

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111425\
 Data File : VX048602.D
 Acq On : 14 Nov 2025 08:47
 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 11/17/2025
 Supervised By : Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 22:17:32 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	140447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	235074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	205635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	110996	56.717	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.440%			
35) Dibromofluoromethane	5.367	113	88326	49.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	8.629	98	290061	52.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.540%			
62) 4-Bromofluorobenzene	11.061	95	107093	51.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	67523	59.332	ug/l	95
3) Chloromethane	1.301	50	98724	65.405	ug/l	99
4) Vinyl Chloride	1.380	62	118834	69.534	ug/l	98
5) Bromomethane	1.612	94	83732	77.590	ug/l	95
6) Chloroethane	1.691	64	75961	67.869	ug/l	99
7) Trichlorofluoromethane	1.892	101	186453	68.961	ug/l	97
8) Diethyl Ether	2.130	74	73967	68.154	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	82380	52.630	ug/l	98
10) Methyl Iodide	2.453	142	121315	52.371	ug/l	95
11) Tert butyl alcohol	2.934	59	109227	294.546	ug/l	99
12) 1,1-Dichloroethene	2.319	96	86090	52.656	ug/l	95
13) Acrolein	2.233	56	18175	338.742	ug/l	92
14) Allyl chloride	2.660	41	166207	54.601	ug/l	93
15) Acrylonitrile	3.050	53	319065	294.736	ug/l	99
16) Acetone	2.368	43	254850	275.108	ug/l	94
17) Carbon Disulfide	2.514	76	219572	47.725	ug/l	100
18) Methyl Acetate	2.691	43	149208	58.610	ug/l	97
19) Methyl tert-butyl Ether	3.099	73	331400	57.400	ug/l	99
20) Methylene Chloride	2.782	84	99398	52.191	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	91233	52.649	ug/l	92
22) Diisopropyl ether	3.739	45	346038	59.201	ug/l	83
23) Vinyl Acetate	3.703	43	1527438	298.372	ug/l	96
24) 1,1-Dichloroethane	3.599	63	177480	55.337	ug/l	100
25) 2-Butanone	4.526	43	390043	284.621	ug/l	98
26) 2,2-Dichloropropane	4.459	77	151323	55.343	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	110323	52.086	ug/l	94
28) Bromochloromethane	4.873	49	83723	53.138	ug/l	91
29) Tetrahydrofuran	4.977	42	278396	284.836	ug/l	97
30) Chloroform	5.068	83	184646	55.766	ug/l	99
31) Cyclohexane	5.452	56	130767	49.761	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	158028	54.688	ug/l	98
36) 1,1-Dichloropropene	5.672	75	114419	48.027	ug/l	98
37) Ethyl Acetate	4.684	43	190080	56.680	ug/l	97
38) Carbon Tetrachloride	5.654	117	136193	50.219	ug/l	98
39) Methylcyclohexane	7.361	83	131904	49.309	ug/l	97
40) Benzene	6.019	78	361662	48.973	ug/l	98

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Quant Time: Nov 14 22:17:32 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)
41) Methacrylonitrile	4.891	41	84962	57.609	ug/l	95
42) 1,2-Dichloroethane	6.068	62	143174	56.584	ug/l	96
43) Isopropyl Acetate	6.312	43	255873	54.278	ug/l	97
44) Trichloroethene	7.104	130	90885	51.487	ug/l	90
45) 1,2-Dichloropropane	7.409	63	93393	55.001	ug/l	100
46) Dibromomethane	7.562	93	71980	58.120	ug/l	94
47) Bromodichloromethane	7.799	83	150074	60.741	ug/l	99
48) Methyl methacrylate	7.671	41	125194	59.742	ug/l	93
49) 1,4-Dioxane	7.635	88	38364	1201.445	ug/l #	95
51) 4-Methyl-2-Pentanone	8.549	43	839797	312.958	ug/l	97
52) Toluene	8.702	92	224920	57.849	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	149138	58.581	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	155887	59.135	ug/l	92
55) 1,1,2-Trichloroethane	9.128	97	95304	61.352	ug/l	96
56) Ethyl methacrylate	9.098	69	155926	60.332	ug/l #	93
57) 1,3-Dichloropropane	9.287	76	157835	58.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	443482	319.171	ug/l	98
59) 2-Hexanone	9.409	43	611442	306.321	ug/l	95
60) Dibromochloromethane	9.500	129	115327	60.468	ug/l	99
61) 1,2-Dibromoethane	9.592	107	98108	58.311	ug/l	99
64) Tetrachloroethene	9.257	164	73080	48.929	ug/l	97
65) Chlorobenzene	10.061	112	248491	50.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.140	131	91000	55.644	ug/l	99
67) Ethyl Benzene	10.177	91	427309	52.136	ug/l	98
68) m/p-Xylenes	10.281	106	322378	104.438	ug/l	96
69) o-Xylene	10.622	106	157475	52.142	ug/l	98
70) Styrene	10.634	104	272787	53.845	ug/l	98
71) Bromoform	10.781	173	80617	53.432	ug/l	99
73) Isopropylbenzene	10.945	105	399836	42.617	ug/l	98
74) N-amyl acetate	10.823	43	210274	44.636	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	145501	43.977	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	140584m	45.147	ug/l	
77) Bromobenzene	11.177	156	103206	42.600	ug/l	97
78) n-propylbenzene	11.287	91	470854	42.681	ug/l	99
79) 2-Chlorotoluene	11.348	91	282142	42.324	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	386760	50.567	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	49364	45.344	ug/l	90
82) 4-Chlorotoluene	11.433	91	392146	50.150	ug/l	100
83) tert-Butylbenzene	11.695	119	370345	46.815	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	379678	49.200	ug/l	98
85) sec-Butylbenzene	11.872	105	495769	50.706	ug/l	100
86) p-Isopropyltoluene	11.988	119	419556	51.041	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	234365	51.615	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	238362	50.822	ug/l	100
89) n-Butylbenzene	12.311	91	383409	49.721	ug/l	100
90) Hexachloroethane	12.518	117	79623	50.840	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	223653	51.309	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40052	52.091	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	140995	48.677	ug/l	99
94) Hexachlorobutadiene	13.701	225	55911	46.175	ug/l	97
95) Naphthalene	13.756	128	477051	51.225	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	134897	50.068	ug/l	99

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VSTDCCC050

Manual Integrations
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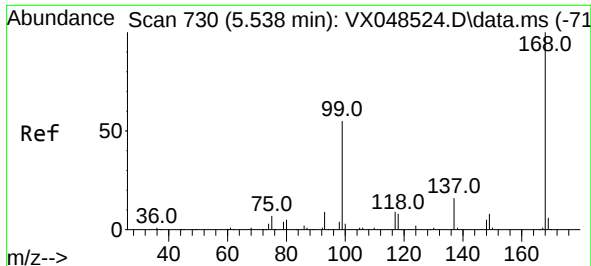
Quant Time: Nov 14 22:17:32 2025
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Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

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

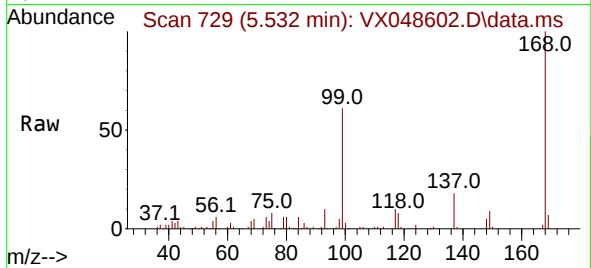
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048602.D
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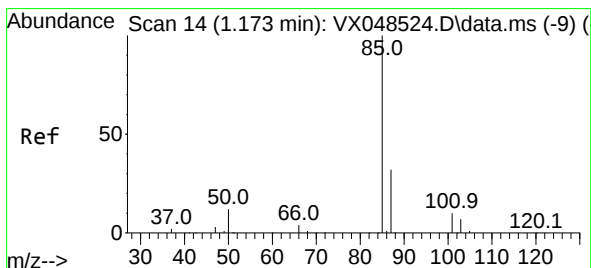
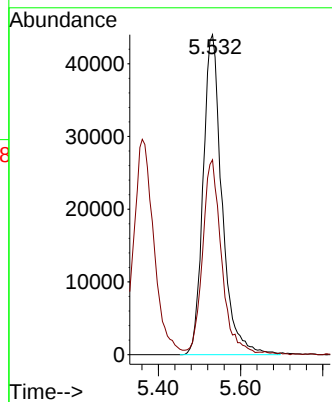
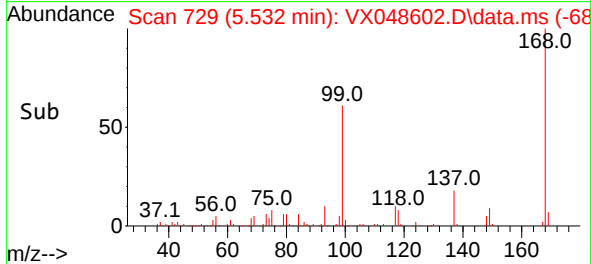
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14044
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8

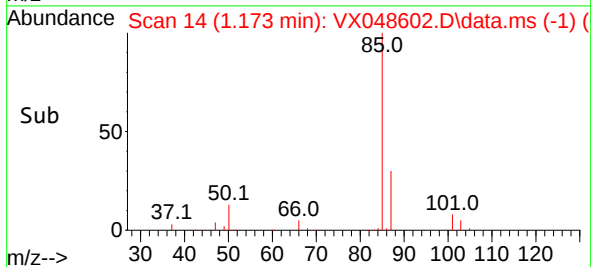
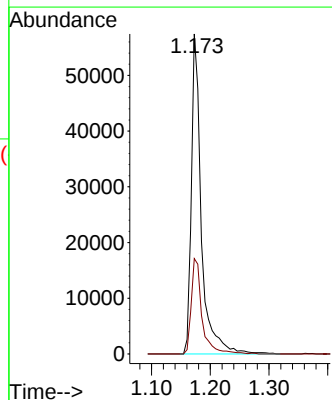
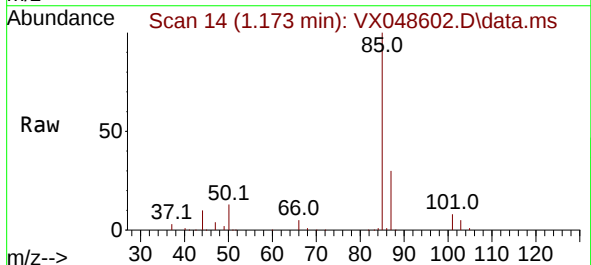
Manual Integrations
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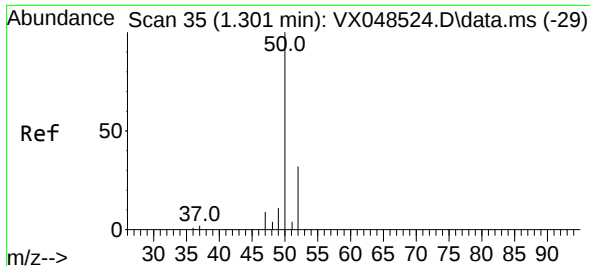
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#2
Dichlorodifluoromethane
Concen: 59.332 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

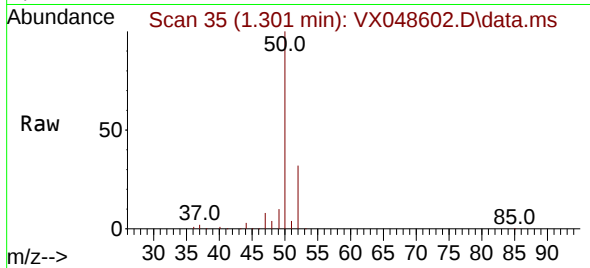
Tgt Ion: 85 Resp: 67523
Ion Ratio Lower Upper
85 100
87 29.8 16.2 48.6





#3
Chloromethane
Concen: 65.405 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

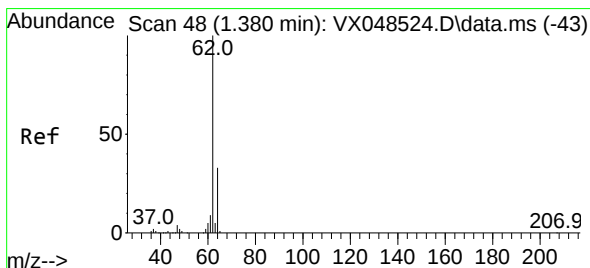
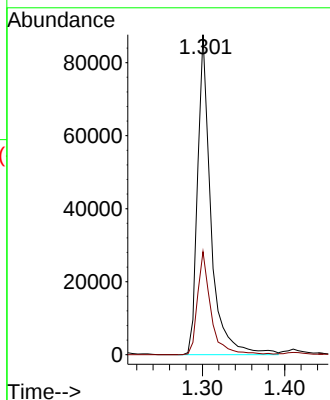
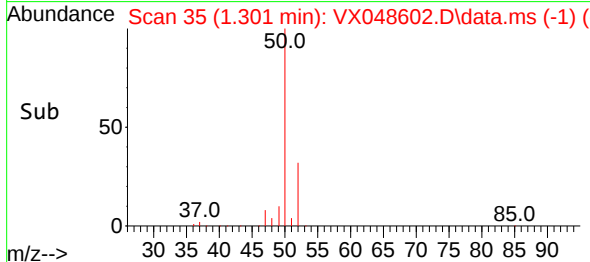
Instrument :
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VSTDCCC050



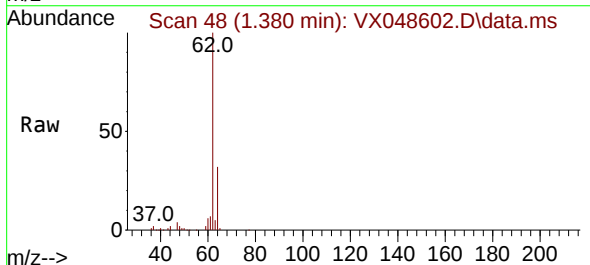
Tgt Ion: 50 Resp: 98724
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0

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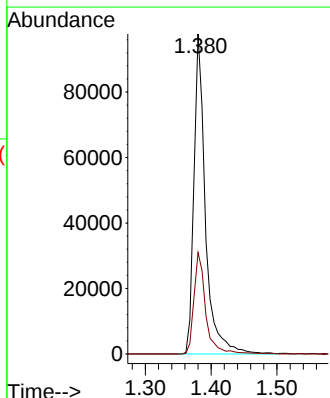
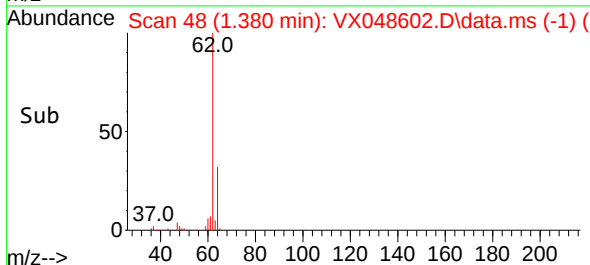
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#4
Vinyl Chloride
Concen: 69.534 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion: 62 Resp: 118834
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





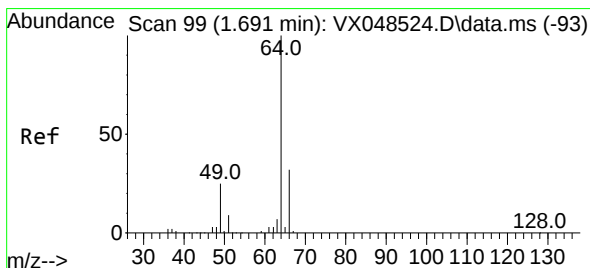
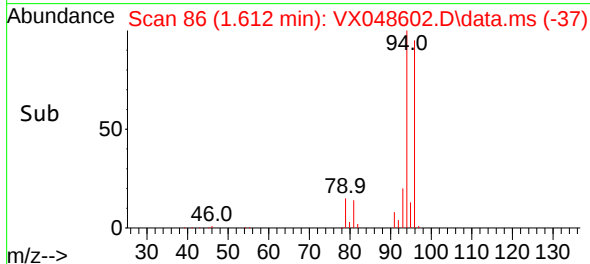
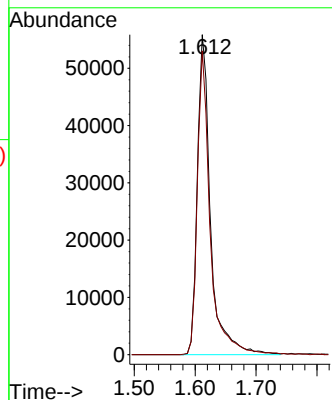
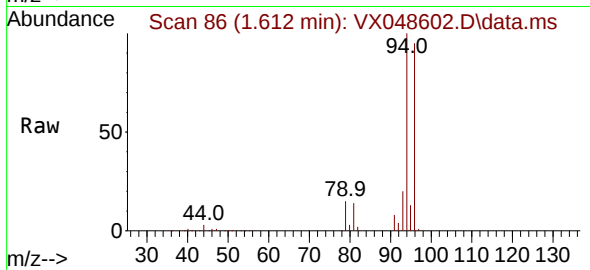
#5
Bromomethane
Concen: 77.590 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 83732
Ion Ratio Lower Upper
94 100
96 94.9 72.3 108.5

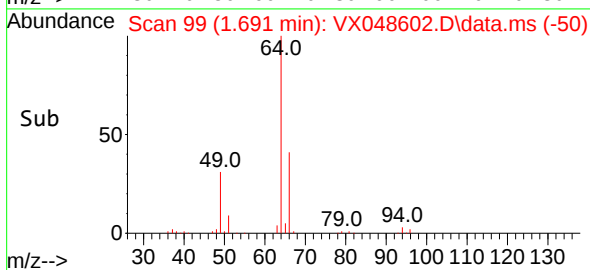
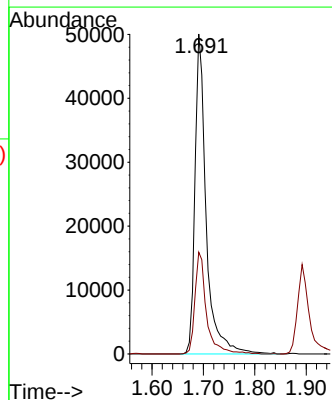
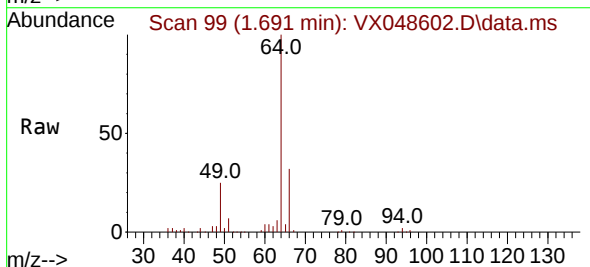
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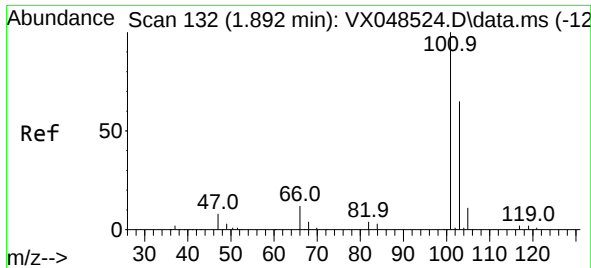
Reviewed By :John Carlone 11/17/2025
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#6
Chloroethane
Concen: 67.869 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

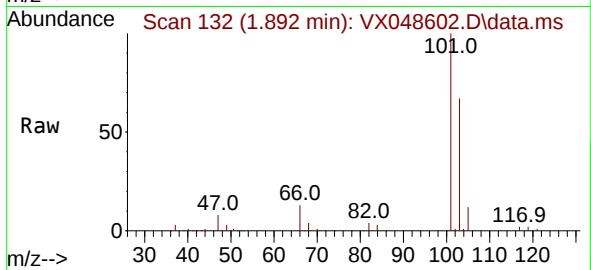
Tgt Ion: 64 Resp: 75961
Ion Ratio Lower Upper
64 100
66 31.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 68.961 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

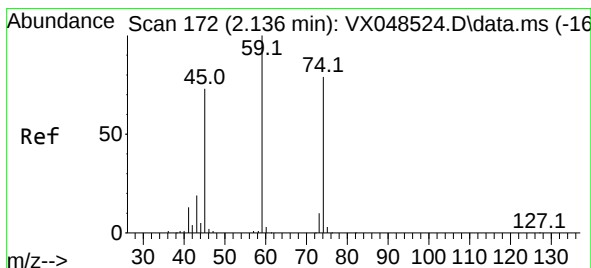
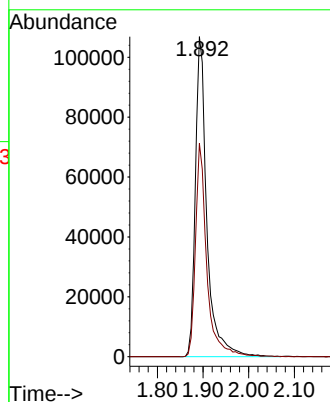
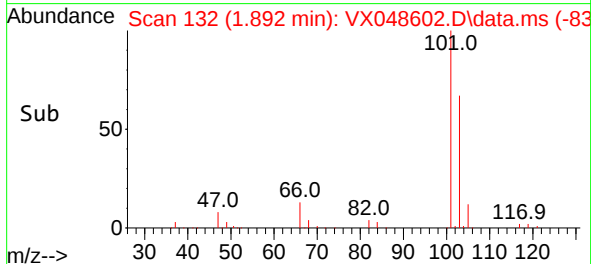
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 18645
Ion Ratio Lower Upper
101 100
103 66.6 51.7 77.5

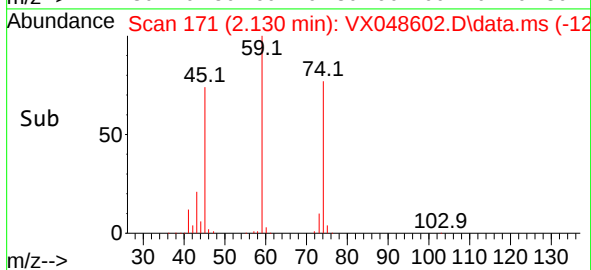
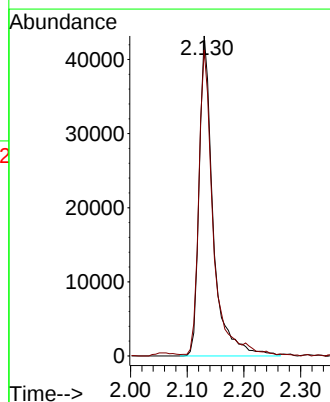
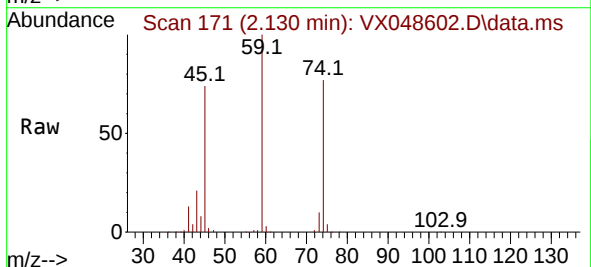
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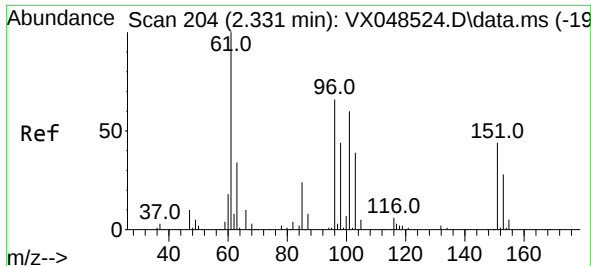
Reviewed By :John Carlone 11/17/2025
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#8
Diethyl Ether
Concen: 68.154 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion: 74 Resp: 73967
Ion Ratio Lower Upper
74 100
45 99.7 45.9 137.6





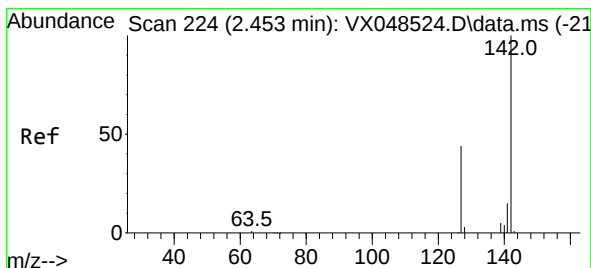
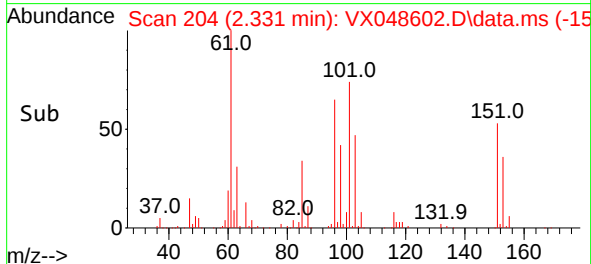
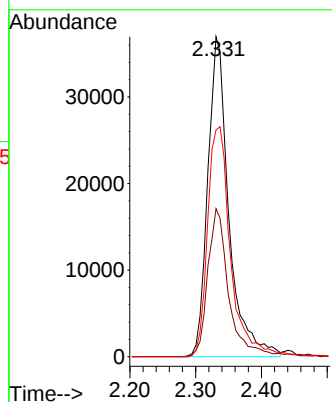
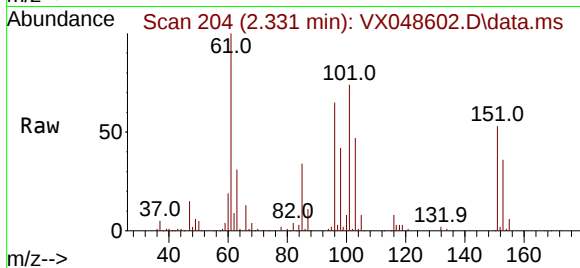
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1,1,2-Trichlorotrifluoroethane
Concen: 52.630 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 82380
Ion Ratio Lower Upper
101 100
85 46.3 34.3 51.5
151 78.9 63.1 94.7

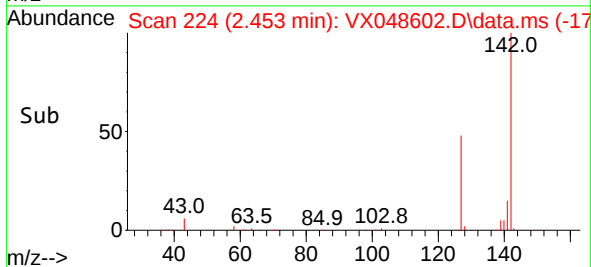
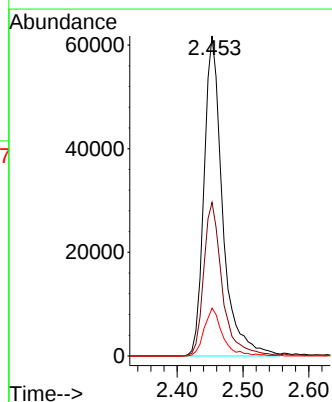
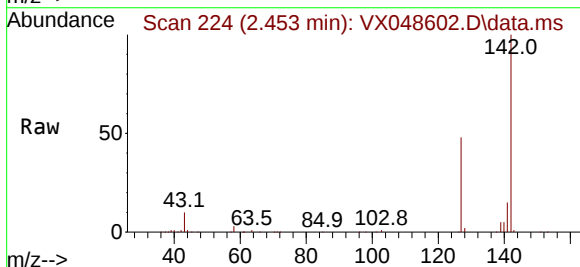
Manual Integrations
APPROVED

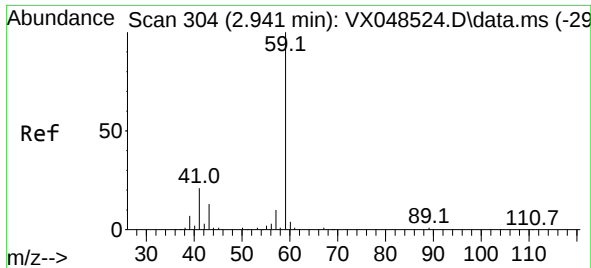
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#10
Methyl Iodide
Concen: 52.371 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

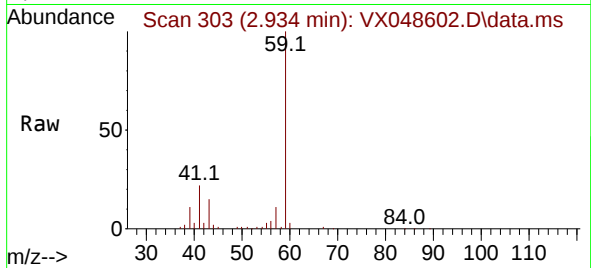
Tgt Ion:142 Resp: 121315
Ion Ratio Lower Upper
142 100
127 48.4 35.8 53.6
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 294.546 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

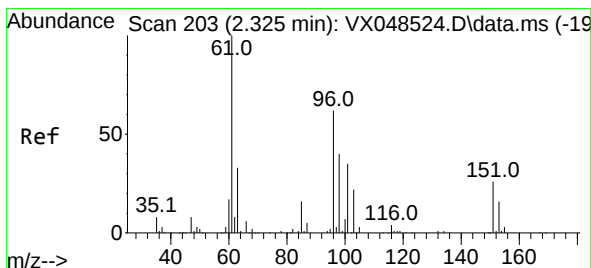
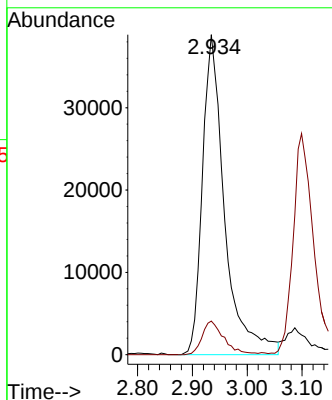
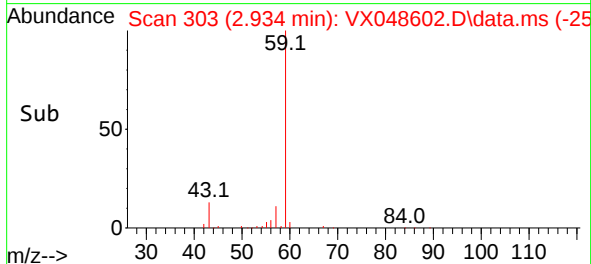
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



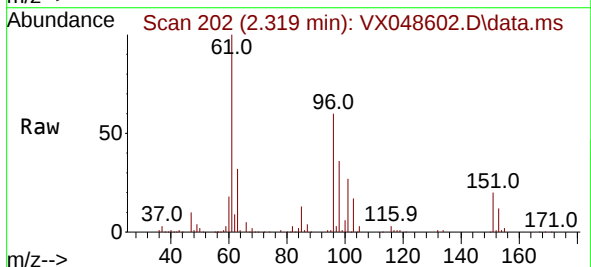
Tgt Ion: 59 Resp: 10922
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0

Manual Integrations
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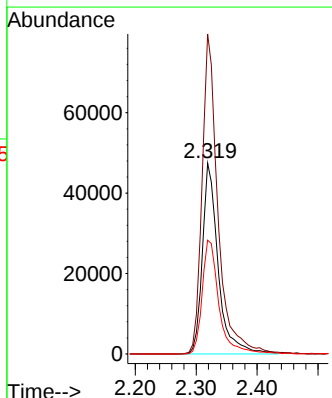
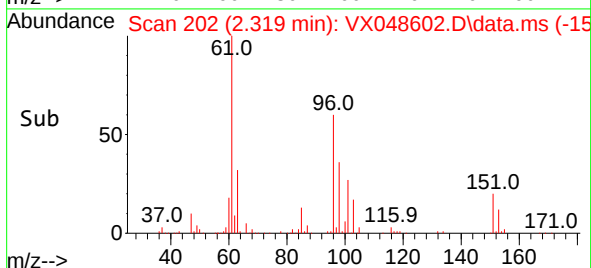
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

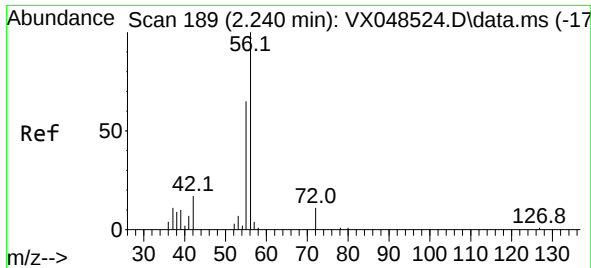


#12
1,1-Dichloroethene
Concen: 52.656 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



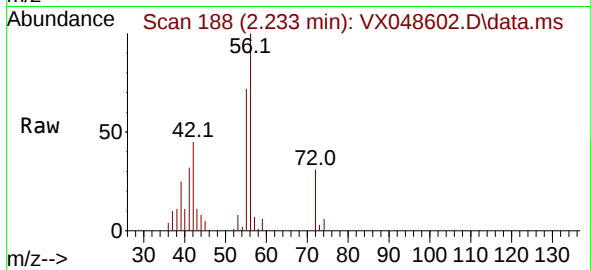
Tgt Ion: 96 Resp: 86090
Ion Ratio Lower Upper
96 100
61 167.7 129.8 194.6
98 59.6 52.3 78.5





#13
Acrolein
Concen: 338.742 ug/l
RT: 2.233 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

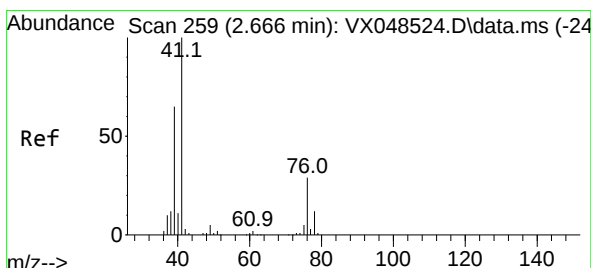
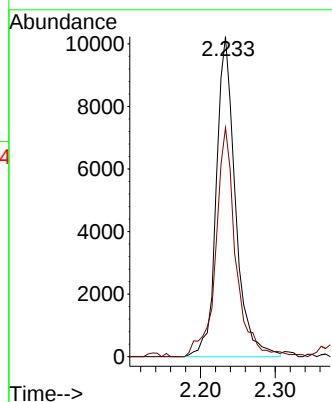
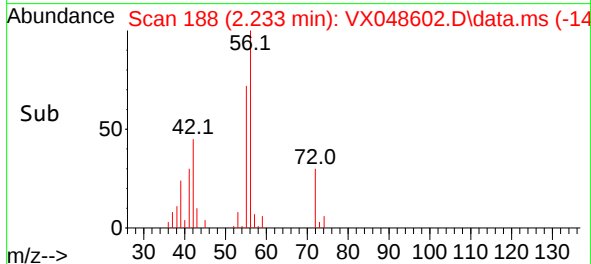
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 1817
Ion Ratio Lower Upper
56 100
55 75.1 54.9 82.3

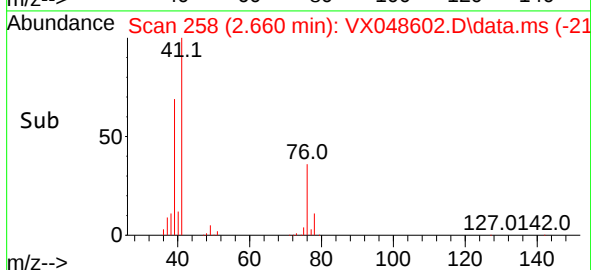
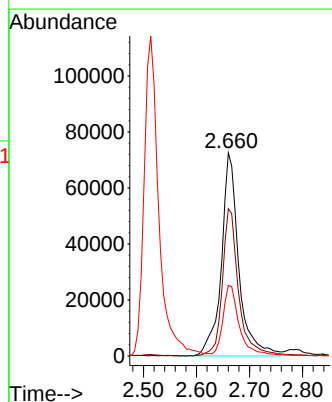
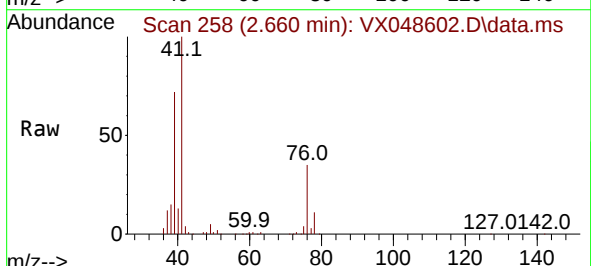
Manual Integrations
APPROVED

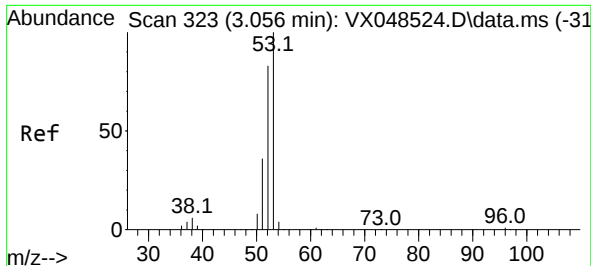
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#14
Allyl chloride
Concen: 54.601 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

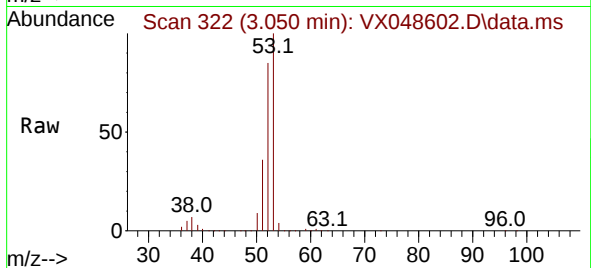
Tgt Ion: 41 Resp: 166207
Ion Ratio Lower Upper
41 100
39 67.9 48.6 73.0
76 32.3 27.7 41.5





#15
Acrylonitrile
Concen: 294.736 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

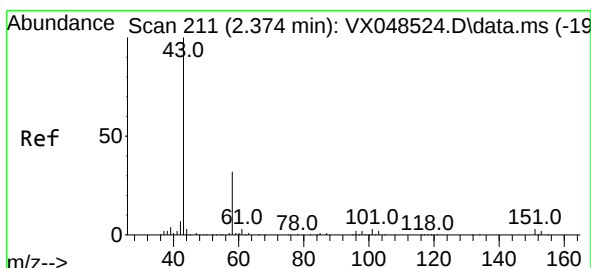
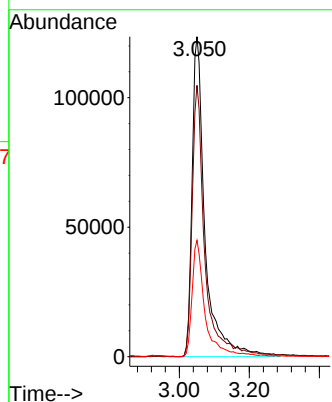
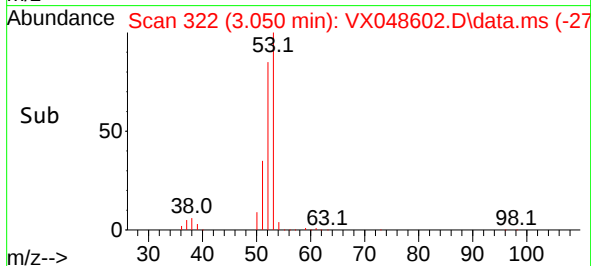
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 31906
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 35.8 27.8 41.6

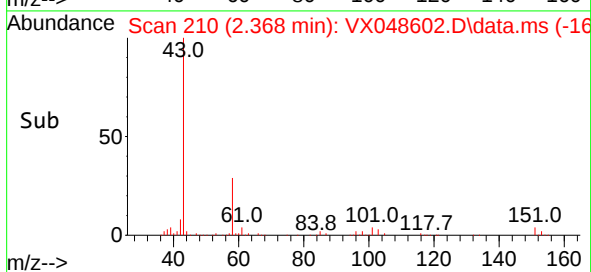
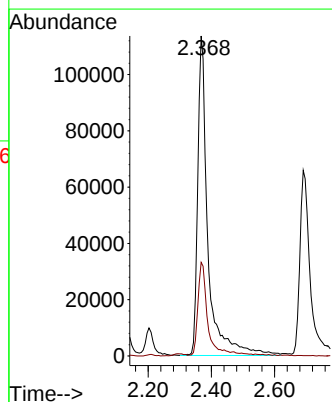
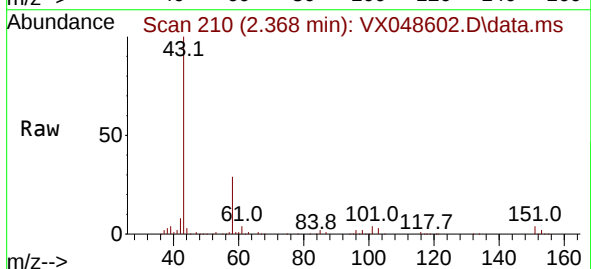
Manual Integrations
APPROVED

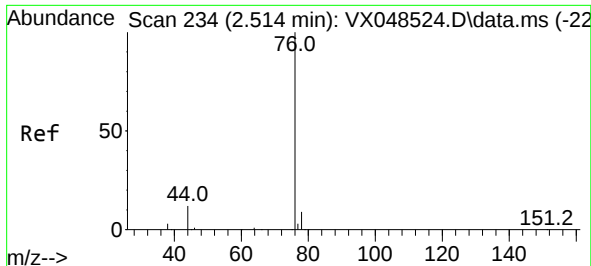
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#16
Acetone
Concen: 275.108 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

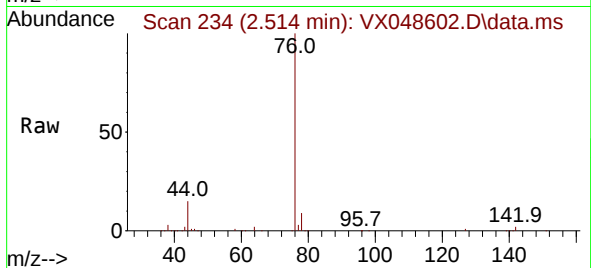
Tgt Ion: 43 Resp: 254850
Ion Ratio Lower Upper
43 100
58 29.0 25.8 38.6





#17
Carbon Disulfide
Concen: 47.725 ug/l
RT: 2.514 min Scan# 219572
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

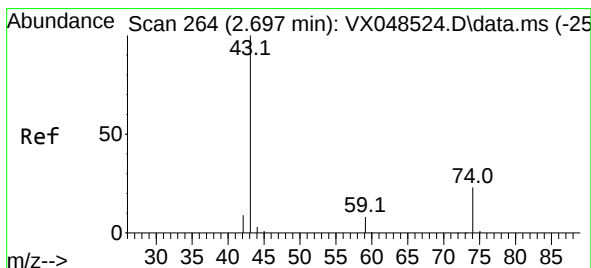
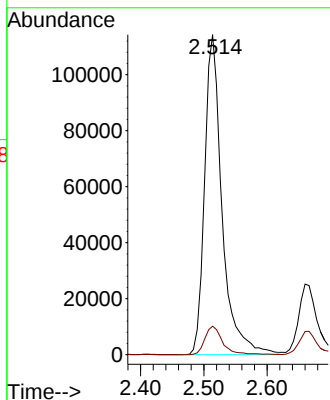
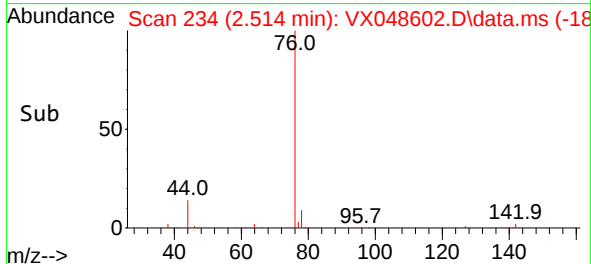
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



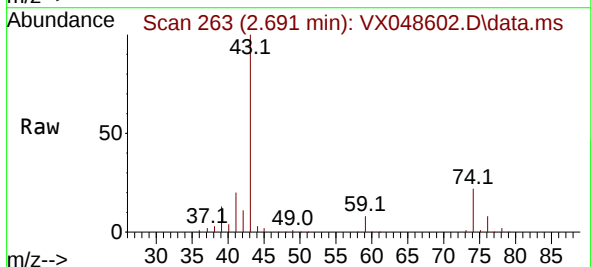
Tgt Ion: 76 Resp: 219572
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

Manual Integrations
APPROVED

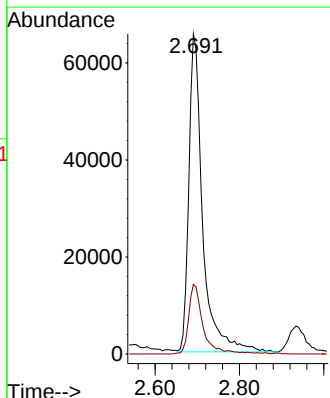
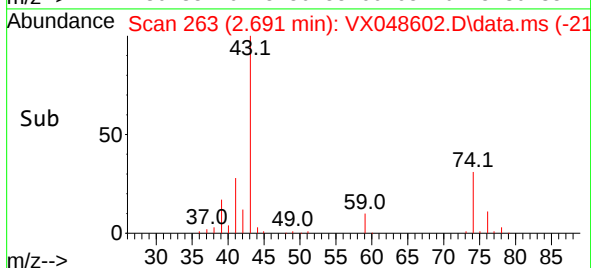
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#18
Methyl Acetate
Concen: 58.610 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion: 43 Resp: 149208
Ion Ratio Lower Upper
43 100
74 22.2 19.1 28.7





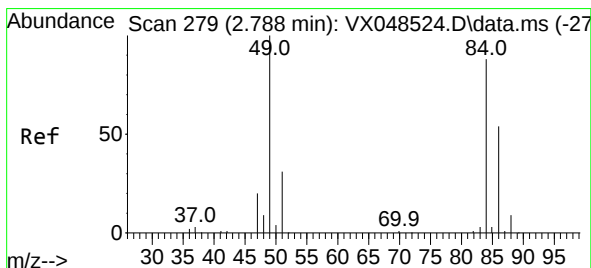
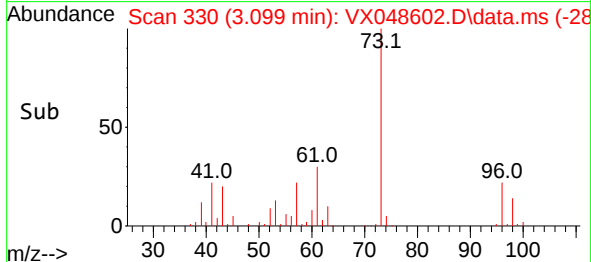
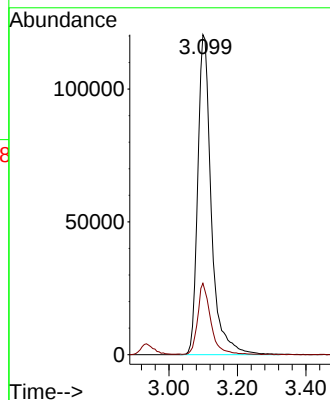
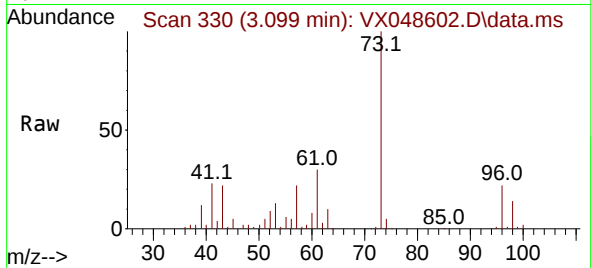
#19
Methyl tert-butyl Ether
Concen: 57.400 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 331400
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

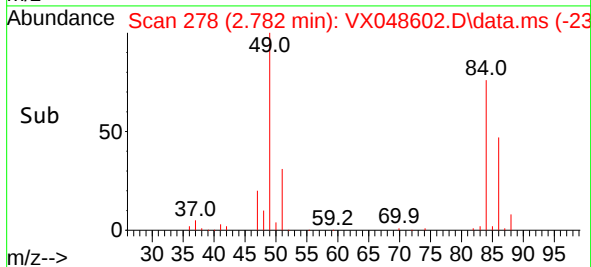
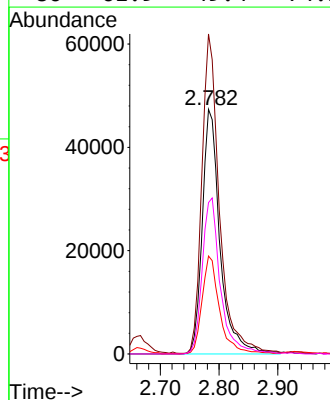
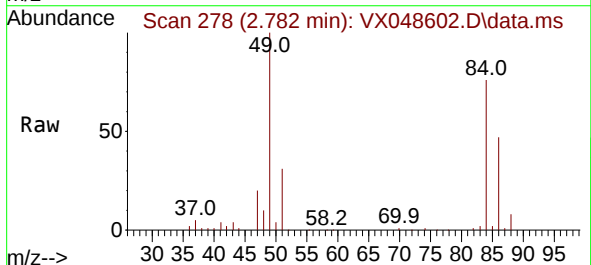
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#20
Methylene Chloride
Concen: 52.191 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

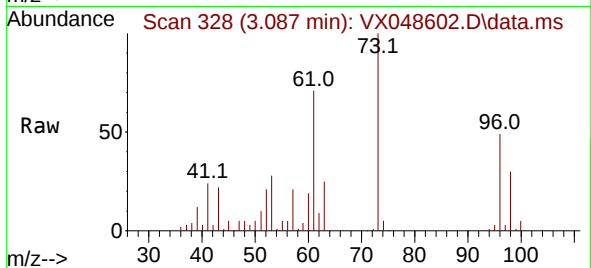
Tgt Ion: 84 Resp: 99398
Ion Ratio Lower Upper
84 100
49 130.6 91.2 136.8
51 40.0 28.3 42.5
86 61.9 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 52.649 ug/l
RT: 3.087 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

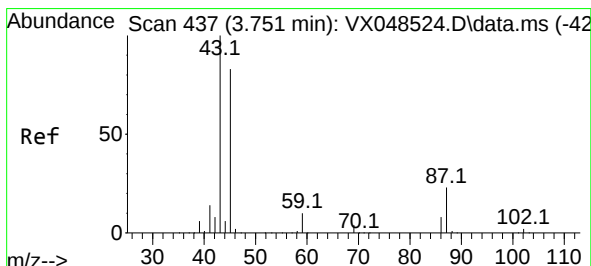
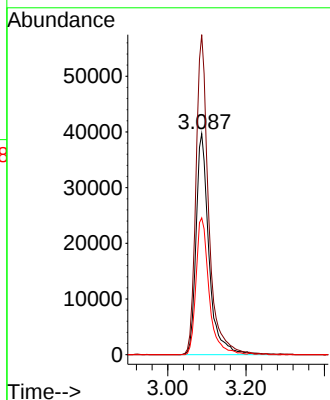
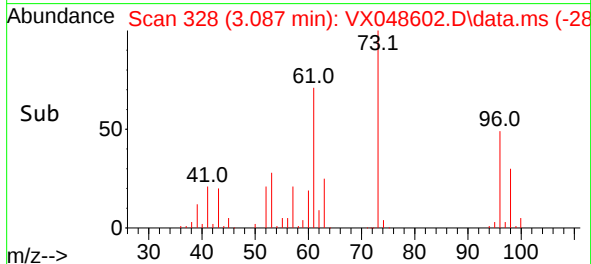
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



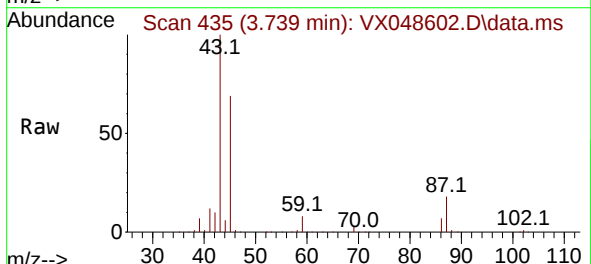
Tgt Ion: 96 Resp: 91233
Ion Ratio Lower Upper
96 100
61 144.8 106.7 160.1
98 61.9 52.7 79.1

Manual Integrations
APPROVED

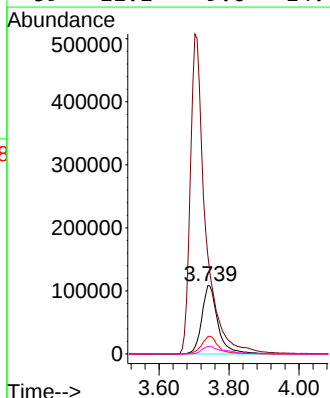
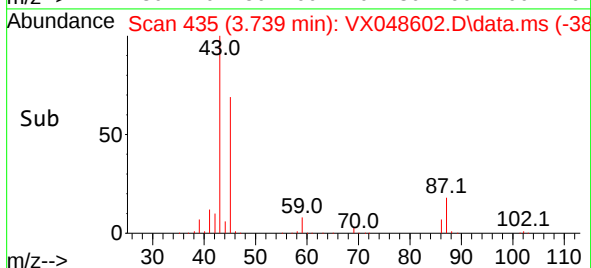
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

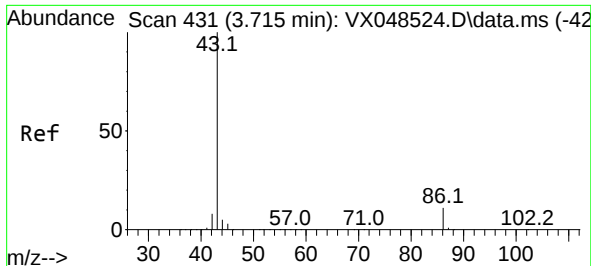


#22
Diisopropyl ether
Concen: 59.201 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



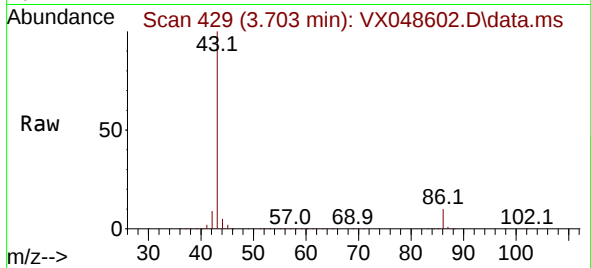
Tgt Ion: 45 Resp: 346038
Ion Ratio Lower Upper
45 100
43 144.5 96.4 144.6
87 25.3 21.8 32.6
59 11.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 298.372 ug/l
 RT: 3.703 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX048602.D
 Acq: 14 Nov 2025 08:47

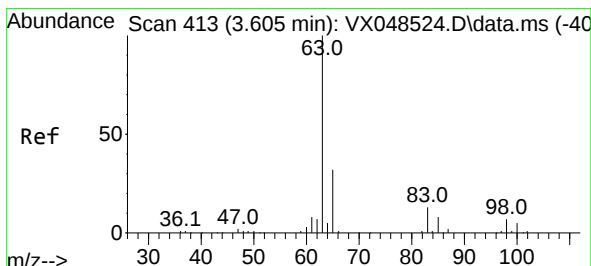
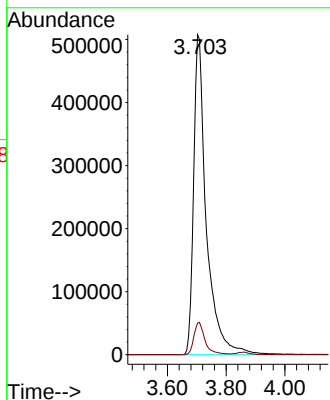
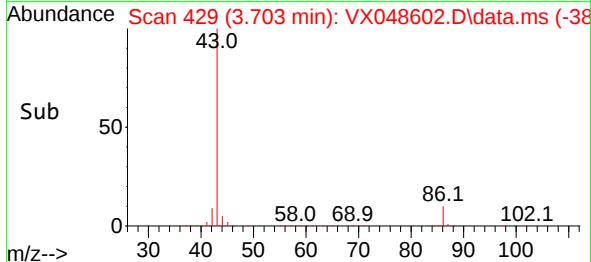
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



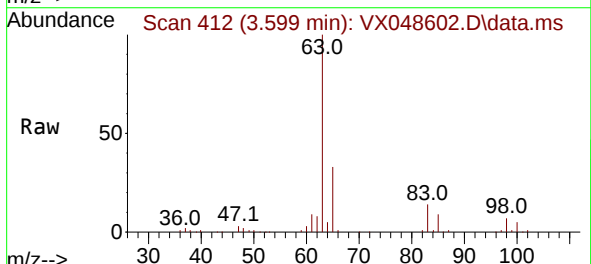
Tgt Ion: 43 Resp: 1527438
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.0 13.6

Manual Integrations
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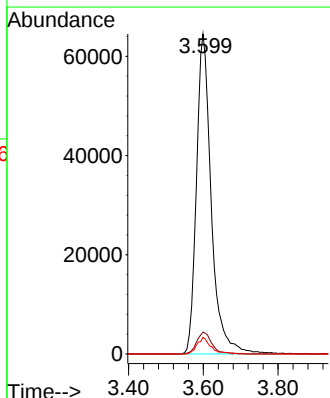
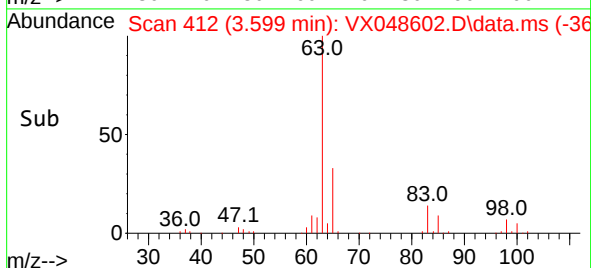
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025

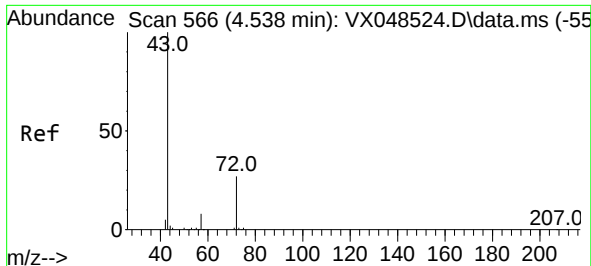


#24
 1,1-Dichloroethane
 Concen: 55.337 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048602.D
 Acq: 14 Nov 2025 08:47



Tgt Ion: 63 Resp: 177480
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 5.2 2.5 7.4





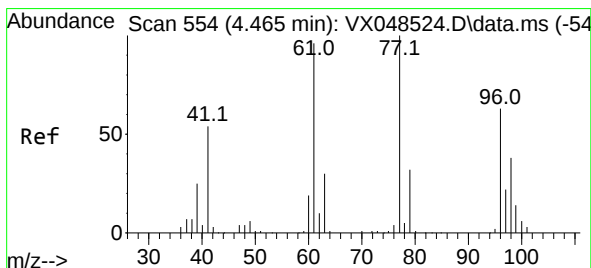
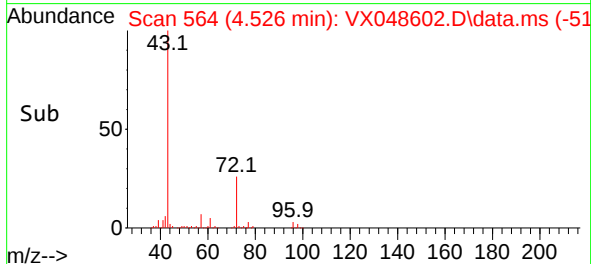
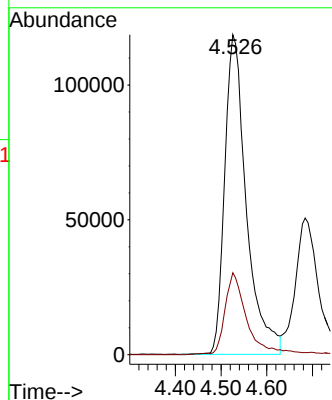
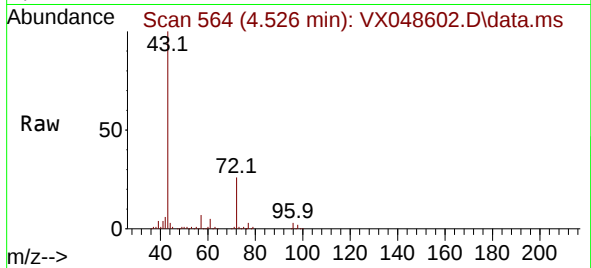
#25
2-Butanone
Concen: 284.621 ug/l
RT: 4.526 min Scan# 504
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 39004
Ion Ratio Lower Upper
43 100
72 25.6 21.5 32.3

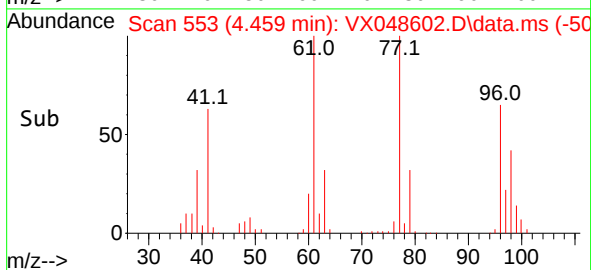
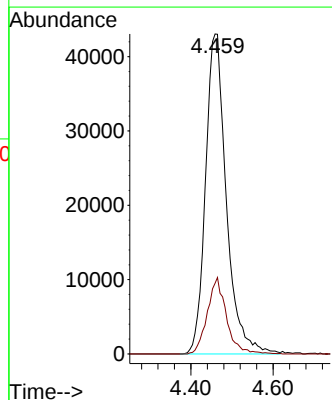
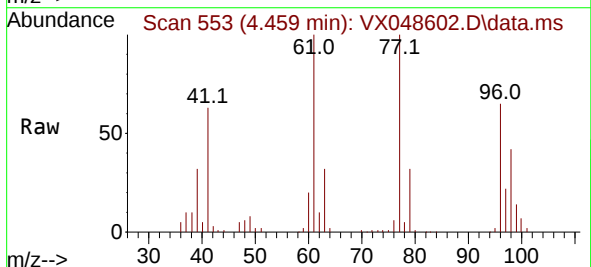
Manual Integrations
APPROVED

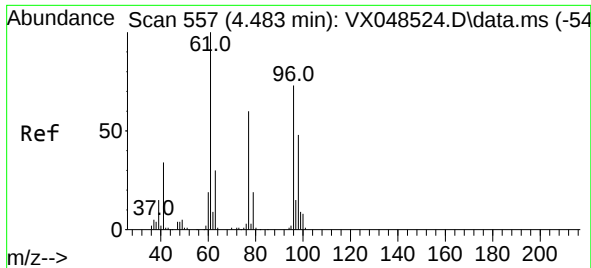
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#26
2,2-Dichloropropane
Concen: 55.343 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

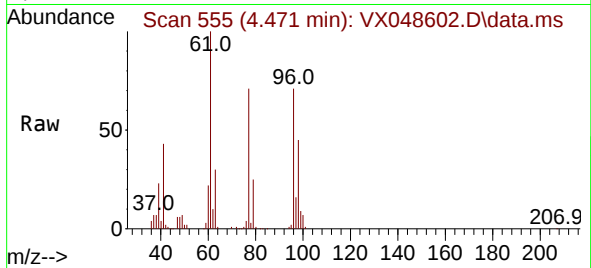
Tgt Ion: 77 Resp: 151323
Ion Ratio Lower Upper
77 100
97 22.0 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.086 ug/l
 RT: 4.471 min Scan# 511
 Delta R.T. -0.012 min
 Lab File: VX048602.D
 Acq: 14 Nov 2025 08:47

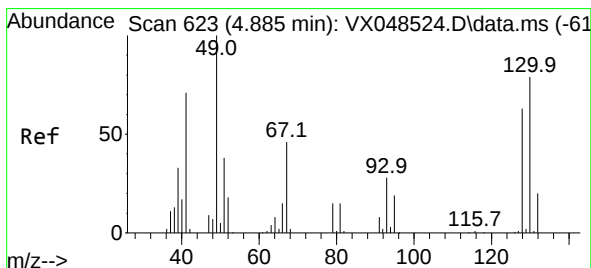
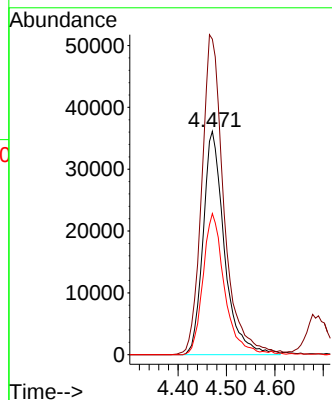
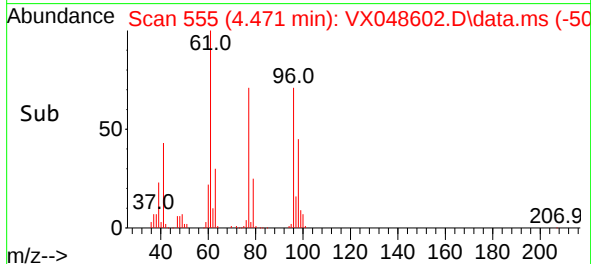
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 11032
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 279.6
 98 64.4 0.0 128.2

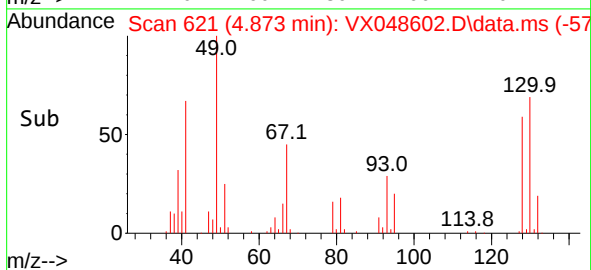
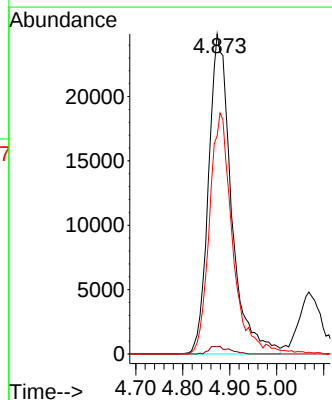
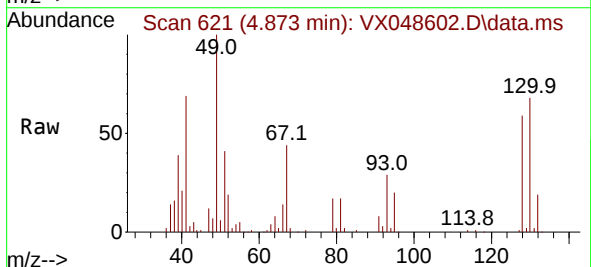
Manual Integrations
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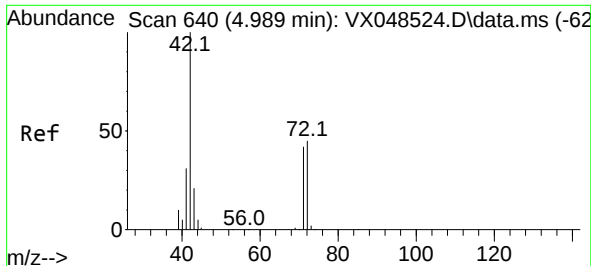
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#28
 Bromochloromethane
 Concen: 53.138 ug/l
 RT: 4.873 min Scan# 621
 Delta R.T. -0.012 min
 Lab File: VX048602.D
 Acq: 14 Nov 2025 08:47

Tgt Ion: 49 Resp: 83723
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.2 65.9 98.9





#29

Tetrahydrofuran

Concen: 284.836 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 278390

Ion Ratio Lower Upper

42 100

72 43.1 36.3 54.5

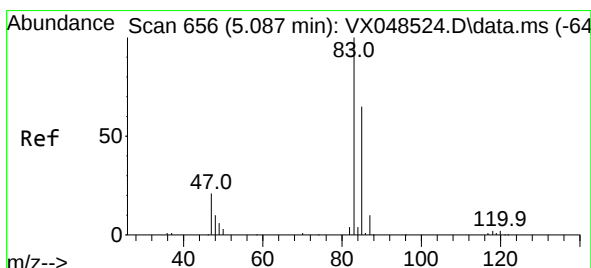
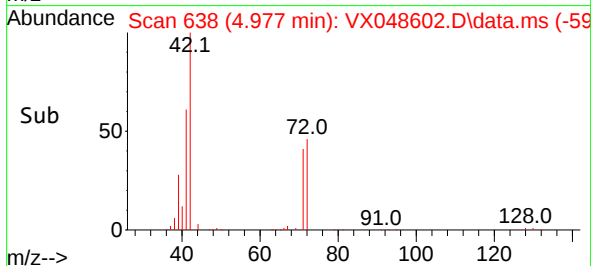
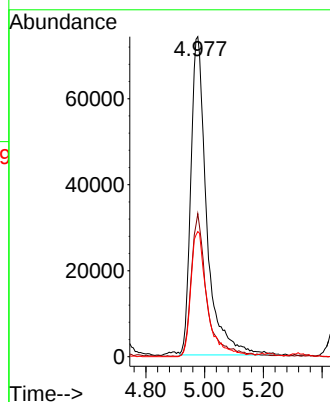
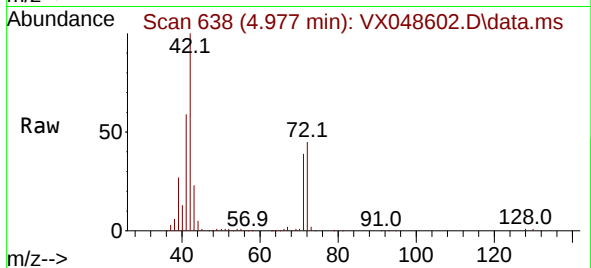
71 40.5 34.1 51.1

Manual Integrations

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Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#30

Chloroform

Concen: 55.766 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.018 min

Lab File: VX048602.D

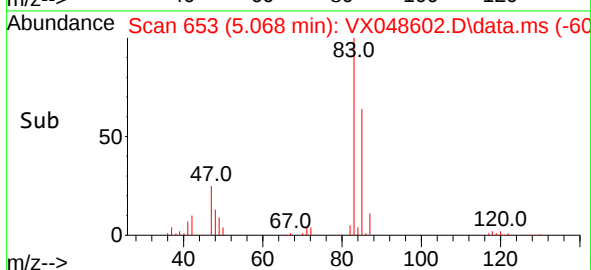
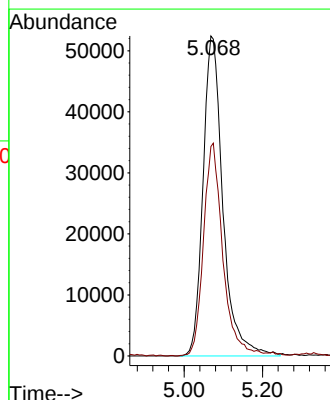
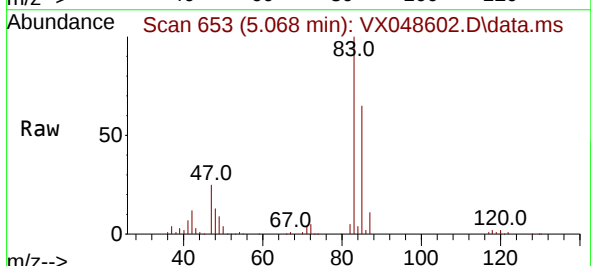
Acq: 14 Nov 2025 08:47

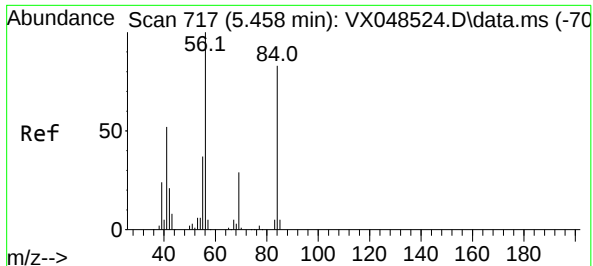
Tgt Ion: 83 Resp: 184646

Ion Ratio Lower Upper

83 100

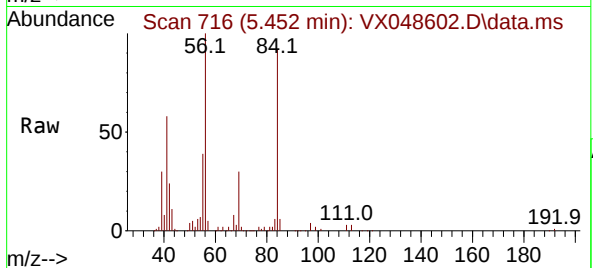
85 65.3 51.8 77.6





#31
Cyclohexane
Concen: 49.761 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

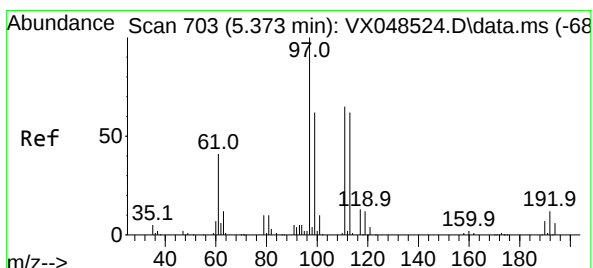
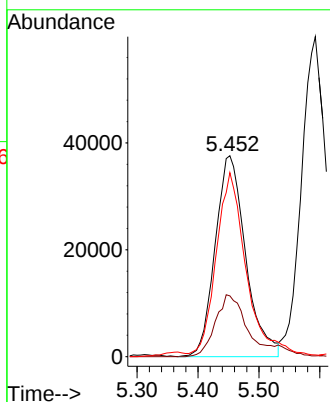
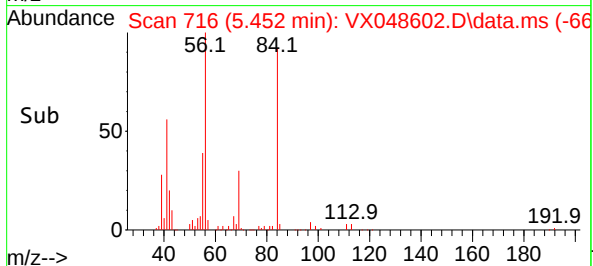
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 13076
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 89.3 66.3 99.5

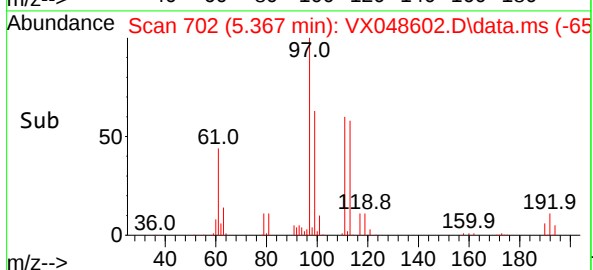
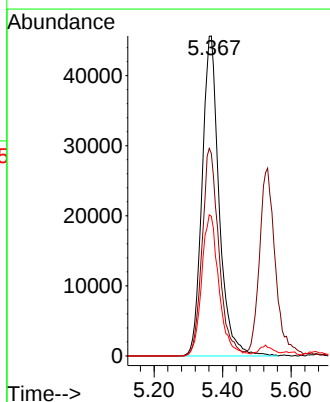
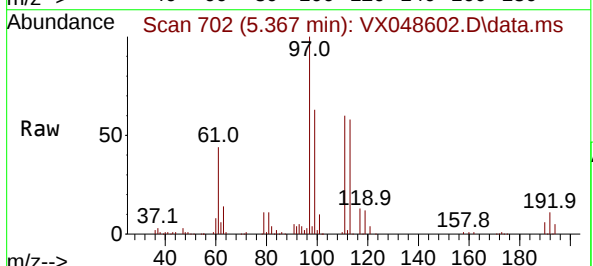
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#32
1,1,1-Trichloroethane
Concen: 54.688 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion: 97 Resp: 158028
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 44.9 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 56.717 ug/l

RT: 5.934 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 110990

Ion Ratio Lower Upper

65 100

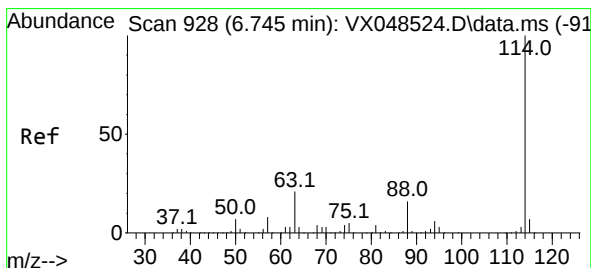
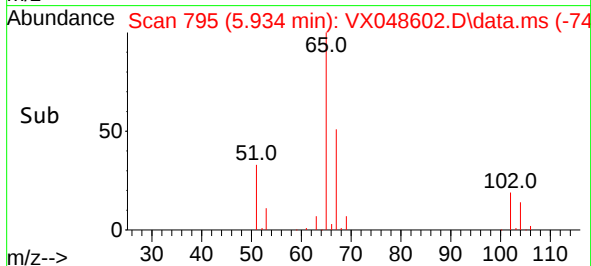
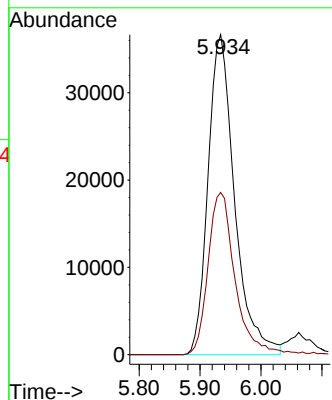
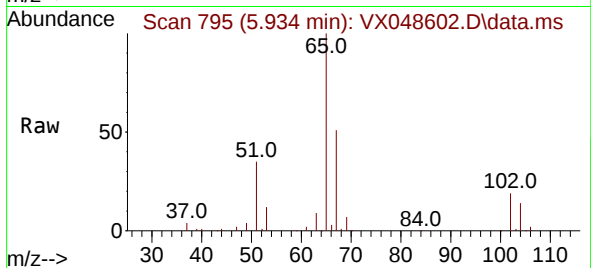
67 51.6 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

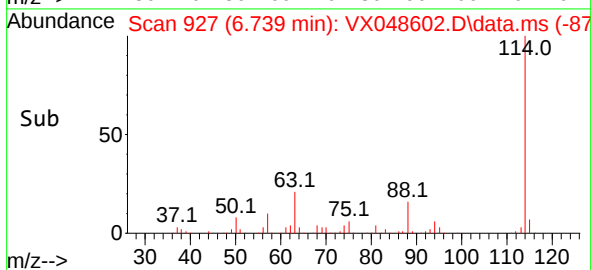
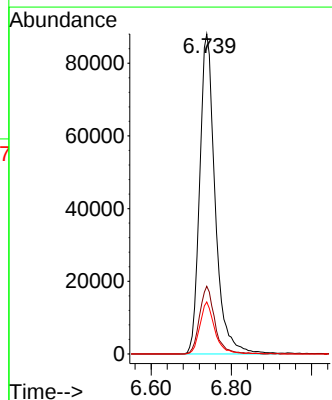
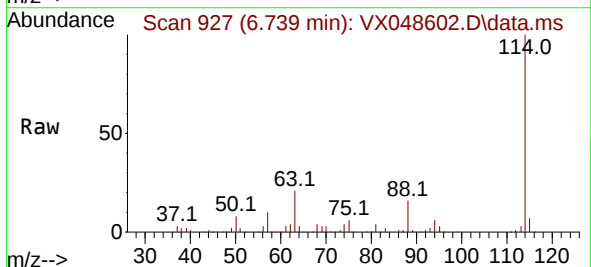
Tgt Ion:114 Resp: 235074

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.644 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

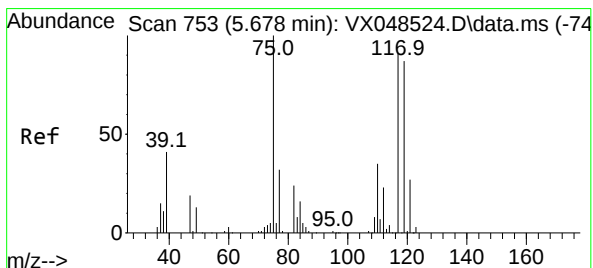
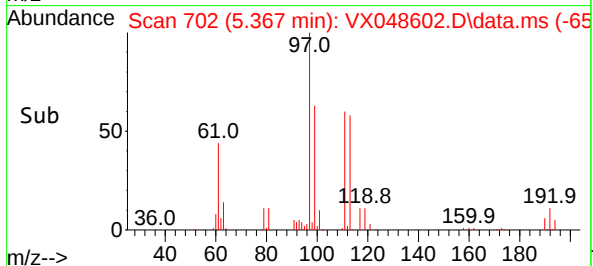
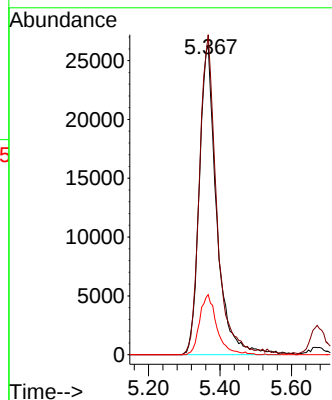
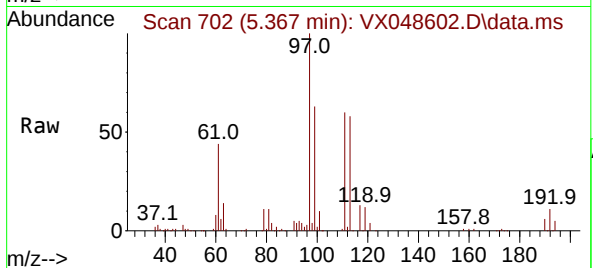
Tgt Ion:	113	Resp:	88320
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.3	15.8	23.6

Manual Integrations

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Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#36

1,1-Dichloropropene

Concen: 48.027 ug/l

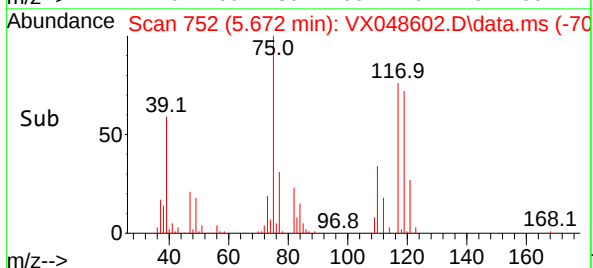
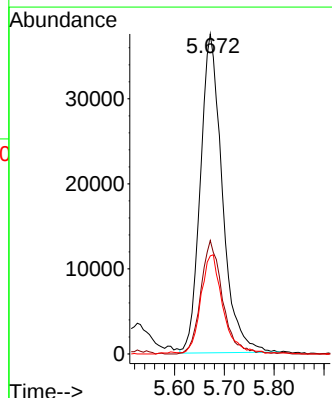
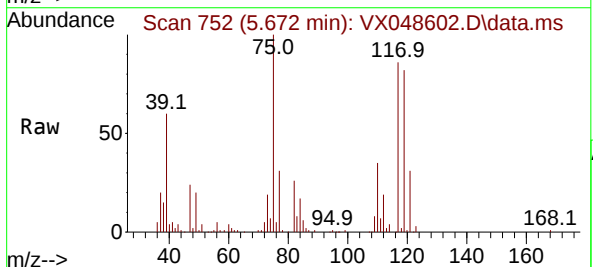
RT: 5.672 min Scan# 752

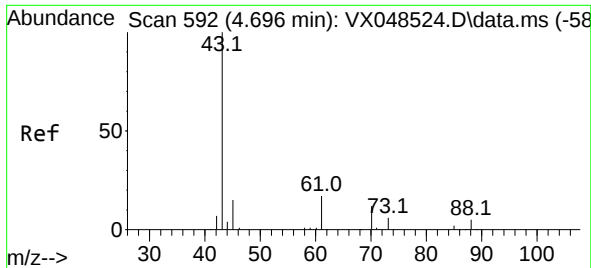
Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Tgt Ion:	75	Resp:	114419
Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.4	55.4
77	30.7	24.6	37.0





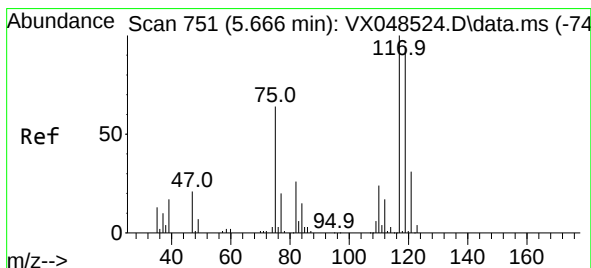
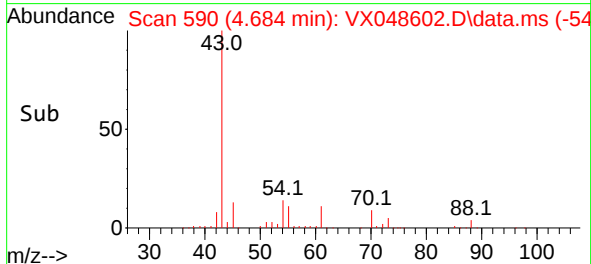
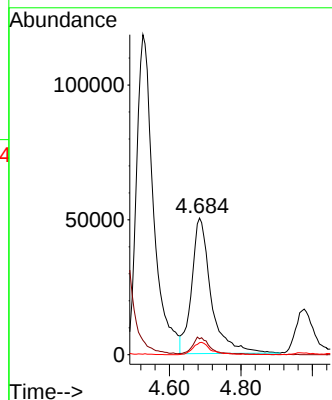
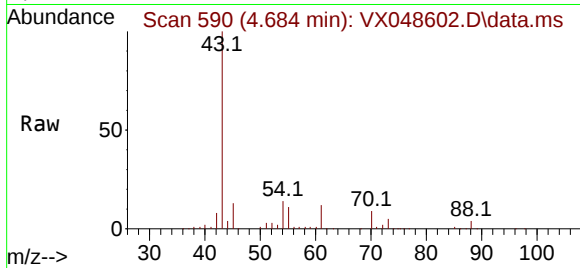
#37
Ethyl Acetate
Concen: 56.680 ug/l
RT: 4.684 min Scan# 592
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 190080
Ion Ratio Lower Upper
43 100
61 11.0 9.7 14.5
70 8.2 7.7 11.5

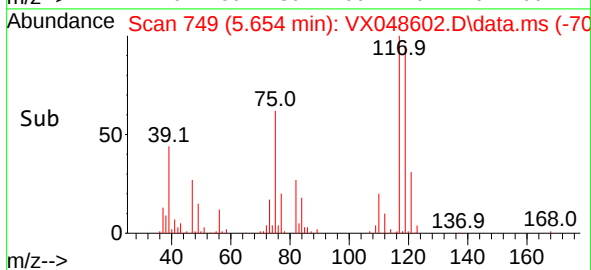
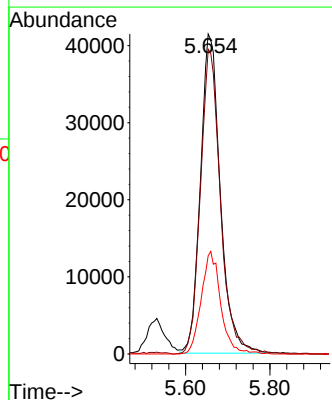
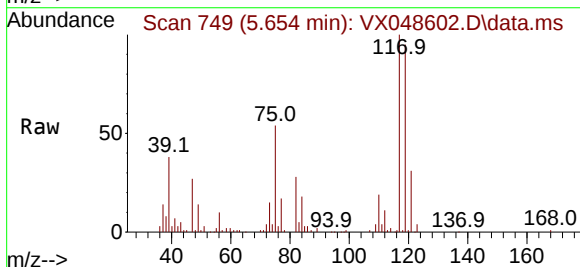
Manual Integrations
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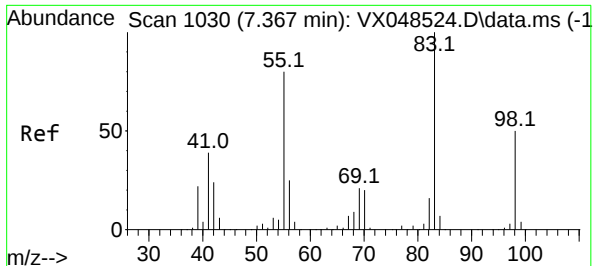
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#38
Carbon Tetrachloride
Concen: 50.219 ug/l
RT: 5.654 min Scan# 749
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion:117 Resp: 136193
Ion Ratio Lower Upper
117 100
119 95.3 74.5 111.7
121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 49.309 ug/l

RT: 7.361 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 131904

Ion Ratio Lower Upper

83 100

55 76.8 63.8 95.6

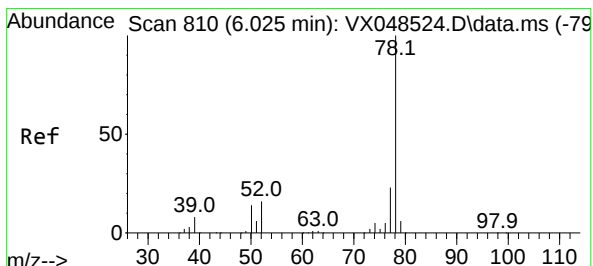
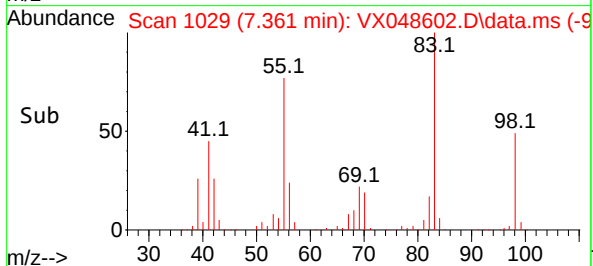
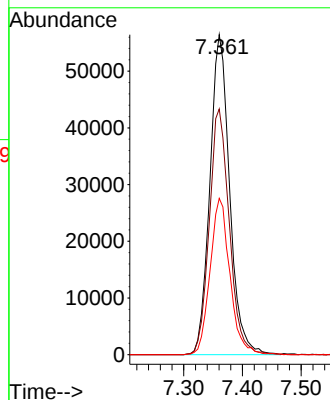
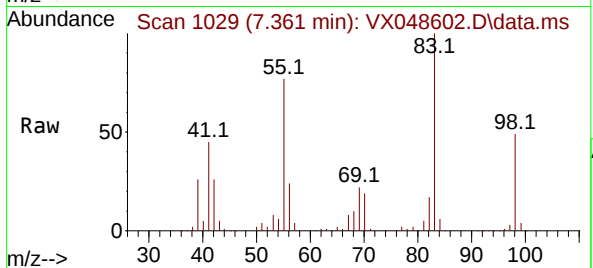
98 48.9 40.3 60.5

Manual Integrations

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Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#40

Benzene

Concen: 48.973 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048602.D

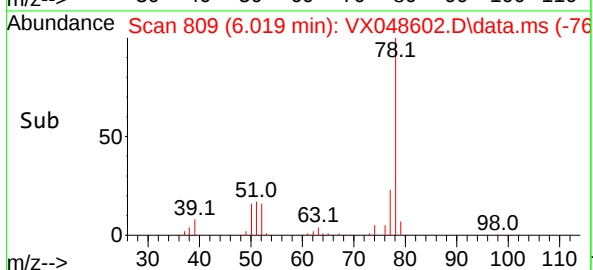
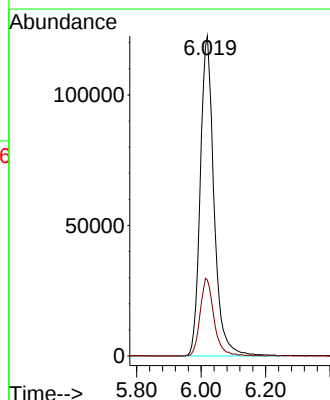
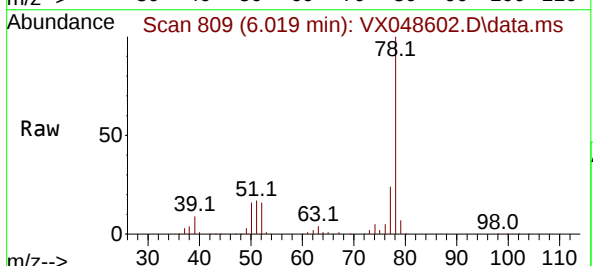
Acq: 14 Nov 2025 08:47

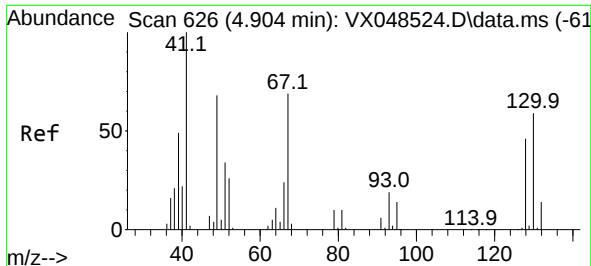
Tgt Ion: 78 Resp: 361662

Ion Ratio Lower Upper

78 100

77 23.7 18.3 27.5





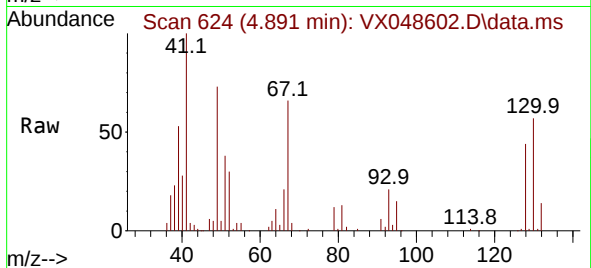
#41
Methacrylonitrile
Concen: 57.609 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



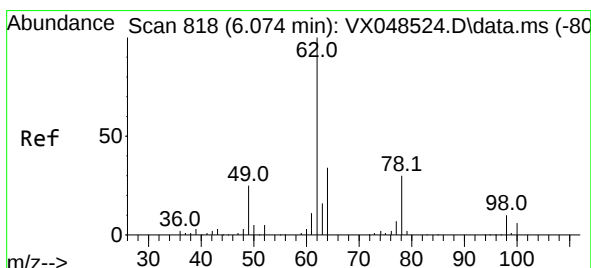
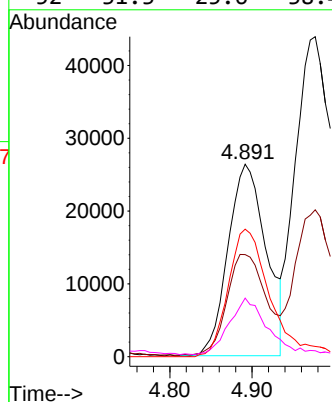
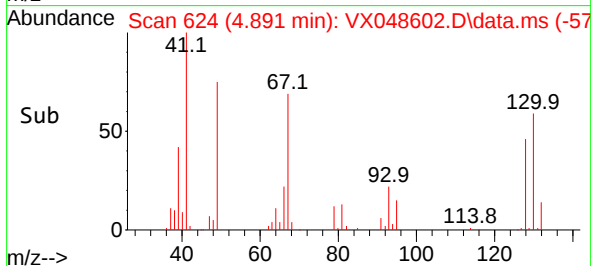
Tgt Ion: 41 Resp: 84962
Ion Ratio Lower Upper
41 100
39 54.3 41.1 61.7
67 73.4 64.2 96.2
52 31.3 25.6 38.4

Manual Integrations

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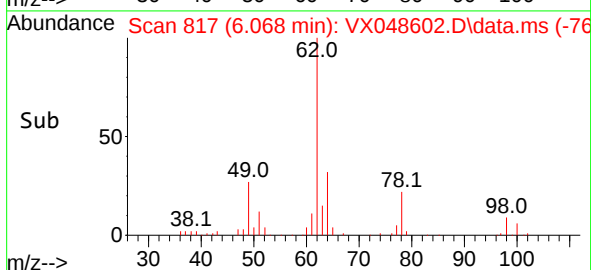
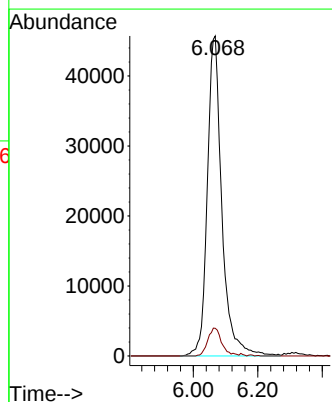
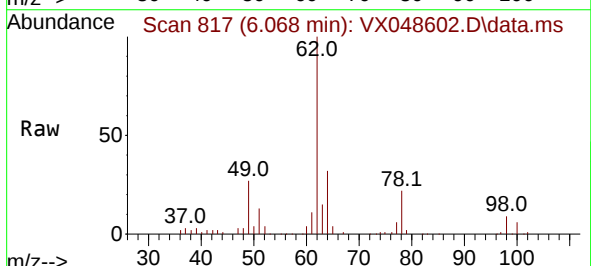
Reviewed By :John Carlone 11/17/2025

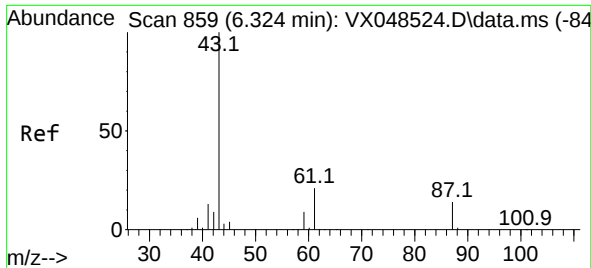
Supervised By :Mahesh Dadoda 11/17/2025



#42
1,2-Dichloroethane
Concen: 56.584 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

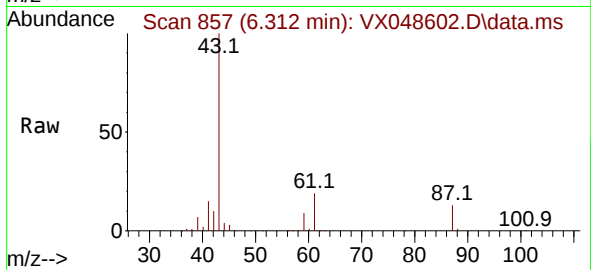
Tgt Ion: 62 Resp: 143174
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.6





#43
Isopropyl Acetate
Concen: 54.278 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

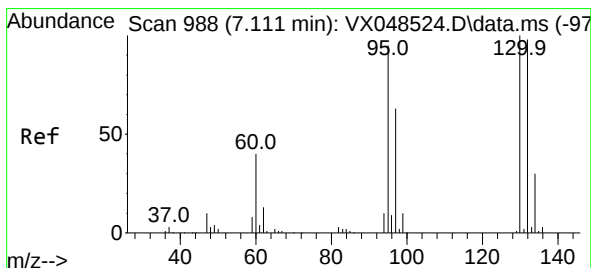
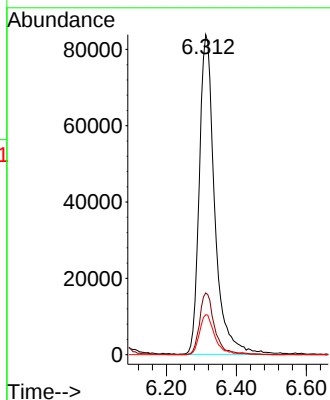
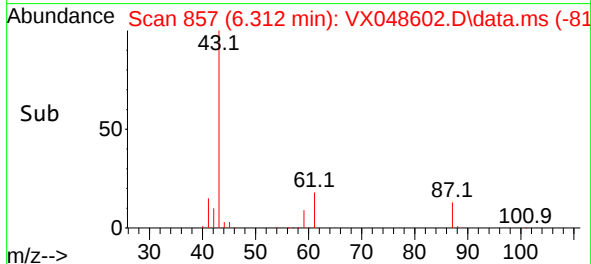
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25587
Ion Ratio Lower Upper
43 100
61 18.5 16.2 24.4
87 12.5 10.9 16.3

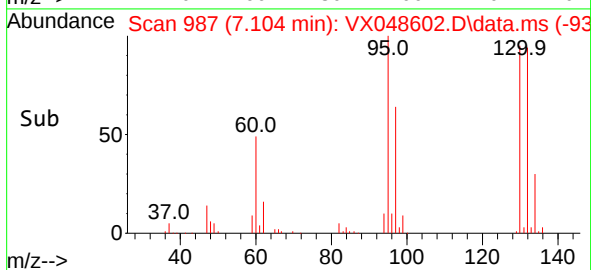
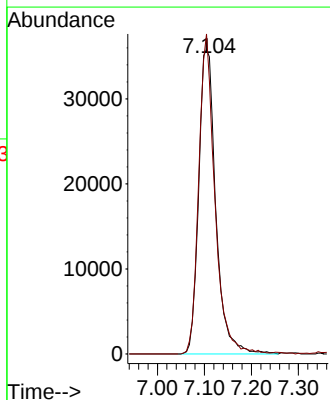
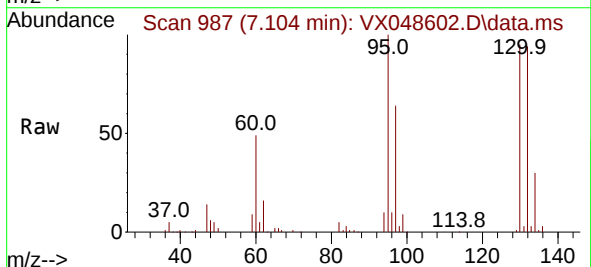
Manual Integrations
APPROVED

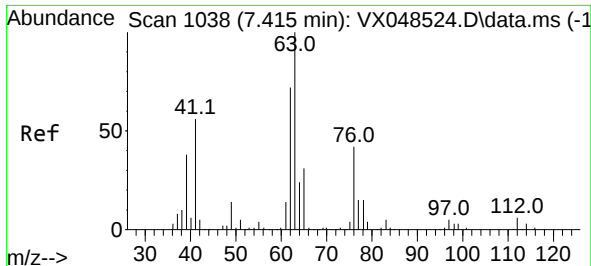
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#44
Trichloroethene
Concen: 51.487 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion:130 Resp: 90885
Ion Ratio Lower Upper
130 100
95 105.1 0.0 190.2





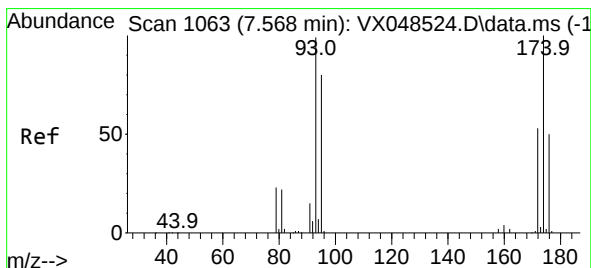
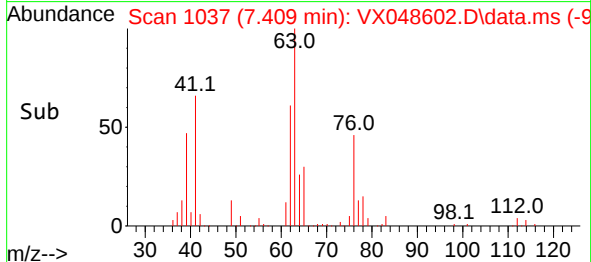
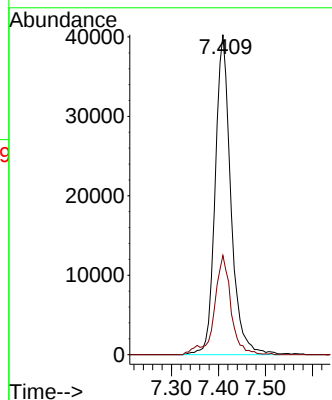
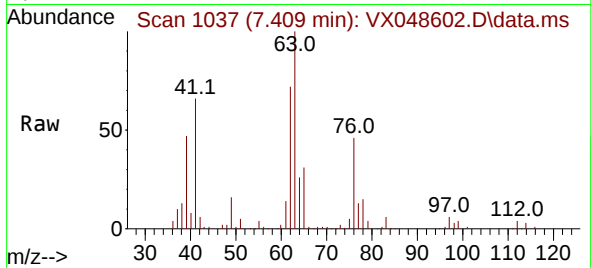
#45
1,2-Dichloropropane
Concen: 55.001 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 9339
Ion Ratio Lower Upper
63 100
65 31.0 24.9 37.3

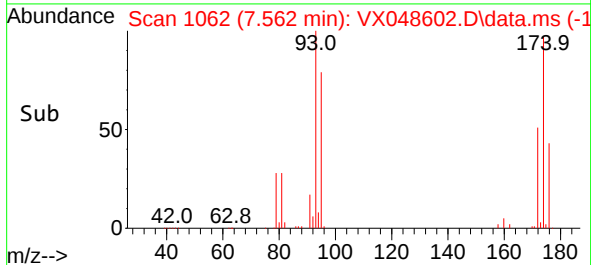
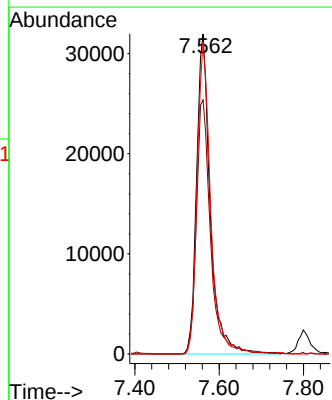
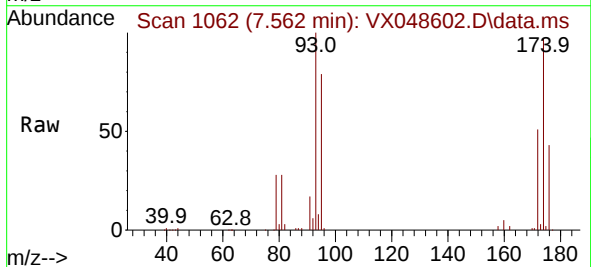
Manual Integrations
APPROVED

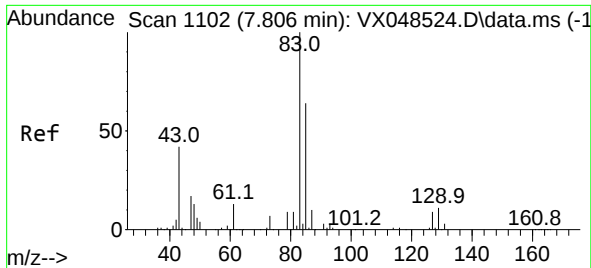
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#46
Dibromomethane
Concen: 58.120 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion: 93 Resp: 71980
Ion Ratio Lower Upper
93 100
95 81.6 67.6 101.4
174 96.2 83.0 124.6





#47
Bromodichloromethane
Concen: 60.741 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

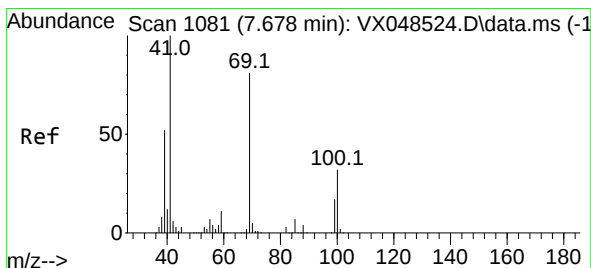
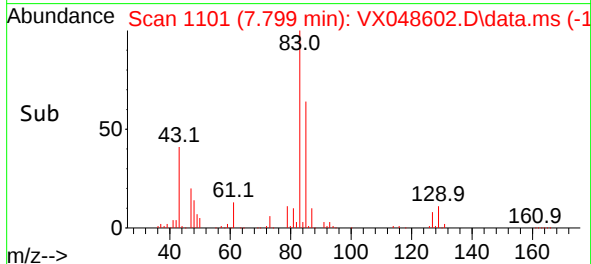
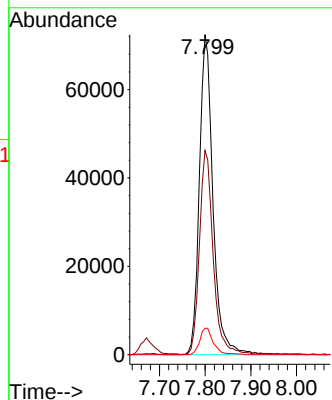
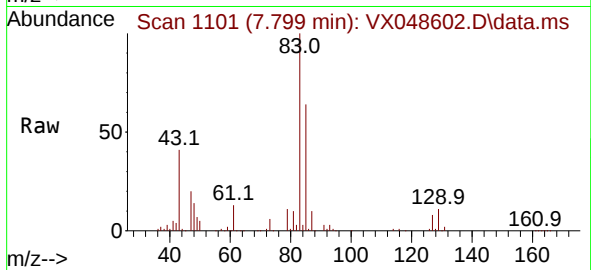
Tgt Ion: 83 Resp: 150074
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 8.2 7.0 10.4

Manual Integrations

APPROVED

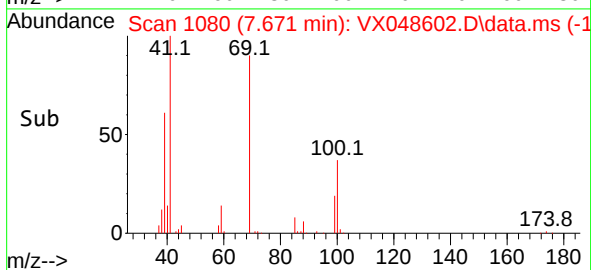
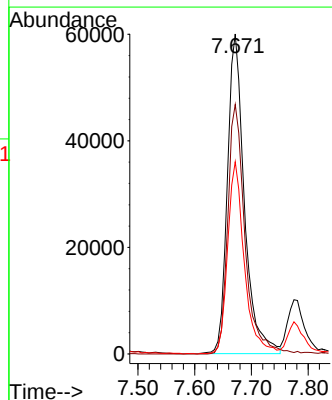
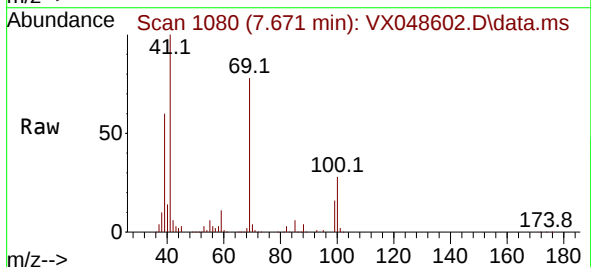
Reviewed By :John Carlone 11/17/2025

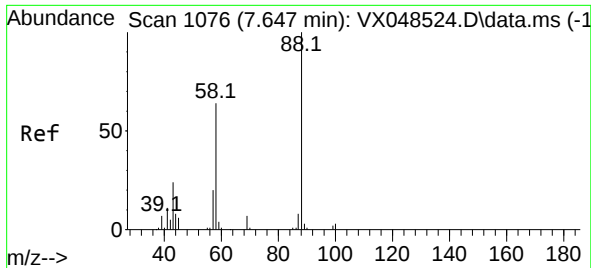
Supervised By :Mahesh Dadoda 11/17/2025



#48
Methyl methacrylate
Concen: 59.742 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

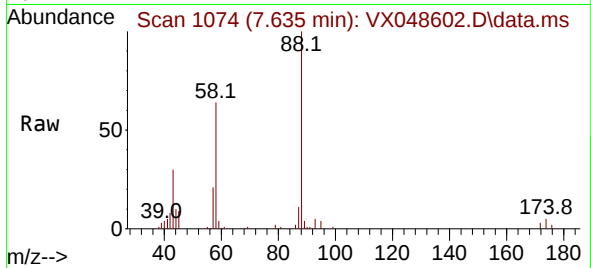
Tgt Ion: 41 Resp: 125194
Ion Ratio Lower Upper
41 100
69 79.2 67.9 101.9
39 59.1 42.2 63.2





#49
1,4-Dioxane
Concen: 1201.445 ug/l
RT: 7.635 min Scan# 1076
Delta R.T. -0.012 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

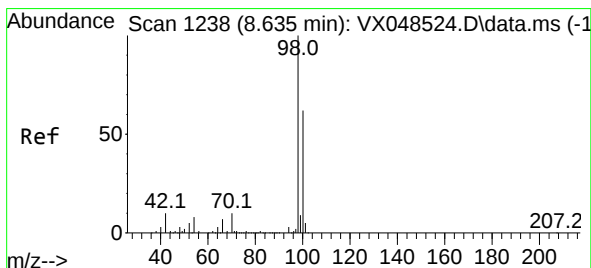
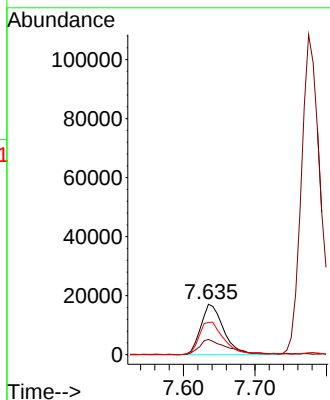
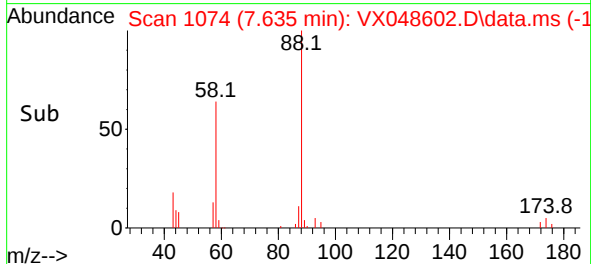
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 38364
Ion Ratio Lower Upper
88 100
43 38.1 25.1 37.7
58 68.8 56.7 85.1

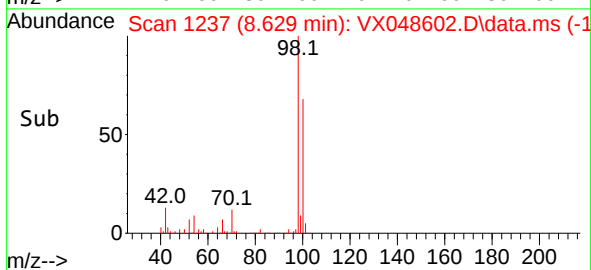
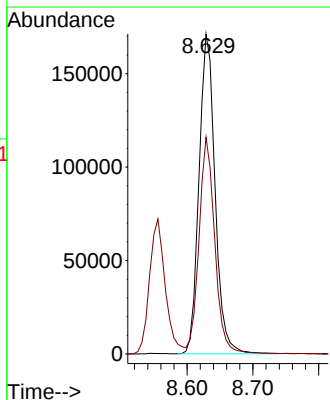
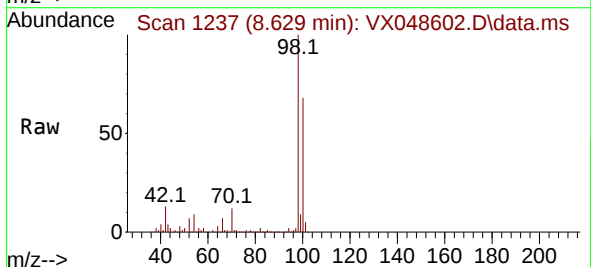
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#50
Toluene-d8
Concen: 52.273 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

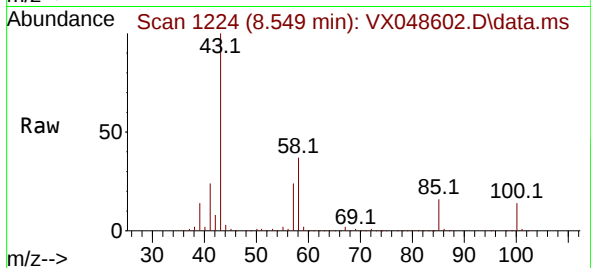
Tgt Ion: 98 Resp: 290061
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 312.958 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

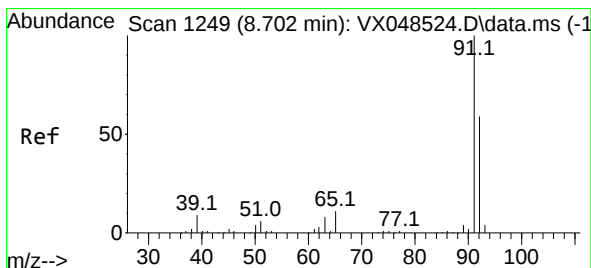
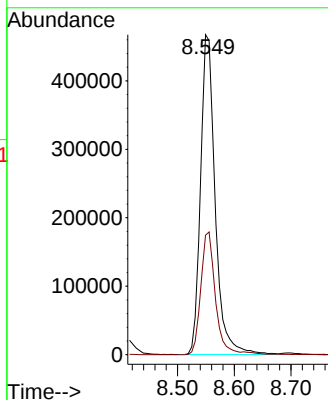
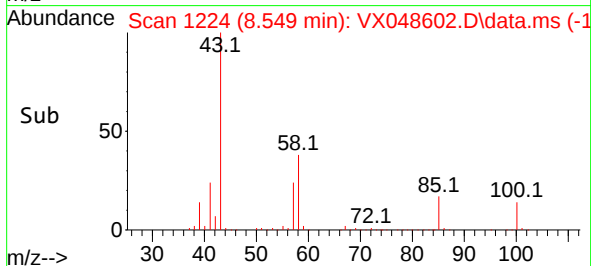
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 839797
Ion Ratio Lower Upper
43 100
58 38.7 32.3 48.5

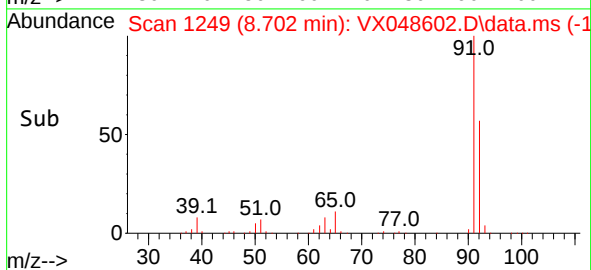
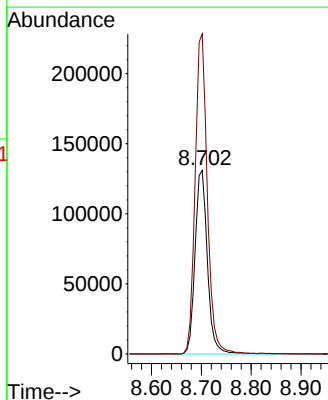
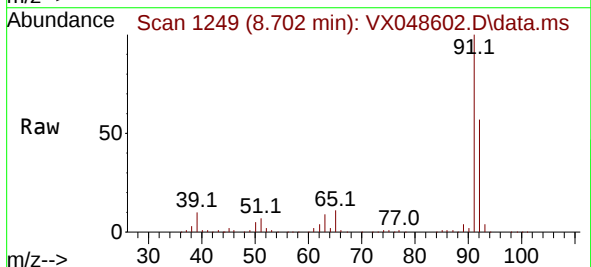
Manual Integrations
APPROVED

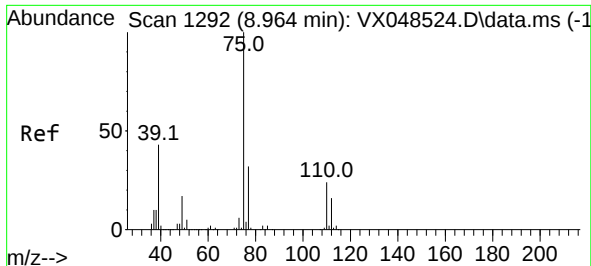
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#52
Toluene
Concen: 57.849 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion: 92 Resp: 224920
Ion Ratio Lower Upper
92 100
91 172.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 58.581 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 149138

Ion Ratio Lower Upper

75 100

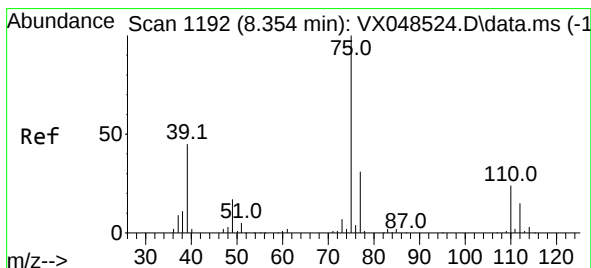
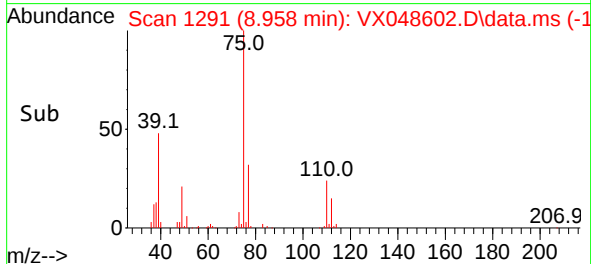
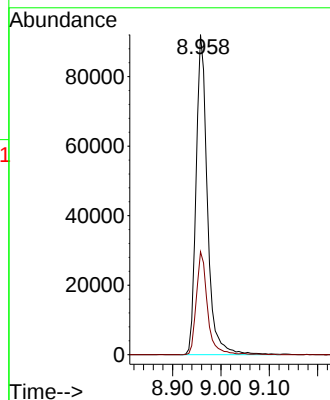
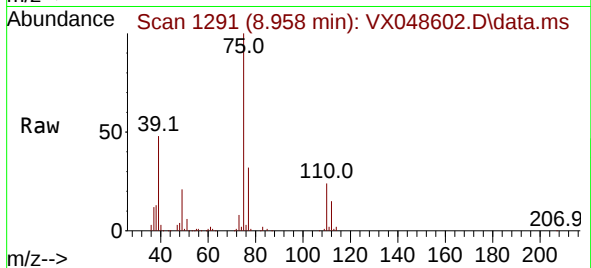
77 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#54

cis-1,3-Dichloropropene

Concen: 59.135 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

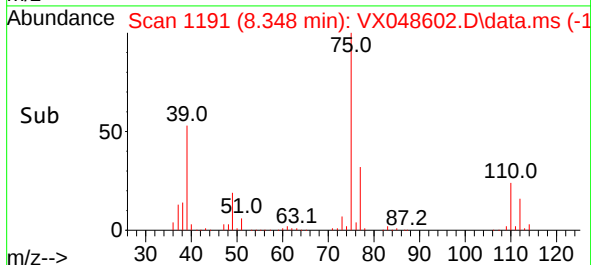
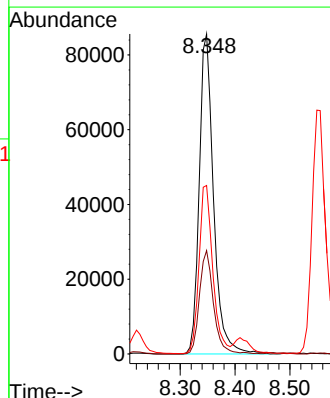
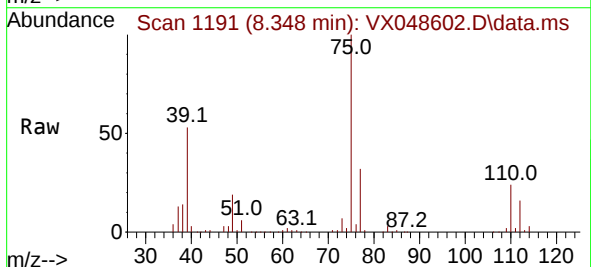
Tgt Ion: 75 Resp: 155887

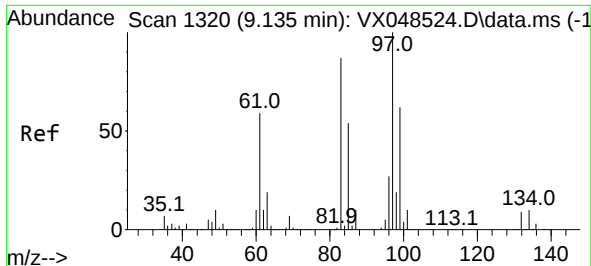
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 52.5 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 61.352 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

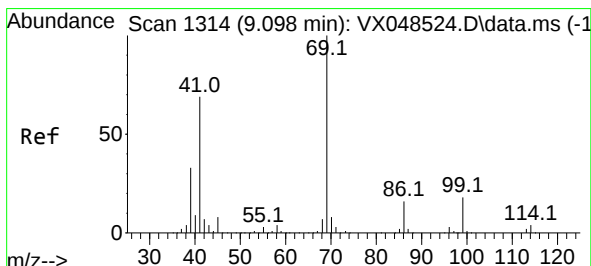
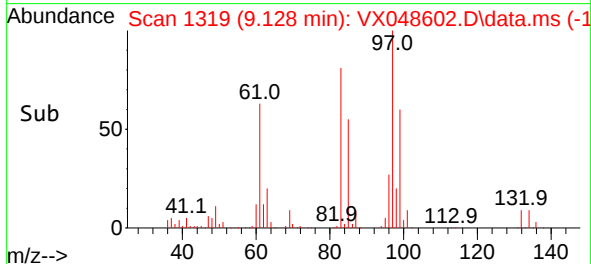
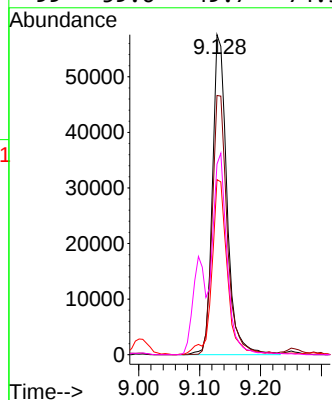
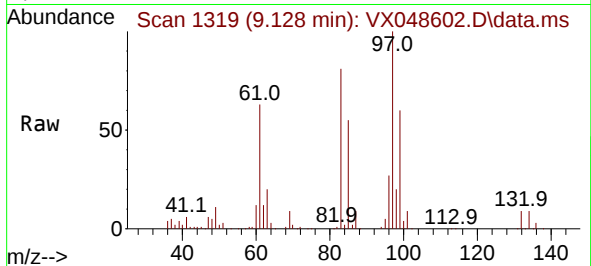
Tgt Ion: 97	Resp: 95304
Ion Ratio	Lower Upper
97 100	
83 80.9	69.2 103.8
85 54.6	42.8 64.2
99 59.6	49.7 74.5

Manual Integrations

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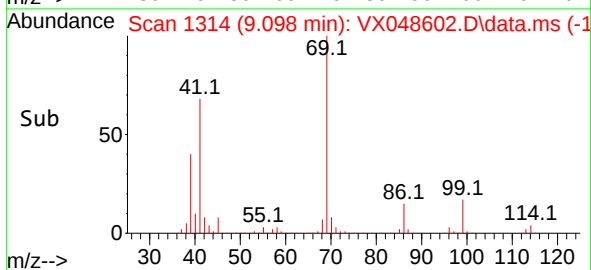
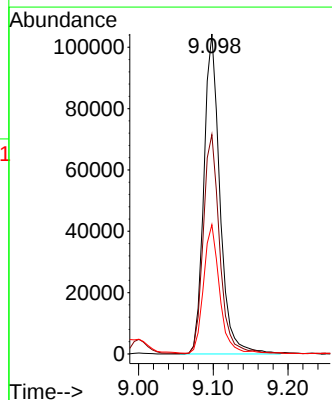
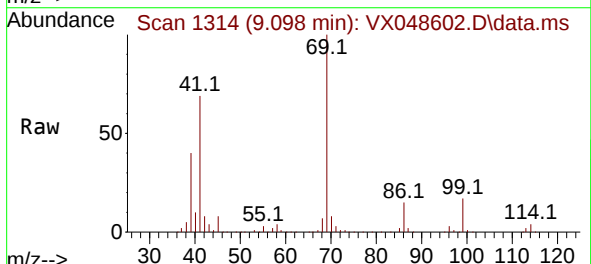
Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#56
Ethyl methacrylate
Concen: 60.332 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion: 69	Resp: 155926
Ion Ratio	Lower Upper
69 100	
41 69.9	53.3 79.9
39 40.5	26.1 39.1#





#57

1,3-Dichloropropane

Concen: 58.374 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15783

Ion Ratio Lower Upper

76 100

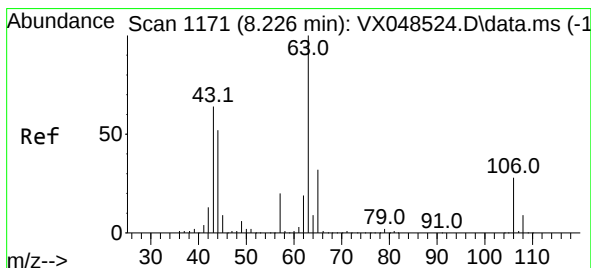
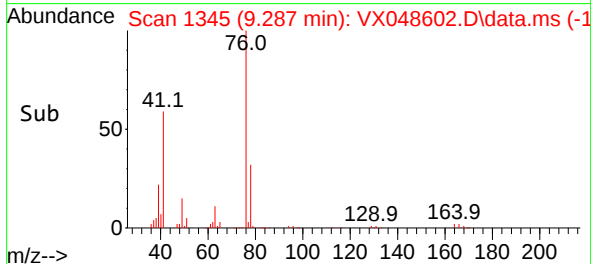
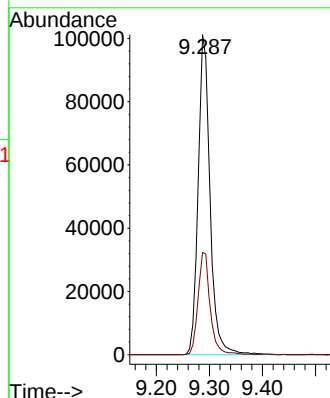
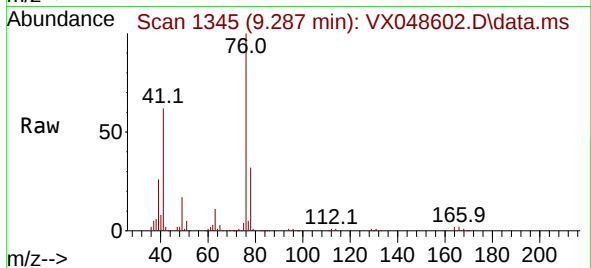
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 319.171 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048602.D

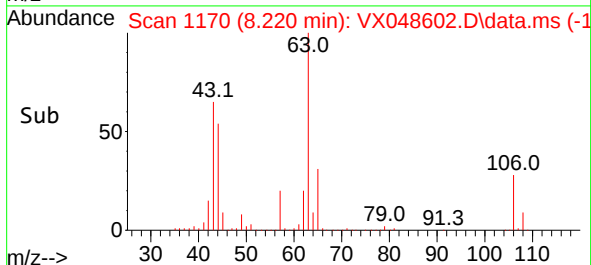
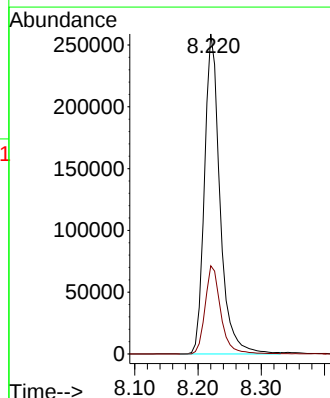
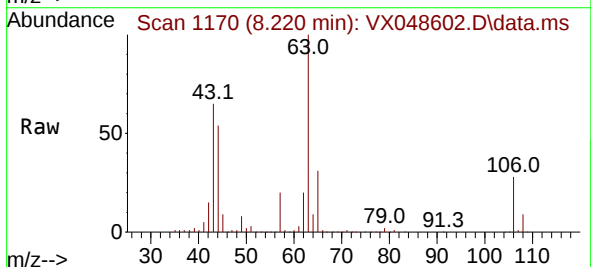
Acq: 14 Nov 2025 08:47

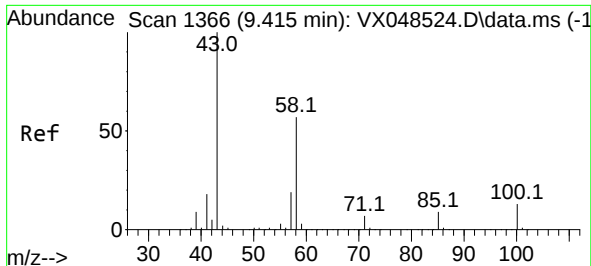
Tgt Ion: 63 Resp: 443482

Ion Ratio Lower Upper

63 100

106 27.8 23.0 34.4





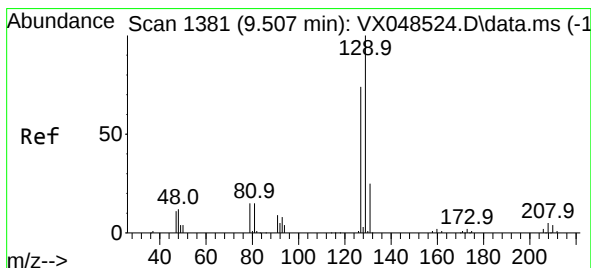
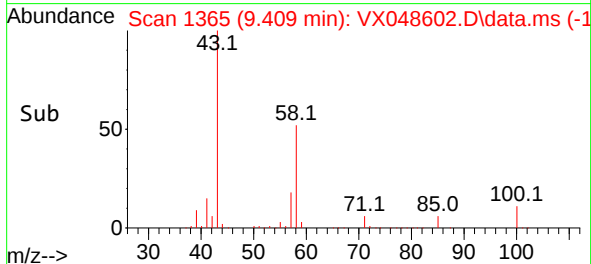
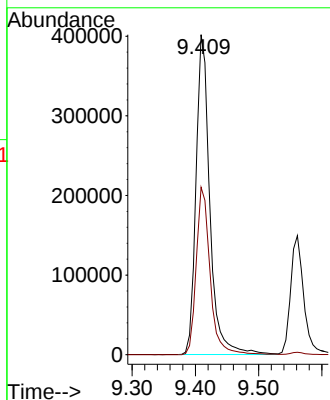
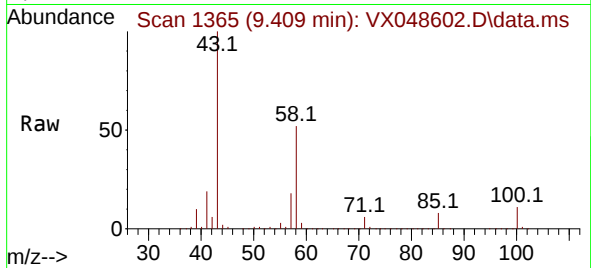
#59
2-Hexanone
Concen: 306.321 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 61144
Ion Ratio Lower Upper
43 100
58 52.6 28.1 84.2

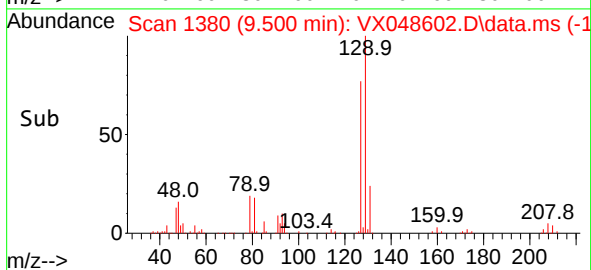
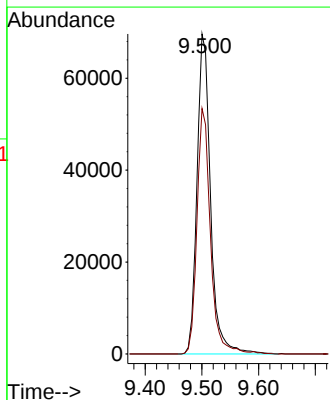
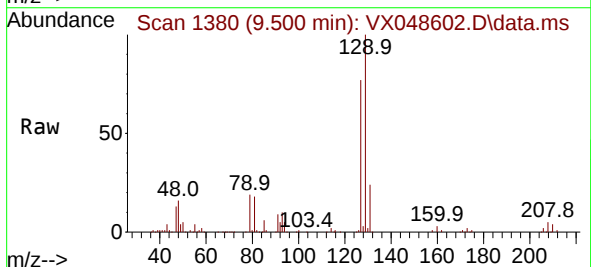
Manual Integrations
APPROVED

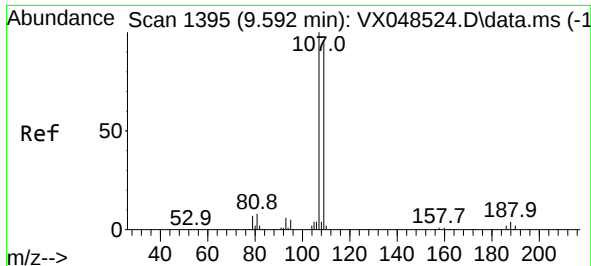
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#60
Dibromochloromethane
Concen: 60.468 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion:129 Resp: 115327
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.0





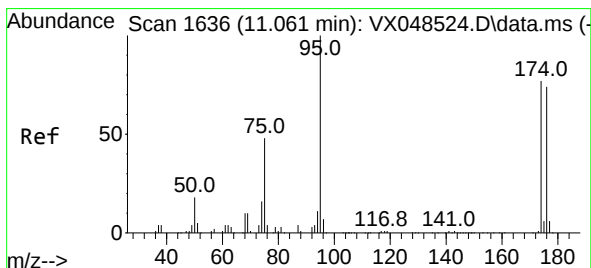
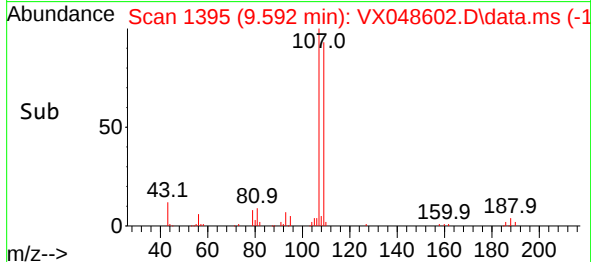
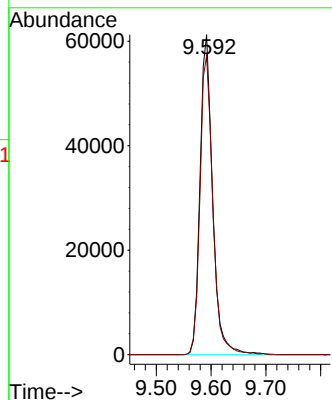
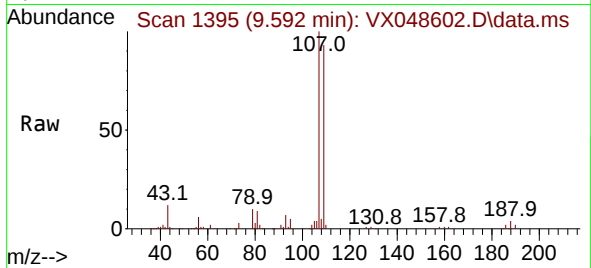
#61
1,2-Dibromoethane
Concen: 58.311 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 98108
Ion Ratio Lower Upper
107 100
109 95.3 75.3 112.9

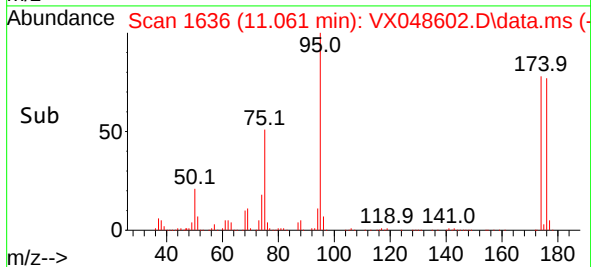
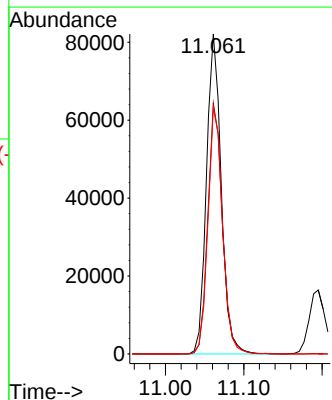
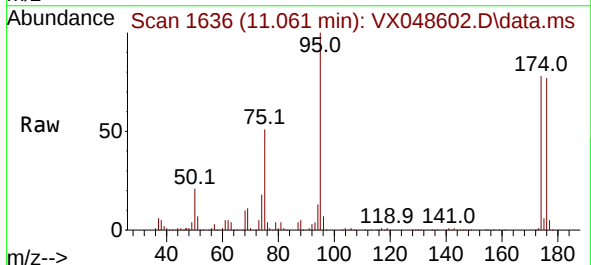
Manual Integrations
APPROVED

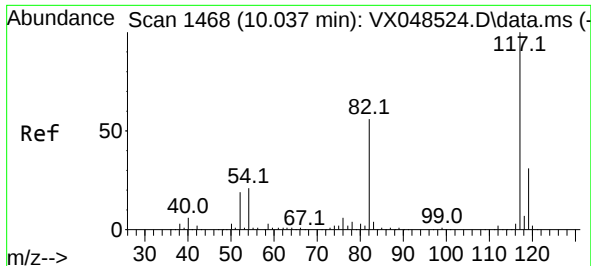
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#62
4-Bromofluorobenzene
Concen: 51.788 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

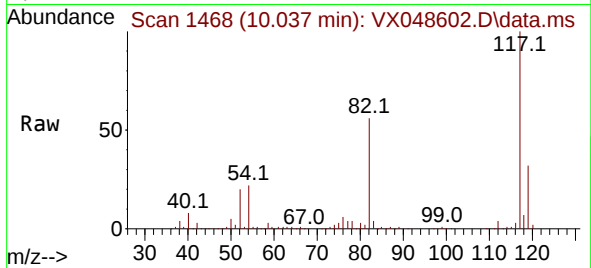
Tgt Ion: 95 Resp: 107093
Ion Ratio Lower Upper
95 100
174 77.9 0.0 161.8
176 76.2 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

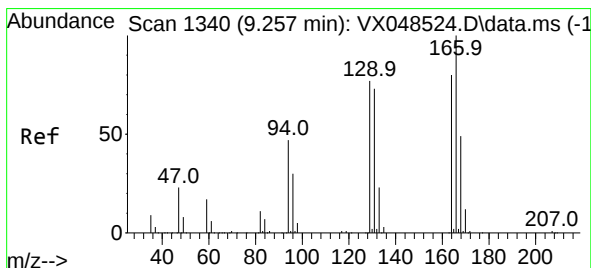
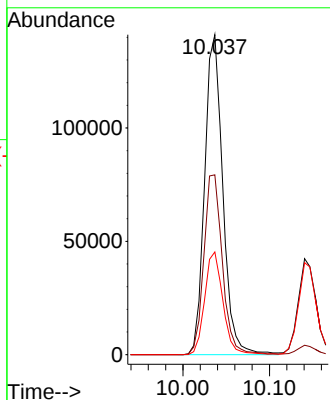
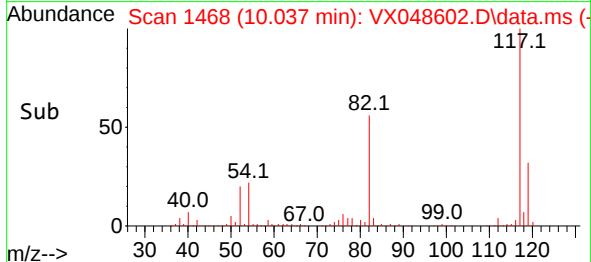
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 205639
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 32.1 25.1 37.7

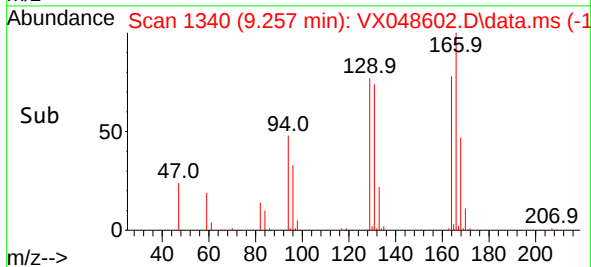
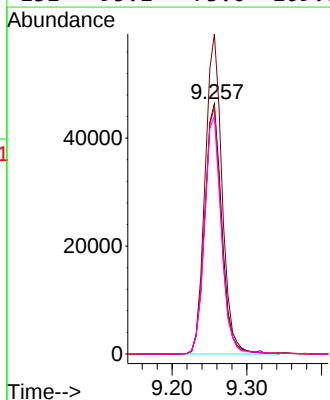
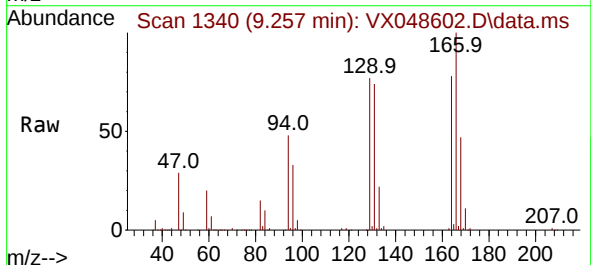
Manual Integrations
APPROVED

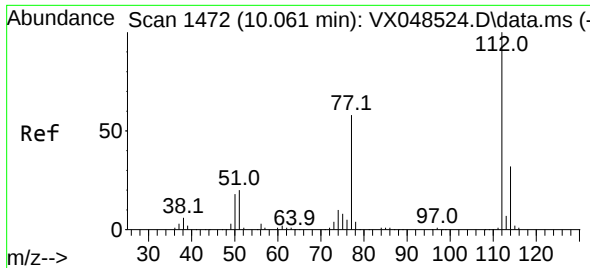
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#64
Tetrachloroethene
Concen: 48.929 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion:164 Resp: 73080
Ion Ratio Lower Upper
164 100
166 128.1 100.6 150.8
129 98.8 77.6 116.4
131 95.1 73.0 109.6





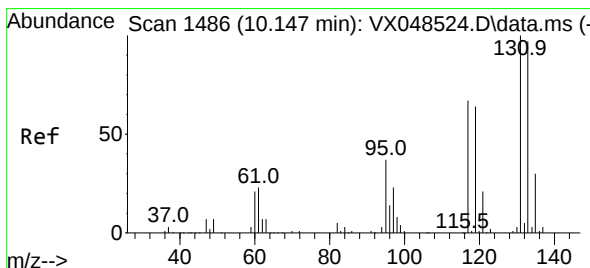
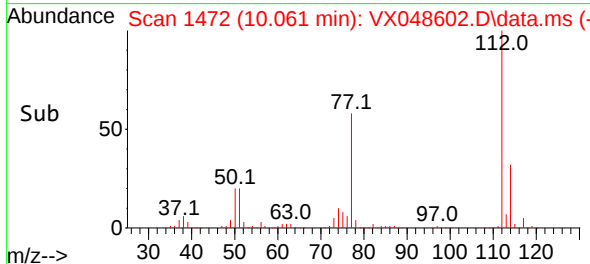
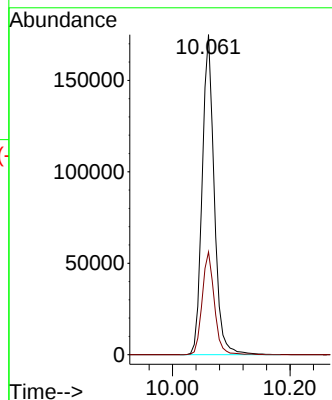
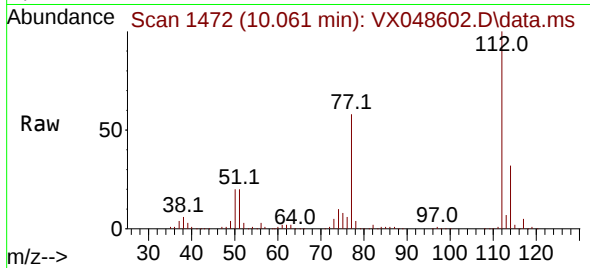
#65
Chlorobenzene
Concen: 50.912 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 24849
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

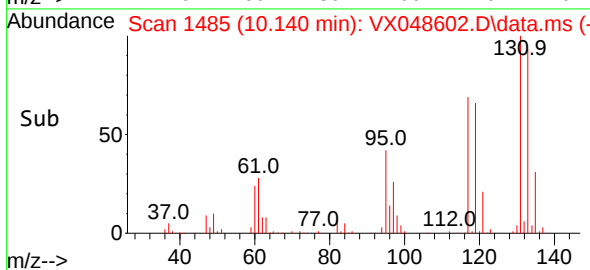
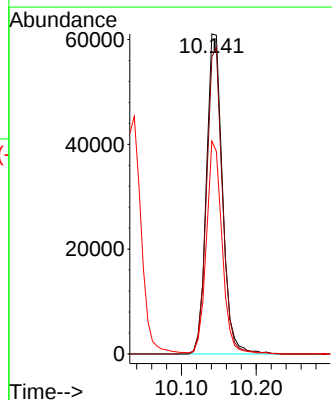
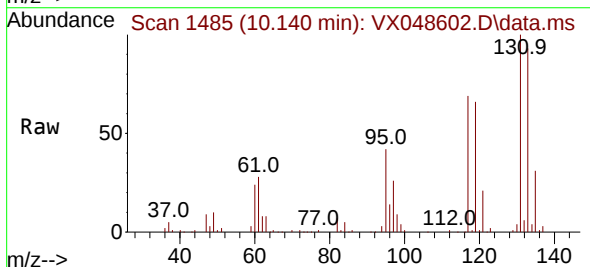
Manual Integrations
APPROVED

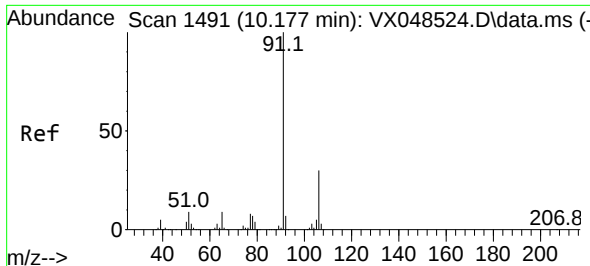
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.644 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

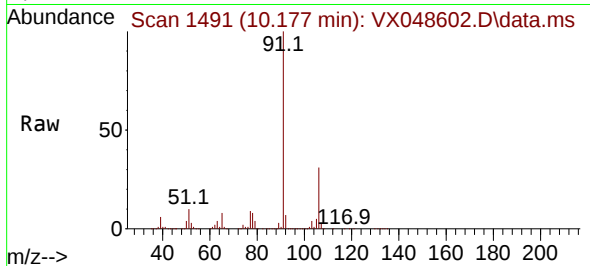
Tgt Ion:131 Resp: 91000
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 65.2 32.8 98.3





#67
Ethyl Benzene
Concen: 52.136 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

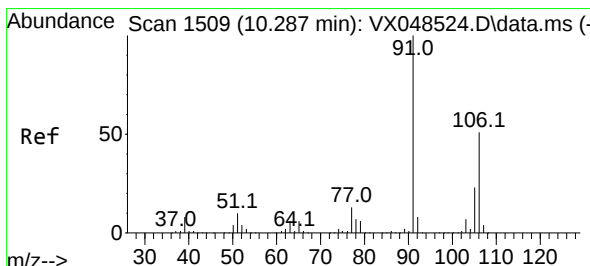
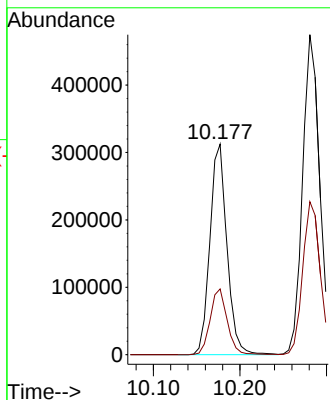
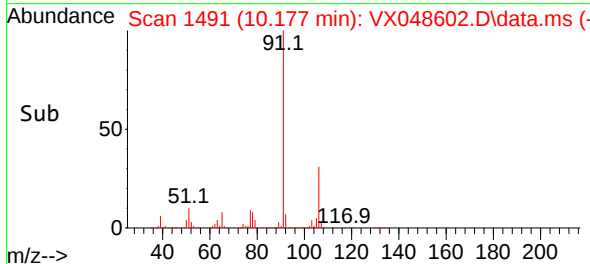
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



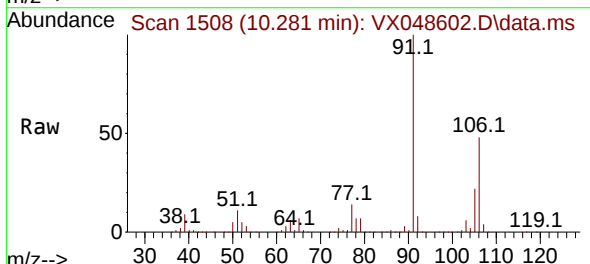
Tgt Ion: 91 Resp: 427309
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1

Manual Integrations
APPROVED

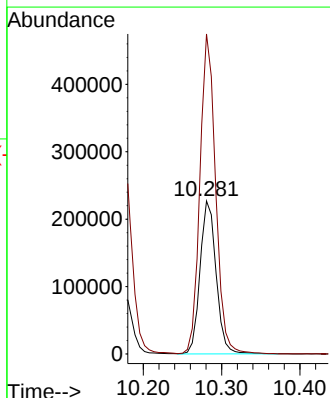
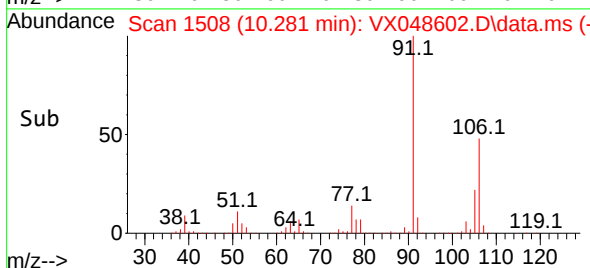
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

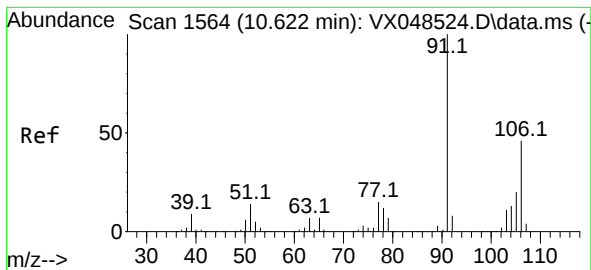


#68
m/p-Xylenes
Concen: 104.438 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion:106 Resp: 322378
Ion Ratio Lower Upper
106 100
91 205.0 159.6 239.4





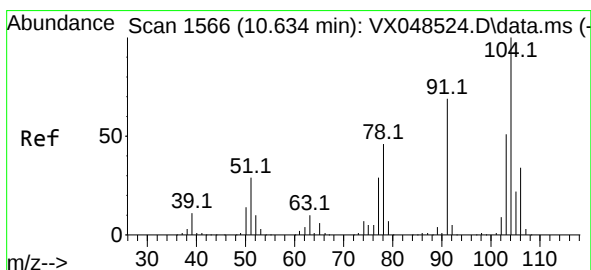
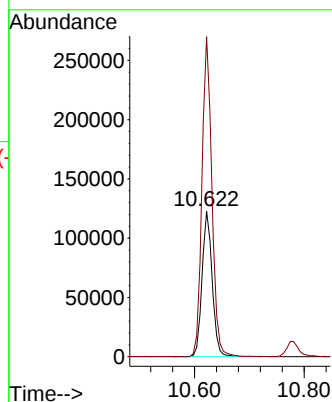
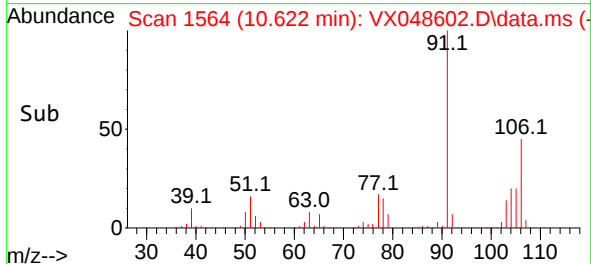
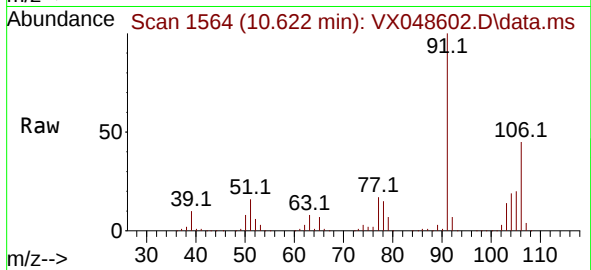
#69
o-Xylene
Concen: 52.142 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 157475
Ion Ratio Lower Upper
106 100
91 216.1 106.4 319.2

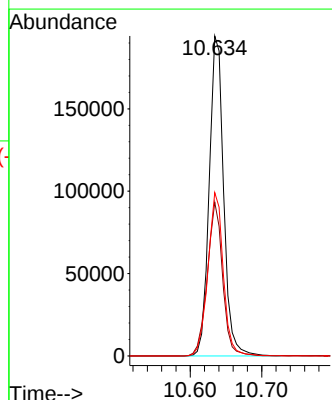
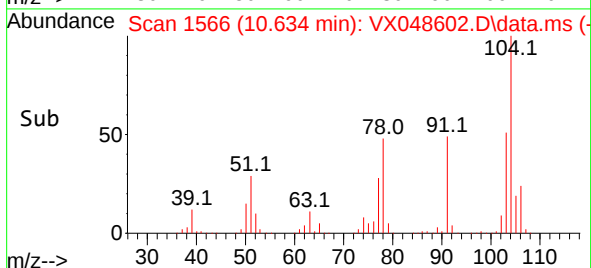
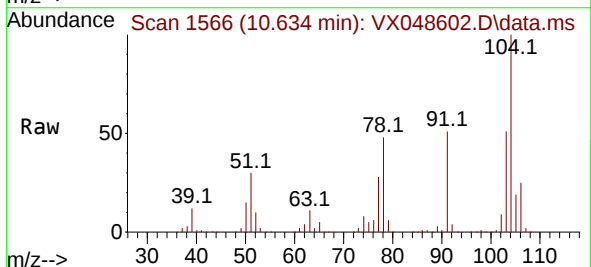
Manual Integrations
APPROVED

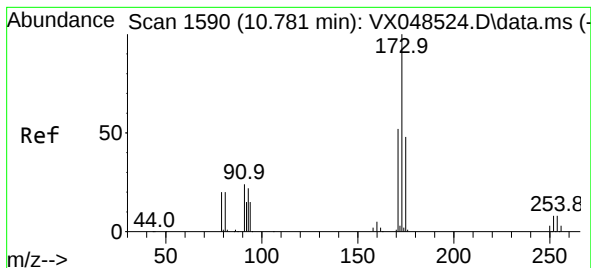
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#70
Styrene
Concen: 53.845 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion:104 Resp: 272787
Ion Ratio Lower Upper
104 100
78 51.0 39.4 59.2
103 54.4 43.1 64.7





#71

Bromoform

Concen: 53.432 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

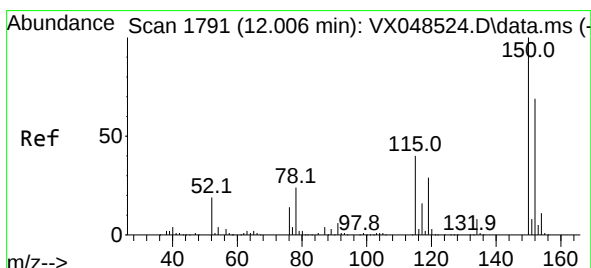
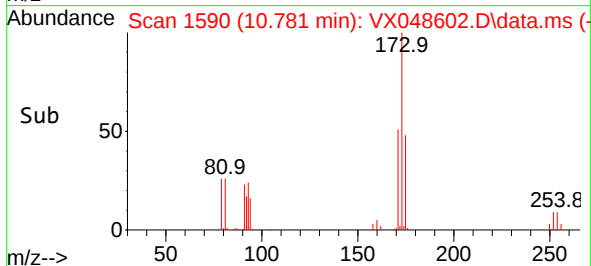
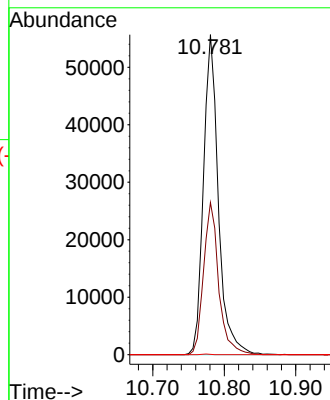
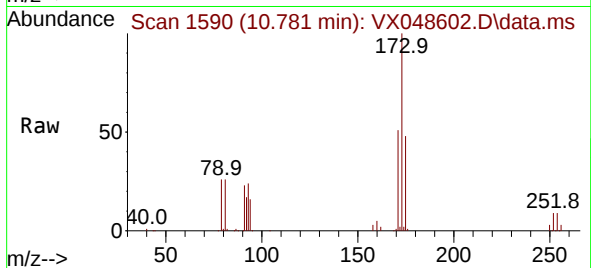
Tgt Ion:173 Resp: 8061
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.4 73.4
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

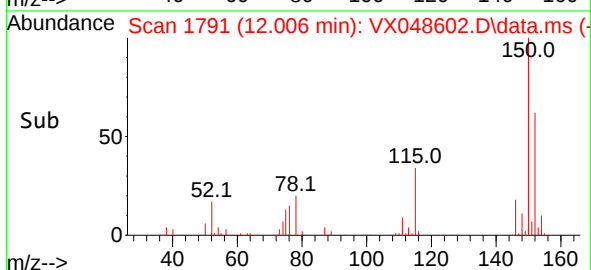
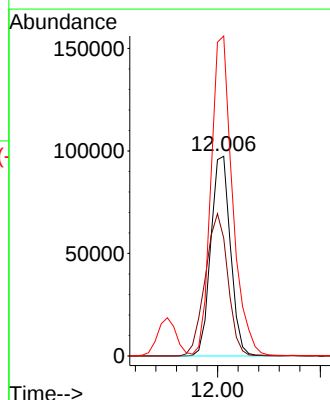
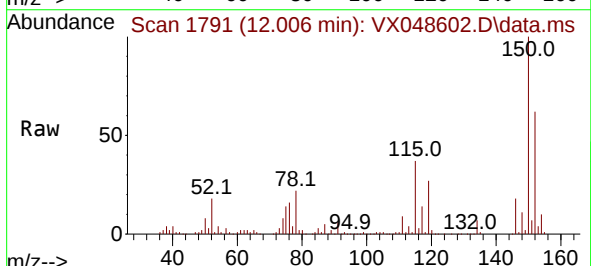
RT: 12.006 min Scan# 1791

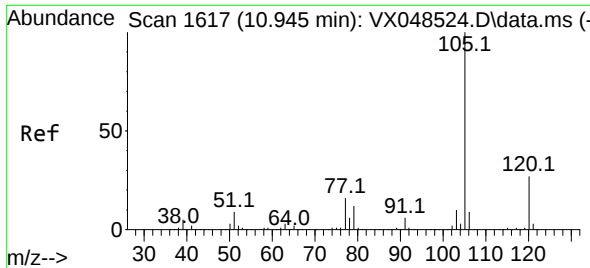
Delta R.T. -0.000 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Tgt Ion:152 Resp: 129254
 Ion Ratio Lower Upper
 152 100
 115 81.9 39.2 117.6
 150 175.8 0.0 347.0





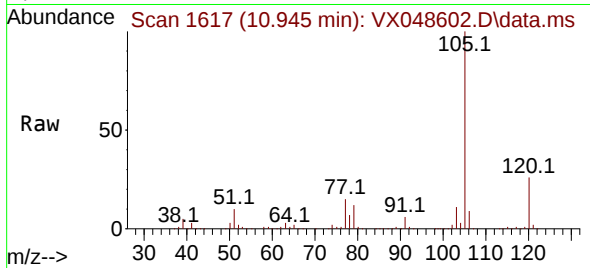
#73
Isopropylbenzene
Concen: 42.617 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



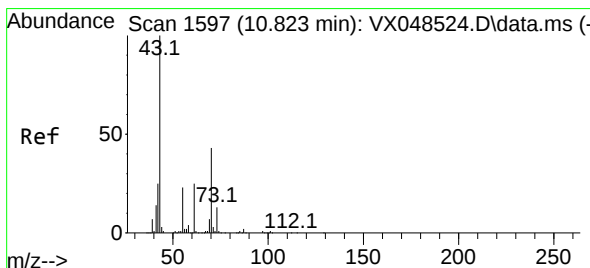
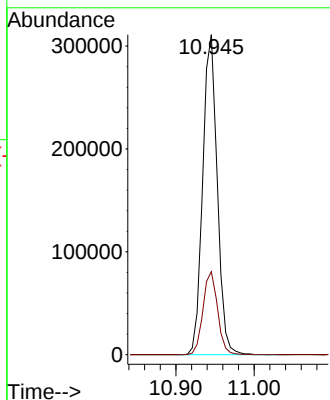
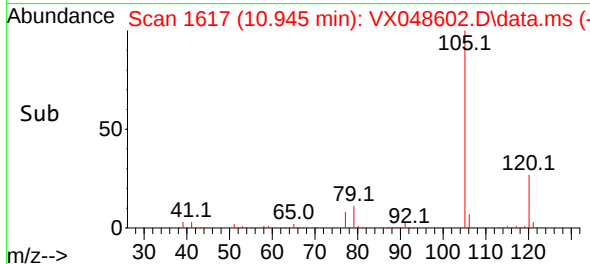
Tgt Ion:105 Resp: 399830
Ion Ratio Lower Upper
105 100
120 26.1 13.6 40.7

Manual Integrations

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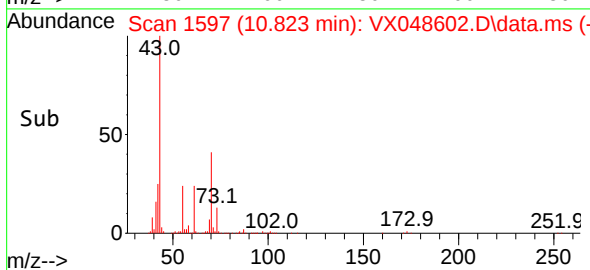
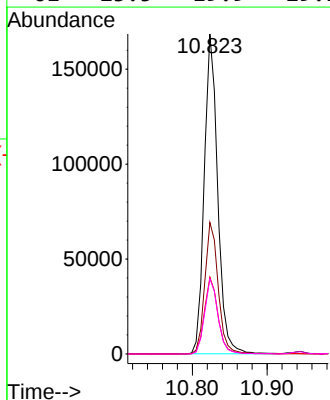
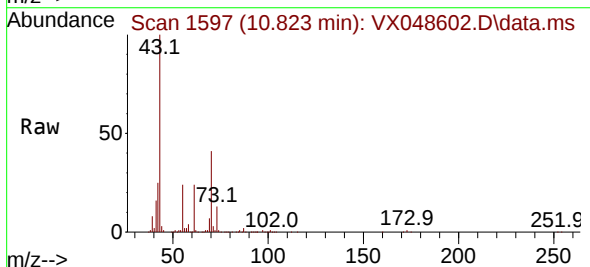
Reviewed By :John Carlone 11/17/2025

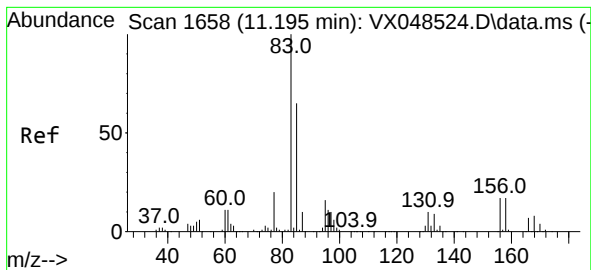
Supervised By :Mahesh Dadoda 11/17/2025



#74
N-ethyl acetate
Concen: 44.636 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion: 43 Resp: 210274
Ion Ratio Lower Upper
43 100
70 41.4 35.1 52.7
55 24.4 19.3 28.9
61 23.5 19.9 29.9





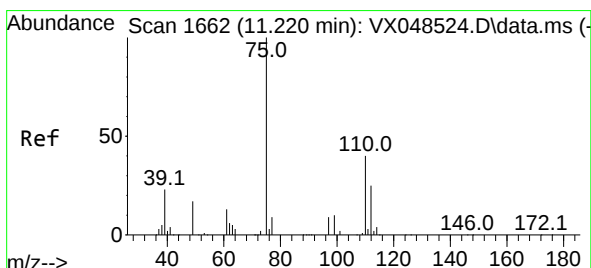
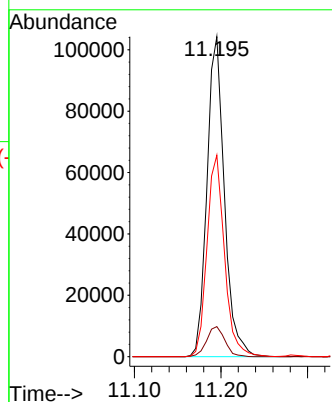
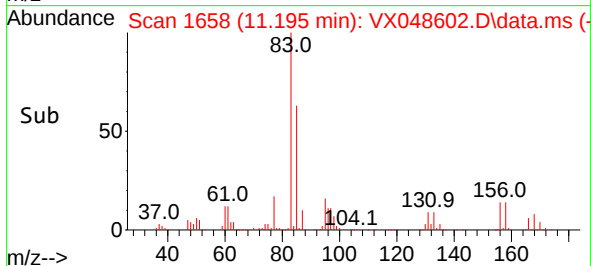
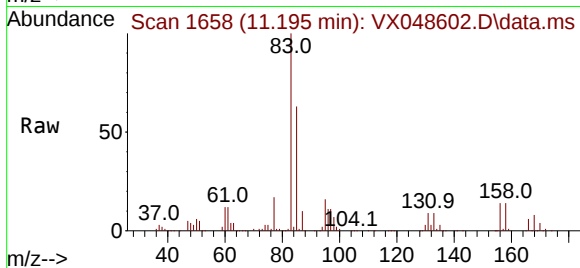
#75
1,1,2,2-Tetrachloroethane
Concen: 43.977 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 14550
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 63.4 32.3 96.8

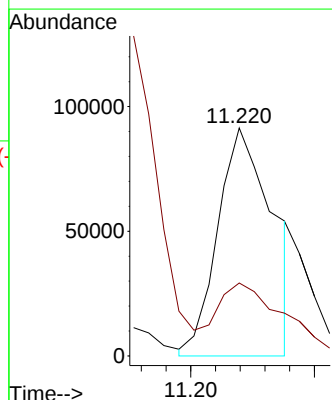
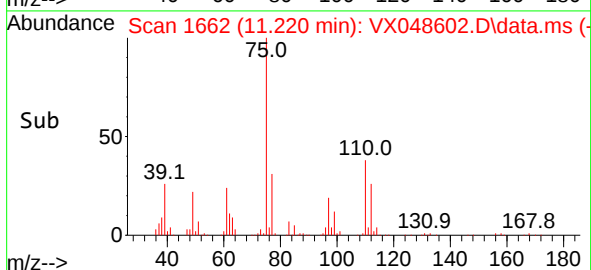
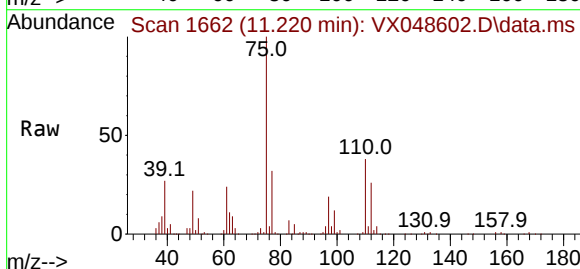
Manual Integrations
APPROVED

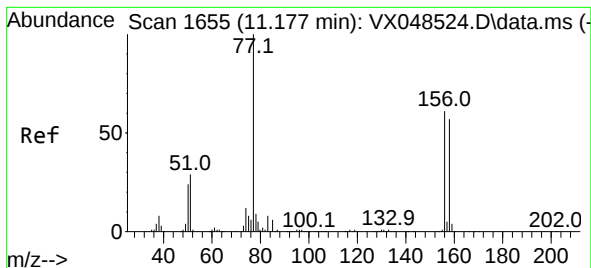
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#76
1,2,3-Trichloropropane
Concen: 45.147 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

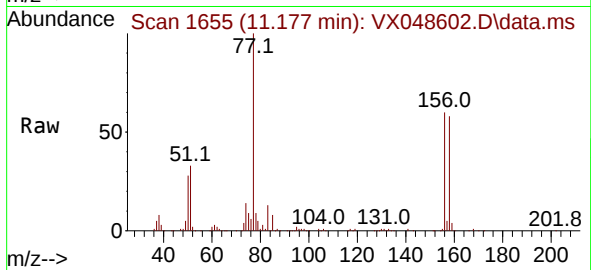
Tgt Ion: 75 Resp: 140584
Ion Ratio Lower Upper
75 100
77 39.9 24.3 72.8





#77
Bromobenzene
Concen: 42.600 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

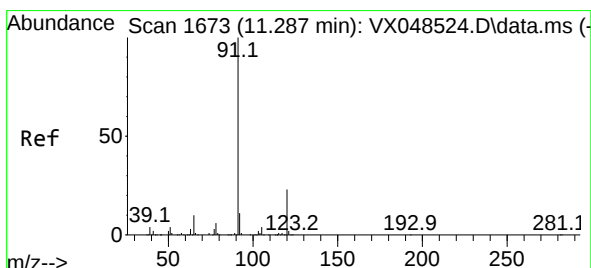
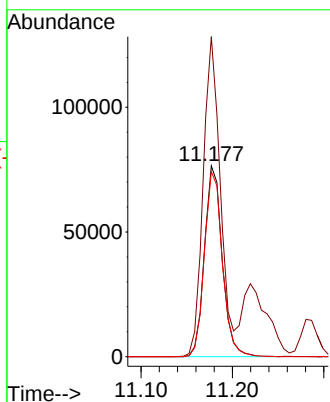
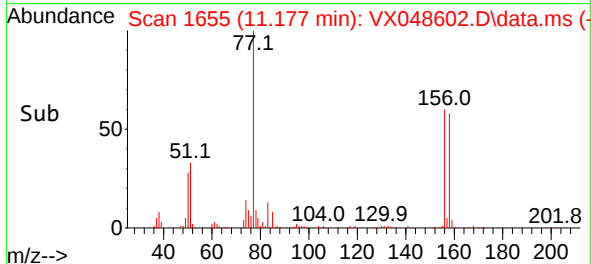
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



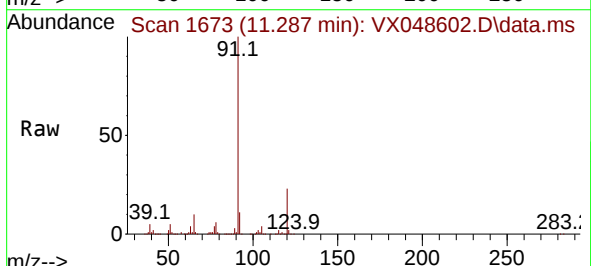
Tgt Ion: 156 Resp: 103200
Ion Ratio Lower Upper
156 100
77 160.8 78.1 234.4
158 97.9 48.5 145.5

Manual Integrations
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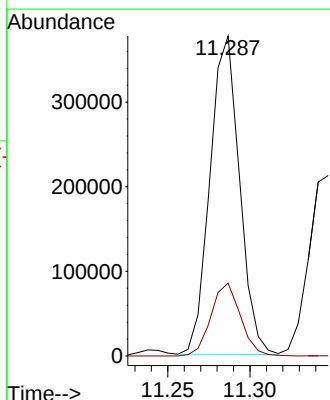
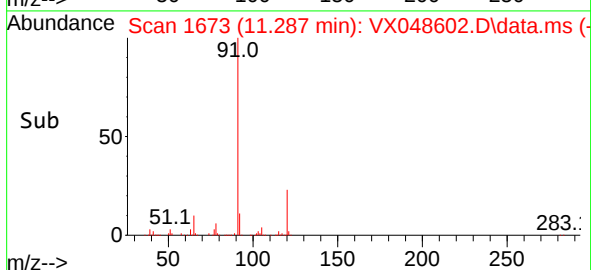
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

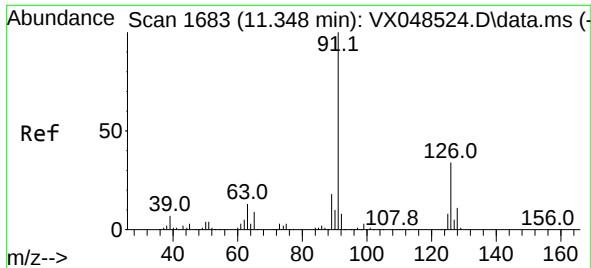


#78
n-propylbenzene
Concen: 42.681 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion: 91 Resp: 470854
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





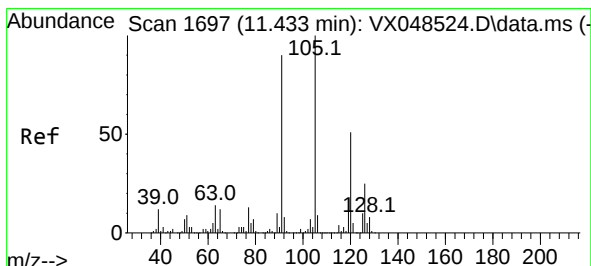
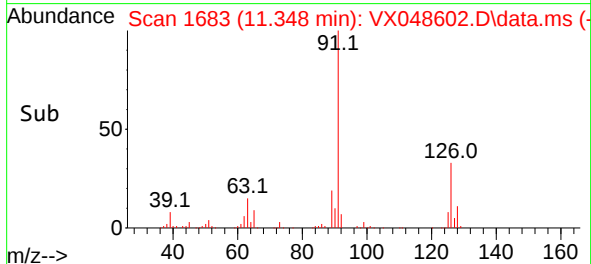
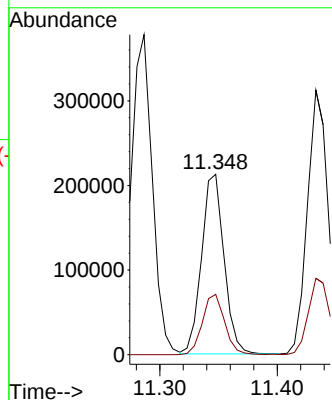
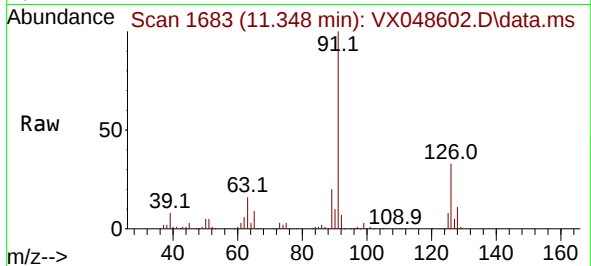
#79
2-Chlorotoluene
Concen: 42.324 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28214
Ion Ratio Lower Upper
91 100
126 33.2 17.1 51.2

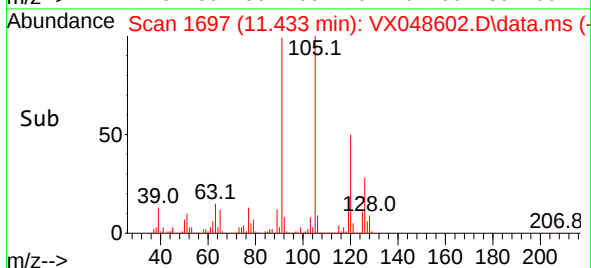
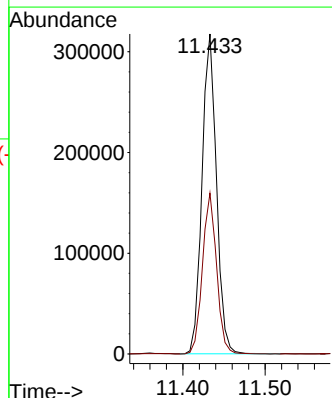
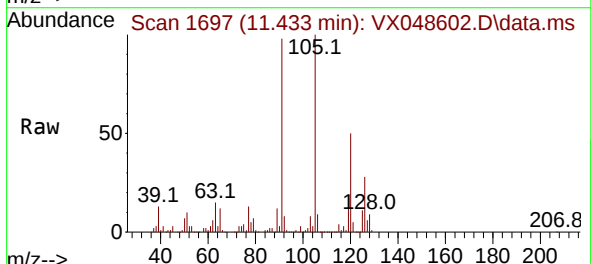
Manual Integrations
APPROVED

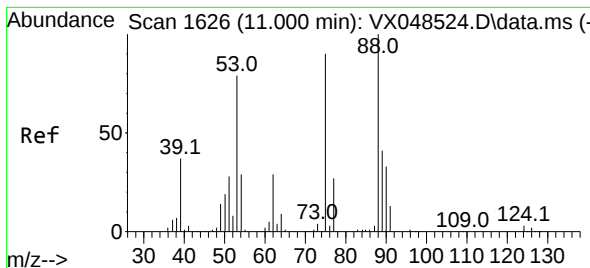
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.567 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Tgt Ion:105 Resp: 386760
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2





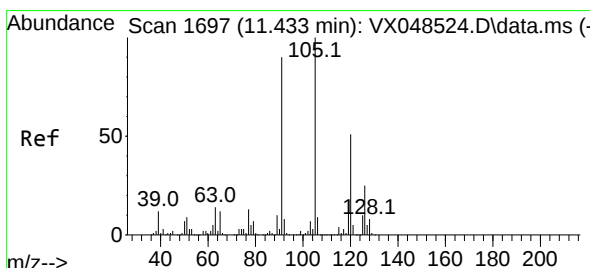
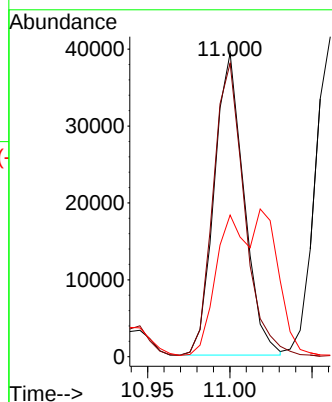
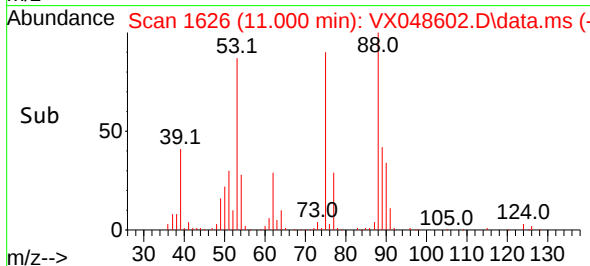
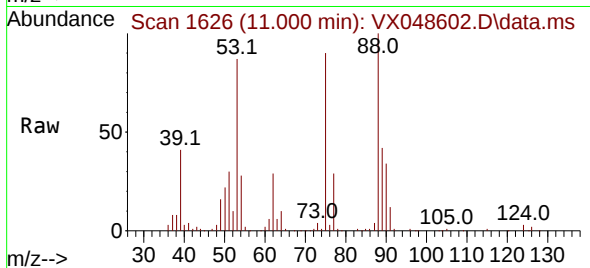
#81
trans-1,4-Dichloro-2-butene
Concen: 45.344 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49364
Ion Ratio Lower Upper
75 100
53 103.5 72.4 108.6
89 51.7 43.6 65.4

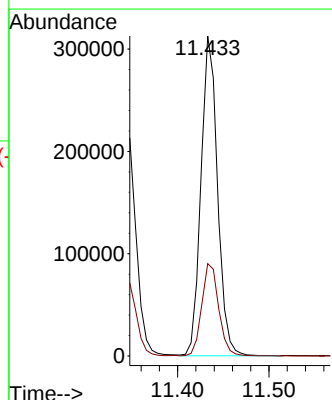
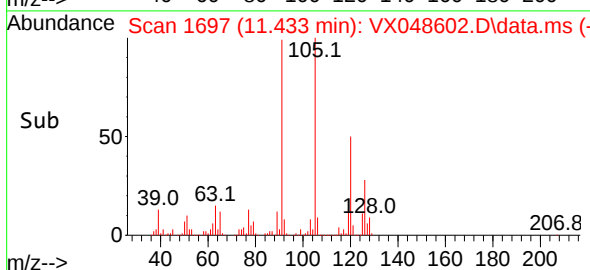
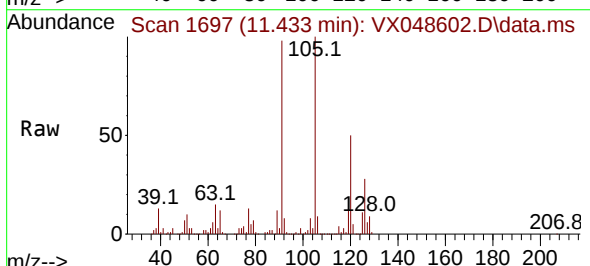
Manual Integrations
APPROVED

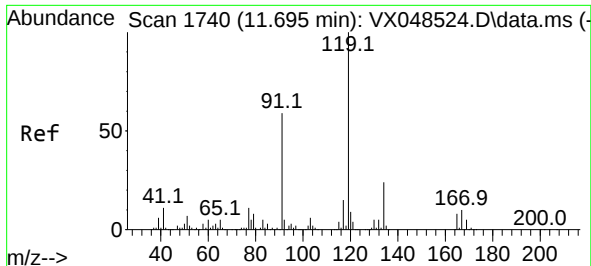
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#82
4-Chlorotoluene
Concen: 50.150 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

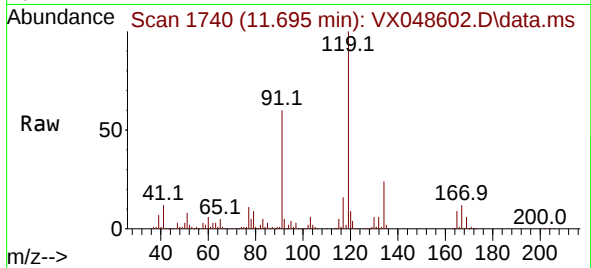
Tgt Ion: 91 Resp: 392146
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.7





#83
tert-Butylbenzene
Concen: 46.815 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

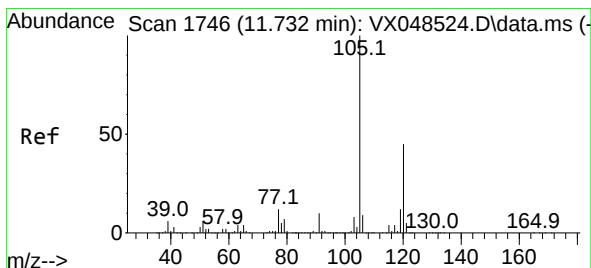
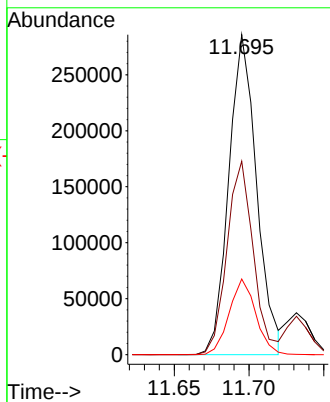
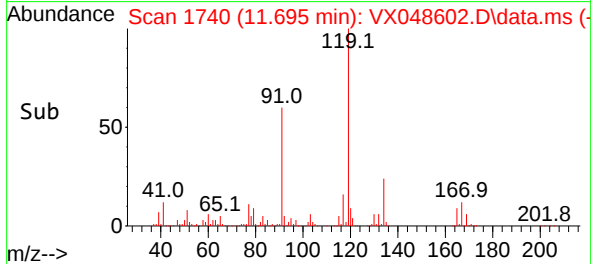
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



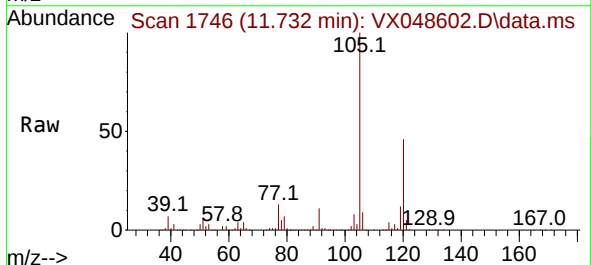
Tgt Ion:119 Resp: 370349
Ion Ratio Lower Upper
119 100
91 57.4 27.1 81.3
134 22.6 11.4 34.1

Manual Integrations
APPROVED

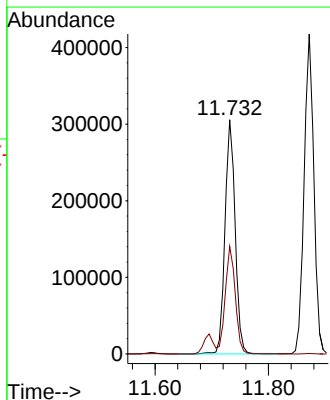
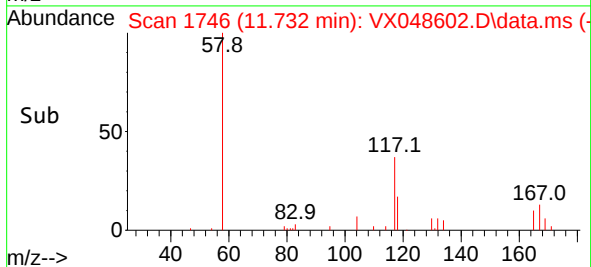
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

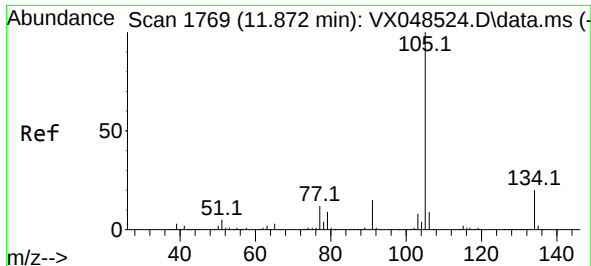


#84
1,2,4-Trimethylbenzene
Concen: 49.200 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion:105 Resp: 379678
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.0





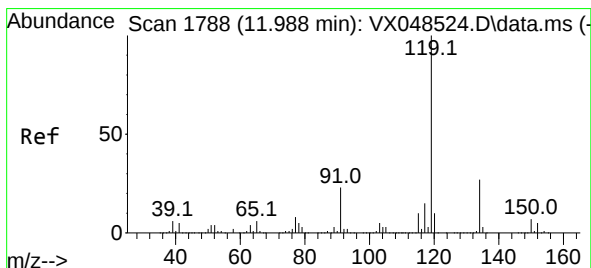
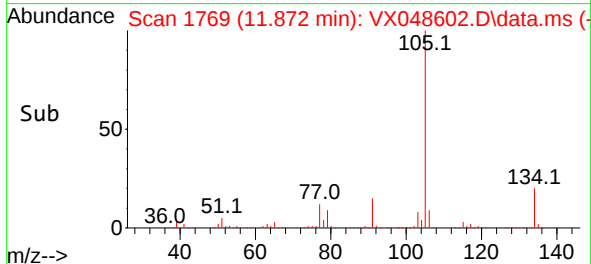
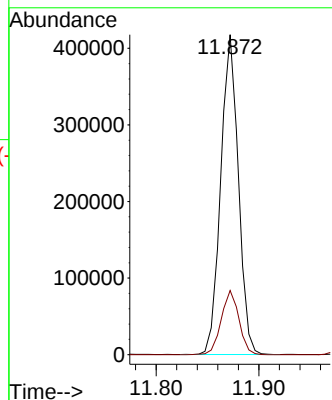
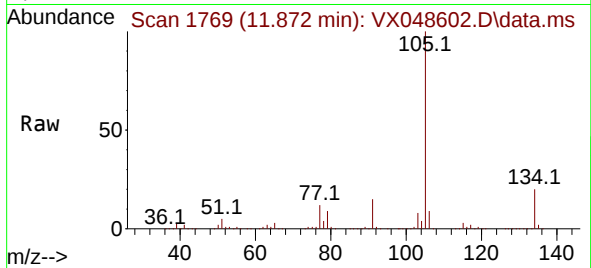
#85
 sec-Butylbenzene
 Concen: 50.706 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048602.D
 Acq: 14 Nov 2025 08:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 495769
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

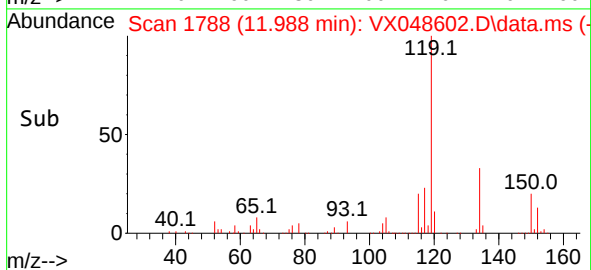
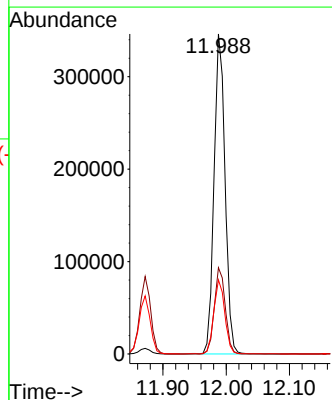
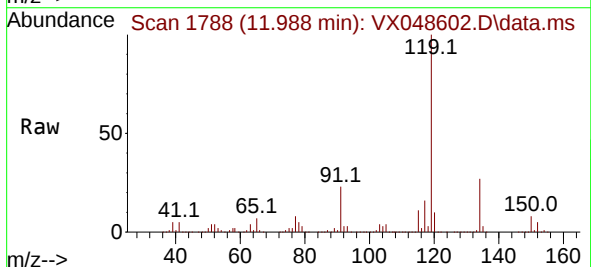
Manual Integrations
 APPROVED

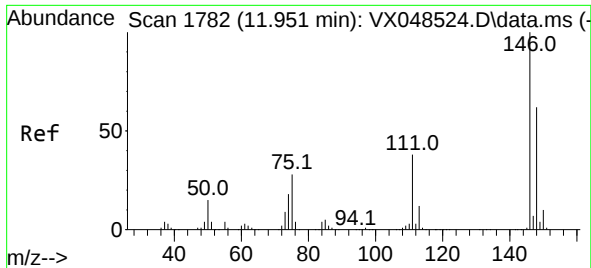
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#86
 p-Isopropyltoluene
 Concen: 51.041 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048602.D
 Acq: 14 Nov 2025 08:47

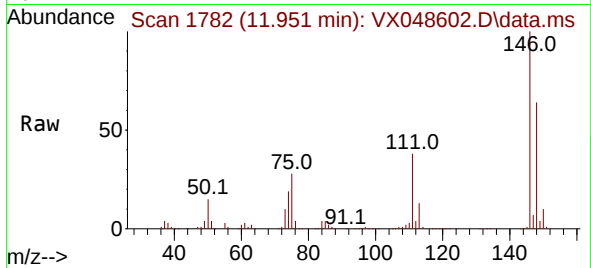
Tgt Ion:119 Resp: 419556
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 51.615 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

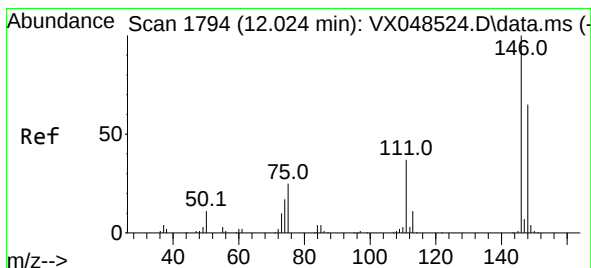
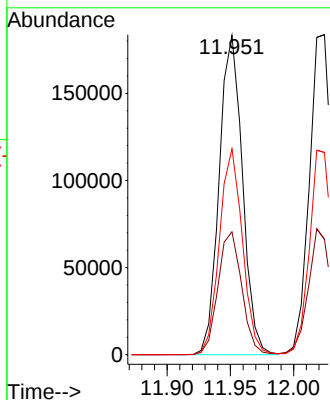
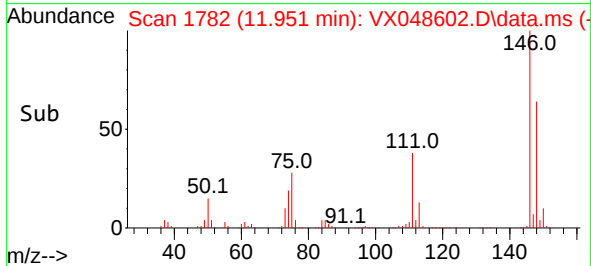
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



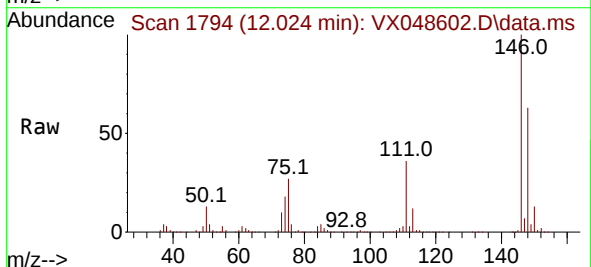
Tgt Ion:146 Resp: 234362
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 63.9 31.6 95.0

Manual Integrations
APPROVED

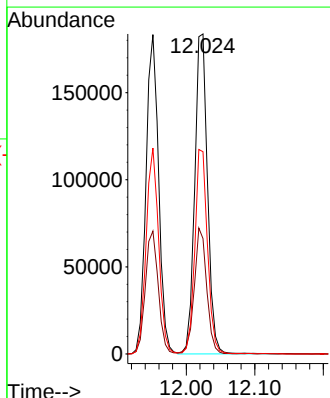
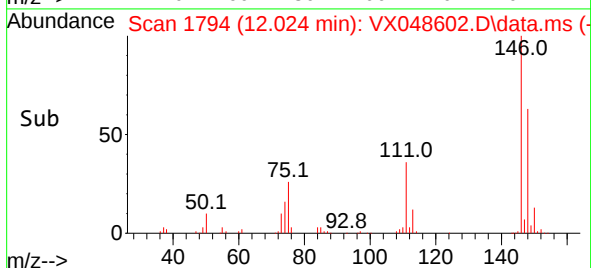
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

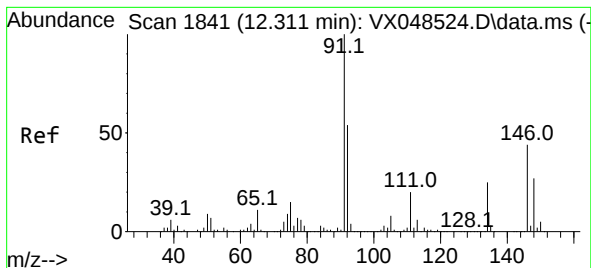


#88
1,4-Dichlorobenzene
Concen: 50.822 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



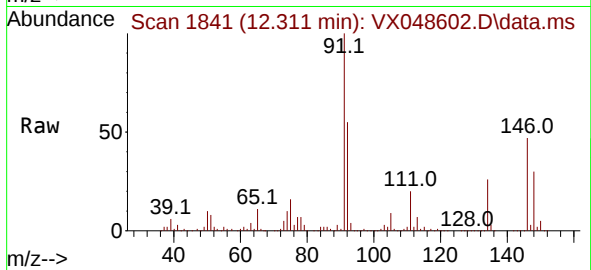
Tgt Ion:146 Resp: 238362
Ion Ratio Lower Upper
146 100
111 38.4 19.2 57.6
148 63.3 31.9 95.9





#89
n-Butylbenzene
Concen: 49.721 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

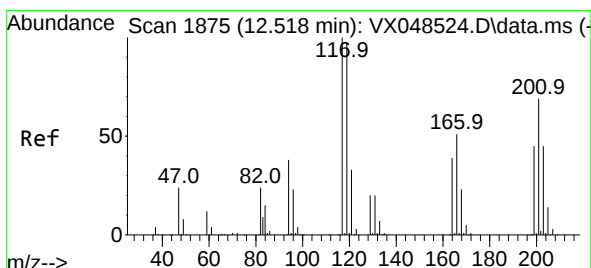
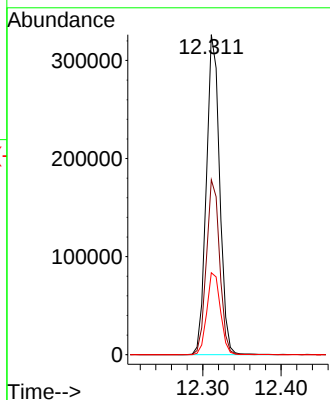
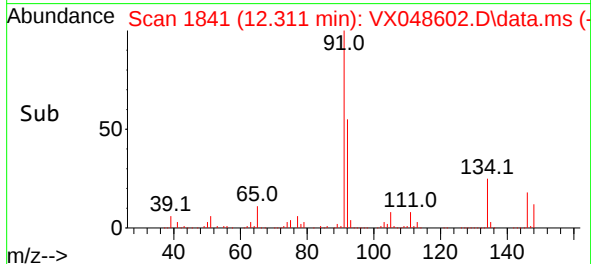
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 383409
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 26.2 13.0 39.0

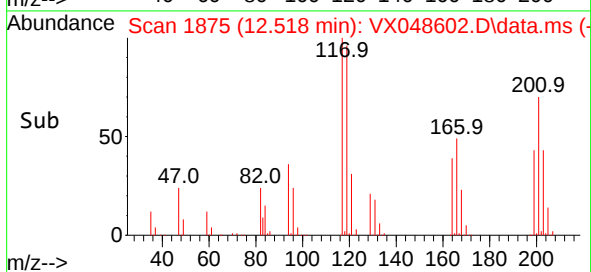
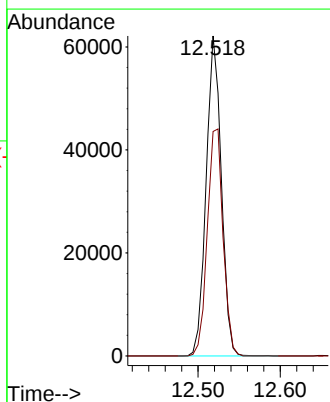
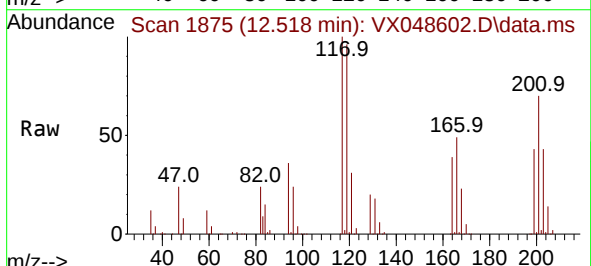
Manual Integrations
APPROVED

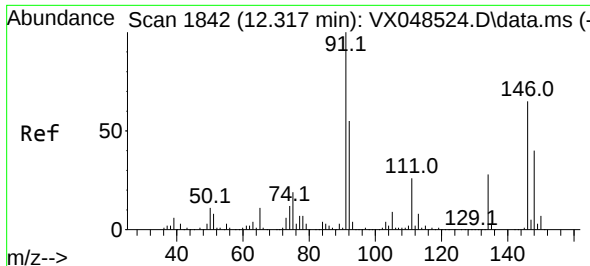
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#90
Hexachloroethane
Concen: 50.840 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

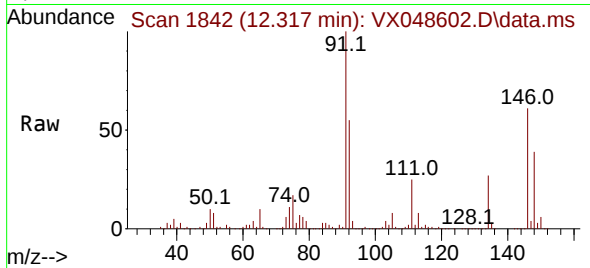
Tgt Ion:117 Resp: 79623
Ion Ratio Lower Upper
117 100
201 73.7 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 51.309 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

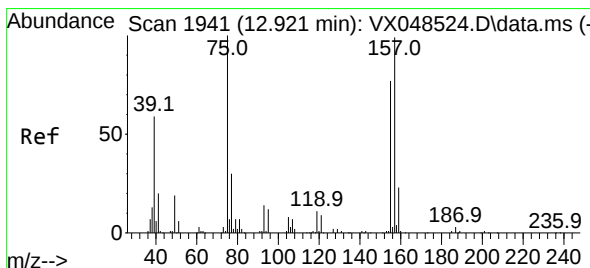
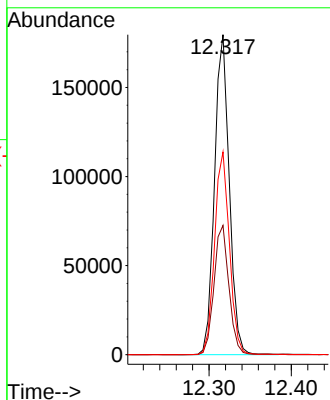
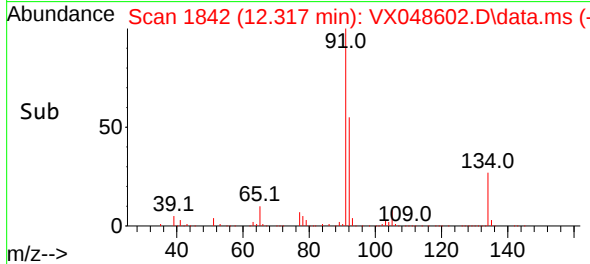
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



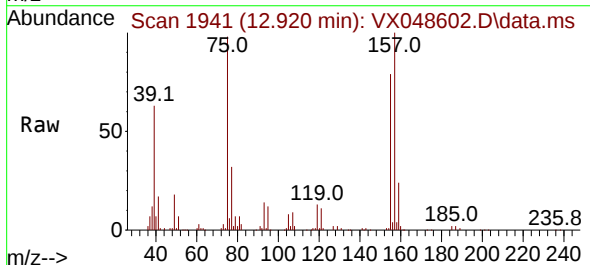
Tgt Ion:146 Resp: 22365
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 64.0 31.4 94.2

Manual Integrations
APPROVED

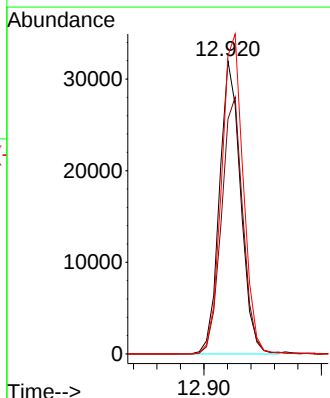
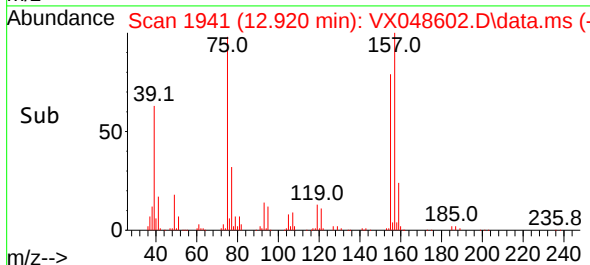
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

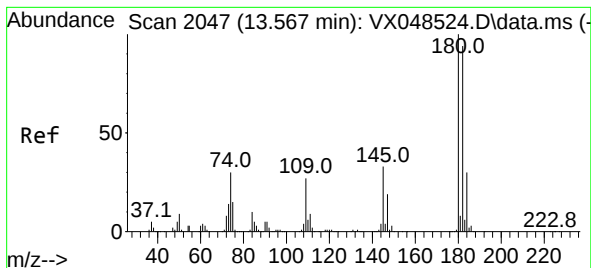


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.091 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion: 75 Resp: 40052
Ion Ratio Lower Upper
75 100
155 88.6 43.5 130.7
157 111.7 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 48.677 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

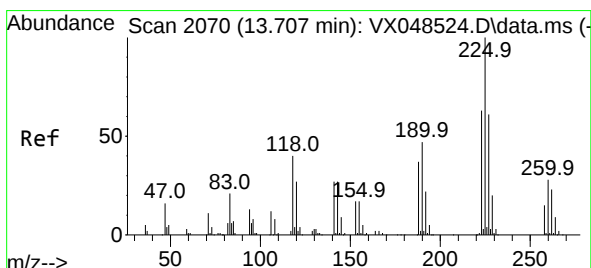
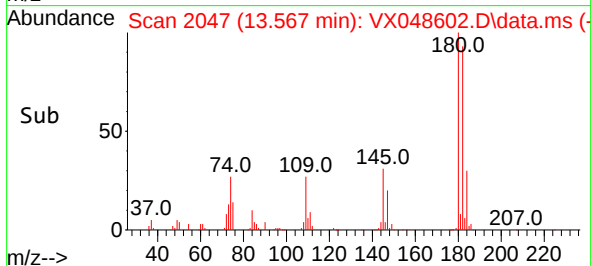
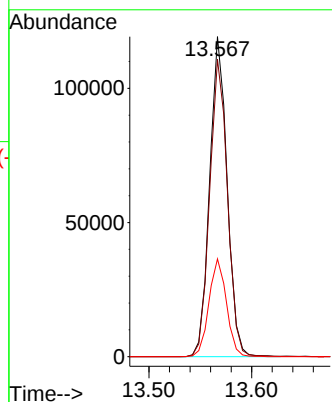
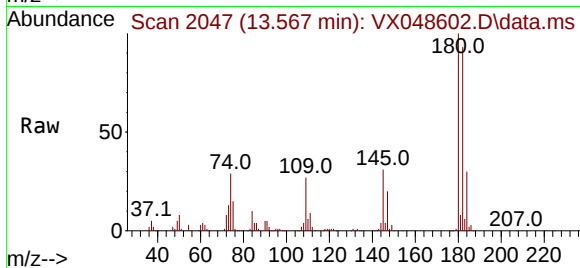
Tgt Ion:180	Resp: 14099
Ion Ratio	Lower Upper
180 100	
182 94.7	47.5 142.6
145 30.7	15.9 47.7

Manual Integrations

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Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#94

Hexachlorobutadiene

Concen: 46.175 ug/l

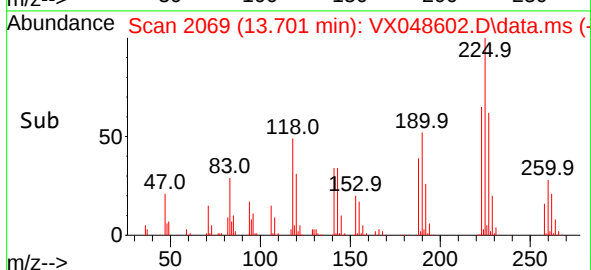
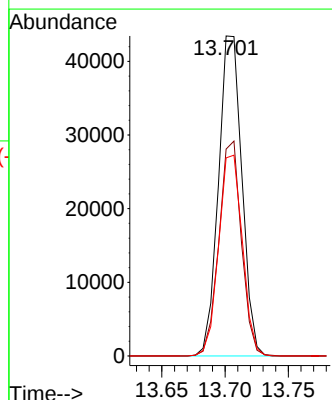
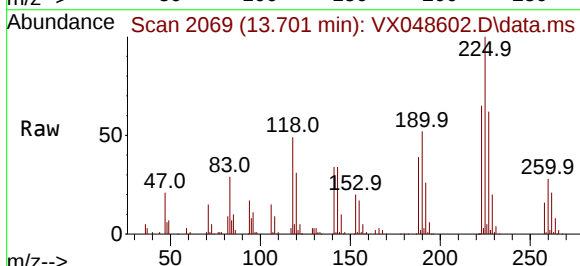
RT: 13.701 min Scan# 2069

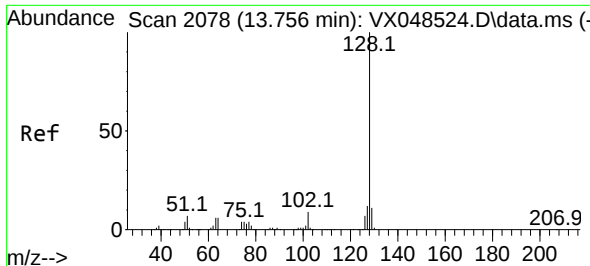
Delta R.T. -0.006 min

Lab File: VX048602.D

Acq: 14 Nov 2025 08:47

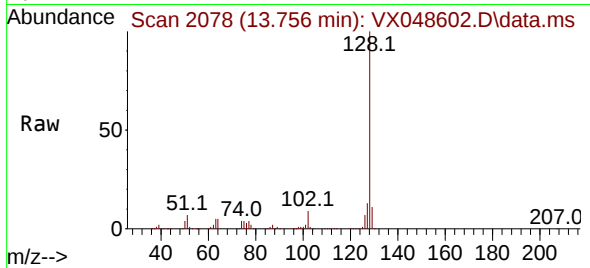
Tgt Ion:225	Resp: 55911
Ion Ratio	Lower Upper
225 100	
223 64.4	30.6 92.0
227 63.4	32.5 97.4





#95
Naphthalene
Concen: 51.225 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47

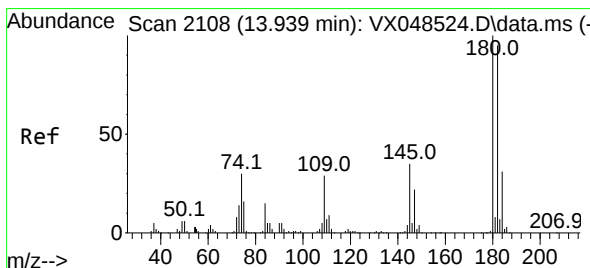
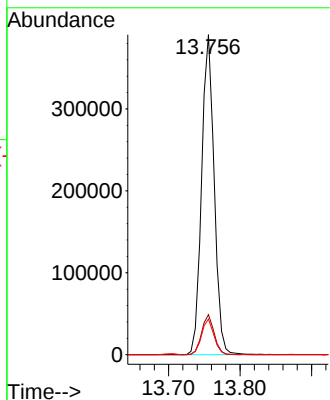
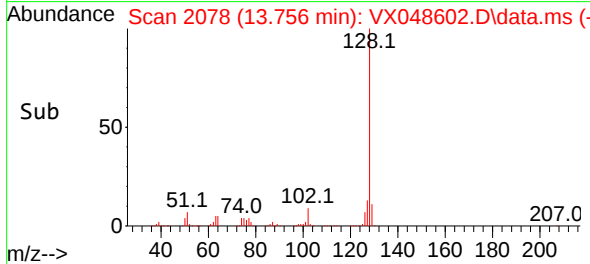
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



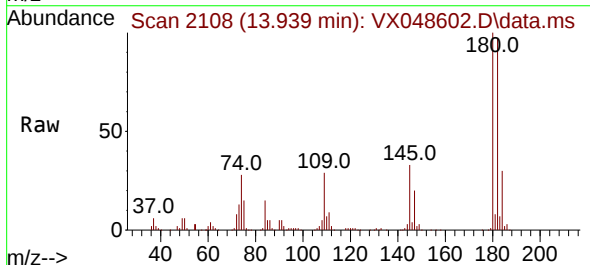
Tgt Ion:128 Resp: 47705
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.068 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048602.D
Acq: 14 Nov 2025 08:47



Tgt Ion:180 Resp: 134897
Ion Ratio Lower Upper
180 100
182 94.1 47.3 142.0
145 32.0 16.7 50.0

