

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048641.D
 Acq On : 21 Nov 2025 09:08
 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 11/24/2025
 Supervised By : Mahesh Dadoda 11/24/2025

Quant Time: Nov 21 22:06:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	165802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	262765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	125375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	117461	50.842	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.367	113	97622	49.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.628	98	325415	52.464	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.061	95	123540	53.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	69797	51.951	ug/l	97
3) Chloromethane	1.301	50	74862	42.012	ug/l	97
4) Vinyl Chloride	1.380	62	96674	47.917	ug/l	97
5) Bromomethane	1.611	94	58357	45.807	ug/l	96
6) Chloroethane	1.691	64	56183	42.522	ug/l	96
7) Trichlorofluoromethane	1.892	101	149931	46.973	ug/l	100
8) Diethyl Ether	2.130	74	54956	42.893	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	98112	53.096	ug/l	98
10) Methyl Iodide	2.453	142	130114	47.580	ug/l	100
11) Tert butyl alcohol	2.934	59	114258	260.995	ug/l	98
12) 1,1-Dichloroethene	2.319	96	89162	46.195	ug/l	96
13) Acrolein	2.233	56	14465	228.368	ug/l	91
14) Allyl chloride	2.660	41	168018	46.755	ug/l	99
15) Acrylonitrile	3.050	53	331251	259.200	ug/l	99
16) Acetone	2.367	43	228670	209.099	ug/l	99
17) Carbon Disulfide	2.514	76	223980	41.238	ug/l	99
18) Methyl Acetate	2.691	43	146761	48.833	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	348713	51.162	ug/l	99
20) Methylene Chloride	2.782	84	107242	47.698	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	97026	47.430	ug/l	97
22) Diisopropyl ether	3.745	45	357493	51.808	ug/l	95
23) Vinyl Acetate	3.709	43	1535926	254.149	ug/l	99
24) 1,1-Dichloroethane	3.599	63	183152	48.373	ug/l	99
25) 2-Butanone	4.526	43	365805	226.114	ug/l	97
26) 2,2-Dichloropropane	4.458	77	160786	49.812	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	111643	44.648	ug/l	94
28) Bromochloromethane	4.879	49	87502	47.044	ug/l	97
29) Tetrahydrofuran	4.977	42	261645	226.760	ug/l	99
30) Chloroform	5.074	83	190100	48.634	ug/l	96
31) Cyclohexane	5.452	56	142771	46.021	ug/l	100
32) 1,1,1-Trichloroethane	5.367	97	170121	49.870	ug/l	99
36) 1,1-Dichloropropene	5.672	75	121610	45.666	ug/l	99
37) Ethyl Acetate	4.684	43	160025	42.689	ug/l	96
38) Carbon Tetrachloride	5.660	117	147713	48.727	ug/l	98
39) Methylcyclohexane	7.360	83	147285	49.257	ug/l	99
40) Benzene	6.019	78	371515	45.005	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	81982	49.730	ug/l	95
42) 1,2-Dichloroethane	6.062	62	142161	50.263	ug/l	97
43) Isopropyl Acetate	6.318	43	251531	47.734	ug/l	99
44) Trichloroethene	7.104	130	95926	48.616	ug/l	90
45) 1,2-Dichloropropane	7.409	63	95294	50.206	ug/l	95
46) Dibromomethane	7.562	93	72982	52.719	ug/l	97
47) Bromodichloromethane	7.799	83	152885	55.358	ug/l	98
48) Methyl methacrylate	7.671	41	124745	53.254	ug/l	95
49) 1,4-Dioxane	7.641	88	41733	1169.221	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	830144	276.759	ug/l	99
52) Toluene	8.702	92	235955	54.292	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	155065	54.490	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	161344	54.755	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	97896	56.379	ug/l	98
56) Ethyl methacrylate	9.098	69	163057	56.443	ug/l	96
57) 1,3-Dichloropropane	9.293	76	163380	54.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	440769	283.789	ug/l	99
59) 2-Hexanone	9.409	43	607109	272.098	ug/l	98
60) Dibromochloromethane	9.500	129	121704	57.087	ug/l	98
61) 1,2-Dibromoethane	9.592	107	103217	54.883	ug/l	100
64) Tetrachloroethene	9.256	164	80887	47.209	ug/l	94
65) Chlorobenzene	10.061	112	267037	47.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	97653	52.052	ug/l	99
67) Ethyl Benzene	10.177	91	455038	48.397	ug/l	98
68) m/p-Xylenes	10.281	106	349467	98.689	ug/l	97
69) o-Xylene	10.622	106	170714	49.274	ug/l	100
70) Styrene	10.634	104	292981	50.411	ug/l	99
71) Bromoform	10.781	173	86299	49.860	ug/l #	99
73) Isopropylbenzene	10.945	105	449572	49.401	ug/l	99
74) N-amyl acetate	10.823	43	212984	46.610	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	150331	46.842	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	144332m	47.785	ug/l	
77) Bromobenzene	11.177	156	111069	47.264	ug/l	99
78) n-propylbenzene	11.287	91	527451	49.291	ug/l	100
79) 2-Chlorotoluene	11.348	91	312507	48.330	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	365358	49.247	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	51625	48.888	ug/l #	79
82) 4-Chlorotoluene	11.433	91	368235	48.549	ug/l	100
83) tert-Butylbenzene	11.695	119	376969	49.127	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	368114	49.177	ug/l	99
85) sec-Butylbenzene	11.872	105	473697	49.947	ug/l	100
86) p-Isopropyltoluene	11.988	119	399435	50.096	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	205748	46.714	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	210178	46.200	ug/l	100
89) n-Butylbenzene	12.311	91	373206	49.895	ug/l	100
90) Hexachloroethane	12.518	117	74749	49.205	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	200374	47.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	35521	47.628	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	130455	46.431	ug/l	100
94) Hexachlorobutadiene	13.707	225	59503	50.662	ug/l	98
95) Naphthalene	13.756	128	475597	52.649	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	127205	48.674	ug/l	99

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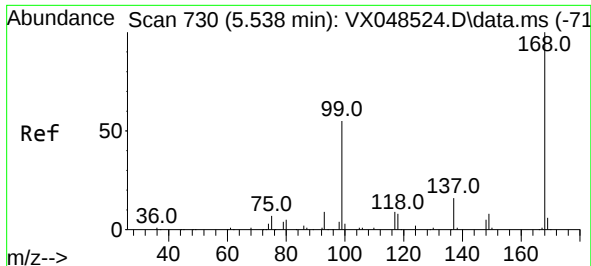
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

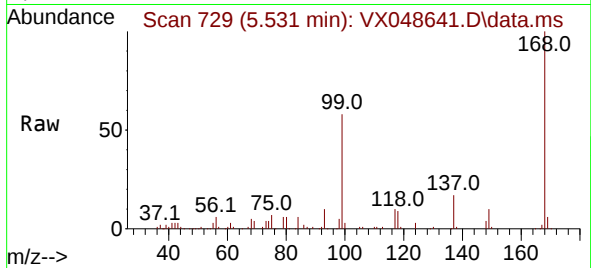
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

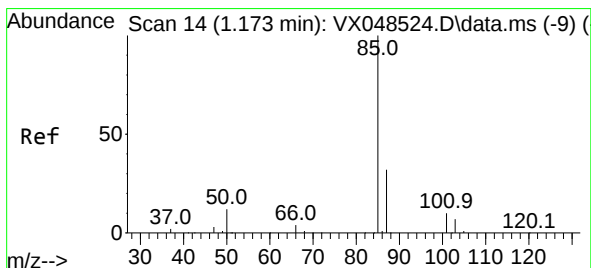
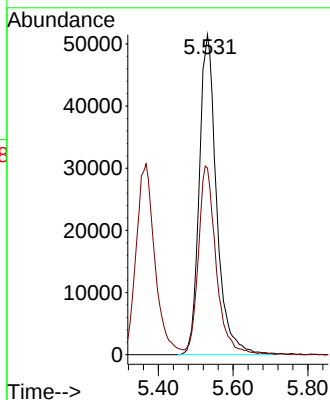
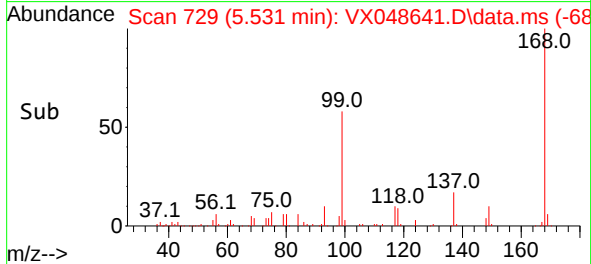
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 16580
Ion Ratio Lower Upper
168 100
99 58.1 45.2 67.8

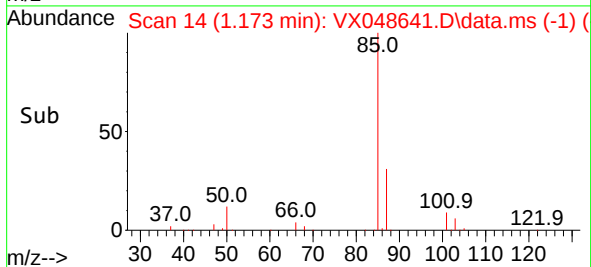
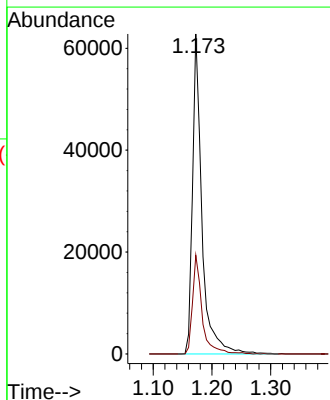
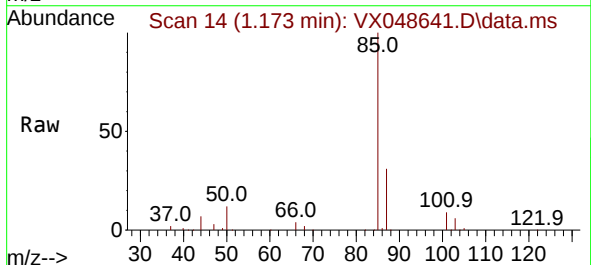
Manual Integrations
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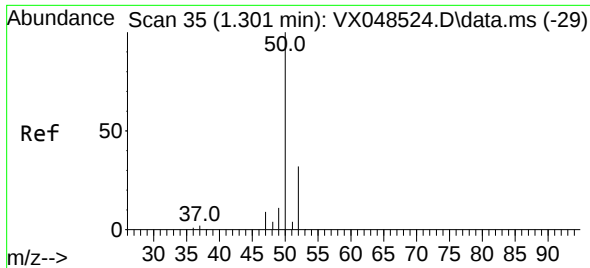
Reviewed By :John Carlone 11/24/2025
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#2
Dichlorodifluoromethane
Concen: 51.951 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

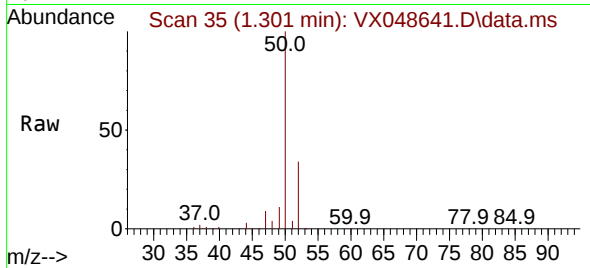
Tgt Ion: 85 Resp: 69797
Ion Ratio Lower Upper
85 100
87 30.9 16.2 48.6





#3
Chloromethane
Concen: 42.012 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

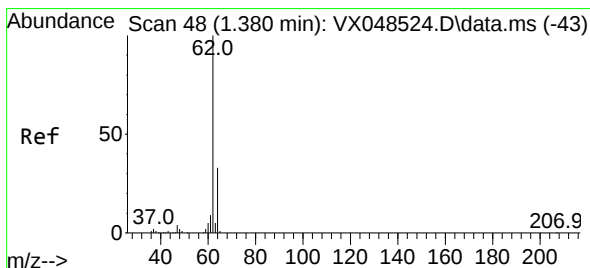
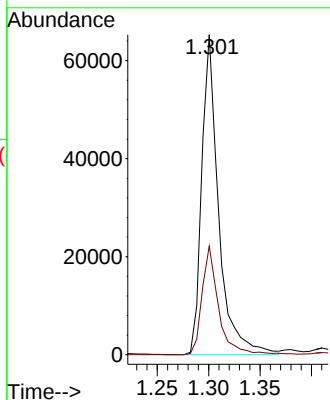
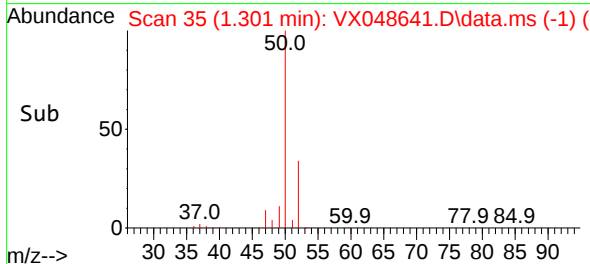
Instrument :
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VSTDCCC050



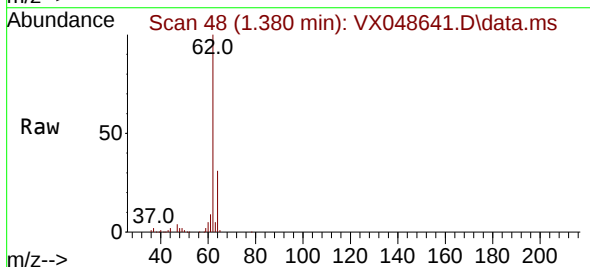
Tgt Ion: 50 Resp: 74862
Ion Ratio Lower Upper
50 100
52 34.0 26.0 39.0

Manual Integrations
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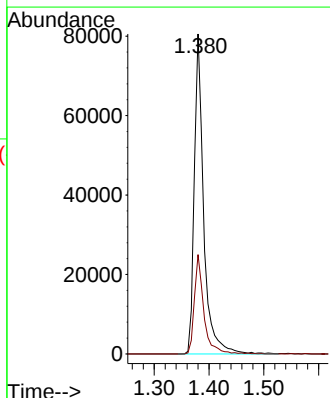
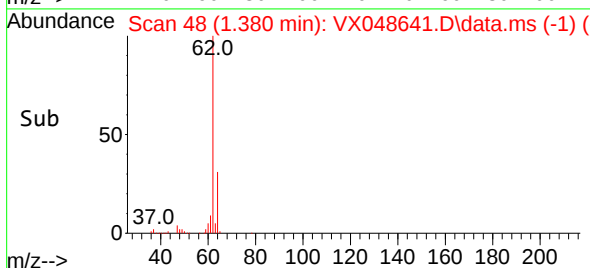
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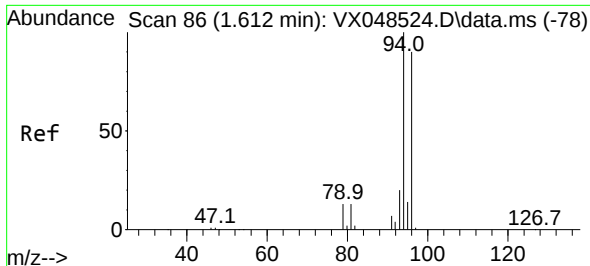


#4
Vinyl Chloride
Concen: 47.917 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



Tgt Ion: 62 Resp: 96674
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.4





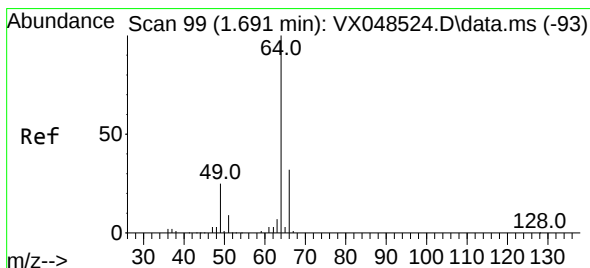
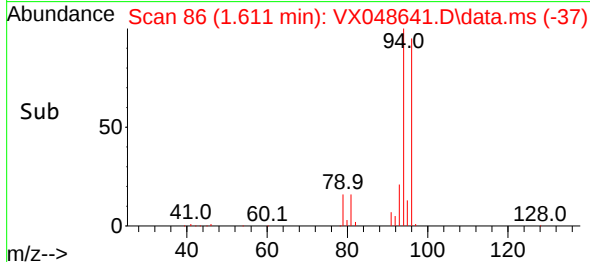
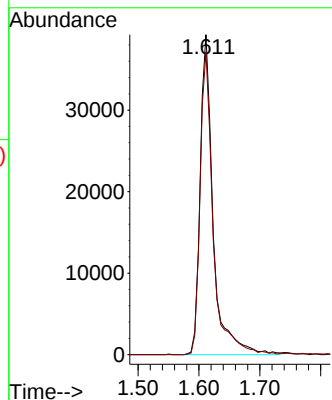
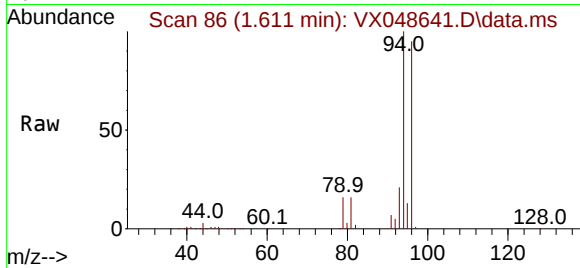
#5
Bromomethane
Concen: 45.807 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
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Tgt Ion: 94 Resp: 5835
Ion Ratio Lower Upper
94 100
96 94.6 72.3 108.5

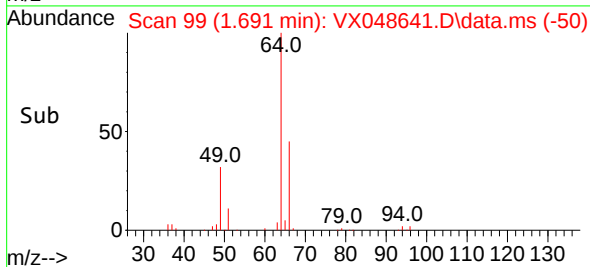
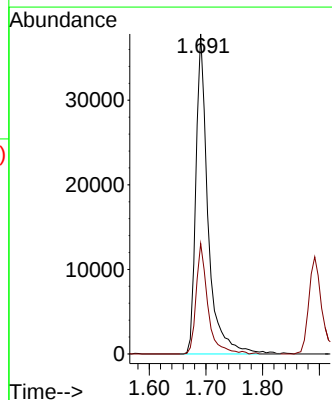
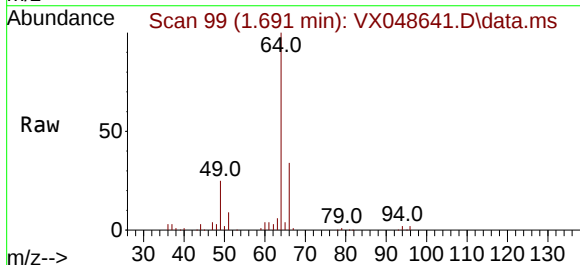
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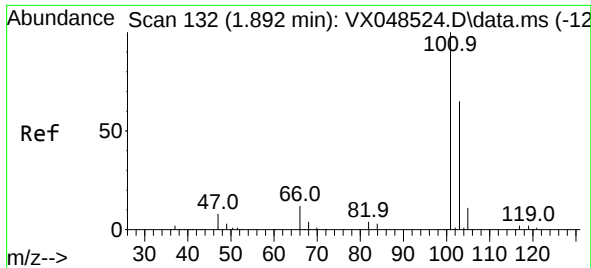
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#6
Chloroethane
Concen: 42.522 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048641.D
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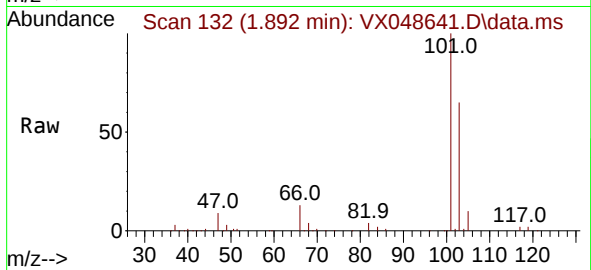
Tgt Ion: 64 Resp: 56183
Ion Ratio Lower Upper
64 100
66 34.5 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 46.973 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048641.D
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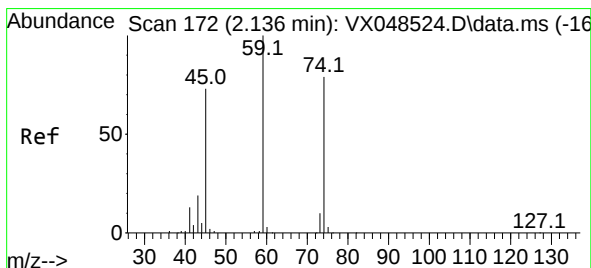
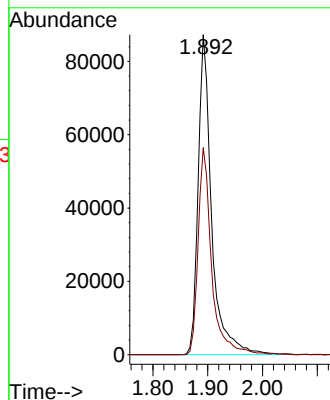
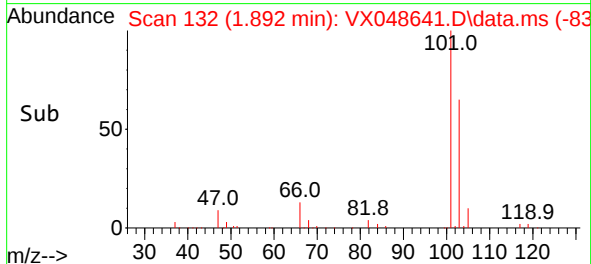
Instrument :
 MSVOA_X
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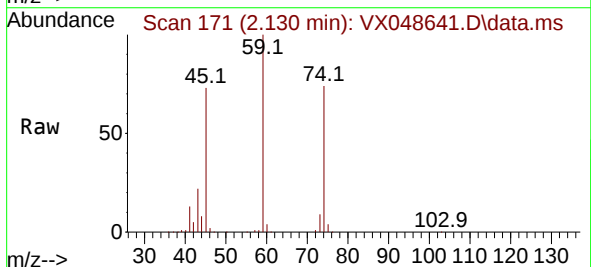
Tgt Ion:101 Resp: 14993
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5

Manual Integrations
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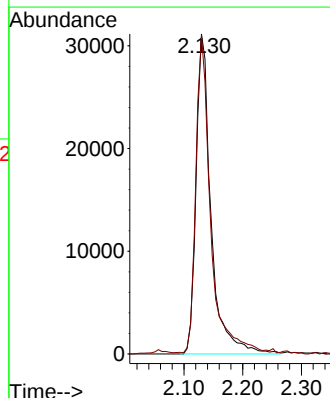
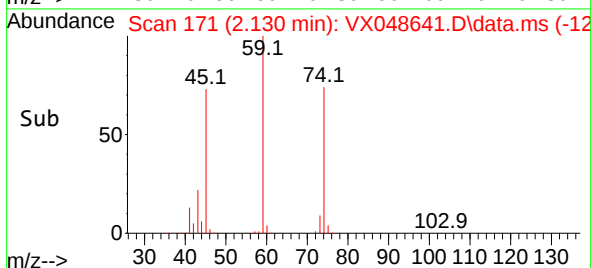
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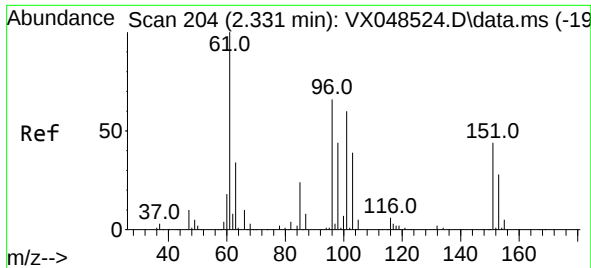


#8
 Diethyl Ether
 Concen: 42.893 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 54956
 Ion Ratio Lower Upper
 74 100
 45 97.3 45.9 137.6





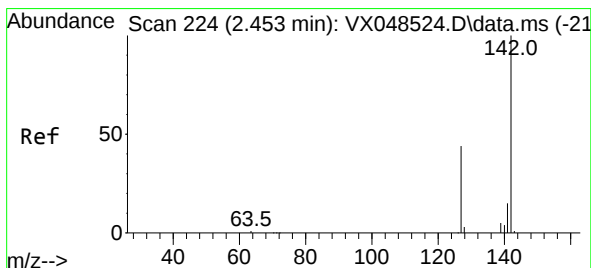
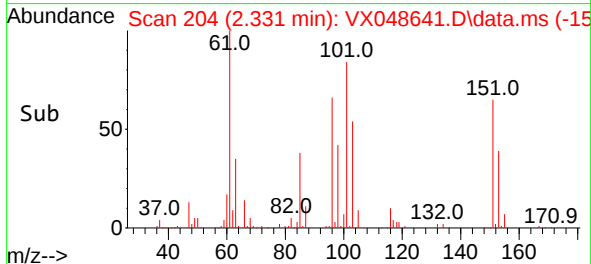
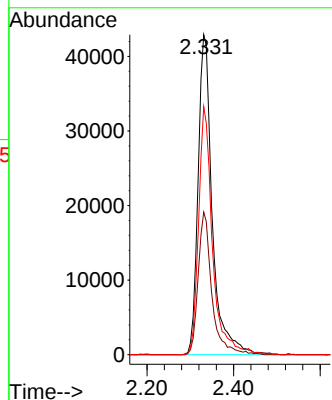
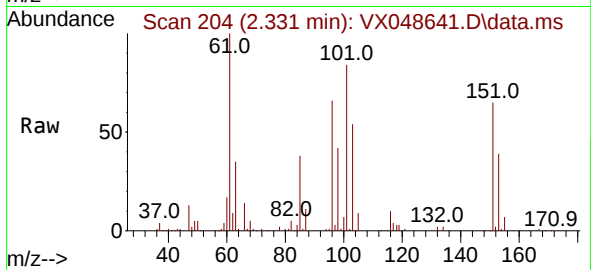
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.096 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9811
Ion Ratio Lower Upper
101 100
85 42.8 34.3 51.5
151 76.0 63.1 94.7

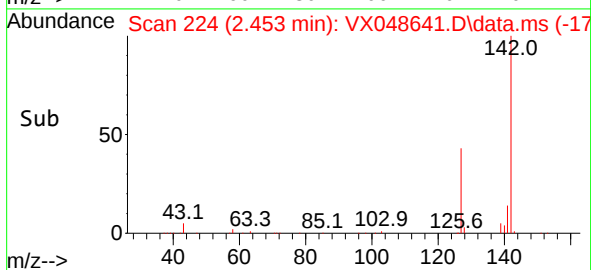
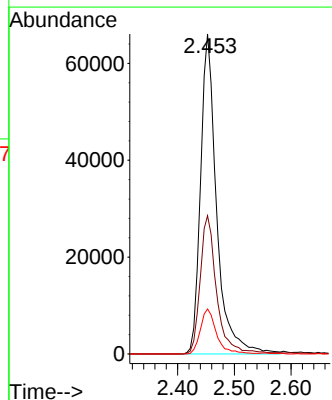
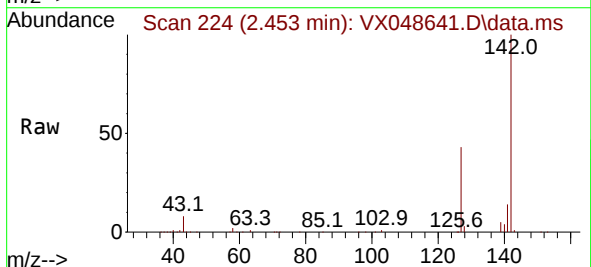
Manual Integrations
APPROVED

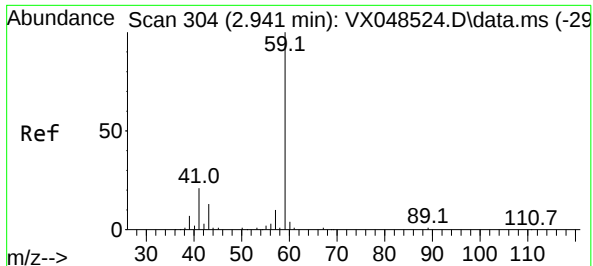
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#10
Methyl Iodide
Concen: 47.580 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

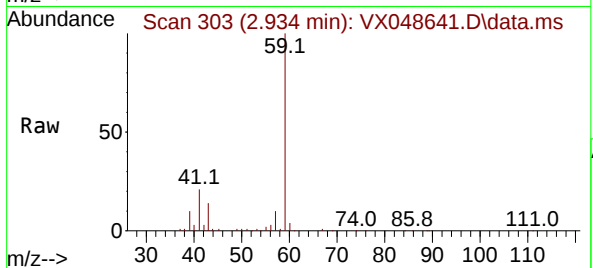
Tgt Ion:142 Resp: 130114
Ion Ratio Lower Upper
142 100
127 44.4 35.8 53.6
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 260.995 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

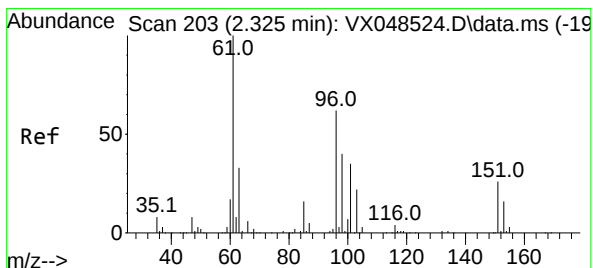
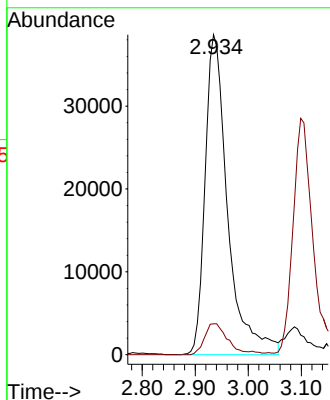
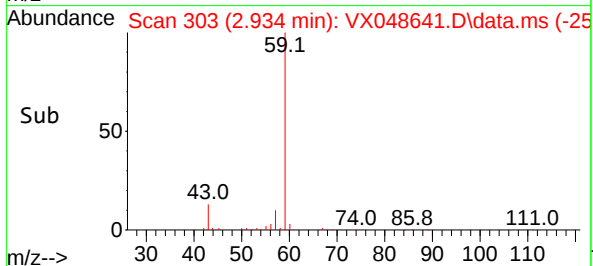
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



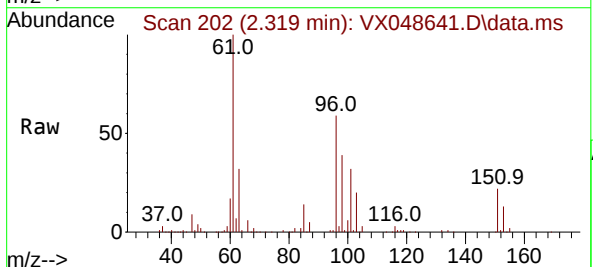
Tgt Ion: 59 Resp: 114258
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

Manual Integrations
APPROVED

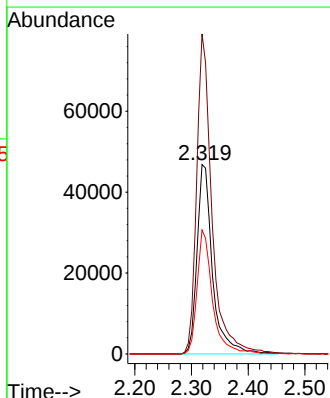
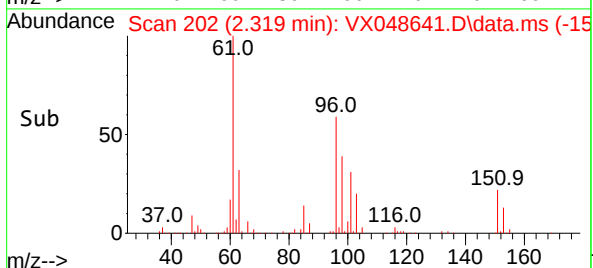
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

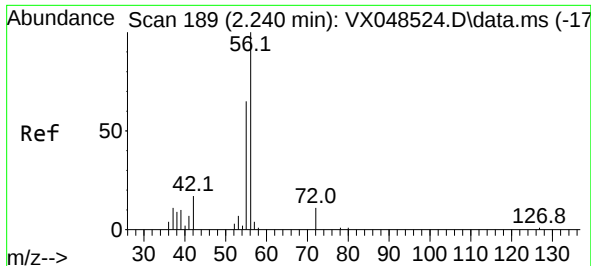


#12
1,1-Dichloroethene
Concen: 46.195 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



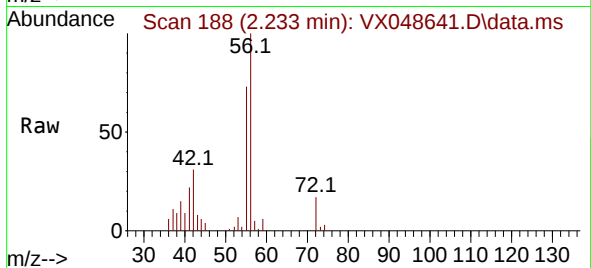
Tgt Ion: 96 Resp: 89162
Ion Ratio Lower Upper
96 100
61 168.9 129.8 194.6
98 65.5 52.3 78.5





#13
Acrolein
Concen: 228.368 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

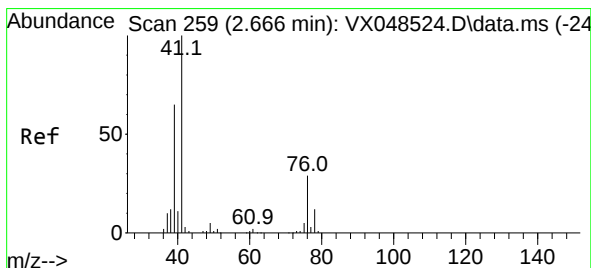
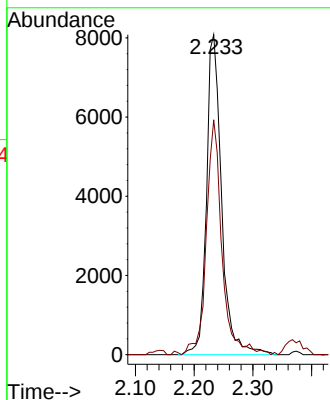
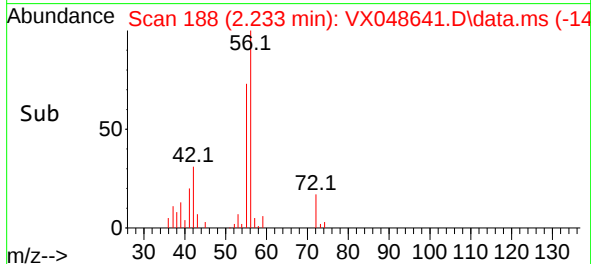
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 1446
Ion Ratio Lower Upper
56 100
55 75.5 54.9 82.3

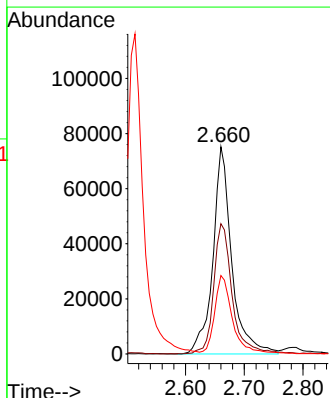
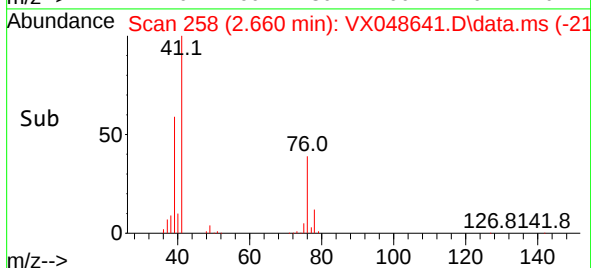
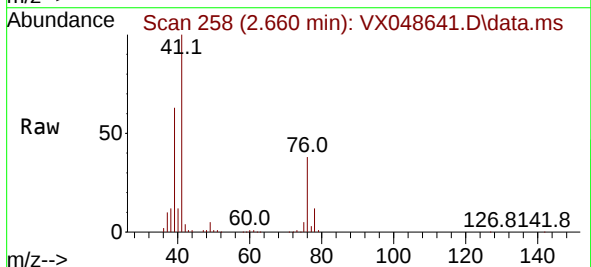
Manual Integrations
APPROVED

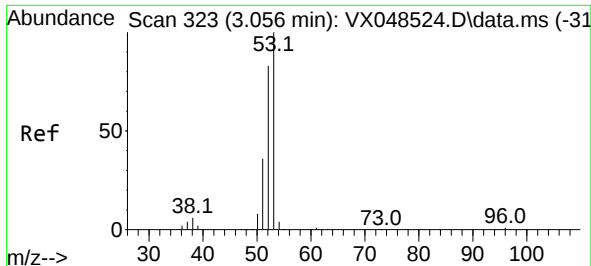
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#14
Allyl chloride
Concen: 46.755 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

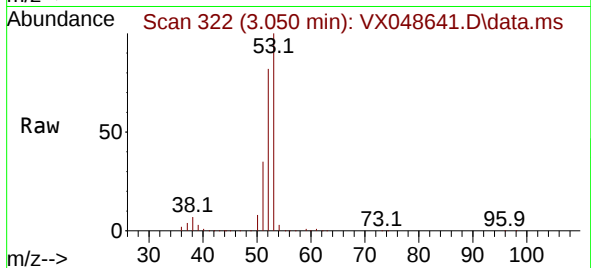
Tgt Ion: 41 Resp: 168018
Ion Ratio Lower Upper
41 100
39 61.4 48.6 73.0
76 35.5 27.7 41.5





#15
Acrylonitrile
Concen: 259.200 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

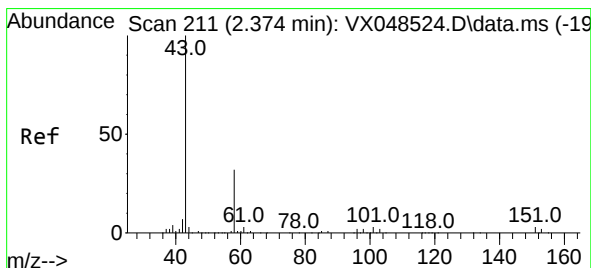
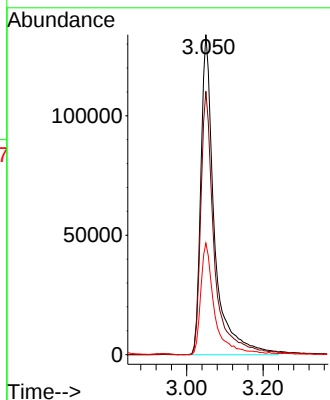
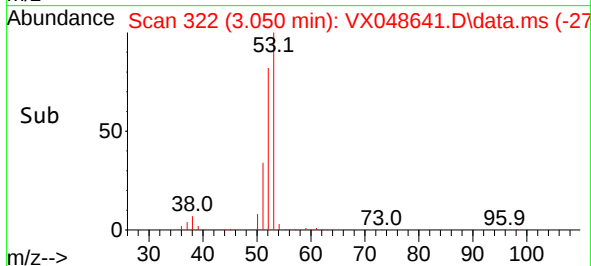
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



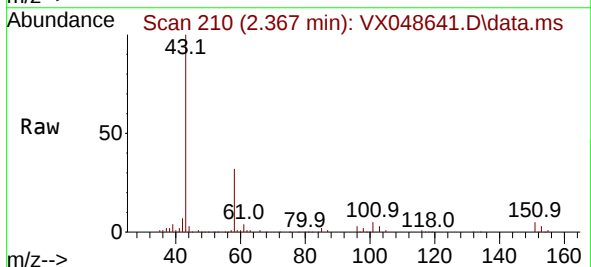
Tgt Ion: 53 Resp: 33125
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.5 27.8 41.6

Manual Integrations
APPROVED

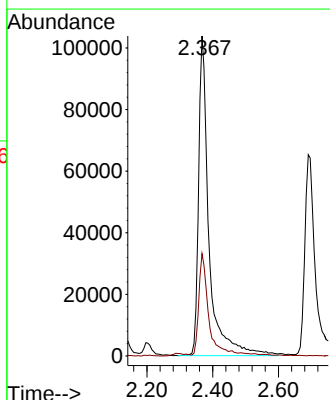
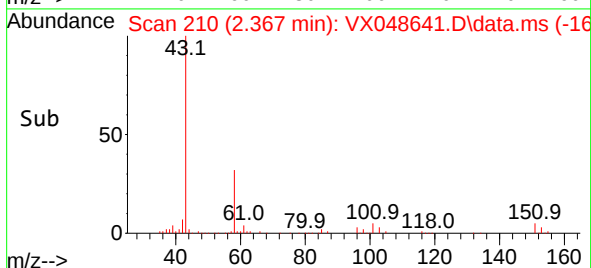
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

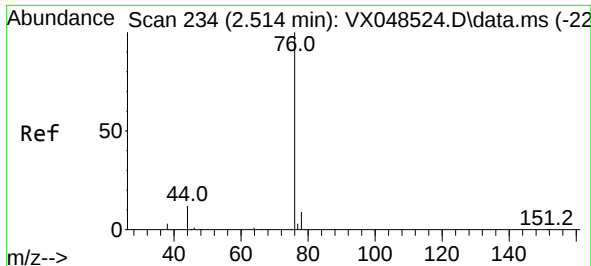


#16
Acetone
Concen: 209.099 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



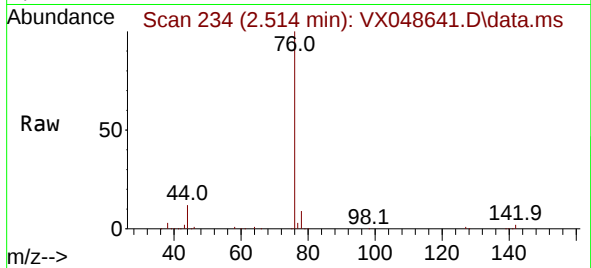
Tgt Ion: 43 Resp: 228670
Ion Ratio Lower Upper
43 100
58 31.7 25.8 38.6





#17
Carbon Disulfide
Concen: 41.238 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

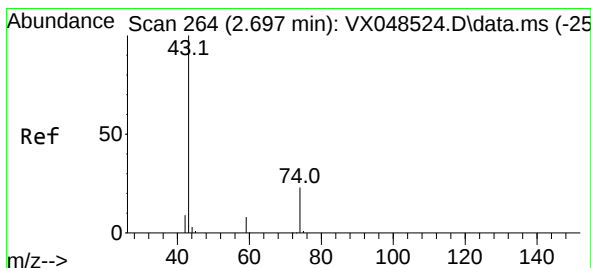
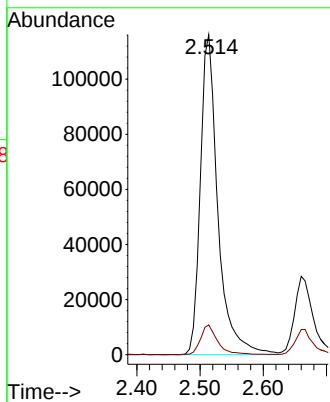
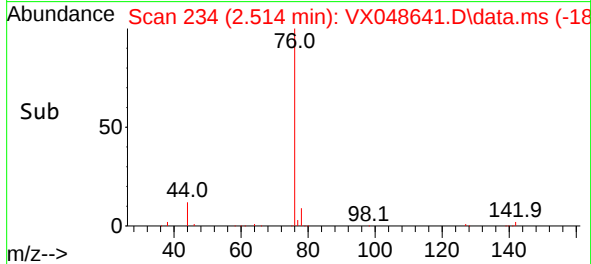
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



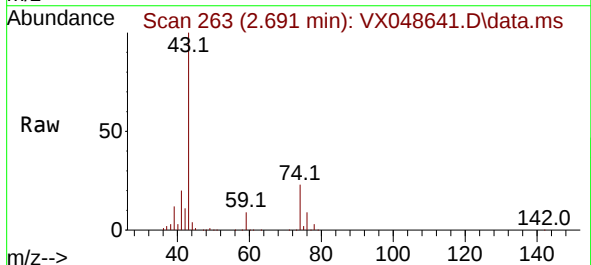
Tgt Ion: 76 Resp: 223980
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

Manual Integrations
APPROVED

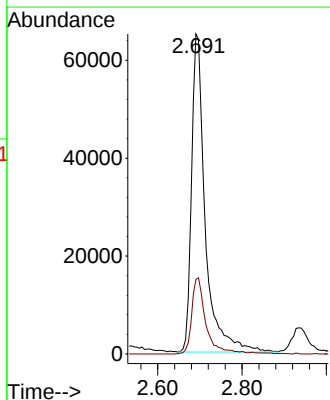
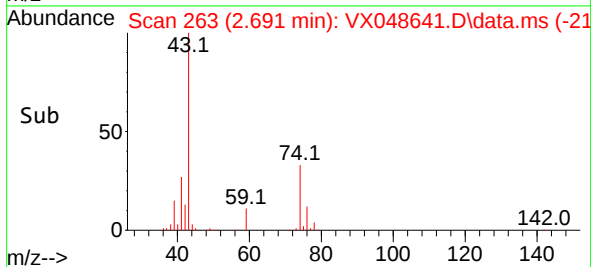
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

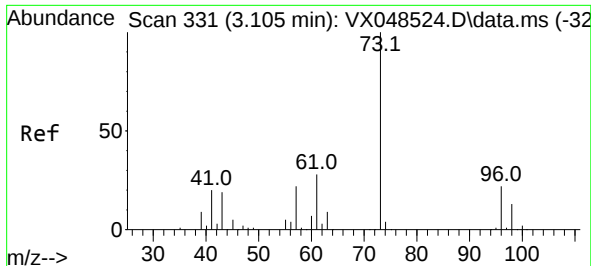


#18
Methyl Acetate
Concen: 48.833 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



Tgt Ion: 43 Resp: 146761
Ion Ratio Lower Upper
43 100
74 24.6 19.1 28.7





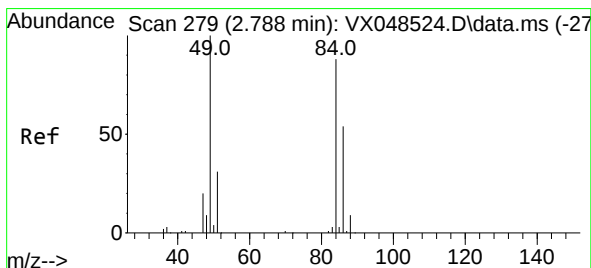
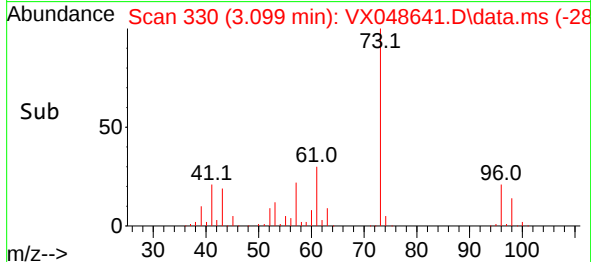
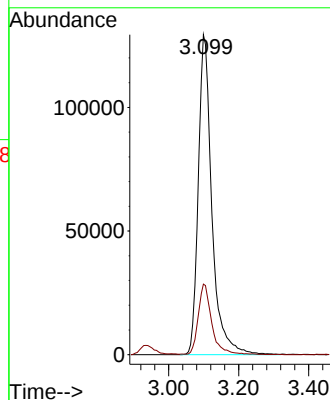
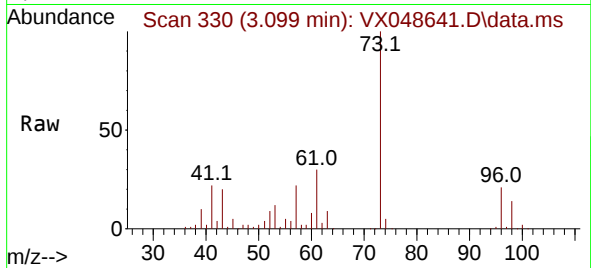
#19
Methyl tert-butyl Ether
Concen: 51.162 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 34871
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

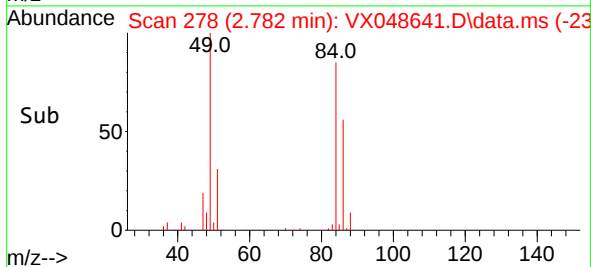
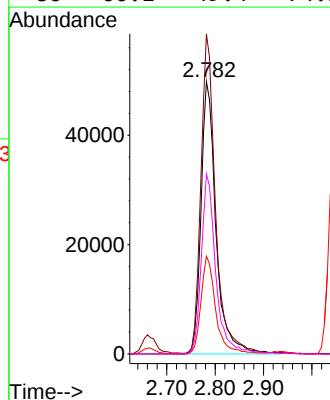
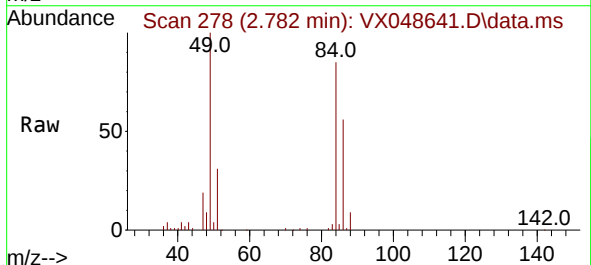
Manual Integrations
APPROVED

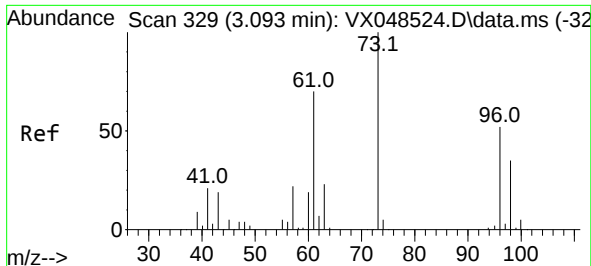
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#20
Methylene Chloride
Concen: 47.698 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

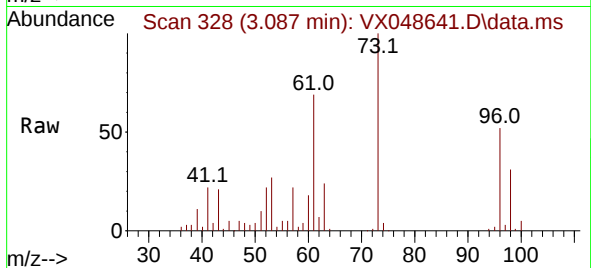
Tgt Ion: 84 Resp: 107242
Ion Ratio Lower Upper
84 100
49 117.1 91.2 136.8
51 35.9 28.3 42.5
86 66.1 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 47.430 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

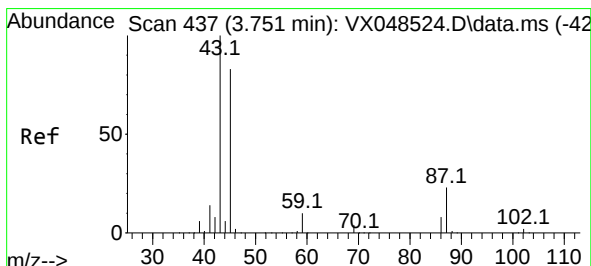
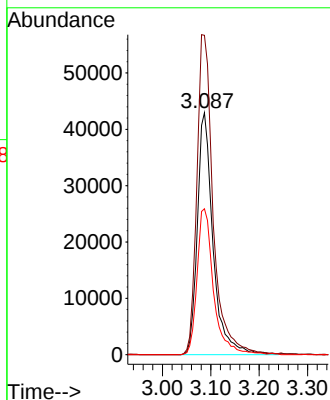
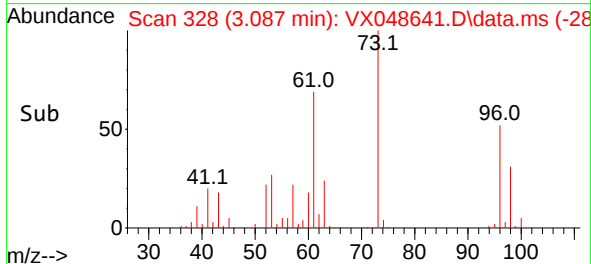
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



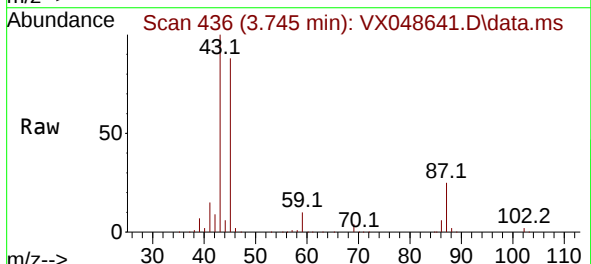
Tgt Ion: 96 Resp: 97020
Ion Ratio Lower Upper
96 100
61 132.0 106.7 160.1
98 60.3 52.7 79.1

Manual Integrations
APPROVED

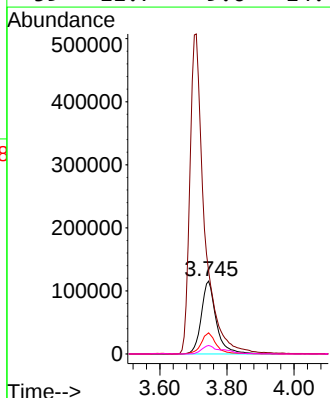
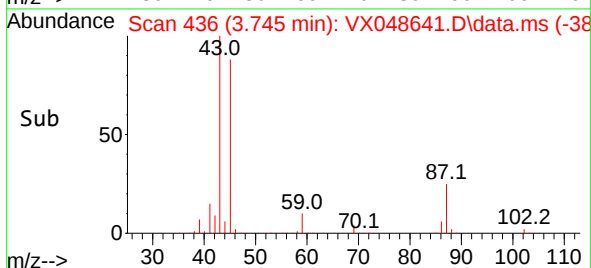
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

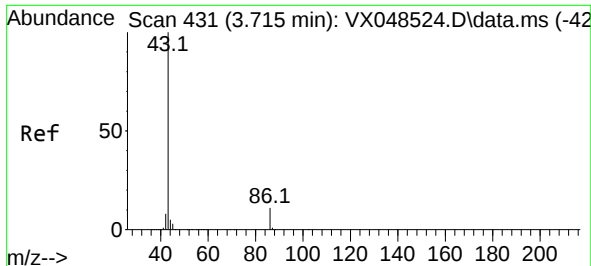


#22
Diisopropyl ether
Concen: 51.808 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



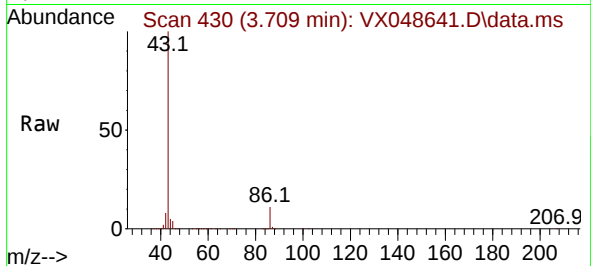
Tgt Ion: 45 Resp: 357493
Ion Ratio Lower Upper
45 100
43 114.1 96.4 144.6
87 28.9 21.8 32.6
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 254.149 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048641.D
 Acq: 21 Nov 2025 09:08

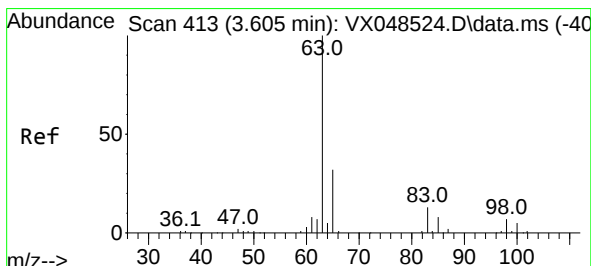
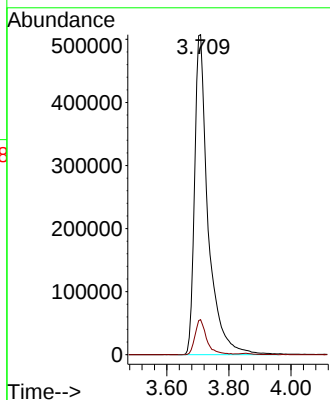
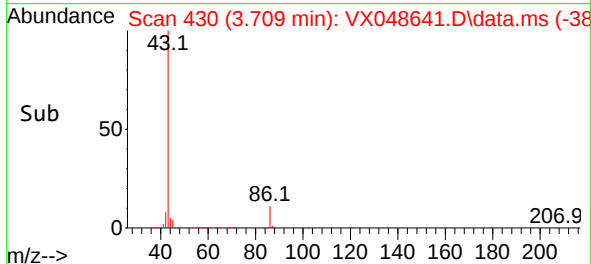
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



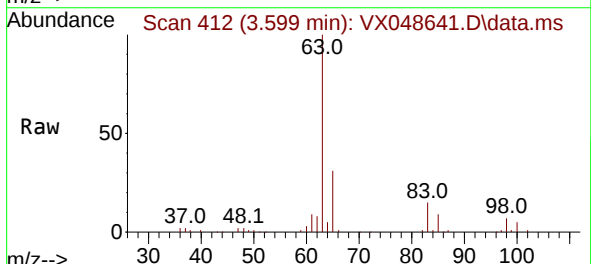
Tgt Ion: 43 Resp: 1535920
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6

Manual Integrations
 APPROVED

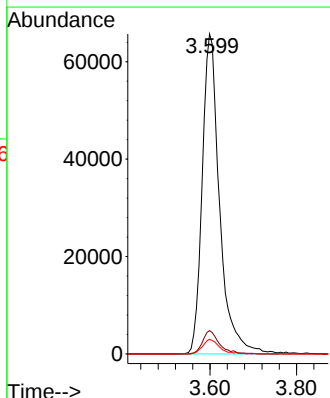
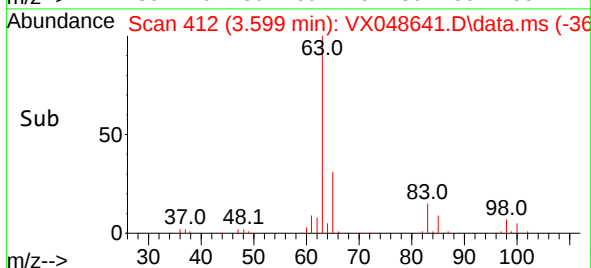
Reviewed By :John Carlone 11/24/2025
 Supervised By :Mahesh Dadoda 11/24/2025

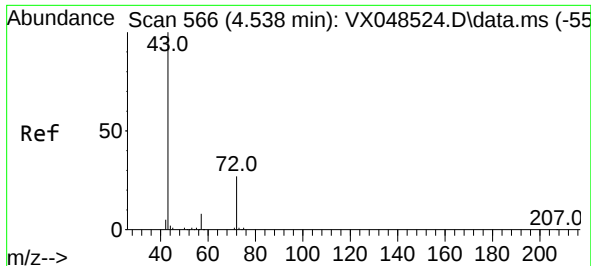


#24
 1,1-Dichloroethane
 Concen: 48.373 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048641.D
 Acq: 21 Nov 2025 09:08



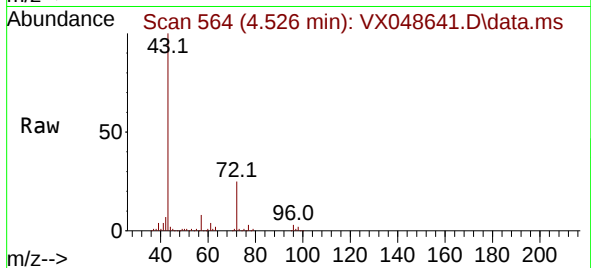
Tgt Ion: 63 Resp: 183152
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 226.114 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

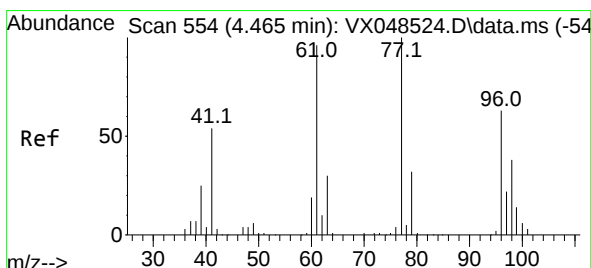
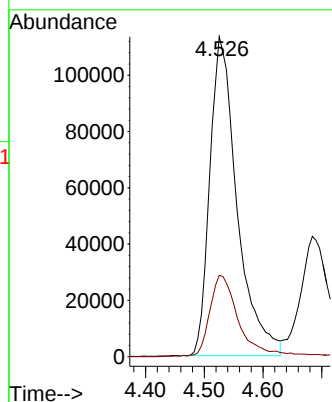
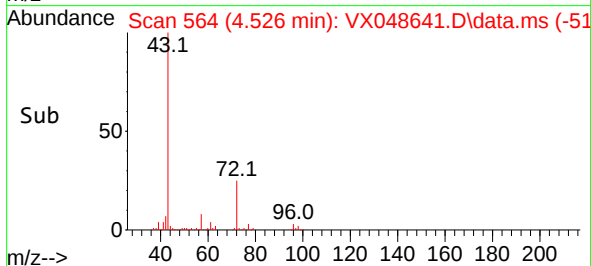
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36580
Ion Ratio Lower Upper
43 100
72 25.3 21.5 32.3

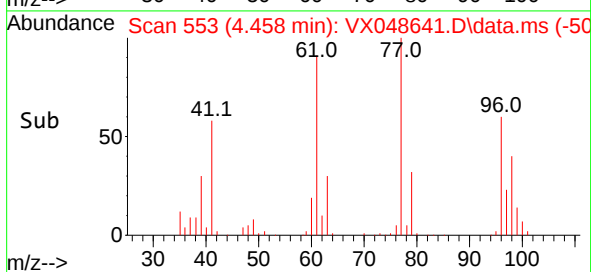
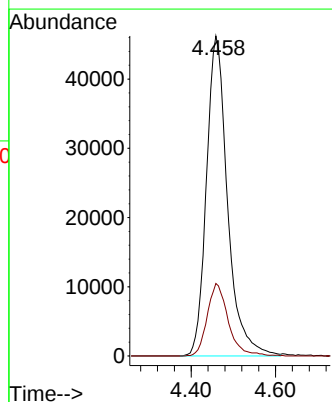
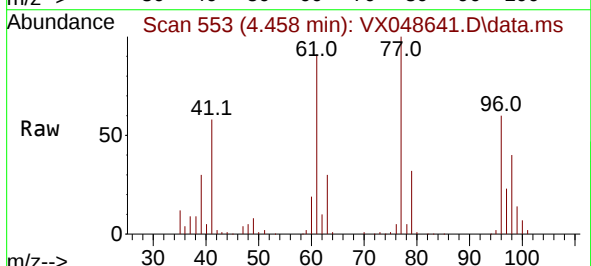
Manual Integrations
APPROVED

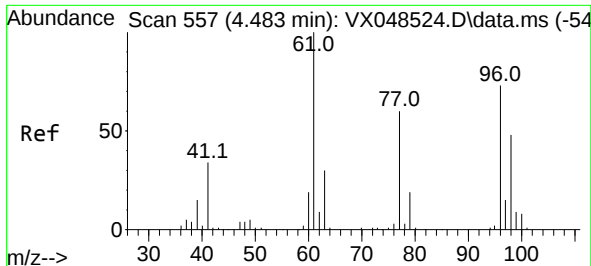
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#26
2,2-Dichloropropane
Concen: 49.812 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 77 Resp: 160786
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 44.648 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11164

Ion Ratio Lower Upper

96 100

61 148.2 0.0 279.6

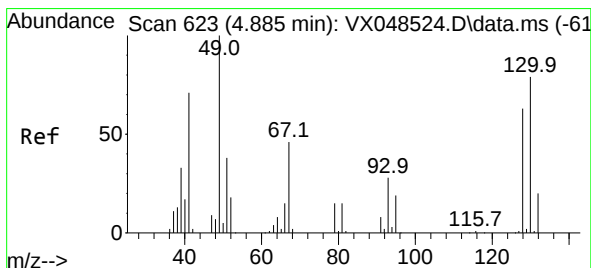
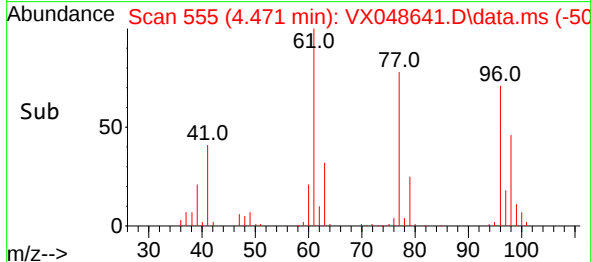
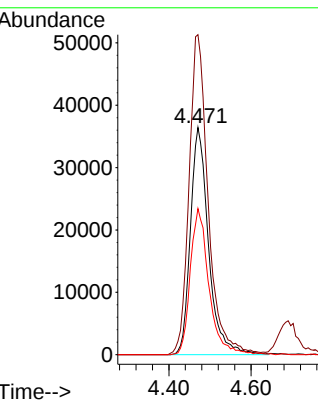
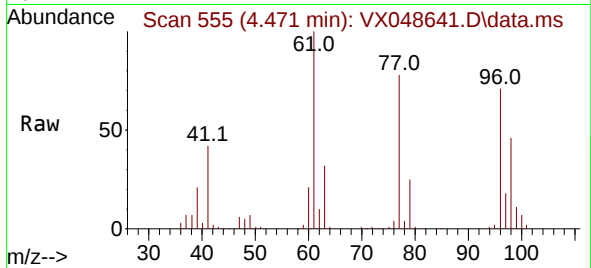
98 66.2 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#28

Bromochloromethane

Concen: 47.044 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

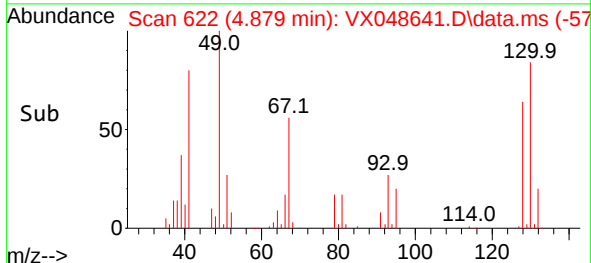
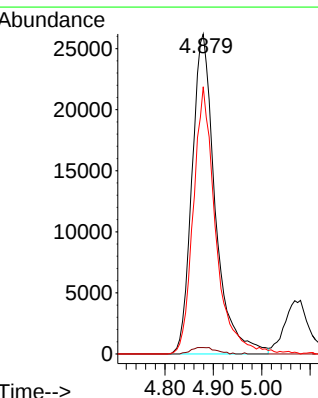
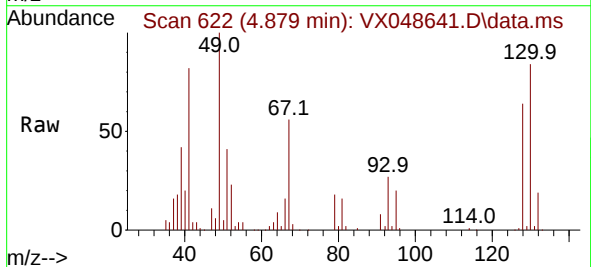
Tgt Ion: 49 Resp: 87502

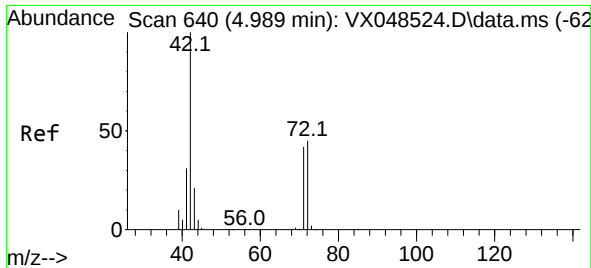
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

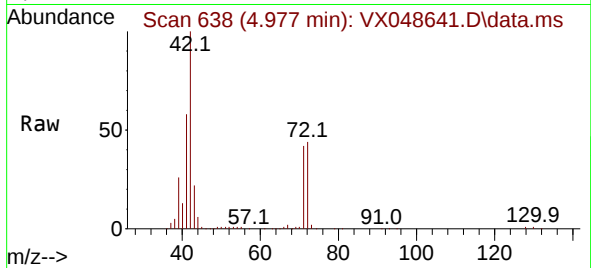
130 80.1 65.9 98.9





#29
Tetrahydrofuran
Concen: 226.760 ug/l
RT: 4.977 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

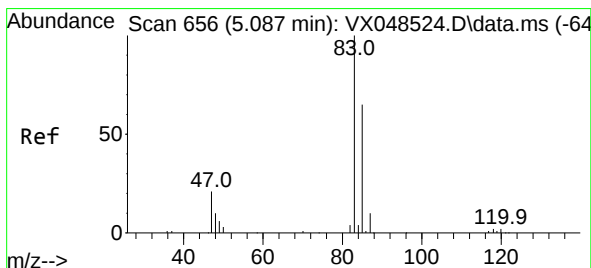
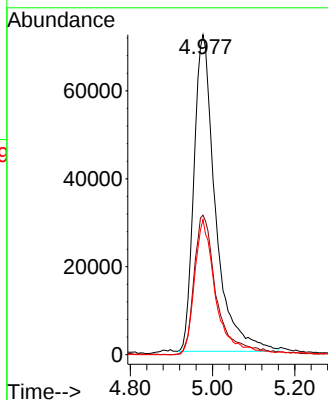
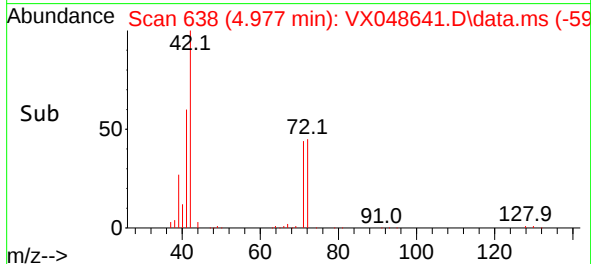
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 26164
Ion Ratio Lower Upper
42 100
72 46.6 36.3 54.5
71 42.2 34.1 51.1

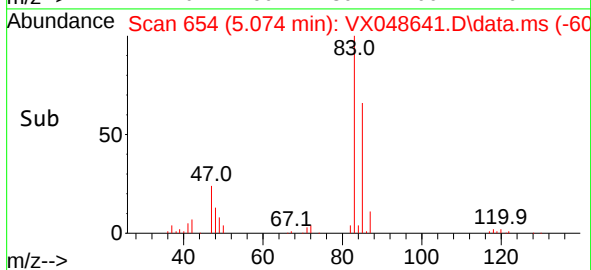
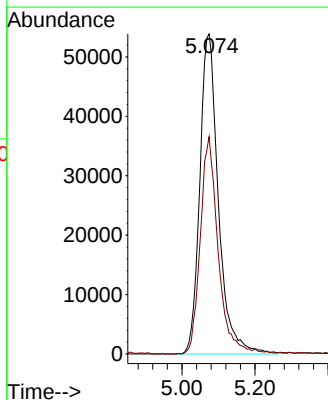
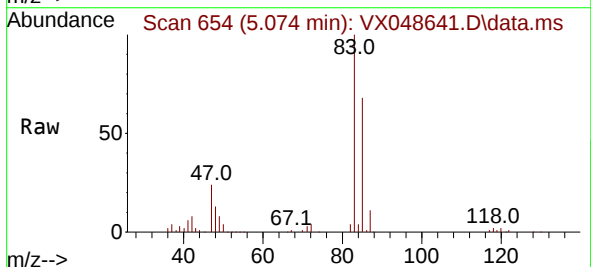
Manual Integrations
APPROVED

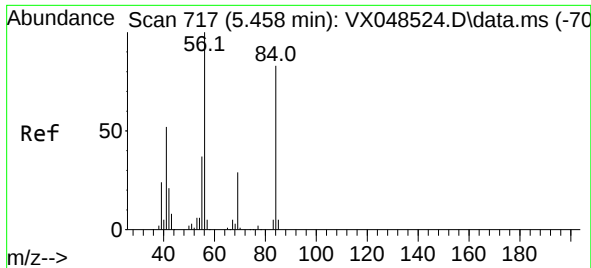
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#30
Chloroform
Concen: 48.634 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.012 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

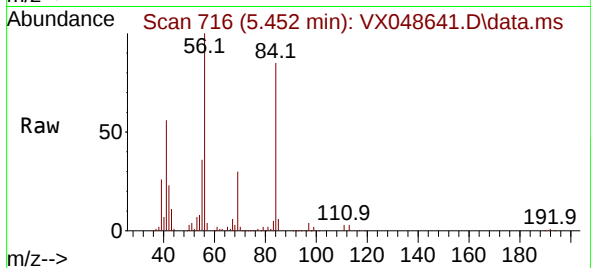
Tgt Ion: 83 Resp: 190100
Ion Ratio Lower Upper
83 100
85 67.8 51.8 77.6





#31
Cyclohexane
Concen: 46.021 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

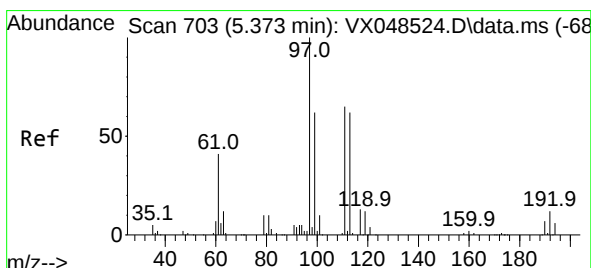
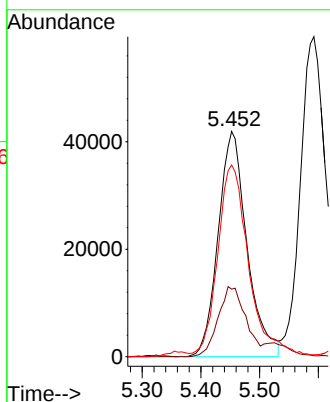
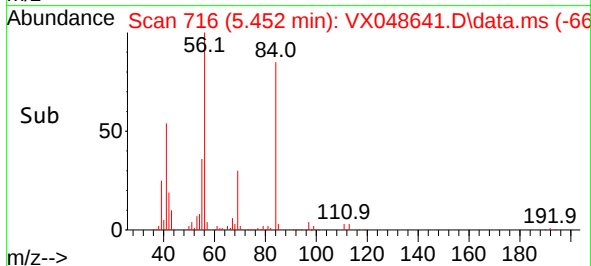
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14277
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 83.1 66.3 99.5

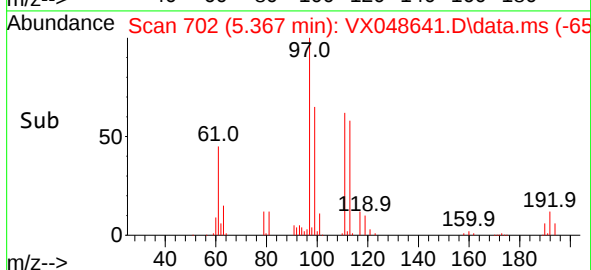
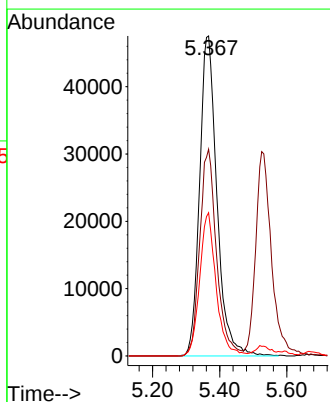
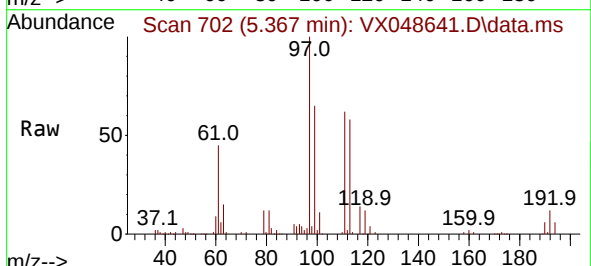
Manual Integrations
APPROVED

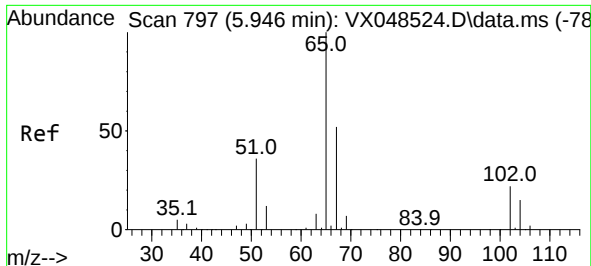
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#32
1,1,1-Trichloroethane
Concen: 49.870 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 97 Resp: 170121
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 42.7 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 50.842 ug/l

RT: 5.928 min Scan# 79

Delta R.T. -0.018 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11746

Ion Ratio Lower Upper

65 100

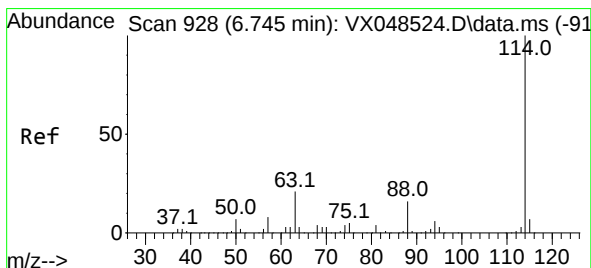
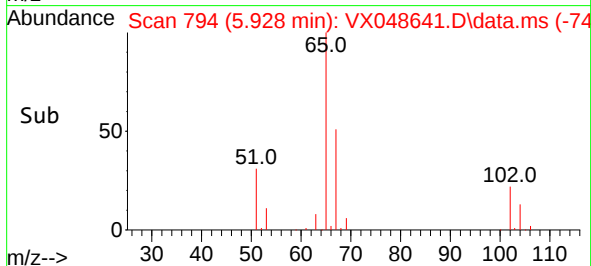
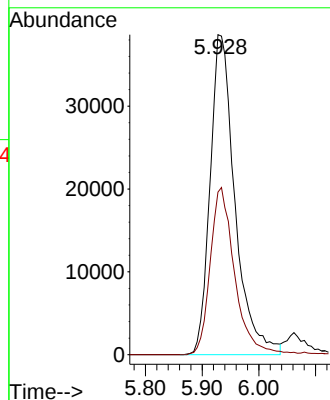
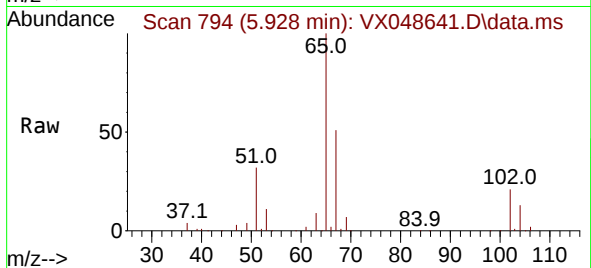
67 51.4 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

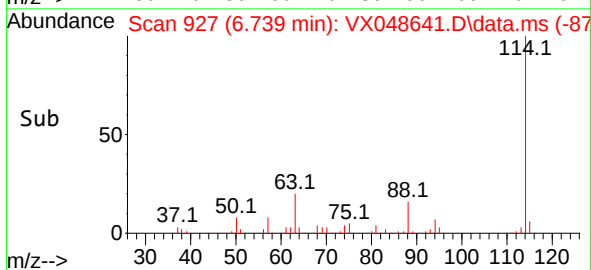
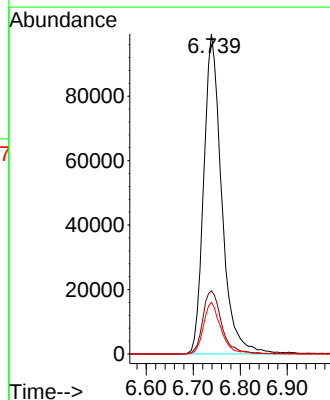
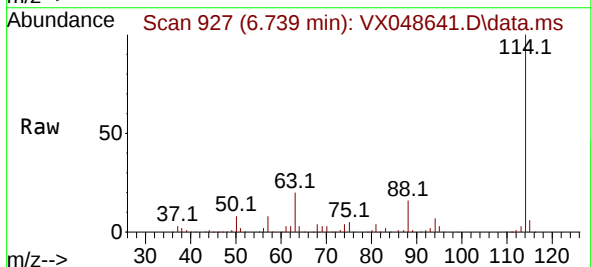
Tgt Ion:114 Resp: 262765

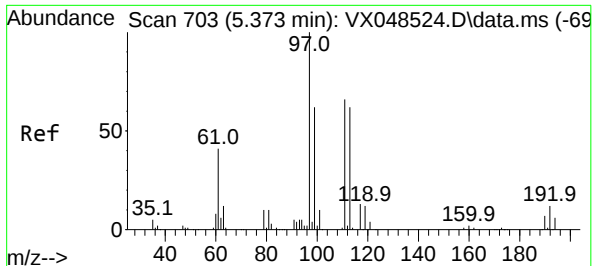
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

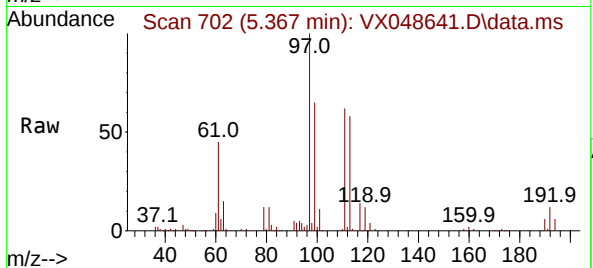
88 16.2 0.0 32.2





#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

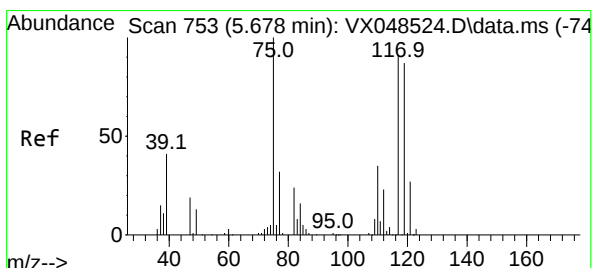
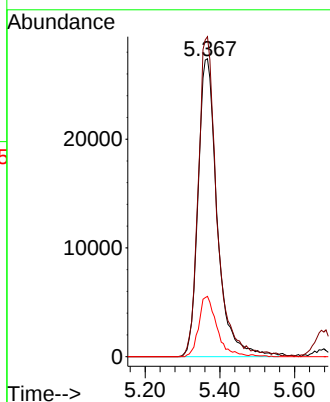
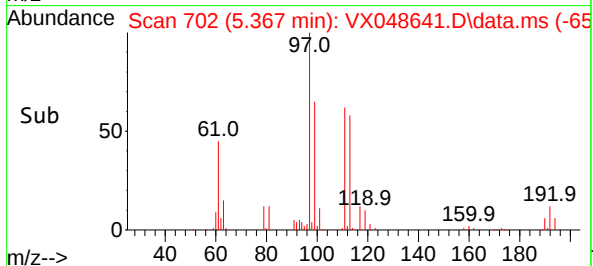
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 9762
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.1 15.8 23.6

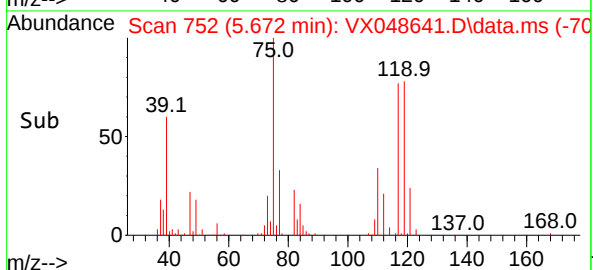
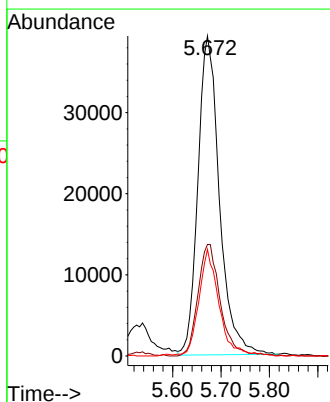
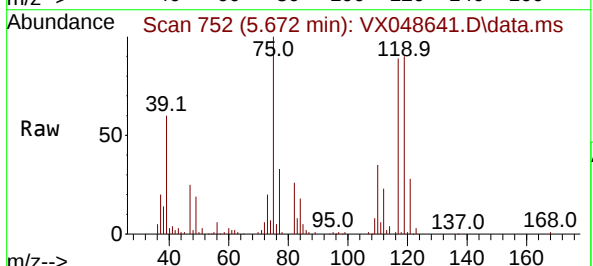
Manual Integrations
APPROVED

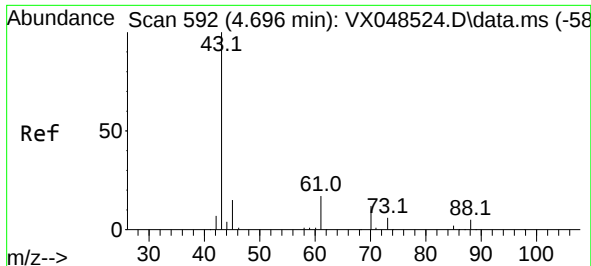
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#36
1,1-Dichloropropene
Concen: 45.666 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 75 Resp: 121610
Ion Ratio Lower Upper
75 100
110 36.5 18.4 55.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 42.689 ug/l

RT: 4.684 min Scan# 592

Delta R.T. -0.012 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 160025

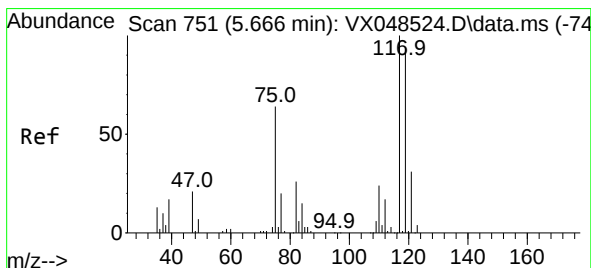
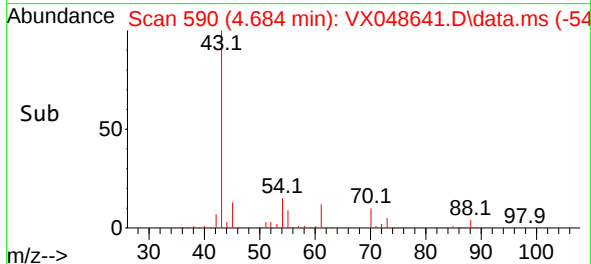
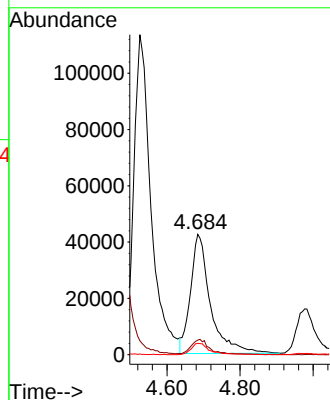
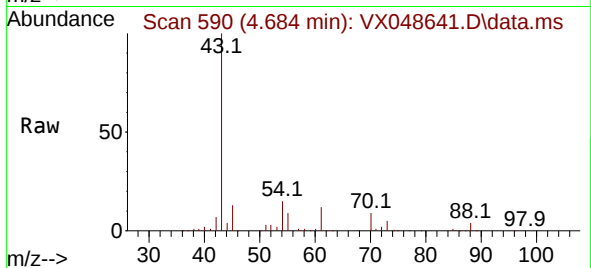
Ion	Ratio	Lower	Upper
43	100		
61	10.2	9.7	14.5
70	8.6	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#38

Carbon Tetrachloride

Concen: 48.727 ug/l

RT: 5.660 min Scan# 750

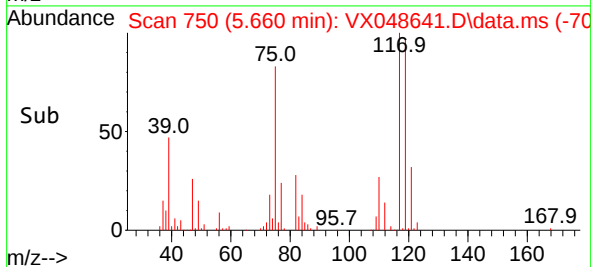
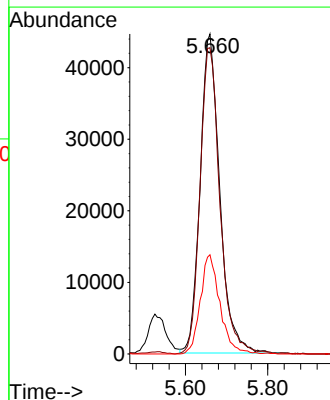
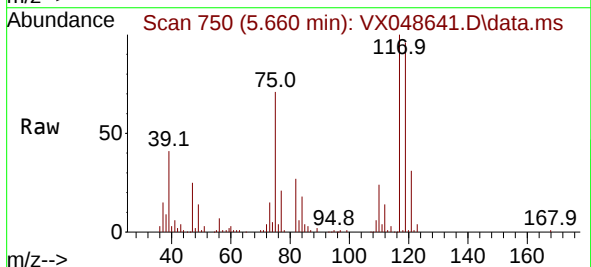
Delta R.T. -0.006 min

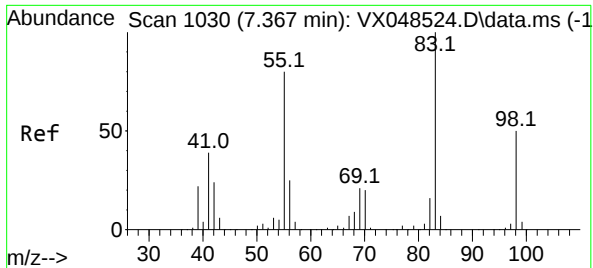
Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Tgt Ion:117 Resp: 147713

Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.5	111.7
121	31.1	24.8	37.2





#39

Methylcyclohexane

Concen: 49.257 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14728

Ion Ratio Lower Upper

83 100

55 78.8 63.8 95.6

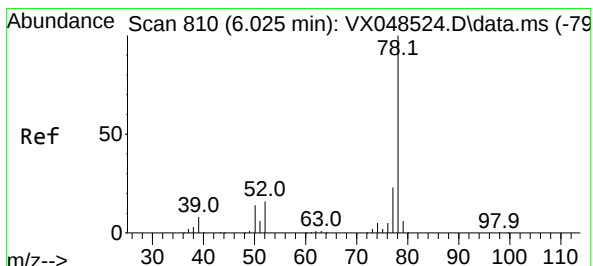
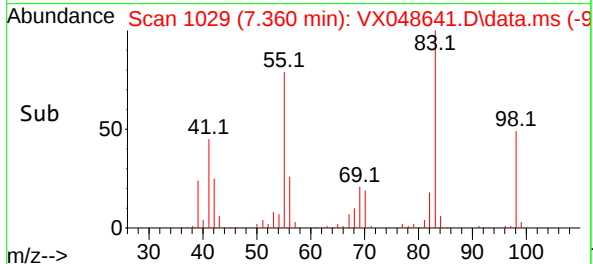
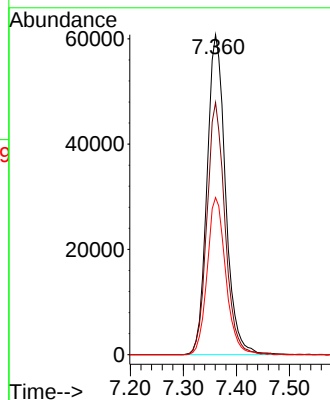
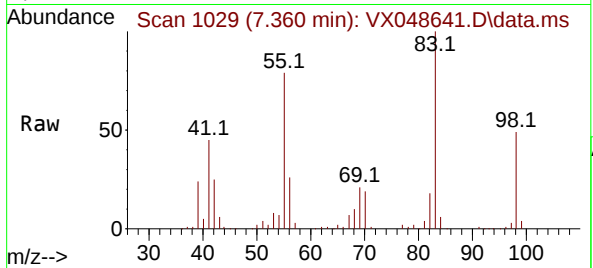
98 49.1 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#40

Benzene

Concen: 45.005 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048641.D

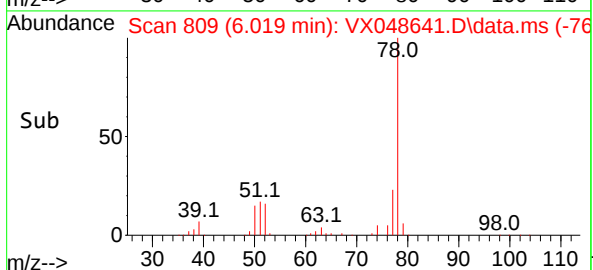
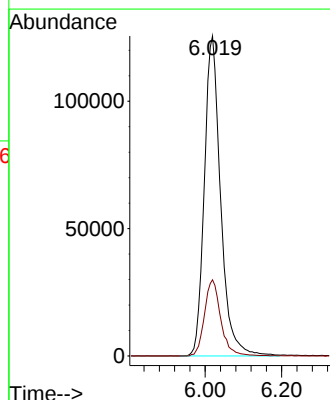
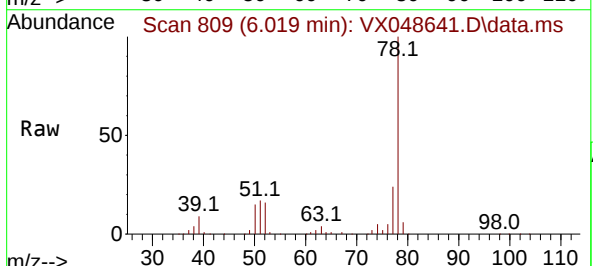
Acq: 21 Nov 2025 09:08

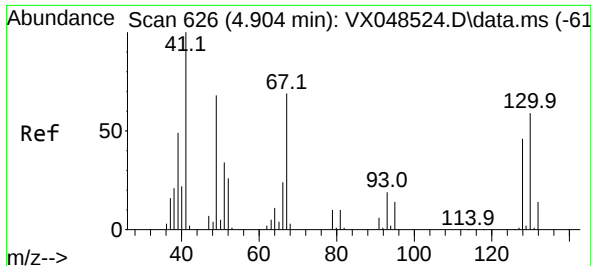
Tgt Ion: 78 Resp: 371515

Ion Ratio Lower Upper

78 100

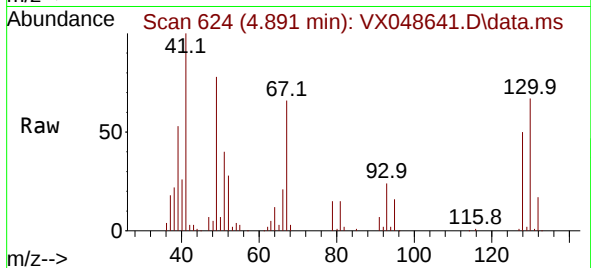
77 23.8 18.3 27.5





#41
Methacrylonitrile
Concen: 49.730 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

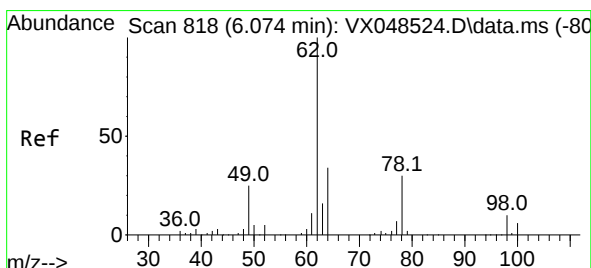
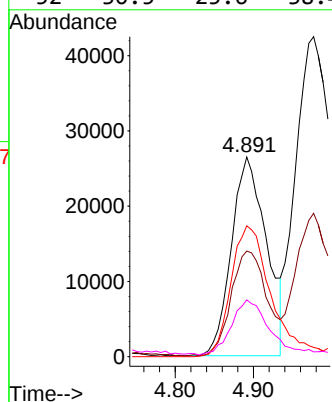
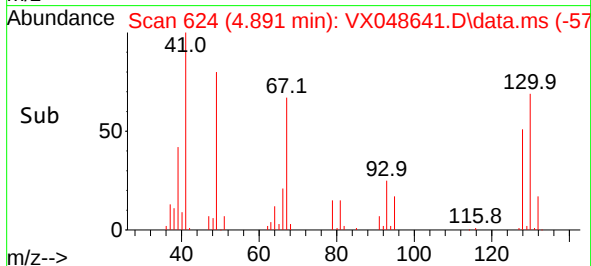
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8198
Ion Ratio Lower Upper
41 100
39 53.9 41.1 61.7
67 75.0 64.2 96.2
52 30.5 25.6 38.4

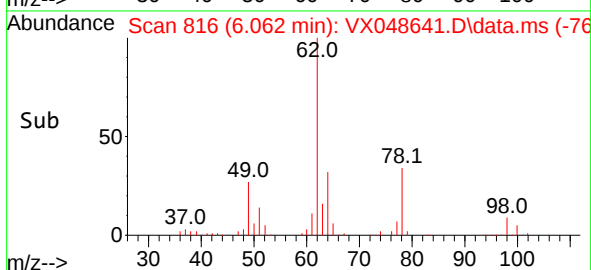
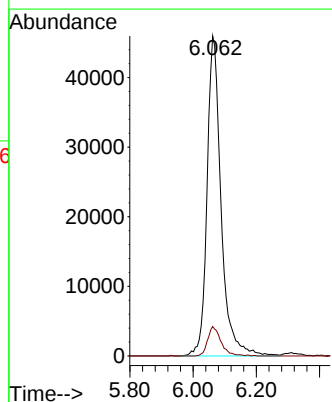
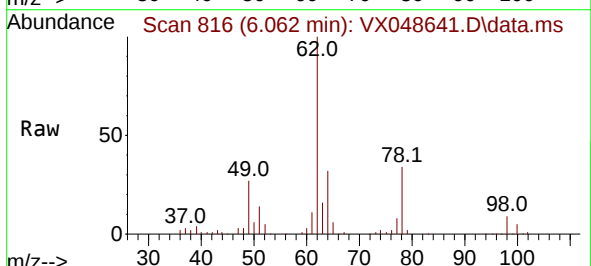
Manual Integrations
APPROVED

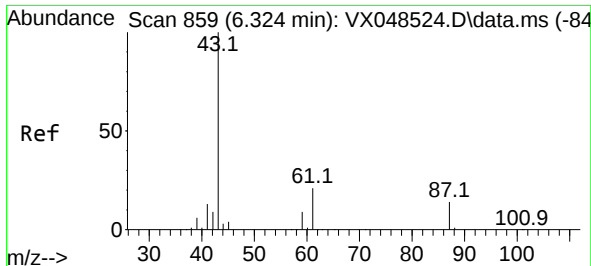
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#42
1,2-Dichloroethane
Concen: 50.263 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

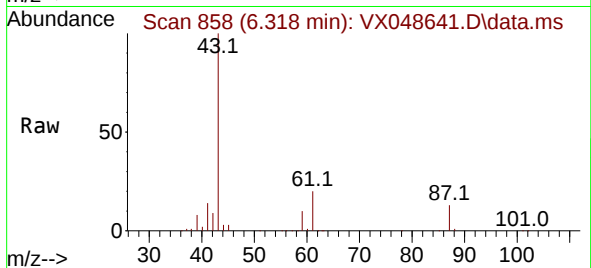
Tgt Ion: 62 Resp: 142161
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 47.734 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

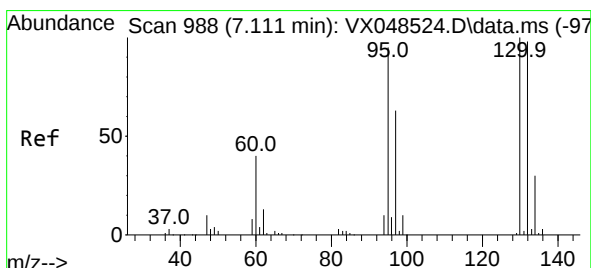
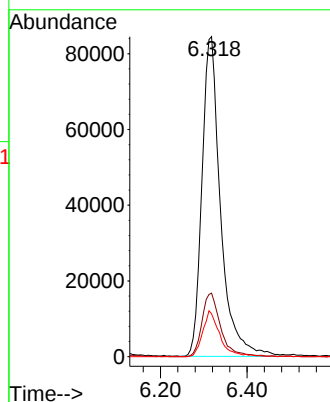
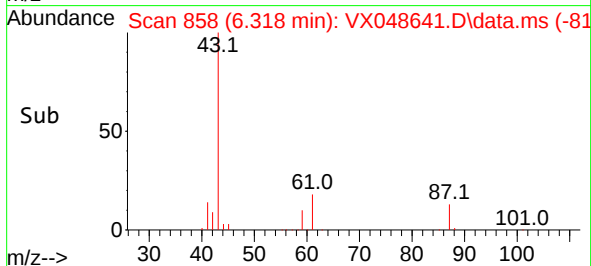
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25153
Ion Ratio Lower Upper
43 100
61 20.0 16.2 24.4
87 13.3 10.9 16.3

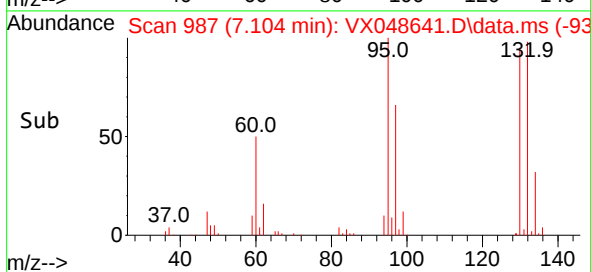
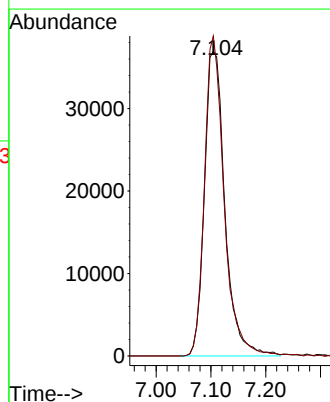
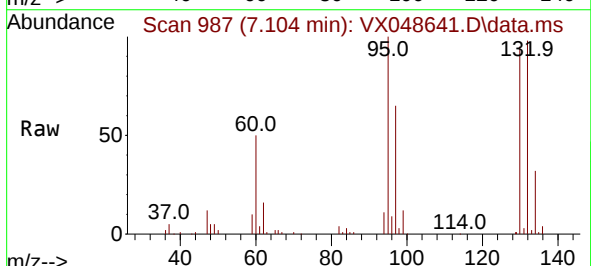
Manual Integrations
APPROVED

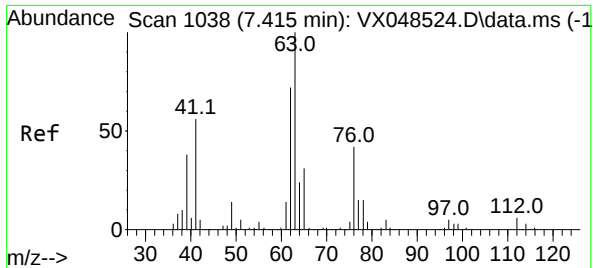
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#44
Trichloroethene
Concen: 48.616 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion:130 Resp: 95926
Ion Ratio Lower Upper
130 100
95 105.0 0.0 190.2





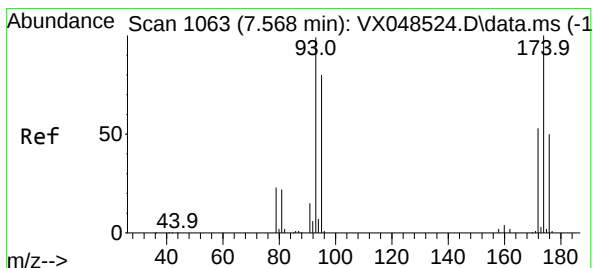
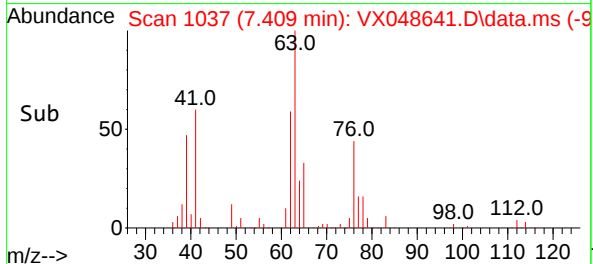
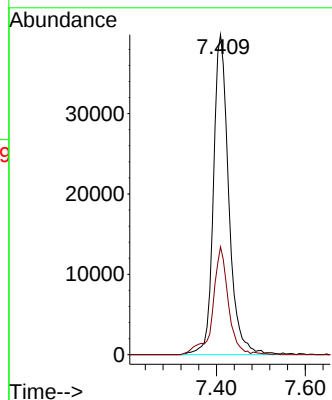
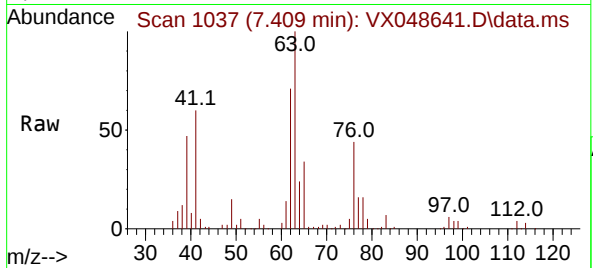
#45
1,2-Dichloropropane
Concen: 50.206 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 95294
Ion Ratio Lower Upper
63 100
65 33.7 24.9 37.3

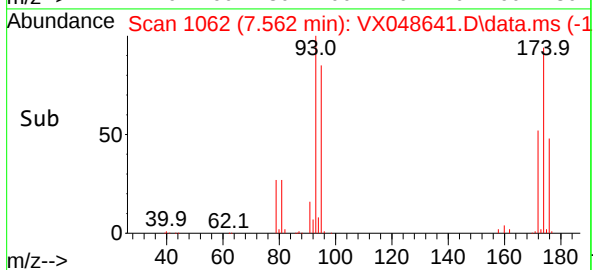
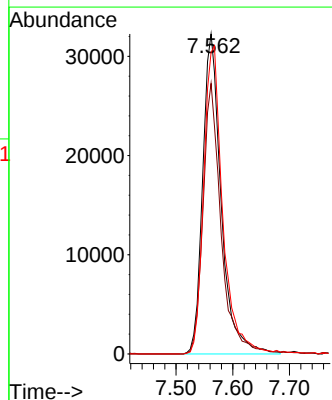
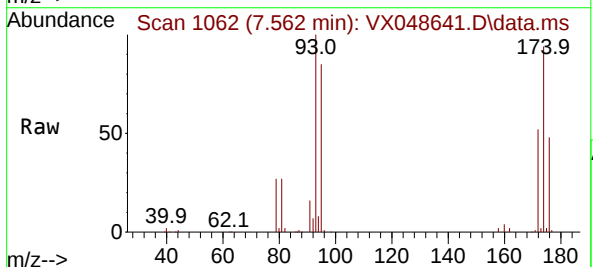
Manual Integrations
APPROVED

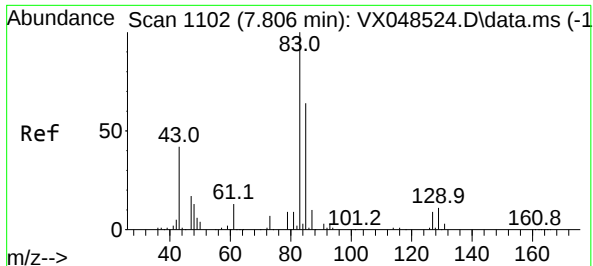
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#46
Dibromomethane
Concen: 52.719 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

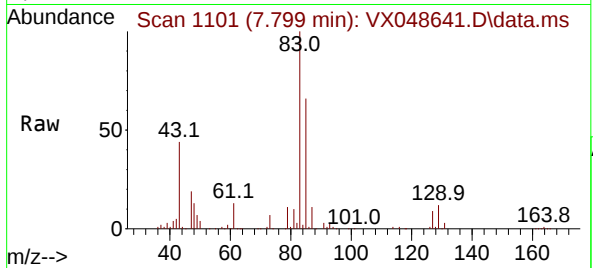
Tgt Ion: 93 Resp: 72982
Ion Ratio Lower Upper
93 100
95 82.9 67.6 101.4
174 100.0 83.0 124.6





#47
Bromodichloromethane
Concen: 55.358 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

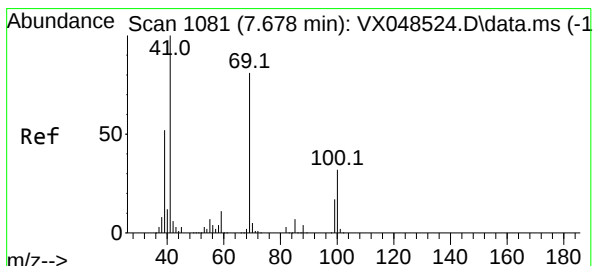
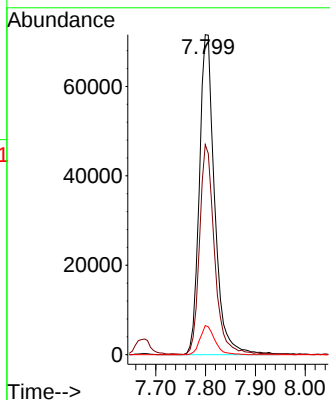
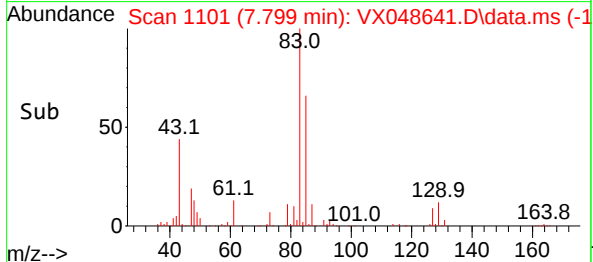
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 152885
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0
127 9.1 7.0 10.4

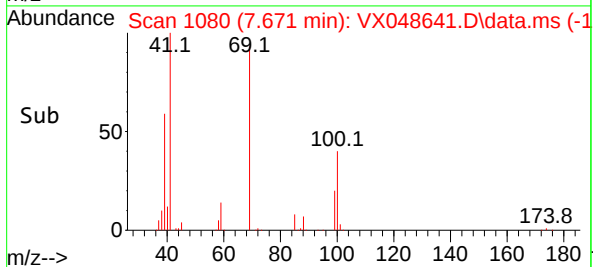
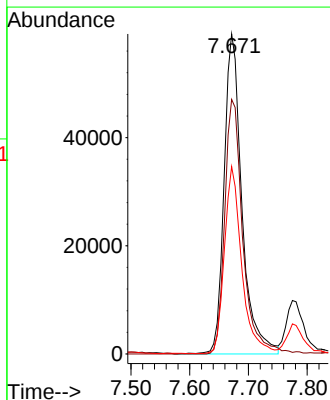
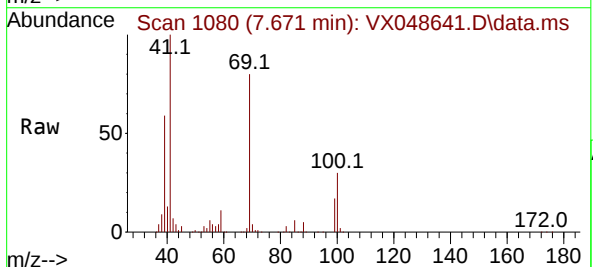
Manual Integrations
APPROVED

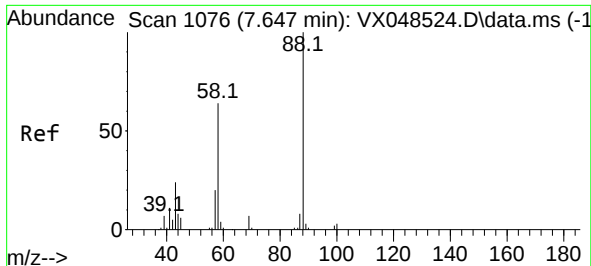
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#48
Methyl methacrylate
Concen: 53.254 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 41 Resp: 124745
Ion Ratio Lower Upper
41 100
69 81.1 67.9 101.9
39 56.7 42.2 63.2





#49

1,4-Dioxane

Concen: 1169.221 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4173

Ion Ratio Lower Upper

88 100

43 35.8 25.1 37.7

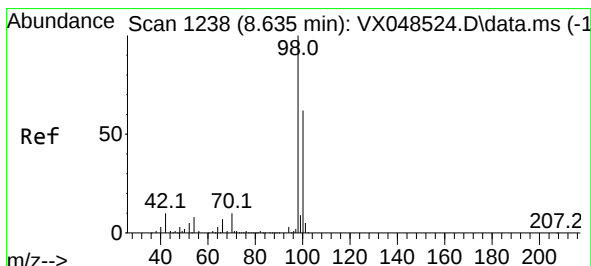
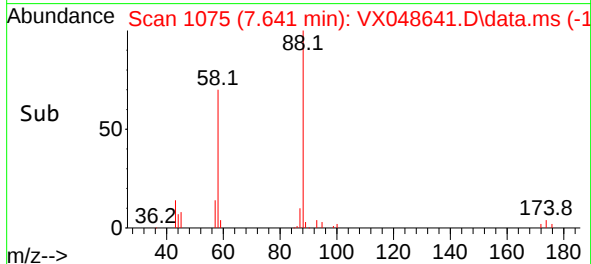
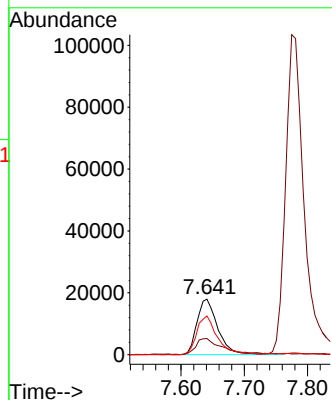
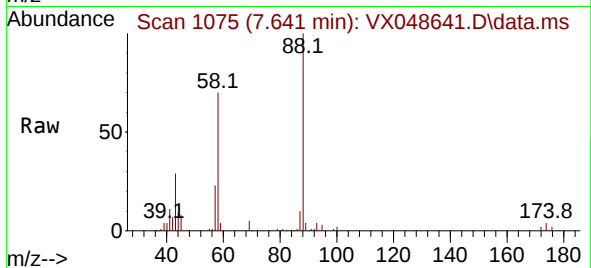
58 67.9 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#50

Toluene-d8

Concen: 52.464 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048641.D

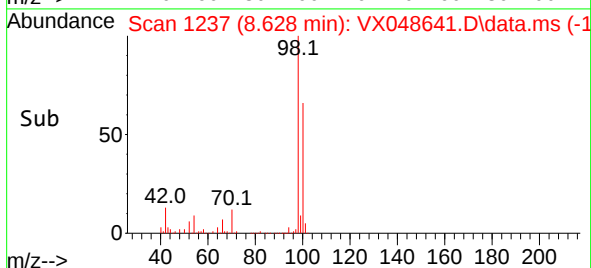
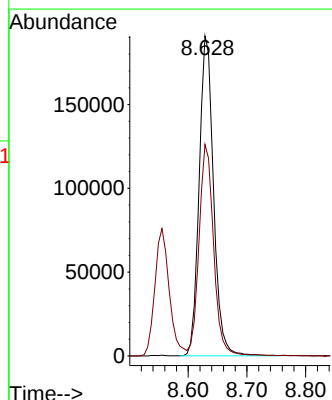
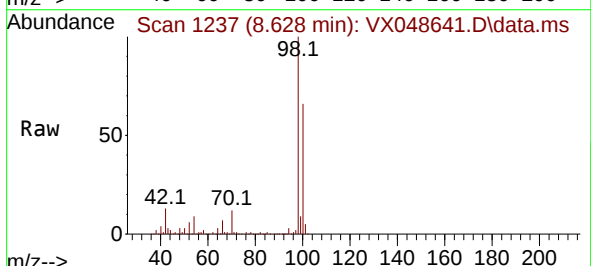
Acq: 21 Nov 2025 09:08

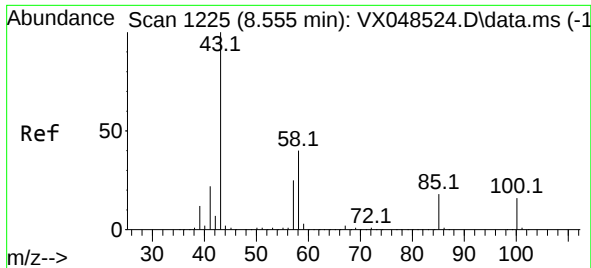
Tgt Ion: 98 Resp: 325415

Ion Ratio Lower Upper

98 100

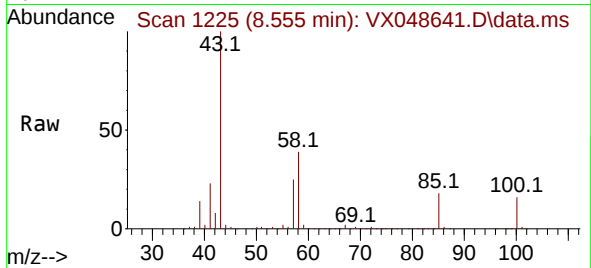
100 67.4 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 276.759 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

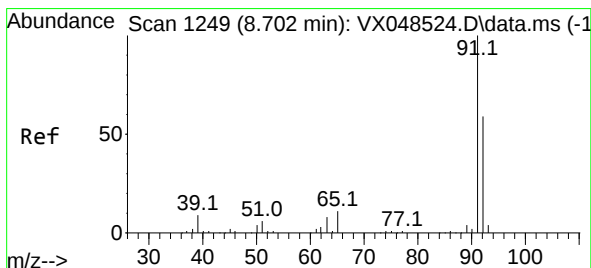
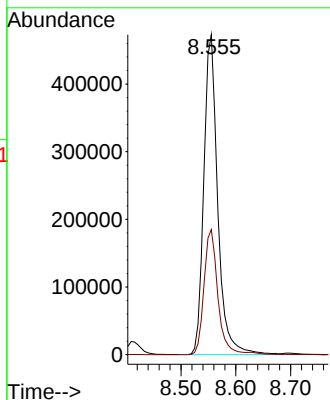
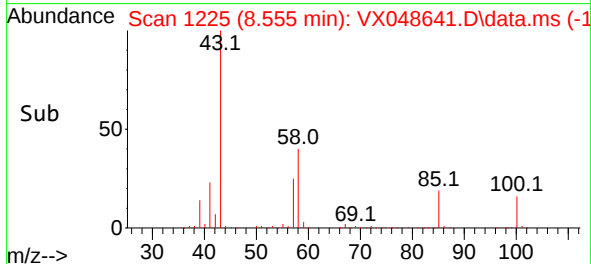
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



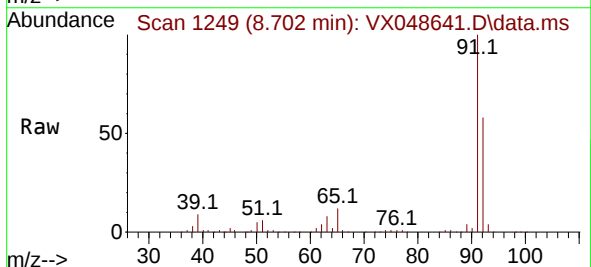
Tgt Ion: 43 Resp: 830144
Ion Ratio Lower Upper
43 100
58 39.5 32.3 48.5

Manual Integrations
APPROVED

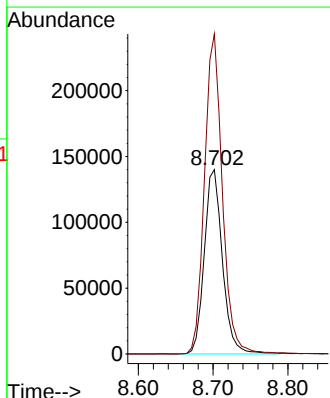
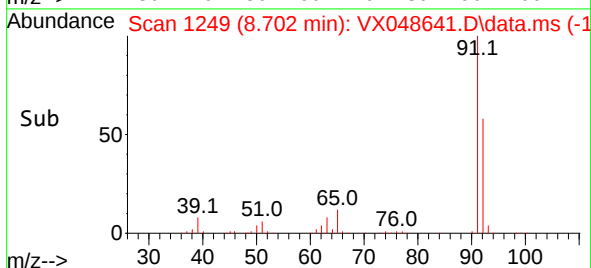
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

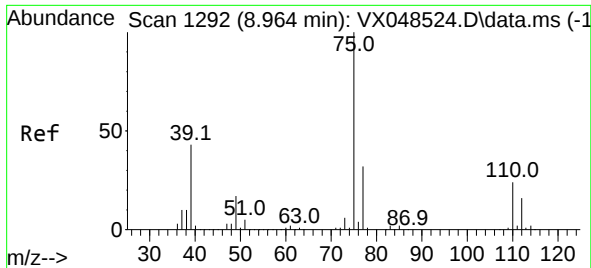


#52
Toluene
Concen: 54.292 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



Tgt Ion: 92 Resp: 235955
Ion Ratio Lower Upper
92 100
91 171.4 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 54.490 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

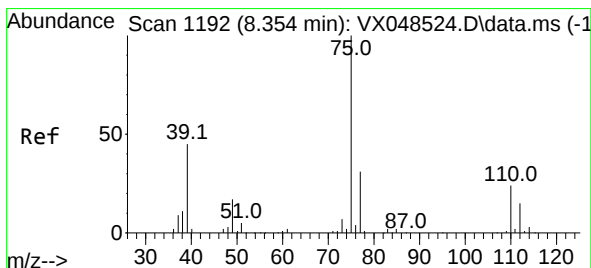
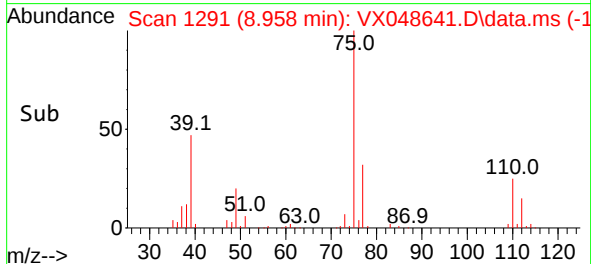
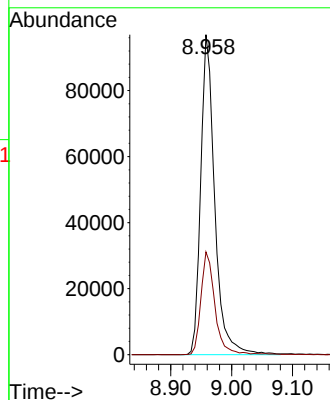
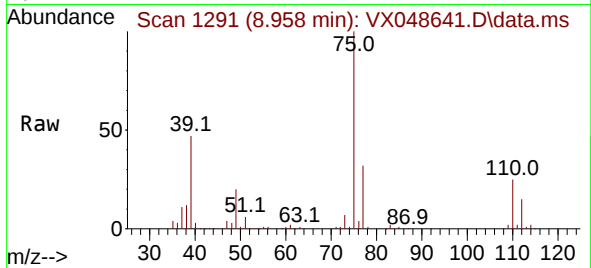
VSTDCCC050

Tgt Ion: 75 Resp: 15506
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

Manual Integrations

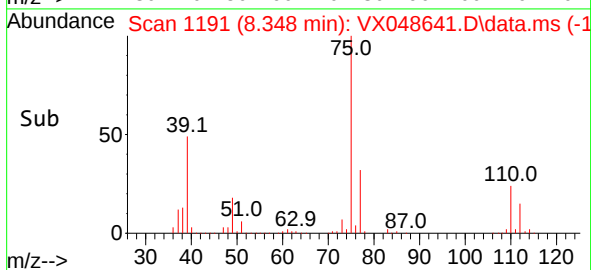
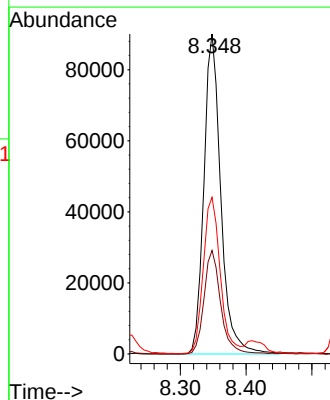
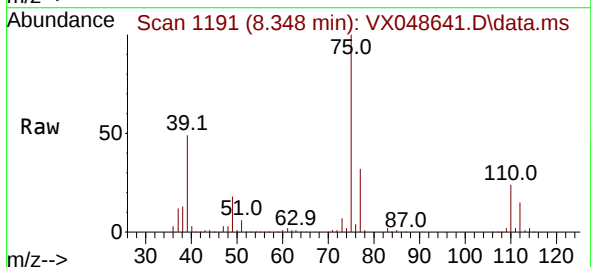
APPROVED

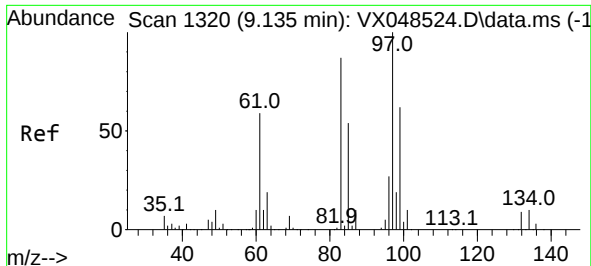
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#54
cis-1,3-Dichloropropene
Concen: 54.755 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 75 Resp: 161344
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 48.9 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 56.379 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 97890

Ion Ratio Lower Upper

97 100

83 82.5 69.2 103.8

85 54.7 42.8 64.2

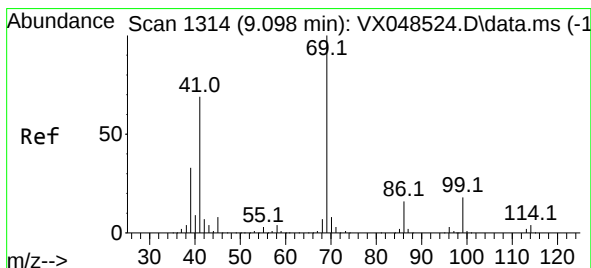
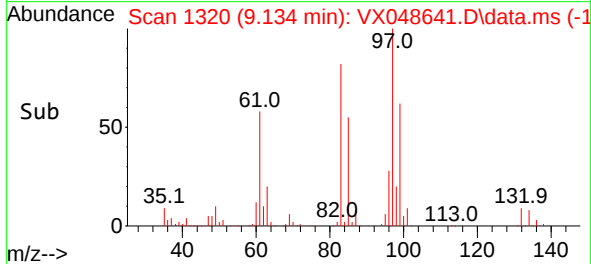
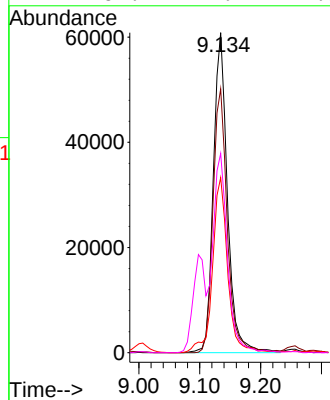
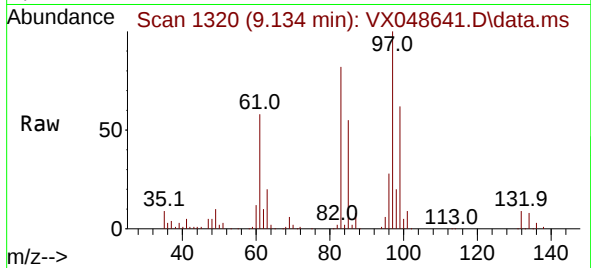
99 62.1 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#56

Ethyl methacrylate

Concen: 56.443 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

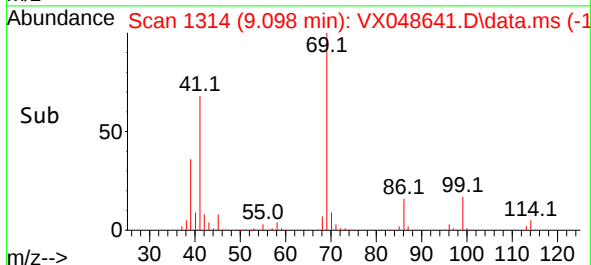
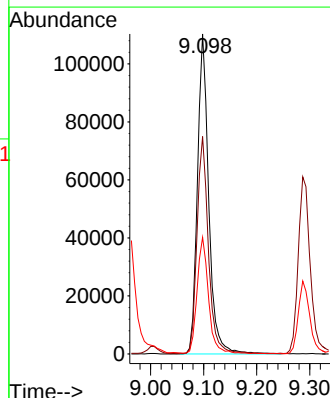
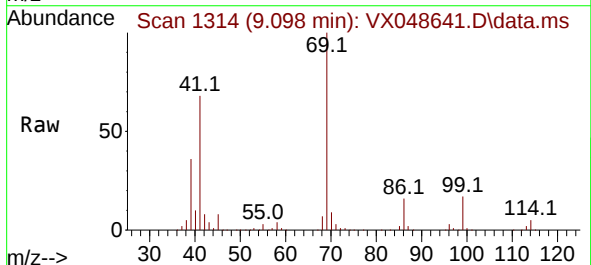
Tgt Ion: 69 Resp: 163057

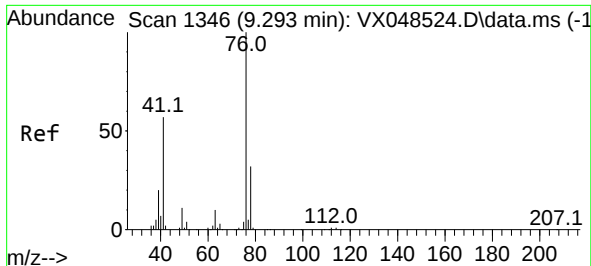
Ion Ratio Lower Upper

69 100

41 68.4 53.3 79.9

39 36.6 26.1 39.1





#57

1,3-Dichloropropane

Concen: 54.057 ug/l

RT: 9.293 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 163380

Ion Ratio Lower Upper

76 100

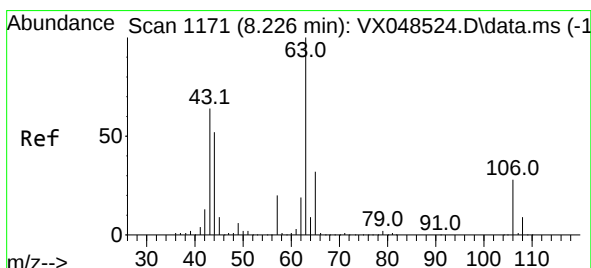
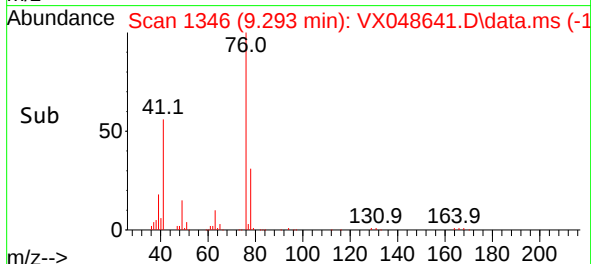
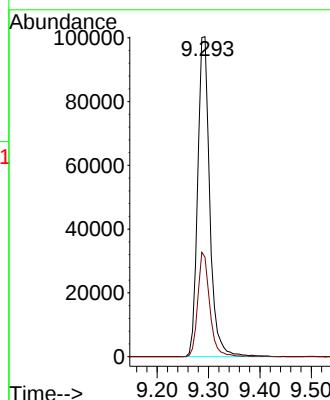
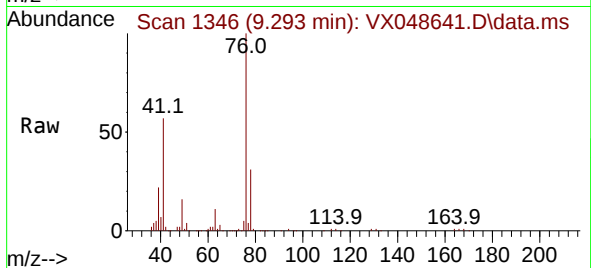
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 283.789 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048641.D

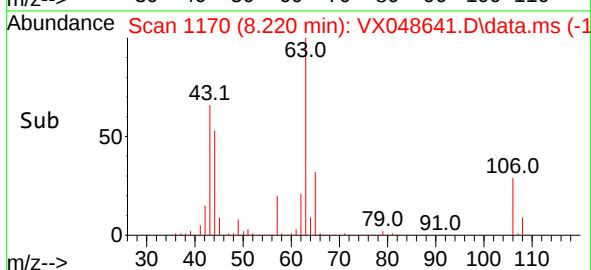
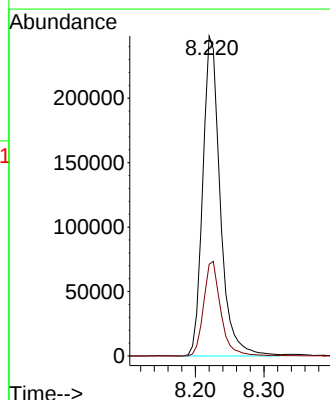
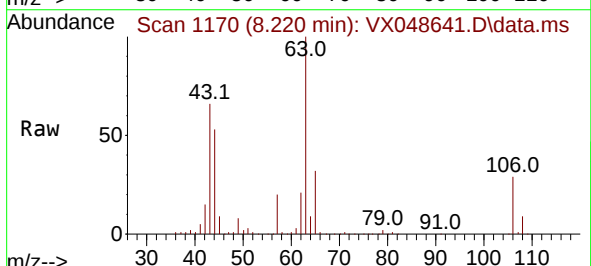
Acq: 21 Nov 2025 09:08

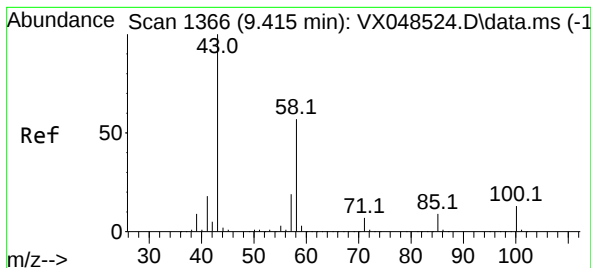
Tgt Ion: 63 Resp: 440769

Ion Ratio Lower Upper

63 100

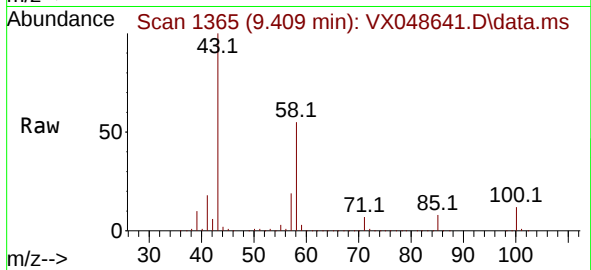
106 29.3 23.0 34.4





#59
2-Hexanone
Concen: 272.098 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

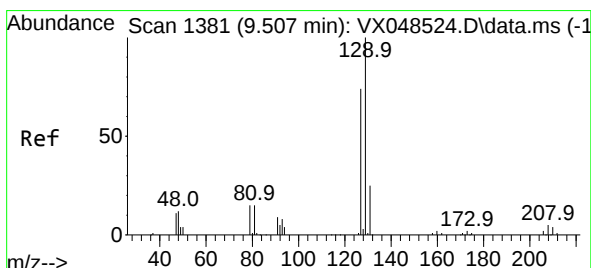
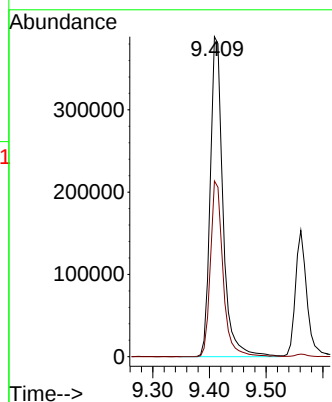
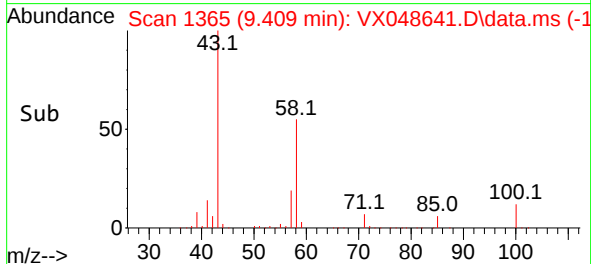
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 607109
Ion Ratio Lower Upper
43 100
58 54.4 28.1 84.2

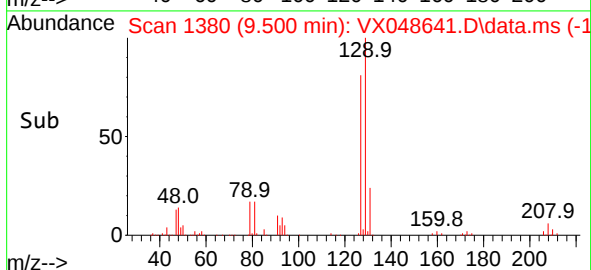
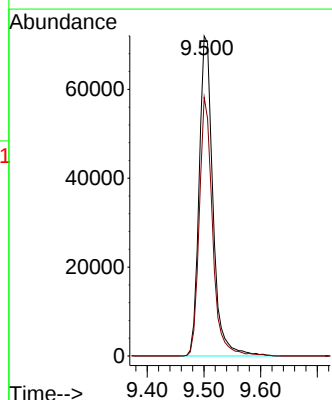
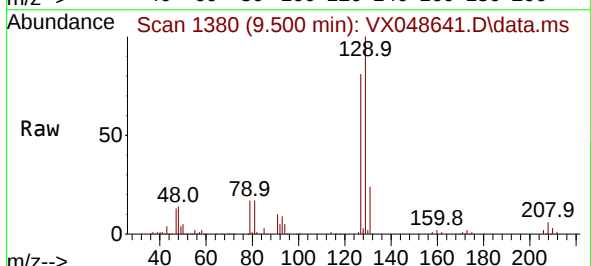
Manual Integrations
APPROVED

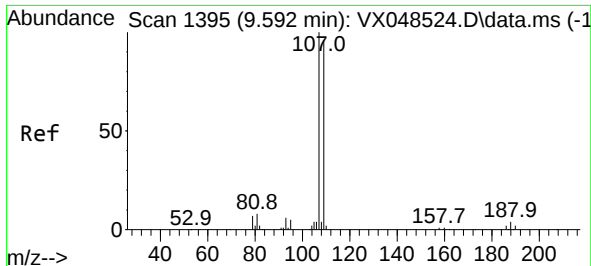
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#60
Dibromochloromethane
Concen: 57.087 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

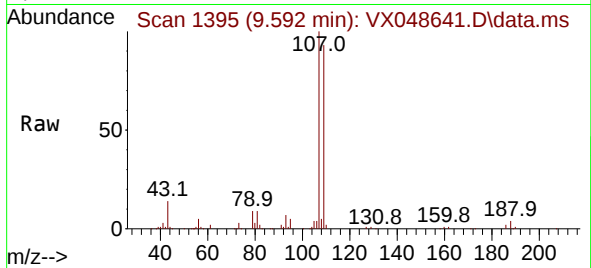
Tgt Ion:129 Resp: 121704
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.0





#61
1,2-Dibromoethane
Concen: 54.883 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

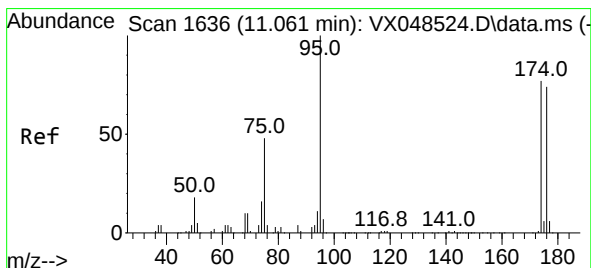
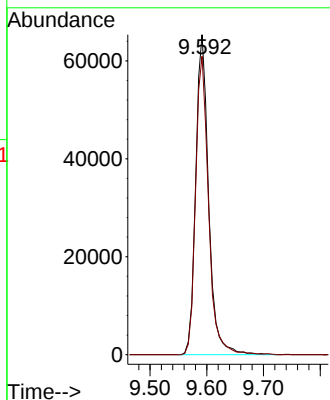
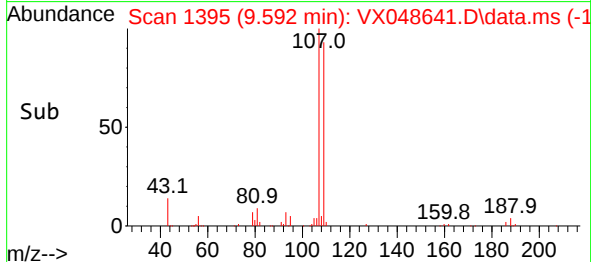
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 10321
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

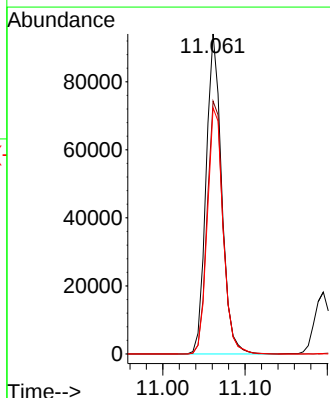
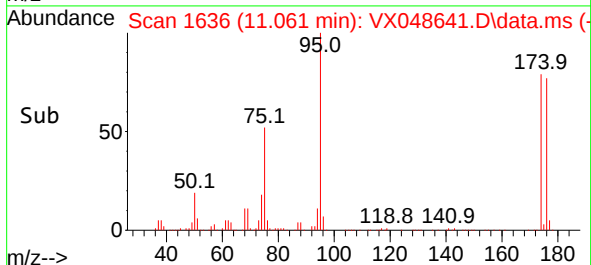
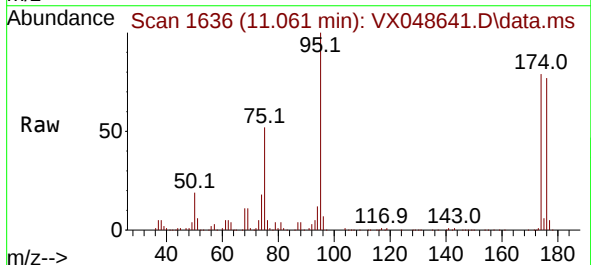
Manual Integrations
APPROVED

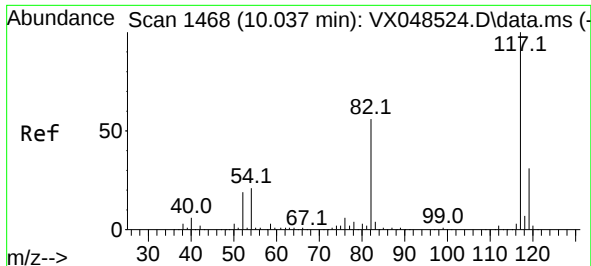
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#62
4-Bromofluorobenzene
Concen: 53.445 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

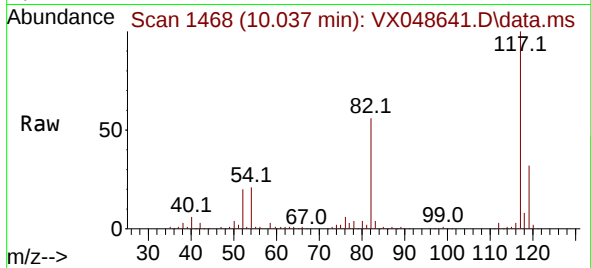
Tgt Ion: 95 Resp: 123540
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.8
176 78.1 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

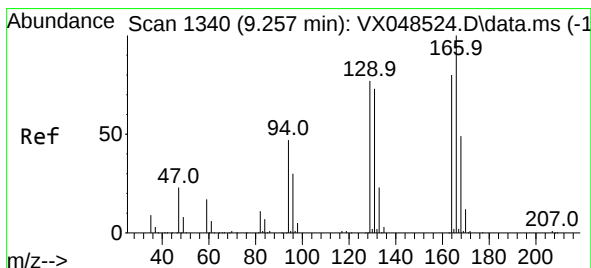
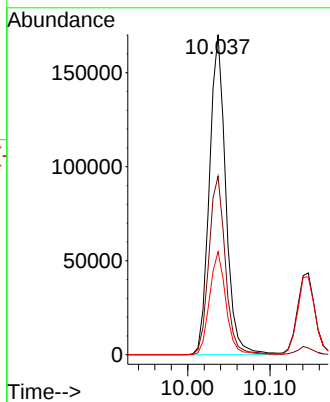
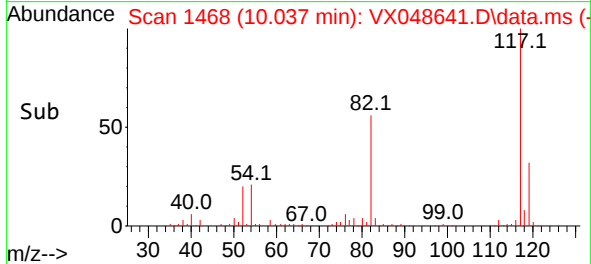
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 235899
Ion Ratio Lower Upper
117 100
82 55.8 44.4 66.6
119 32.2 25.1 37.7

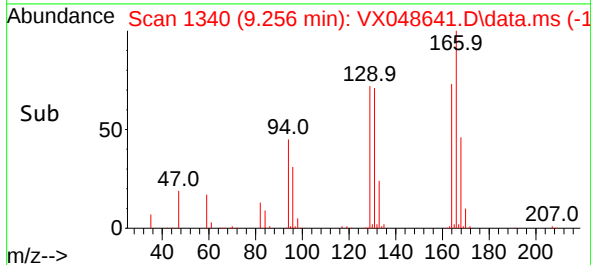
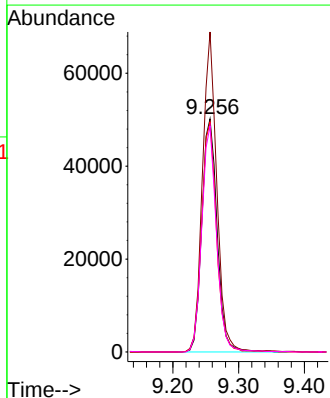
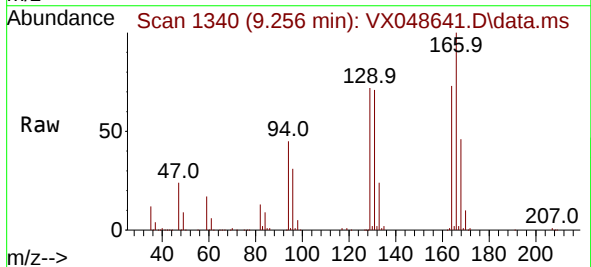
Manual Integrations
APPROVED

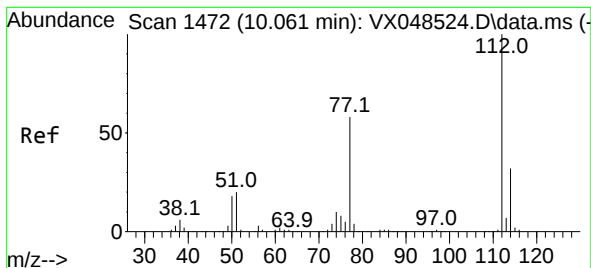
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#64
Tetrachloroethene
Concen: 47.209 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion:164 Resp: 80887
Ion Ratio Lower Upper
164 100
166 137.2 100.6 150.8
129 98.6 77.6 116.4
131 96.9 73.0 109.6





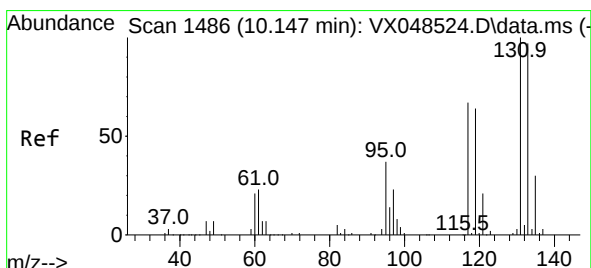
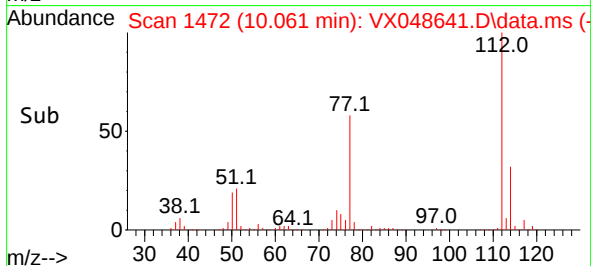
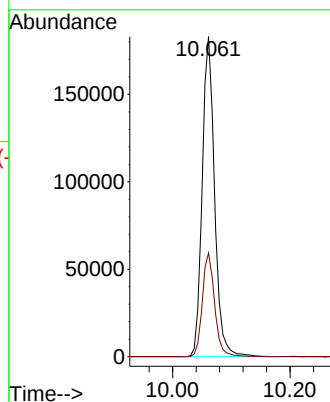
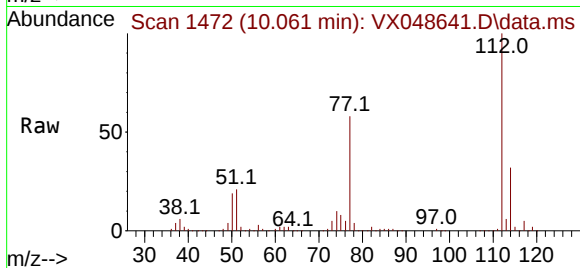
#65
Chlorobenzene
Concen: 47.693 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 26703
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

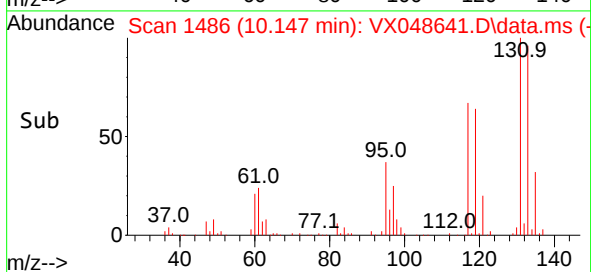
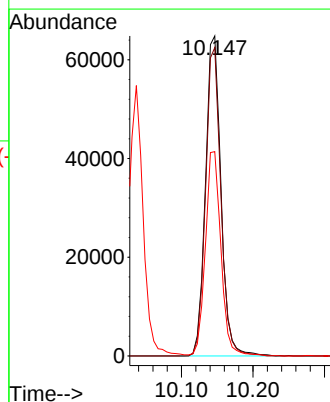
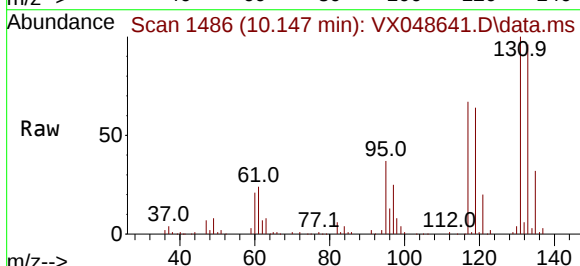
Manual Integrations
APPROVED

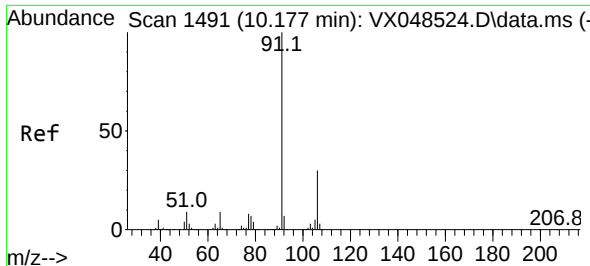
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.052 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

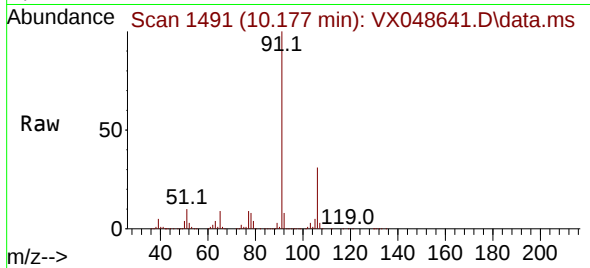
Tgt Ion:131 Resp: 97653
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.3 32.8 98.3





#67
Ethyl Benzene
Concen: 48.397 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

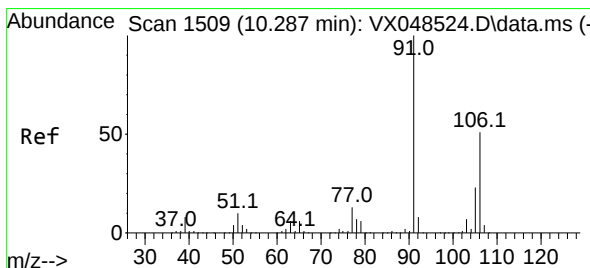
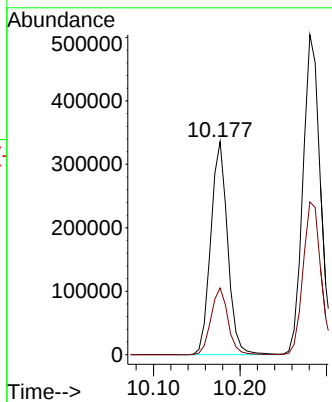
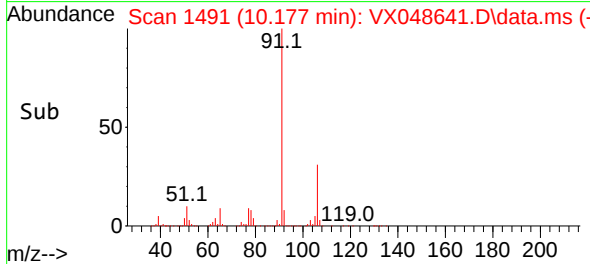
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



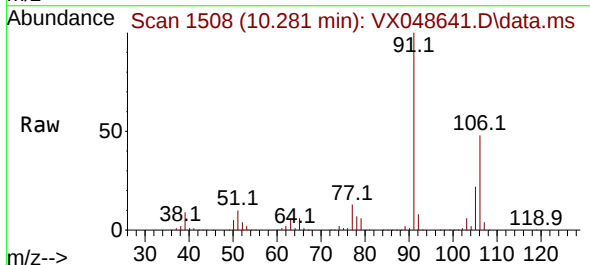
Tgt Ion: 91 Resp: 455038
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1

Manual Integrations
APPROVED

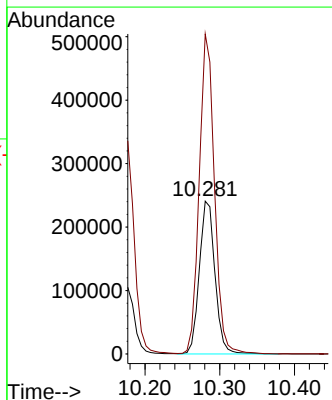
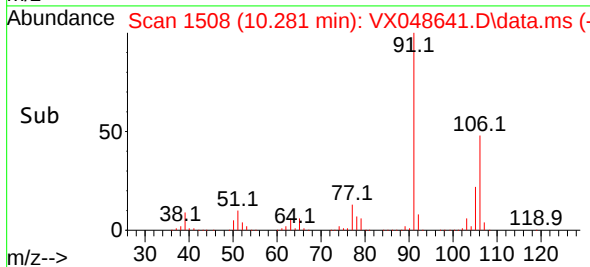
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

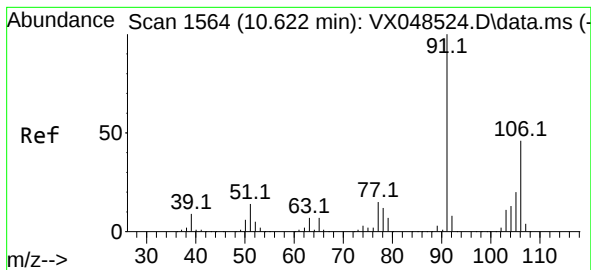


#68
m/p-Xylenes
Concen: 98.689 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



Tgt Ion:106 Resp: 349467
Ion Ratio Lower Upper
106 100
91 204.2 159.6 239.4





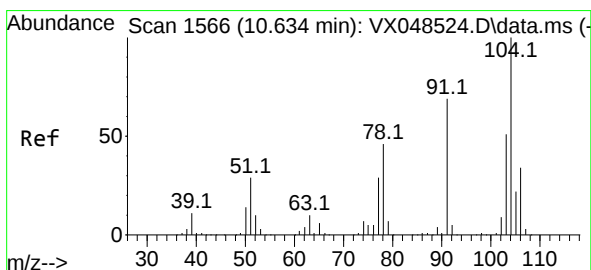
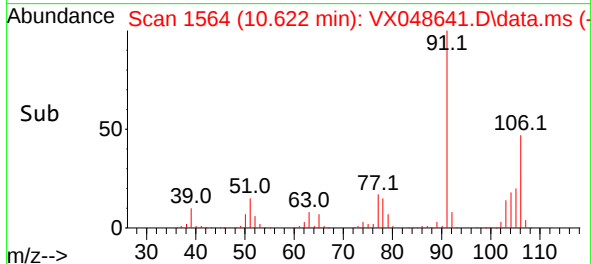
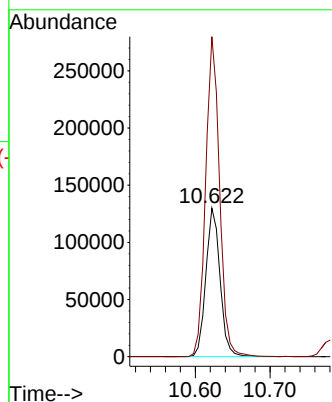
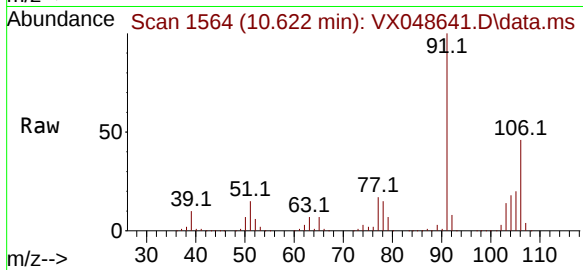
#69
o-Xylene
Concen: 49.274 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 170714
Ion Ratio Lower Upper
106 100
91 212.2 106.4 319.2

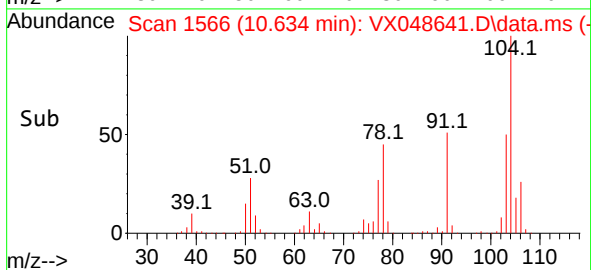
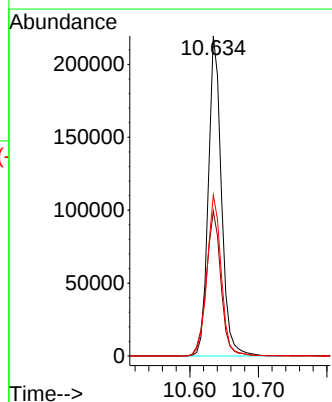
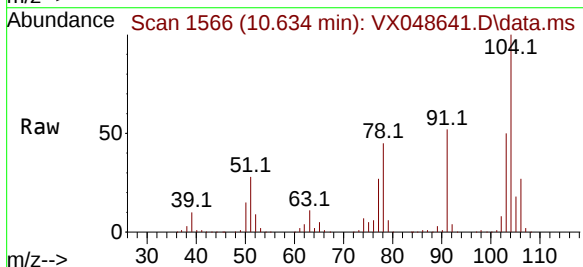
Manual Integrations
APPROVED

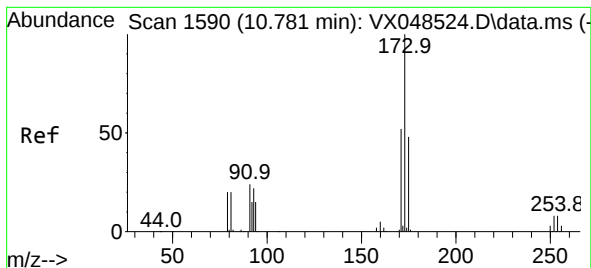
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#70
Styrene
Concen: 50.411 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion:104 Resp: 292981
Ion Ratio Lower Upper
104 100
78 50.5 39.4 59.2
103 54.5 43.1 64.7





#71

Bromoform

Concen: 49.860 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

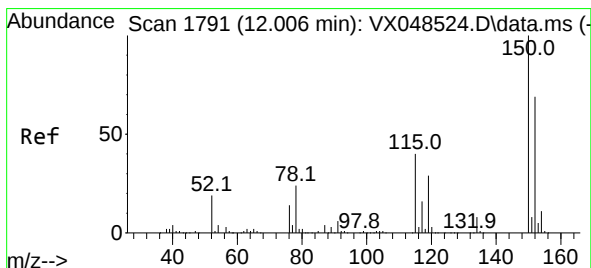
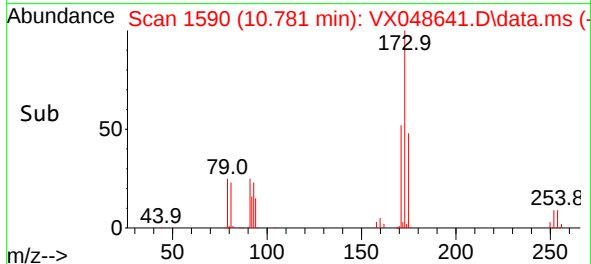
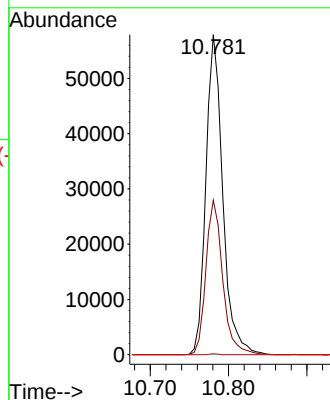
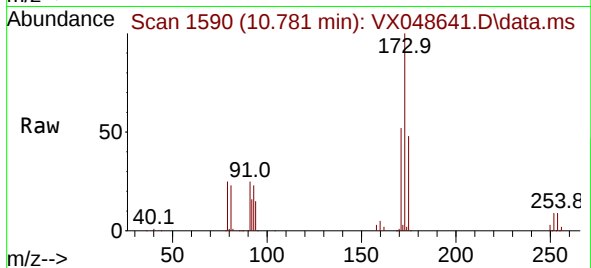
Tgt Ion:173 Resp: 86295
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.4 73.4
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

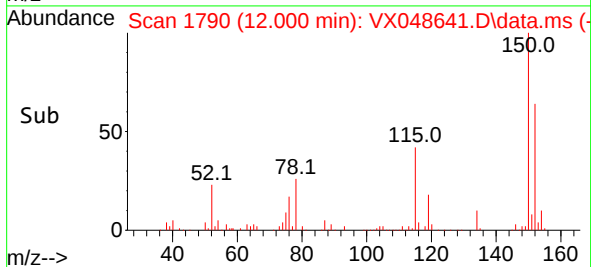
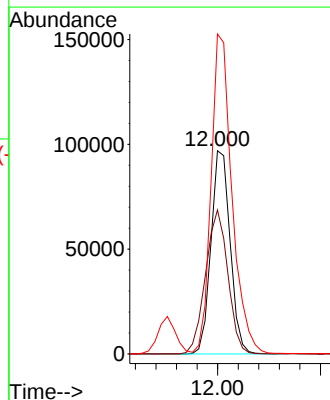
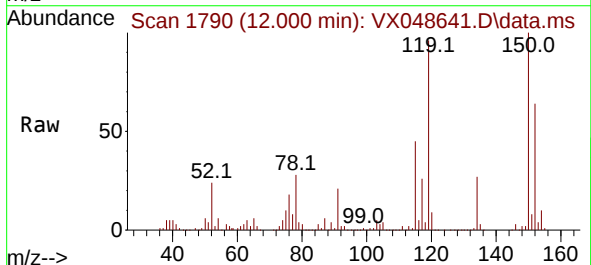
RT: 12.000 min Scan# 1790

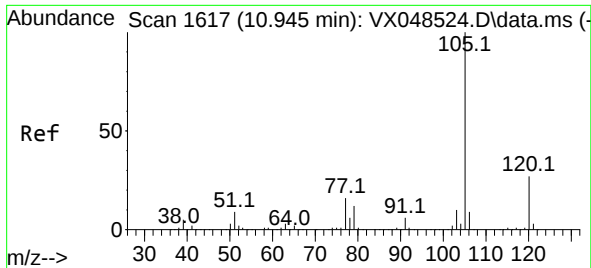
Delta R.T. -0.006 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

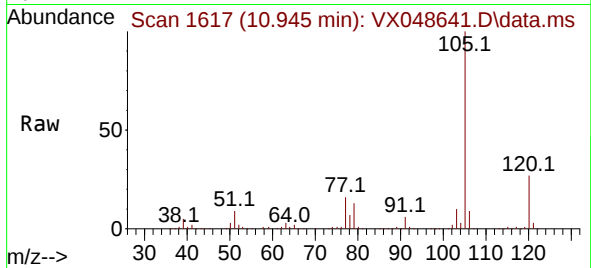
Tgt Ion:152 Resp: 125375
 Ion Ratio Lower Upper
 152 100
 115 82.8 39.2 117.6
 150 172.0 0.0 347.0





#73
Isopropylbenzene
Concen: 49.401 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

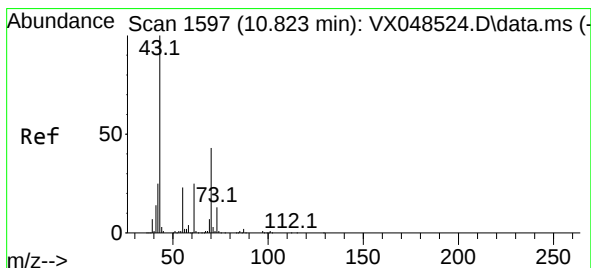
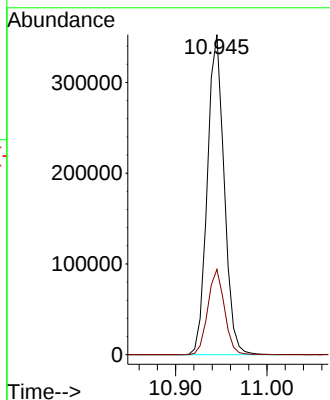
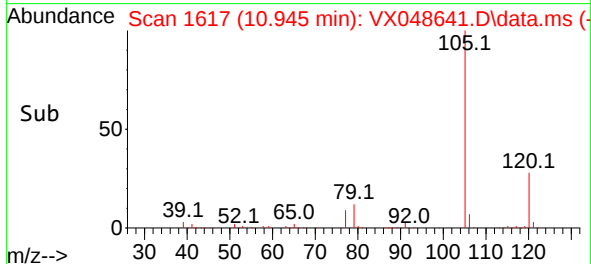
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 449572
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7

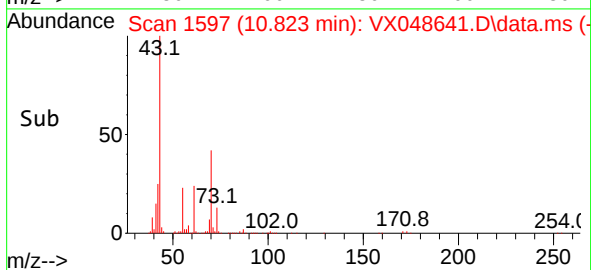
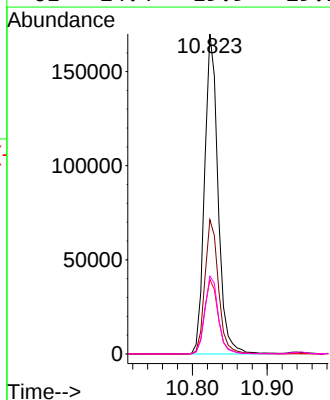
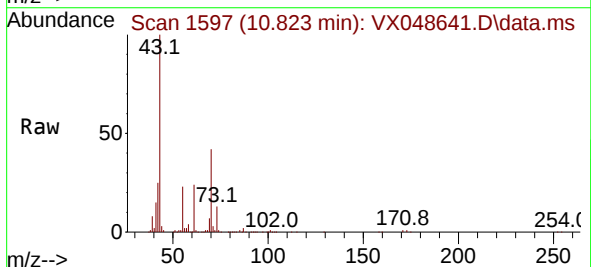
Manual Integrations
APPROVED

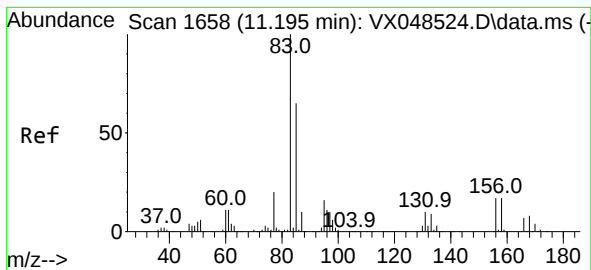
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#74
N-ethyl acetate
Concen: 46.610 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 43 Resp: 212984
Ion Ratio Lower Upper
43 100
70 42.4 35.1 52.7
55 23.8 19.3 28.9
61 24.4 19.9 29.9





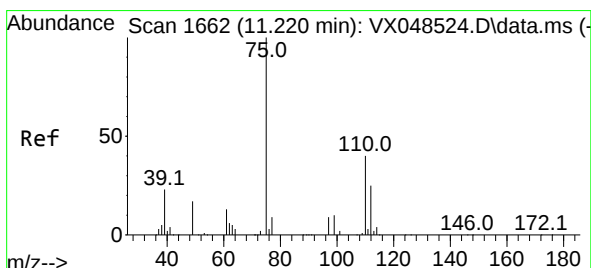
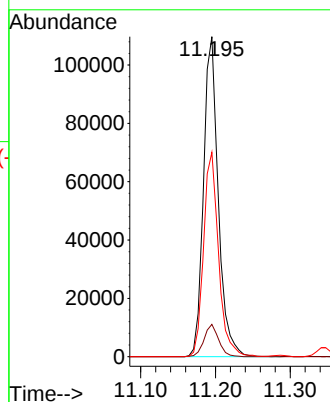
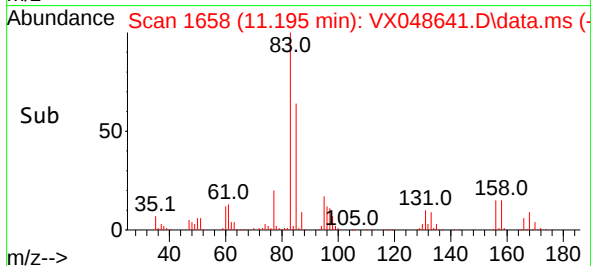
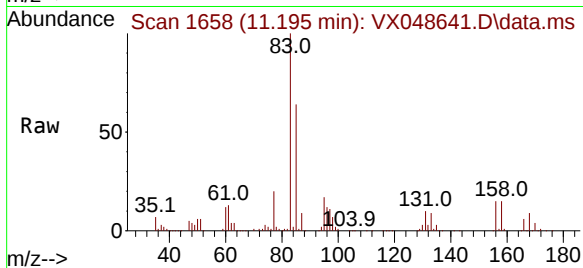
#75
1,1,2,2-Tetrachloroethane
Concen: 46.842 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15033
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.9 32.3 96.8

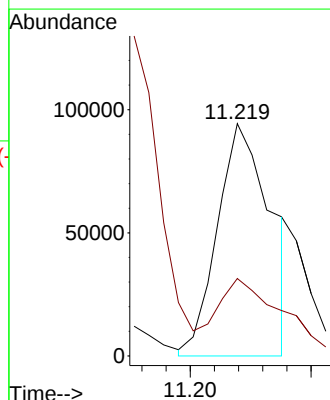
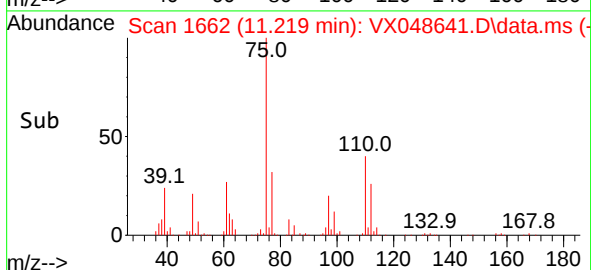
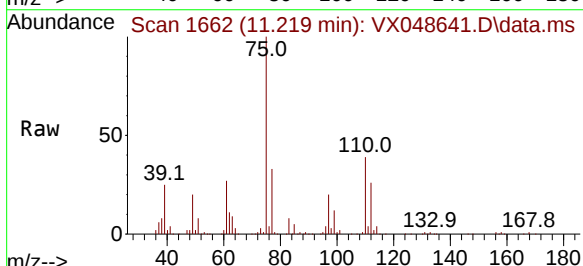
Manual Integrations
APPROVED

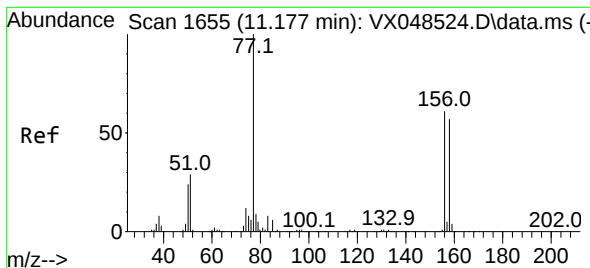
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#76
1,2,3-Trichloropropane
Concen: 47.785 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion: 75 Resp: 144332
Ion Ratio Lower Upper
75 100
77 41.2 24.3 72.8





#77

Bromobenzene

Concen: 47.264 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048641.D

Acq: 21 Nov 2025 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 111069

Ion Ratio Lower Upper

156 100

77 157.3 78.1 234.4

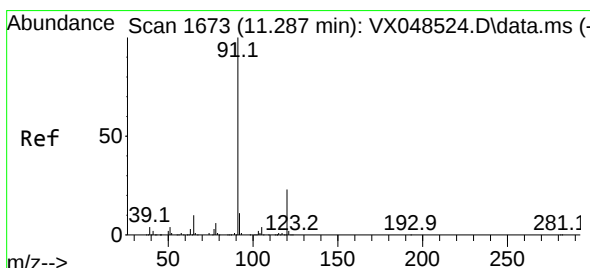
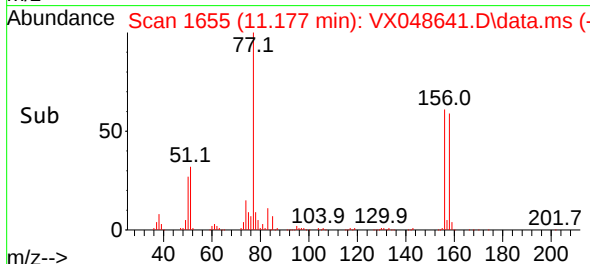
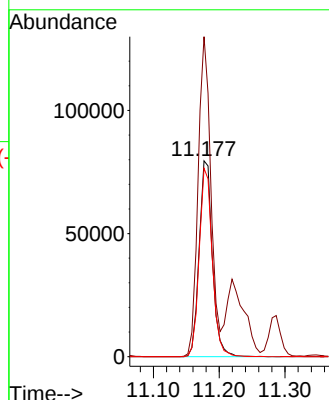
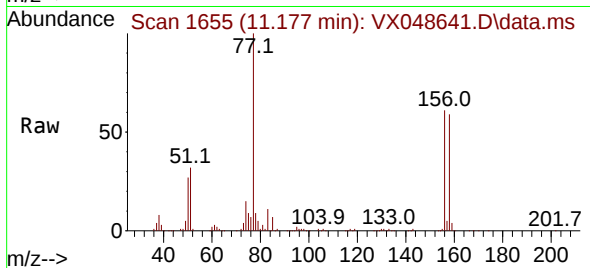
158 95.4 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2025

Supervised By :Mahesh Dadoda 11/24/2025



#78

n-propylbenzene

Concen: 49.291 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048641.D

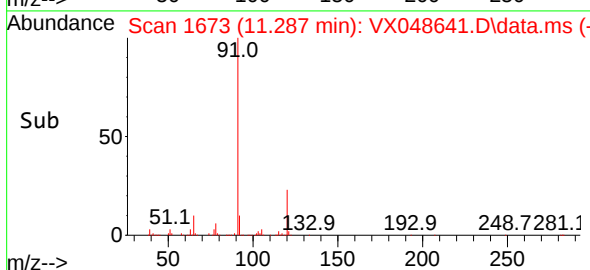
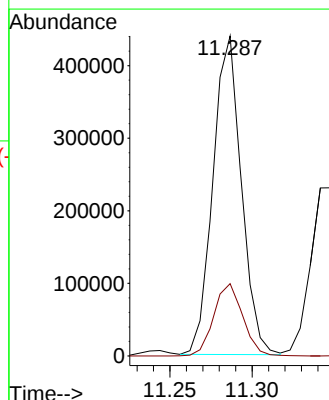
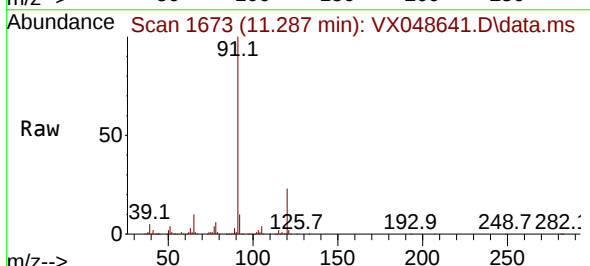
Acq: 21 Nov 2025 09:08

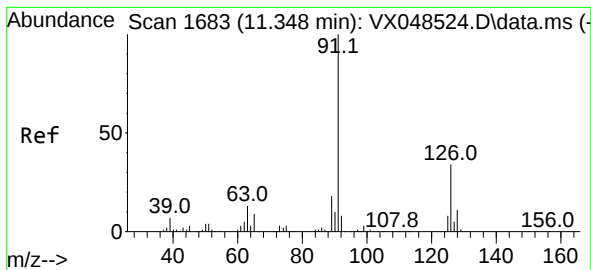
Tgt Ion: 91 Resp: 527451

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





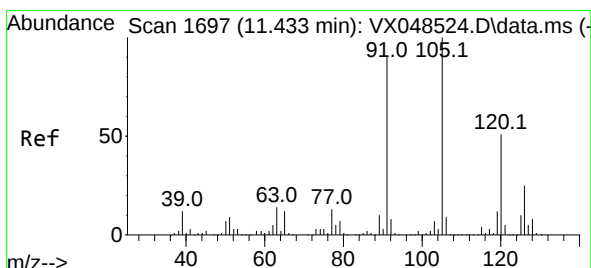
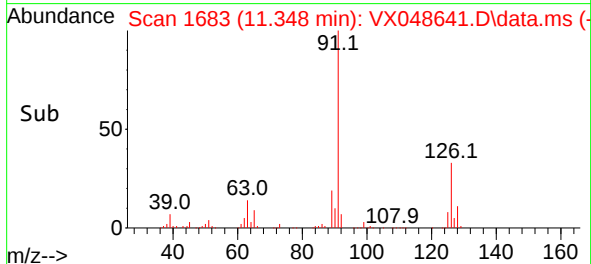
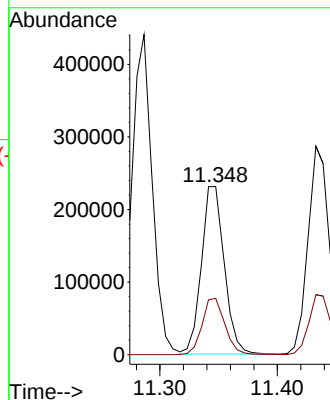
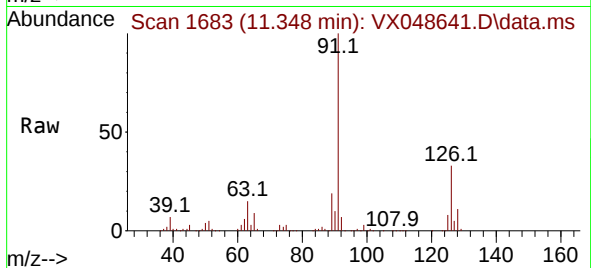
#79
2-Chlorotoluene
Concen: 48.330 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31250
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2

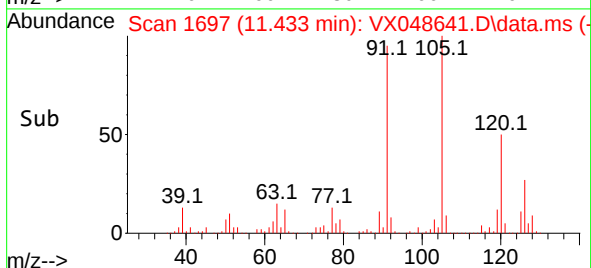
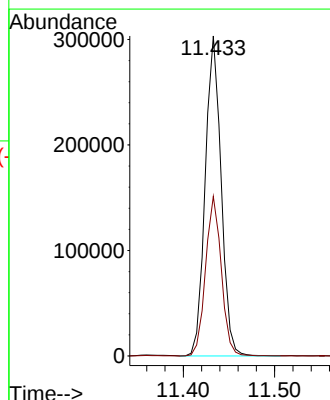
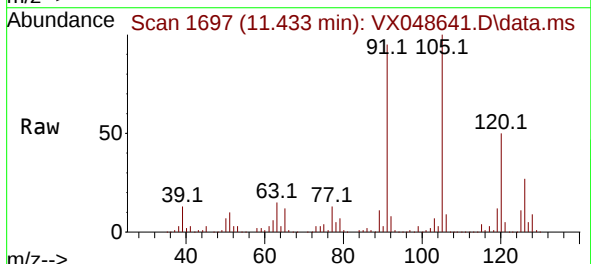
Manual Integrations
APPROVED

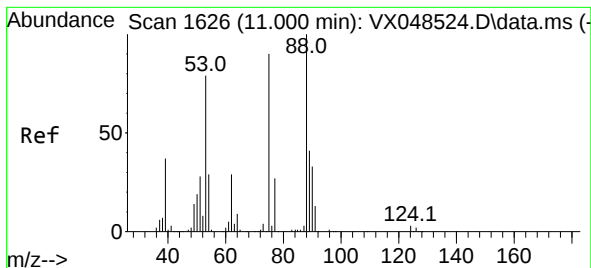
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.247 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Tgt Ion:105 Resp: 365358
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2





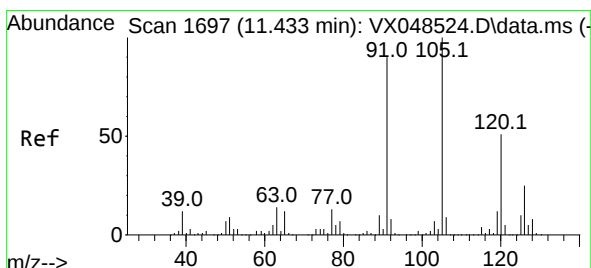
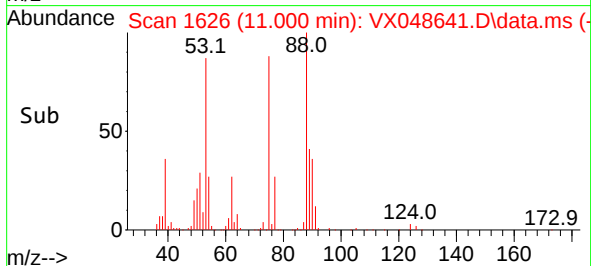
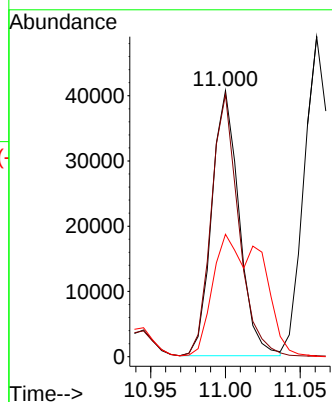
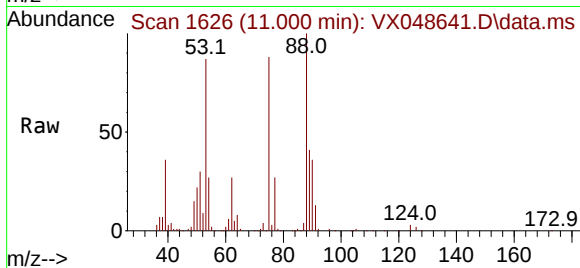
#81
trans-1,4-Dichloro-2-butene
Concen: 48.888 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 51625
Ion Ratio Lower Upper
75 100
53 99.5 72.4 108.6
89 83.7 43.6 65.4

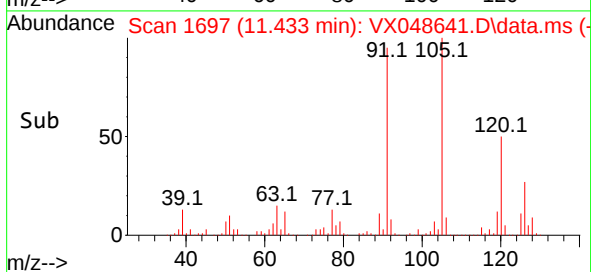
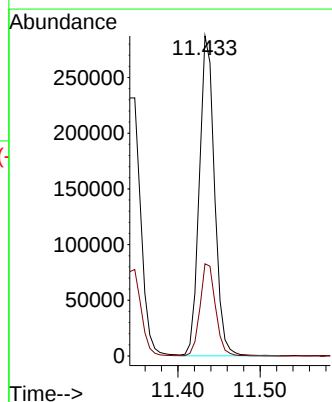
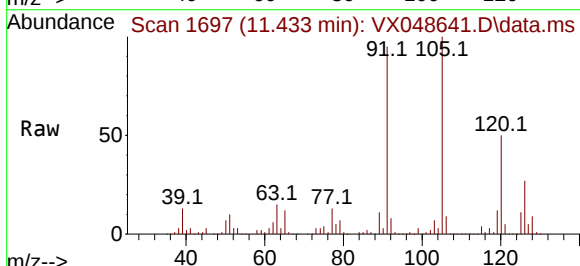
Manual Integrations
APPROVED

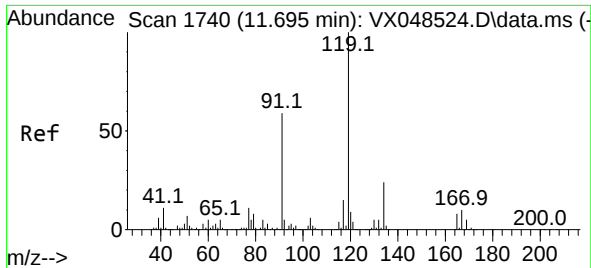
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#82
4-Chlorotoluene
Concen: 48.549 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

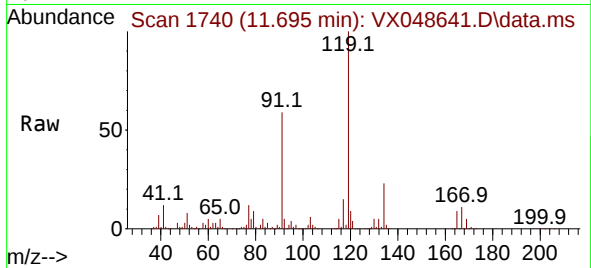
Tgt Ion: 91 Resp: 368235
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.7





#83
tert-Butylbenzene
Concen: 49.127 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

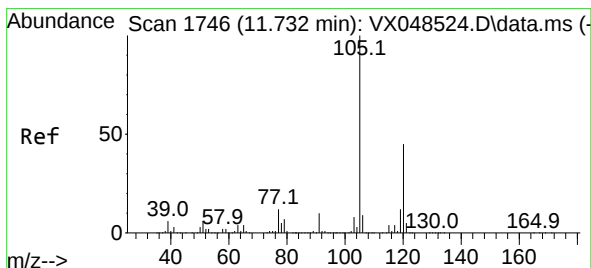
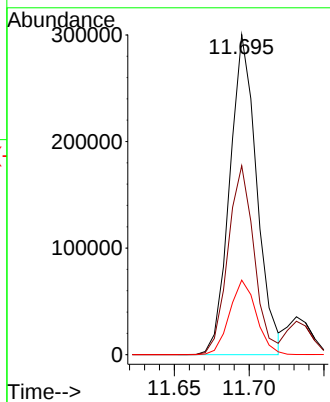
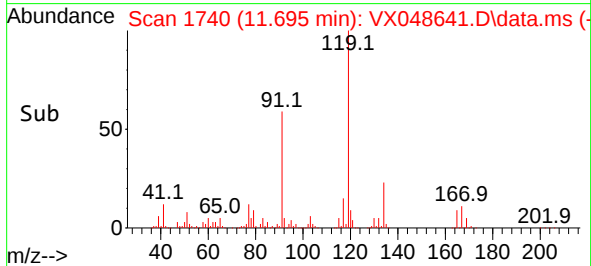
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



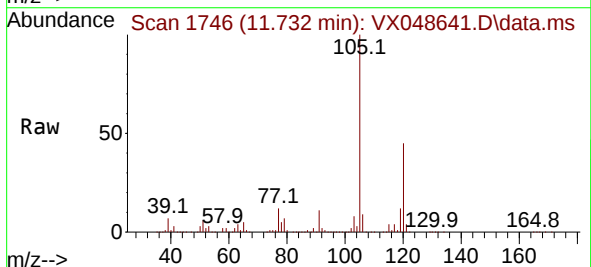
Tgt Ion:119 Resp: 376969
Ion Ratio Lower Upper
119 100
91 57.4 27.1 81.3
134 23.2 11.4 34.1

Manual Integrations
APPROVED

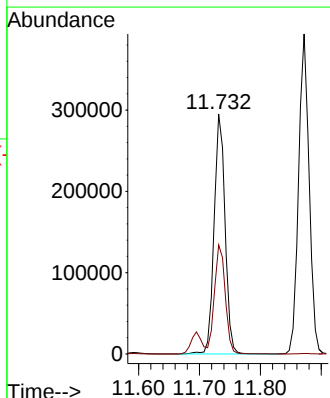
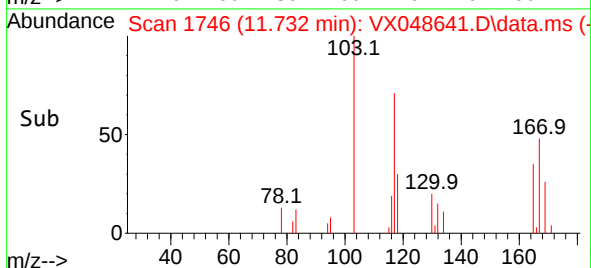
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

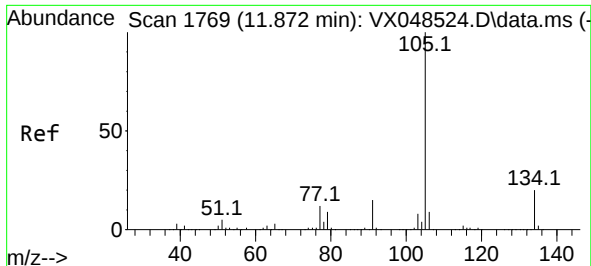


#84
1,2,4-Trimethylbenzene
Concen: 49.177 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



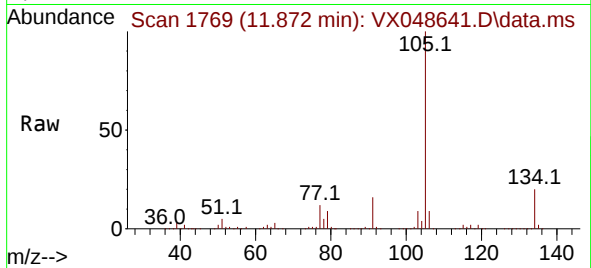
Tgt Ion:105 Resp: 368114
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.947 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048641.D
 Acq: 21 Nov 2025 09:08

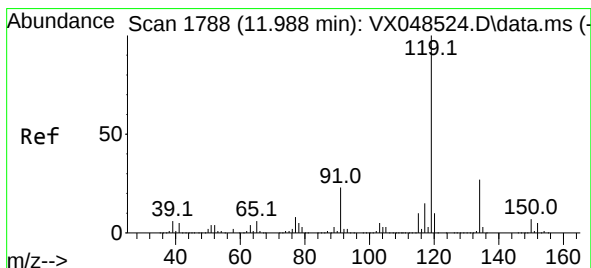
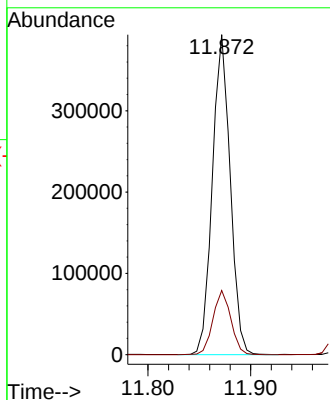
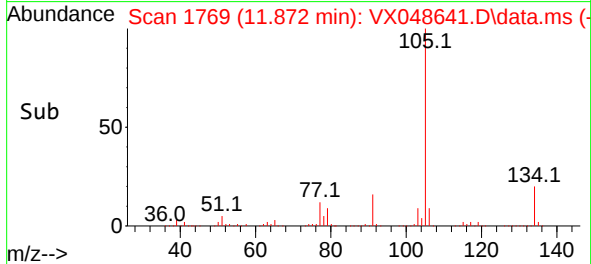
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



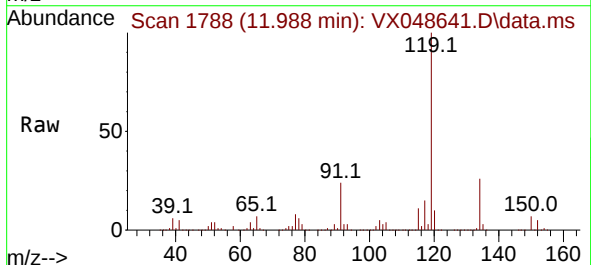
Tgt Ion:105 Resp: 47369
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
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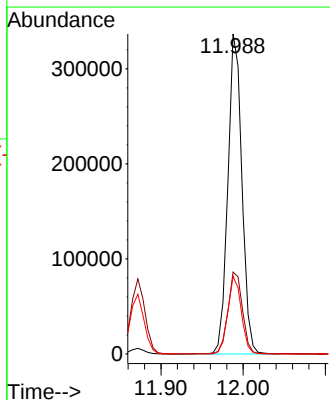
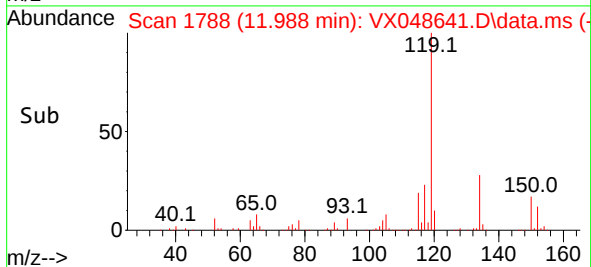
Reviewed By :John Carlone 11/24/2025
 Supervised By :Mahesh Dadoda 11/24/2025

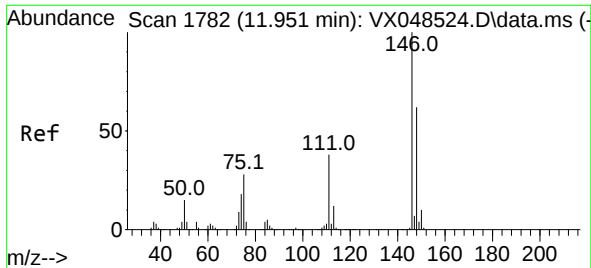


#86
 p-Isopropyltoluene
 Concen: 50.096 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048641.D
 Acq: 21 Nov 2025 09:08



Tgt Ion:119 Resp: 399435
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.7 11.3 33.9





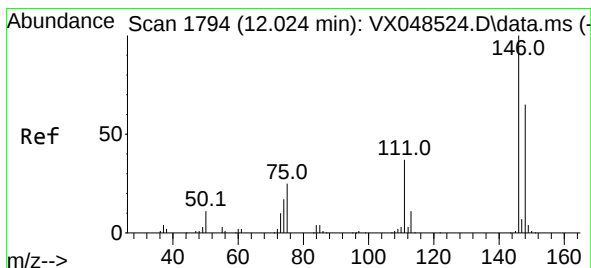
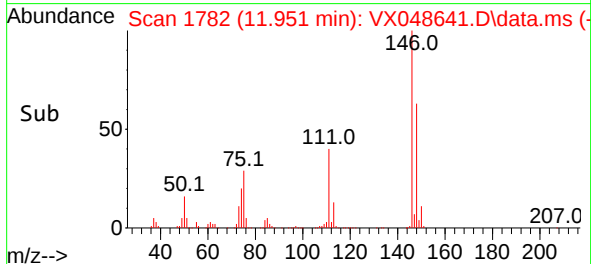
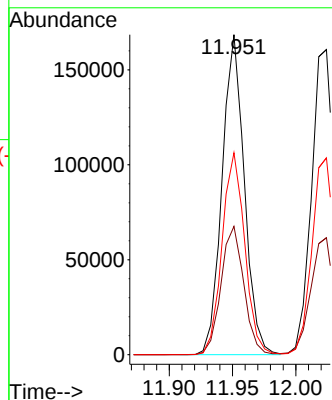
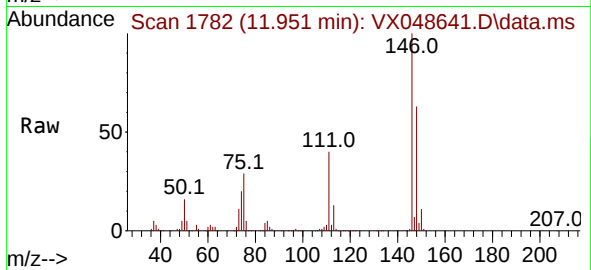
#87
1,3-Dichlorobenzene
Concen: 46.714 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 205748
Ion Ratio Lower Upper
146 100
111 41.2 19.8 59.4
148 64.3 31.6 95.0

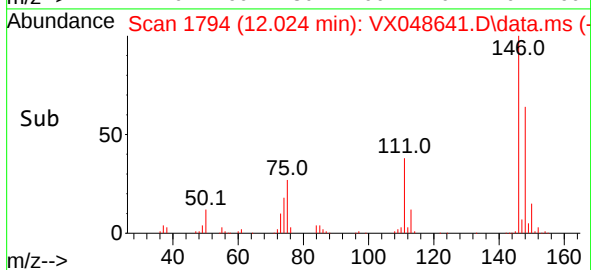
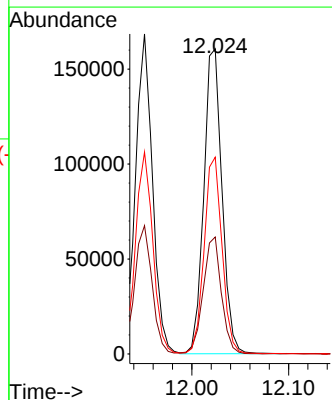
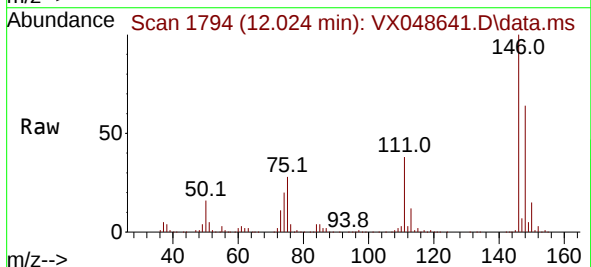
Manual Integrations
APPROVED

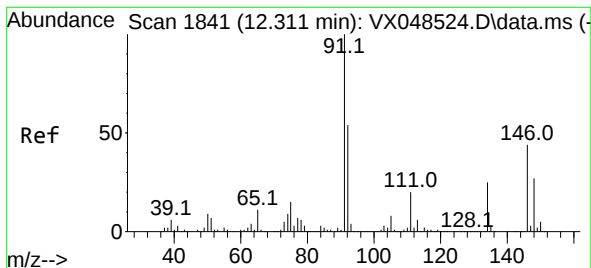
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#88
1,4-Dichlorobenzene
Concen: 46.200 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

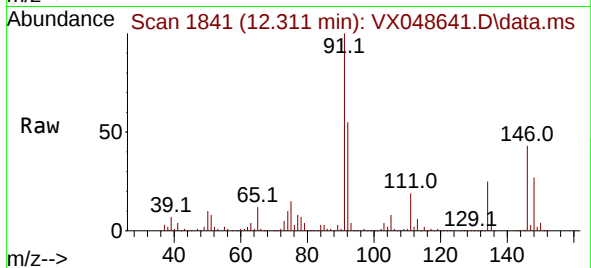
Tgt Ion:146 Resp: 210178
Ion Ratio Lower Upper
146 100
111 38.6 19.2 57.6
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 49.895 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

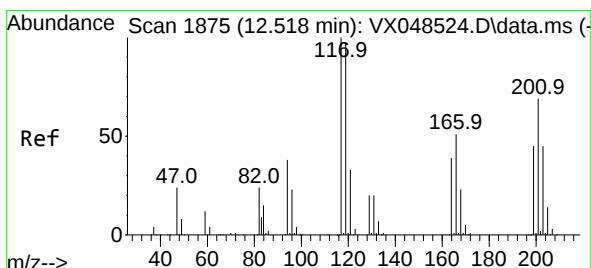
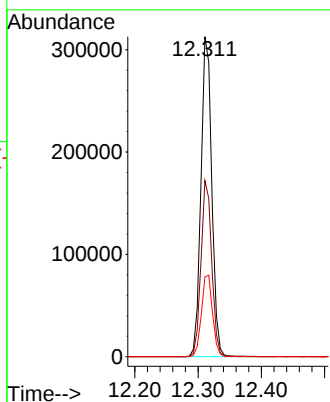
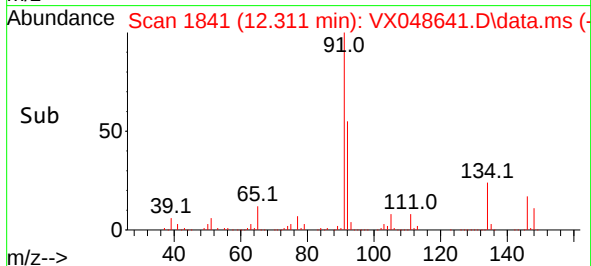
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 373200
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 26.2 13.0 39.0

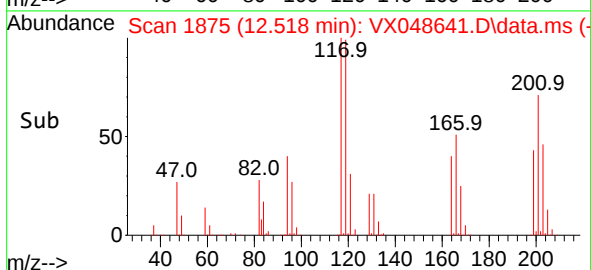
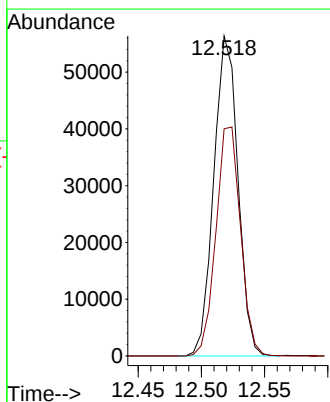
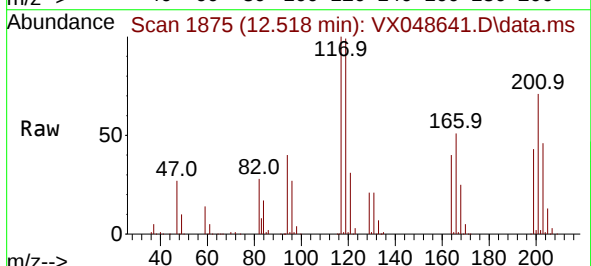
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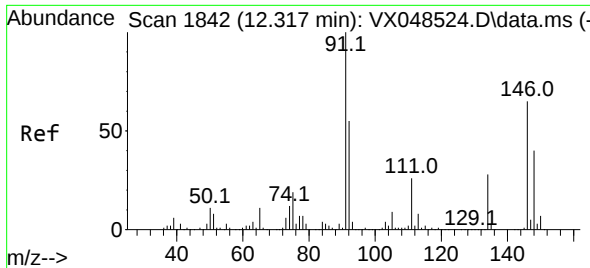
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#90
Hexachloroethane
Concen: 49.205 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

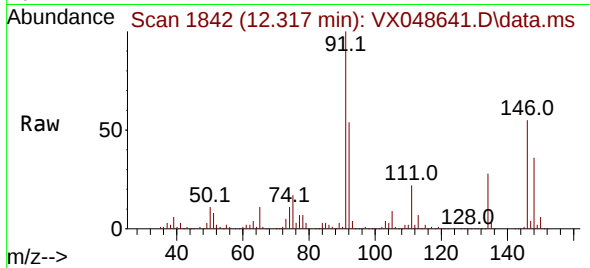
Tgt Ion:117 Resp: 74749
Ion Ratio Lower Upper
117 100
201 73.0 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 47.391 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

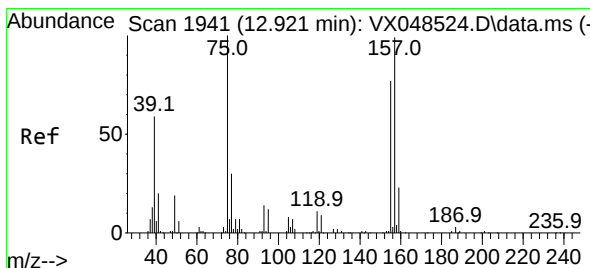
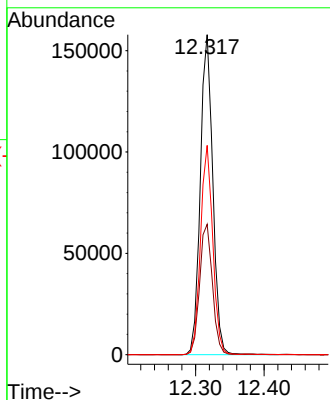
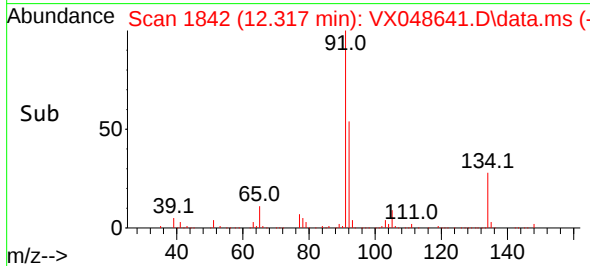
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



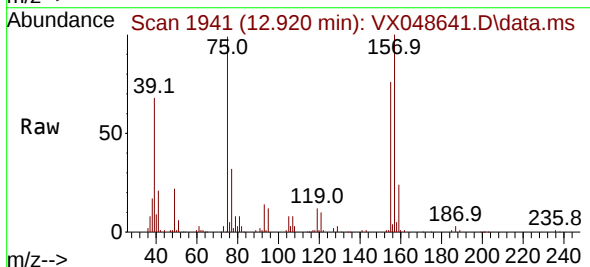
Tgt Ion:146 Resp: 200374
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.9
148 64.1 31.4 94.2

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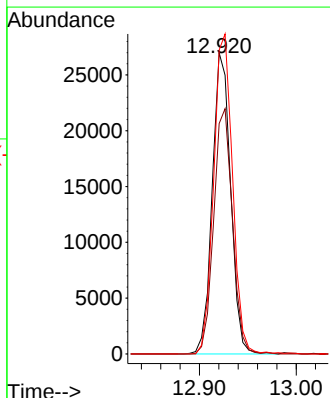
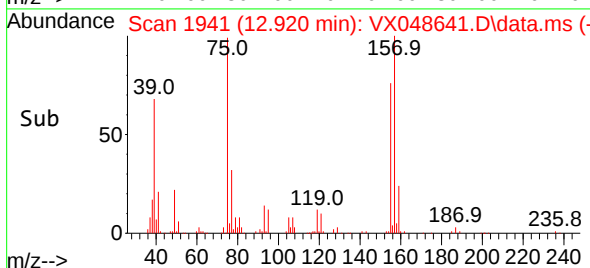
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025

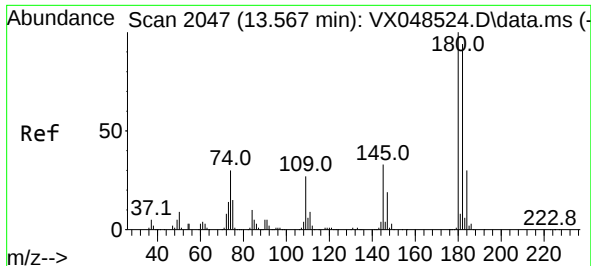


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.628 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



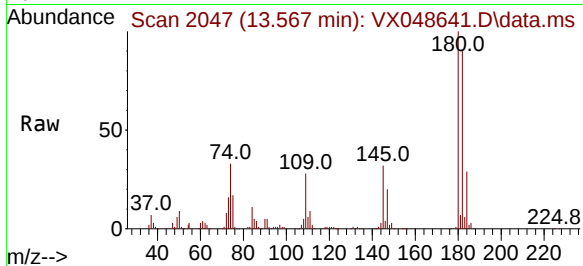
Tgt Ion: 75 Resp: 35521
Ion Ratio Lower Upper
75 100
155 83.2 43.5 130.7
157 109.5 54.8 164.4





#93
1,2,4-Trichlorobenzene
Concen: 46.431 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

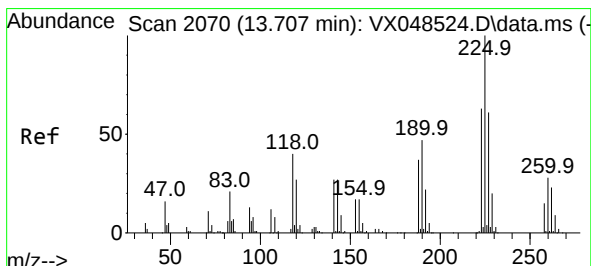
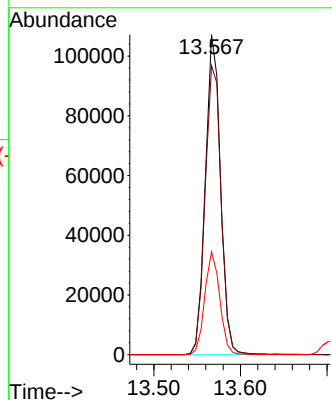
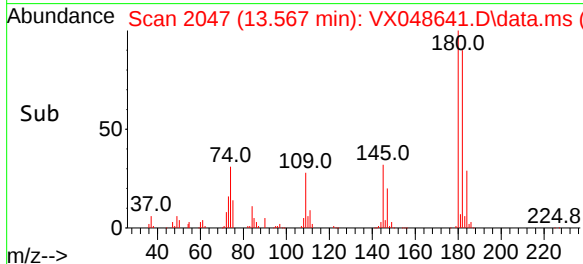
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 130458
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 31.9 15.9 47.7

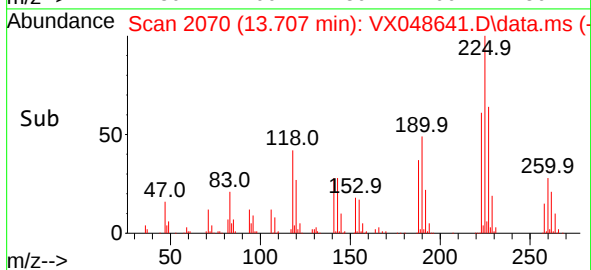
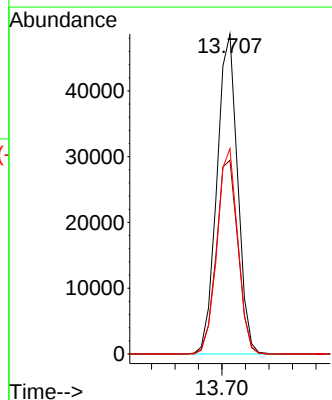
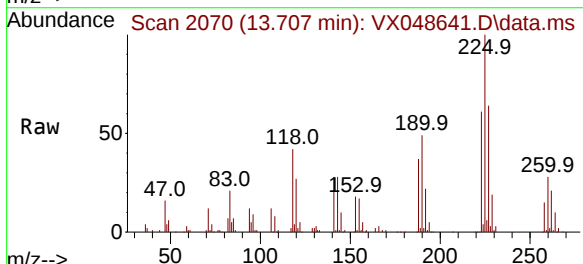
Manual Integrations
APPROVED

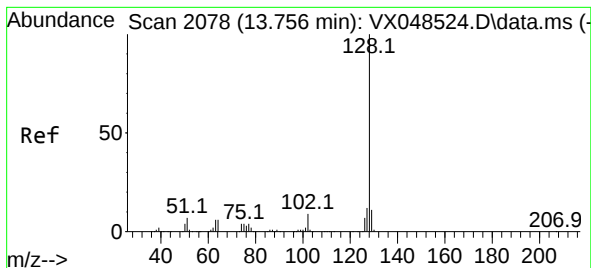
Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#94
Hexachlorobutadiene
Concen: 50.662 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

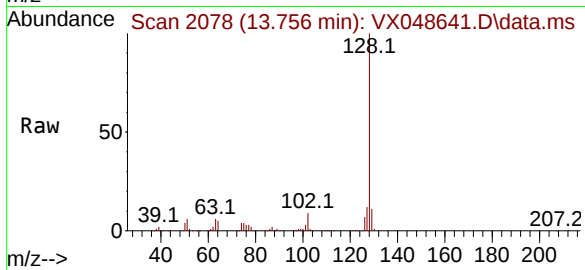
Tgt Ion:225 Resp: 59503
Ion Ratio Lower Upper
225 100
223 63.2 30.6 92.0
227 64.1 32.5 97.4





#95
Naphthalene
Concen: 52.649 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08

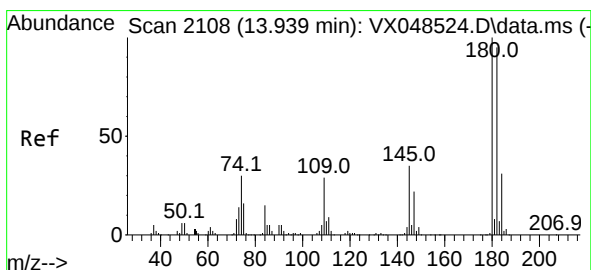
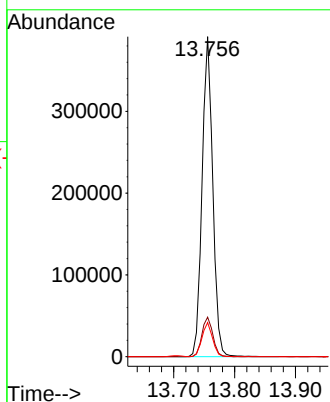
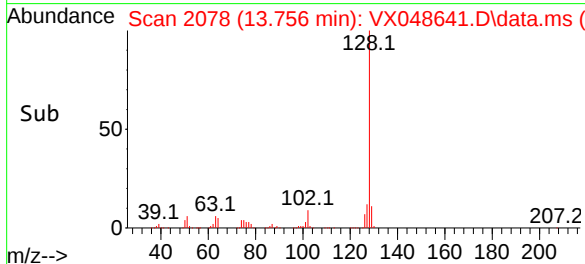
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



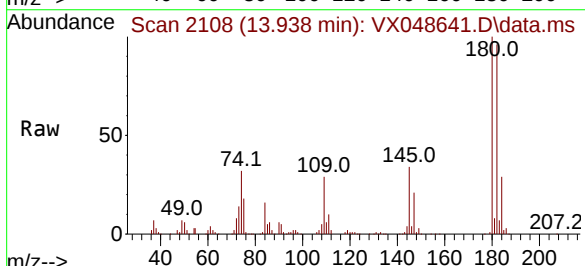
Tgt Ion:128 Resp: 47559
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.6 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 11/24/2025
Supervised By :Mahesh Dadoda 11/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.674 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048641.D
Acq: 21 Nov 2025 09:08



Tgt Ion:180 Resp: 127205
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 33.0 16.7 50.0

