

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048549.D
 Acq On : 11 Nov 2025 09:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 04:39:47 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	5.532	168	181006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	289835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	117674	46.656	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.320%
35) Dibromofluoromethane	5.361	113	101428	46.237	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.629	98	347402	50.778	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.061	95	127579	50.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	84413	57.553	ug/l	100
3) Chloromethane	1.301	50	95483	49.083	ug/l	100
4) Vinyl Chloride	1.380	62	108011	49.039	ug/l	98
5) Bromomethane	1.611	94	72795	52.341	ug/l	95
6) Chloroethane	1.691	64	65499	45.408	ug/l	97
7) Trichlorofluoromethane	1.892	101	168738	48.425	ug/l	99
8) Diethyl Ether	2.130	74	68279	48.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	103600	51.356	ug/l	99
10) Methyl Iodide	2.453	142	145352	48.687	ug/l	99
11) Tert butyl alcohol	2.934	59	110639	231.500	ug/l	98
12) 1,1-Dichloroethene	2.325	96	102193	48.499	ug/l	95
13) Acrolein	2.233	56	44548	644.231	ug/l	97
14) Allyl chloride	2.660	41	180380	45.979	ug/l	99
15) Acrylonitrile	3.050	53	352100	252.371	ug/l	100
16) Acetone	2.367	43	321308	269.129	ug/l	99
17) Carbon Disulfide	2.514	76	271299	45.755	ug/l	99
18) Methyl Acetate	2.691	43	148062	45.128	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	368657	49.545	ug/l	100
20) Methylene Chloride	2.782	84	114295	46.565	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	107635	48.196	ug/l	97
22) Diisopropyl ether	3.745	45	362407	48.109	ug/l	95
23) Vinyl Acetate	3.703	43	1615711	244.894	ug/l	100
24) 1,1-Dichloroethane	3.599	63	195251	47.237	ug/l	99
25) 2-Butanone	4.526	43	437429	247.675	ug/l	100
26) 2,2-Dichloropropane	4.459	77	166386	47.217	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	130727	47.889	ug/l	98
28) Bromochloromethane	4.873	49	90715	44.675	ug/l	97
29) Tetrahydrofuran	4.977	42	296740	235.574	ug/l	99
30) Chloroform	5.074	83	200870	47.073	ug/l	98
31) Cyclohexane	5.446	56	164598	48.600	ug/l	97
32) 1,1,1-Trichloroethane	5.361	97	178780	48.006	ug/l	99
36) 1,1-Dichloropropene	5.672	75	136017	46.305	ug/l	99
37) Ethyl Acetate	4.684	43	200610	48.518	ug/l	99
38) Carbon Tetrachloride	5.660	117	158683	47.456	ug/l	98
39) Methylcyclohexane	7.360	83	172712	52.366	ug/l	97
40) Benzene	6.019	78	421485	46.290	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	90489	49.764	ug/l	98
42) 1,2-Dichloroethane	6.062	62	147507	47.282	ug/l	100
43) Isopropyl Acetate	6.312	43	271243	46.667	ug/l	99
44) Trichloroethene	7.104	130	110527	50.784	ug/l	97
45) 1,2-Dichloropropane	7.409	63	106703	50.967	ug/l	99
46) Dibromomethane	7.562	93	80349	52.619	ug/l	99
47) Bromodichloromethane	7.799	83	161608	53.051	ug/l	98
48) Methyl methacrylate	7.671	41	134101	51.902	ug/l	99
49) 1,4-Dioxane	7.635	88	42128	1070.051	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	892331	269.707	ug/l	99
52) Toluene	8.696	92	265187	55.319	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	167305	53.300	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	178351	54.873	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	108792	56.803	ug/l	97
56) Ethyl methacrylate	9.098	69	181616	56.995	ug/l	98
57) 1,3-Dichloropropane	9.287	76	181544	54.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	519188	303.058	ug/l	98
59) 2-Hexanone	9.409	43	663367	269.544	ug/l	99
60) Dibromochloromethane	9.500	129	134047	57.004	ug/l	99
61) 1,2-Dibromoethane	9.592	107	118197	56.978	ug/l	99
64) Tetrachloroethene	9.256	164	94591	51.608	ug/l	95
65) Chlorobenzene	10.061	112	300089	50.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.140	131	104554	52.098	ug/l	99
67) Ethyl Benzene	10.177	91	503070	50.018	ug/l	95
68) m/p-Xylenes	10.281	106	388150	102.468	ug/l	99
69) o-Xylene	10.622	106	188033	50.735	ug/l	99
70) Styrene	10.634	104	323065	51.964	ug/l	99
71) Bromoform	10.781	173	95564	51.614	ug/l	100
73) Isopropylbenzene	10.945	105	485332	51.515	ug/l	100
74) N-amyl acetate	10.823	43	228279	48.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	165163	49.712	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	158487m	50.685	ug/l	
77) Bromobenzene	11.177	156	123289	50.679	ug/l	99
78) n-propylbenzene	11.287	91	561861	50.719	ug/l	99
79) 2-Chlorotoluene	11.348	91	334184	49.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	392309	51.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	57541	52.635	ug/l	94
82) 4-Chlorotoluene	11.433	91	394909	50.293	ug/l	100
83) tert-Butylbenzene	11.695	119	415526	52.308	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	398772	51.459	ug/l	99
85) sec-Butylbenzene	11.872	105	504559	51.391	ug/l	100
86) p-Isopropyltoluene	11.988	119	427948	51.845	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	230048	50.454	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	231812	49.220	ug/l	100
89) n-Butylbenzene	12.311	91	393463	50.813	ug/l	99
90) Hexachloroethane	12.518	117	80049	50.900	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	217036	49.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	38380	49.709	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	146240	50.278	ug/l	99
94) Hexachlorobutadiene	13.707	225	60977	50.150	ug/l	98
95) Naphthalene	13.756	128	490084	52.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	136264	50.366	ug/l	100

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Response via : Initial Calibration

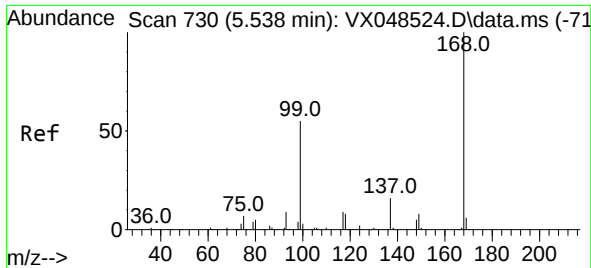
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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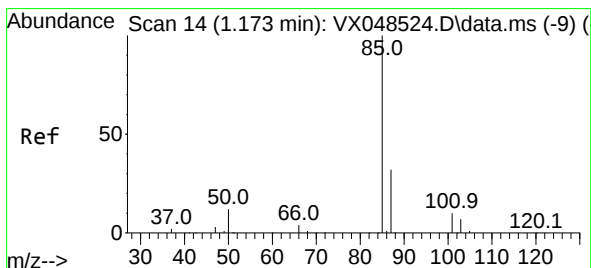
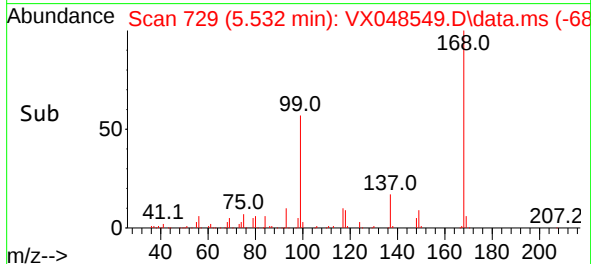
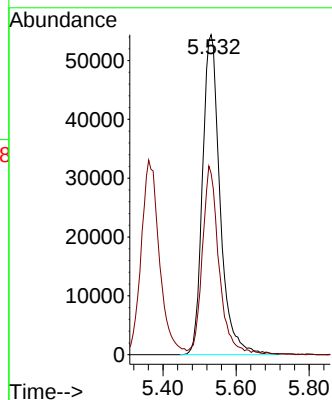
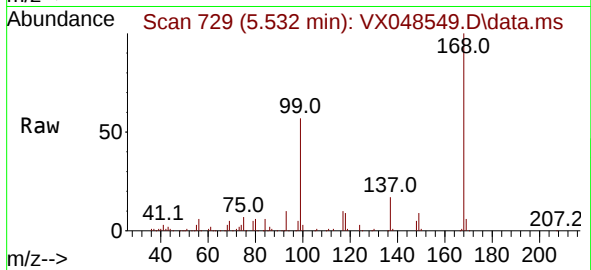
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048549.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 181000
Ion Ratio Lower Upper
168 100
99 56.5 45.2 67.8

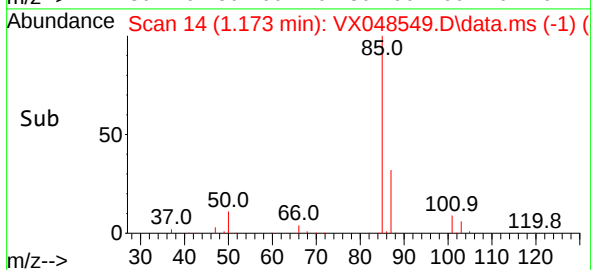
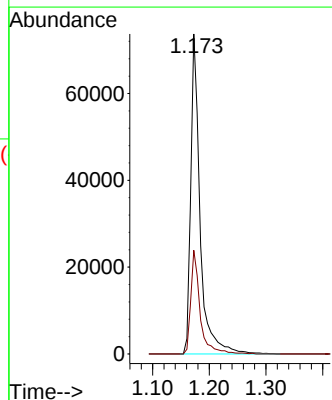
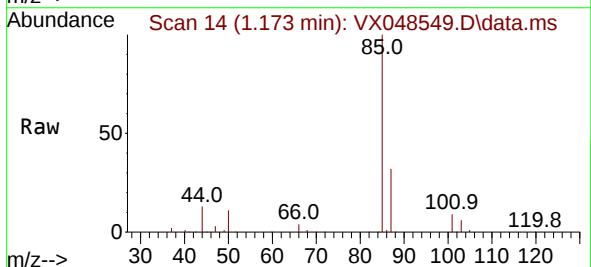
Manual Integrations
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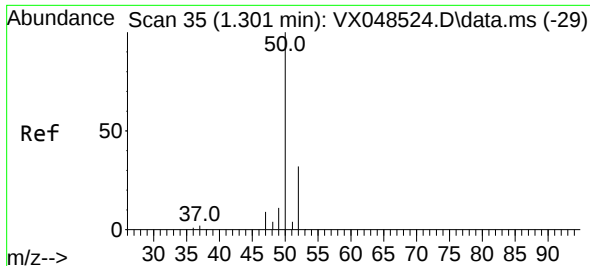
Reviewed By :John Carlone 11/12/2025
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#2
Dichlorodifluoromethane
Concen: 57.553 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion: 85 Resp: 84413
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





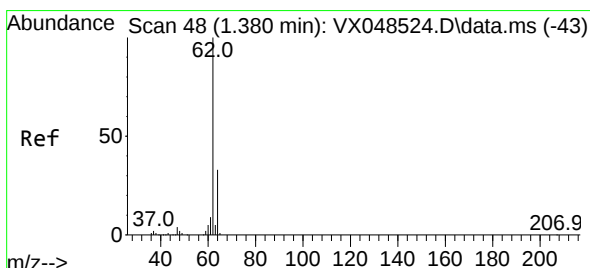
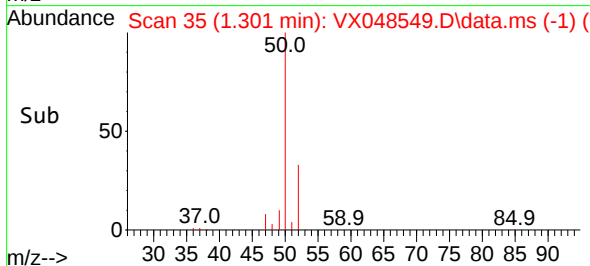
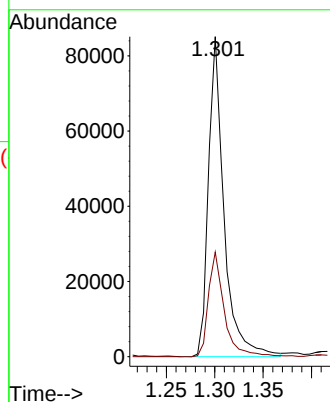
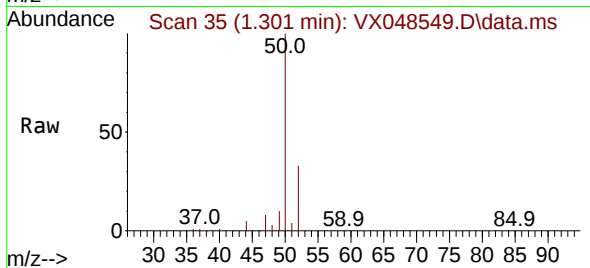
#3
Chloromethane
Concen: 49.083 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9548
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0

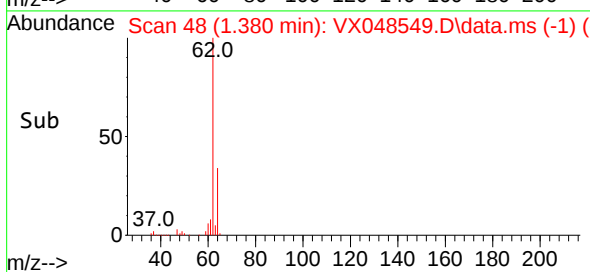
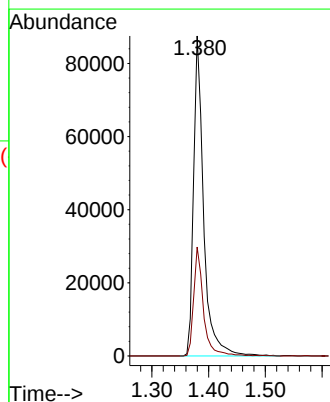
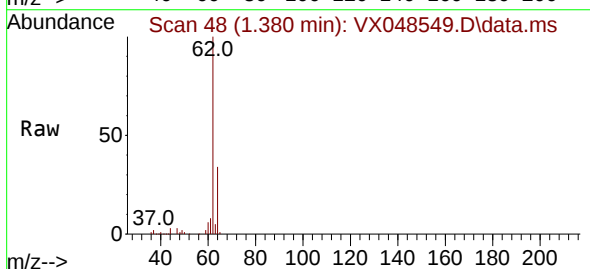
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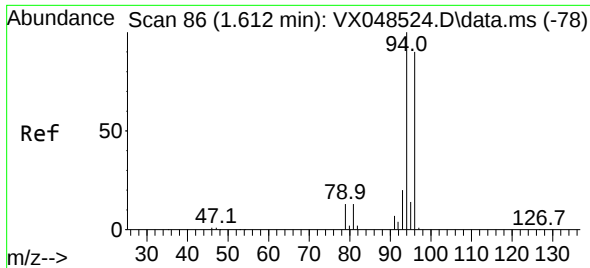
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 49.039 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

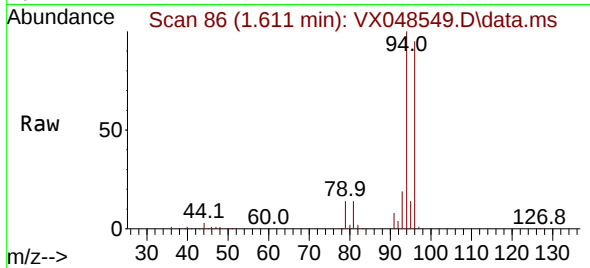
Tgt Ion: 62 Resp: 108011
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.4





#5
Bromomethane
Concen: 52.341 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

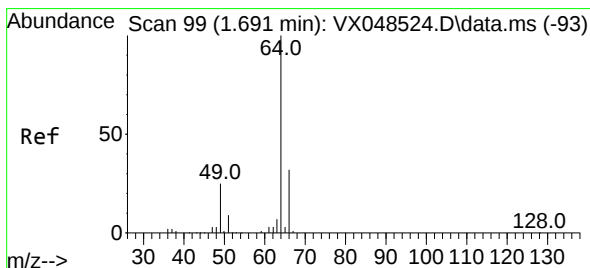
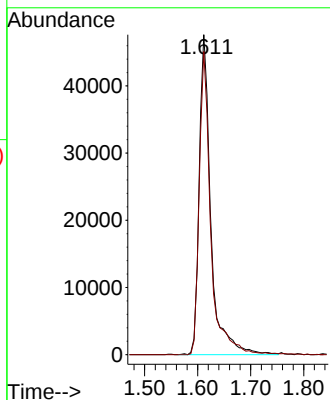
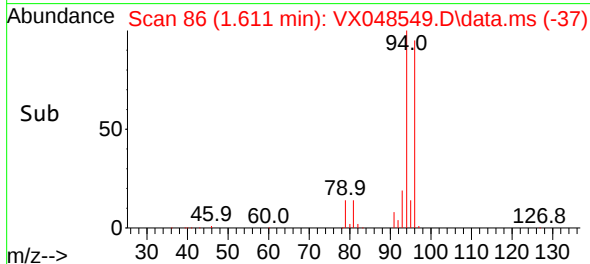
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 72795
Ion Ratio Lower Upper
94 100
96 94.7 72.3 108.5

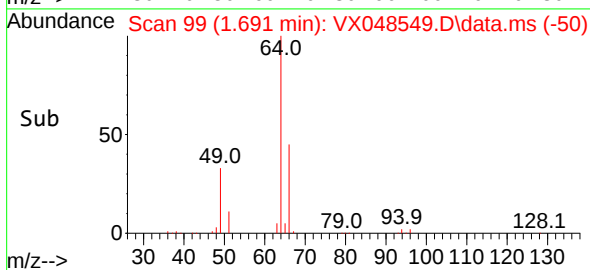
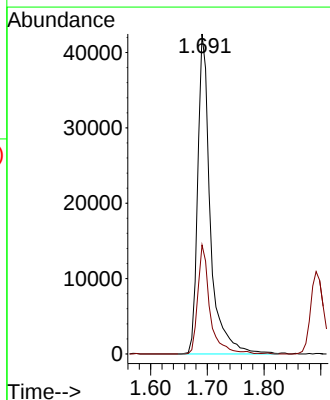
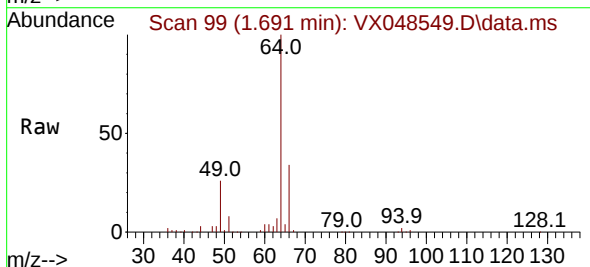
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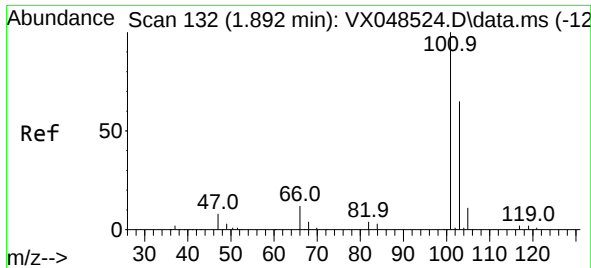
Reviewed By :John Carlone 11/12/2025
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#6
Chloroethane
Concen: 45.408 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048549.D
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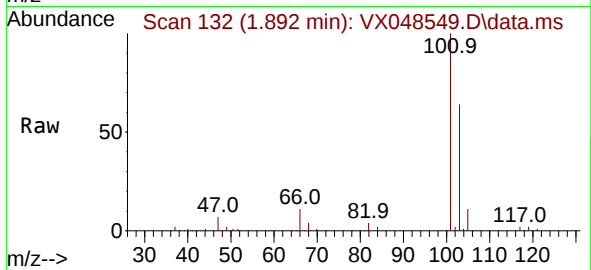
Tgt Ion: 64 Resp: 65499
Ion Ratio Lower Upper
64 100
66 34.0 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 48.425 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

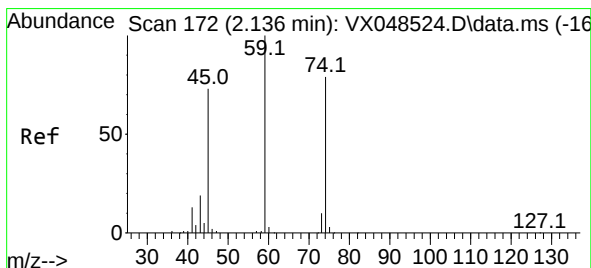
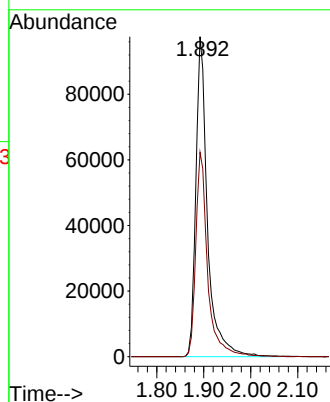
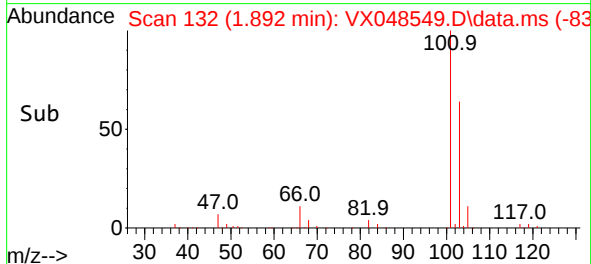
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 168738
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5

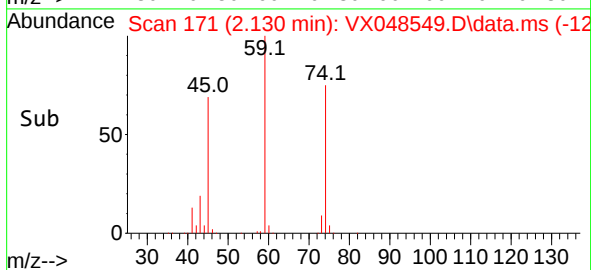
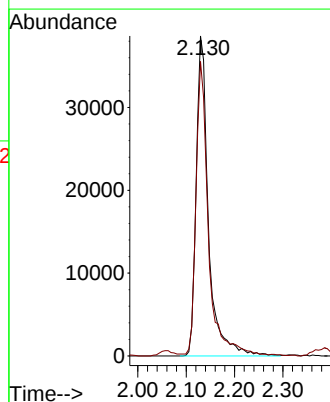
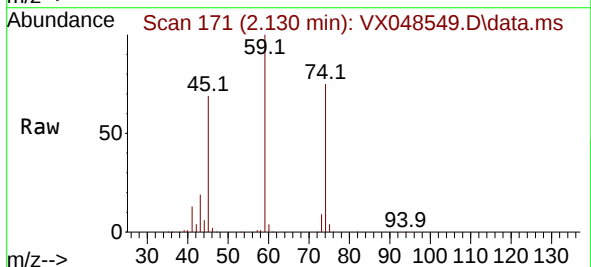
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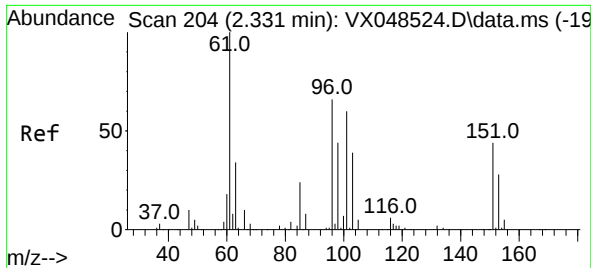
Reviewed By :John Carlone 11/12/2025
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#8
 Diethyl Ether
 Concen: 48.816 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

Tgt Ion: 74 Resp: 68279
 Ion Ratio Lower Upper
 74 100
 45 92.1 45.9 137.6





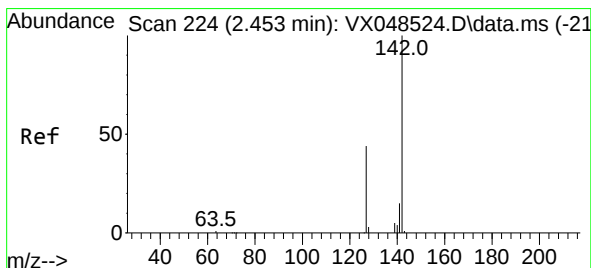
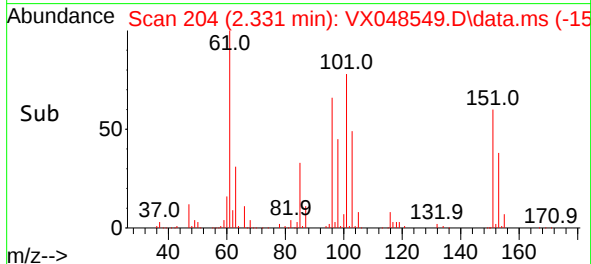
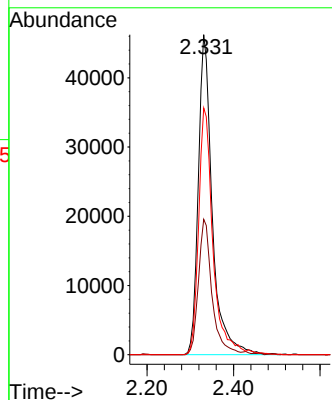
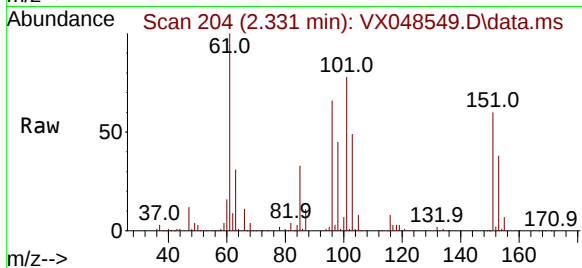
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.356 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 103600
Ion Ratio Lower Upper
101 100
85 41.7 34.3 51.5
151 79.5 63.1 94.7

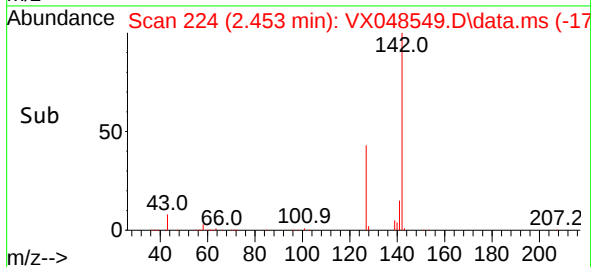
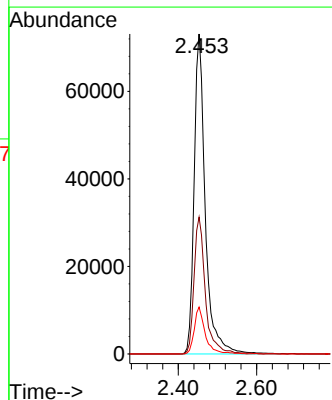
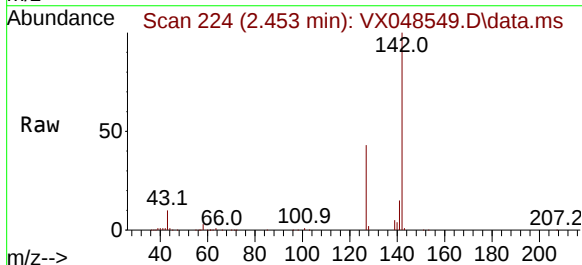
Manual Integrations
APPROVED

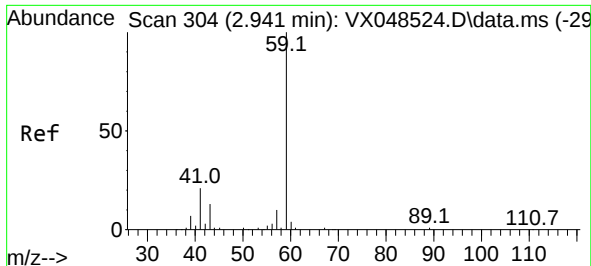
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 48.687 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

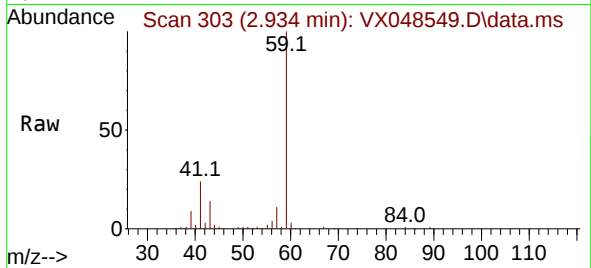
Tgt Ion:142 Resp: 145352
Ion Ratio Lower Upper
142 100
127 43.5 35.8 53.6
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 231.500 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

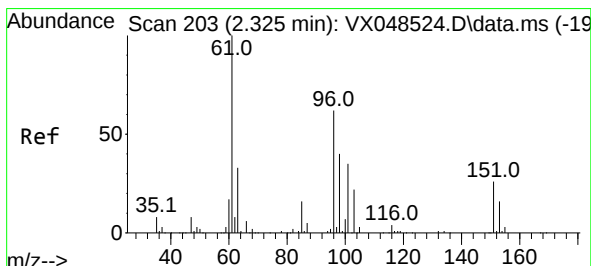
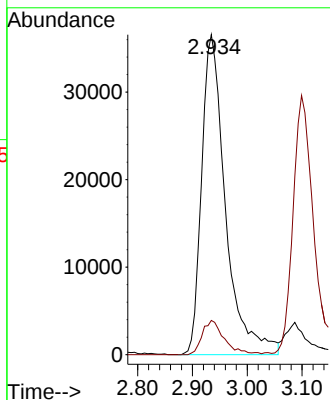
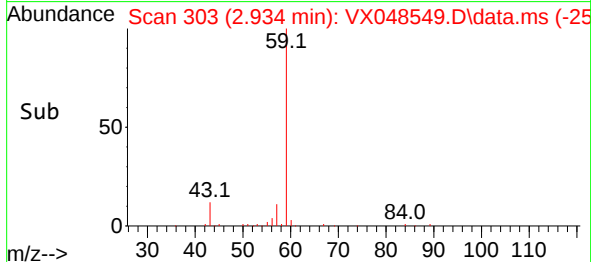
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



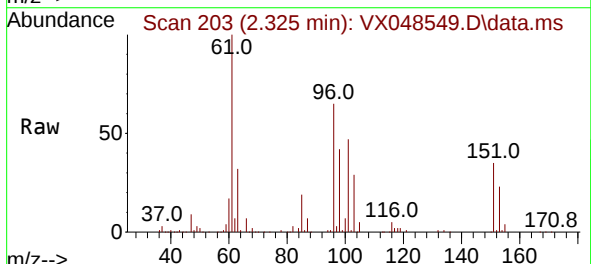
Tgt Ion: 59 Resp: 110639
Ion Ratio Lower Upper
59 100
57 10.0 8.6 13.0

Manual Integrations
APPROVED

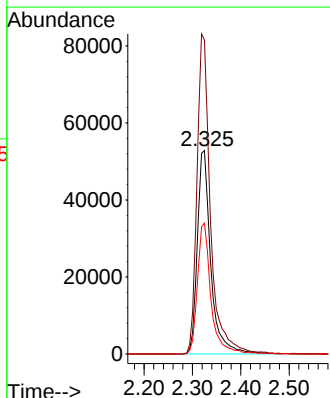
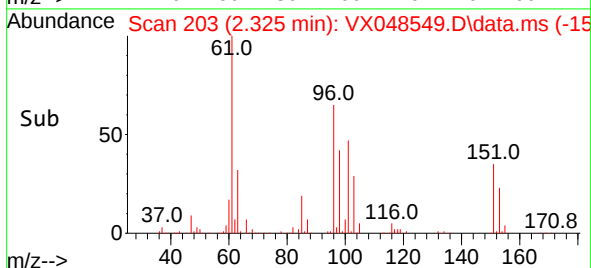
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

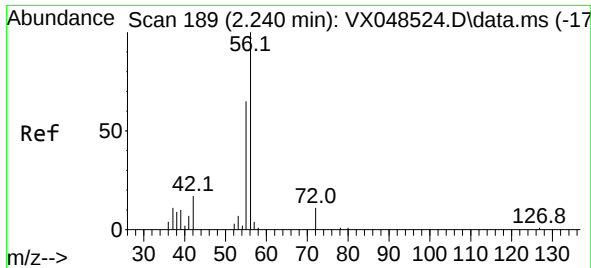


#12
1,1-Dichloroethene
Concen: 48.499 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



Tgt Ion: 96 Resp: 102193
Ion Ratio Lower Upper
96 100
61 154.3 129.8 194.6
98 64.4 52.3 78.5





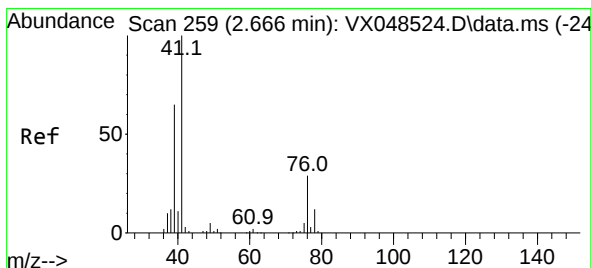
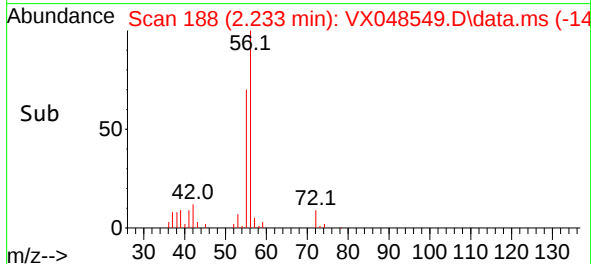
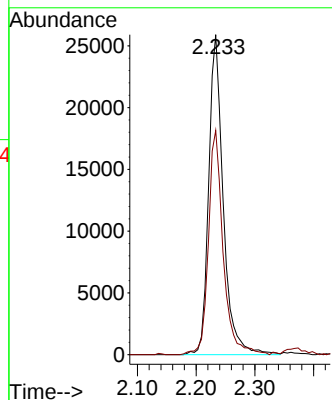
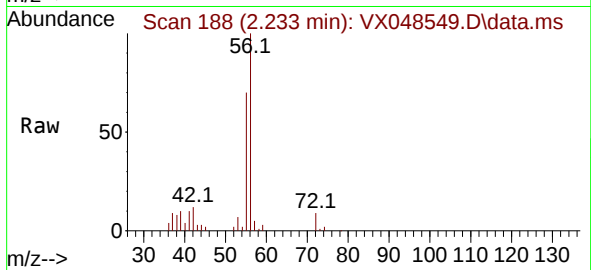
#13
Acrolein
Concen: 644.231 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 44548
Ion Ratio Lower Upper
56 100
55 71.0 54.9 82.3

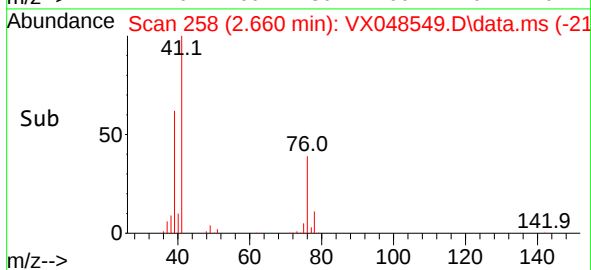
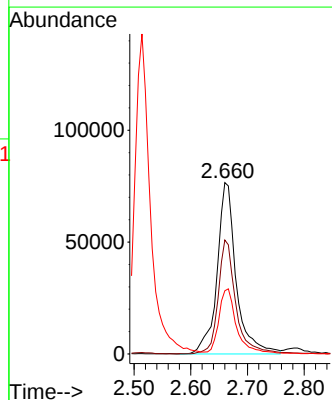
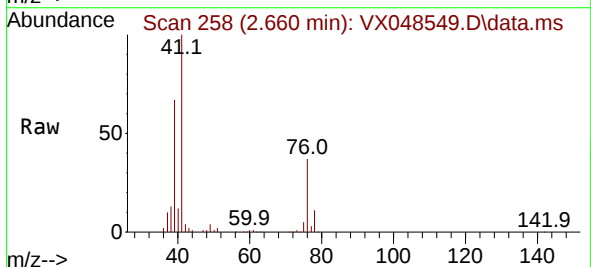
Manual Integrations
APPROVED

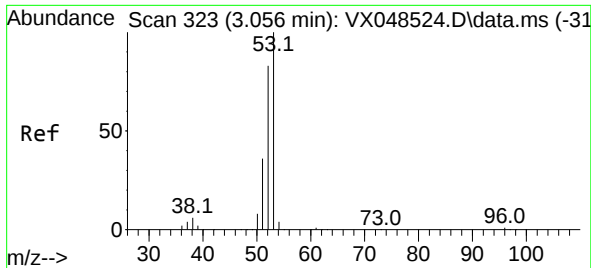
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 45.979 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

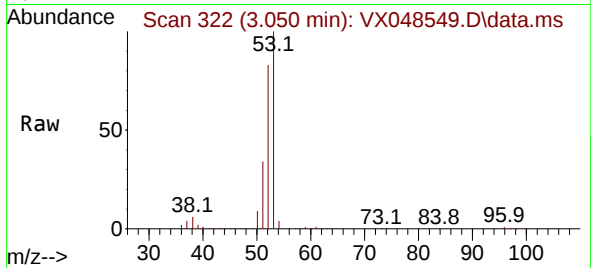
Tgt Ion: 41 Resp: 180380
Ion Ratio Lower Upper
41 100
39 61.5 48.6 73.0
76 34.9 27.7 41.5





#15
Acrylonitrile
Concen: 252.371 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

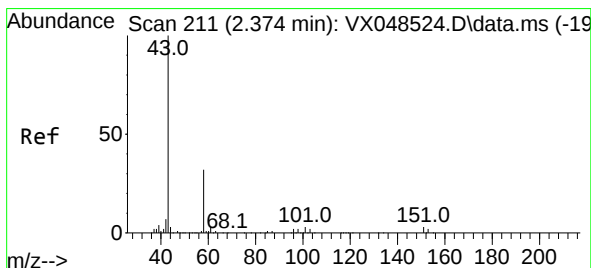
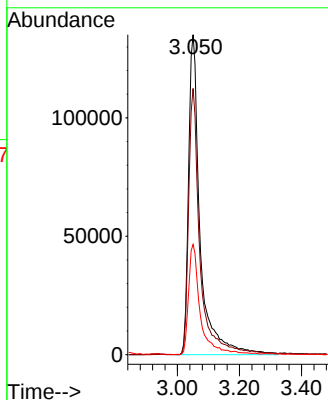
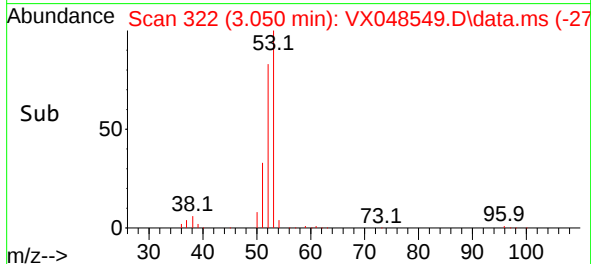
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 352100
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 35.0 27.8 41.6

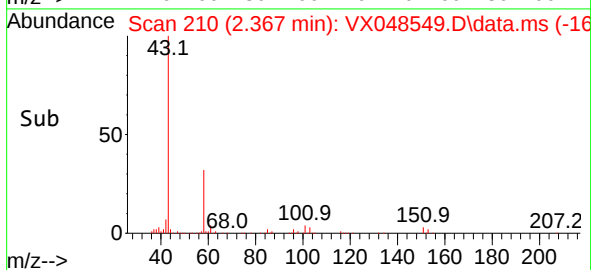
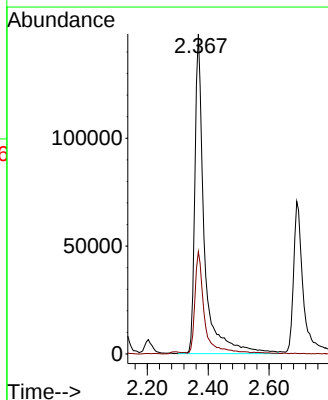
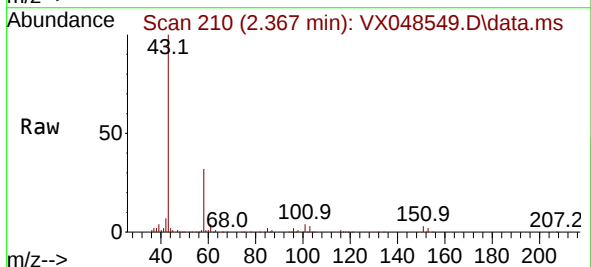
Manual Integrations
APPROVED

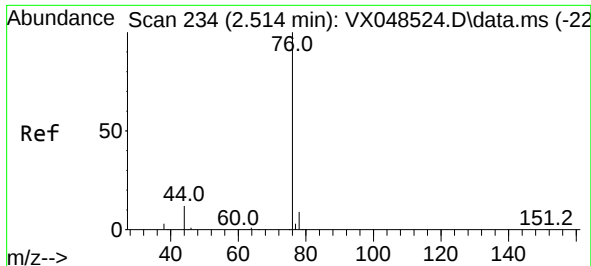
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 269.129 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

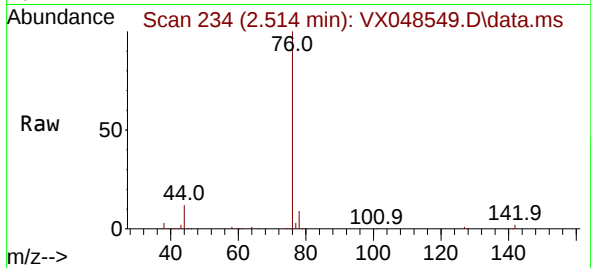
Tgt Ion: 43 Resp: 321308
Ion Ratio Lower Upper
43 100
58 31.8 25.8 38.6





#17
Carbon Disulfide
Concen: 45.755 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

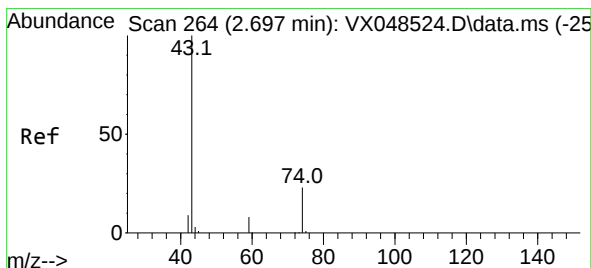
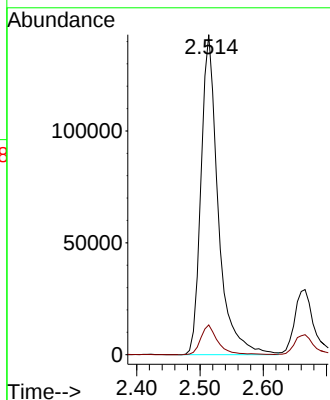
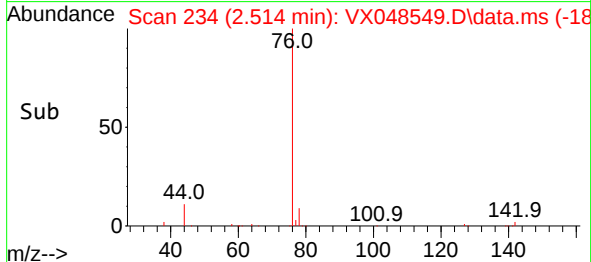
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 271299
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

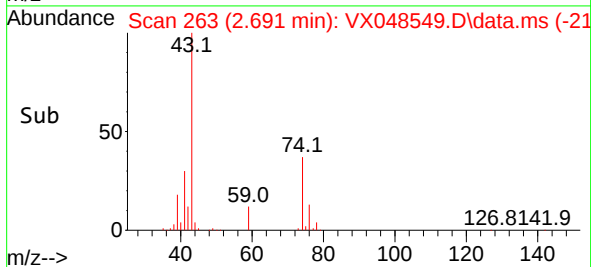
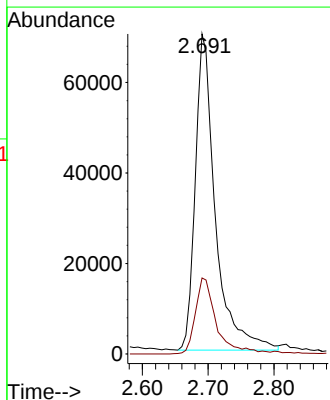
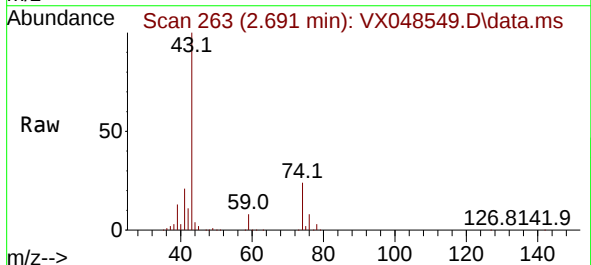
Manual Integrations
APPROVED

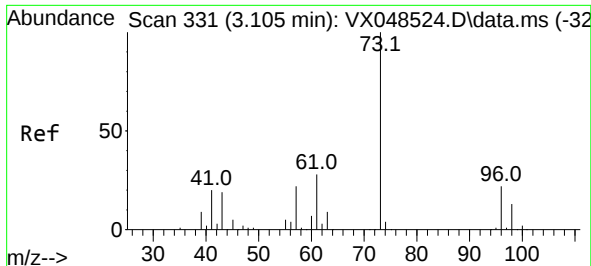
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
Methyl Acetate
Concen: 45.128 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

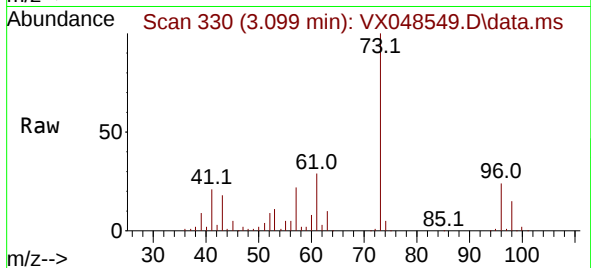
Tgt Ion: 43 Resp: 148062
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 49.545 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

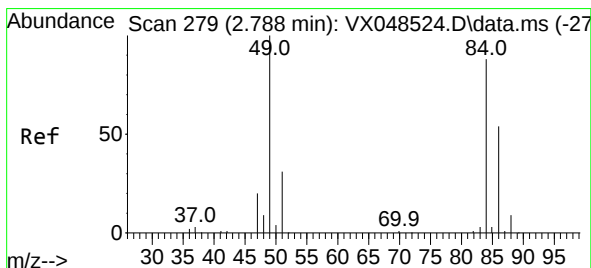
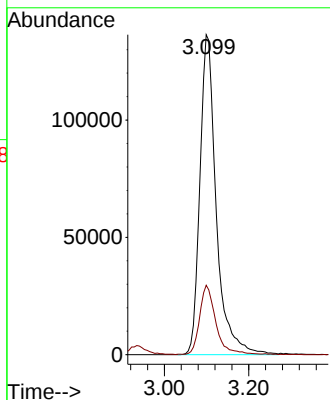
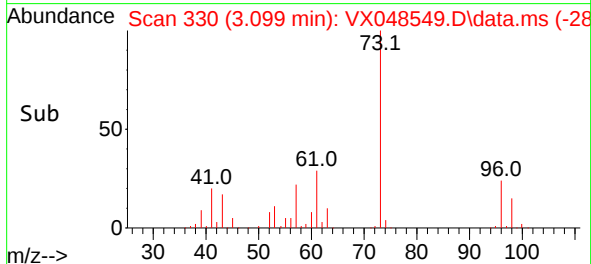
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 36865
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

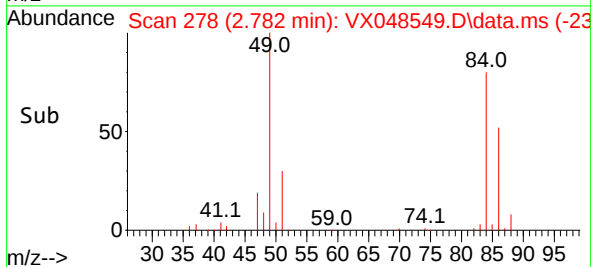
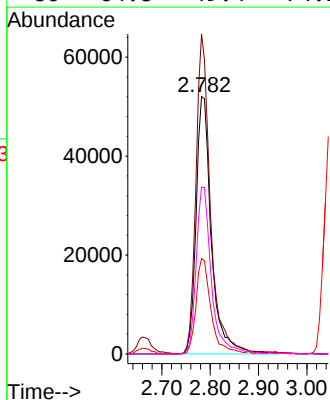
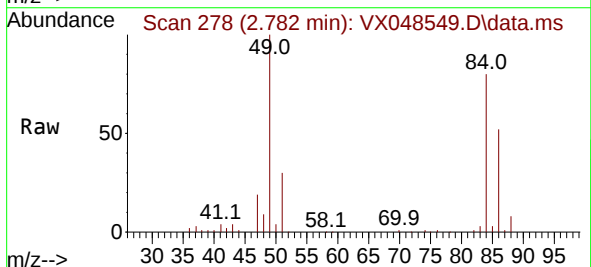
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 46.565 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

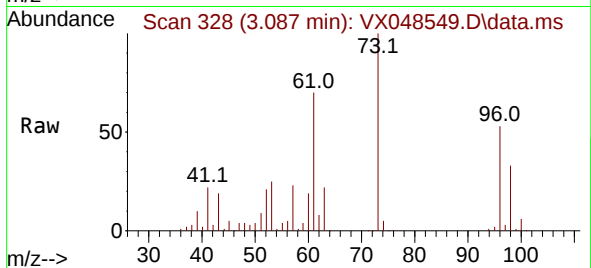
Tgt Ion: 84 Resp: 114295
Ion Ratio Lower Upper
84 100
49 124.2 91.2 136.8
51 37.1 28.3 42.5
86 64.8 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 48.196 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

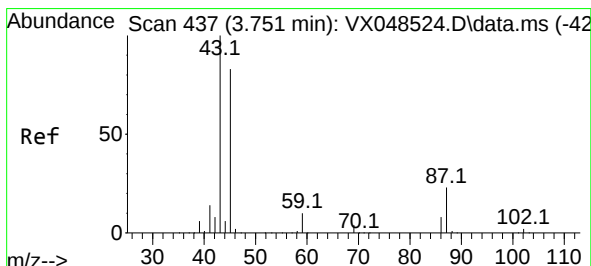
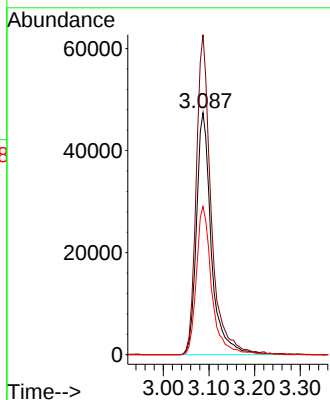
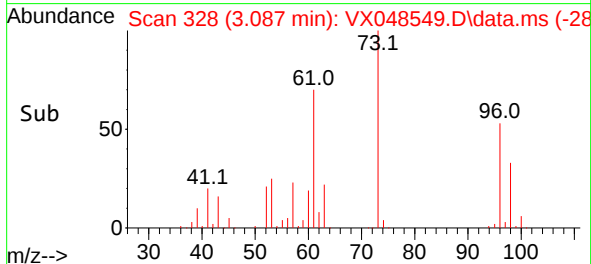
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



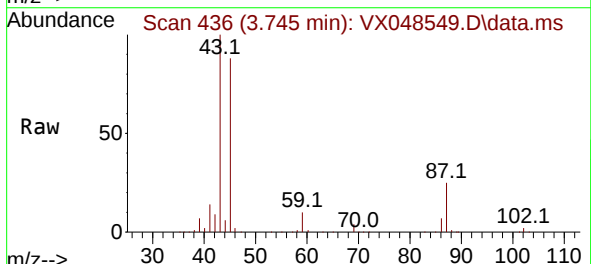
Tgt Ion: 96 Resp: 10763
Ion Ratio Lower Upper
96 100
61 132.3 106.7 160.1
98 61.2 52.7 79.1

Manual Integrations
APPROVED

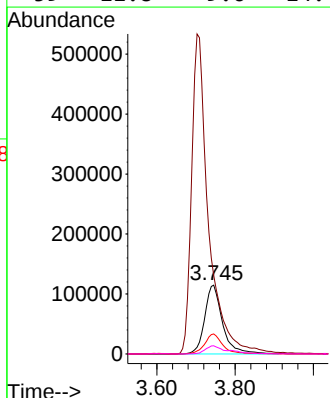
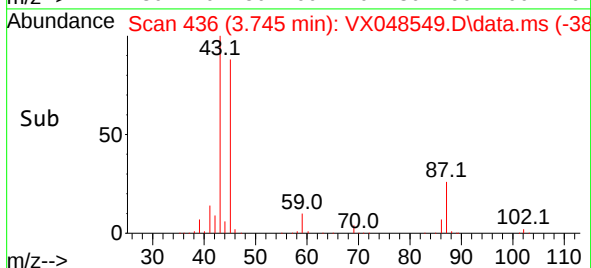
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

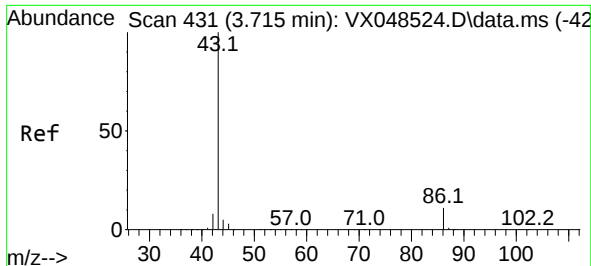


#22
Diisopropyl ether
Concen: 48.109 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



Tgt Ion: 45 Resp: 362407
Ion Ratio Lower Upper
45 100
43 113.9 96.4 144.6
87 29.1 21.8 32.6
59 11.8 9.6 14.4





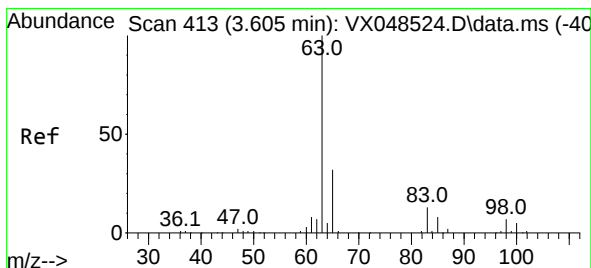
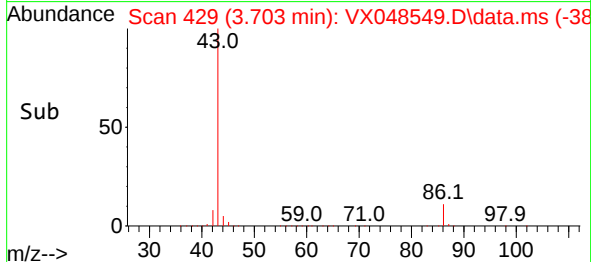
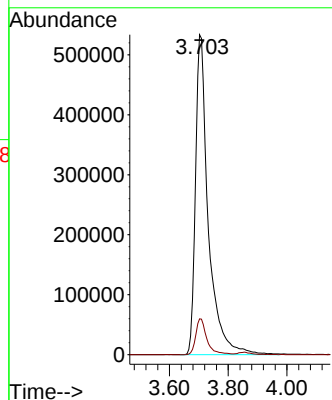
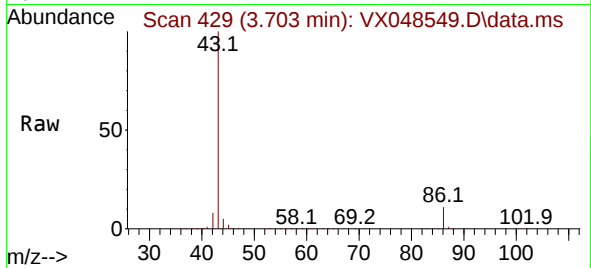
#23
 Vinyl Acetate
 Concen: 244.894 ug/l
 RT: 3.703 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 161571
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.6

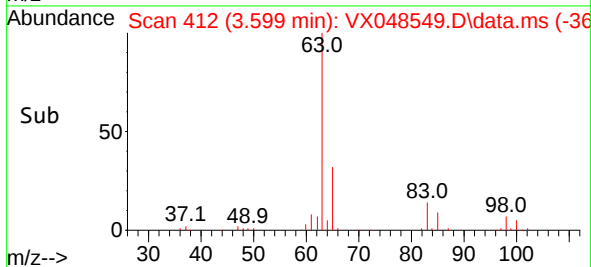
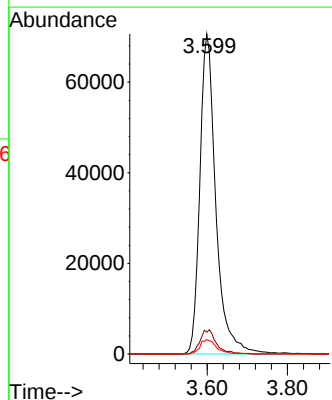
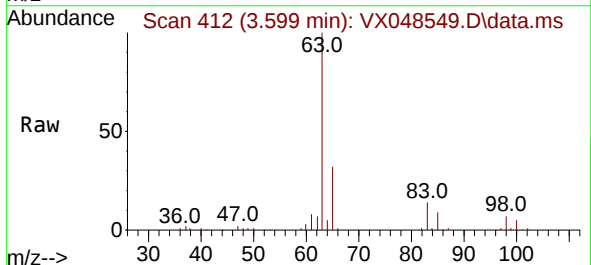
Manual Integrations
 APPROVED

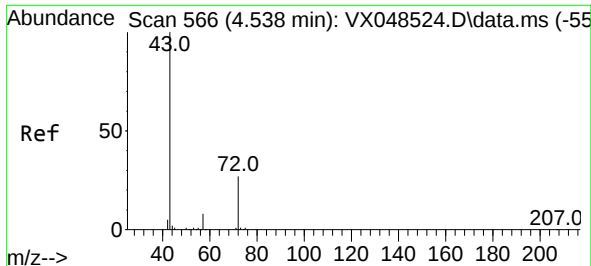
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 47.237 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

Tgt Ion: 63 Resp: 195251
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.5 2.5 7.4





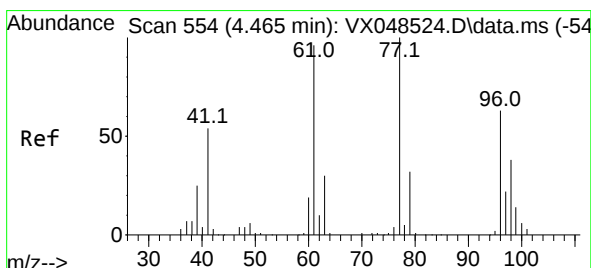
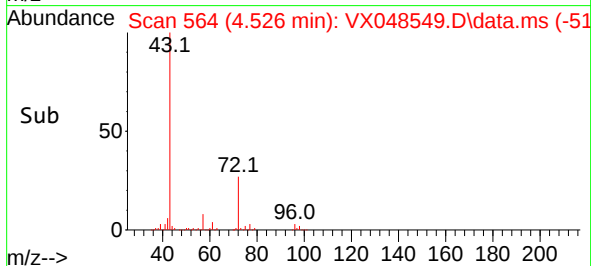
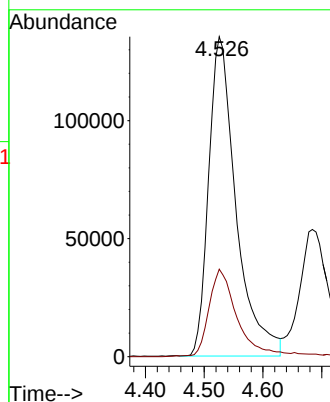
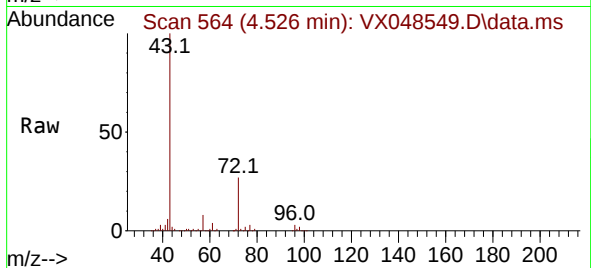
#25
2-Butanone
Concen: 247.675 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 437429
Ion Ratio Lower Upper
43 100
72 27.1 21.5 32.3

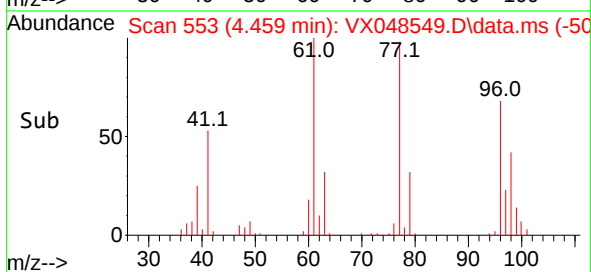
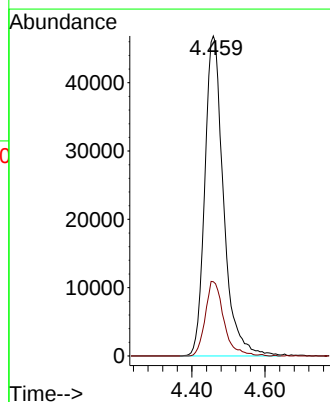
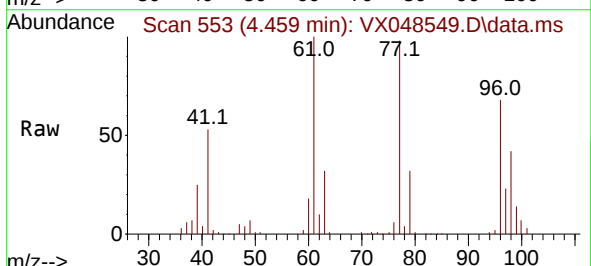
Manual Integrations
APPROVED

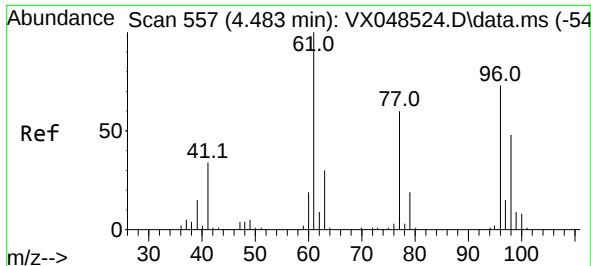
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 47.217 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

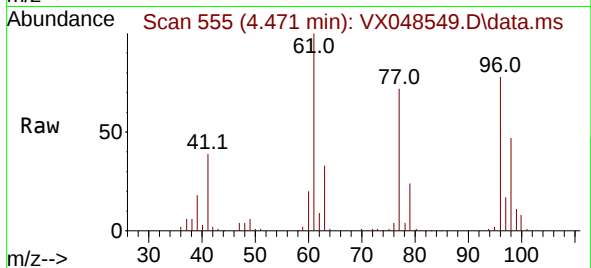
Tgt Ion: 77 Resp: 166386
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.889 ug/l
 RT: 4.471 min Scan# 557
 Delta R.T. -0.012 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

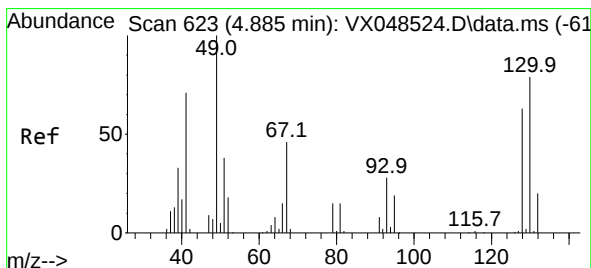
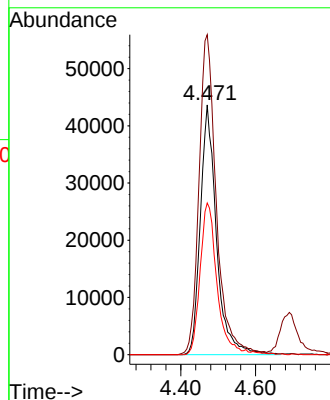
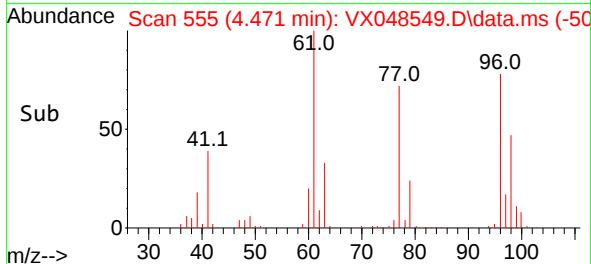
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



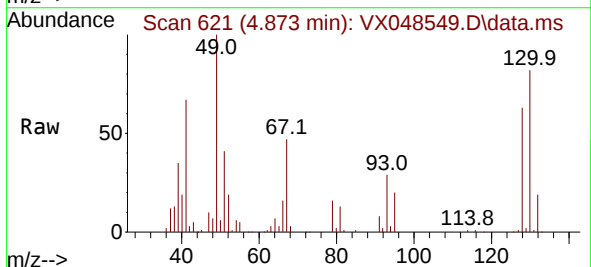
Tgt Ion: 96 Resp: 13072
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 279.6
 98 63.2 0.0 128.2

Manual Integrations
 APPROVED

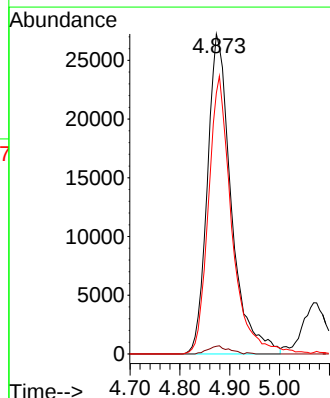
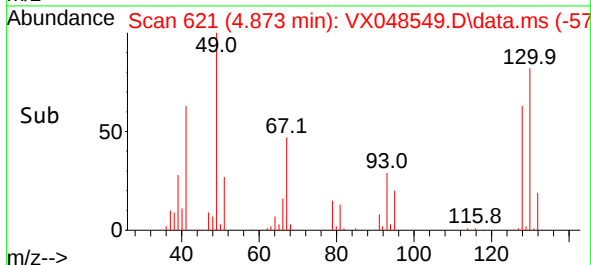
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

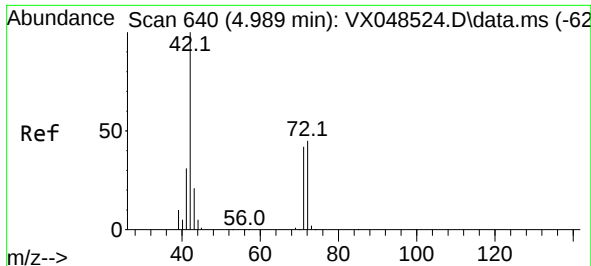


#28
 Bromochloromethane
 Concen: 44.675 ug/l
 RT: 4.873 min Scan# 621
 Delta R.T. -0.012 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11



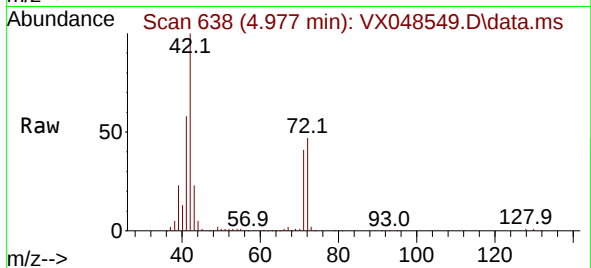
Tgt Ion: 49 Resp: 90715
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 85.0 65.9 98.9





#29
Tetrahydrofuran
Concen: 235.574 ug/l
RT: 4.977 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

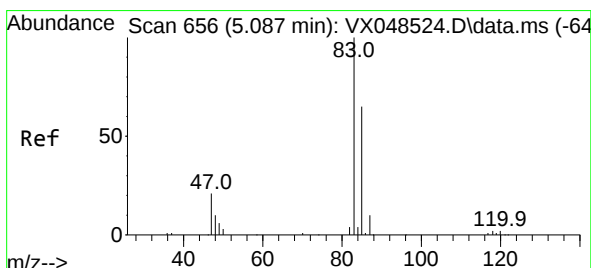
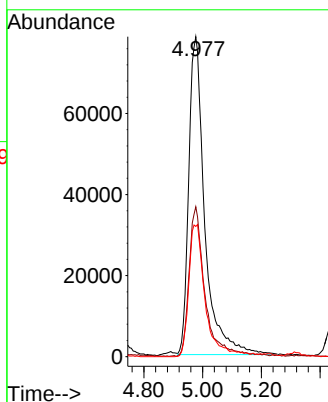
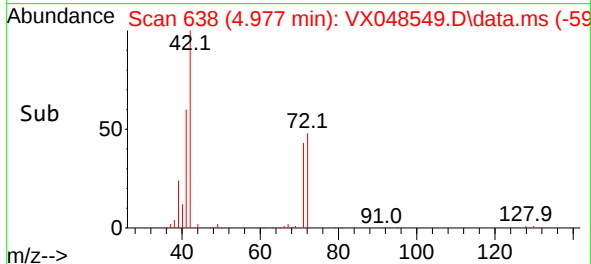
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 296740
Ion Ratio Lower Upper
42 100
72 46.5 36.3 54.5
71 42.7 34.1 51.1

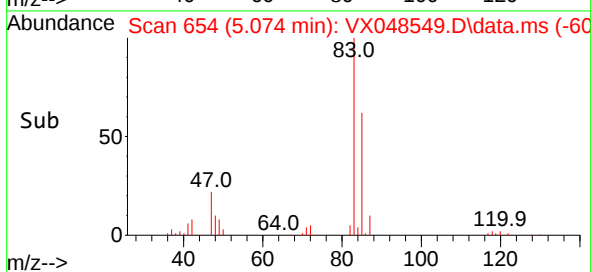
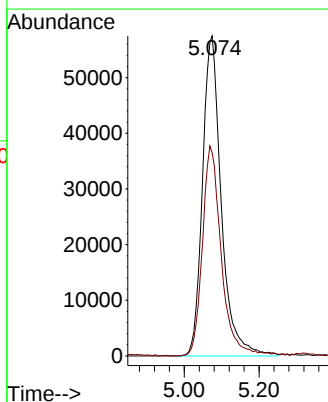
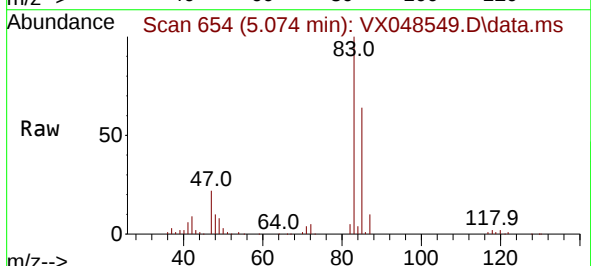
Manual Integrations
APPROVED

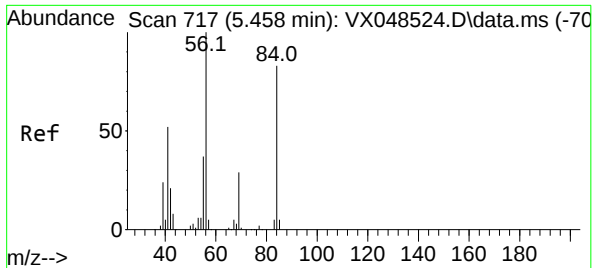
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Chloroform
Concen: 47.073 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

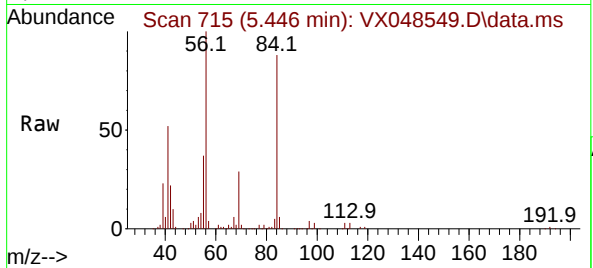
Tgt Ion: 83 Resp: 200870
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.6





#31
Cyclohexane
Concen: 48.600 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

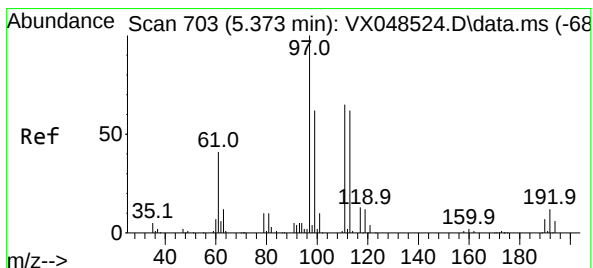
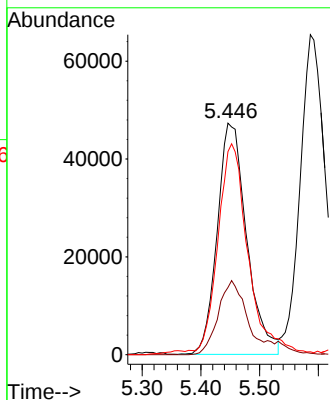
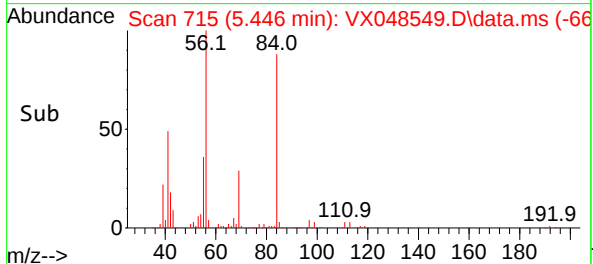
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 164598
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 86.1 66.3 99.5

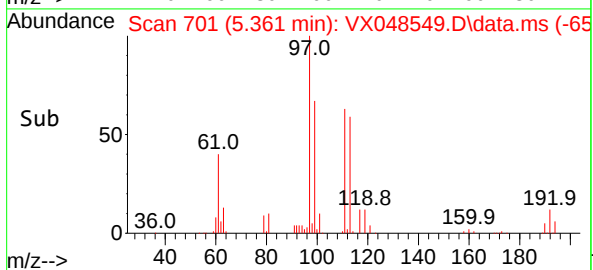
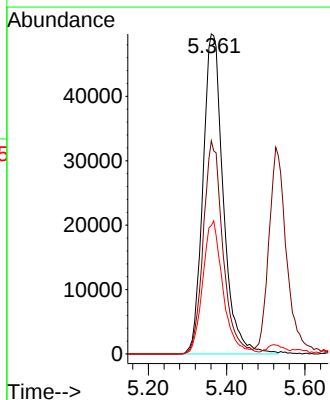
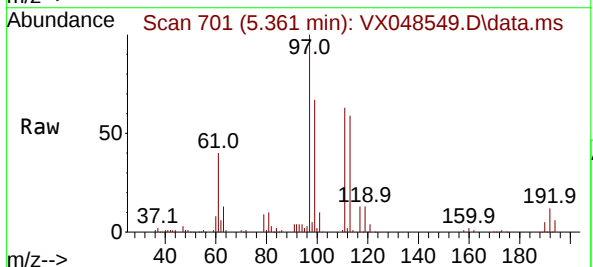
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 48.006 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion: 97 Resp: 178780
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 41.4 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 46.656 ug/l

RT: 5.934 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 117674

Ion Ratio Lower Upper

65 100

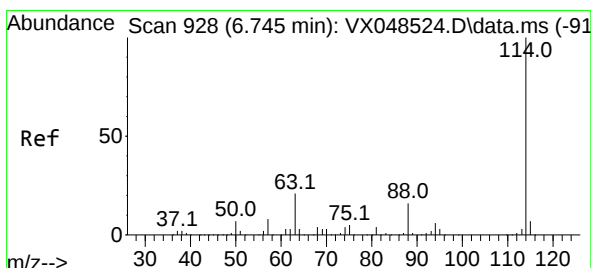
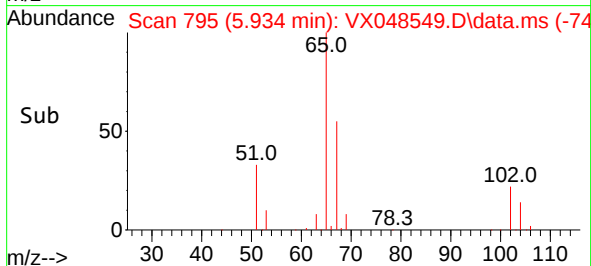
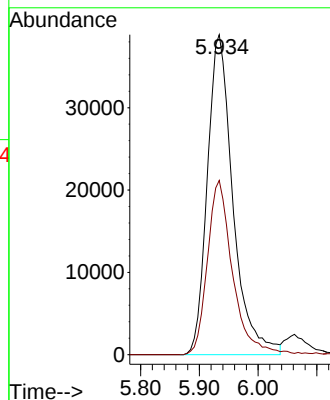
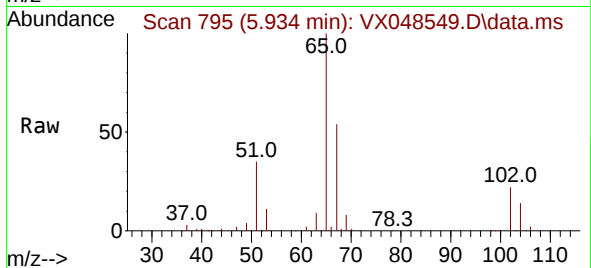
67 53.4 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

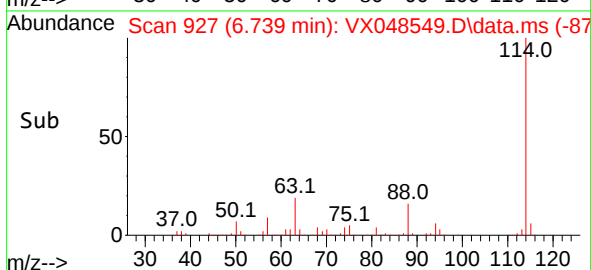
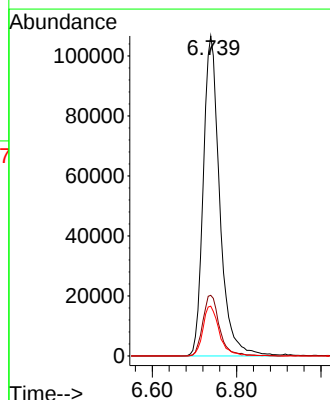
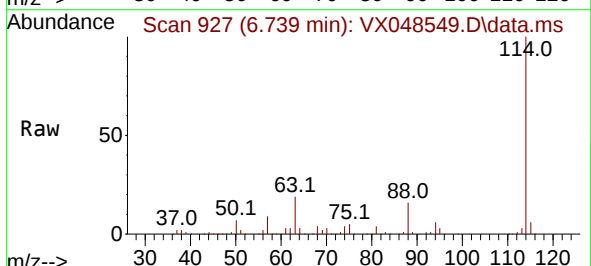
Tgt Ion:114 Resp: 289835

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.2

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.237 ug/l

RT: 5.361 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 101428

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

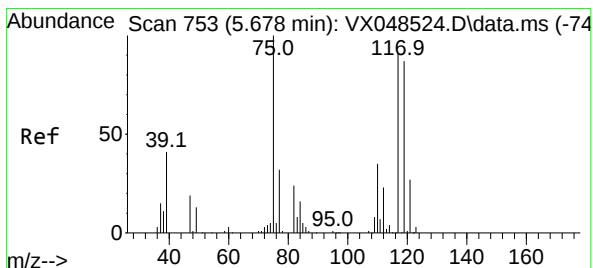
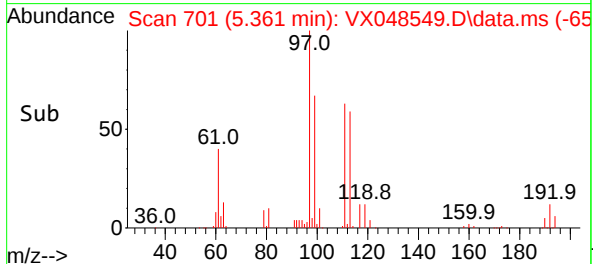
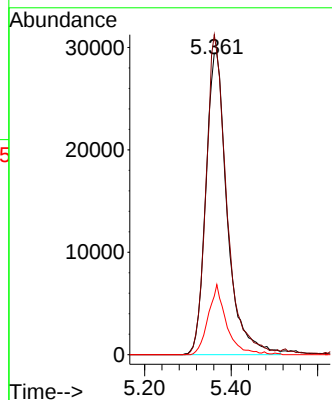
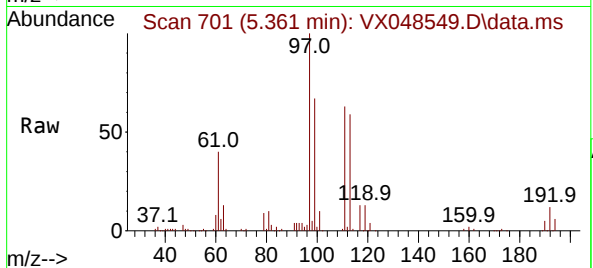
192 19.6 15.8 23.6

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#36

1,1-Dichloropropene

Concen: 46.305 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

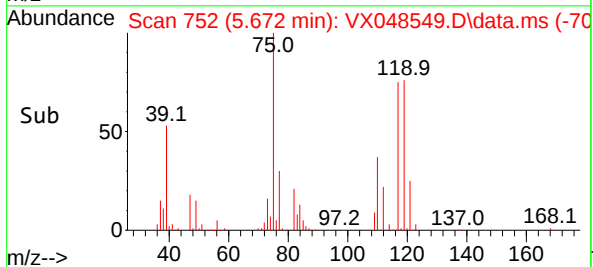
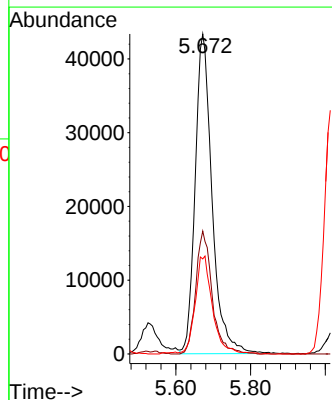
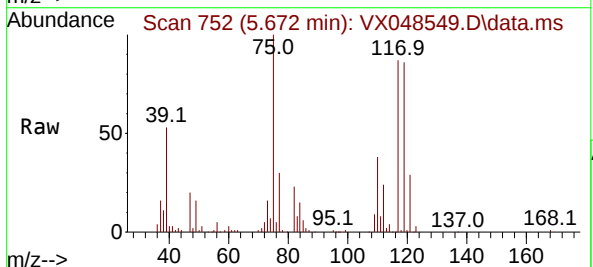
Tgt Ion: 75 Resp: 136017

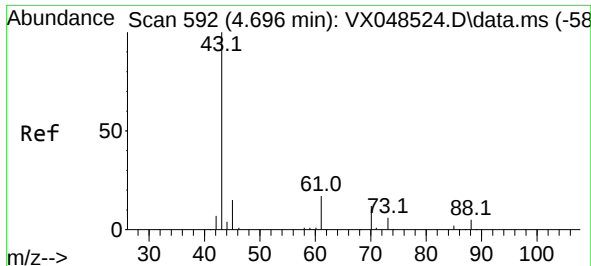
Ion Ratio Lower Upper

75 100

110 37.4 18.4 55.4

77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 48.518 ug/l

RT: 4.684 min Scan# 592

Delta R.T. -0.012 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 200610

Ion Ratio Lower Upper

43 100

61 11.4 9.7 14.5

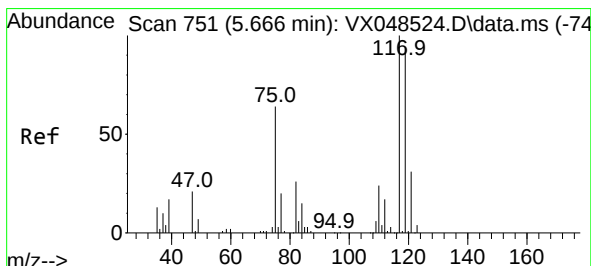
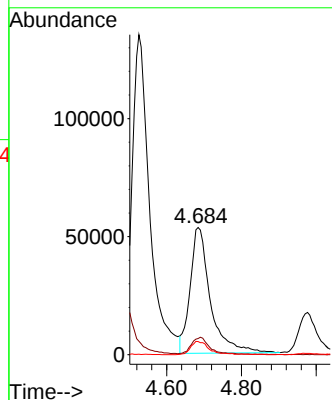
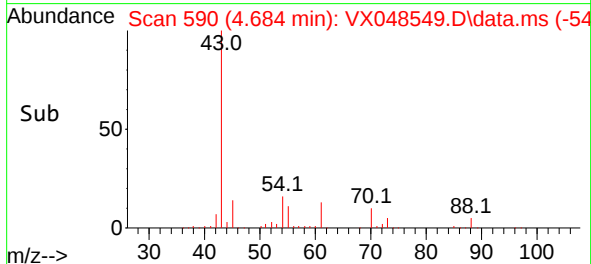
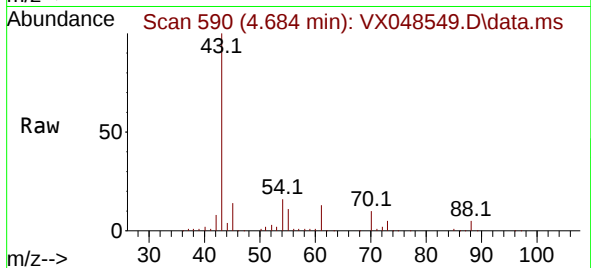
70 9.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

Carbon Tetrachloride

Concen: 47.456 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

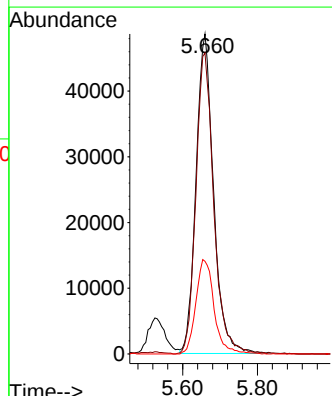
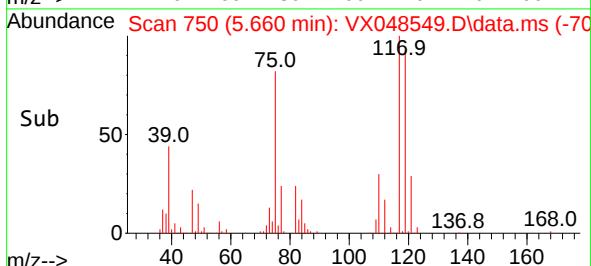
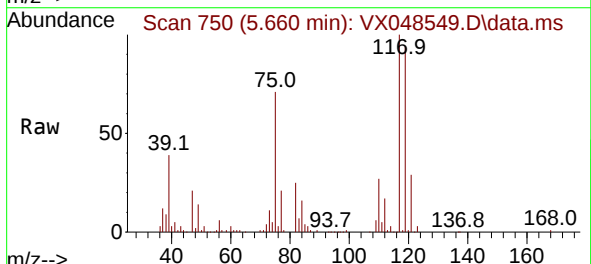
Tgt Ion:117 Resp: 158683

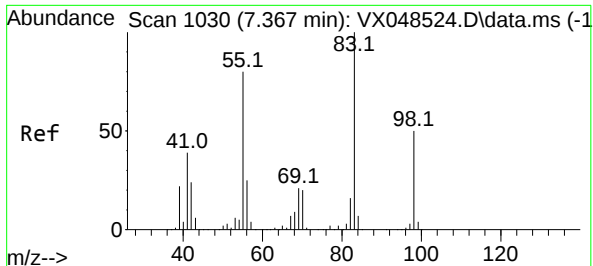
Ion Ratio Lower Upper

117 100

119 94.0 74.5 111.7

121 29.0 24.8 37.2





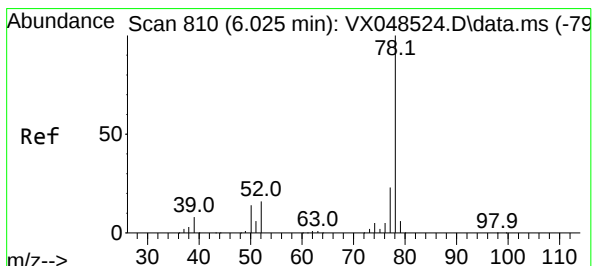
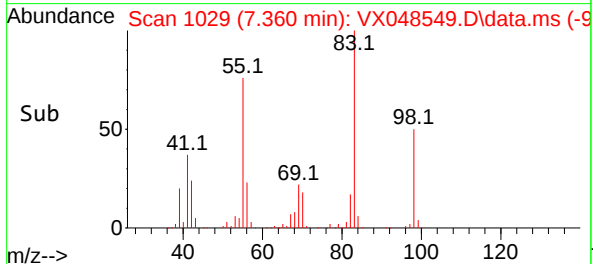
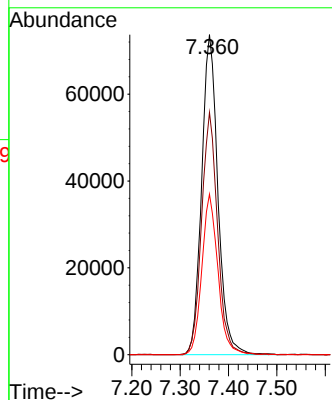
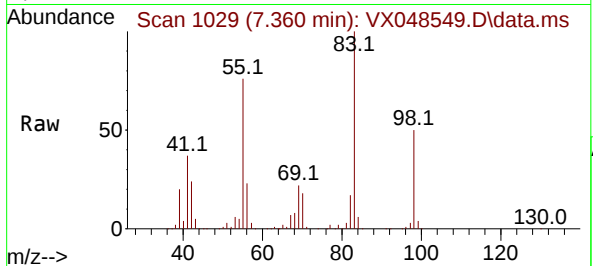
#39
Methylcyclohexane
Concen: 52.366 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 172712
Ion Ratio Lower Upper
83 100
55 75.6 63.8 95.6
98 50.2 40.3 60.5

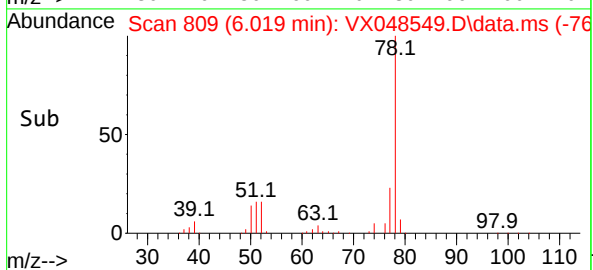
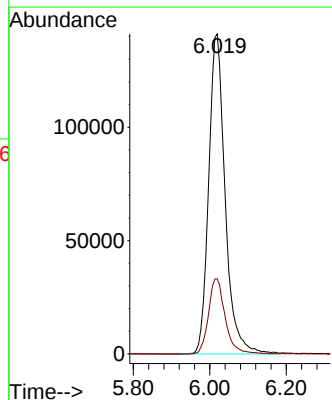
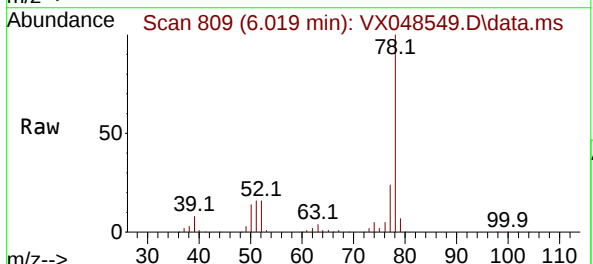
Manual Integrations
APPROVED

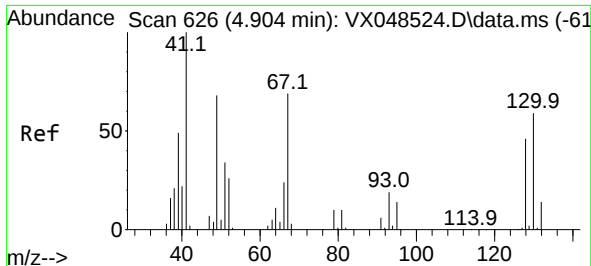
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Benzene
Concen: 46.290 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion: 78 Resp: 421485
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5





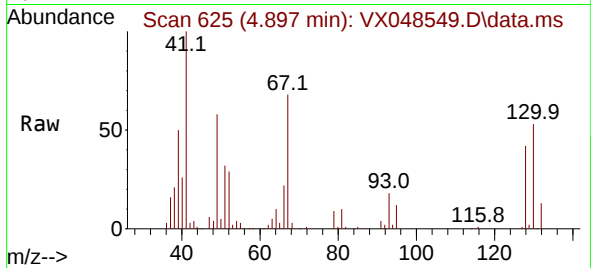
#41
Methacrylonitrile
Concen: 49.764 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



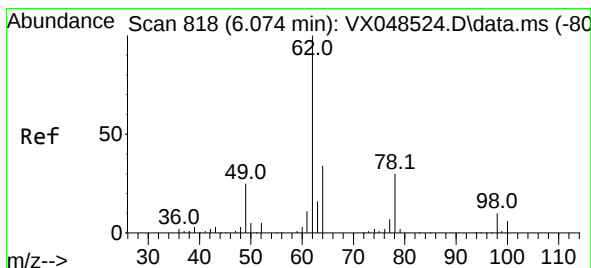
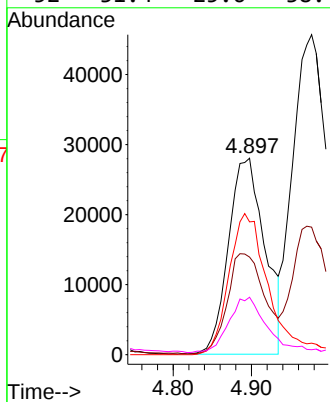
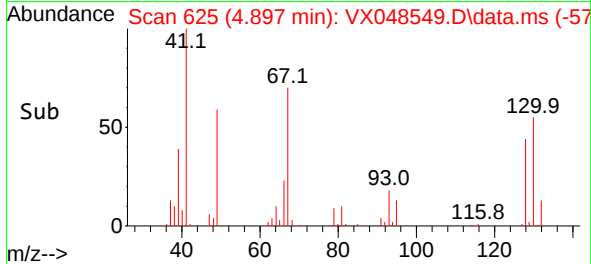
Tgt Ion: 41 Resp: 90489
Ion Ratio Lower Upper
41 100
39 51.8 41.1 61.7
67 82.3 64.2 96.2
52 31.4 25.6 38.4

Manual Integrations

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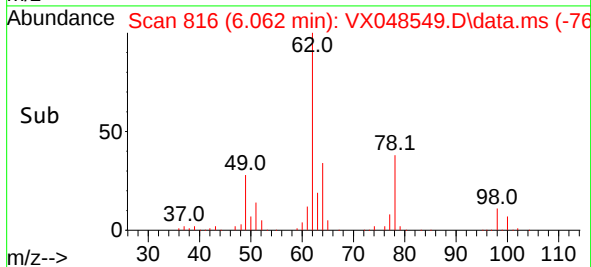
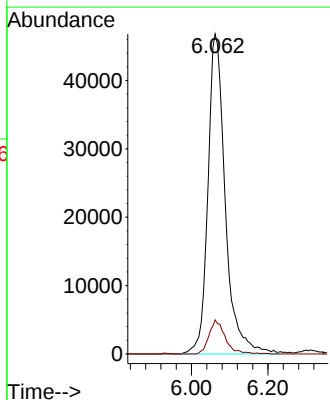
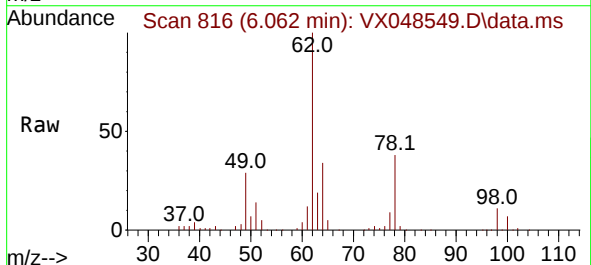
Reviewed By :John Carlone 11/12/2025

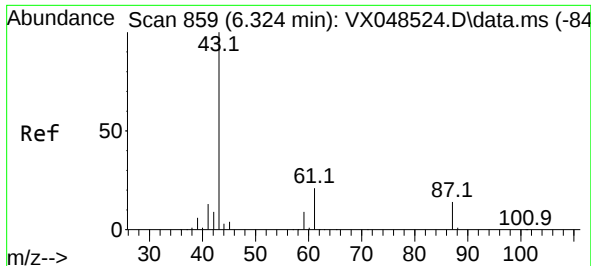
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 47.282 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

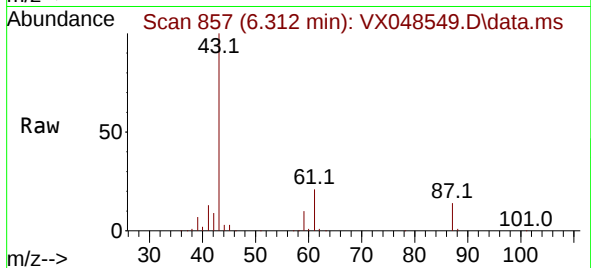
Tgt Ion: 62 Resp: 147507
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 46.667 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

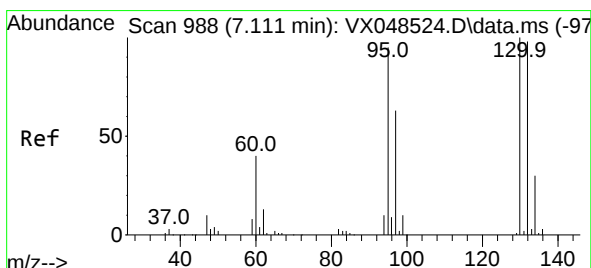
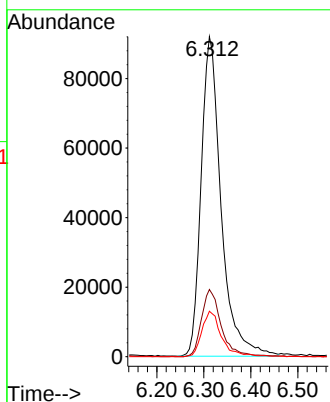
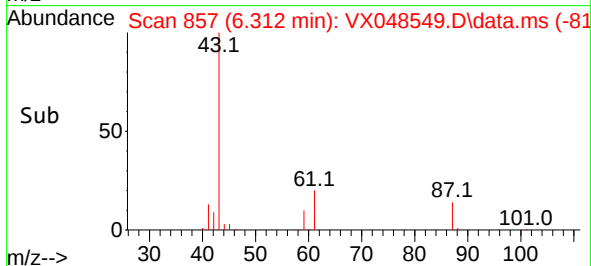
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



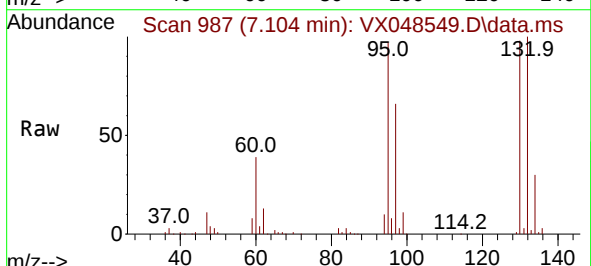
Tgt Ion: 43 Resp: 27124
Ion Ratio Lower Upper
43 100
61 20.9 16.2 24.4
87 13.9 10.9 16.3

Manual Integrations
APPROVED

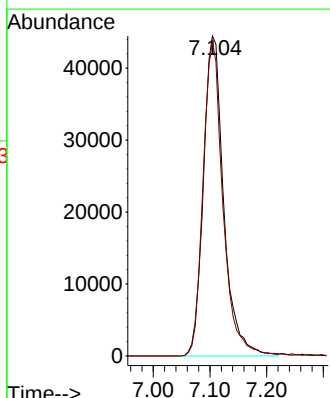
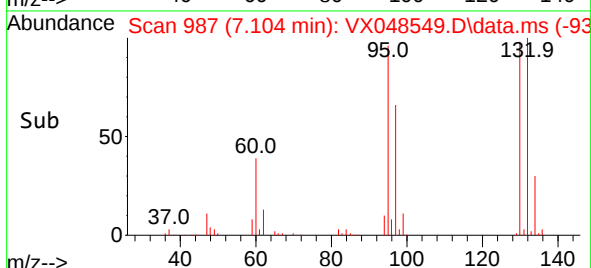
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

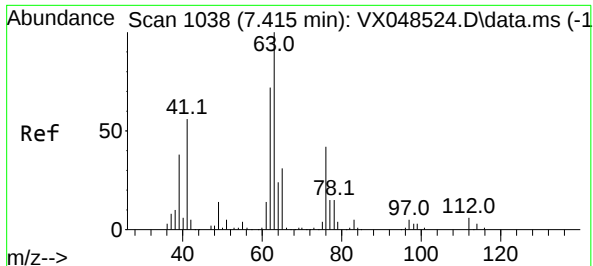


#44
Trichloroethene
Concen: 50.784 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



Tgt Ion:130 Resp: 110527
Ion Ratio Lower Upper
130 100
95 98.4 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.967 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10670

Ion Ratio Lower Upper

63 100

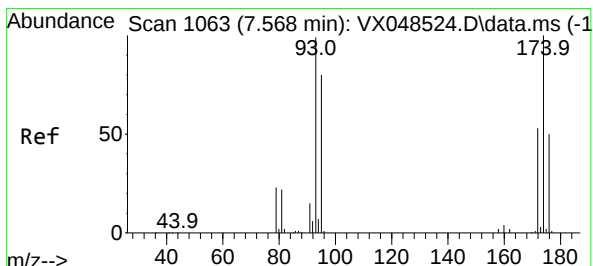
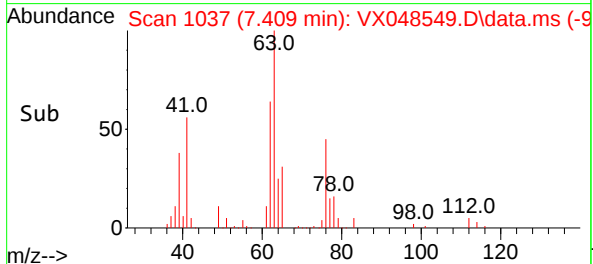
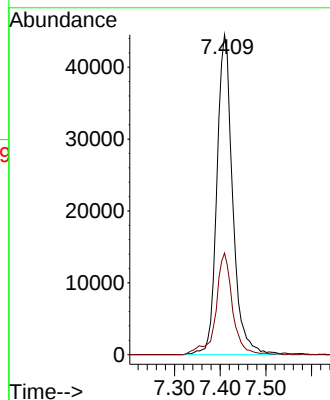
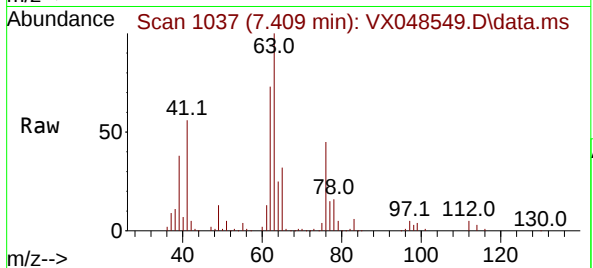
65 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 52.619 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

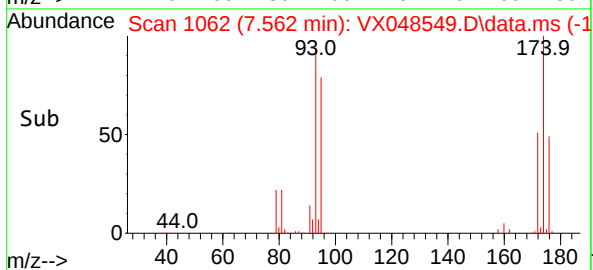
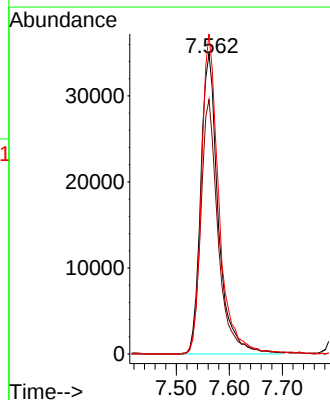
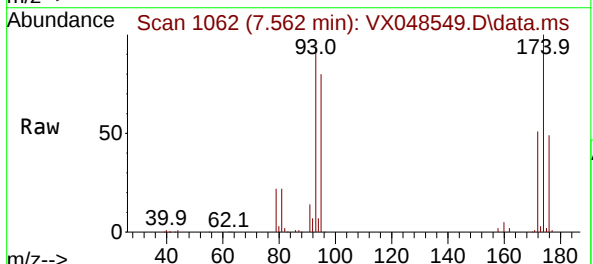
Tgt Ion: 93 Resp: 80349

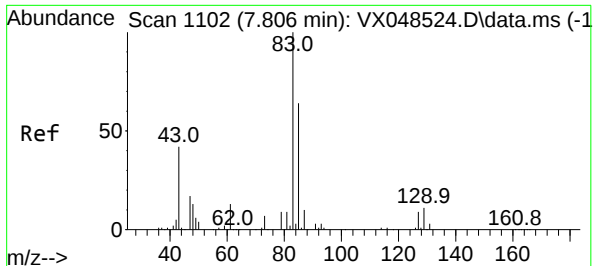
Ion Ratio Lower Upper

93 100

95 84.1 67.6 101.4

174 106.2 83.0 124.6





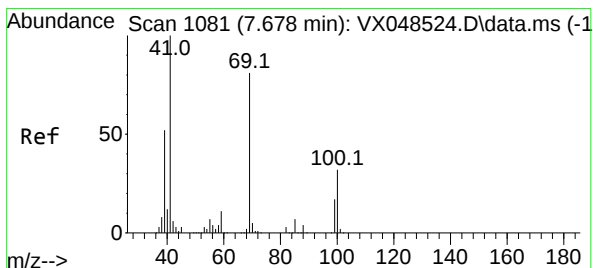
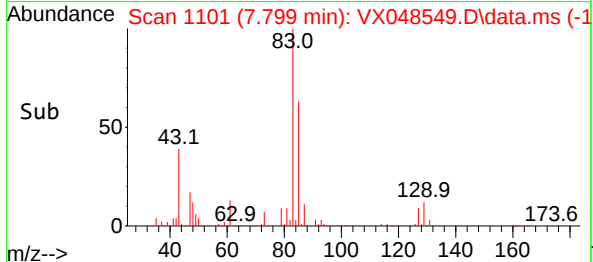
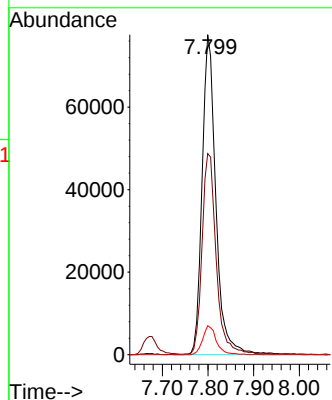
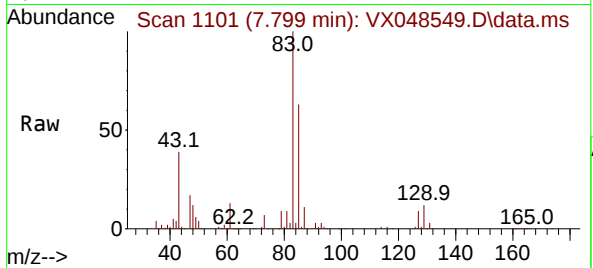
#47
Bromodichloromethane
Concen: 53.051 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 161608
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 9.1 7.0 10.4

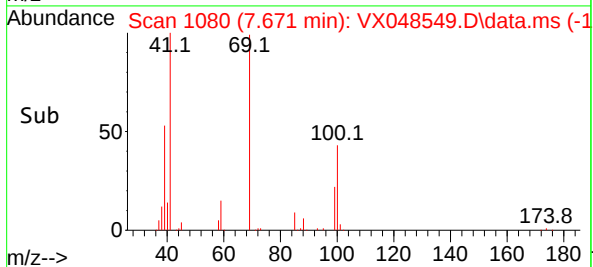
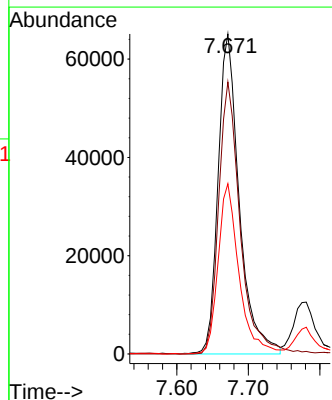
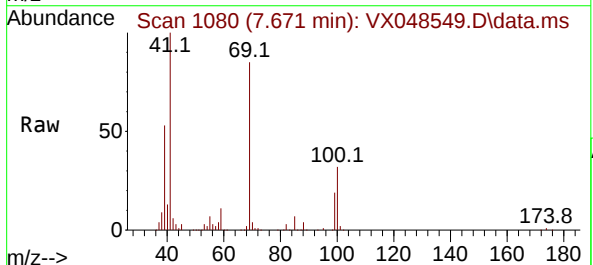
Manual Integrations
APPROVED

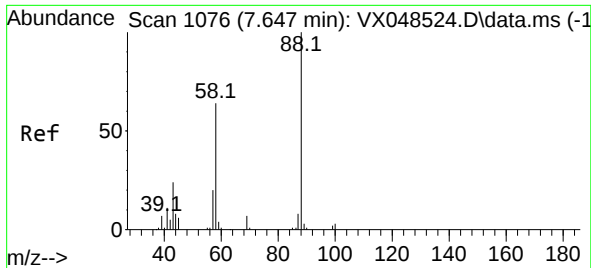
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 51.902 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

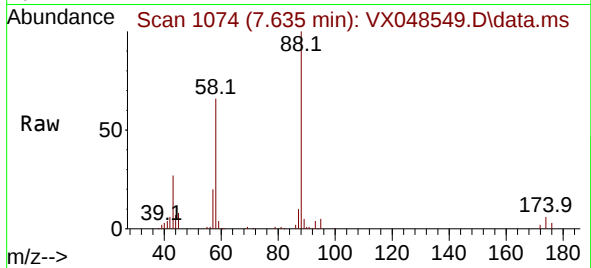
Tgt Ion: 41 Resp: 134101
Ion Ratio Lower Upper
41 100
69 86.6 67.9 101.9
39 52.5 42.2 63.2





#49
1,4-Dioxane
Concen: 1070.051 ug/l
RT: 7.635 min Scan# 1076
Delta R.T. -0.012 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

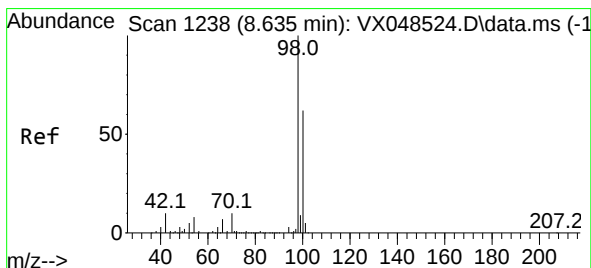
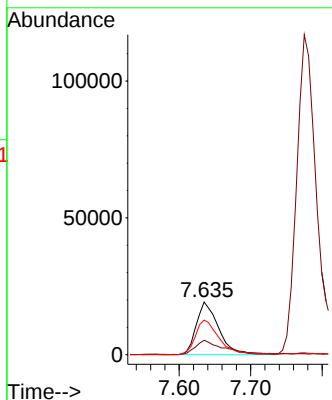
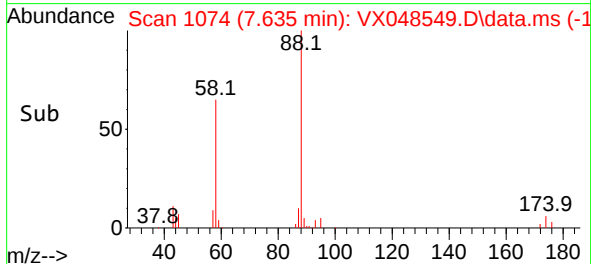
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 42128
Ion Ratio Lower Upper
88 100
43 33.8 25.1 37.7
58 69.8 56.7 85.1

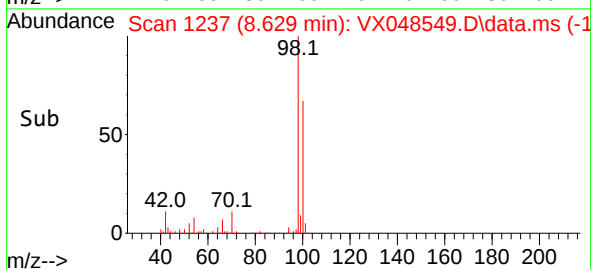
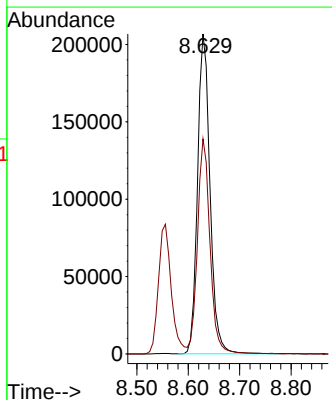
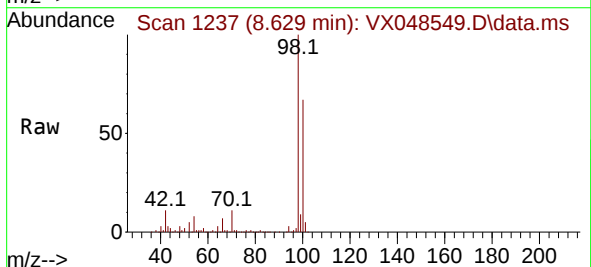
Manual Integrations
APPROVED

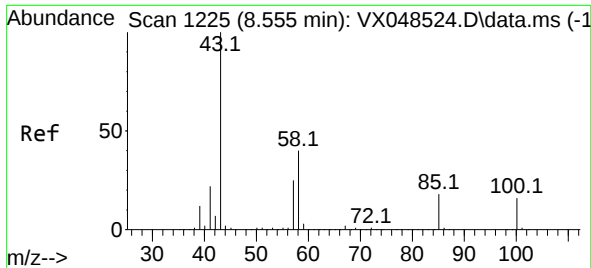
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#50
Toluene-d8
Concen: 50.778 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion: 98 Resp: 347402
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4





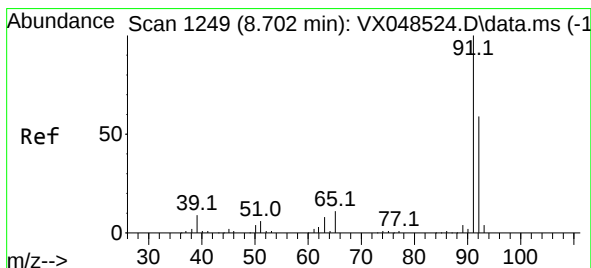
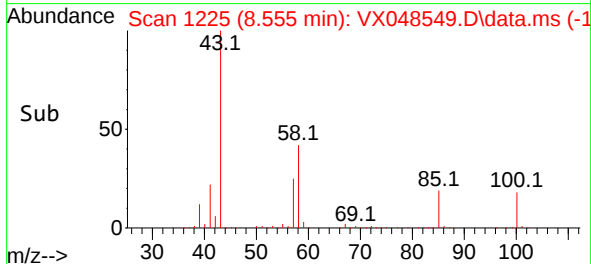
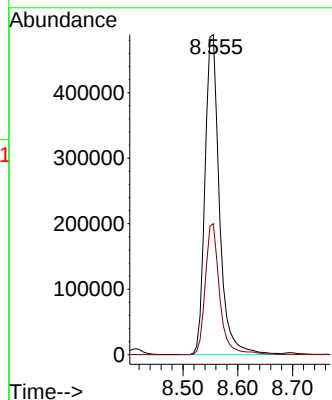
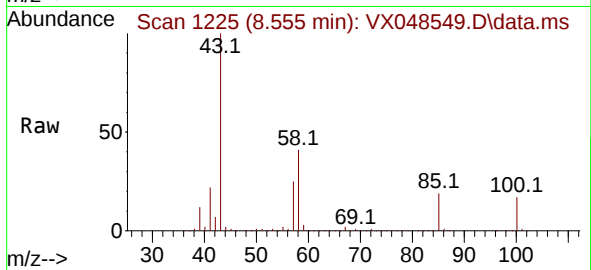
#51
4-Methyl-2-Pentanone
Concen: 269.707 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 89233
Ion Ratio Lower Upper
43 100
58 40.9 32.3 48.5

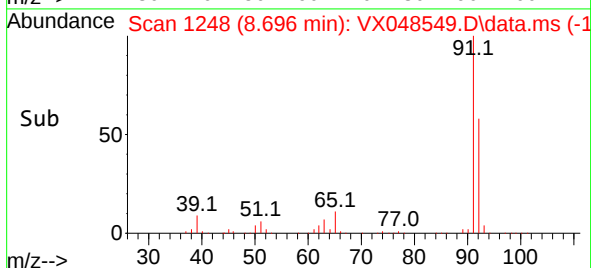
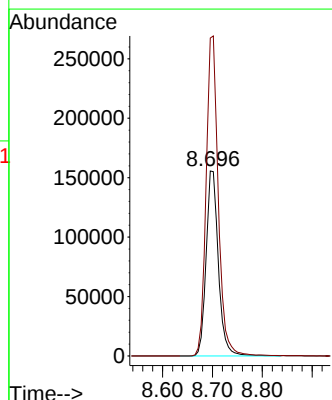
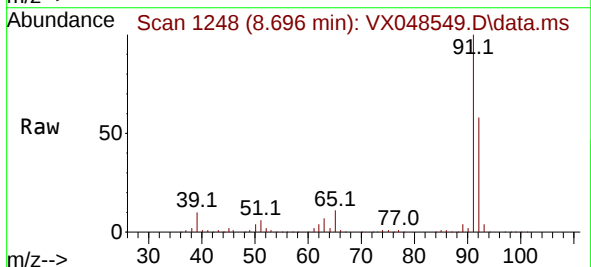
Manual Integrations
APPROVED

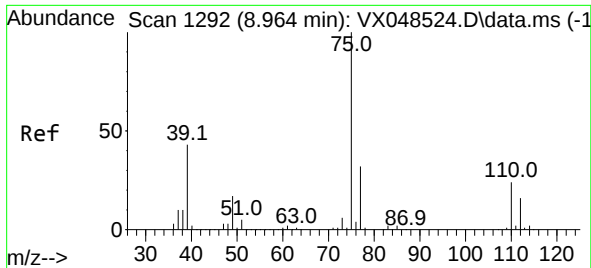
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#52
Toluene
Concen: 55.319 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion: 92 Resp: 265187
Ion Ratio Lower Upper
92 100
91 172.0 137.0 205.6





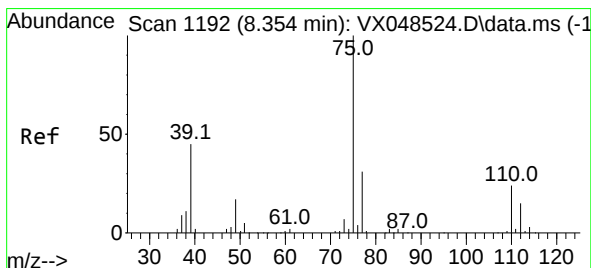
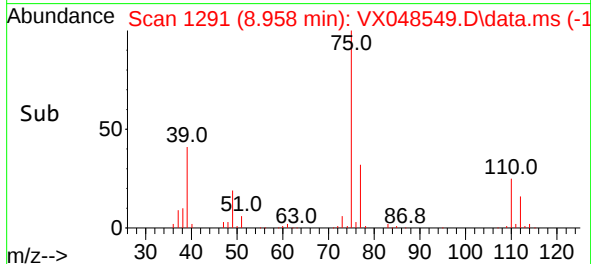
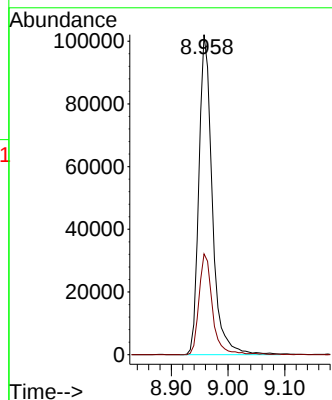
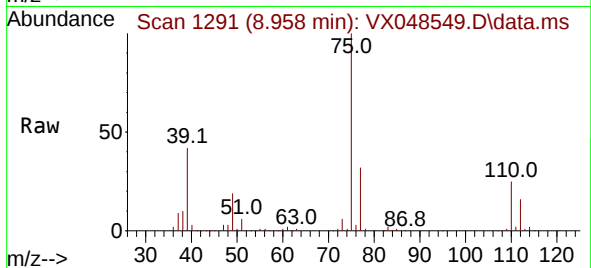
#53
t-1,3-Dichloropropene
Concen: 53.300 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 167309
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

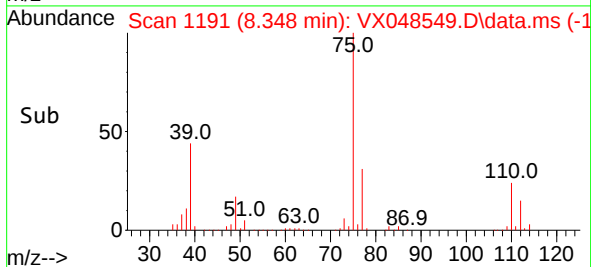
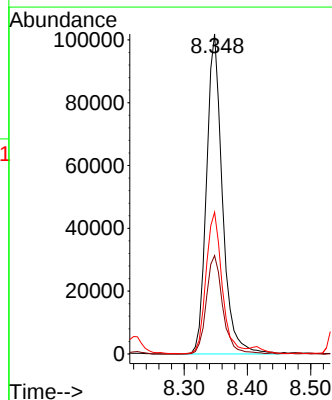
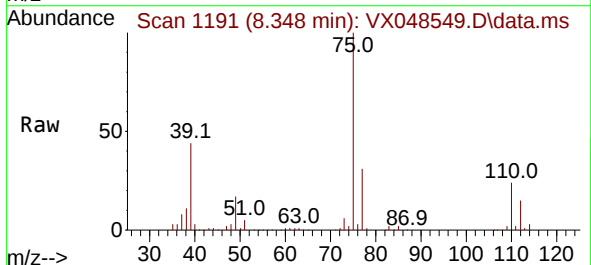
Manual Integrations
APPROVED

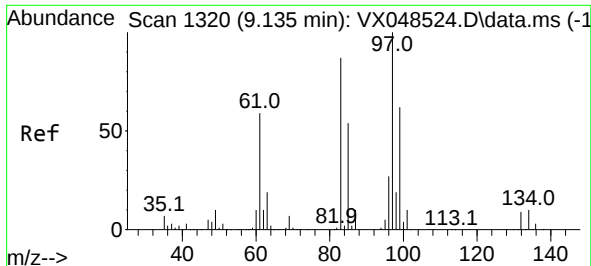
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#54
cis-1,3-Dichloropropene
Concen: 54.873 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion: 75 Resp: 178351
Ion Ratio Lower Upper
75 100
77 30.8 24.7 37.1
39 44.2 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 56.803 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 108792

Ion Ratio Lower Upper

97 100

83 83.6 69.2 103.8

85 54.3 42.8 64.2

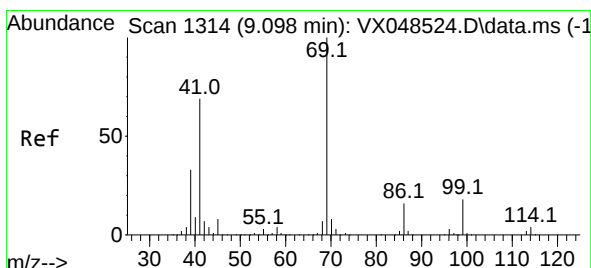
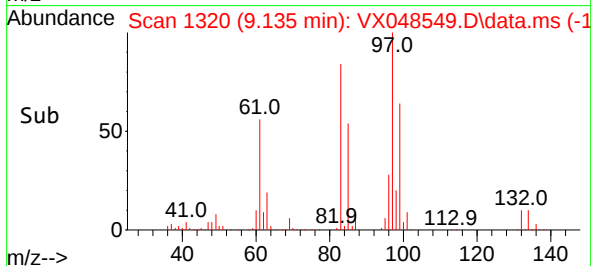
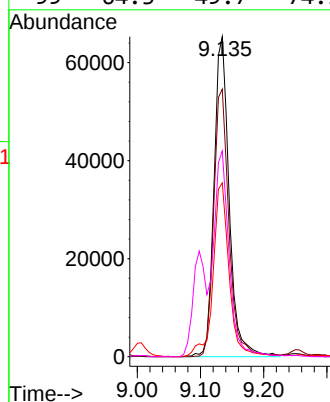
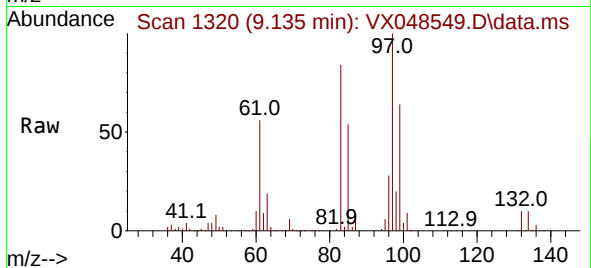
99 64.3 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#56

Ethyl methacrylate

Concen: 56.995 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

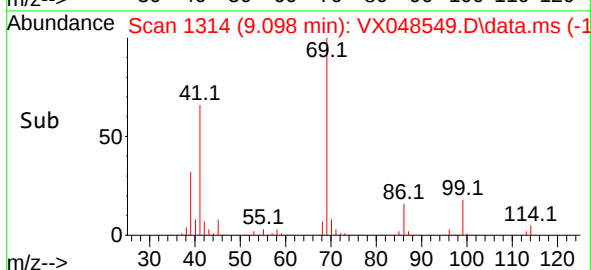
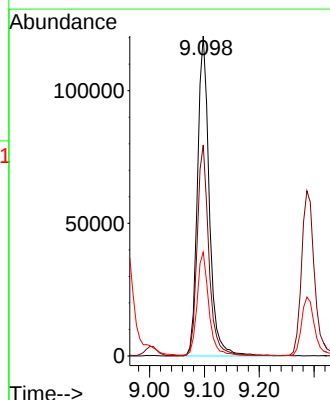
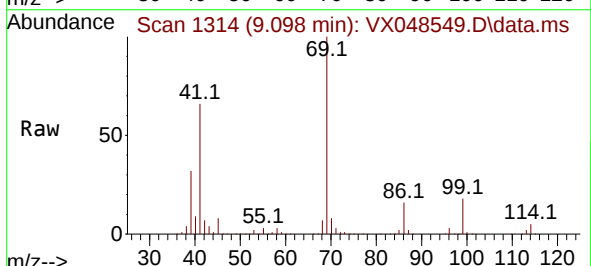
Tgt Ion: 69 Resp: 181616

Ion Ratio Lower Upper

69 100

41 65.0 53.3 79.9

39 31.8 26.1 39.1





#57

1,3-Dichloropropane

Concen: 54.457 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 181544

Ion Ratio Lower Upper

76 100

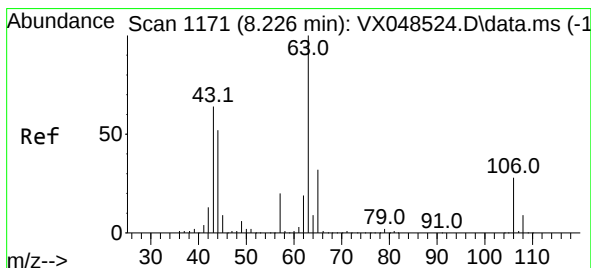
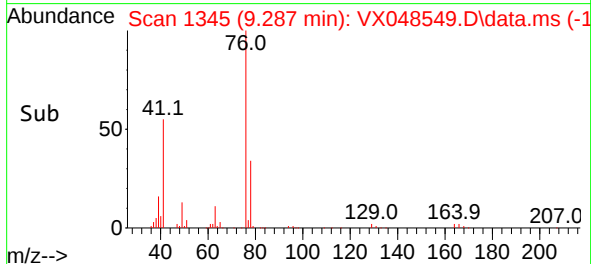
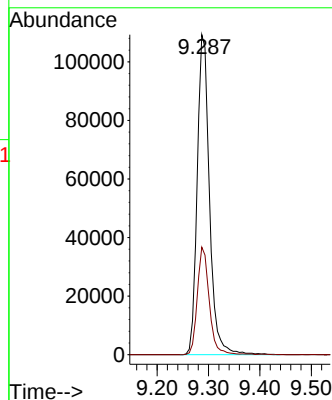
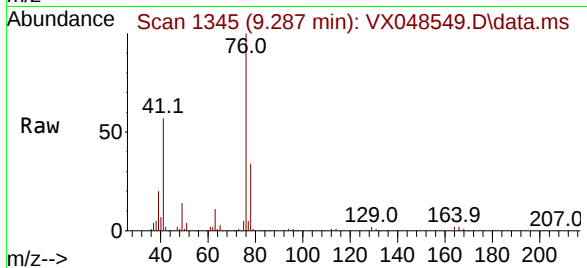
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 303.058 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048549.D

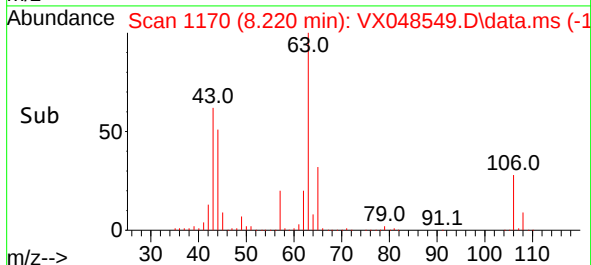
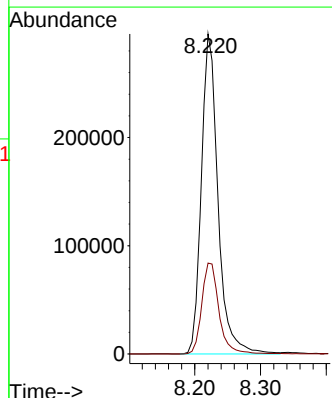
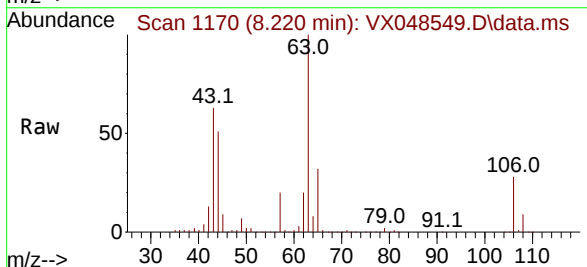
Acq: 11 Nov 2025 09:11

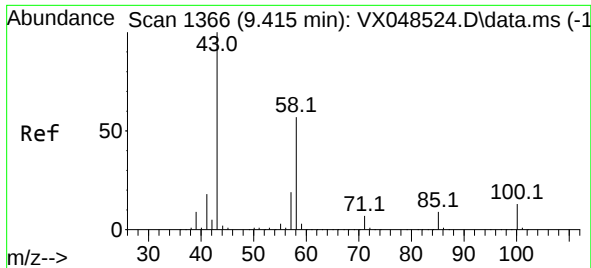
Tgt Ion: 63 Resp: 519188

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.4





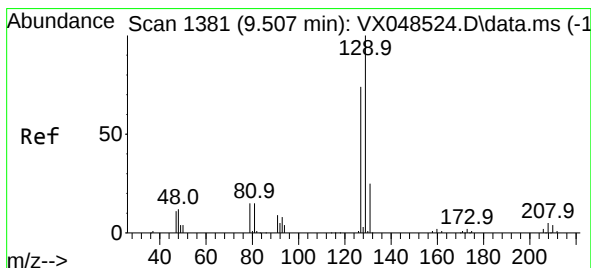
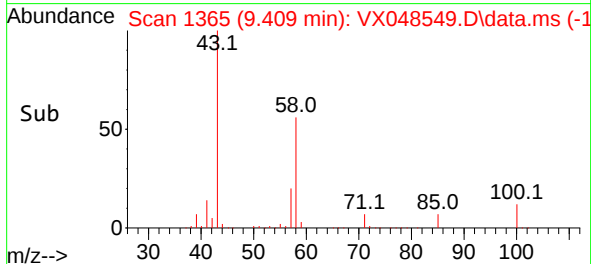
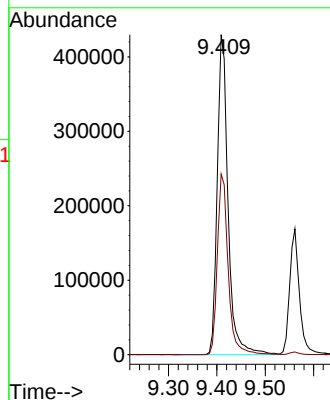
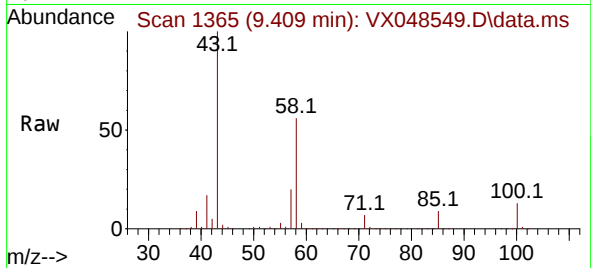
#59
2-Hexanone
Concen: 269.544 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66336
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.2

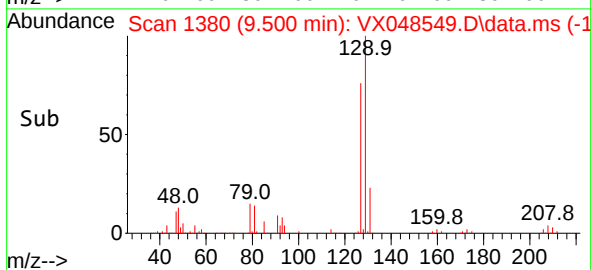
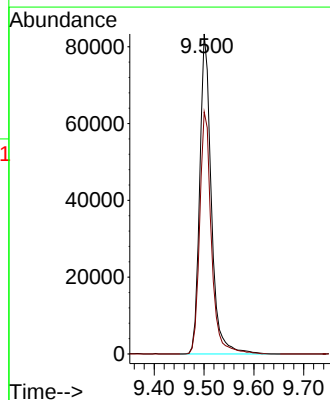
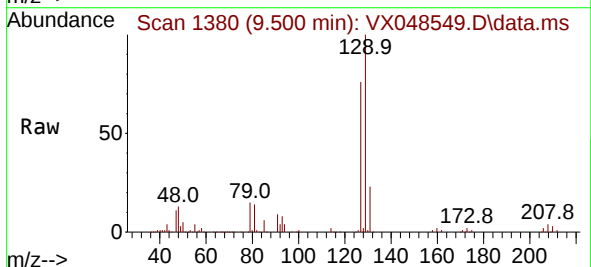
Manual Integrations
APPROVED

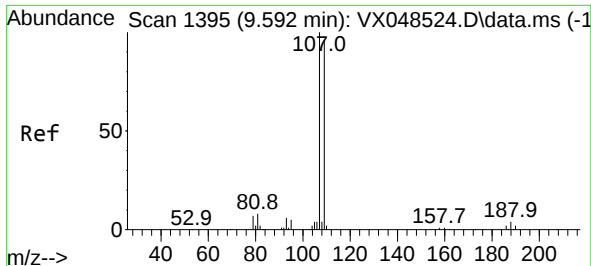
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
Dibromochloromethane
Concen: 57.004 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

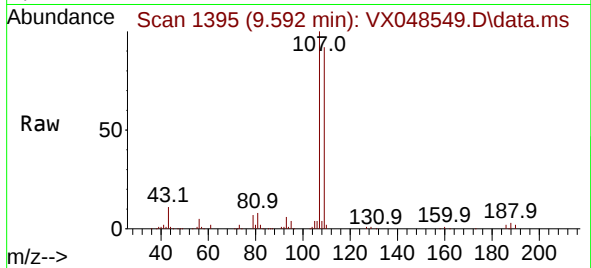
Tgt Ion:129 Resp: 134047
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.0





#61
1,2-Dibromoethane
Concen: 56.978 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

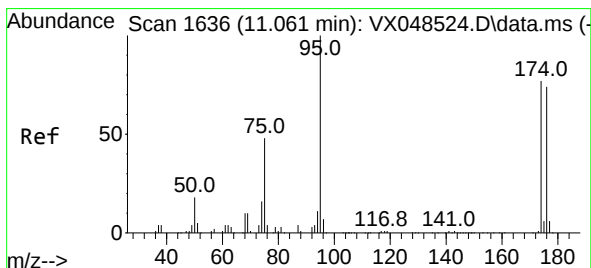
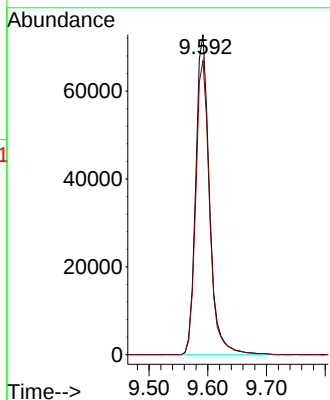
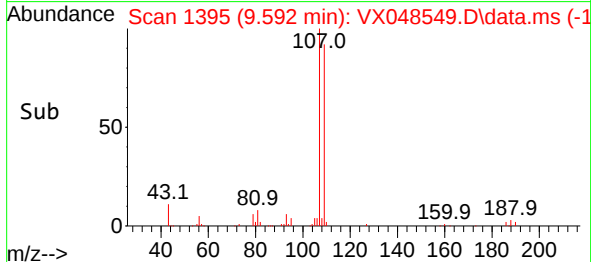
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 11819
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9

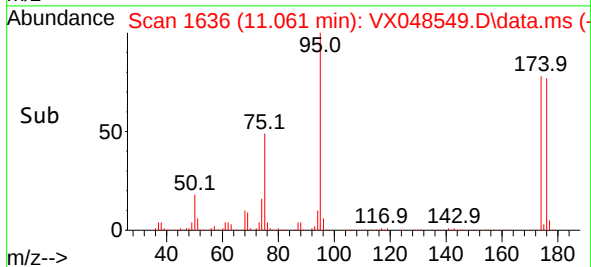
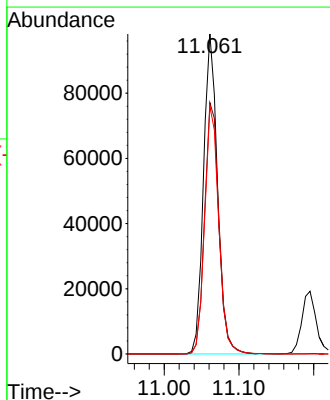
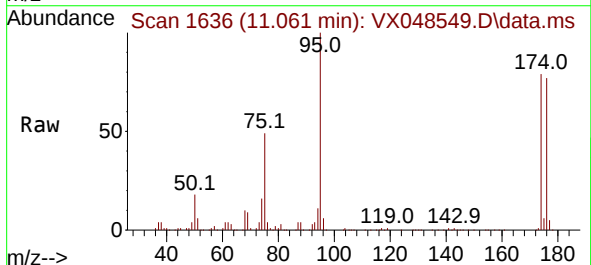
Manual Integrations
APPROVED

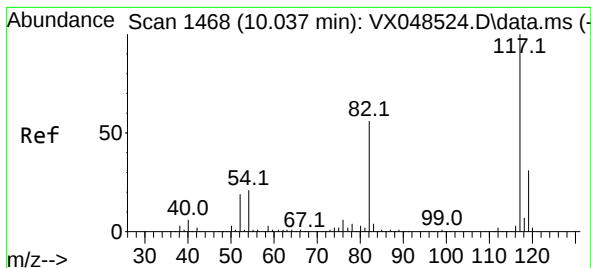
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
4-Bromofluorobenzene
Concen: 50.038 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

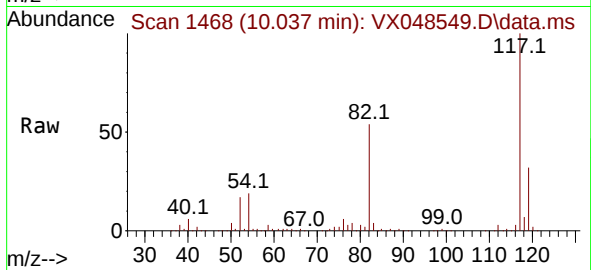
Tgt Ion: 95 Resp: 127579
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.8
176 78.2 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

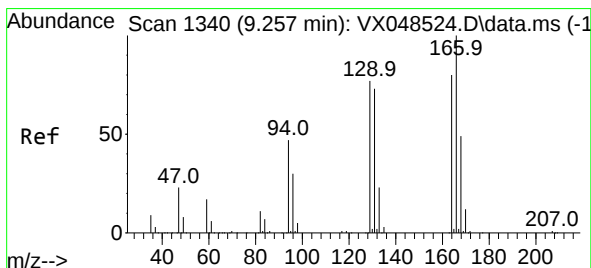
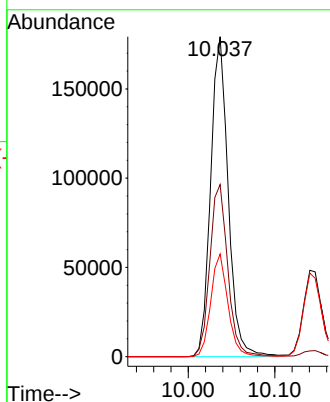
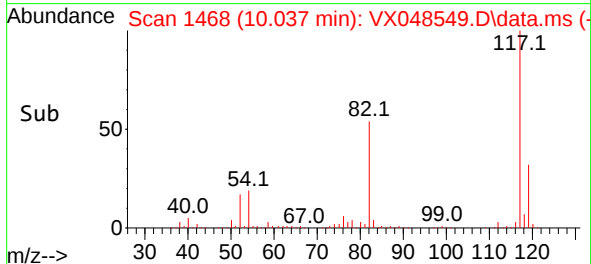
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 252348
Ion Ratio Lower Upper
117 100
82 53.8 44.4 66.6
119 32.1 25.1 37.7

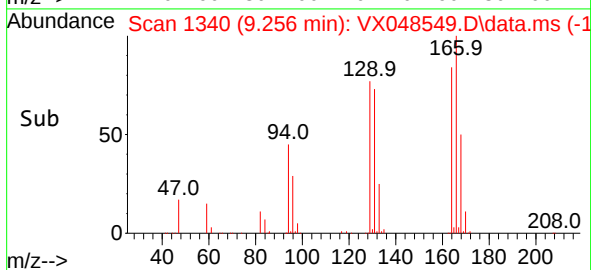
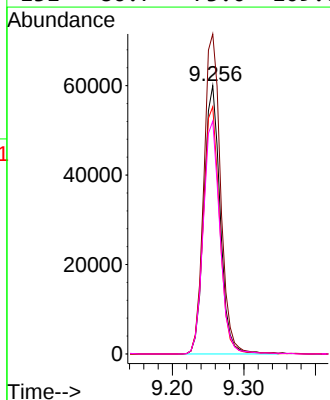
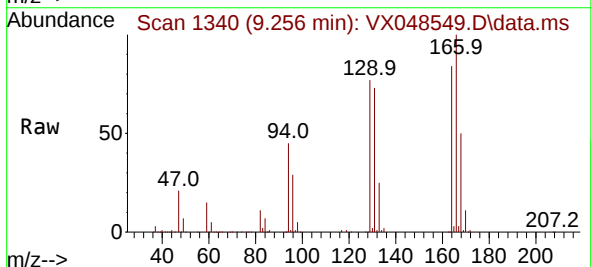
Manual Integrations
APPROVED

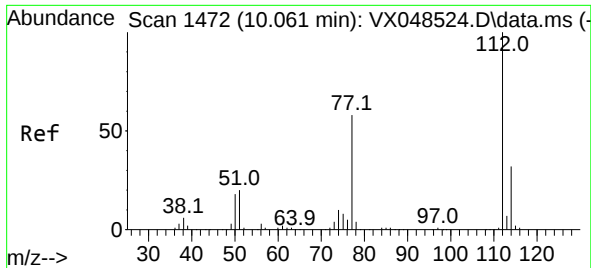
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
Tetrachloroethene
Concen: 51.608 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion:164 Resp: 94591
Ion Ratio Lower Upper
164 100
166 119.2 100.6 150.8
129 92.1 77.6 116.4
131 86.7 73.0 109.6





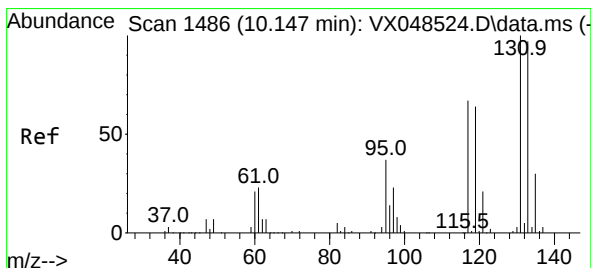
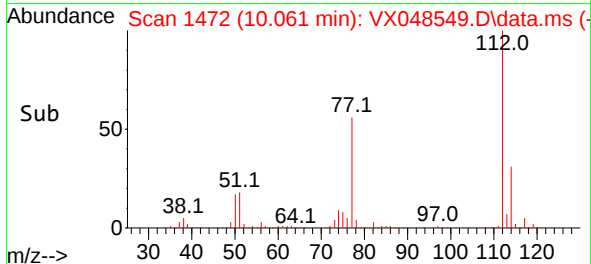
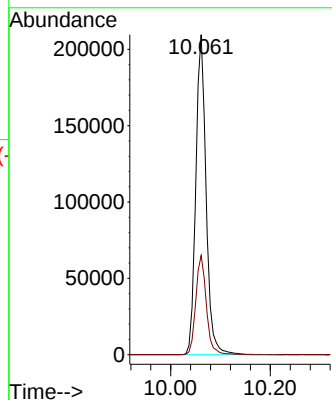
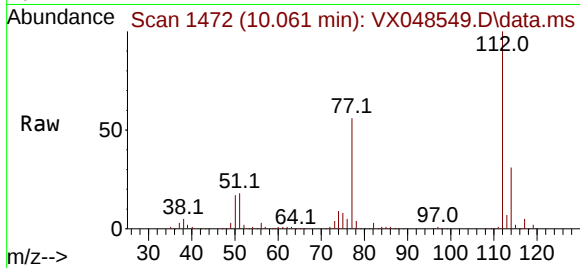
#65
Chlorobenzene
Concen: 50.102 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 300089
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3

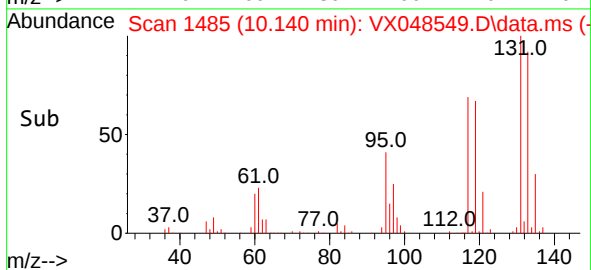
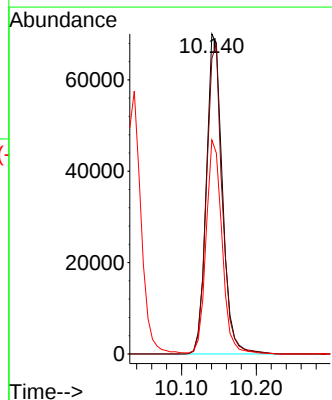
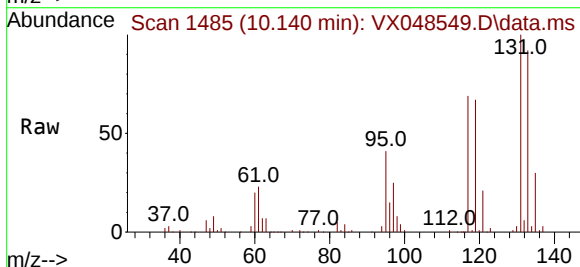
Manual Integrations
APPROVED

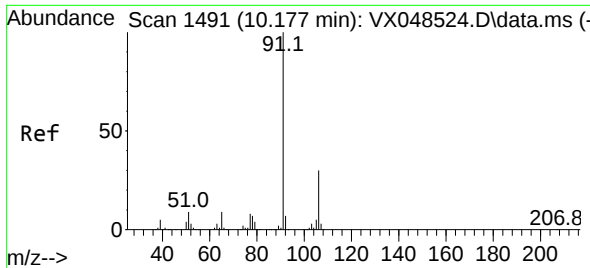
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.098 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

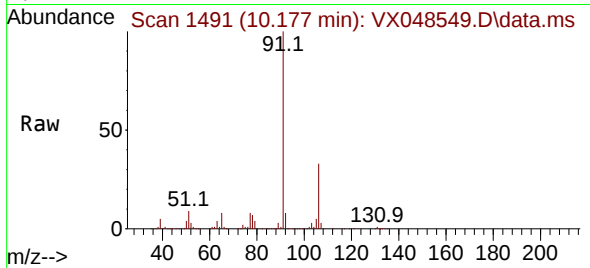
Tgt Ion:131 Resp: 104554
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 66.4 32.8 98.3





#67
Ethyl Benzene
Concen: 50.018 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

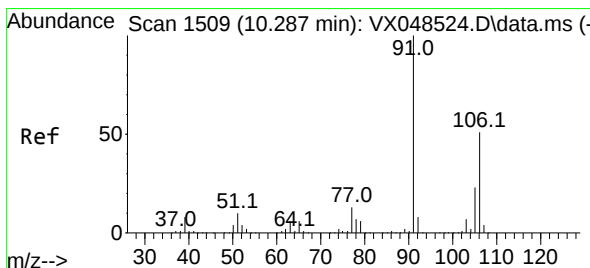
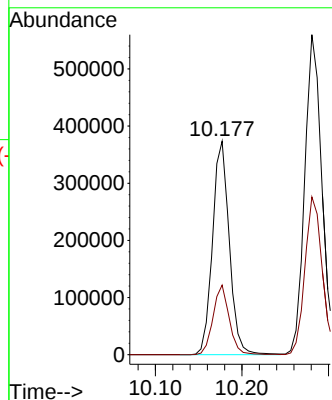
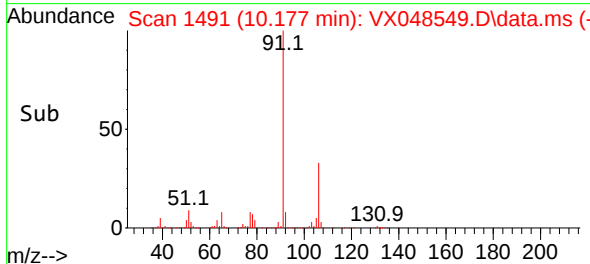
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



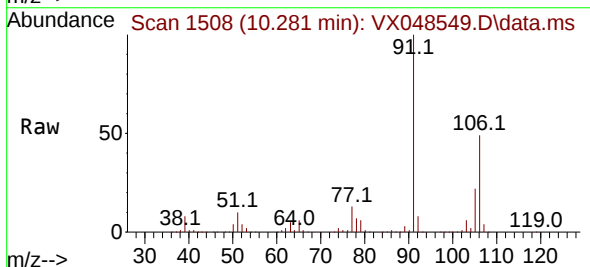
Tgt Ion: 91 Resp: 503070
Ion Ratio Lower Upper
91 100
106 32.6 24.1 36.1

Manual Integrations
APPROVED

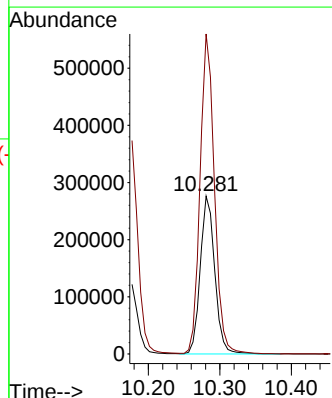
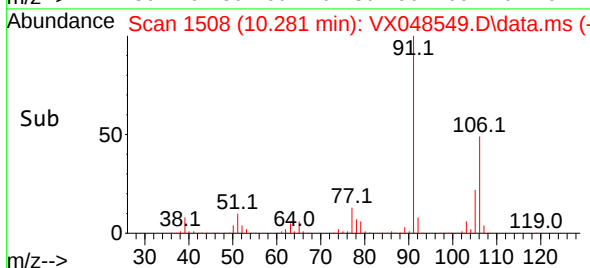
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

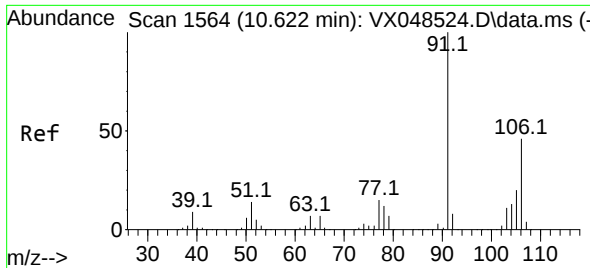


#68
m/p-Xylenes
Concen: 102.468 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



Tgt Ion:106 Resp: 388150
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4





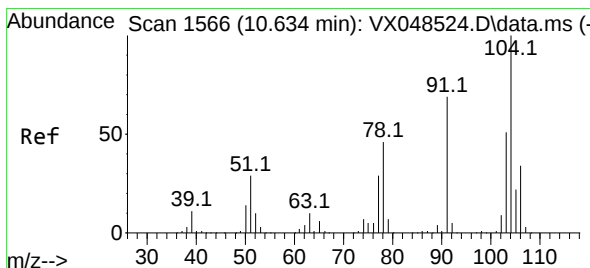
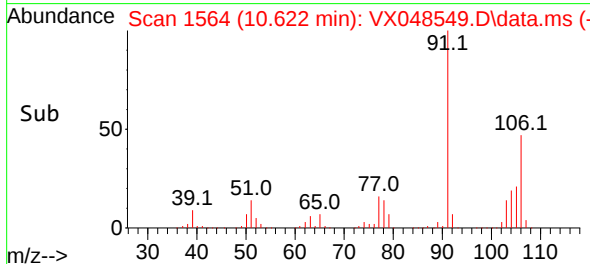
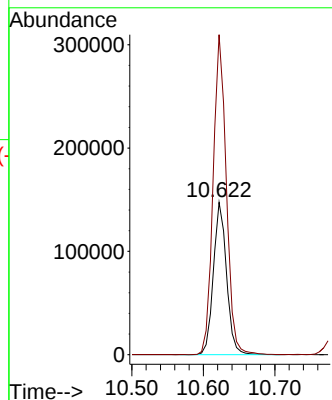
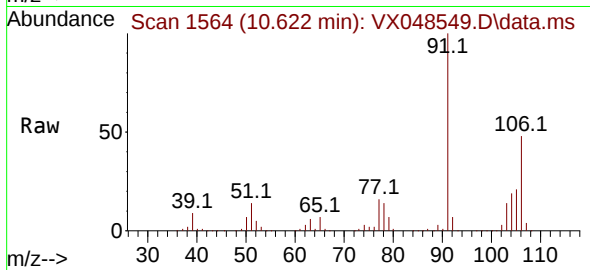
#69
o-Xylene
Concen: 50.735 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18803
Ion Ratio Lower Upper
106 100
91 211.0 106.4 319.2

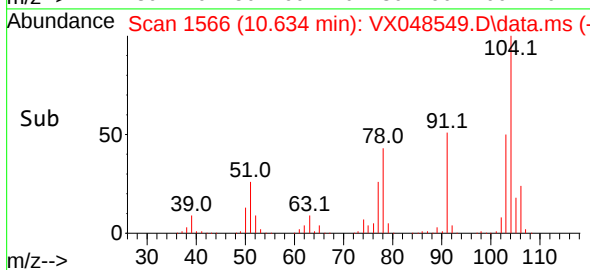
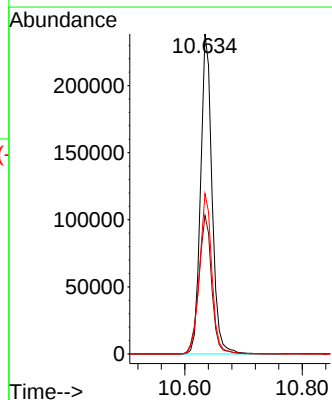
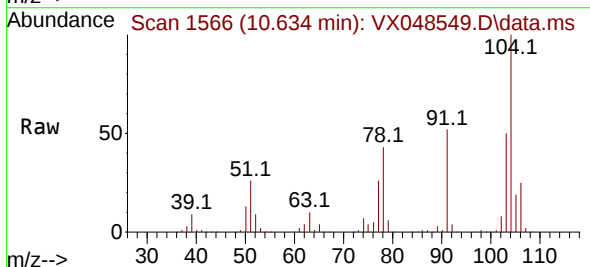
Manual Integrations
APPROVED

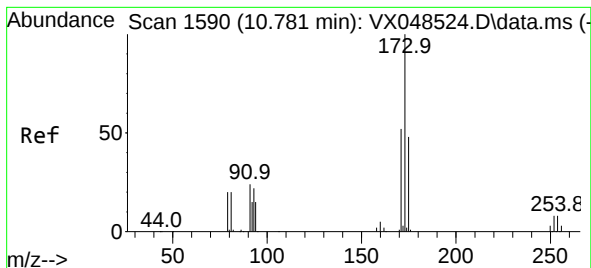
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
Styrene
Concen: 51.964 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

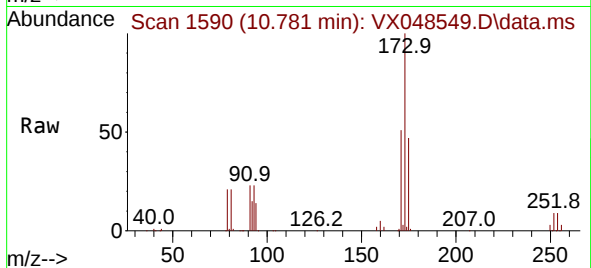
Tgt Ion:104 Resp: 323065
Ion Ratio Lower Upper
104 100
78 48.4 39.4 59.2
103 54.2 43.1 64.7





#71
Bromoform
Concen: 51.614 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

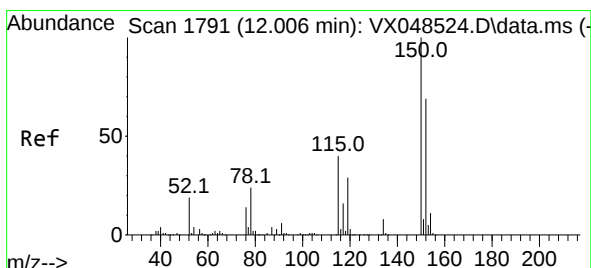
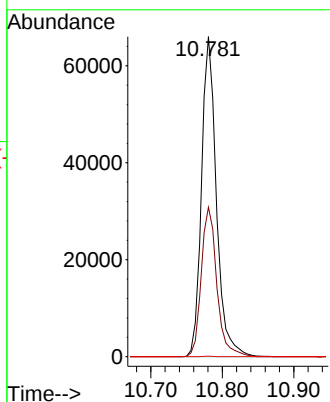
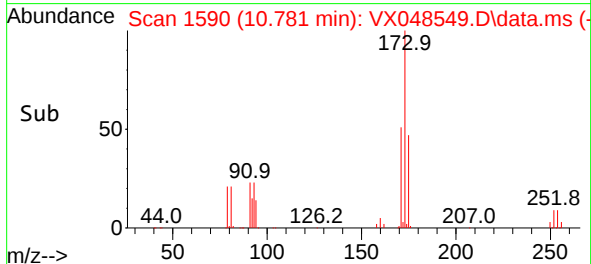
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



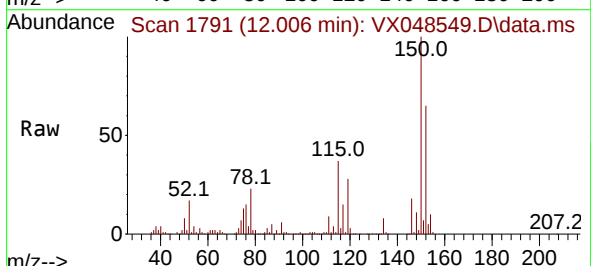
Tgt Ion:173 Resp: 95564
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

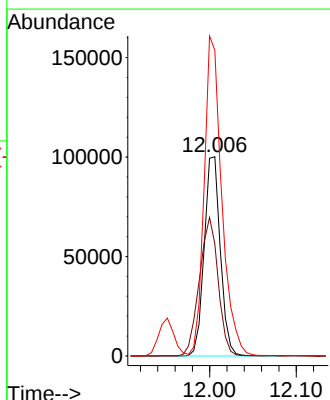
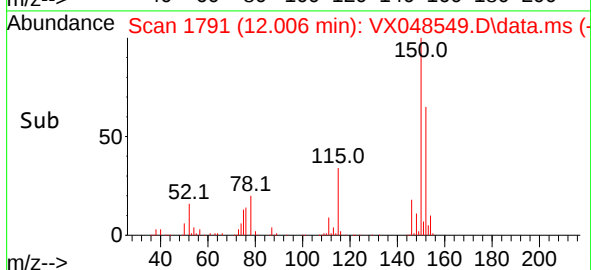
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

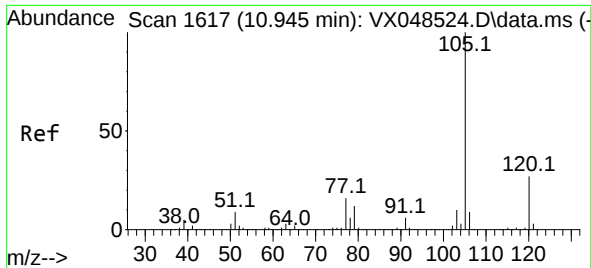


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



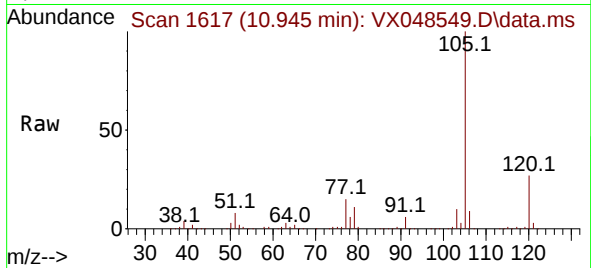
Tgt Ion:152 Resp: 129793
Ion Ratio Lower Upper
152 100
115 80.5 39.2 117.6
150 174.8 0.0 347.0





#73
Isopropylbenzene
Concen: 51.515 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

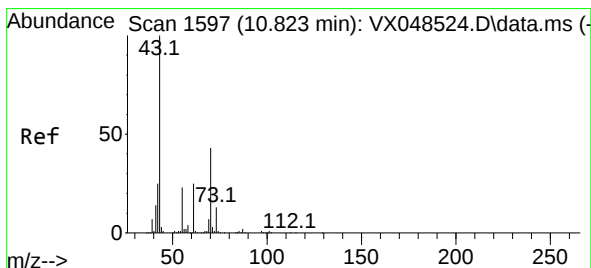
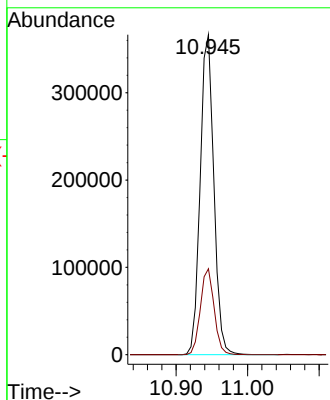
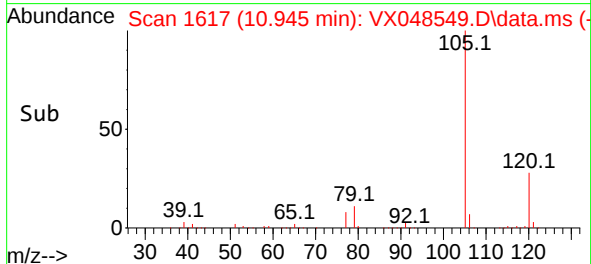
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 485332
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7

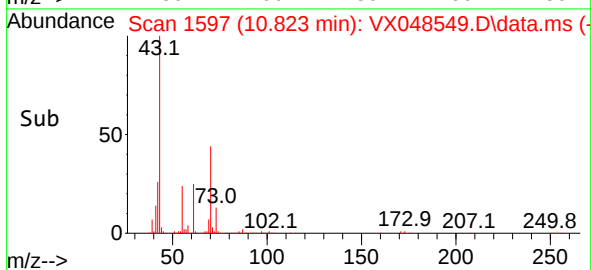
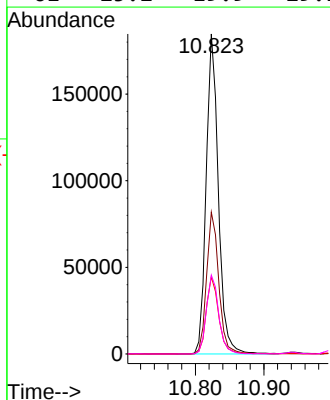
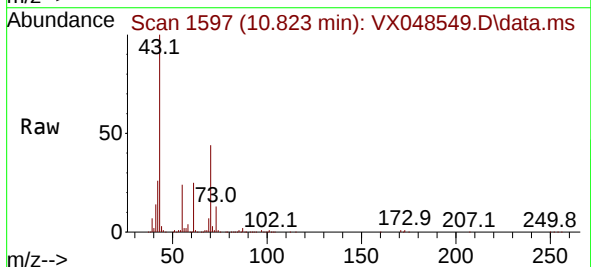
Manual Integrations
APPROVED

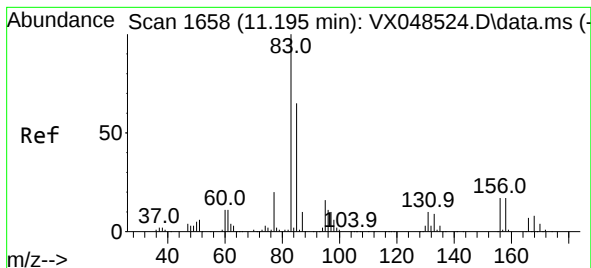
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
N-ethyl acetate
Concen: 48.257 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

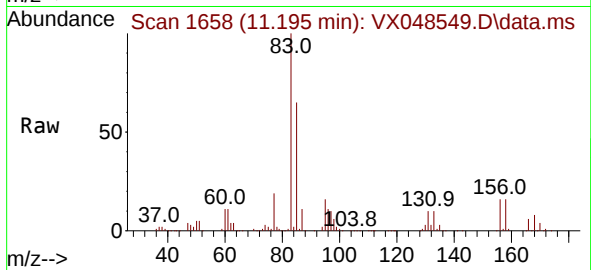
Tgt Ion: 43 Resp: 228279
Ion Ratio Lower Upper
43 100
70 44.5 35.1 52.7
55 24.7 19.3 28.9
61 25.2 19.9 29.9





#75
1,1,2,2-Tetrachloroethane
Concen: 49.712 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

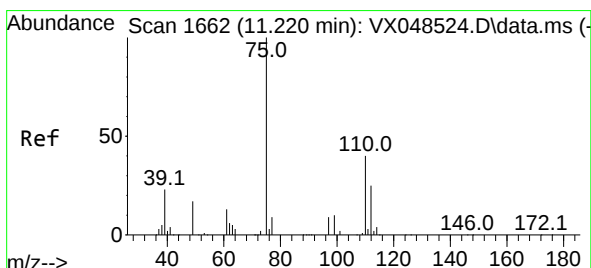
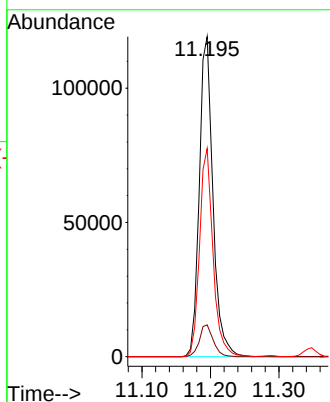
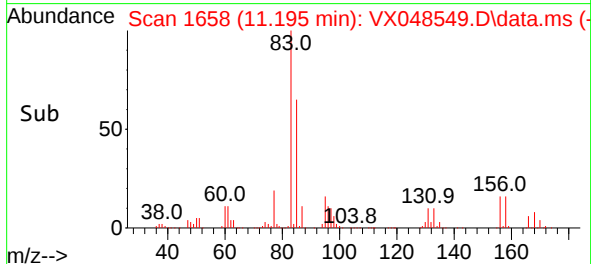
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



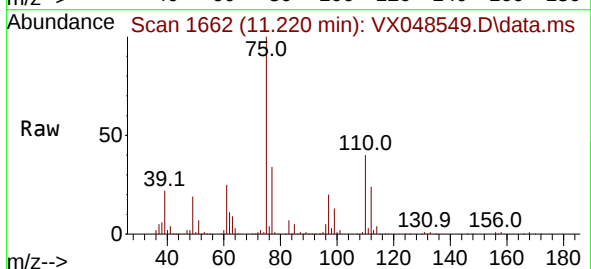
Tgt Ion: 83 Resp: 16516
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.1 32.3 96.8

Manual Integrations
APPROVED

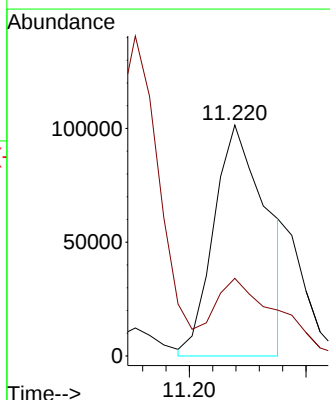
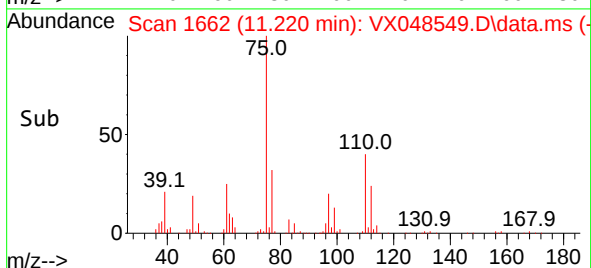
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

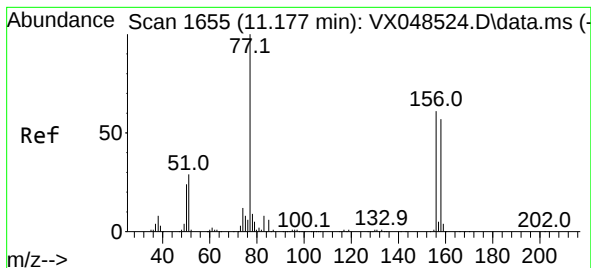


#76
1,2,3-Trichloropropane
Concen: 50.685 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



Tgt Ion: 75 Resp: 158487
Ion Ratio Lower Upper
75 100
77 40.9 24.3 72.8





#77

Bromobenzene

Concen: 50.679 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

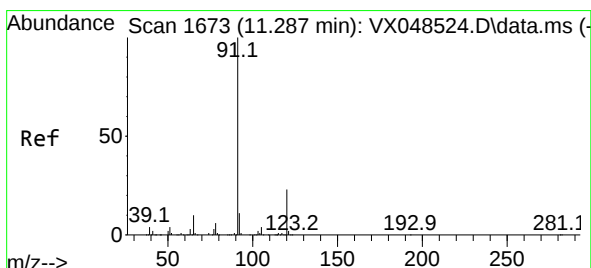
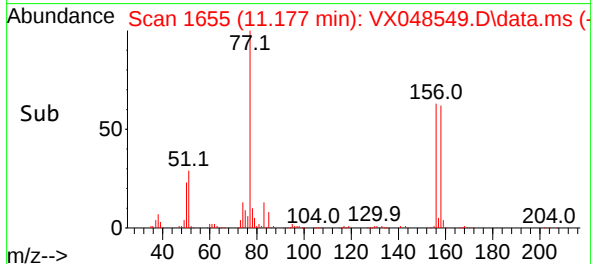
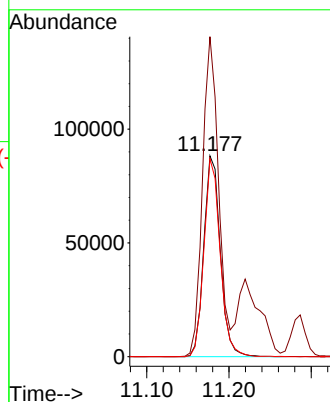
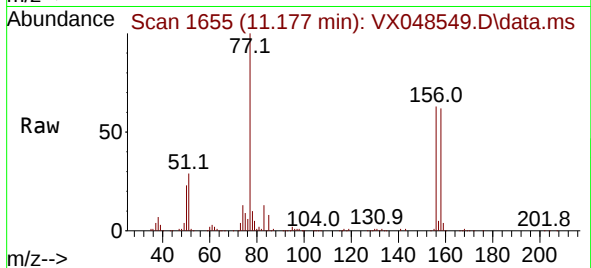
Tgt Ion:	156	Resp:	123289
Ion Ratio	Lower	Upper	
156	100		
77	154.6	78.1	234.4
158	96.6	48.5	145.5

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#78

n-propylbenzene

Concen: 50.719 ug/l

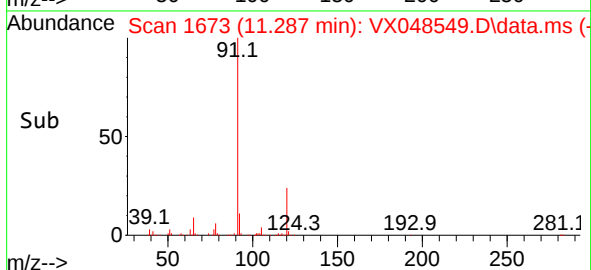
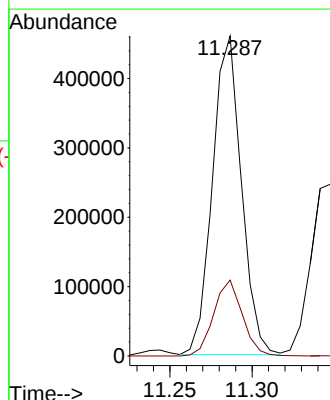
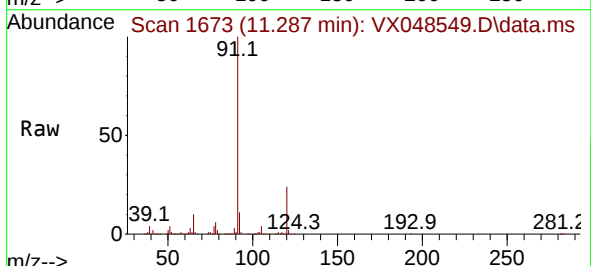
RT: 11.287 min Scan# 1673

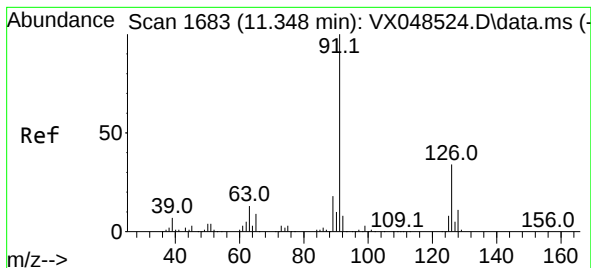
Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Tgt Ion:	91	Resp:	561861
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





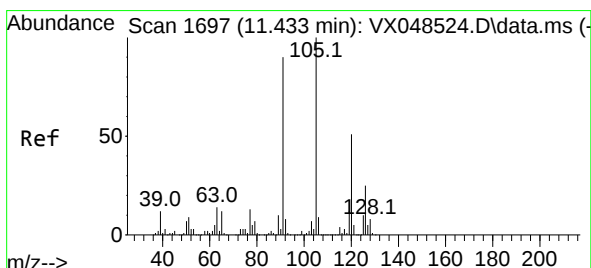
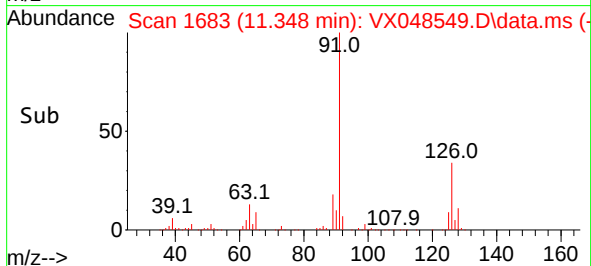
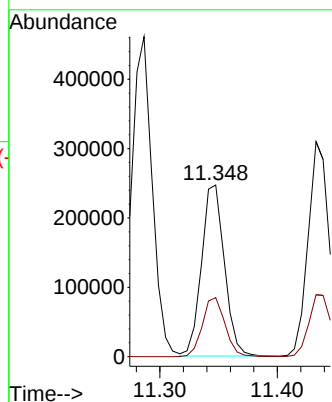
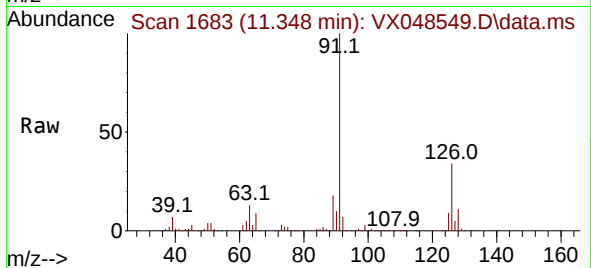
#79
2-Chlorotoluene
Concen: 49.923 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 334184
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

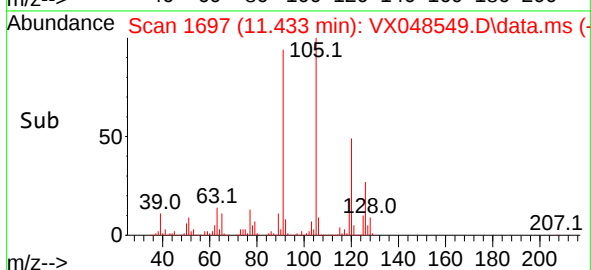
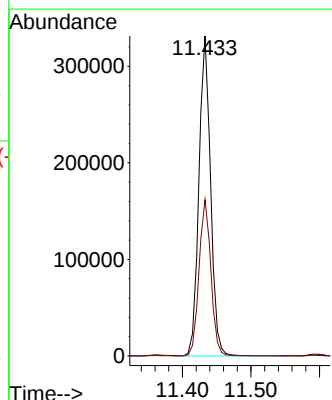
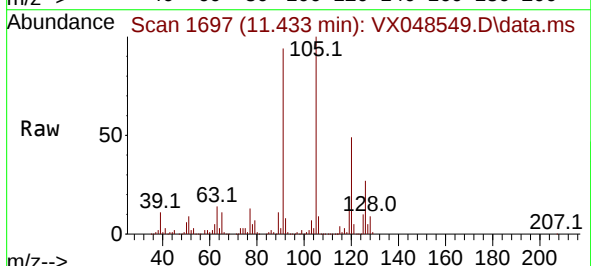
Manual Integrations
APPROVED

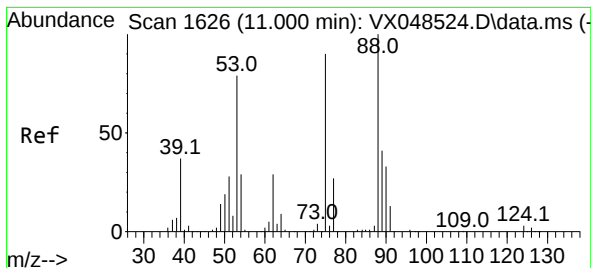
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.080 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion:105 Resp: 392309
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2





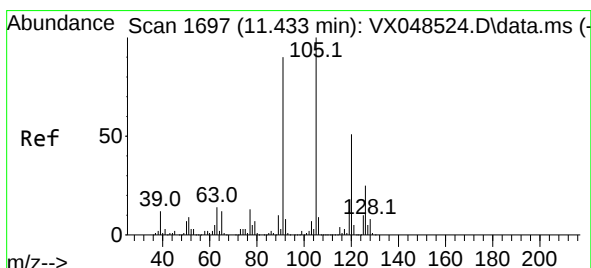
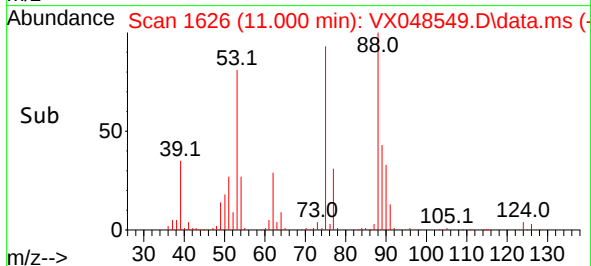
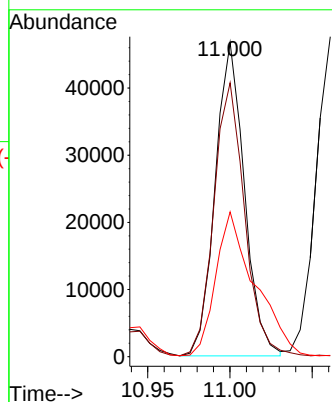
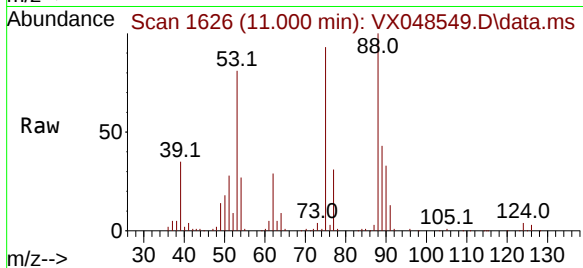
#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.635 ug/l
 RT: 11.000 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 5754
 Ion Ratio Lower Upper
 75 100
 53 93.1 72.4 108.6
 89 63.0 43.6 65.4

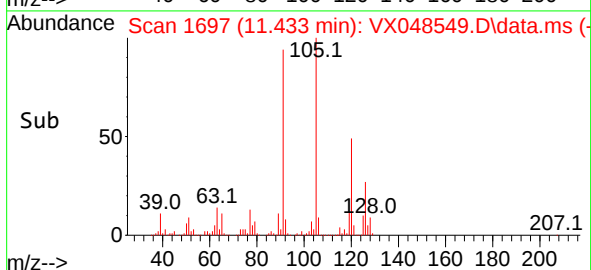
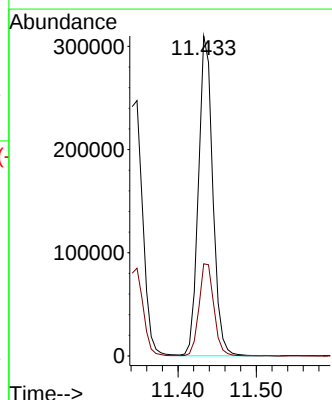
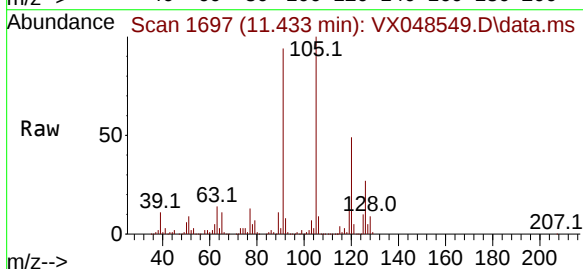
Manual Integrations
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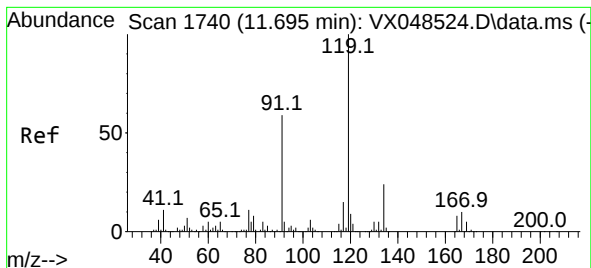
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#82
 4-Chlorotoluene
 Concen: 50.293 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

Tgt Ion: 91 Resp: 394909
 Ion Ratio Lower Upper
 91 100
 126 29.9 14.9 44.7





#83

tert-Butylbenzene

Concen: 52.308 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 415520

Ion Ratio Lower Upper

119 100

91 54.4 27.1 81.3

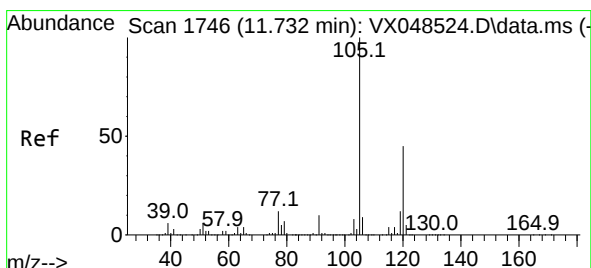
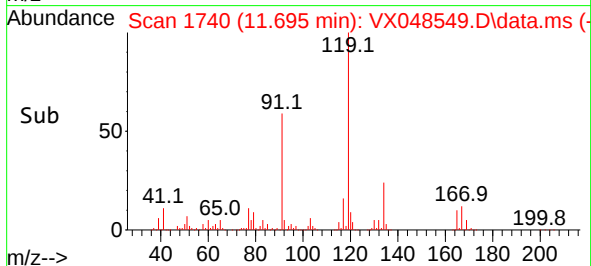
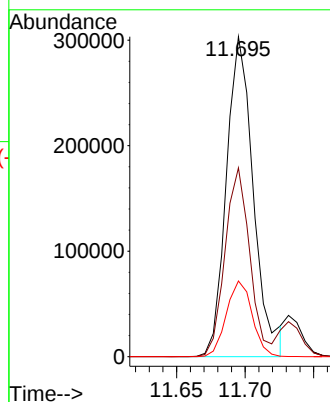
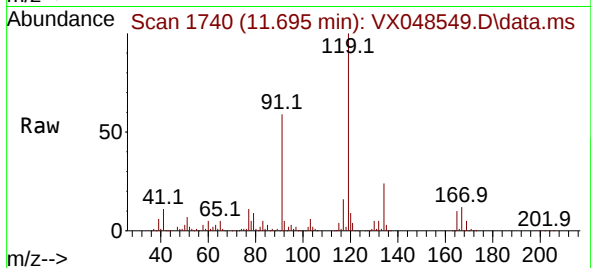
134 22.7 11.4 34.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.459 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048549.D

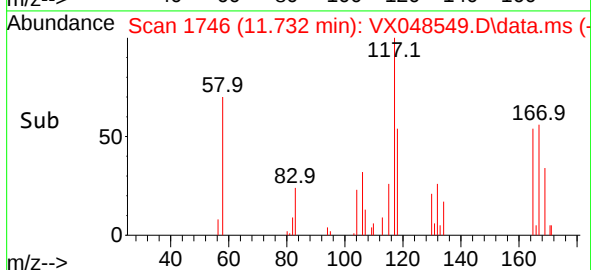
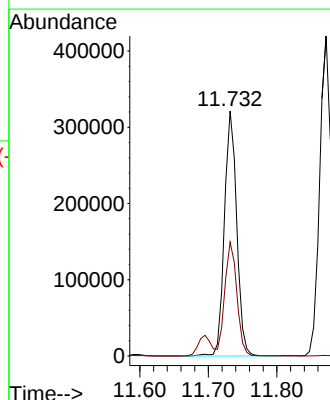
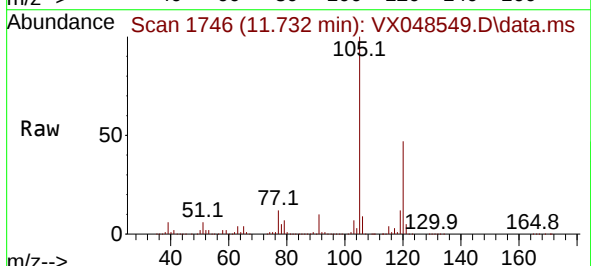
Acq: 11 Nov 2025 09:11

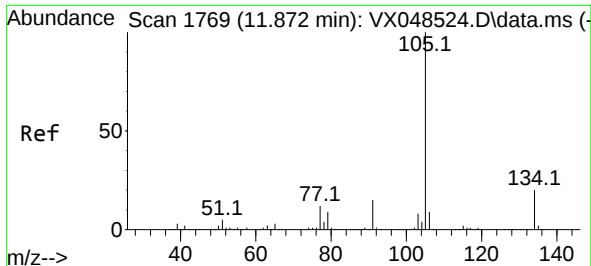
Tgt Ion:105 Resp: 398772

Ion Ratio Lower Upper

105 100

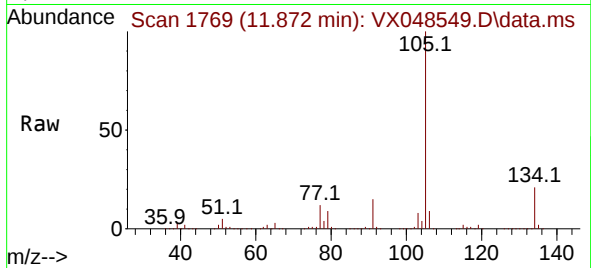
120 45.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 51.391 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11

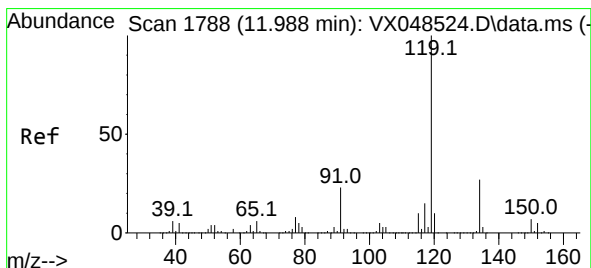
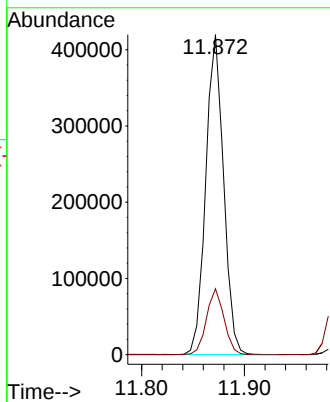
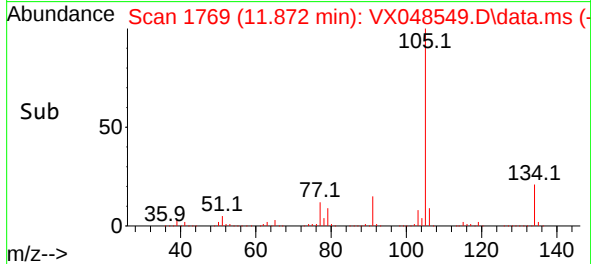
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



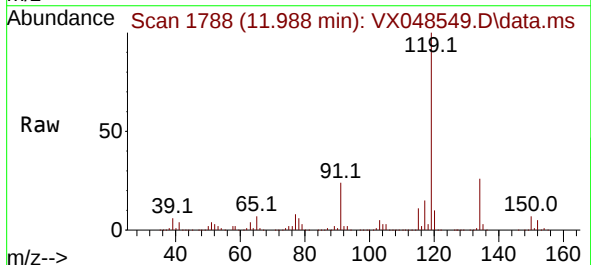
Tgt Ion:105 Resp: 504559
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
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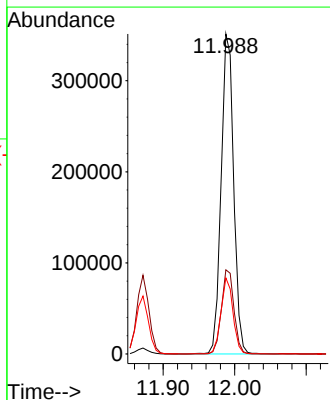
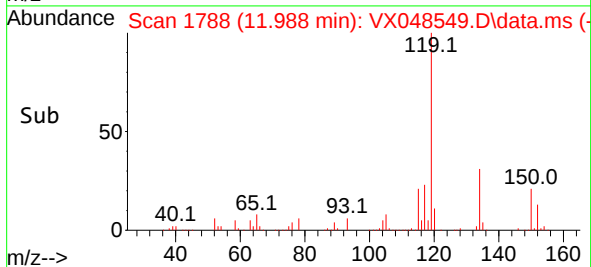
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

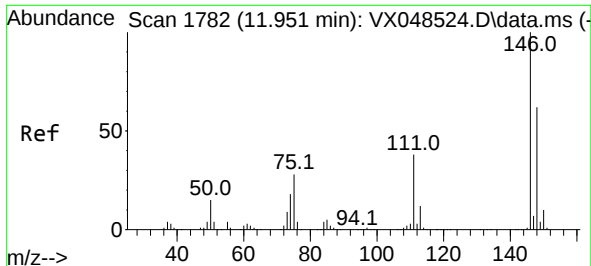


#86
 p-Isopropyltoluene
 Concen: 51.845 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048549.D
 Acq: 11 Nov 2025 09:11



Tgt Ion:119 Resp: 427948
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 22.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.454 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 230048

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

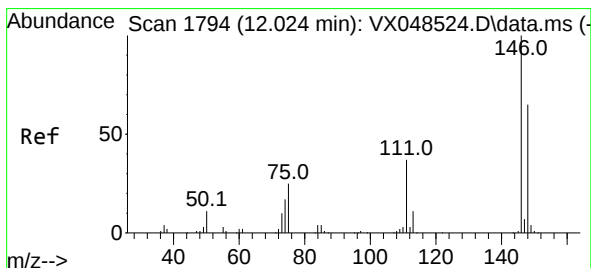
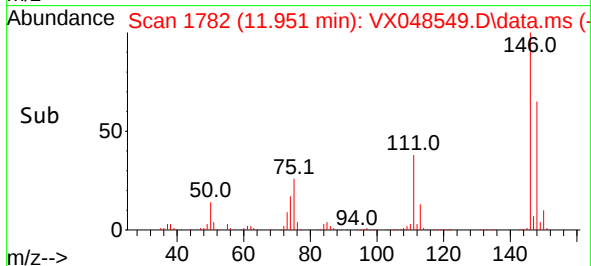
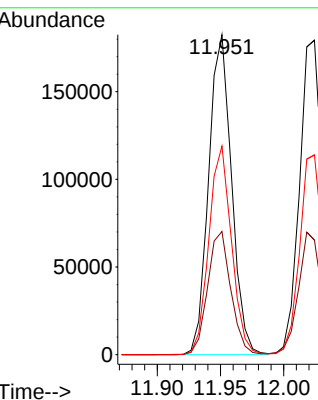
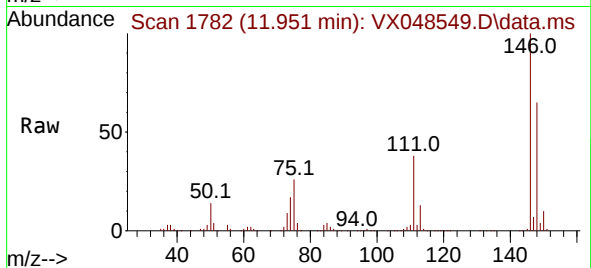
148 64.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#88

1,4-Dichlorobenzene

Concen: 49.220 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

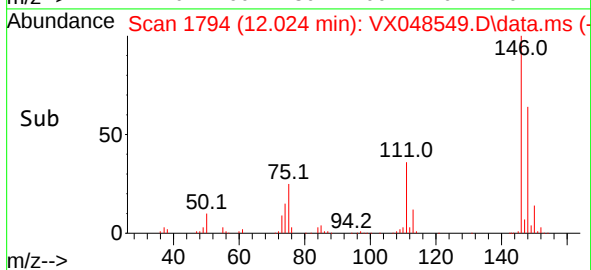
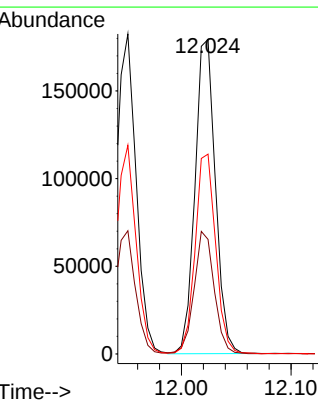
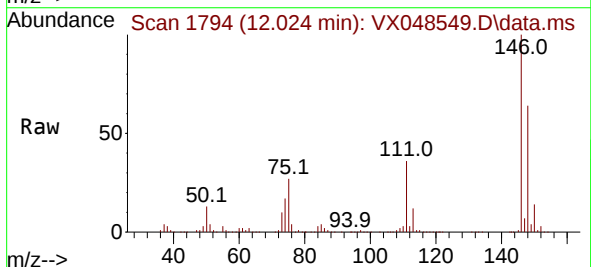
Tgt Ion:146 Resp: 231812

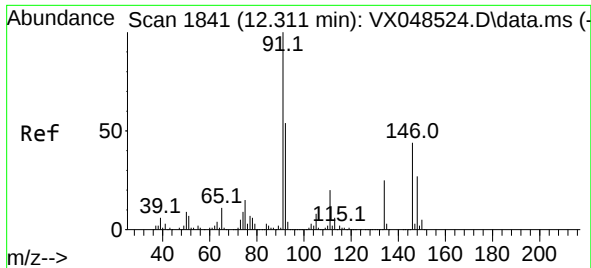
Ion Ratio Lower Upper

146 100

111 38.3 19.2 57.6

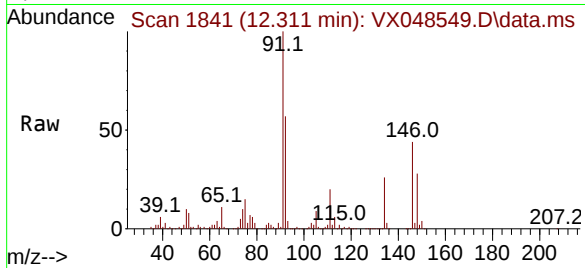
148 64.1 31.9 95.9





#89
n-Butylbenzene
Concen: 50.813 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

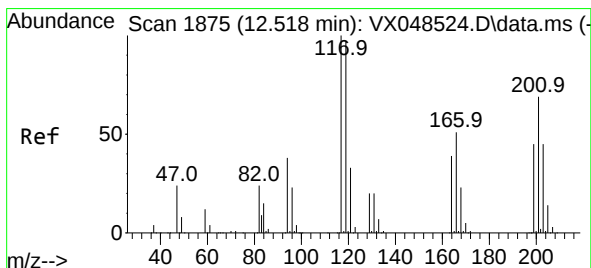
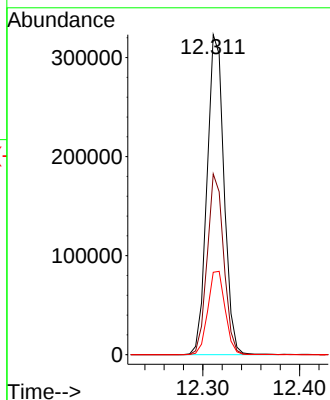
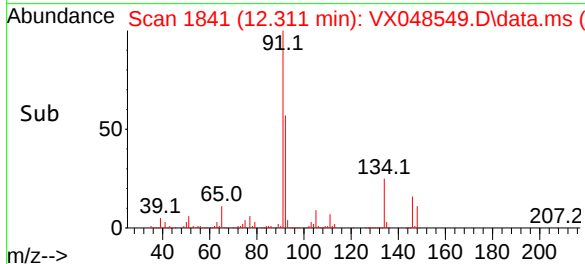
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 39346
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 26.8 13.0 39.0

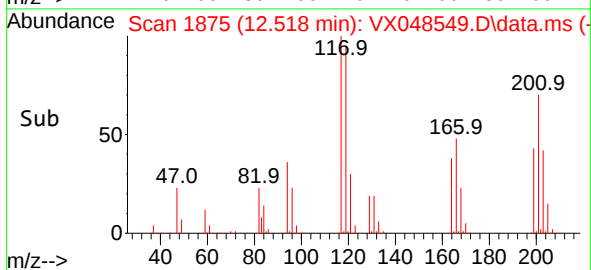
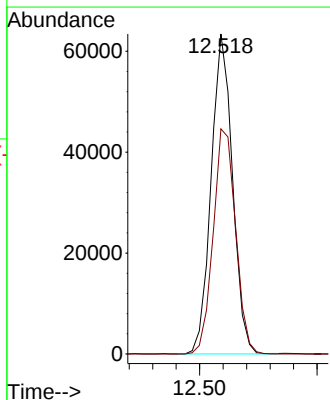
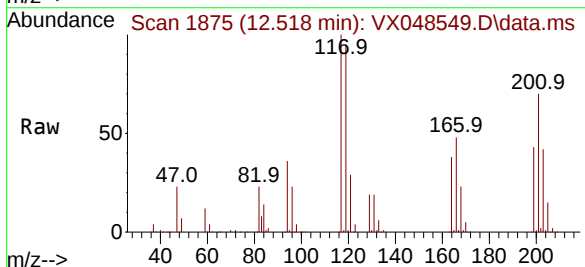
Manual Integrations
APPROVED

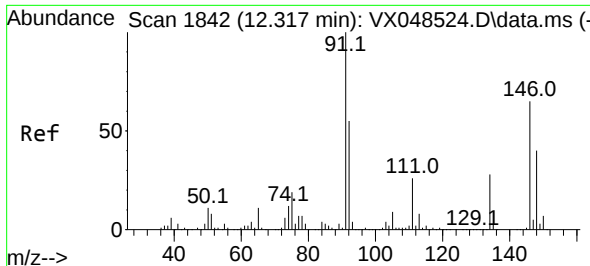
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
Hexachloroethane
Concen: 50.900 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

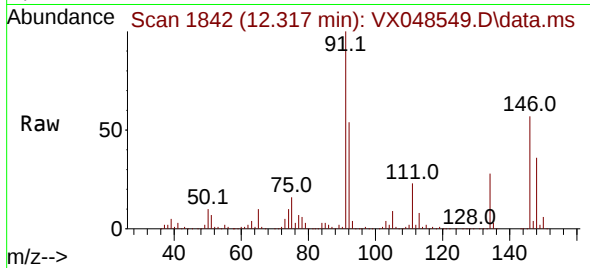
Tgt Ion:117 Resp: 80049
Ion Ratio Lower Upper
117 100
201 73.9 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 49.584 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

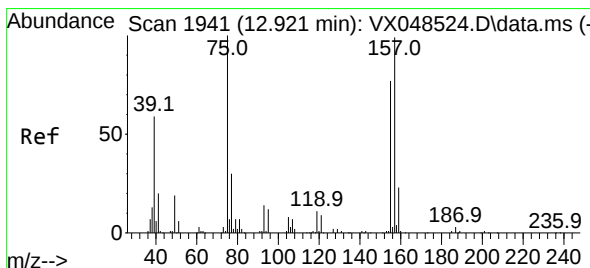
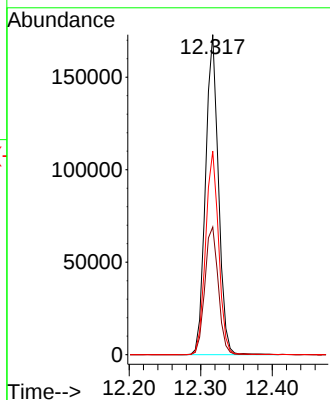
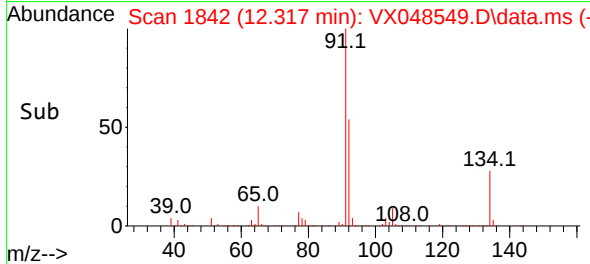
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



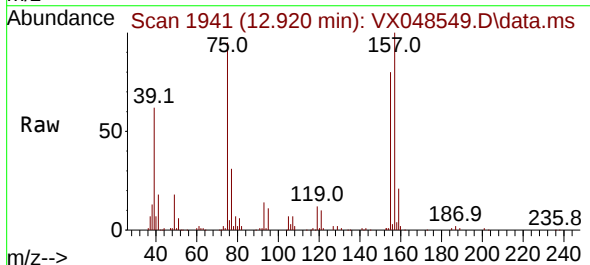
Tgt Ion:146 Resp: 217030
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 64.4 31.4 94.2

Manual Integrations
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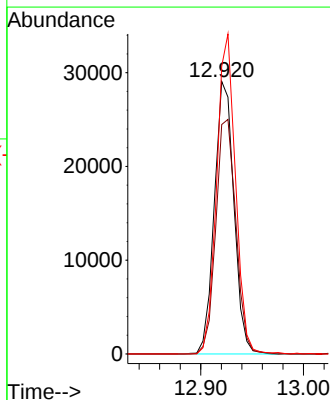
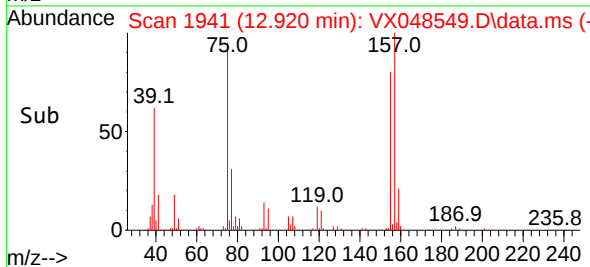
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

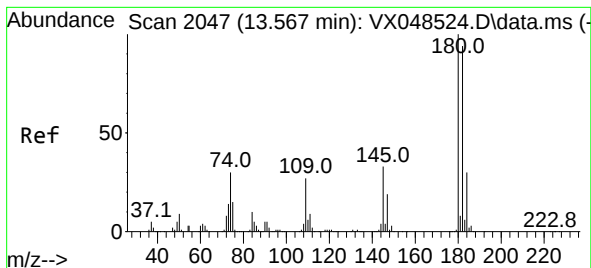


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.709 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11



Tgt Ion: 75 Resp: 38380
Ion Ratio Lower Upper
75 100
155 88.5 43.5 130.7
157 112.7 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 50.278 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 146240

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

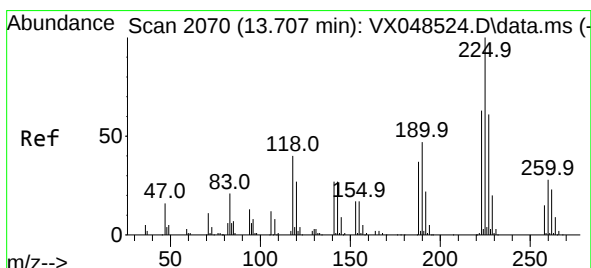
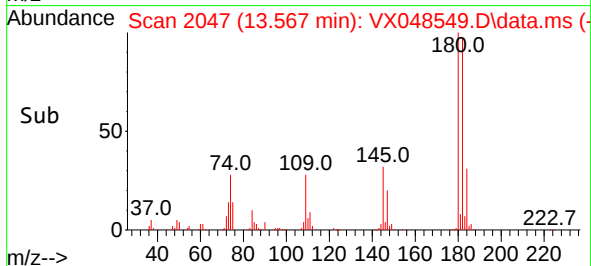
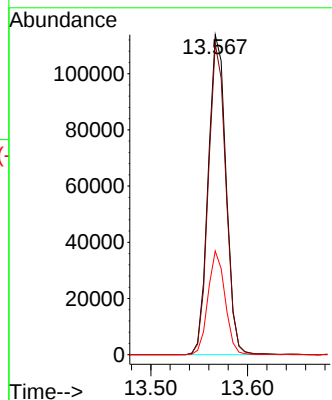
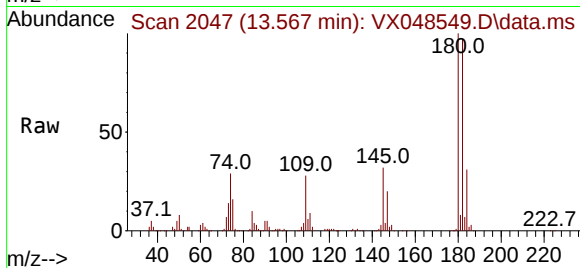
145 30.9 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#94

Hexachlorobutadiene

Concen: 50.150 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048549.D

Acq: 11 Nov 2025 09:11

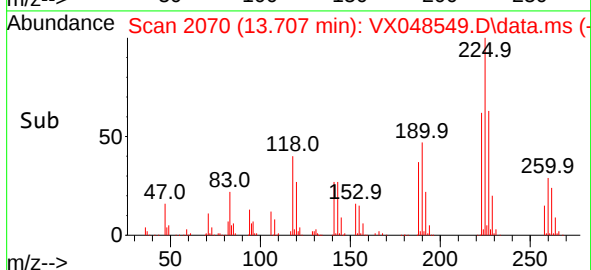
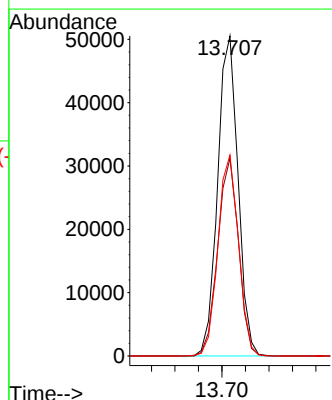
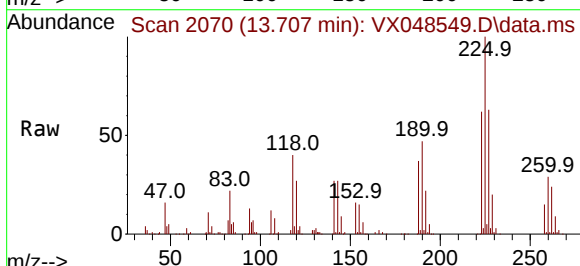
Tgt Ion:225 Resp: 60977

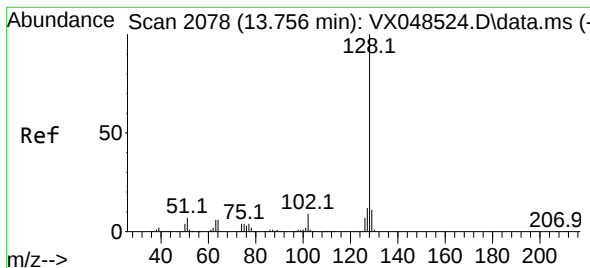
Ion Ratio Lower Upper

225 100

223 62.7 30.6 92.0

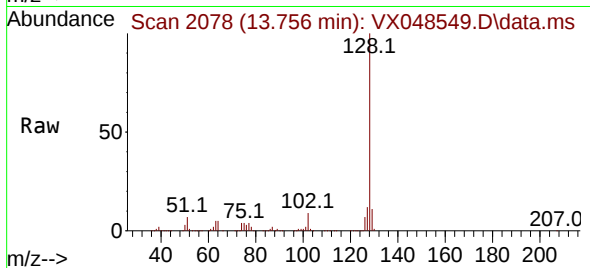
227 63.3 32.5 97.4





#95
Naphthalene
Concen: 52.406 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

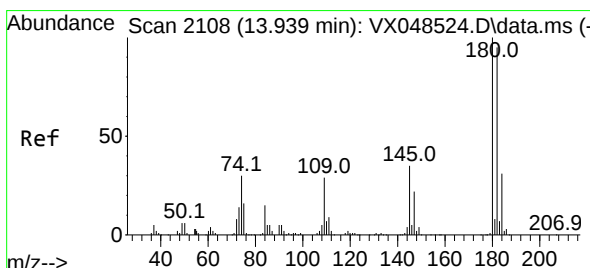
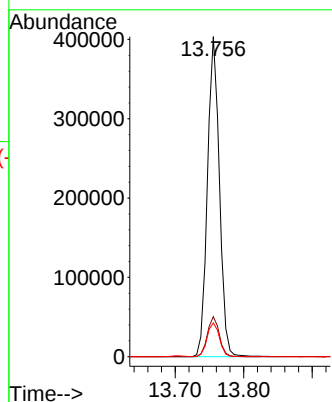
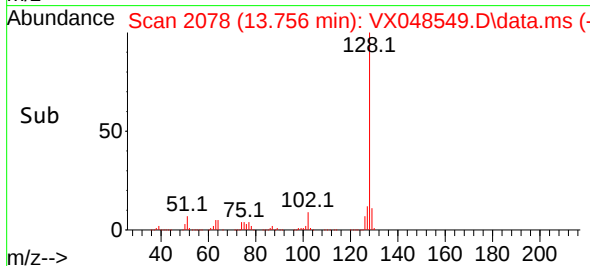
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 490084
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.366 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048549.D
Acq: 11 Nov 2025 09:11

Tgt Ion:180 Resp: 136264
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 32.8 16.7 50.0

