

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
 Data File : VX048590.D
 Acq On : 13 Nov 2025 13:20
 Operator : JC/MD
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 03:56:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.531	168	136072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	229897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	109743	57.880	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.760%
35) Dibromofluoromethane	5.367	113	85118	48.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.628	98	297120	54.751	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.500%
62) 4-Bromofluorobenzene	11.061	95	111675	55.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	25562	23.183	ug/l	97
3) Chloromethane	1.301	50	32706	22.364	ug/l	99
4) Vinyl Chloride	1.380	62	38661	23.349	ug/l	100
5) Bromomethane	1.618	94	29271	27.996	ug/l	96
6) Chloroethane	1.697	64	24842	22.909	ug/l	98
7) Trichlorofluoromethane	1.892	101	60599	23.134	ug/l	100
8) Diethyl Ether	2.130	74	25579	24.326	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	30411	20.053	ug/l	95
10) Methyl Iodide	2.453	142	42285	18.841	ug/l	95
11) Tert butyl alcohol	2.934	59	37850	105.349	ug/l	98
12) 1,1-Dichloroethene	2.325	96	28575	18.040	ug/l	92
13) Acrolein	2.233	56	6310	121.386	ug/l	92
14) Allyl chloride	2.666	41	57895	19.631	ug/l	93
15) Acrylonitrile	3.050	53	107917	102.894	ug/l	94
16) Acetone	2.367	43	95036	105.889	ug/l	92
17) Carbon Disulfide	2.514	76	77815	17.457	ug/l	100
18) Methyl Acetate	2.697	43	51105	20.720	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	122013	21.813	ug/l	96
20) Methylene Chloride	2.788	84	35587	19.286	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	32780	19.525	ug/l	94
22) Diisopropyl ether	3.745	45	125874	22.227	ug/l	95
23) Vinyl Acetate	3.709	43	544027	109.688	ug/l	99
24) 1,1-Dichloroethane	3.599	63	63346	20.386	ug/l	99
25) 2-Butanone	4.532	43	150450	113.316	ug/l	99
26) 2,2-Dichloropropane	4.458	77	54818	20.693	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	39319	19.160	ug/l	91
28) Bromochloromethane	4.885	49	29076	19.048	ug/l	95
29) Tetrahydrofuran	4.977	42	103767	109.581	ug/l	95
30) Chloroform	5.074	83	68091	21.226	ug/l	94
31) Cyclohexane	5.446	56	49782	19.553	ug/l	96
32) 1,1,1-Trichloroethane	5.361	97	58453	20.879	ug/l	98
36) 1,1-Dichloropropene	5.678	75	43154	18.522	ug/l	97
37) Ethyl Acetate	4.690	43	69458	21.178	ug/l	97
38) Carbon Tetrachloride	5.660	117	50911	19.195	ug/l	94
39) Methylcyclohexane	7.367	83	51041	19.510	ug/l	98
40) Benzene	6.019	78	135262	18.728	ug/l	98

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Manual Integrations
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 Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	29585	20.512	ug/l	94
42) 1,2-Dichloroethane	6.068	62	53592	21.657	ug/l	97
43) Isopropyl Acetate	6.318	43	95962	20.815	ug/l	98
44) Trichloroethene	7.104	130	34872	20.200	ug/l	99
45) 1,2-Dichloropropane	7.415	63	35926	21.634	ug/l	96
46) Dibromomethane	7.562	93	27202	22.459	ug/l	95
47) Bromodichloromethane	7.805	83	54677	22.628	ug/l	99
48) Methyl methacrylate	7.671	41	46894	22.881	ug/l	92
49) 1,4-Dioxane	7.641	88	13873	444.244	ug/l #	94
51) 4-Methyl-2-Pentanone	8.555	43	324745	123.744	ug/l	95
52) Toluene	8.702	92	85872	22.583	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	55582	22.324	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	60464	23.453	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	35557	23.405	ug/l	97
56) Ethyl methacrylate	9.098	69	59377	23.492	ug/l #	92
57) 1,3-Dichloropropane	9.287	76	62227	23.533	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.220	63	149216	109.808	ug/l	98
59) 2-Hexanone	9.415	43	243419	124.695	ug/l	95
60) Dibromochloromethane	9.506	129	43438	23.288	ug/l	96
61) 1,2-Dibromoethane	9.592	107	38402	23.338	ug/l	99
64) Tetrachloroethene	9.256	164	29917	19.841	ug/l	97
65) Chlorobenzene	10.061	112	97313	19.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	34891	21.133	ug/l	100
67) Ethyl Benzene	10.177	91	162788	19.674	ug/l	98
68) m/p-Xylenes	10.281	106	125684	40.331	ug/l	97
69) o-Xylene	10.622	106	60936	19.986	ug/l	99
70) Styrene	10.640	104	104554	20.442	ug/l	98
71) Bromoform	10.781	173	30762	20.196	ug/l #	99
73) Isopropylbenzene	10.945	105	157630	20.078	ug/l	99
74) N-amyl acetate	10.823	43	84456	21.424	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	56560	20.429	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	52410m	20.113	ug/l	
77) Bromobenzene	11.183	156	39556	19.512	ug/l	94
78) n-propylbenzene	11.287	91	185522	20.096	ug/l	98
79) 2-Chlorotoluene	11.348	91	111440	19.977	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	125499	19.608	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	17491	19.200	ug/l	92
82) 4-Chlorotoluene	11.439	91	132667	20.275	ug/l	100
83) tert-Butylbenzene	11.695	119	132019	19.943	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	130516	20.211	ug/l	99
85) sec-Butylbenzene	11.872	105	162691	19.885	ug/l	99
86) p-Isopropyltoluene	11.988	119	138317	20.108	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	73774	19.416	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	76281	19.436	ug/l	98
89) n-Butylbenzene	12.311	91	128649	19.937	ug/l	97
90) Hexachloroethane	12.518	117	25073	19.132	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	72303	19.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	12918	20.077	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	46185	19.054	ug/l	99
94) Hexachlorobutadiene	13.707	225	19246	18.994	ug/l	96
95) Naphthalene	13.756	128	154895	19.876	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	43335	19.221	ug/l	99

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MSVOA_X
ClientSampleId :
VX1113WBSD01

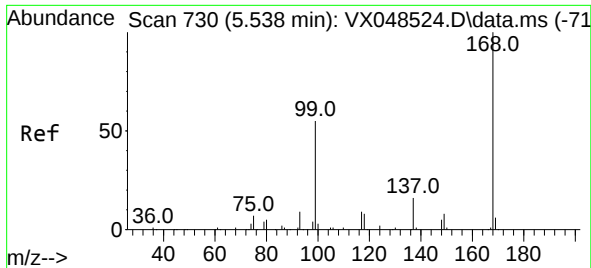
Manual Integrations
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Quant Time: Nov 14 03:56:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

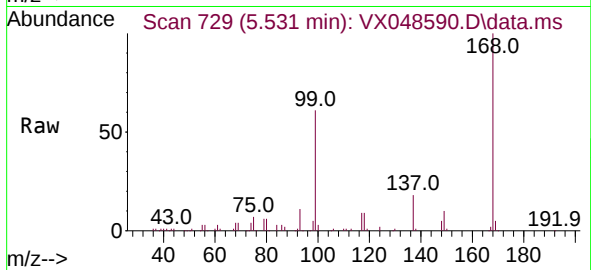
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

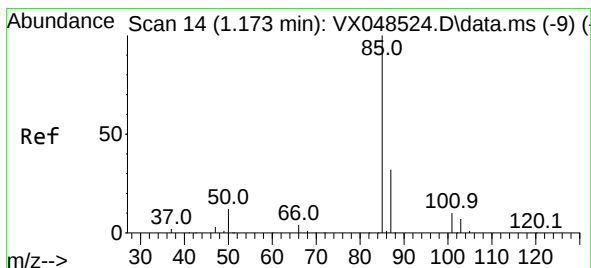
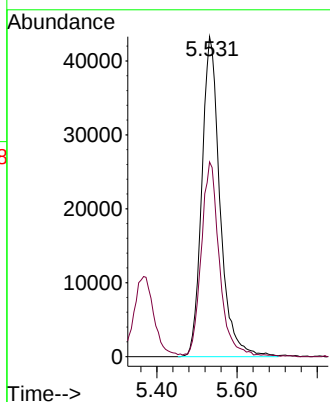
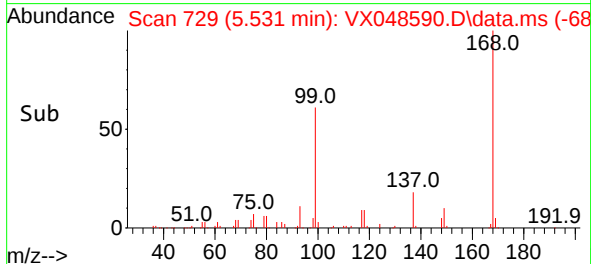
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



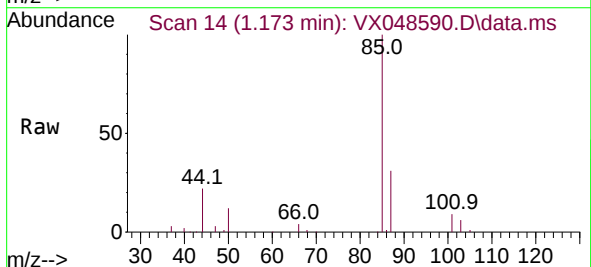
Tgt Ion:168 Resp: 136072
Ion Ratio Lower Upper
168 100
99 60.6 45.2 67.8

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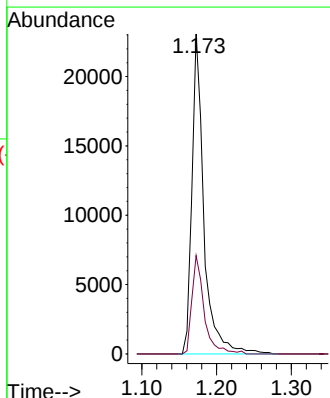
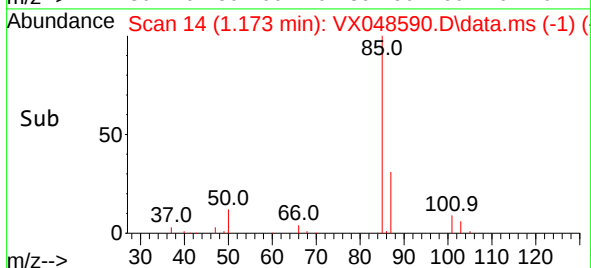
Reviewed By :John Carlone 11/14/2025
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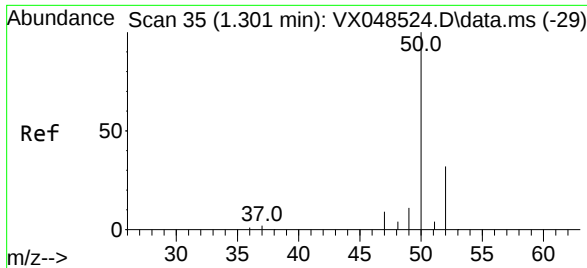


#2
Dichlorodifluoromethane
Concen: 23.183 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20



Tgt Ion: 85 Resp: 25562
Ion Ratio Lower Upper
85 100
87 30.7 16.2 48.6





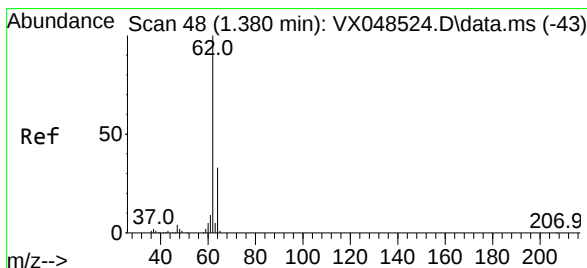
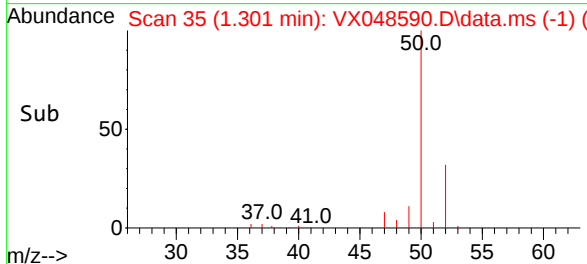
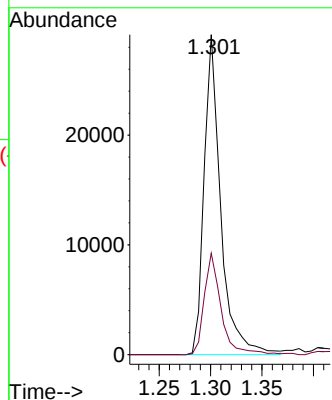
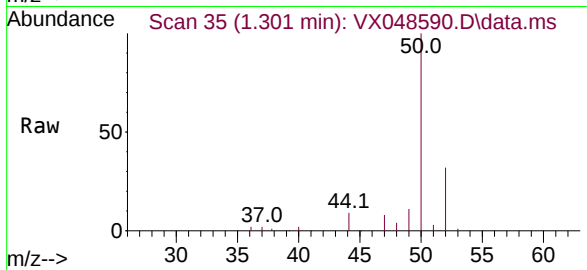
#3
Chloromethane
Concen: 22.364 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 50 Resp: 32700
Ion Ratio Lower Upper
50 100
52 31.7 26.0 39.0

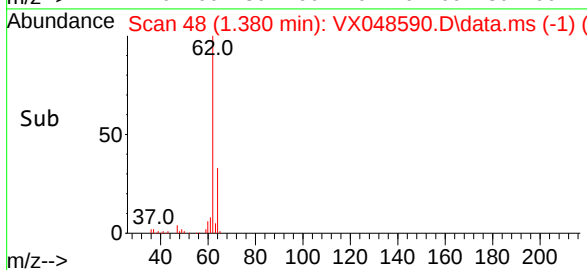
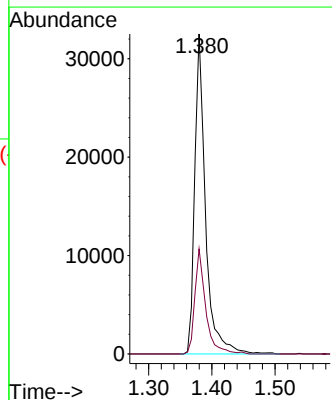
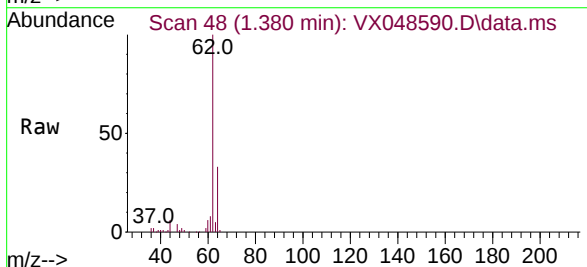
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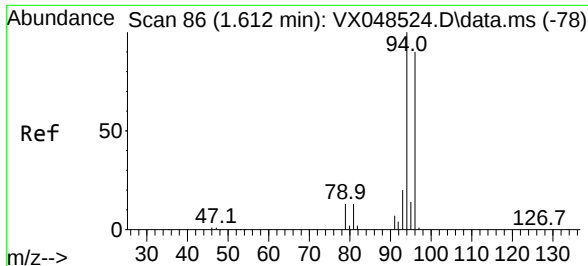
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#4
Vinyl Chloride
Concen: 23.349 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 62 Resp: 38661
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





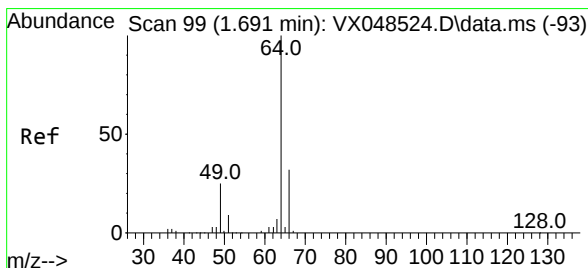
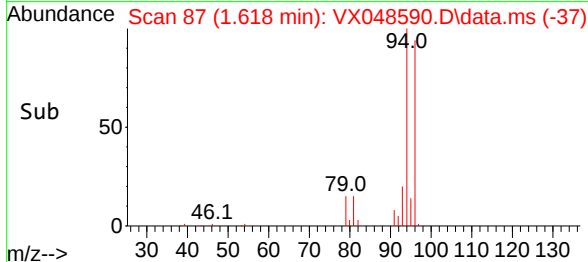
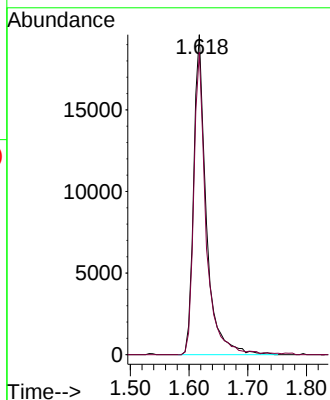
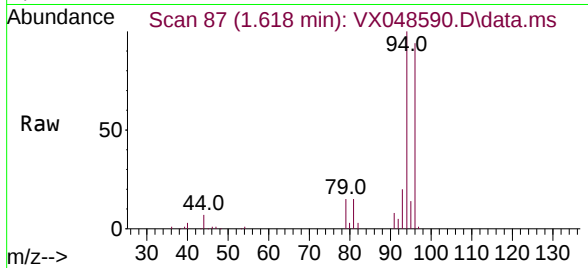
#5
Bromomethane
Concen: 27.996 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
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VX1113WBSD01

Tgt Ion: 94 Resp: 2927
Ion Ratio Lower Upper
94 100
96 94.4 72.3 108.5

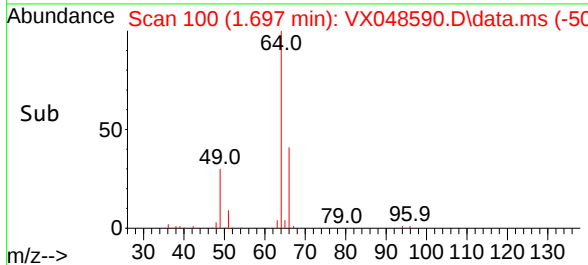
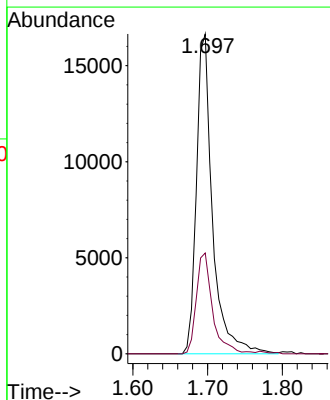
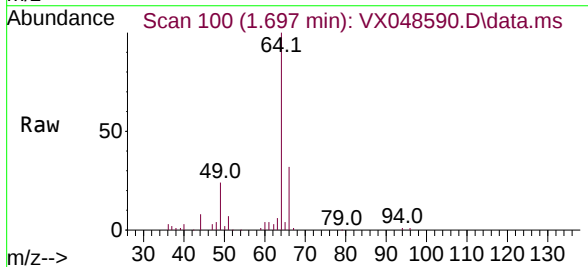
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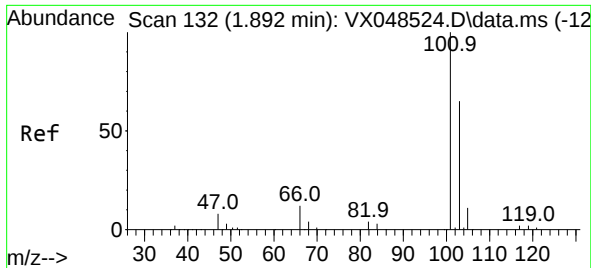
Reviewed By :John Carlone 11/14/2025
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#6
Chloroethane
Concen: 22.909 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

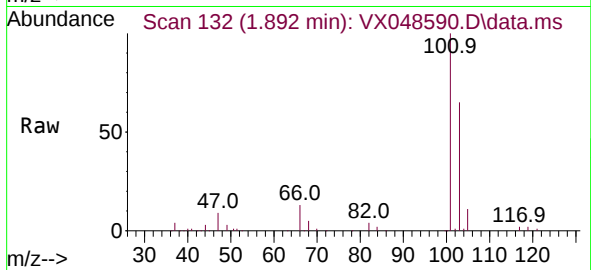
Tgt Ion: 64 Resp: 24842
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 23.134 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. -0.000 min
 Lab File: VX048590.D
 Acq: 13 Nov 2025 13:20

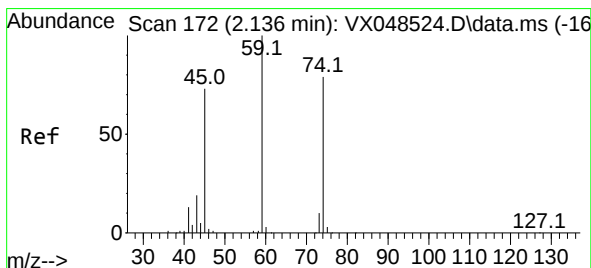
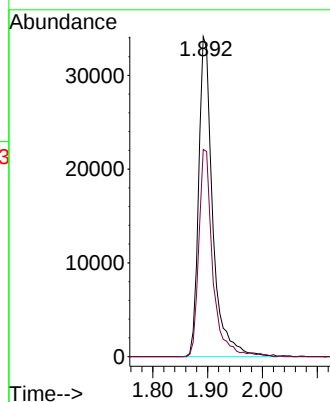
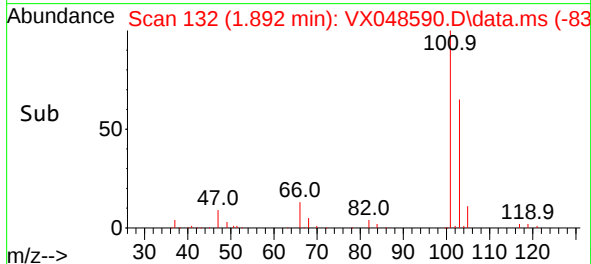
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01



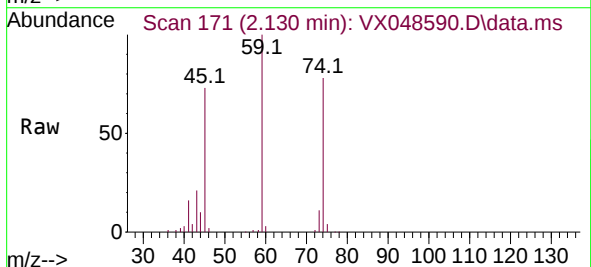
Tgt Ion:101 Resp: 60599
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5

Manual Integrations
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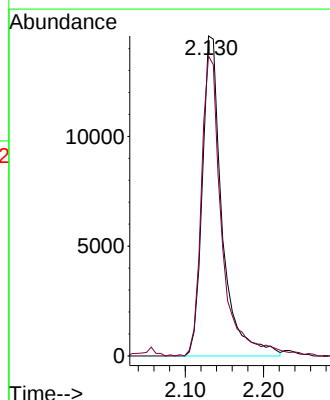
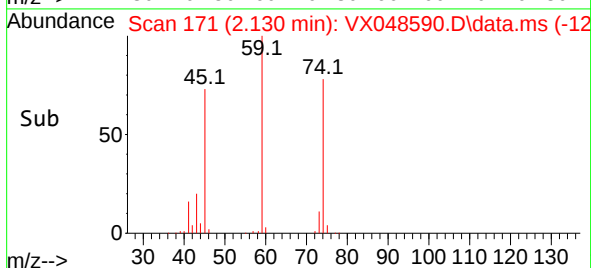
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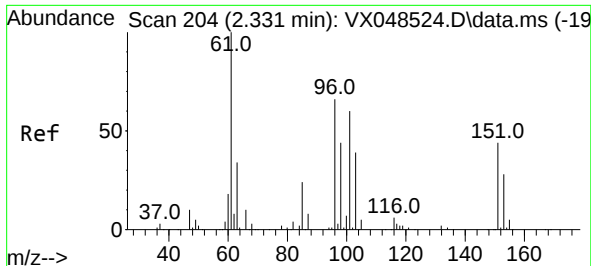


#8
 Diethyl Ether
 Concen: 24.326 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048590.D
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Tgt Ion: 74 Resp: 25579
 Ion Ratio Lower Upper
 74 100
 45 97.7 45.9 137.6





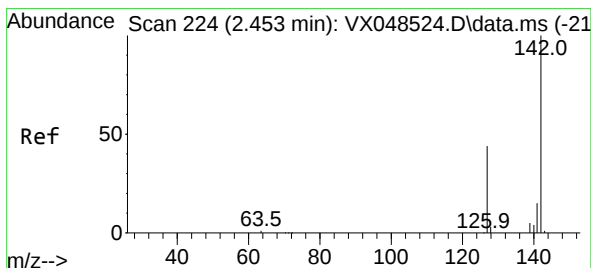
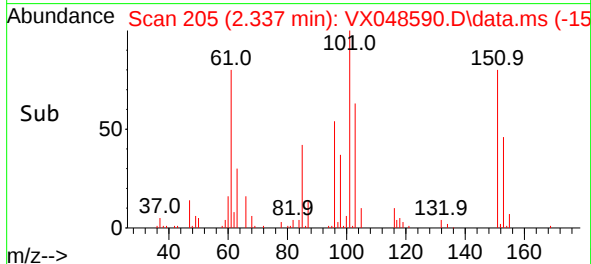
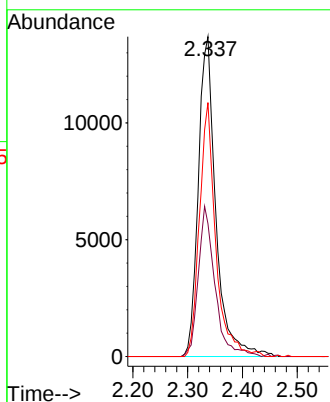
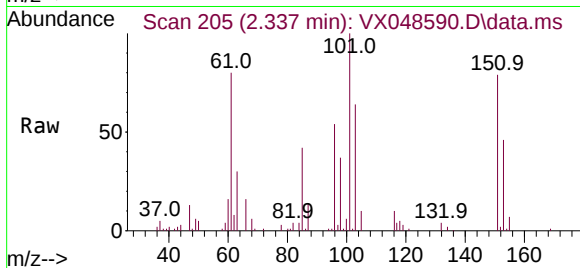
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.053 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion:101 Resp: 3041
Ion Ratio Lower Upper
101 100
85 44.8 34.3 51.5
151 73.8 63.1 94.7

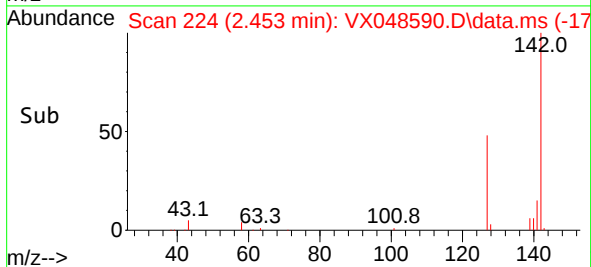
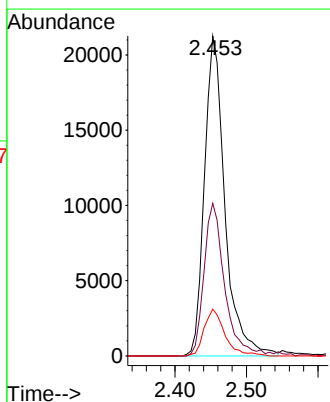
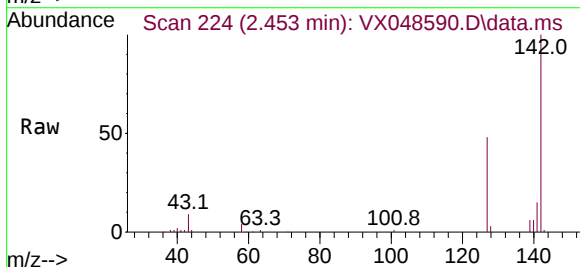
Manual Integrations
APPROVED

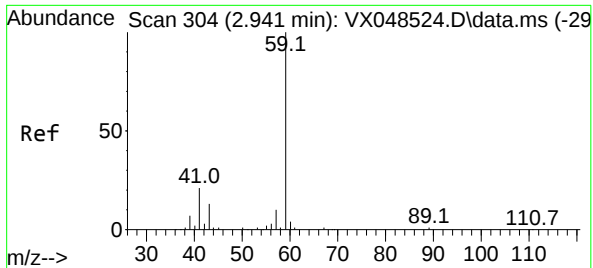
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 18.841 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

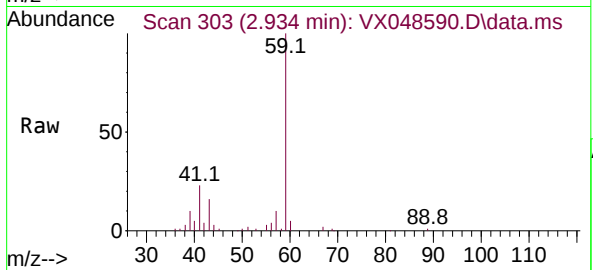
Tgt Ion:142 Resp: 42285
Ion Ratio Lower Upper
142 100
127 48.5 35.8 53.6
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 105.349 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

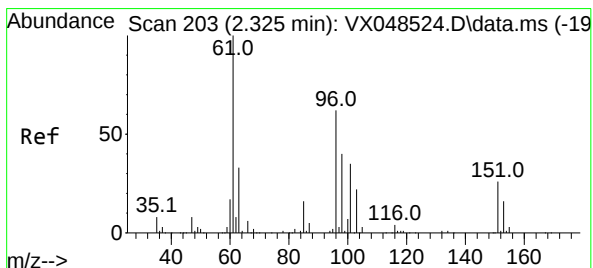
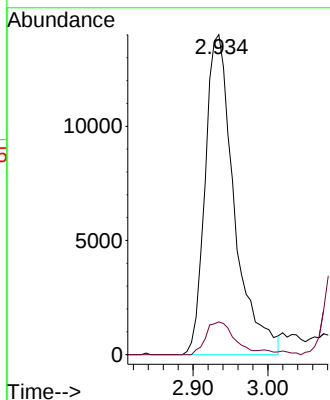
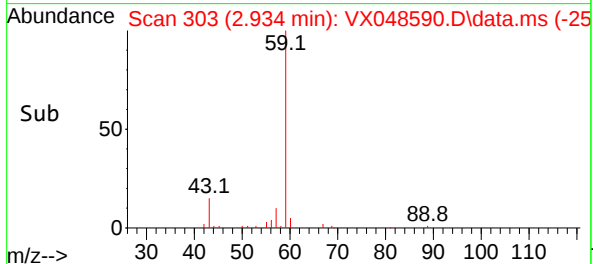
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



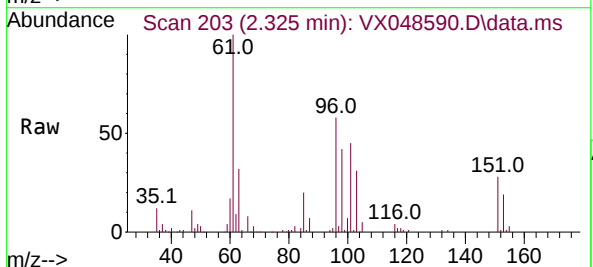
Tgt Ion: 59 Resp: 37850
Ion Ratio Lower Upper
59 100
57 10.0 8.6 13.0

Manual Integrations
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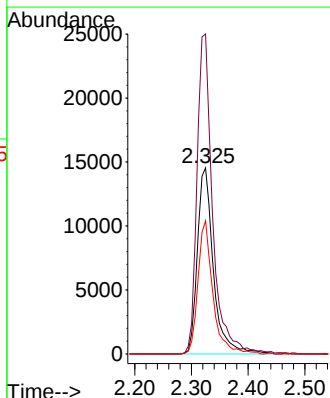
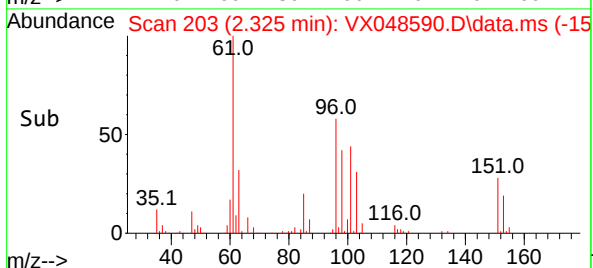
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

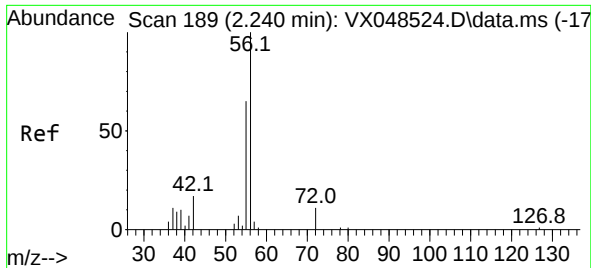


#12
1,1-Dichloroethene
Concen: 18.040 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20



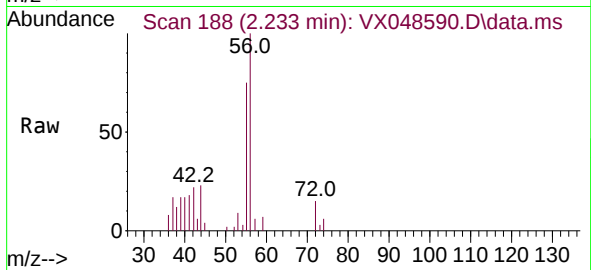
Tgt Ion: 96 Resp: 28575
Ion Ratio Lower Upper
96 100
61 172.1 129.8 194.6
98 71.5 52.3 78.5





#13
Acrolein
Concen: 121.386 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

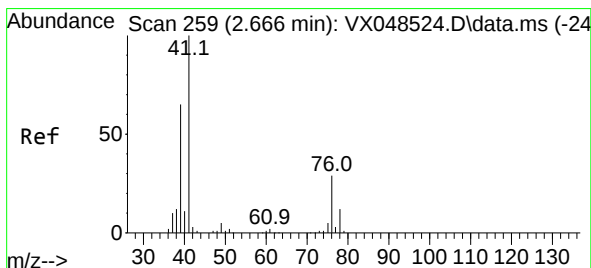
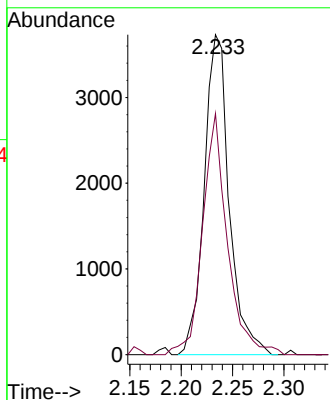
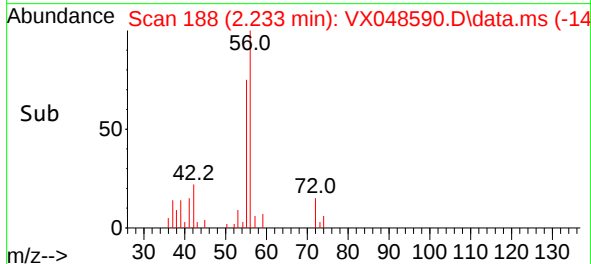
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 56 Resp: 6310
Ion Ratio Lower Upper
56 100
55 74.7 54.9 82.3

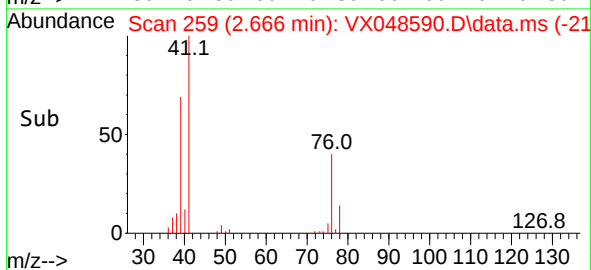
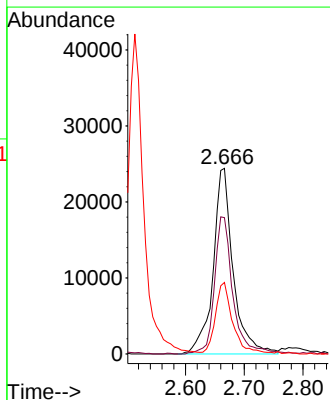
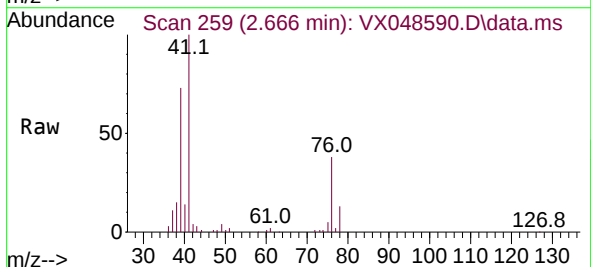
Manual Integrations
APPROVED

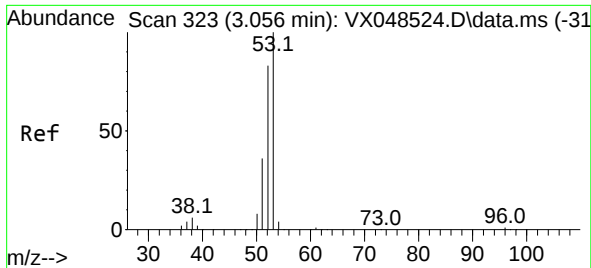
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#14
Allyl chloride
Concen: 19.631 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 41 Resp: 57895
Ion Ratio Lower Upper
41 100
39 67.9 48.6 73.0
76 32.2 27.7 41.5





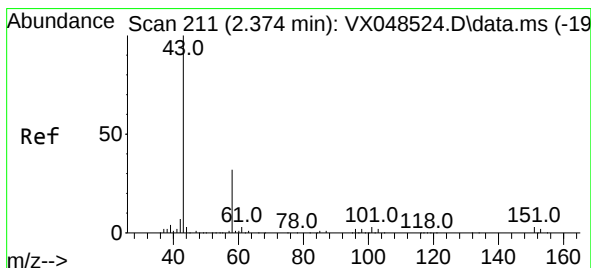
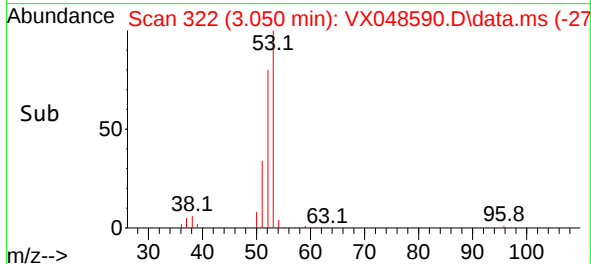
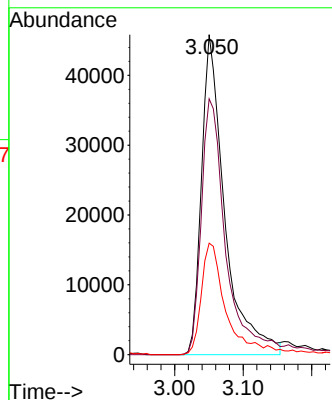
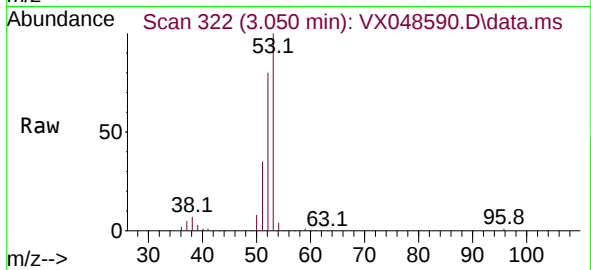
#15
Acrylonitrile
Concen: 102.894 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 53 Resp: 107917
Ion Ratio Lower Upper
53 100
52 87.3 65.3 97.9
51 37.1 27.8 41.6

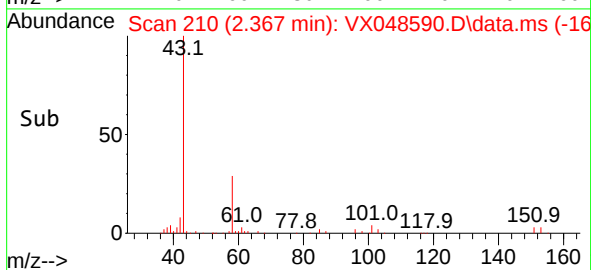
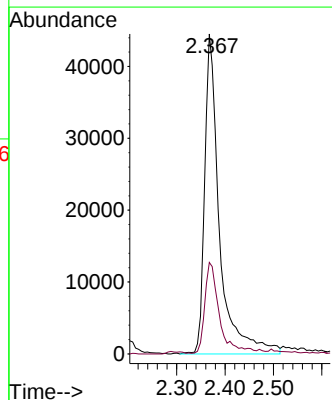
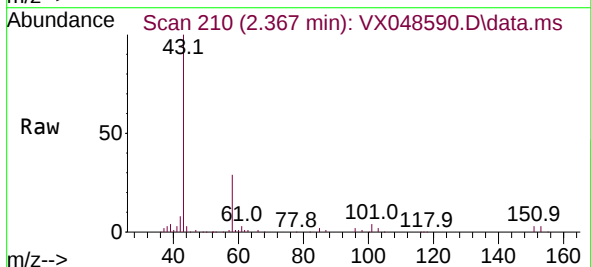
Manual Integrations
APPROVED

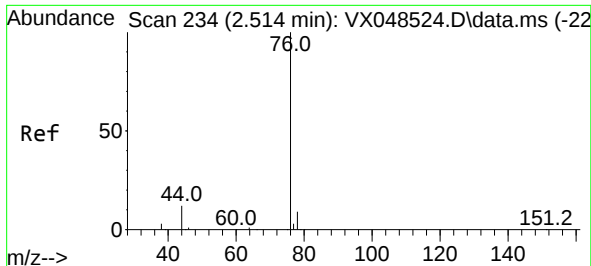
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#16
Acetone
Concen: 105.889 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

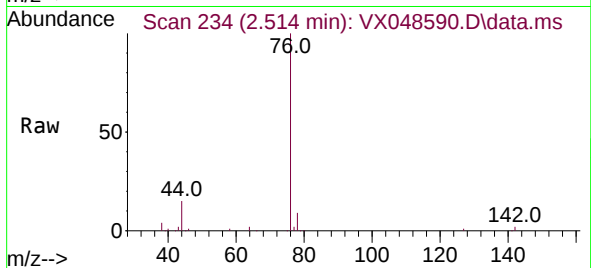
Tgt Ion: 43 Resp: 95036
Ion Ratio Lower Upper
43 100
58 28.0 25.8 38.6





#17
Carbon Disulfide
Concen: 17.457 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

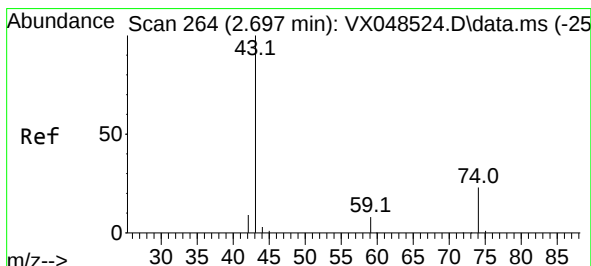
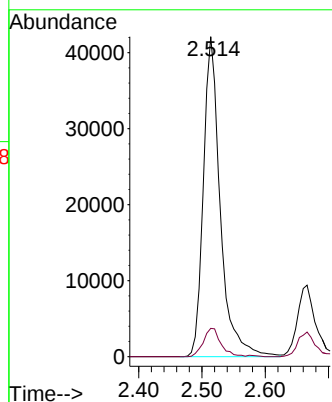
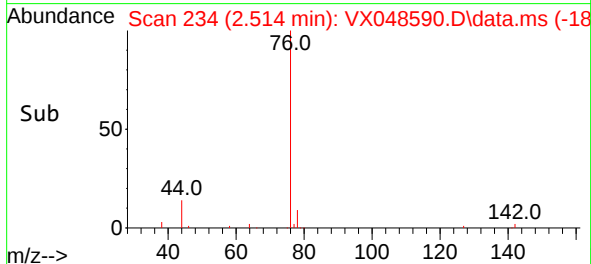
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 76 Resp: 77815
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

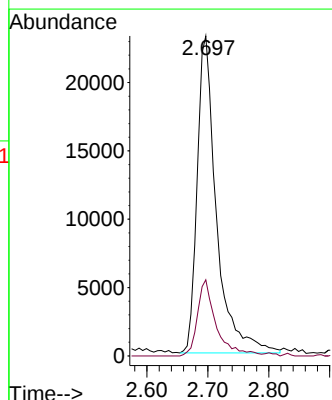
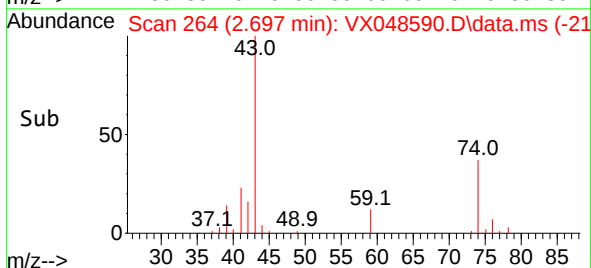
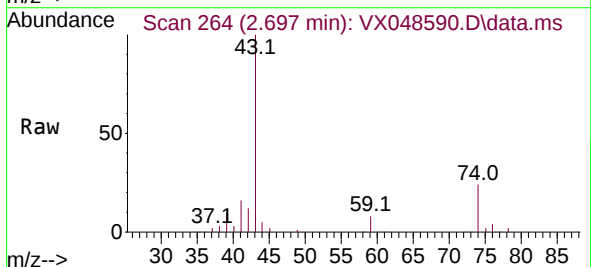
Manual Integrations
APPROVED

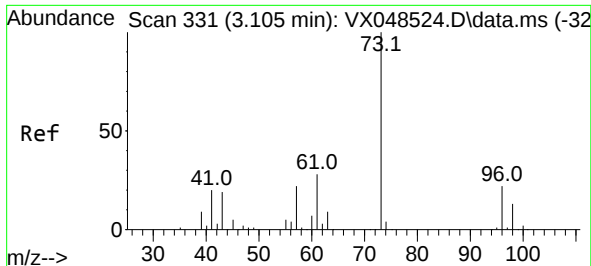
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 20.720 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

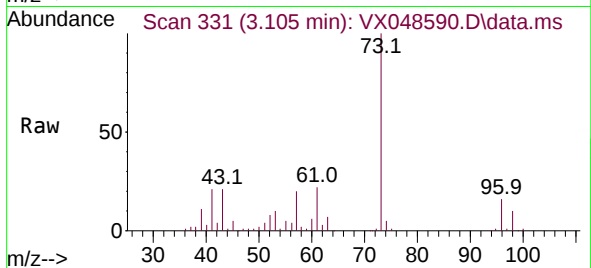
Tgt Ion: 43 Resp: 51105
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 21.813 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

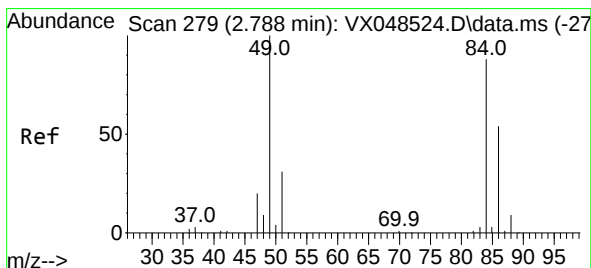
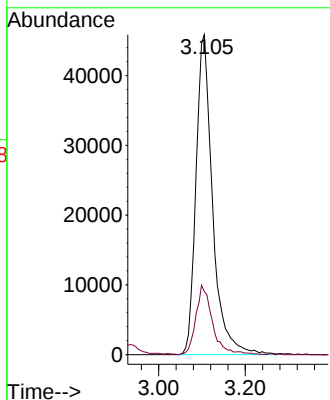
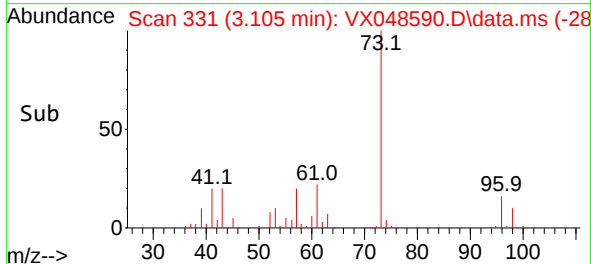
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 73 Resp: 122013
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

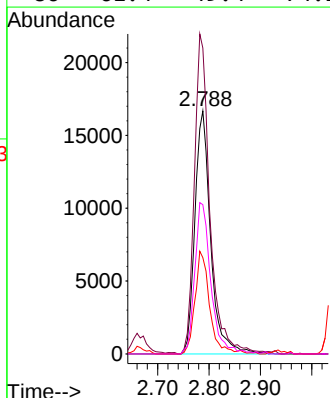
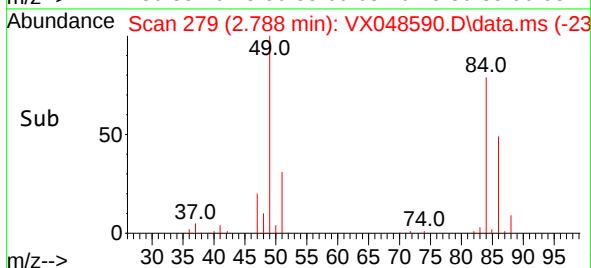
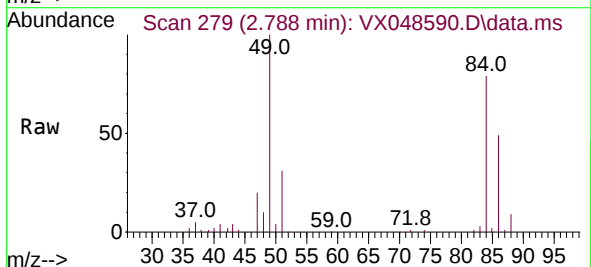
Manual Integrations
APPROVED

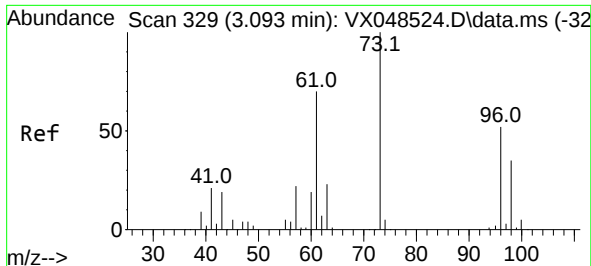
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 19.286 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

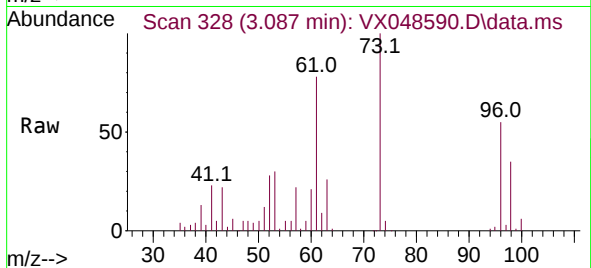
Tgt Ion: 84 Resp: 35587
Ion Ratio Lower Upper
84 100
49 125.9 91.2 136.8
51 39.6 28.3 42.5
86 61.4 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

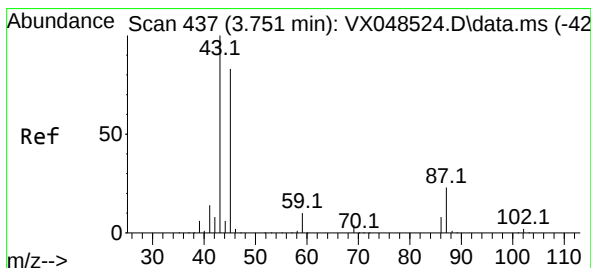
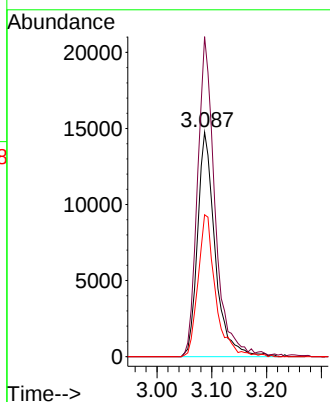
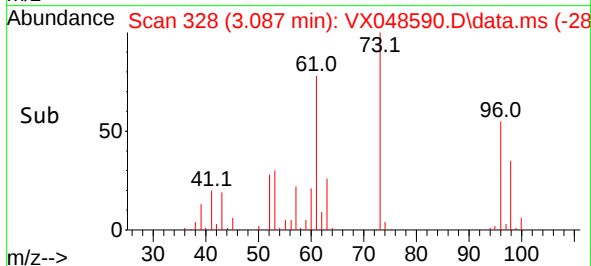
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 96 Resp: 32780
Ion Ratio Lower Upper
96 100
61 142.6 106.7 160.1
98 63.2 52.7 79.1

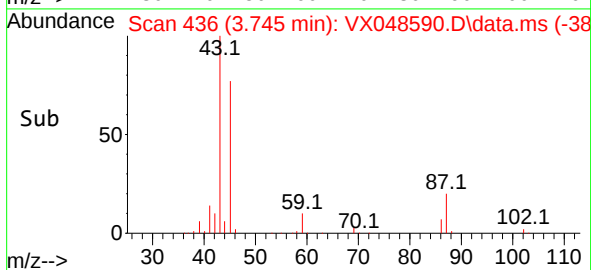
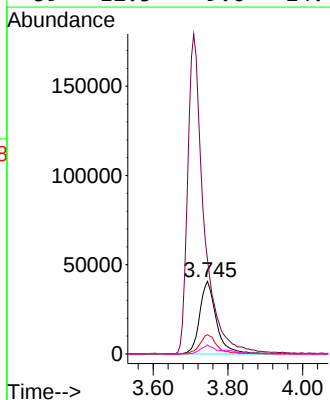
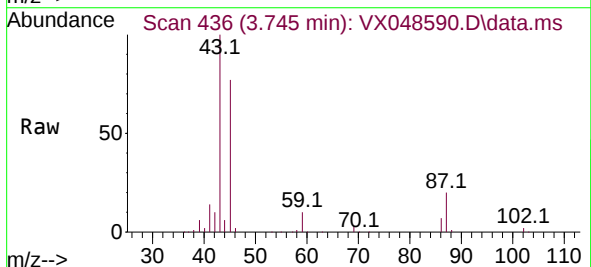
Manual Integrations
APPROVED

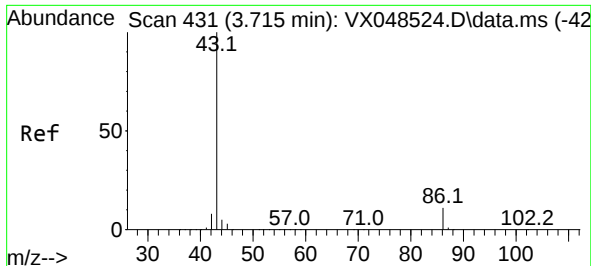
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#22
Diisopropyl ether
Concen: 22.227 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 45 Resp: 125874
Ion Ratio Lower Upper
45 100
43 127.9 96.4 144.6
87 26.3 21.8 32.6
59 12.5 9.6 14.4





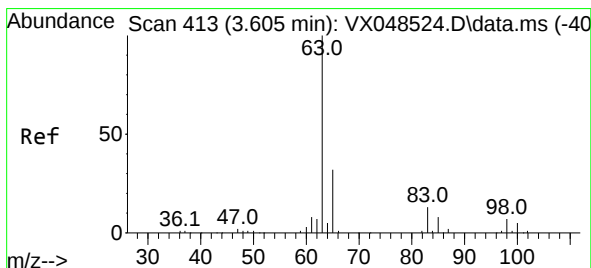
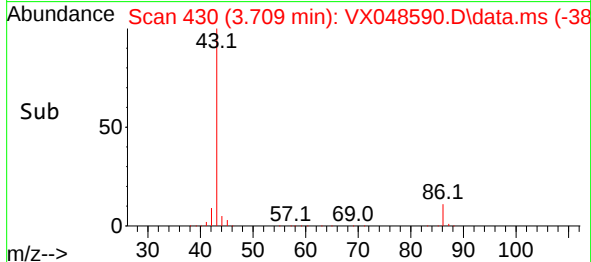
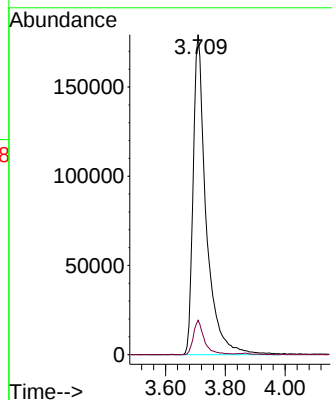
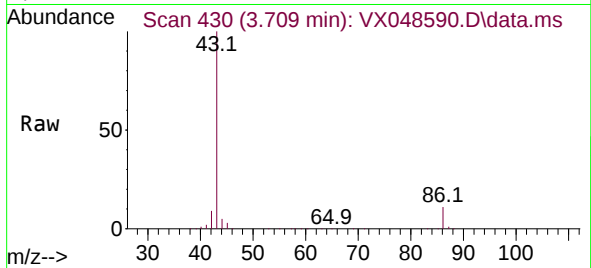
#23
 Vinyl Acetate
 Concen: 109.688 ug/l
 RT: 3.709 min Scan# 431
 Delta R.T. -0.006 min
 Lab File: VX048590.D
 Acq: 13 Nov 2025 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tgt Ion: 43 Resp: 54402
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.6

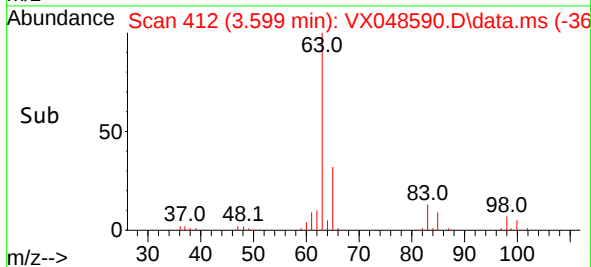
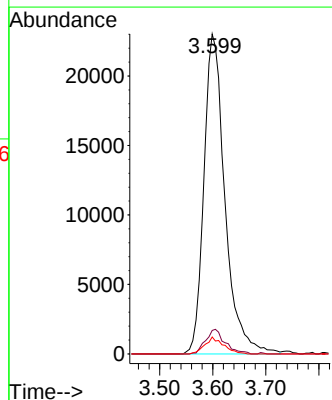
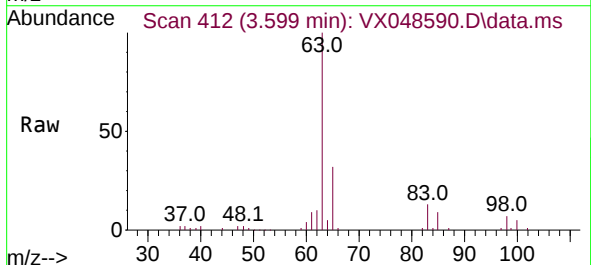
Manual Integrations
 APPROVED

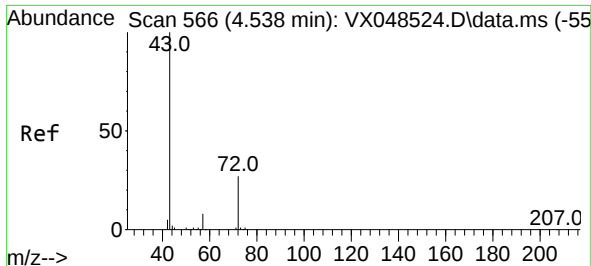
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#24
 1,1-Dichloroethane
 Concen: 20.386 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048590.D
 Acq: 13 Nov 2025 13:20

Tgt Ion: 63 Resp: 63346
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 5.3 2.5 7.4





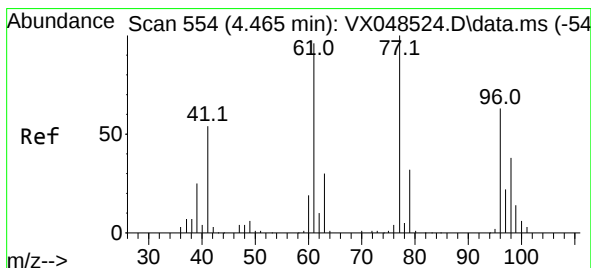
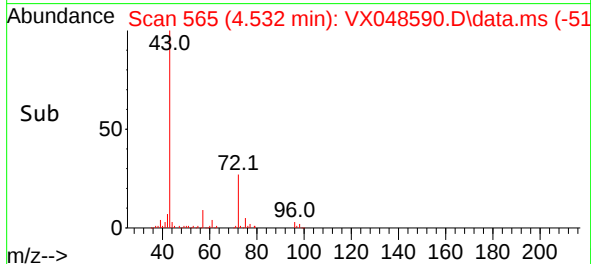
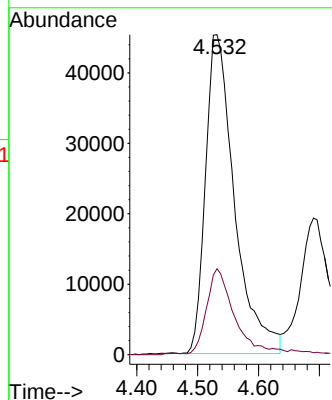
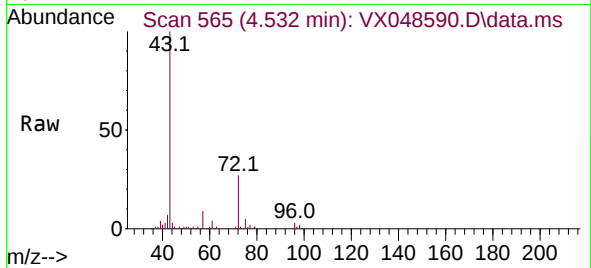
#25
2-Butanone
Concen: 113.316 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 43 Resp: 150450
Ion Ratio Lower Upper
43 100
72 26.6 21.5 32.3

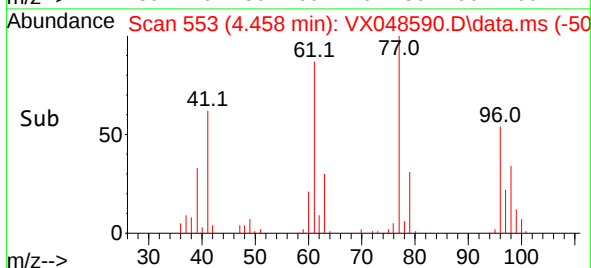
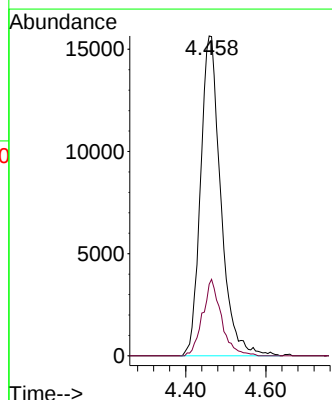
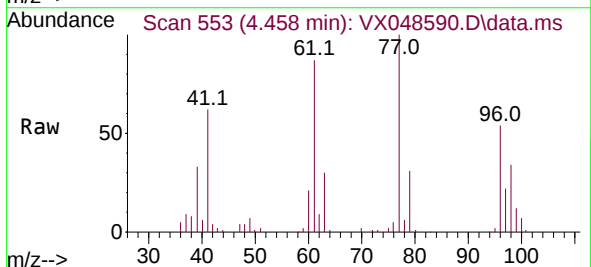
Manual Integrations
APPROVED

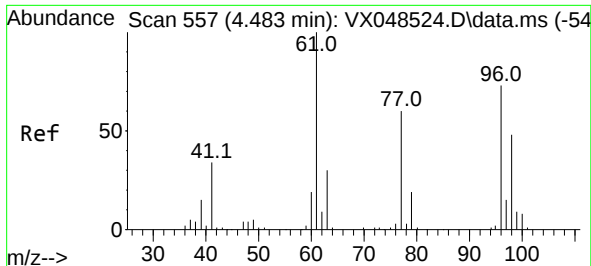
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 20.693 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 77 Resp: 54818
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.160 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion: 96 Resp: 39319

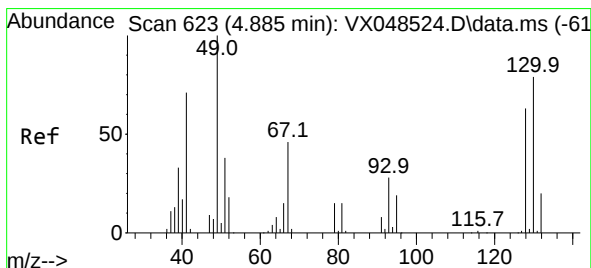
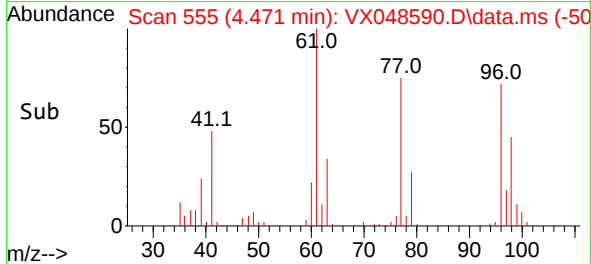
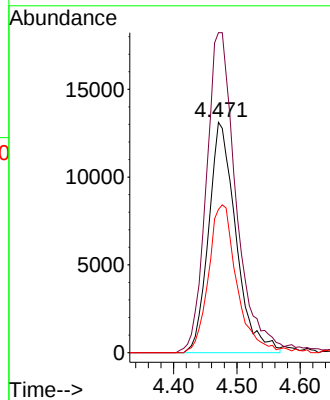
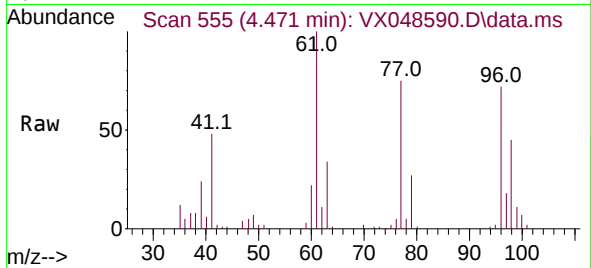
Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	279.6
98	66.7	0.0	128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#28

Bromochloromethane

Concen: 19.048 ug/l

RT: 4.885 min Scan# 623

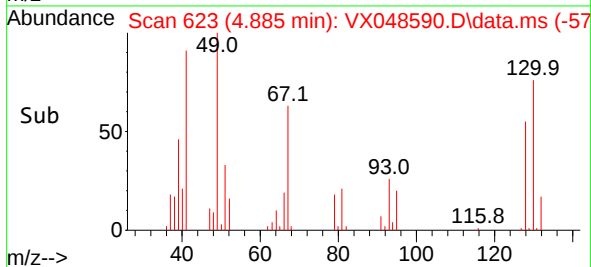
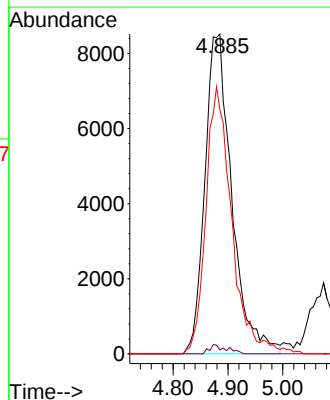
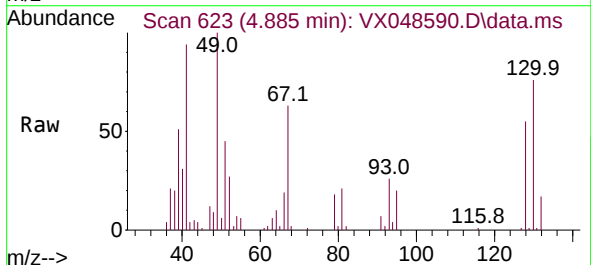
Delta R.T. -0.000 min

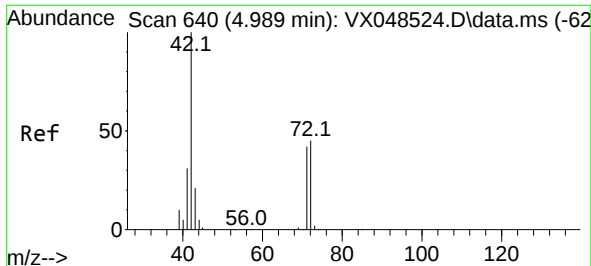
Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion: 49 Resp: 29076

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.2
130	77.7	65.9	98.9





#29

Tetrahydrofuran

Concen: 109.581 ug/l

RT: 4.977 min Scan# 638

Delta R.T. -0.012 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion: 42 Resp: 103762

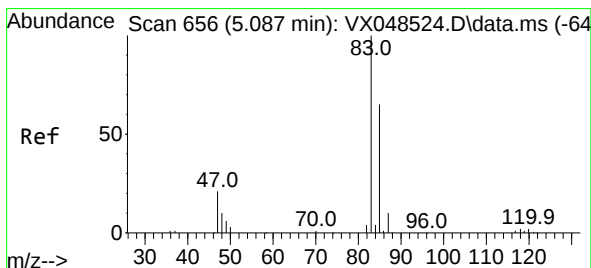
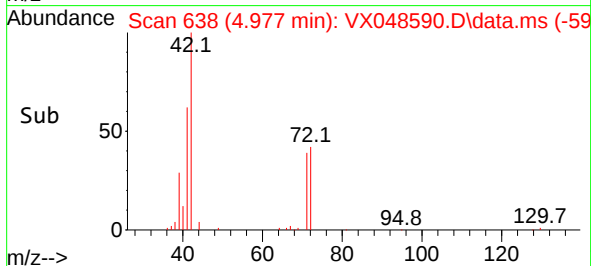
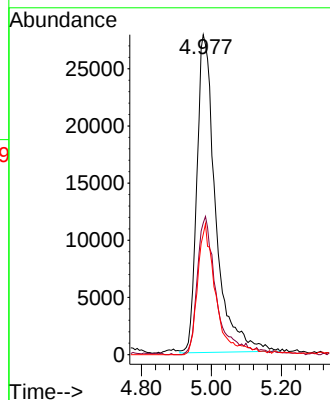
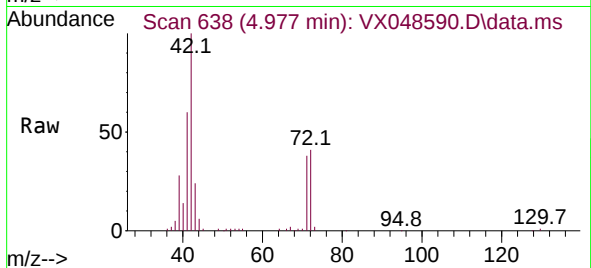
Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.3	54.5
71	37.7	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#30

Chloroform

Concen: 21.226 ug/l

RT: 5.074 min Scan# 654

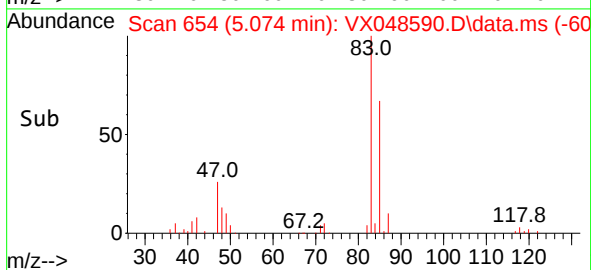
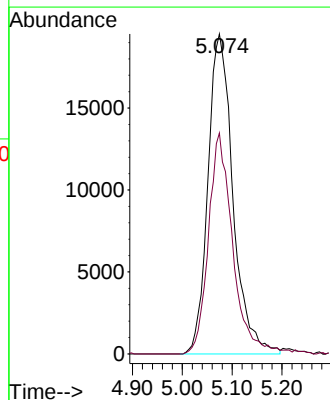
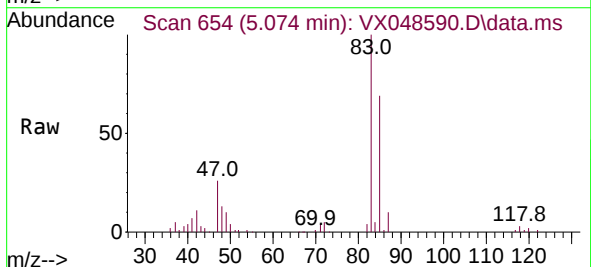
Delta R.T. -0.012 min

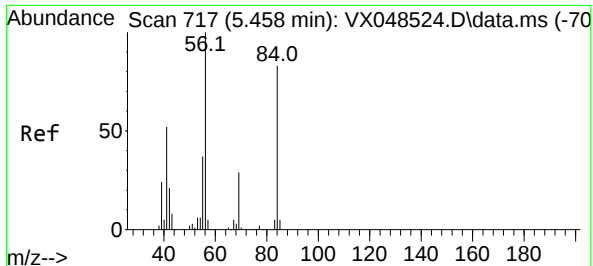
Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion: 83 Resp: 68091

Ion	Ratio	Lower	Upper
83	100		
85	69.0	51.8	77.6





#31

Cyclohexane

Concen: 19.553 ug/l

RT: 5.446 min Scan# 715

Delta R.T. -0.012 min

Lab File: VX048590.D

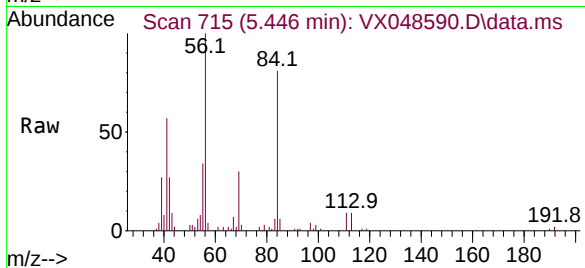
Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01



Tgt Ion: 56 Resp: 4978

Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.2

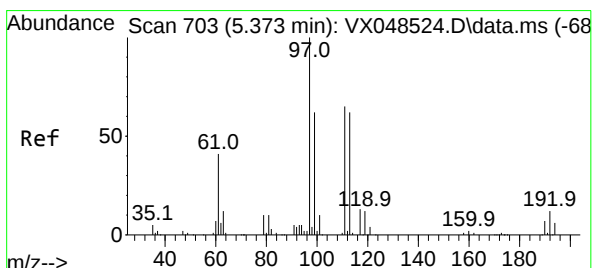
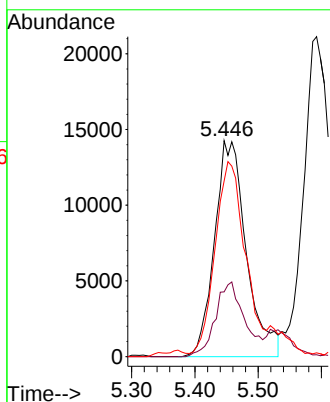
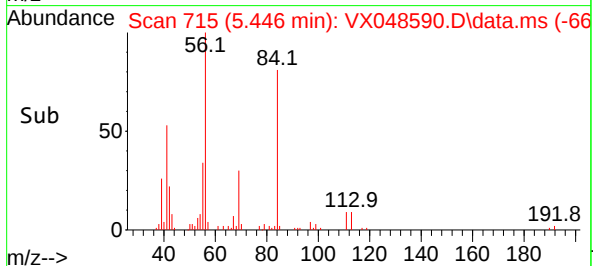
84 78.3 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#32

1,1,1-Trichloroethane

Concen: 20.879 ug/l

RT: 5.361 min Scan# 701

Delta R.T. -0.012 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

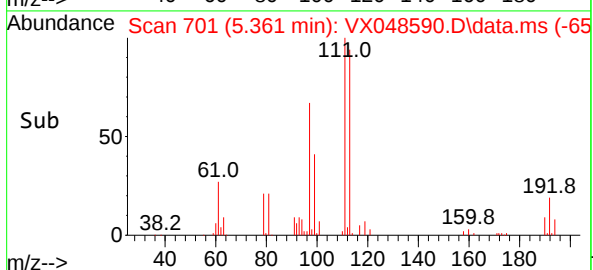
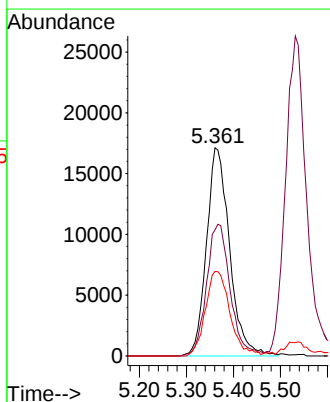
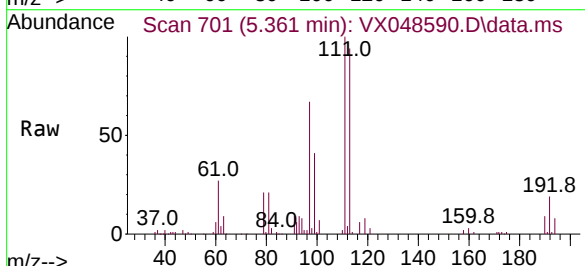
Tgt Ion: 97 Resp: 58453

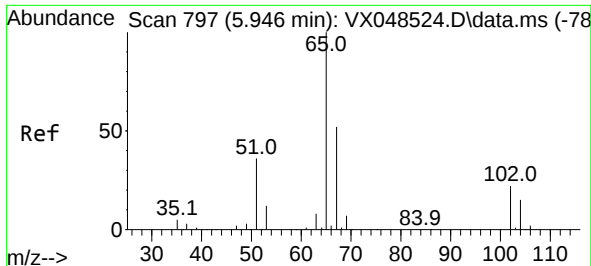
Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 43.1 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 57.880 ug/l

RT: 5.934 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion: 65 Resp: 109743

Ion Ratio Lower Upper

65 100

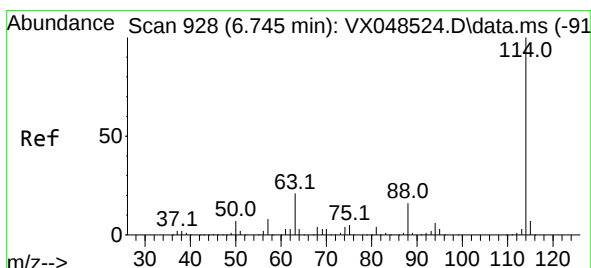
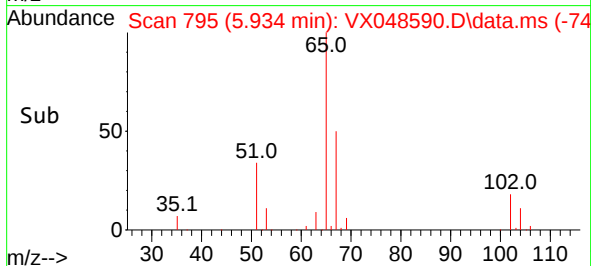
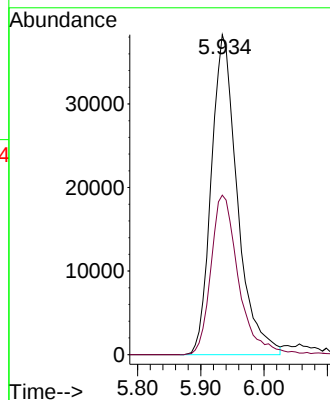
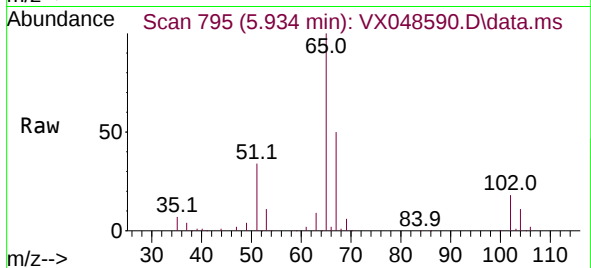
67 52.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

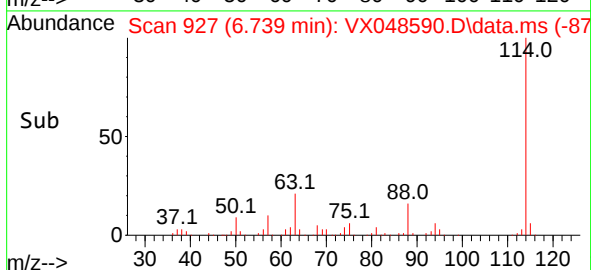
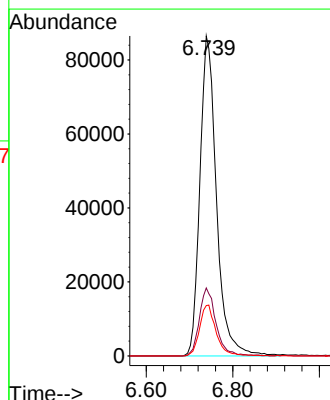
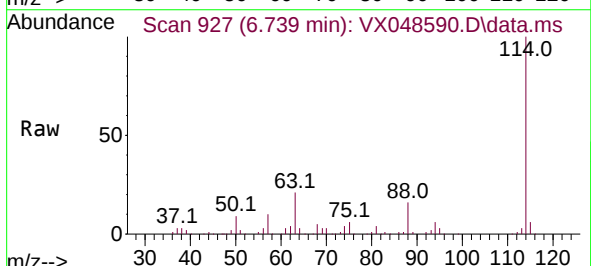
Tgt Ion:114 Resp: 229897

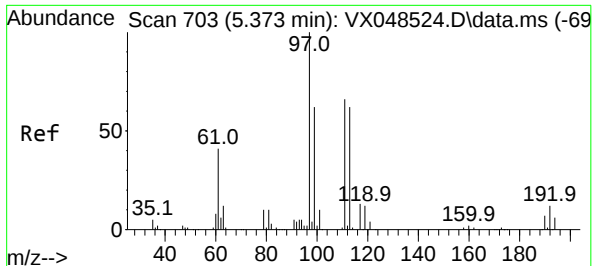
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.918 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

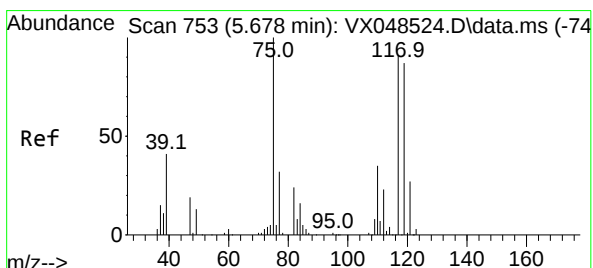
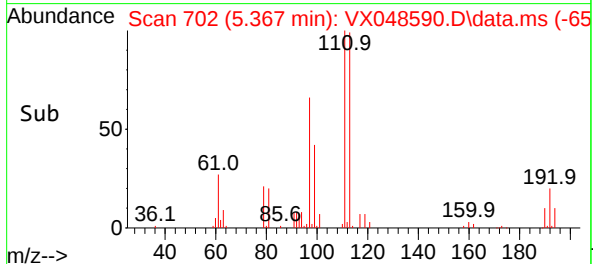
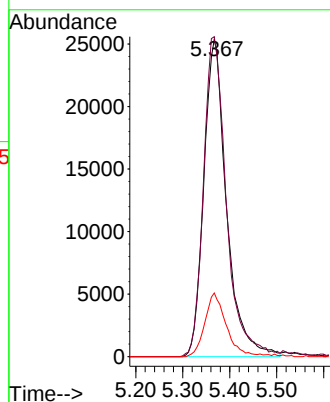
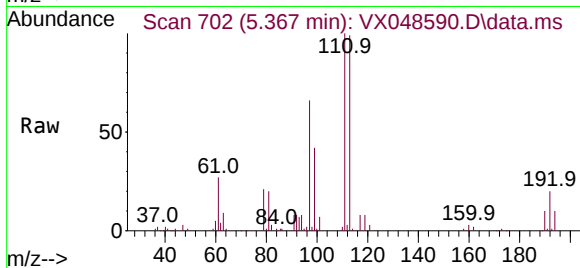
Tgt Ion:	113	Resp:	85118
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.0	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#36

1,1-Dichloropropene

Concen: 18.522 ug/l

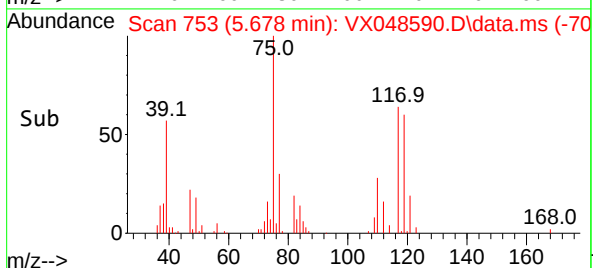
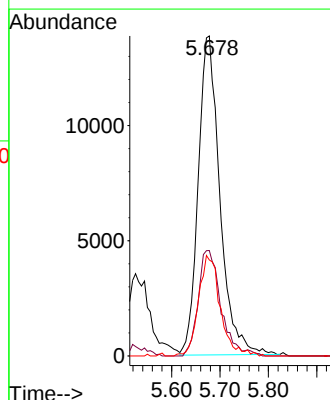
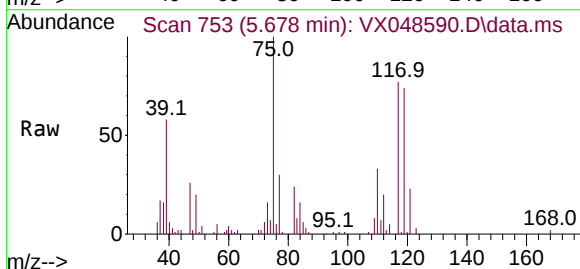
RT: 5.678 min Scan# 753

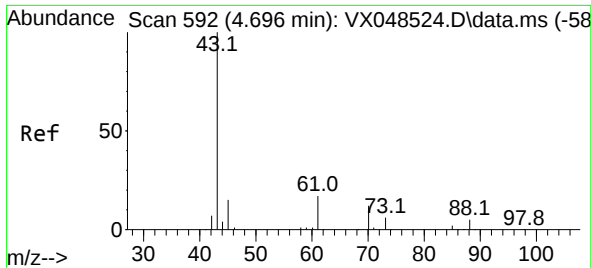
Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion:	75	Resp:	43154
Ion	Ratio	Lower	Upper
75	100		
110	33.9	18.4	55.4
77	31.6	24.6	37.0





#37

Ethyl Acetate

Concen: 21.178 ug/l

RT: 4.690 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion: 43 Resp: 69458

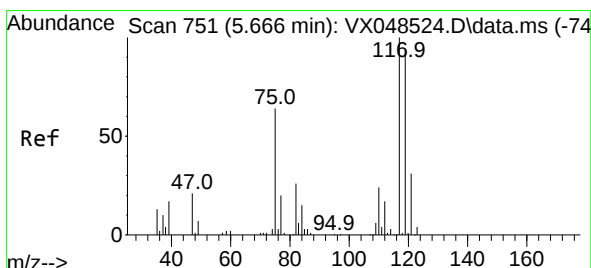
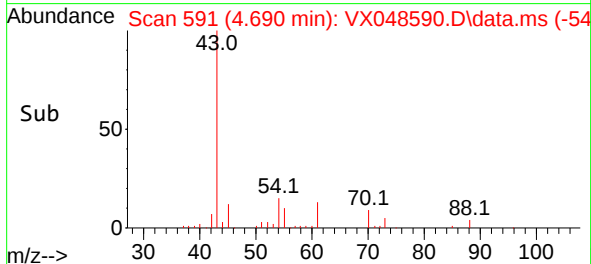
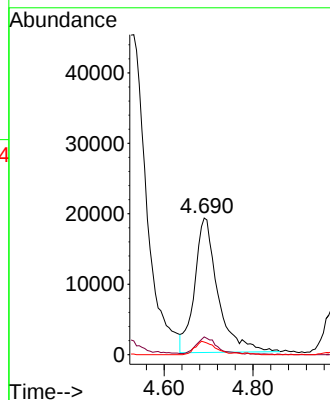
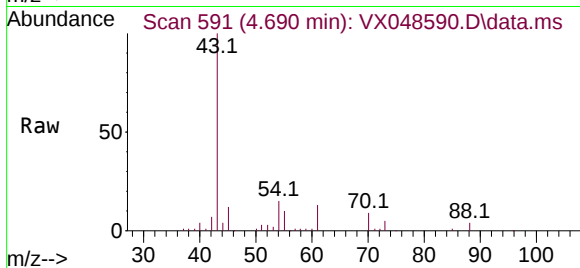
Ion	Ratio	Lower	Upper
43	100		
61	10.9	9.7	14.5
70	8.3	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#38

Carbon Tetrachloride

Concen: 19.195 ug/l

RT: 5.660 min Scan# 750

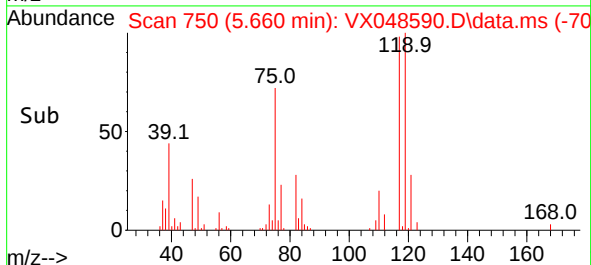
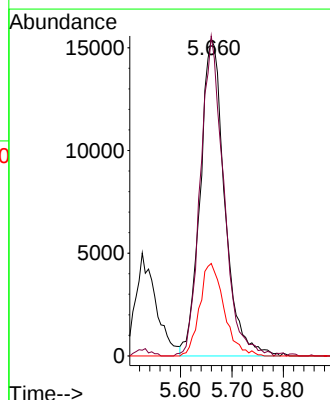
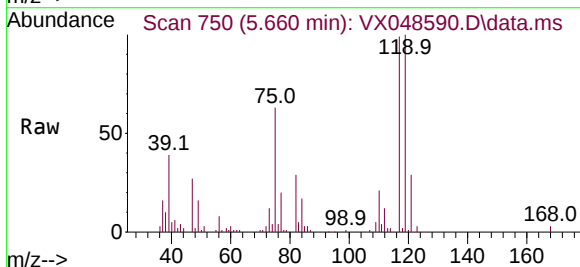
Delta R.T. -0.006 min

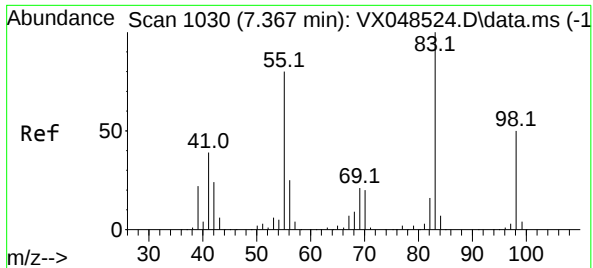
Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion:117 Resp: 50911

Ion	Ratio	Lower	Upper
117	100		
119	100.2	74.5	111.7
121	29.2	24.8	37.2





#39

Methylcyclohexane

Concen: 19.510 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

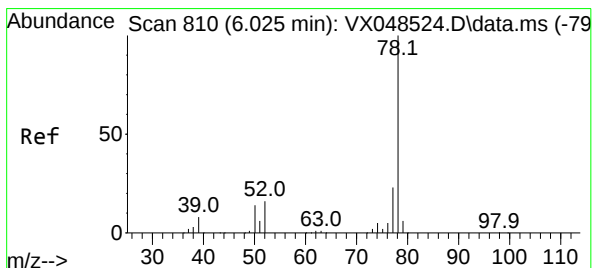
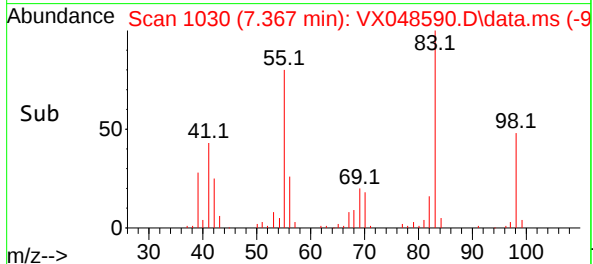
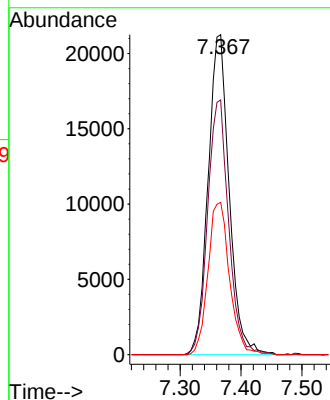
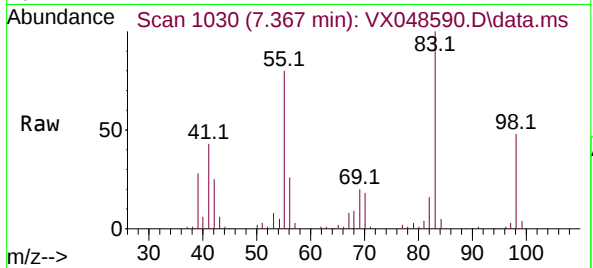
Tgt Ion: 83	Resp: 5104
Ion Ratio	Lower Upper
83	100
55	79.6 63.8 95.6
98	47.6 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#40

Benzene

Concen: 18.728 ug/l

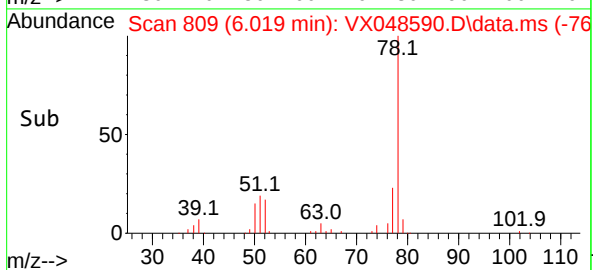
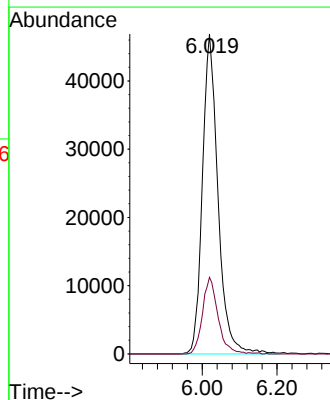
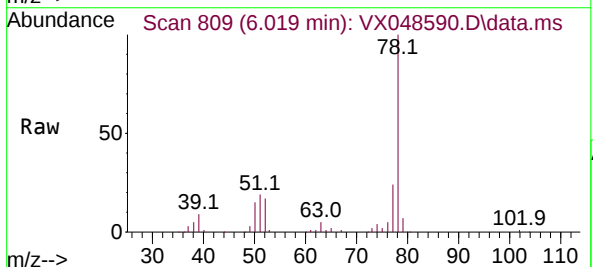
RT: 6.019 min Scan# 809

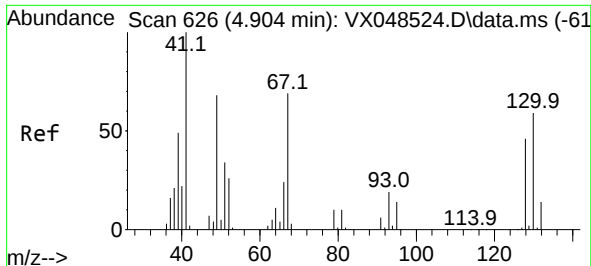
Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

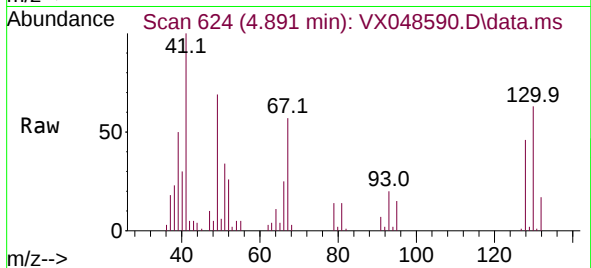
Tgt Ion: 78	Resp: 135262
Ion Ratio	Lower Upper
78	100
77	23.9 18.3 27.5





#41
Methacrylonitrile
Concen: 20.512 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

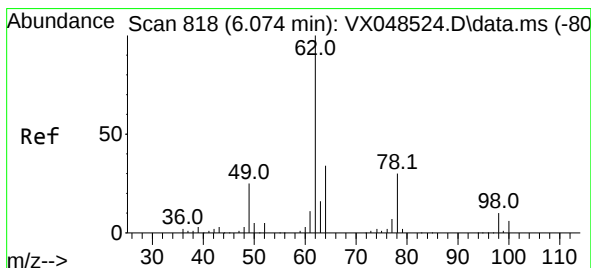
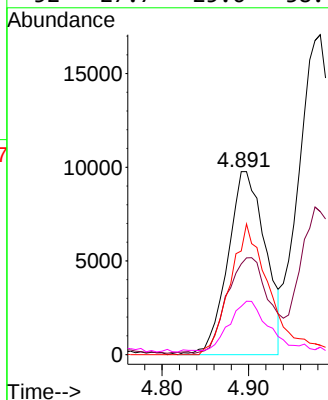
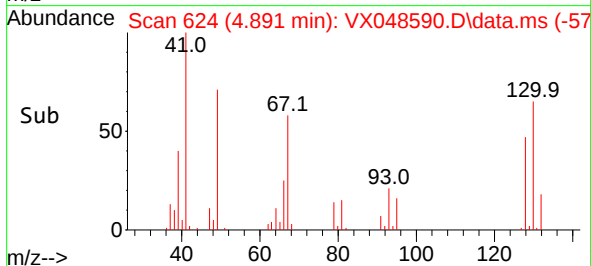
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 41 Resp: 29585
Ion Ratio Lower Upper
41 100
39 58.5 41.1 61.7
67 78.3 64.2 96.2
52 27.7 25.6 38.4

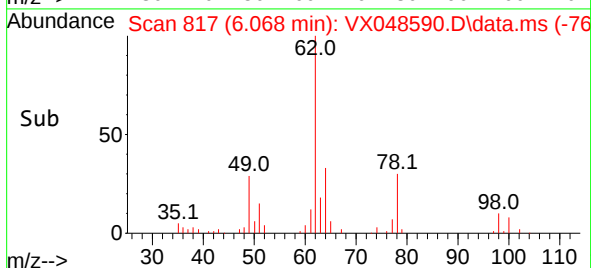
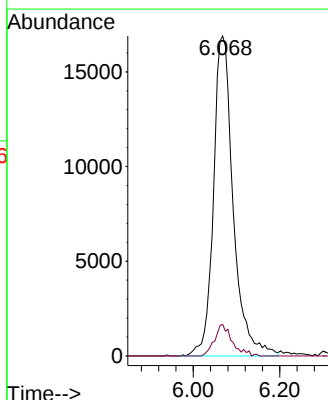
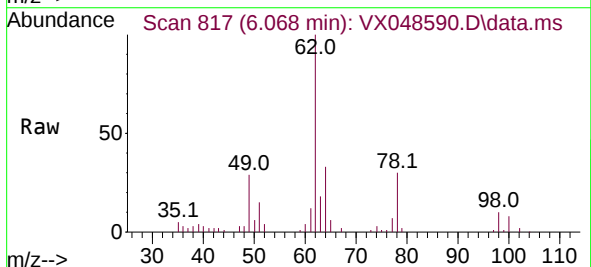
Manual Integrations
APPROVED

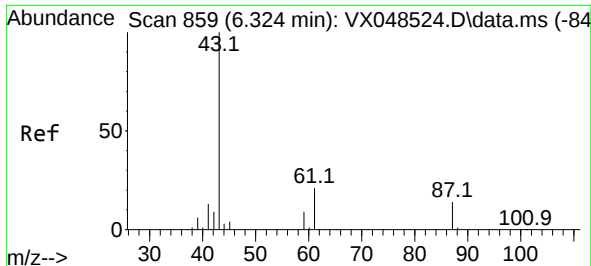
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 21.657 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

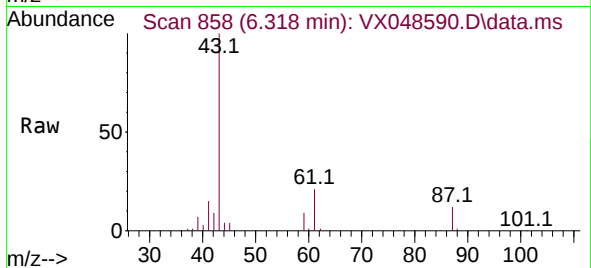
Tgt Ion: 62 Resp: 53592
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.815 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

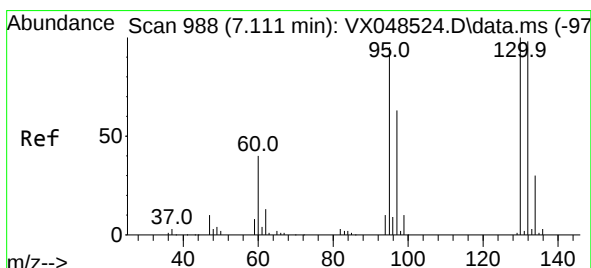
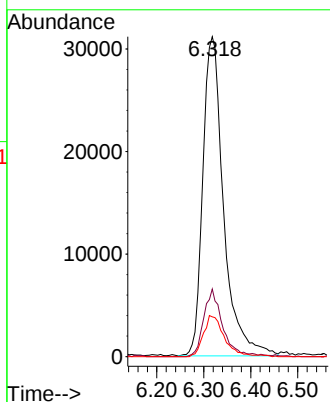
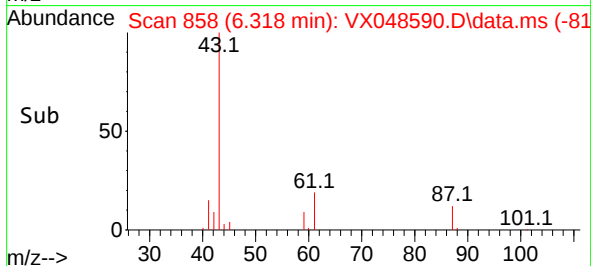
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 43 Resp: 95962
Ion Ratio Lower Upper
43 100
61 19.3 16.2 24.4
87 12.7 10.9 16.3

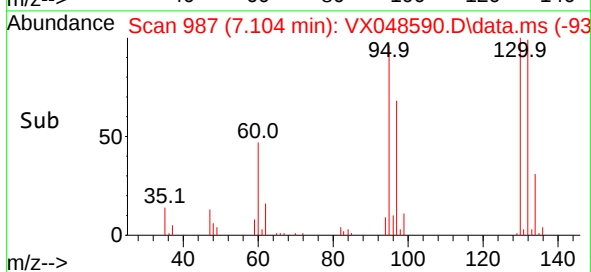
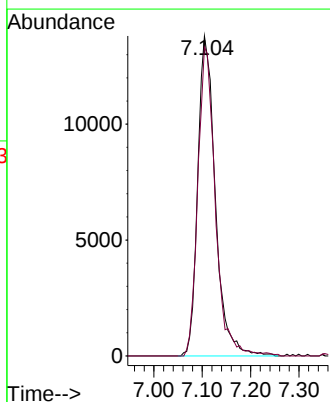
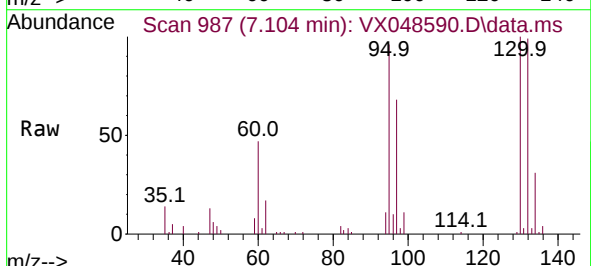
Manual Integrations
APPROVED

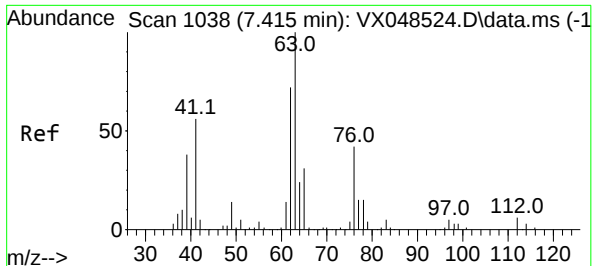
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#44
Trichloroethene
Concen: 20.200 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:130 Resp: 34872
Ion Ratio Lower Upper
130 100
95 96.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 21.634 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion: 63 Resp: 35926

Ion Ratio Lower Upper

63 100

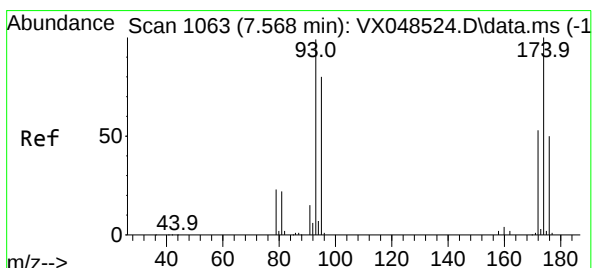
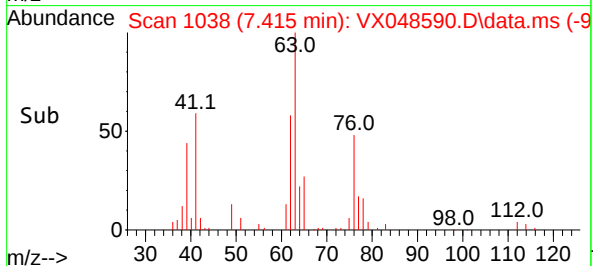
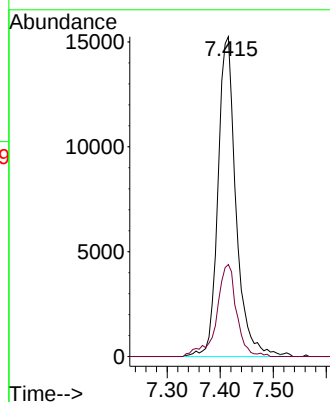
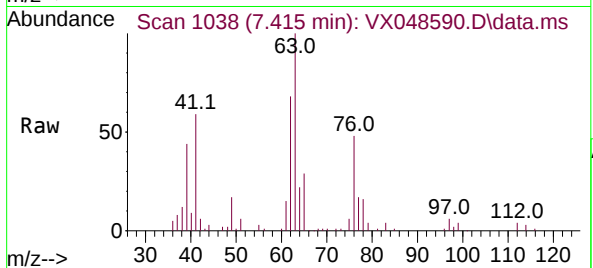
65 28.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 22.459 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

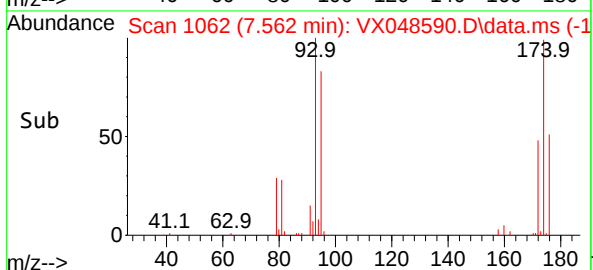
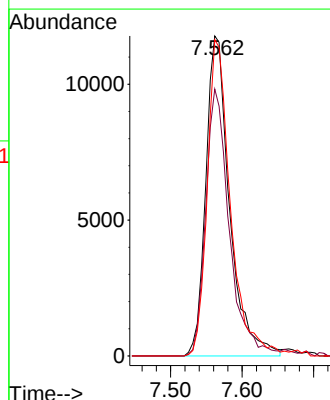
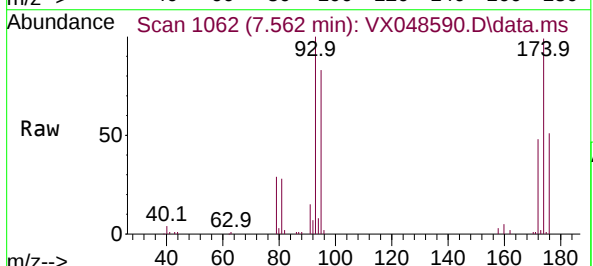
Tgt Ion: 93 Resp: 27202

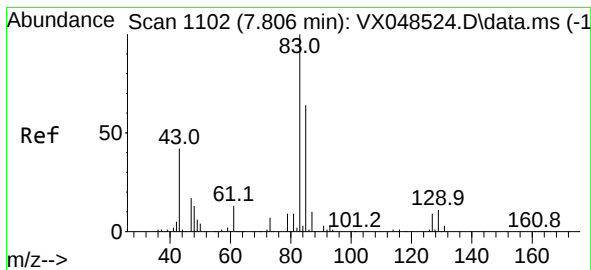
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 96.8 83.0 124.6





#47

Bromodichloromethane

Concen: 22.628 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

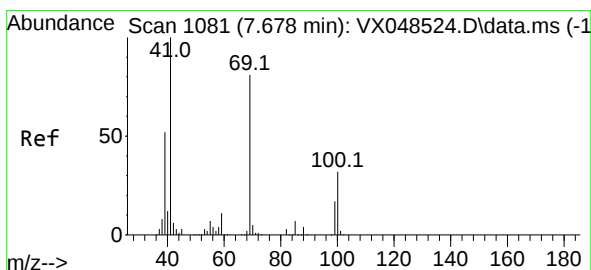
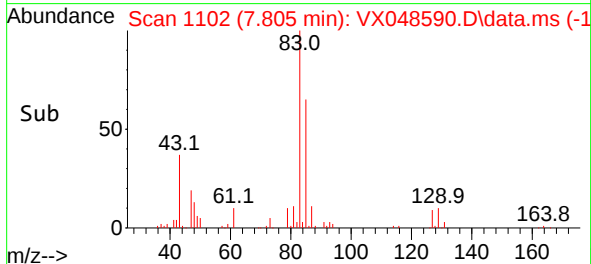
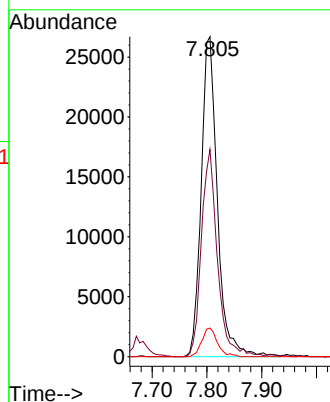
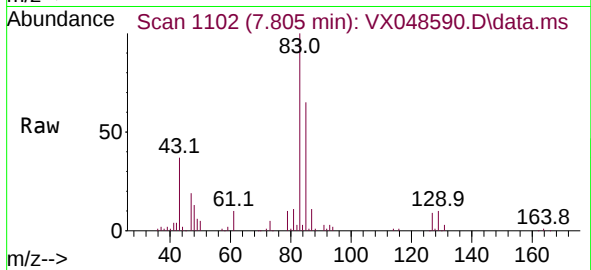
Tgt Ion:	83	Resp:	5467
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.0
127	8.9	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#48

Methyl methacrylate

Concen: 22.881 ug/l

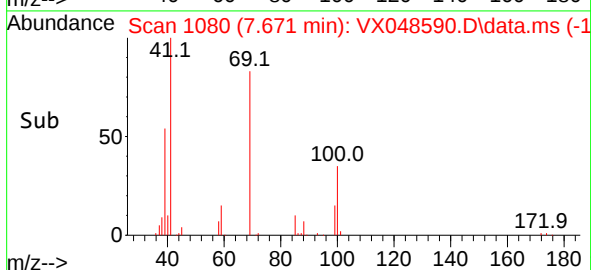
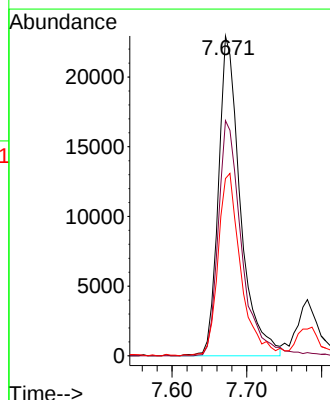
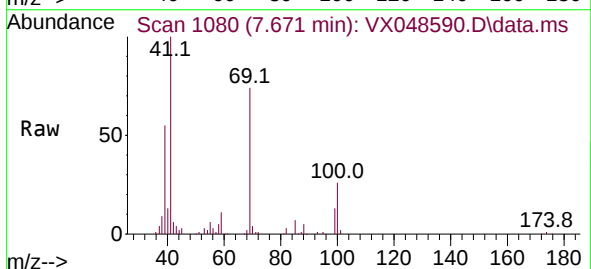
RT: 7.671 min Scan# 1080

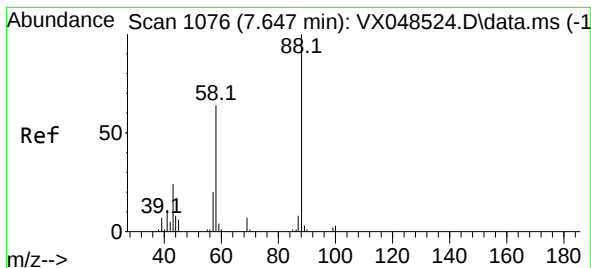
Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion:	41	Resp:	46894
Ion	Ratio	Lower	Upper
41	100		
69	78.5	67.9	101.9
39	59.8	42.2	63.2





#49

1,4-Dioxane

Concen: 444.244 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion: 88 Resp: 13873

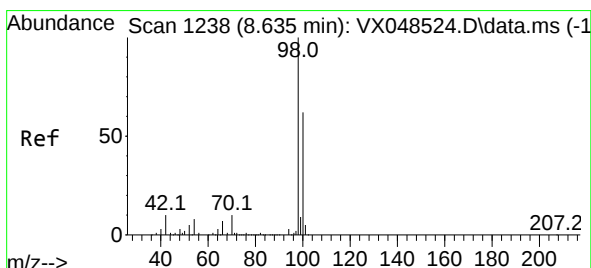
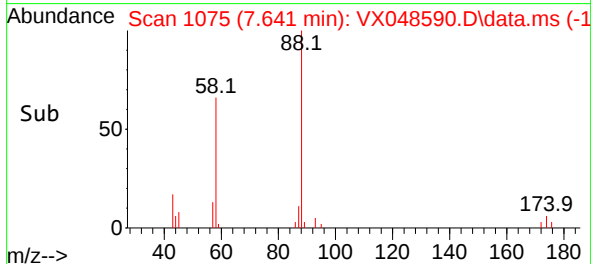
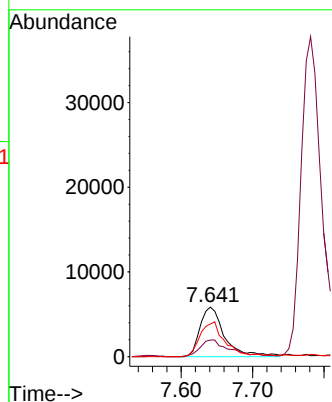
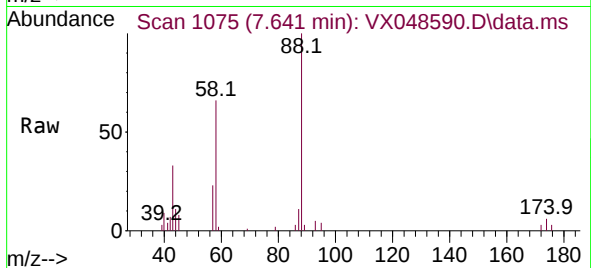
Ion	Ratio	Lower	Upper
88	100		
43	40.9	25.1	37.7
58	71.7	56.7	85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#50

Toluene-d8

Concen: 54.751 ug/l

RT: 8.628 min Scan# 1237

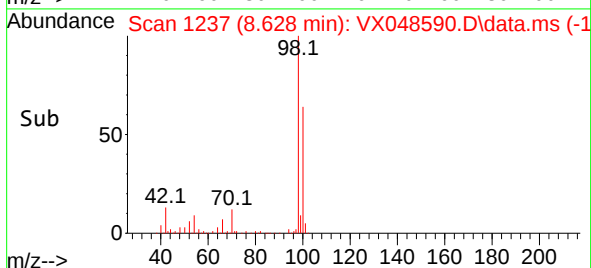
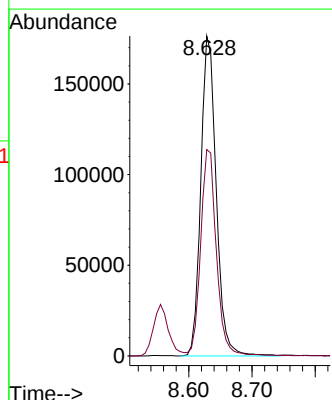
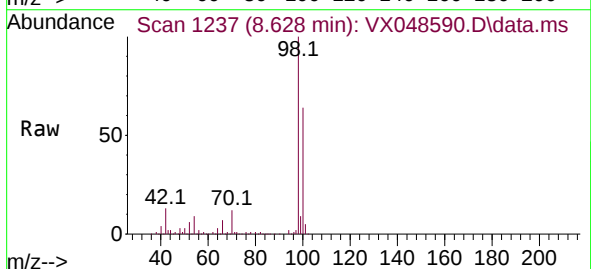
Delta R.T. -0.006 min

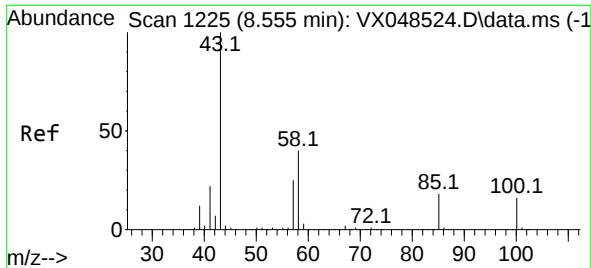
Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion: 98 Resp: 297120

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.6	80.4





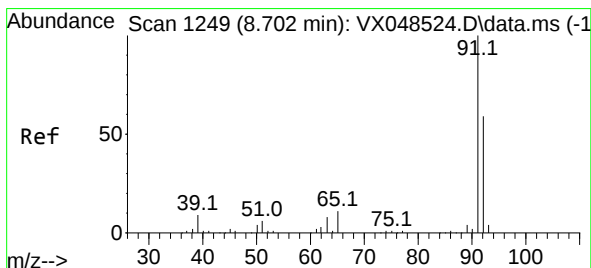
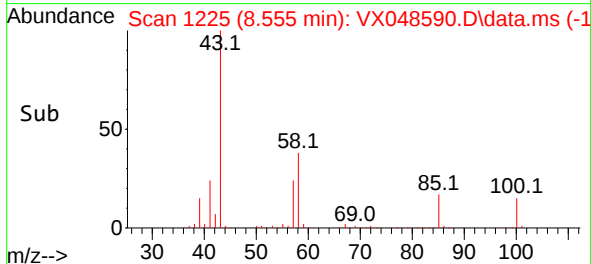
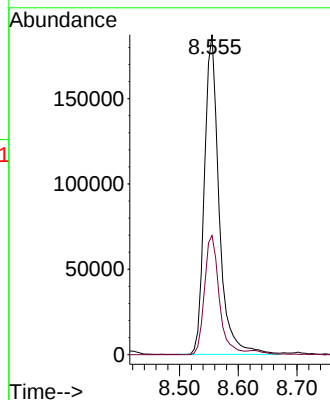
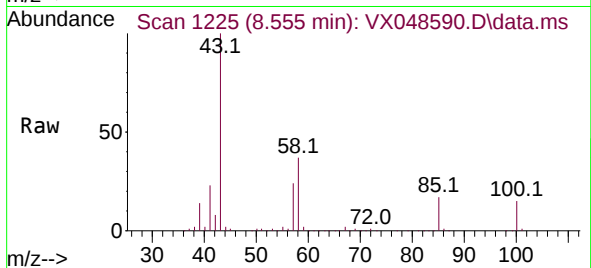
#51
4-Methyl-2-Pentanone
Concen: 123.744 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 43 Resp: 324745
Ion Ratio Lower Upper
43 100
58 37.4 32.3 48.5

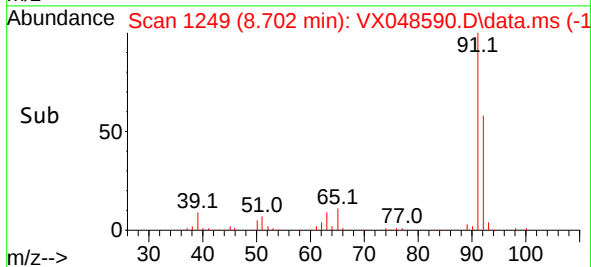
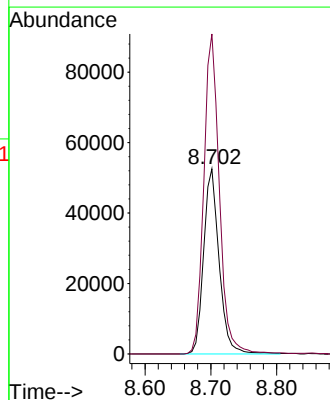
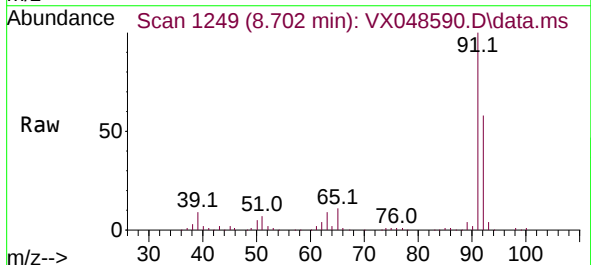
Manual Integrations
APPROVED

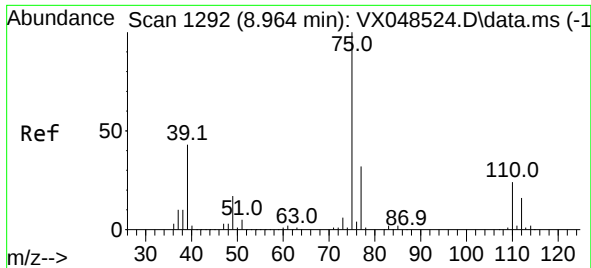
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#52
Toluene
Concen: 22.583 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 92 Resp: 85872
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.6





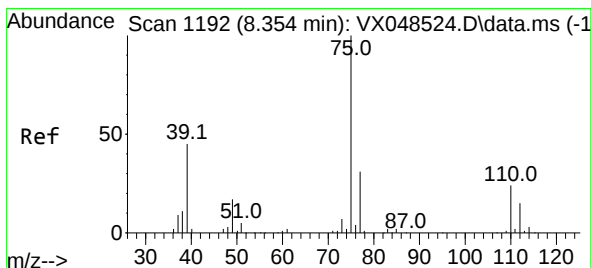
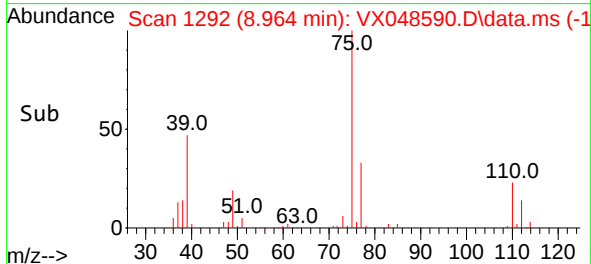
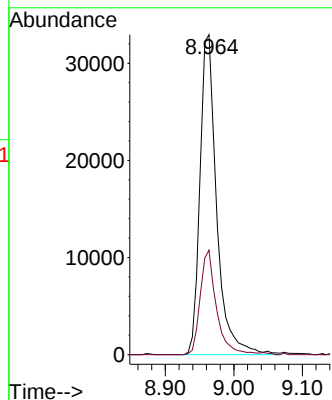
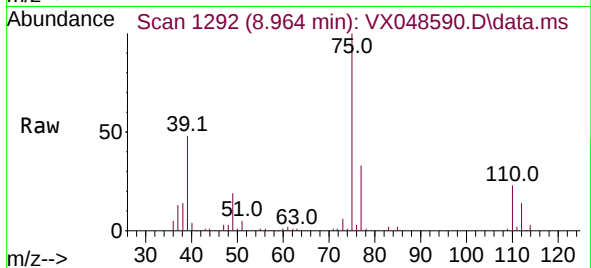
#53
t-1,3-Dichloropropene
Concen: 22.324 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 75 Resp: 55582
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6

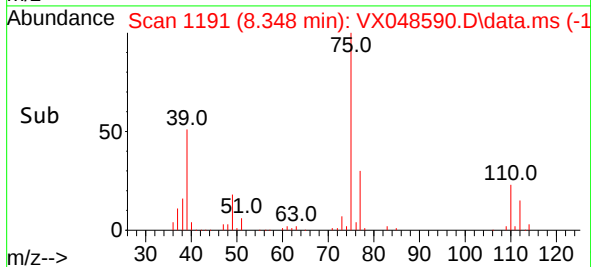
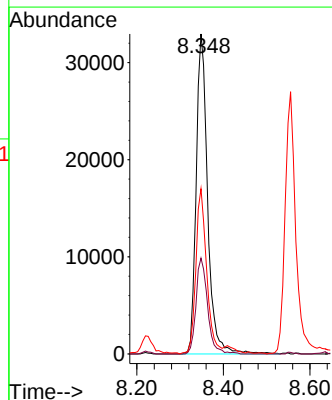
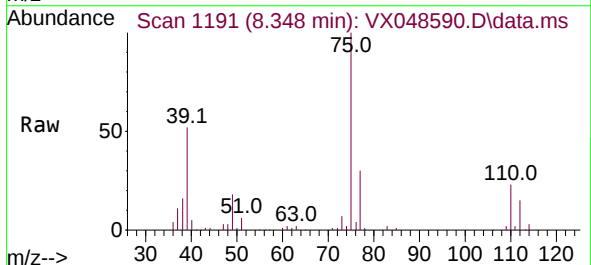
Manual Integrations
APPROVED

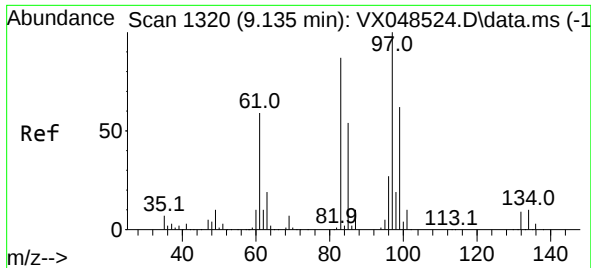
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#54
cis-1,3-Dichloropropene
Concen: 23.453 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 75 Resp: 60464
Ion Ratio Lower Upper
75 100
77 29.9 24.7 37.1
39 51.6 36.1 54.1





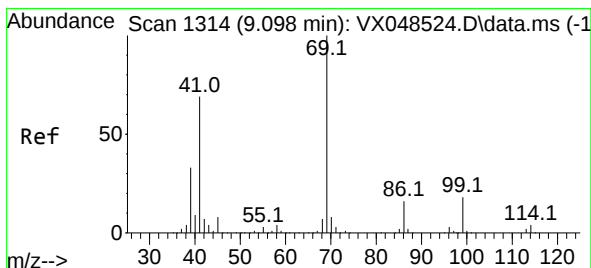
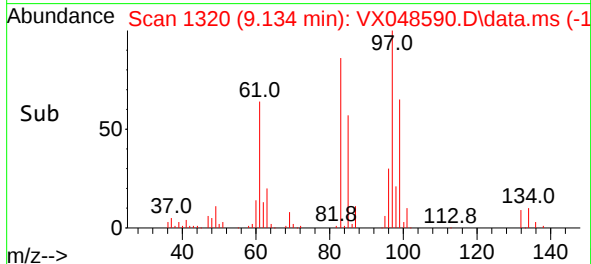
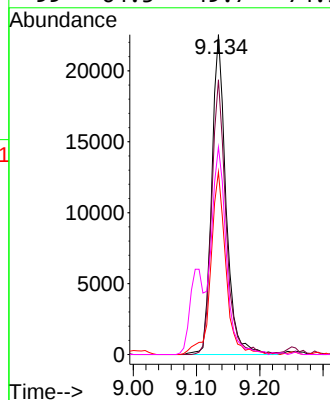
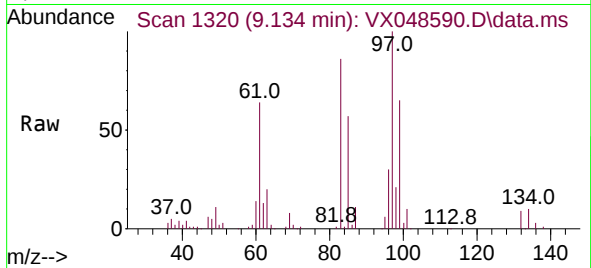
#55
1,1,2-Trichloroethane
Concen: 23.405 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument : MSVOA_X
ClientSampleId : VX1113WBSD01

Tgt Ion: 97	Resp: 3555
Ion Ratio	Lower Upper
97 100	
83 85.9	69.2 103.8
85 57.1	42.8 64.2
99 64.3	49.7 74.5

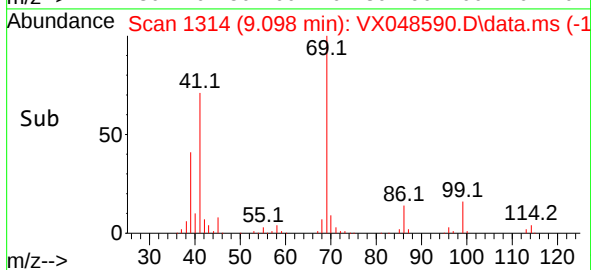
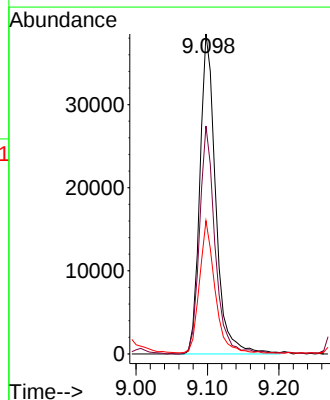
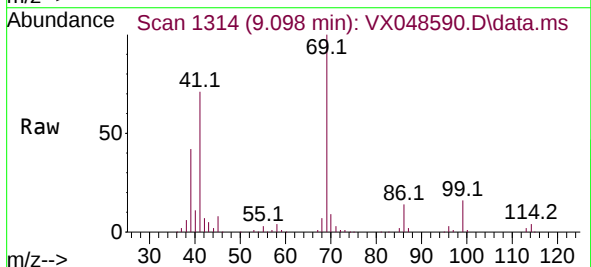
Manual Integrations
APPROVED

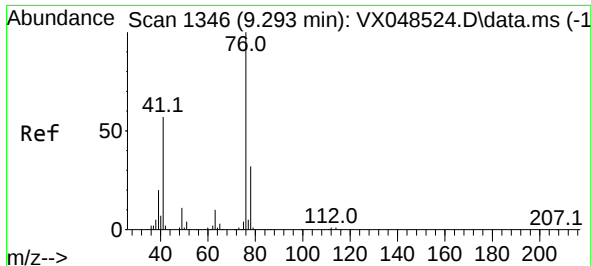
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#56
Ethyl methacrylate
Concen: 23.492 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

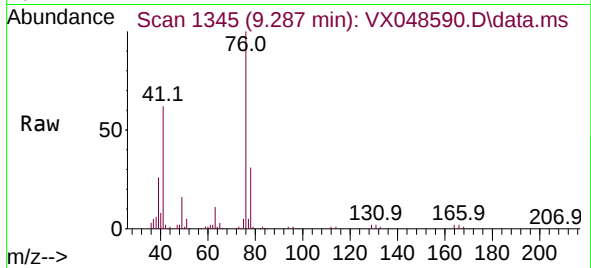
Tgt Ion: 69	Resp: 59377		
Ion Ratio	Lower	Upper	
69 100			
41 70.3	53.3	79.9	
39 40.7	26.1	39.1	#





#57
1,3-Dichloropropane
Concen: 23.533 ug/l
RT: 9.287 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

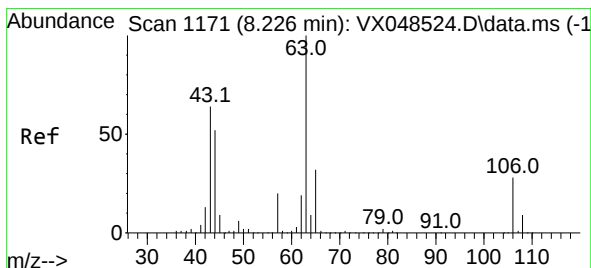
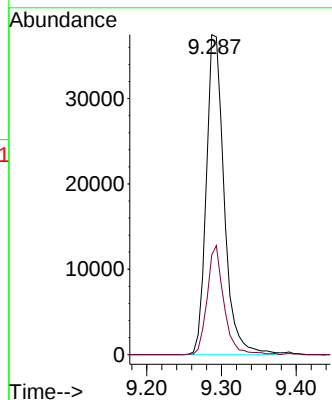
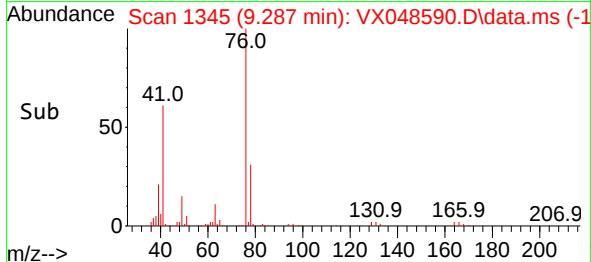
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 76 Resp: 6222
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.2

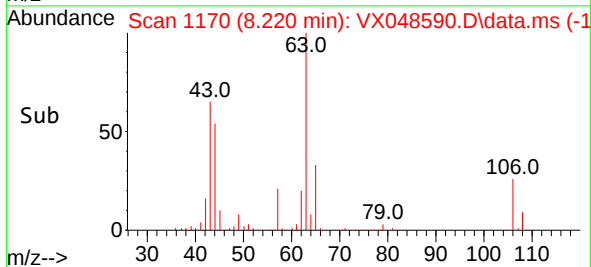
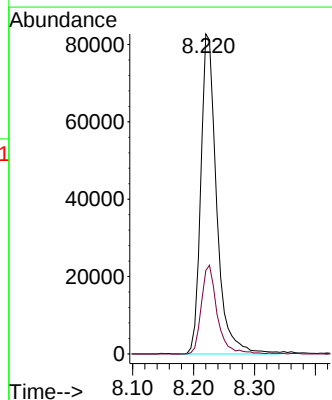
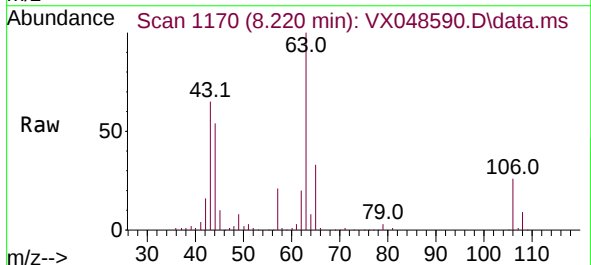
Manual Integrations
APPROVED

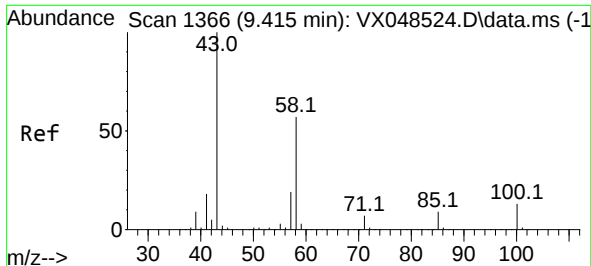
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 109.808 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

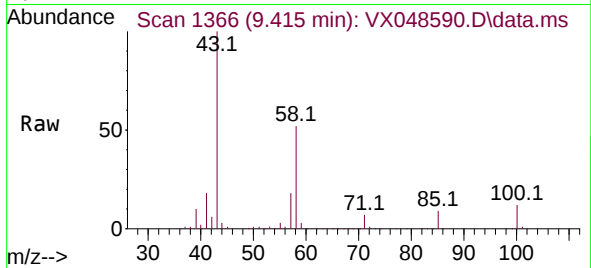
Tgt Ion: 63 Resp: 149216
Ion Ratio Lower Upper
63 100
106 27.6 23.0 34.4





#59
2-Hexanone
Concen: 124.695 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

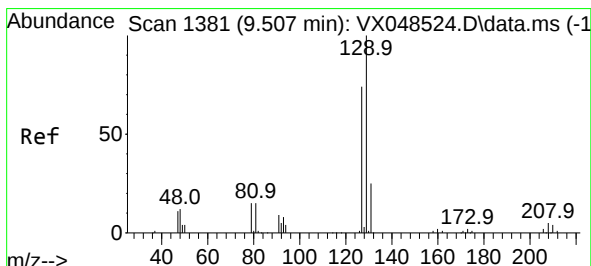
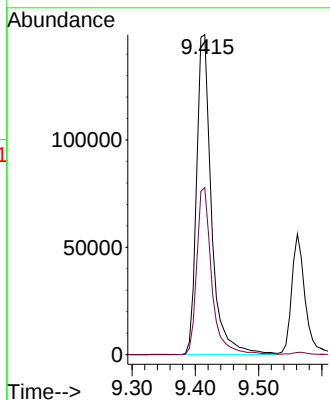
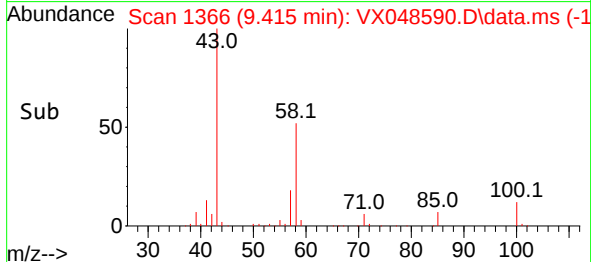
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 43 Resp: 243419
Ion Ratio Lower Upper
43 100
58 52.4 28.1 84.2

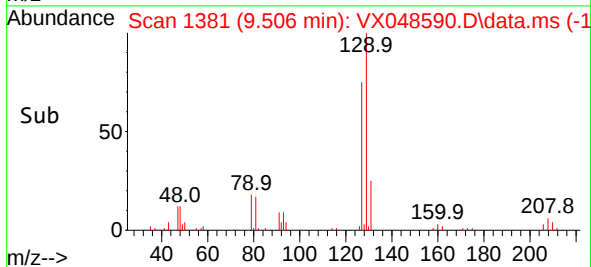
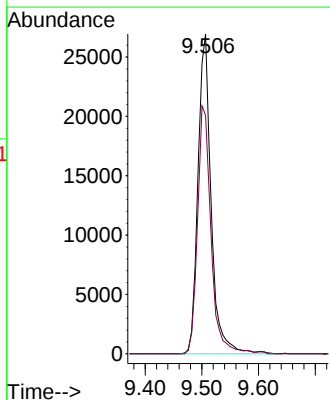
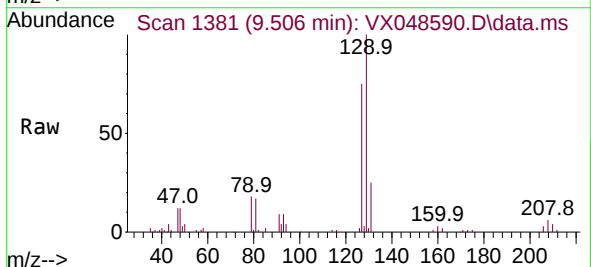
Manual Integrations
APPROVED

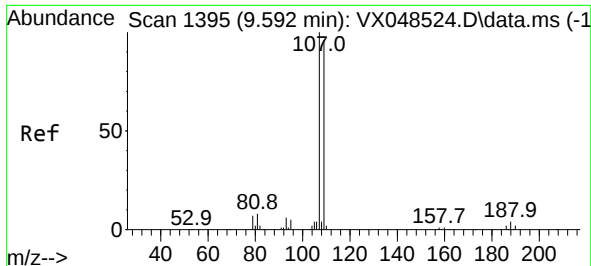
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#60
Dibromochloromethane
Concen: 23.288 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:129 Resp: 43438
Ion Ratio Lower Upper
129 100
127 79.4 38.0 114.0





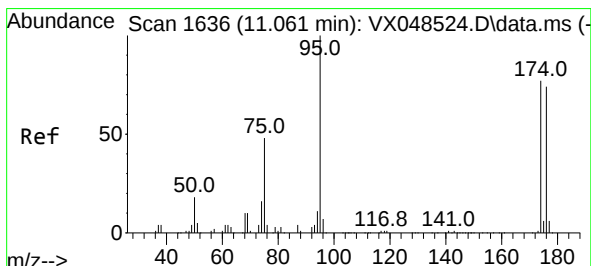
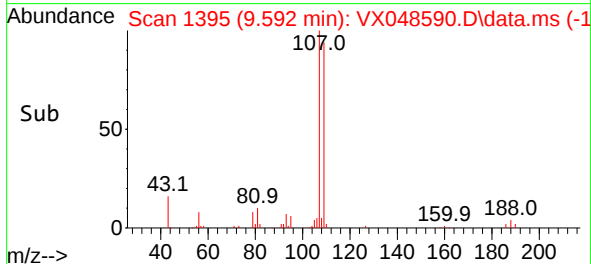
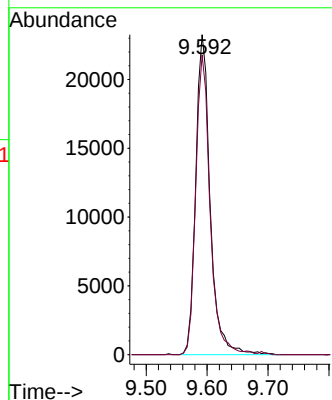
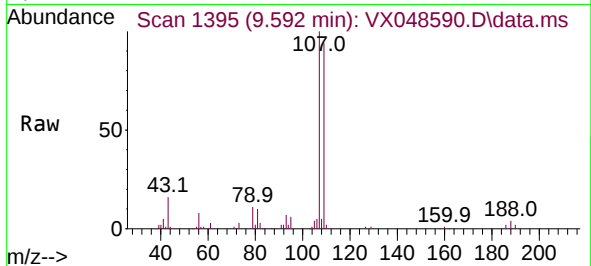
#61
1,2-Dibromoethane
Concen: 23.338 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion:107 Resp: 38402
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9

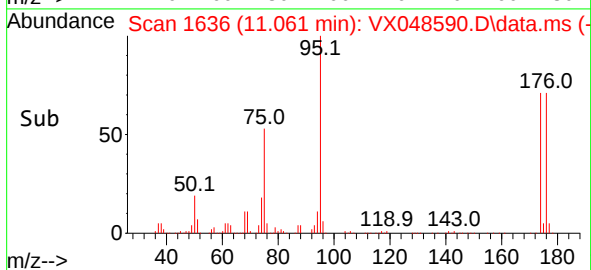
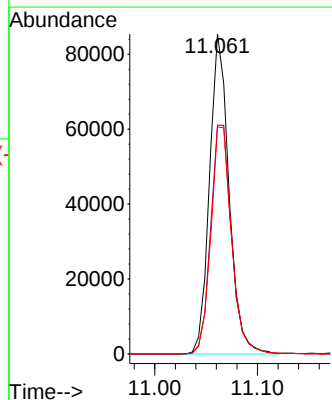
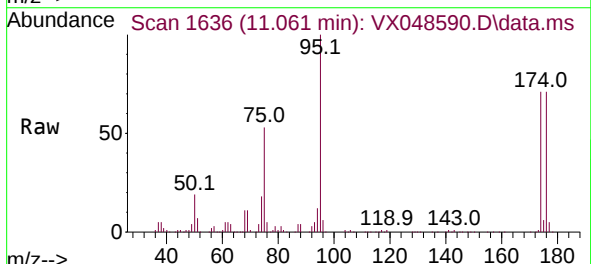
Manual Integrations
APPROVED

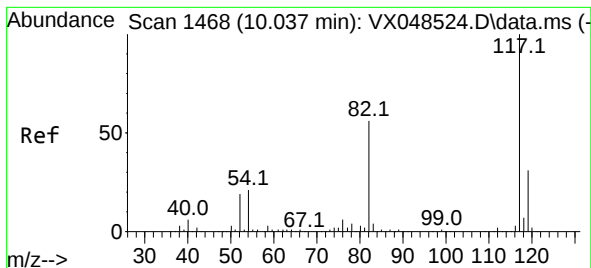
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#62
4-Bromofluorobenzene
Concen: 55.219 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

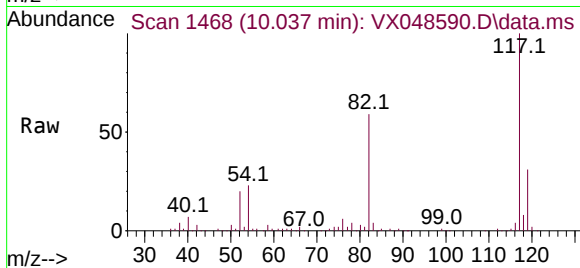
Tgt Ion: 95 Resp: 111675
Ion Ratio Lower Upper
95 100
174 77.4 0.0 161.8
176 75.8 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

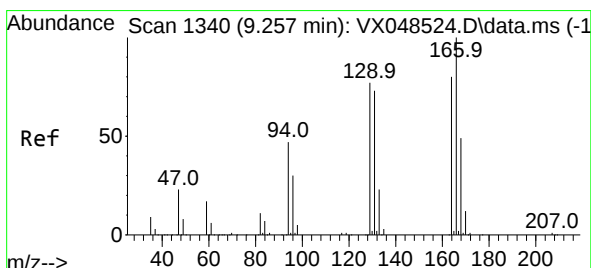
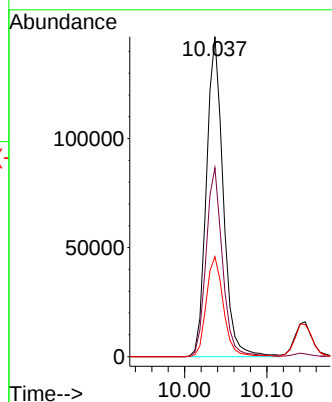
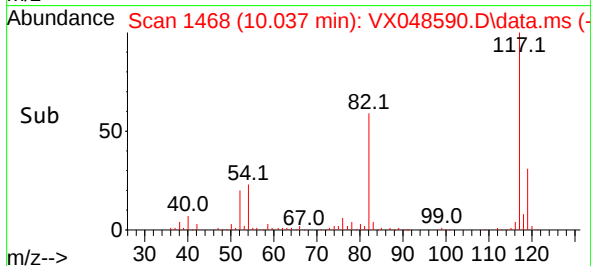
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion:117 Resp: 207601
Ion Ratio Lower Upper
117 100
82 59.0 44.4 66.6
119 31.2 25.1 37.7

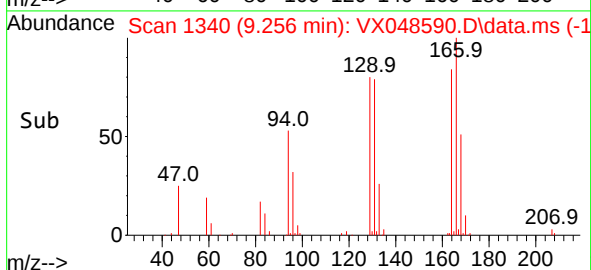
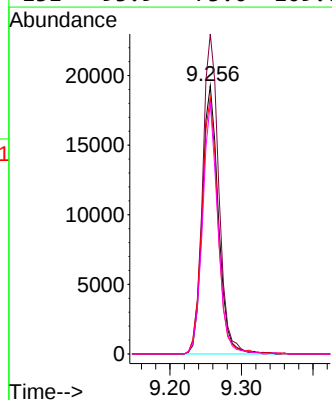
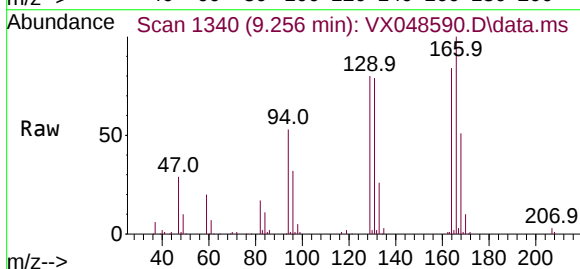
Manual Integrations
APPROVED

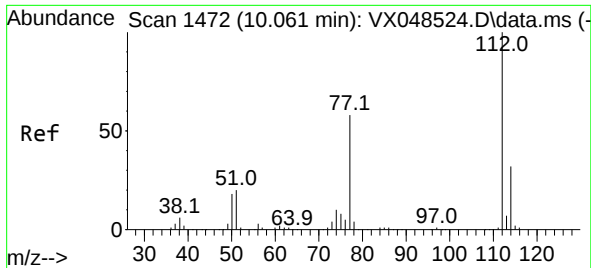
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 19.841 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:164 Resp: 29917
Ion Ratio Lower Upper
164 100
166 119.4 100.6 150.8
129 95.4 77.6 116.4
131 93.9 73.0 109.6





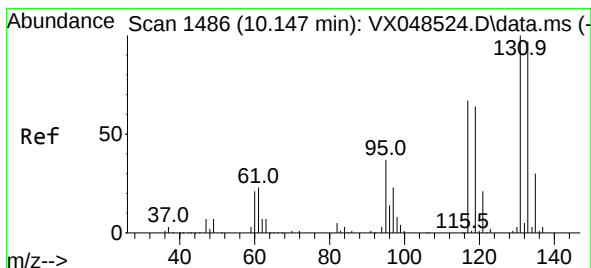
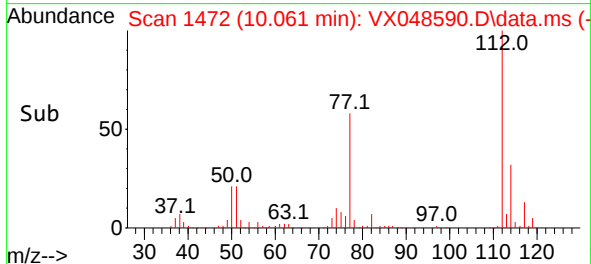
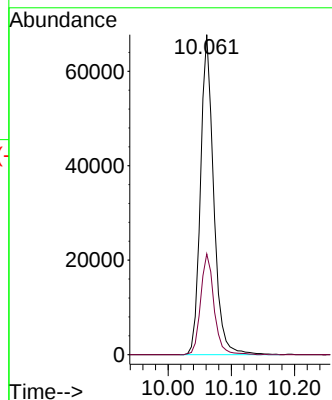
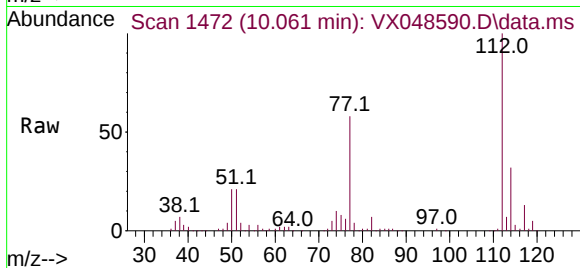
#65
Chlorobenzene
Concen: 19.749 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion:112 Resp: 97313
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

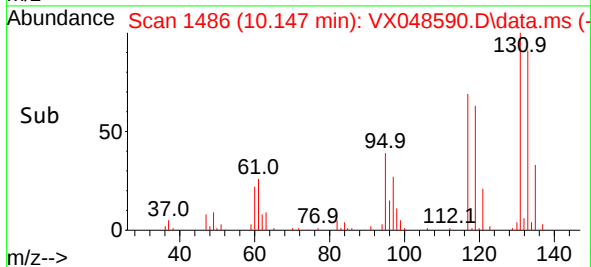
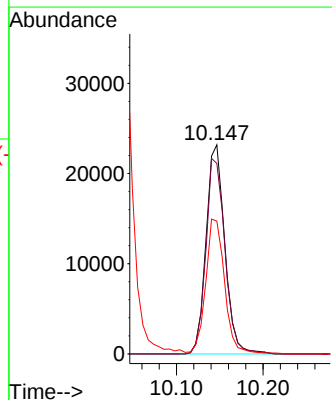
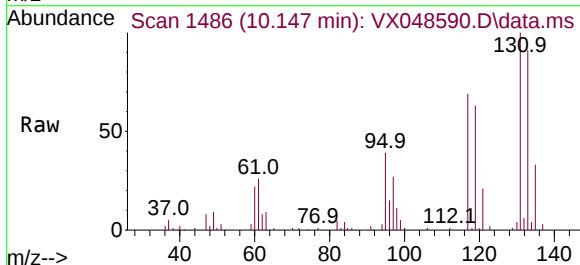
Manual Integrations
APPROVED

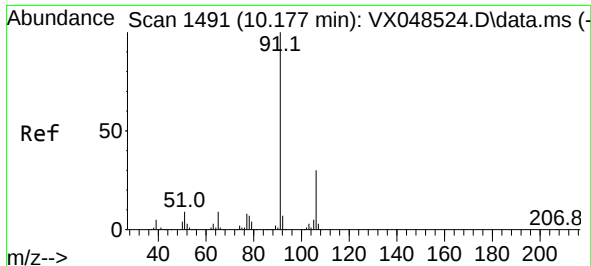
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.133 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:131 Resp: 34891
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 65.4 32.8 98.3





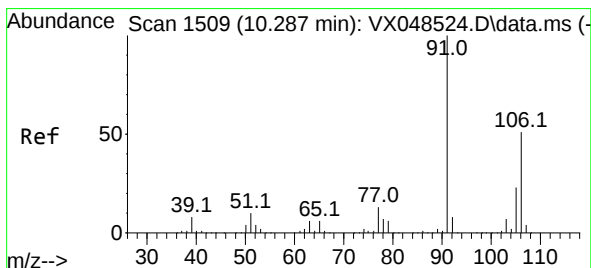
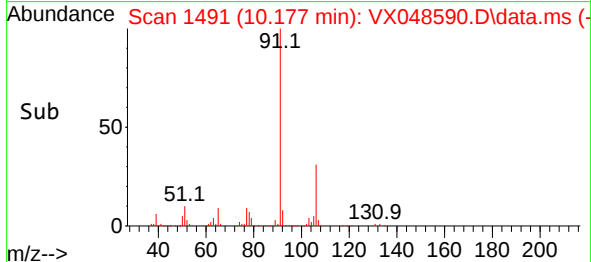
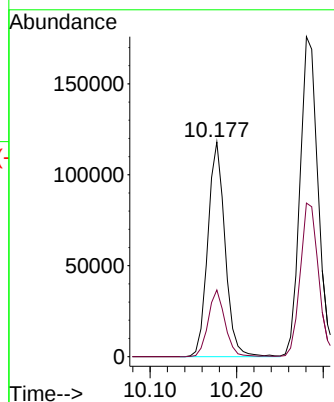
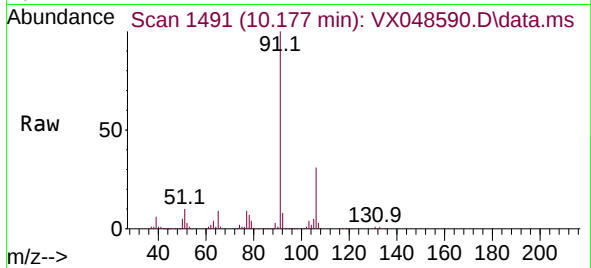
#67
Ethyl Benzene
Concen: 19.674 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 91 Resp: 162788
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

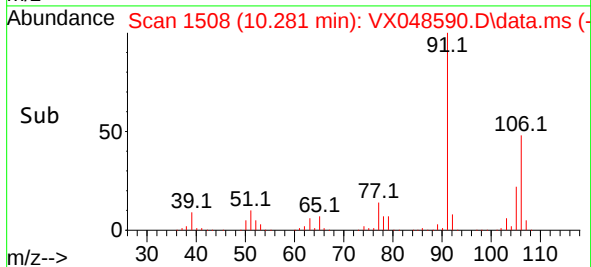
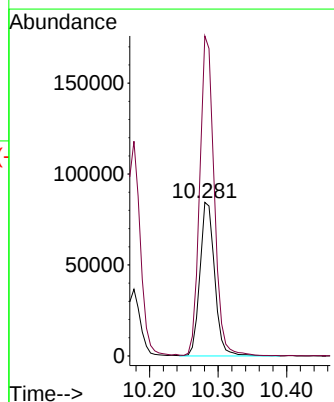
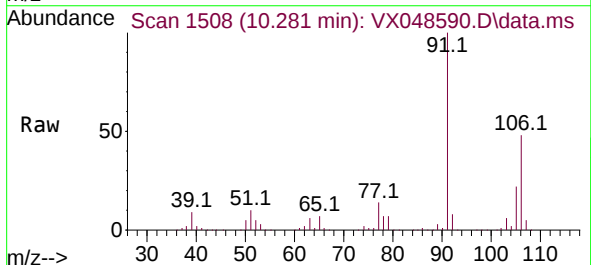
Manual Integrations
APPROVED

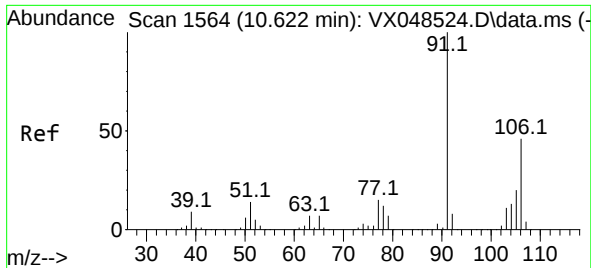
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#68
m/p-Xylenes
Concen: 40.331 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:106 Resp: 125684
Ion Ratio Lower Upper
106 100
91 204.6 159.6 239.4





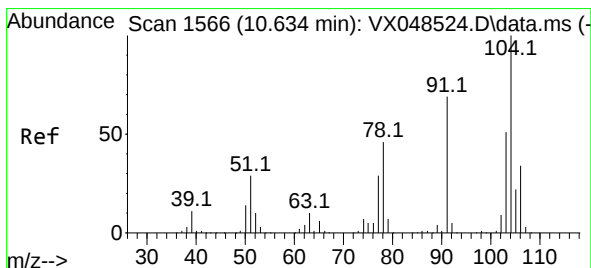
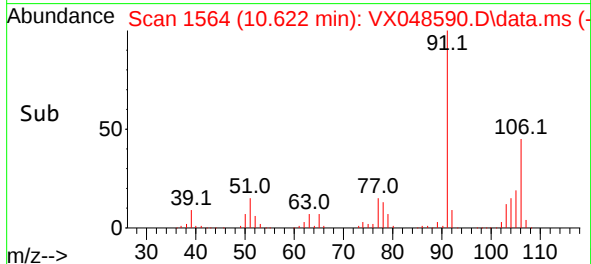
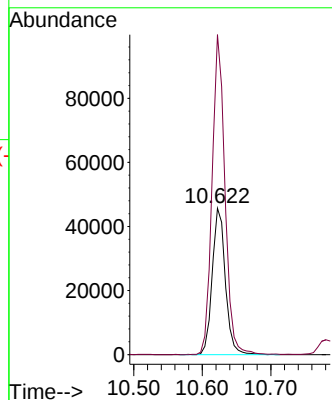
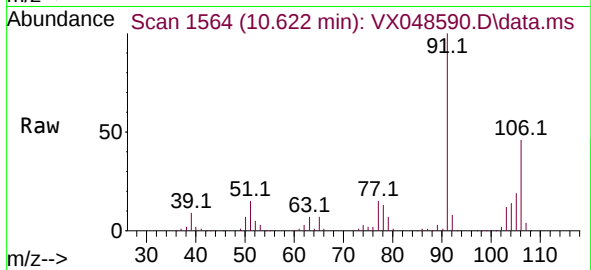
#69
o-Xylene
Concen: 19.986 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion:106 Resp: 60936
Ion Ratio Lower Upper
106 100
91 214.4 106.4 319.2

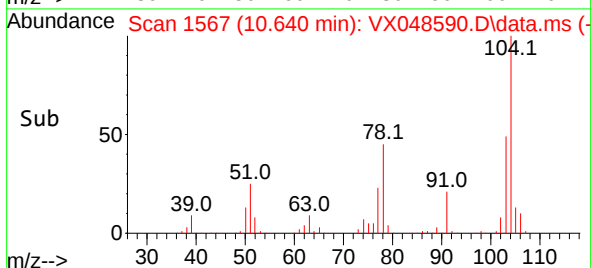
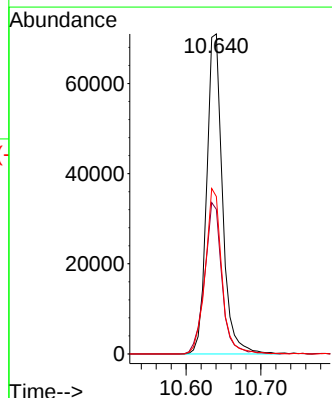
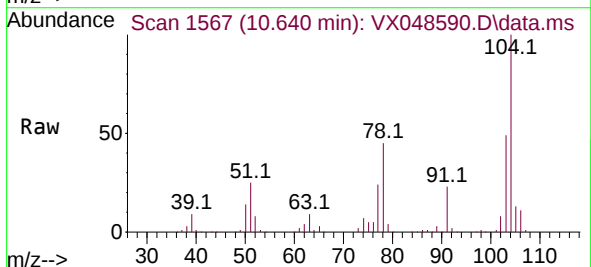
Manual Integrations
APPROVED

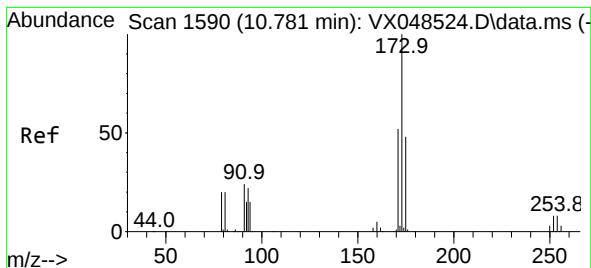
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 20.442 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:104 Resp: 104554
Ion Ratio Lower Upper
104 100
78 51.5 39.4 59.2
103 53.9 43.1 64.7





#71

Bromoform

Concen: 20.196 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

Tgt Ion:173 Resp: 30762

Ion Ratio Lower Upper

173 100

175 49.6 24.4 73.4

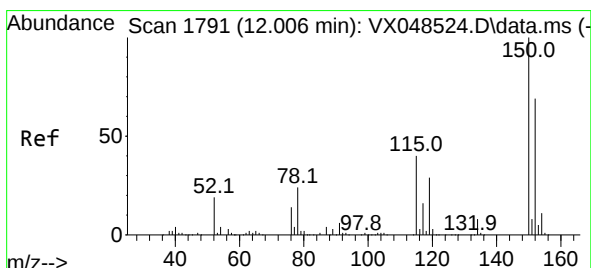
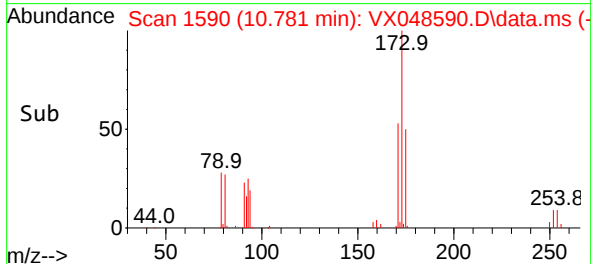
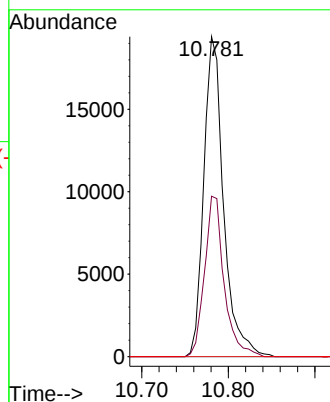
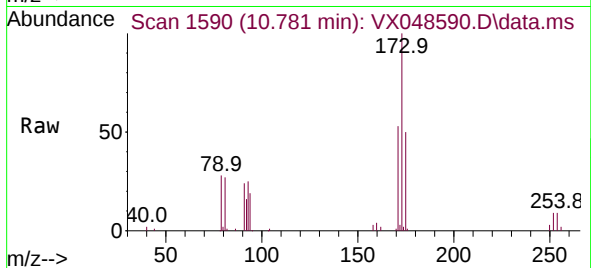
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

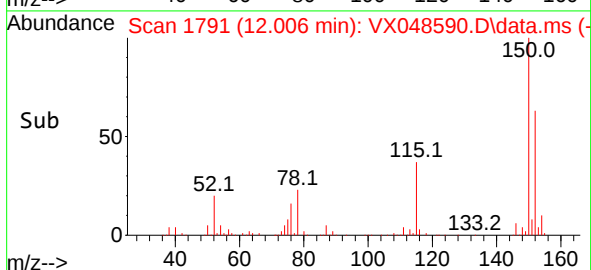
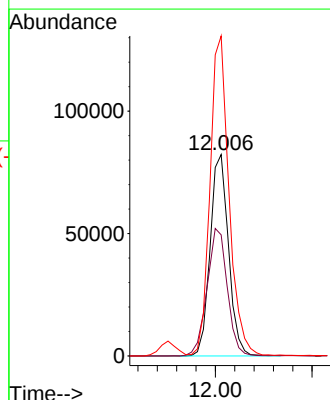
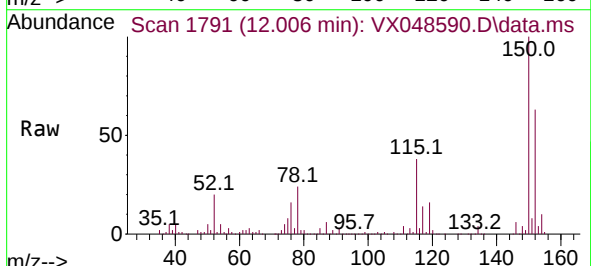
Tgt Ion:152 Resp: 108161

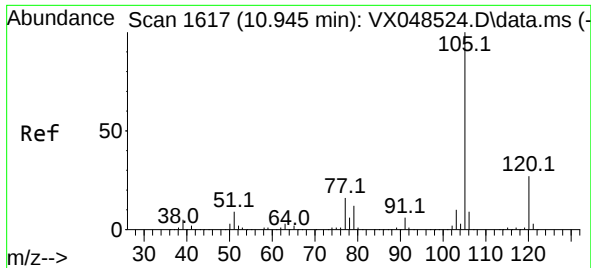
Ion Ratio Lower Upper

152 100

115 69.8 39.2 117.6

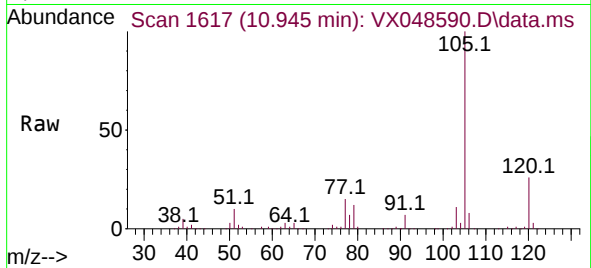
150 164.2 0.0 347.0





#73
Isopropylbenzene
Concen: 20.078 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

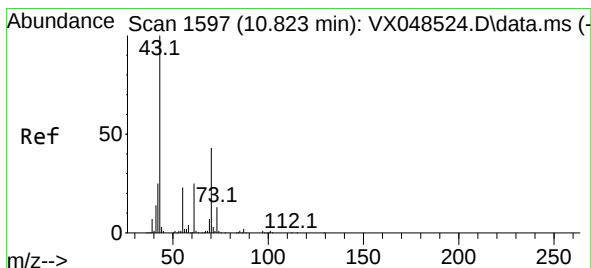
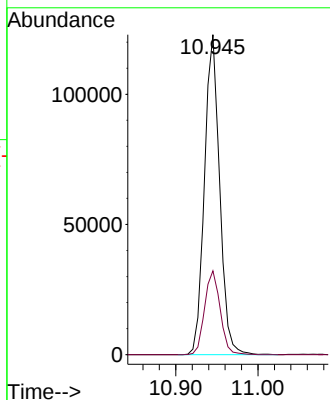
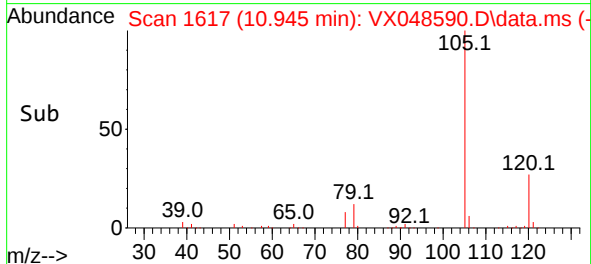
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion:105 Resp: 157636
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7

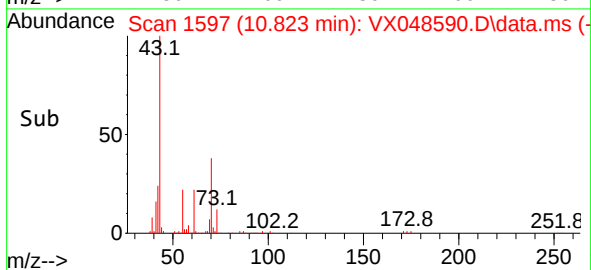
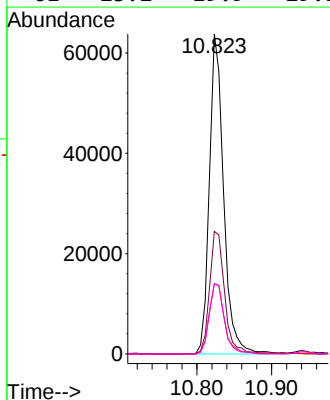
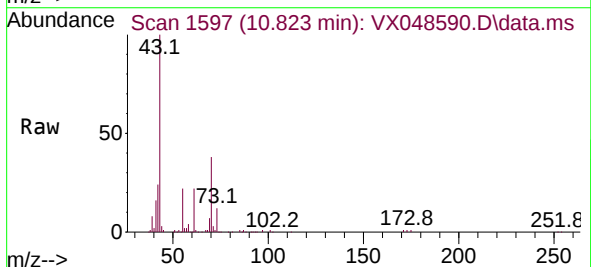
Manual Integrations
APPROVED

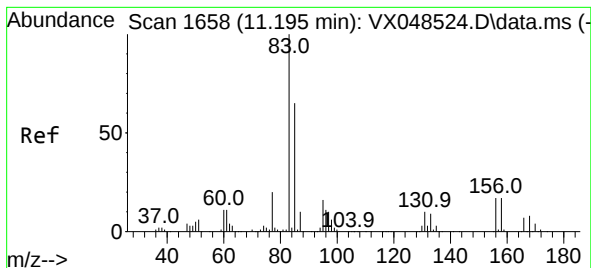
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#74
N-ethyl acetate
Concen: 21.424 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

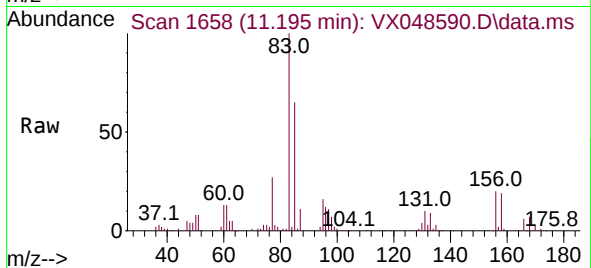
Tgt Ion: 43 Resp: 84456
Ion Ratio Lower Upper
43 100
70 40.4 35.1 52.7
55 23.6 19.3 28.9
61 23.2 19.9 29.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.429 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

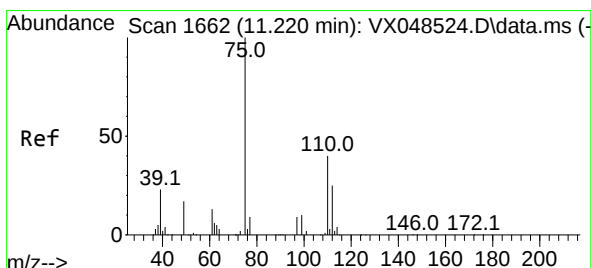
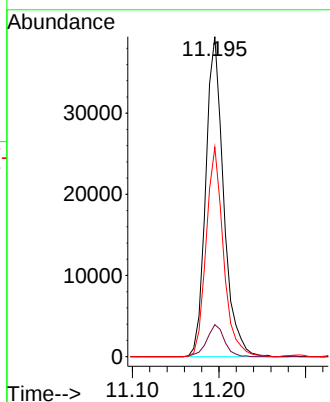
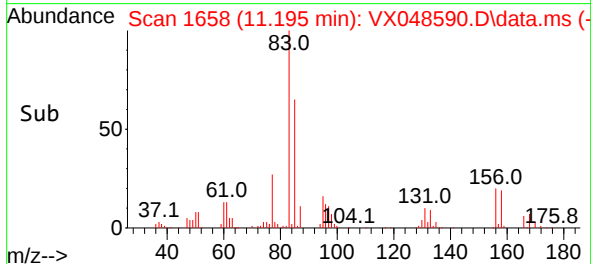
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



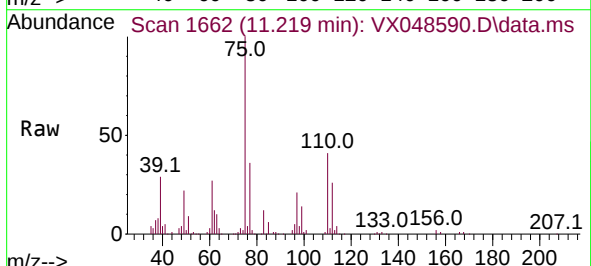
Tgt Ion: 83 Resp: 56560
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 63.3 32.3 96.8

Manual Integrations
APPROVED

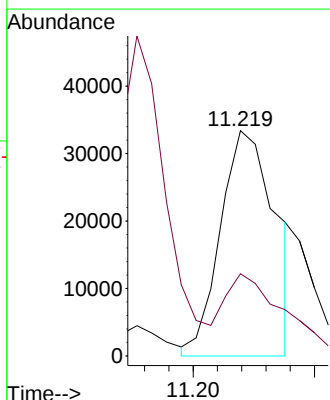
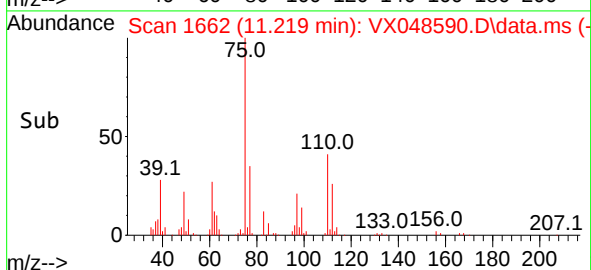
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

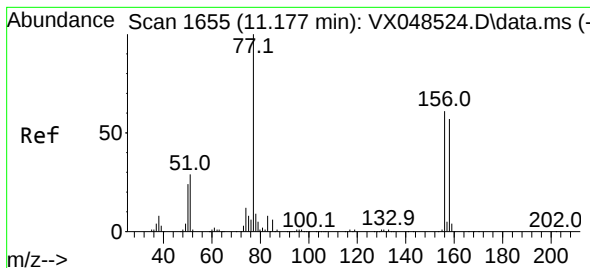


#76
1,2,3-Trichloropropane
Concen: 20.113 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20



Tgt Ion: 75 Resp: 52410
Ion Ratio Lower Upper
75 100
77 39.7 24.3 72.8





#77

Bromobenzene

Concen: 19.512 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

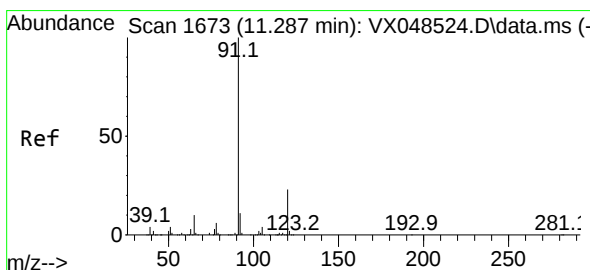
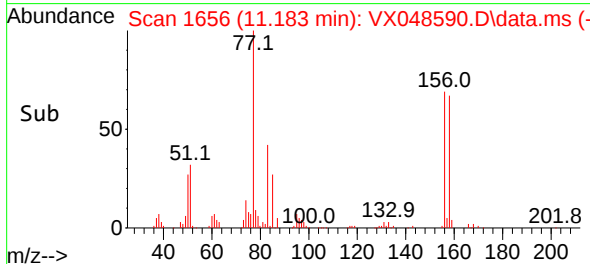
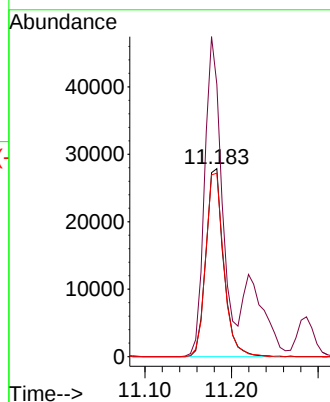
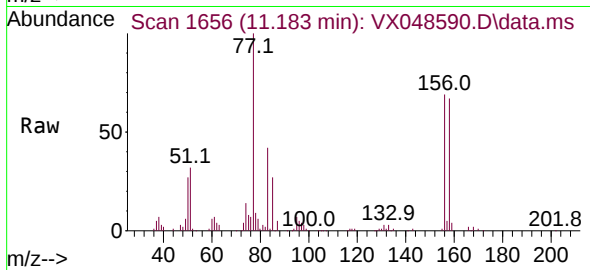
Tgt Ion:	156	Resp:	39556
Ion Ratio	Lower	Upper	
156	100		
77	166.4	78.1	234.4
158	99.5	48.5	145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 20.096 ug/l

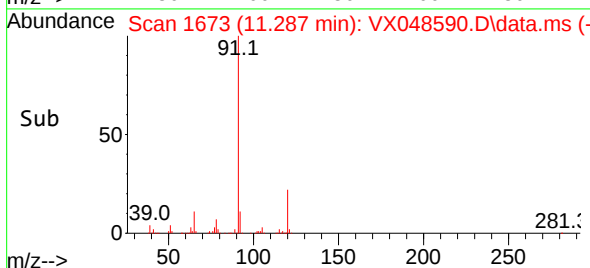
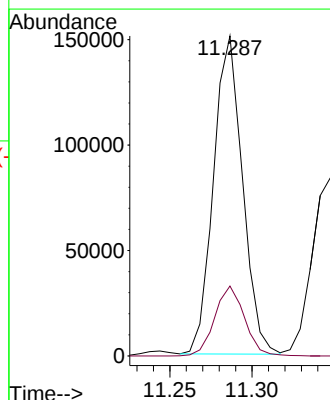
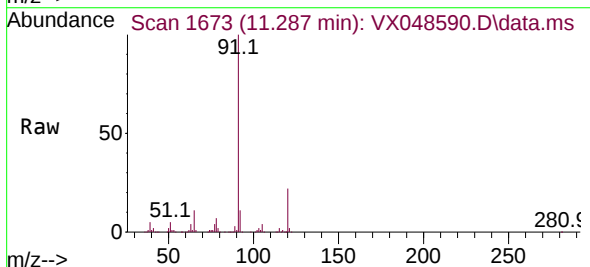
RT: 11.287 min Scan# 1673

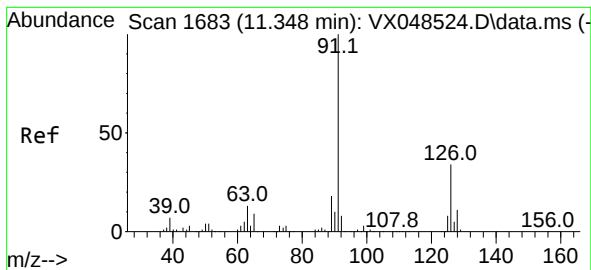
Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Tgt Ion:	91	Resp:	185522
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.6	34.8





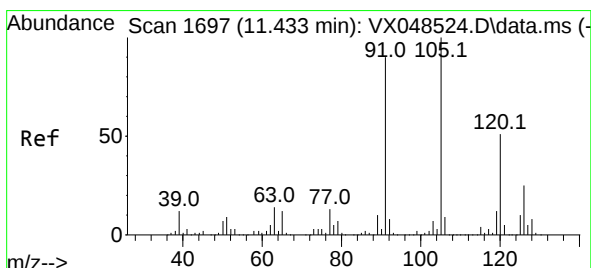
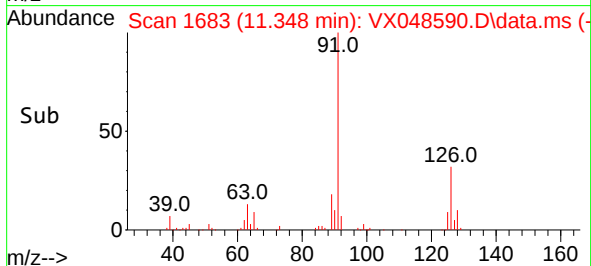
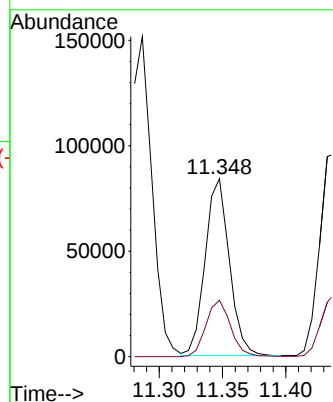
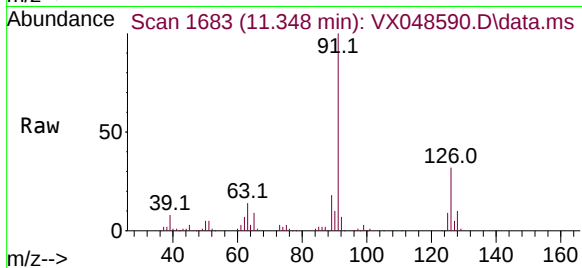
#79
2-Chlorotoluene
Concen: 19.977 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 91 Resp: 111440
Ion Ratio Lower Upper
91 100
126 32.6 17.1 51.2

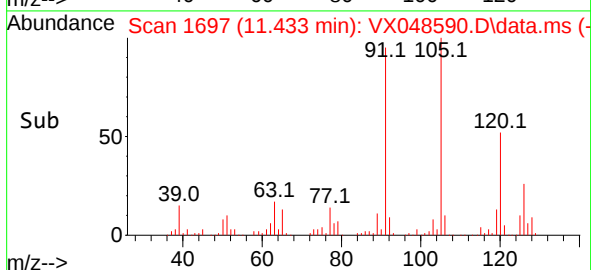
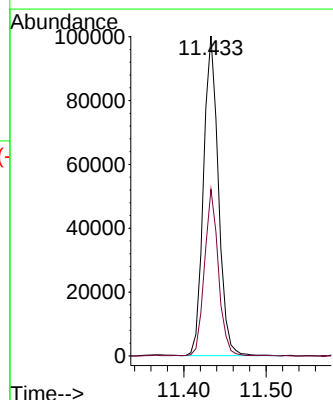
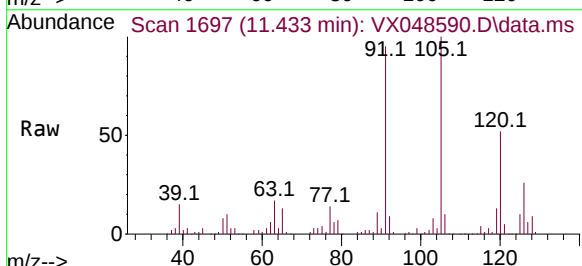
Manual Integrations
APPROVED

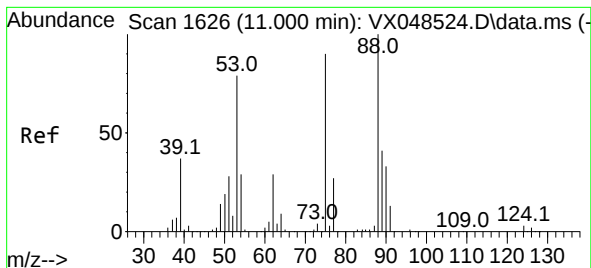
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.608 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:105 Resp: 125499
Ion Ratio Lower Upper
105 100
120 48.4 25.1 75.2





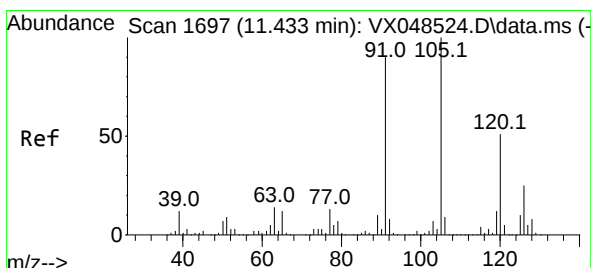
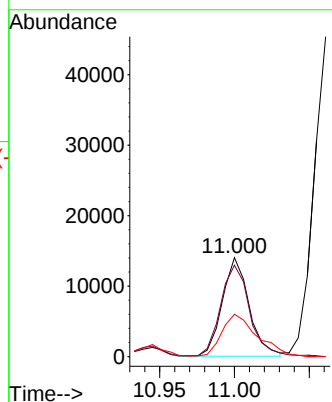
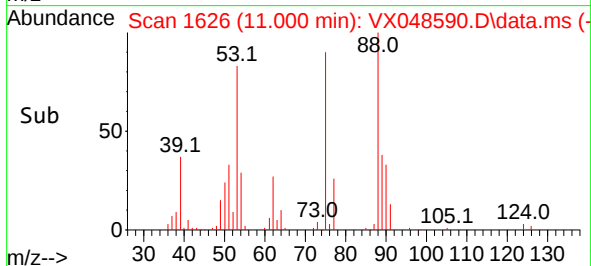
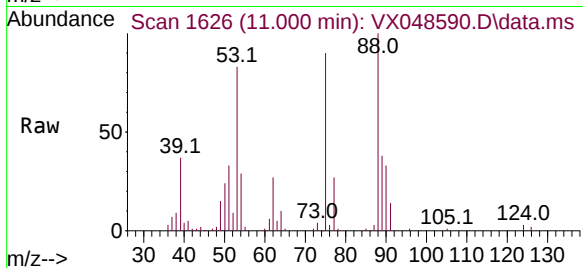
#81
trans-1,4-Dichloro-2-butene
Concen: 19.200 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01

Tgt Ion: 75 Resp: 17491
Ion Ratio Lower Upper
75 100
53 101.3 72.4 108.6
89 57.1 43.6 65.4

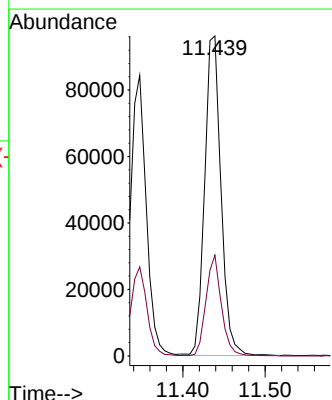
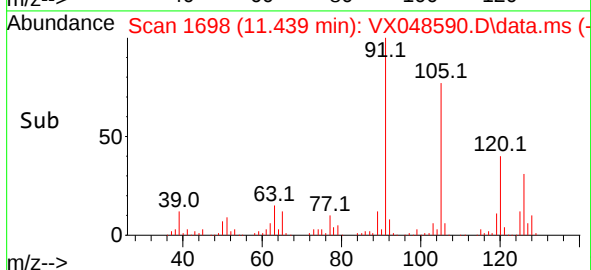
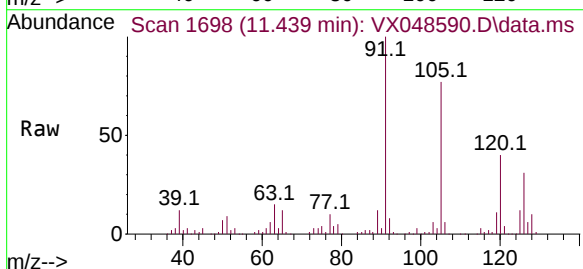
Manual Integrations
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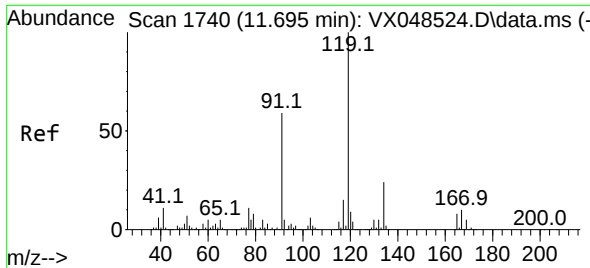
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 20.275 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

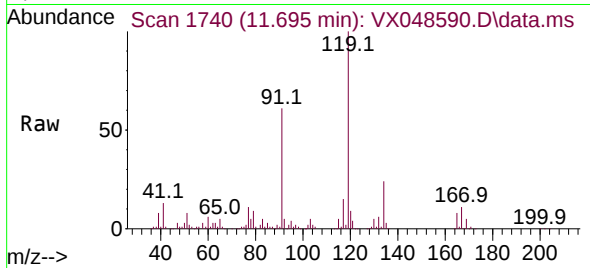
Tgt Ion: 91 Resp: 132667
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.7





#83
tert-Butylbenzene
Concen: 19.943 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

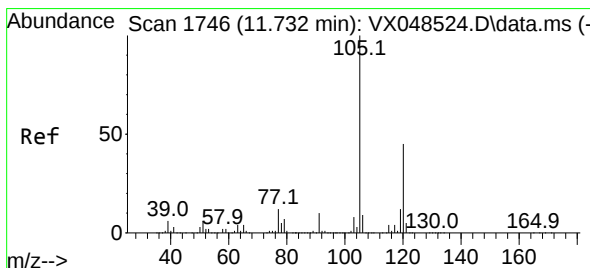
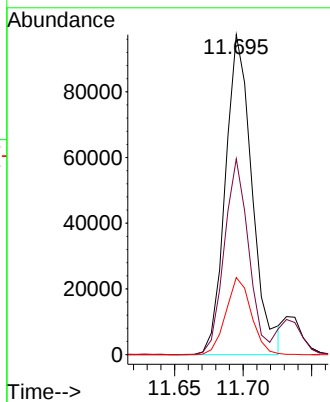
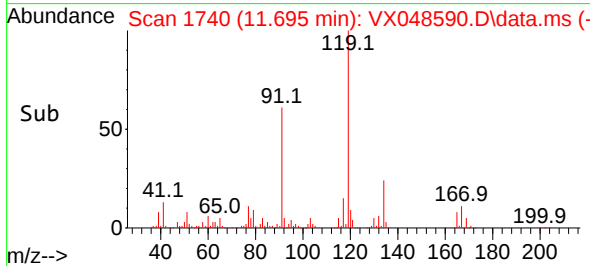
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



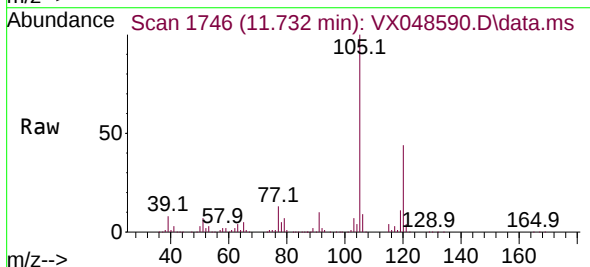
Tgt Ion:119 Resp: 132019
Ion Ratio Lower Upper
119 100
91 56.1 27.1 81.3
134 22.9 11.4 34.1

Manual Integrations
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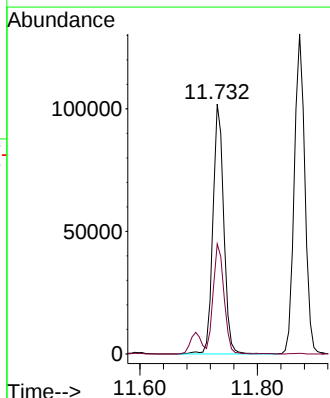
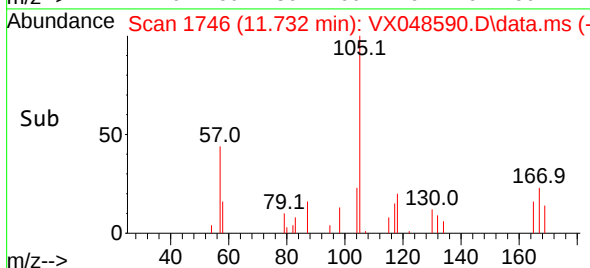
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

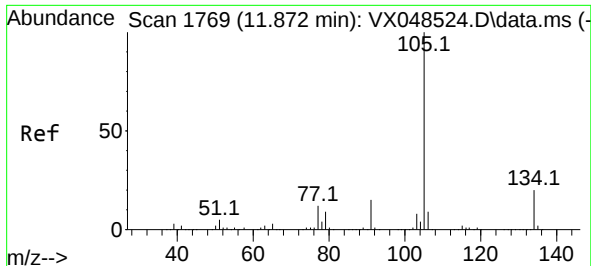


#84
1,2,4-Trimethylbenzene
Concen: 20.211 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20



Tgt Ion:105 Resp: 130516
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0





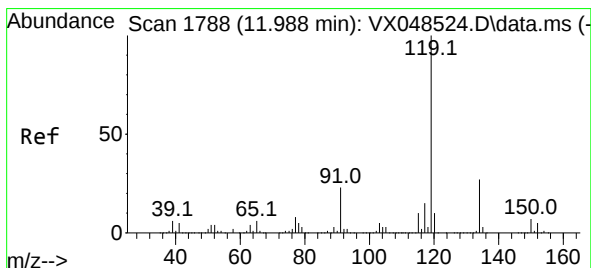
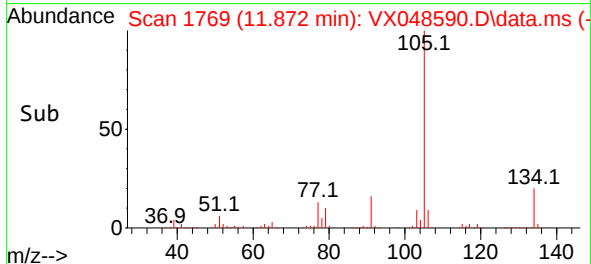
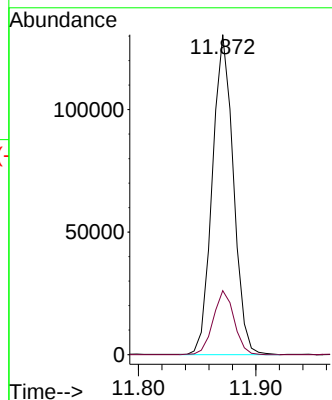
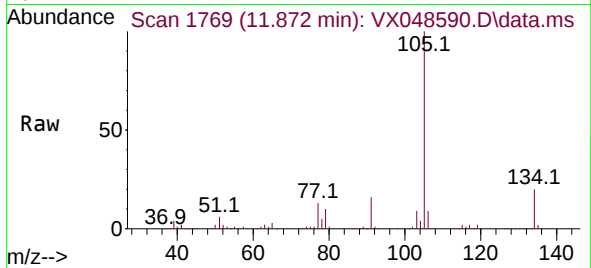
#85
 sec-Butylbenzene
 Concen: 19.885 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048590.D
 Acq: 13 Nov 2025 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Tgt Ion:105 Resp: 162691
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

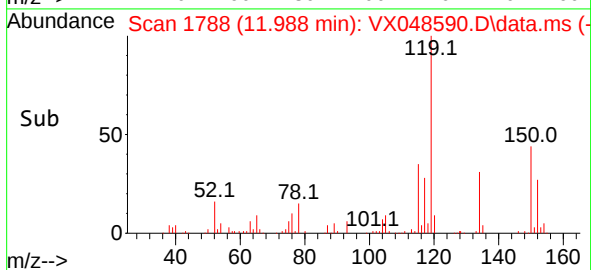
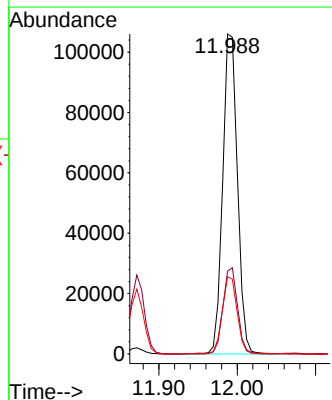
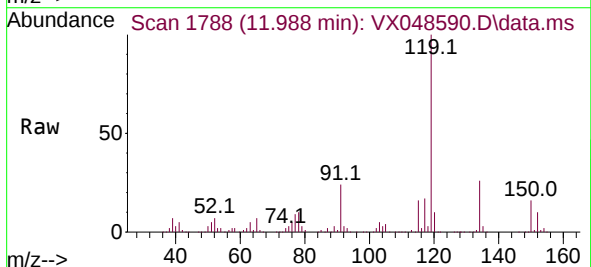
Manual Integrations
 APPROVED

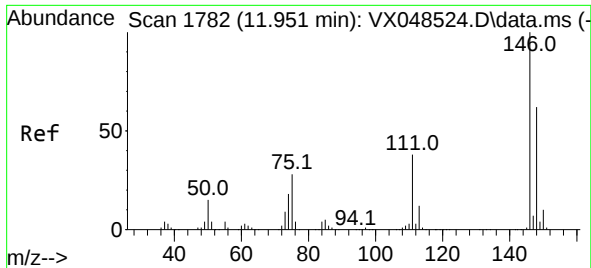
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#86
 p-Isopropyltoluene
 Concen: 20.108 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048590.D
 Acq: 13 Nov 2025 13:20

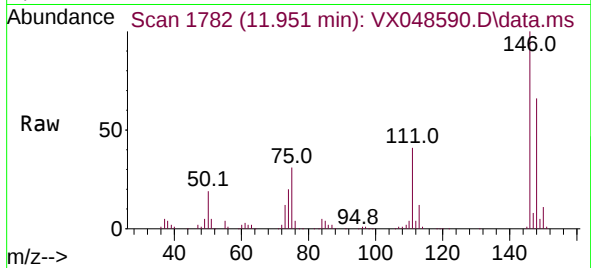
Tgt Ion:119 Resp: 138317
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 24.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.416 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

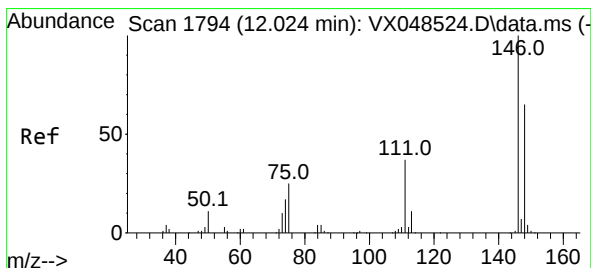
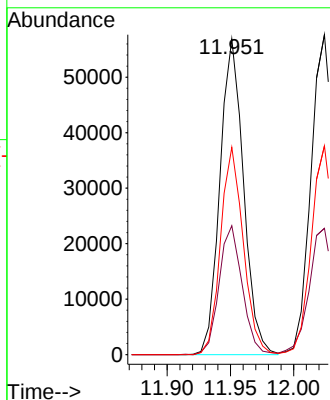
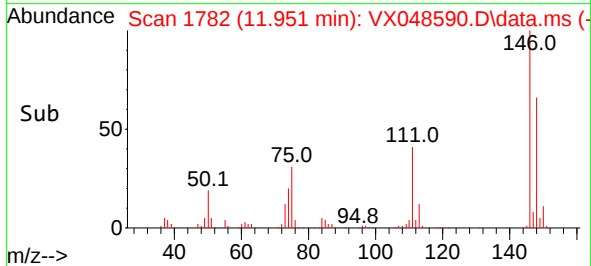
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



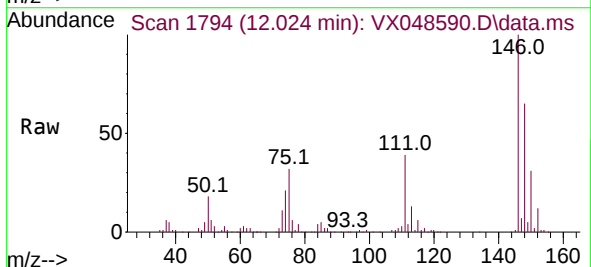
Tgt Ion:146 Resp: 73774
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.4 31.6 95.0

Manual Integrations
APPROVED

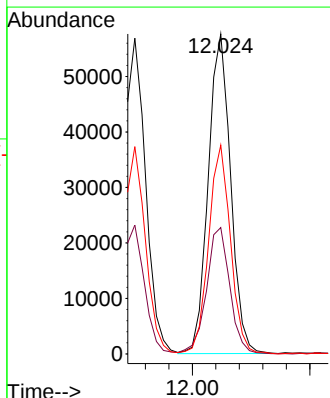
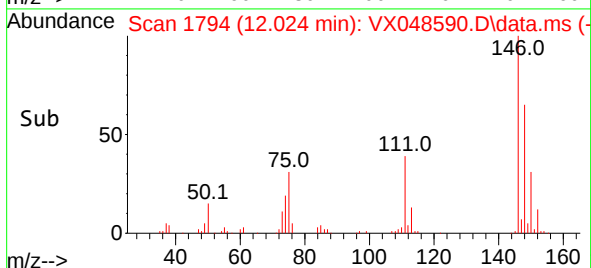
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

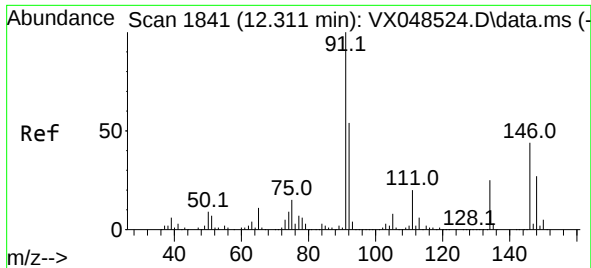


#88
1,4-Dichlorobenzene
Concen: 19.436 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20



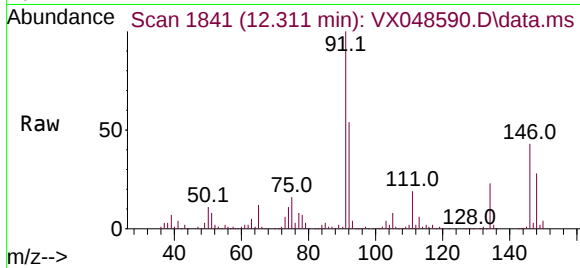
Tgt Ion:146 Resp: 76281
Ion Ratio Lower Upper
146 100
111 41.2 19.2 57.6
148 64.1 31.9 95.9





#89
n-Butylbenzene
Concen: 19.937 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

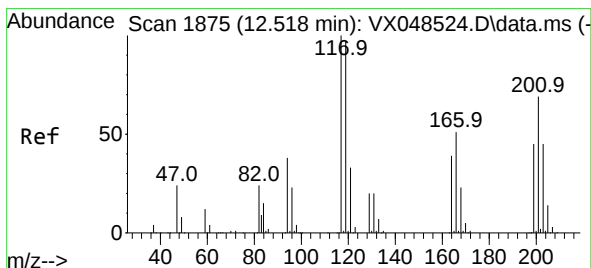
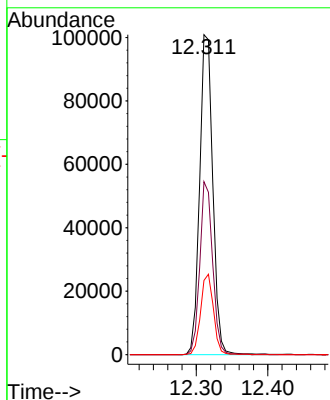
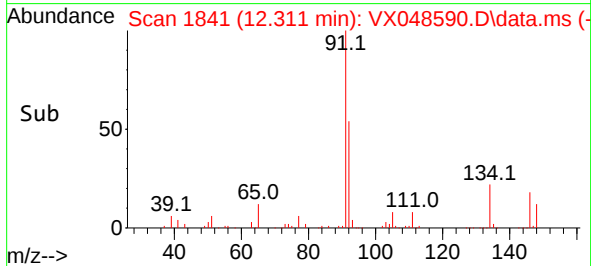
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion: 91 Resp: 128649
Ion Ratio Lower Upper
91 100
92 52.5 27.2 81.5
134 24.5 13.0 39.0

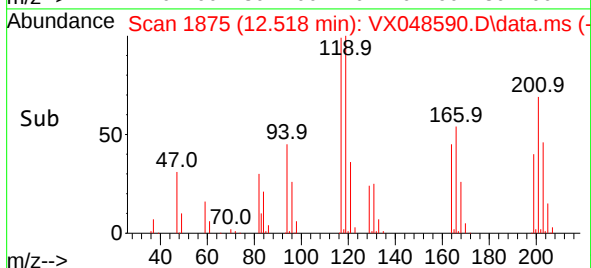
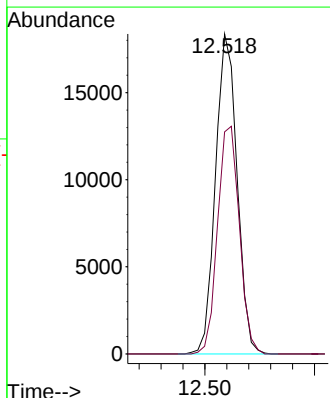
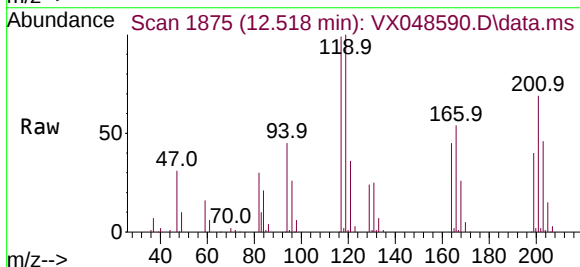
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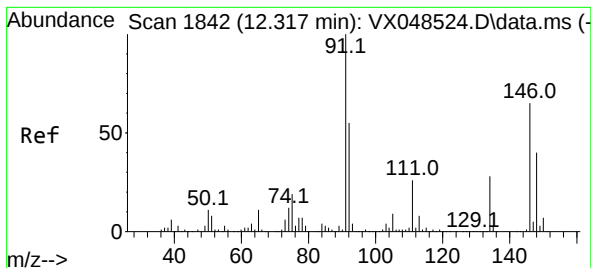
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#90
Hexachloroethane
Concen: 19.132 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

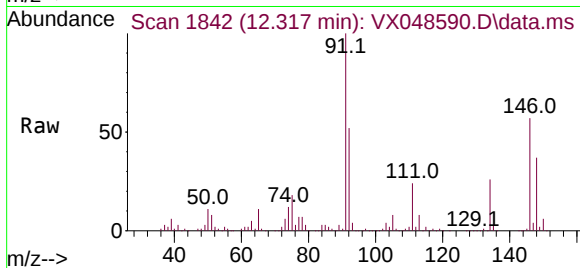
Tgt Ion:117 Resp: 25073
Ion Ratio Lower Upper
117 100
201 72.0 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 19.822 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

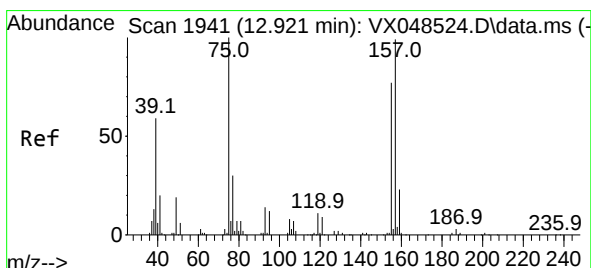
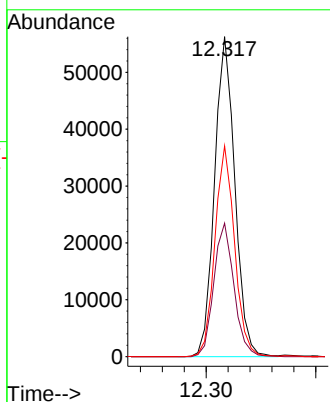
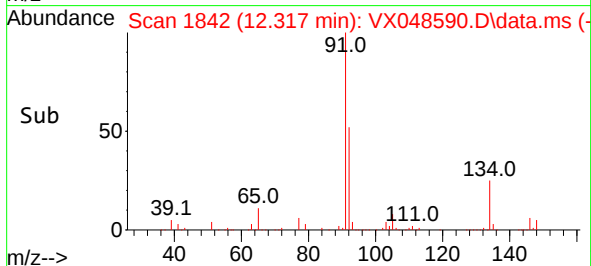
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion:146 Resp: 72303
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 63.8 31.4 94.2

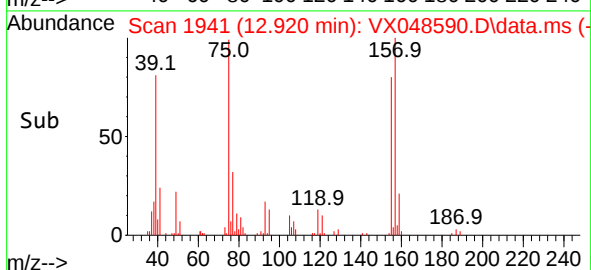
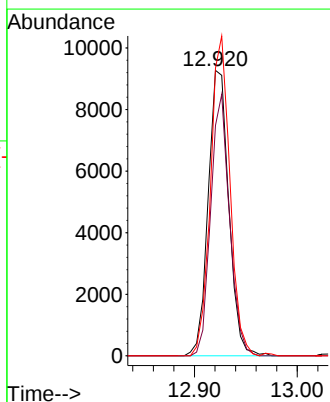
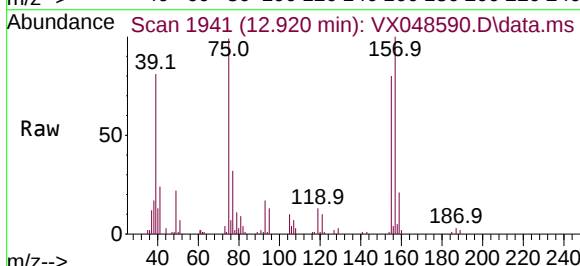
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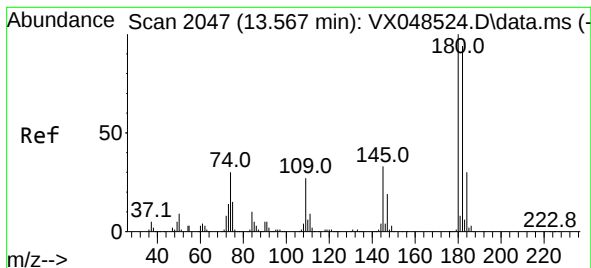
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.077 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion: 75 Resp: 12918
Ion Ratio Lower Upper
75 100
155 83.9 43.5 130.7
157 105.5 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 19.054 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBSD01

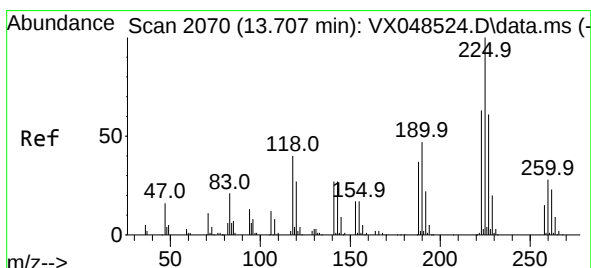
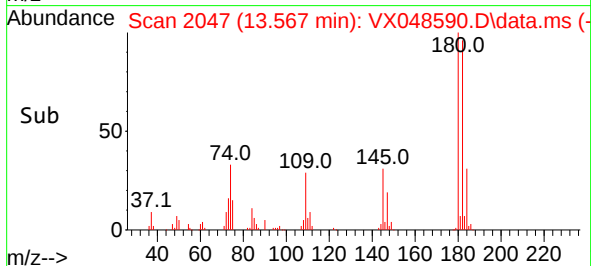
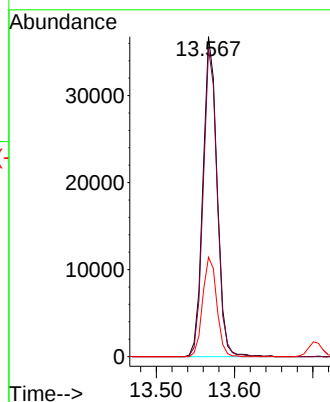
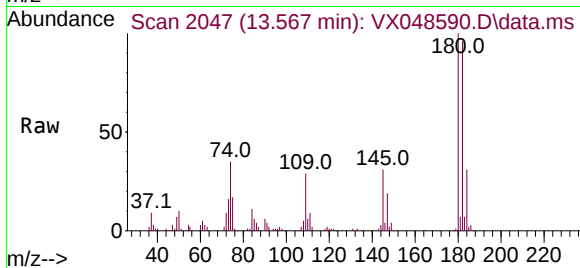
Tgt Ion:	180	Resp:	46185
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.6
145	30.8	15.9	47.7

Manual Integrations

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Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#94

Hexachlorobutadiene

Concen: 18.994 ug/l

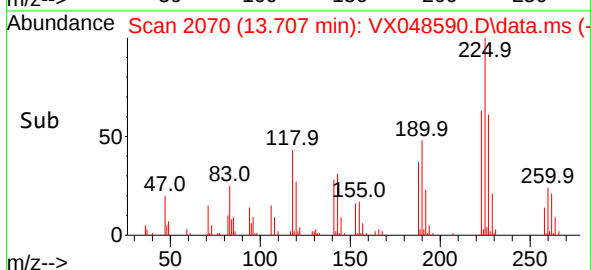
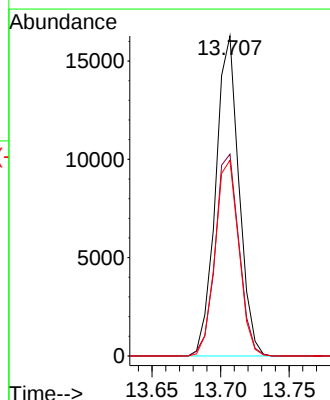
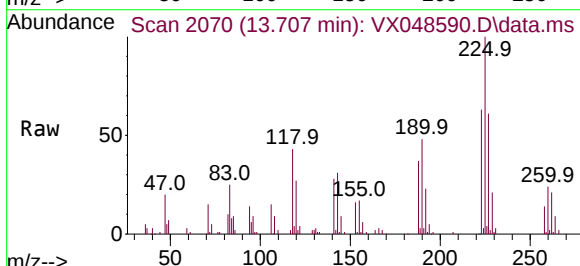
RT: 13.707 min Scan# 2070

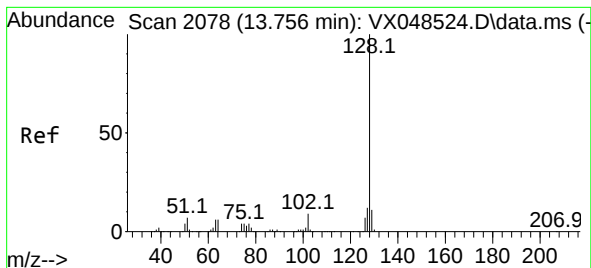
Delta R.T. -0.000 min

Lab File: VX048590.D

Acq: 13 Nov 2025 13:20

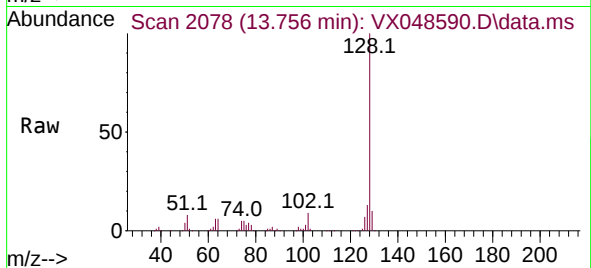
Tgt Ion:	225	Resp:	19246
Ion Ratio	Lower	Upper	
225	100		
223	64.4	30.6	92.0
227	62.2	32.5	97.4





#95
Naphthalene
Concen: 19.876 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

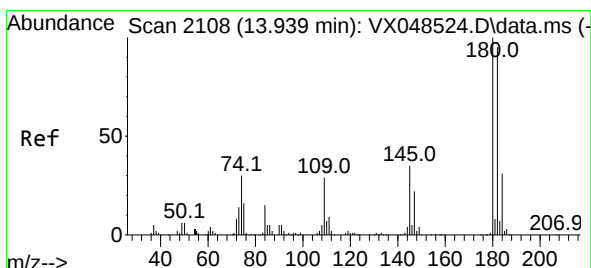
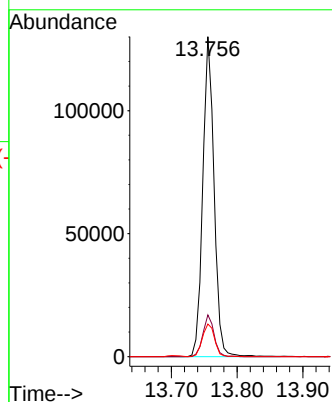
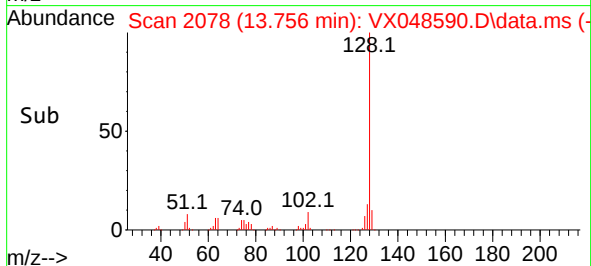
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBSD01



Tgt Ion:128 Resp: 154895
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.221 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048590.D
Acq: 13 Nov 2025 13:20

Tgt Ion:180 Resp: 43335
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 32.3 16.7 50.0

