

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048416.D
 Acq On : 31 Oct 2025 09:18
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Oct 31 22:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	152790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	255523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	111736	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.934	65	113499	51.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.300%	
35) Dibromofluoromethane	5.361	113	75703	51.964	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.920%	
50) Toluene-d8	8.628	98	326218	50.727	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.061	95	120070	49.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	75014	48.131	ug/l	96
3) Chloromethane	1.301	50	45644	51.908	ug/l	98
4) Vinyl Chloride	1.380	62	101174	49.809	ug/l	98
5) Bromomethane	1.618	94	40685	55.447	ug/l	99
6) Chloroethane	1.697	64	60986	50.486	ug/l	97
7) Trichlorofluoromethane	1.898	101	153970	49.465	ug/l	99
8) Diethyl Ether	2.130	74	58371	51.886	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	85744	48.973	ug/l	97
10) Methyl Iodide	2.453	142	339008	48.152	ug/l	98
11) Tert butyl alcohol	2.928	59	42503	252.471	ug/l	98
12) 1,1-Dichloroethene	2.325	96	88655	49.850	ug/l	91
13) Acrolein	2.233	56	98542	280.429	ug/l	100
14) Allyl chloride	2.660	41	151934	50.448	ug/l	97
15) Acrylonitrile	3.050	53	204878	267.516	ug/l	99
16) Acetone	2.367	43	126129	253.262	ug/l	100
17) Carbon Disulfide	2.514	76	254137	49.839	ug/l	100
18) Methyl Acetate	2.697	43	84085	50.482	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	297192	52.184	ug/l	97
20) Methylene Chloride	2.782	84	99202	51.674	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	94332	49.938	ug/l	99
22) Diisopropyl ether	3.745	45	324559	52.650	ug/l	88
23) Vinyl Acetate	3.709	43	1115978	265.943	ug/l	97
24) 1,1-Dichloroethane	3.599	63	177039	50.605	ug/l	99
25) 2-Butanone	4.532	43	203957	256.360	ug/l	97
26) 2,2-Dichloropropane	4.458	77	151759	50.381	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	114120	50.620	ug/l	98
28) Bromochloromethane	4.879	49	83225	52.491	ug/l	93
29) Tetrahydrofuran	4.977	42	143309	252.936	ug/l	98
30) Chloroform	5.074	83	179084	49.762	ug/l	98
31) Cyclohexane	5.452	56	144767	47.672	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	158417	49.863	ug/l	99
36) 1,1-Dichloropropene	5.672	75	119169	48.711	ug/l	98
37) Ethyl Acetate	4.684	43	106033	50.871	ug/l	97
38) Carbon Tetrachloride	5.660	117	136272	48.243	ug/l	99
39) Methylcyclohexane	7.360	83	148486	47.197	ug/l	96
40) Benzene	6.019	78	376035	50.313	ug/l	97

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	58133	55.371	ug/l	96
42) 1,2-Dichloroethane	6.062	62	134546	51.109	ug/l	98
43) Isopropyl Acetate	6.312	43	181673	52.793	ug/l	97
44) Trichloroethene	7.104	130	98438	50.271	ug/l	96
45) 1,2-Dichloropropane	7.409	63	94277	50.508	ug/l	100
46) Dibromomethane	7.556	93	66880	51.183	ug/l	97
47) Bromodichloromethane	7.799	83	144278	51.967	ug/l	99
48) Methyl methacrylate	7.671	41	90597	53.986	ug/l	96
49) 1,4-Dioxane	7.641	88	21610	1132.935	ug/l	92
51) 4-Methyl-2-Pentanone	8.549	43	493476	257.669	ug/l	96
52) Toluene	8.702	92	236939	50.735	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	135417	53.813	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	143774	53.029	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	86495	51.179	ug/l	97
56) Ethyl methacrylate	9.098	69	131183	53.010	ug/l	97
57) 1,3-Dichloropropane	9.287	76	148498	50.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	380217	257.663	ug/l	97
59) 2-Hexanone	9.409	43	320230	256.975	ug/l	97
60) Dibromochloromethane	9.500	129	107576	51.467	ug/l	99
61) 1,2-Dibromoethane	9.592	107	90387	51.697	ug/l	97
64) Tetrachloroethene	9.256	164	89451	48.456	ug/l	98
65) Chlorobenzene	10.061	112	258503	48.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.140	131	91596	50.990	ug/l	100
67) Ethyl Benzene	10.177	91	445293	50.079	ug/l	98
68) m/p-Xylenes	10.281	106	339842	100.942	ug/l	96
69) o-Xylene	10.622	106	162637	50.552	ug/l	97
70) Styrene	10.634	104	282650	51.862	ug/l	99
71) Bromoform	10.781	173	67415	51.879	ug/l #	100
73) Isopropylbenzene	10.945	105	415638	50.292	ug/l	99
74) N-amyl acetate	10.823	43	154874	52.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	104968	50.143	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	113598	70.693	ug/l	85
77) Bromobenzene	11.177	156	103330	50.614	ug/l	96
78) n-propylbenzene	11.287	91	489090	50.071	ug/l	98
79) 2-Chlorotoluene	11.348	91	294010	50.133	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	347518	51.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	25635	55.207	ug/l #	54
82) 4-Chlorotoluene	11.433	91	345977	50.182	ug/l	97
83) tert-Butylbenzene	11.695	119	336164	48.741	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	348276	51.921	ug/l	99
85) sec-Butylbenzene	11.872	105	426930	49.679	ug/l	100
86) p-Isopropyltoluene	11.988	119	364568	50.180	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	186450	47.822	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	190416	47.952	ug/l	99
89) n-Butylbenzene	12.311	91	335539	49.190	ug/l	98
90) Hexachloroethane	12.518	117	64583	50.589	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	181779	50.313	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20863	50.896	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	123235	49.430	ug/l	99
94) Hexachlorobutadiene	13.707	225	49140	46.989	ug/l	97
95) Naphthalene	13.756	128	330326	52.461	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	114145	50.405	ug/l	97

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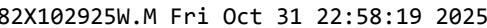
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MSVOA_X
ClientSampleId :
VSTDCCC050

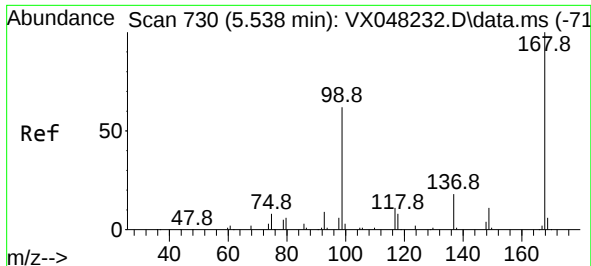
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Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

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

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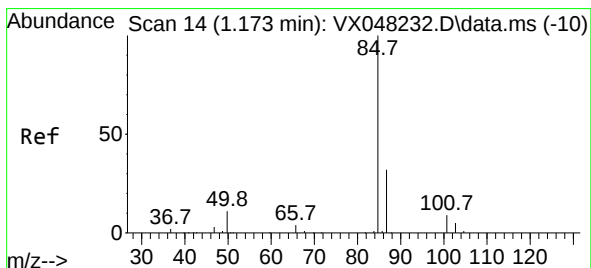
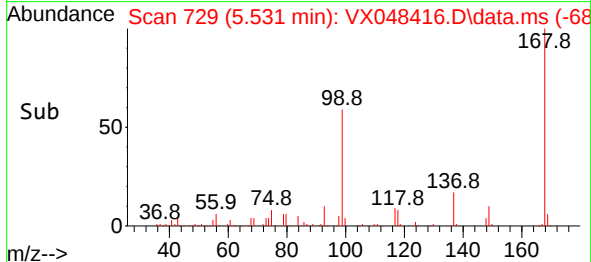
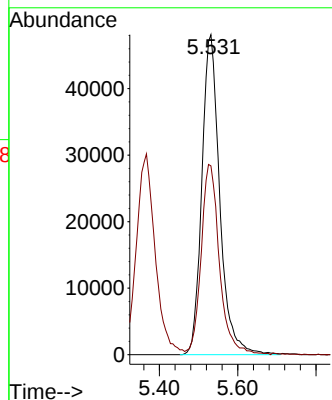
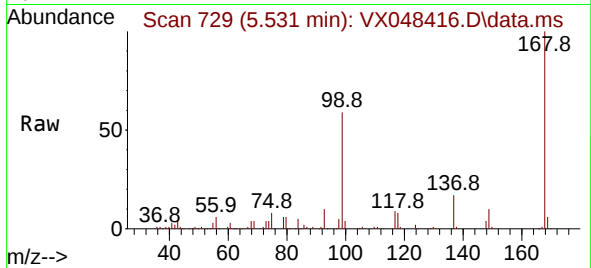




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048416.D
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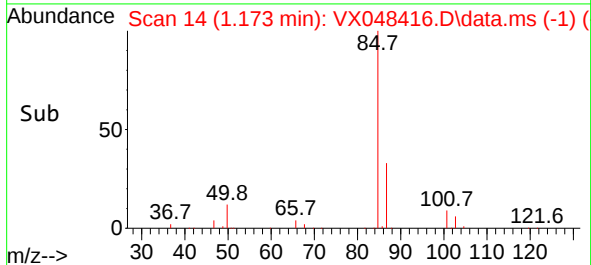
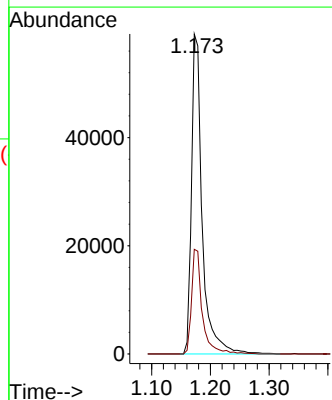
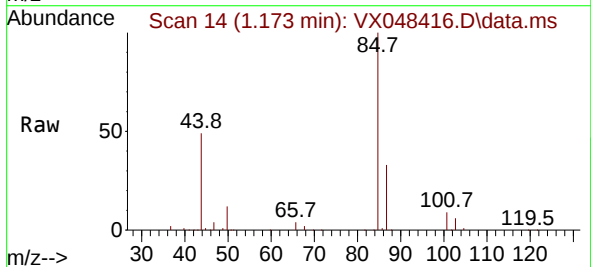
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

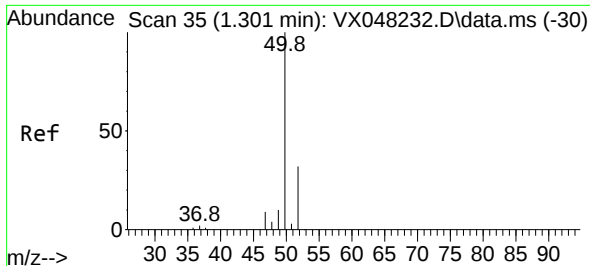
Tgt Ion:168 Resp: 152790
Ion Ratio Lower Upper
168 100
99 58.8 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 48.131 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 85 Resp: 75014
Ion Ratio Lower Upper
85 100
87 32.7 15.3 45.9

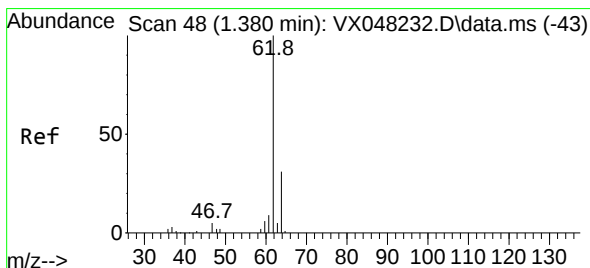
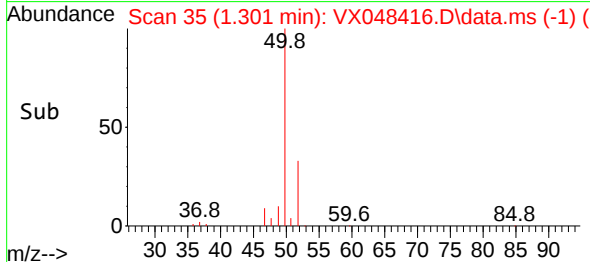
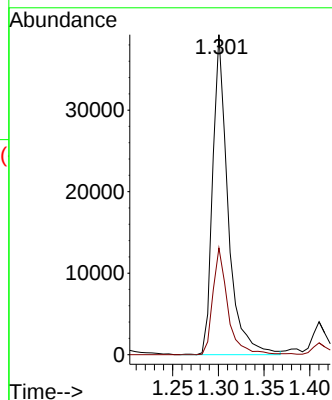
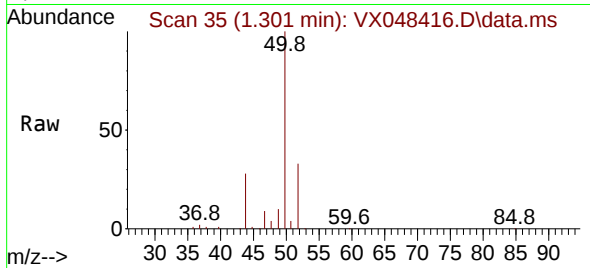




#3
Chloromethane
Concen: 51.908 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

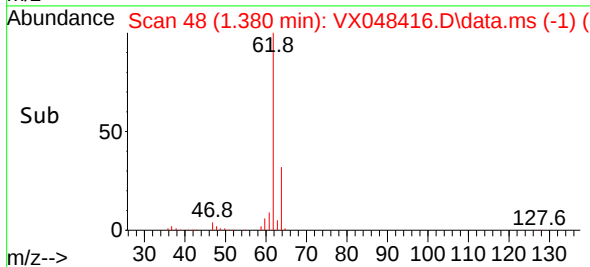
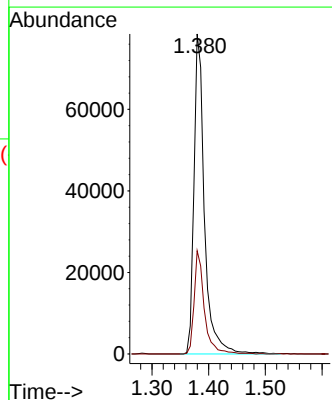
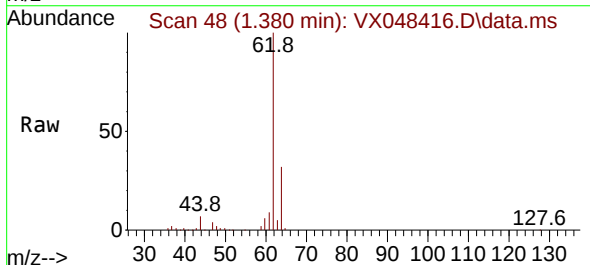
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

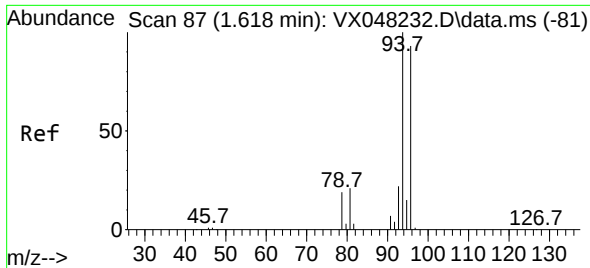
Tgt Ion: 50 Resp: 45644
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 49.809 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 62 Resp: 101174
Ion Ratio Lower Upper
62 100
64 32.3 25.1 37.7

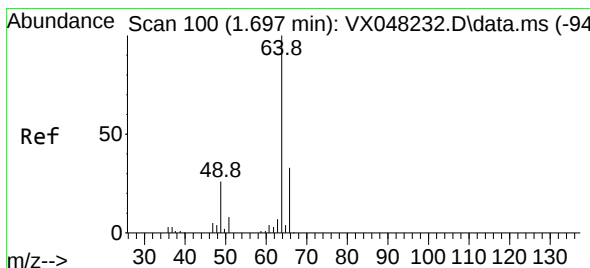
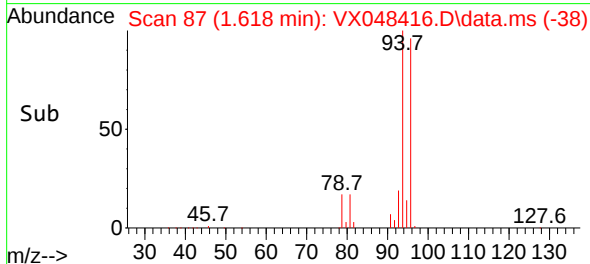
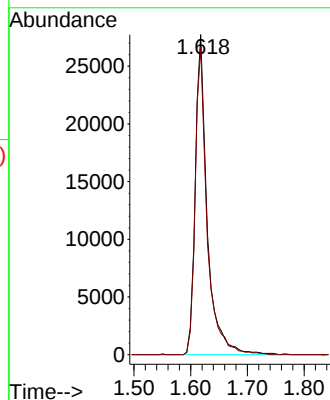
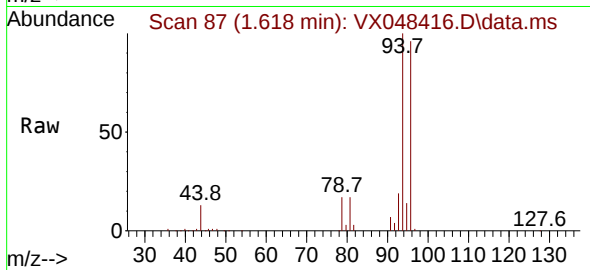




#5
 Bromomethane
 Concen: 55.447 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

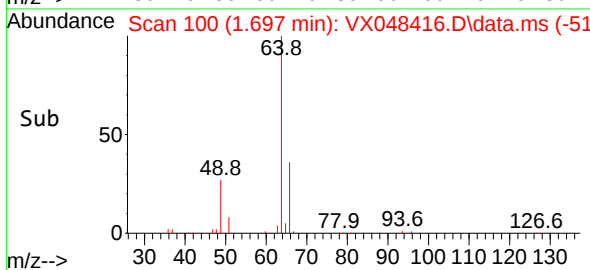
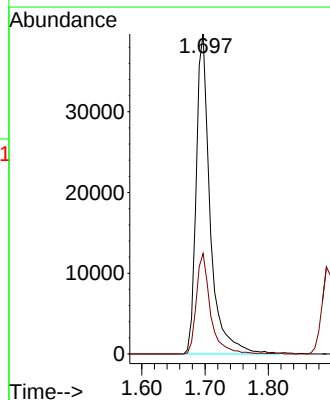
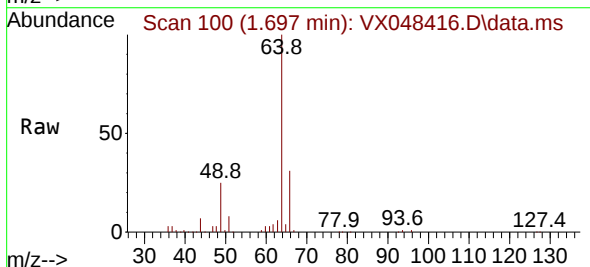
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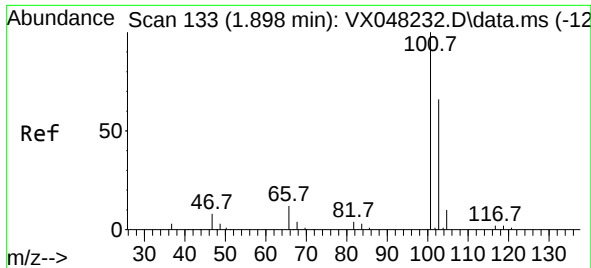
Tgt Ion: 94 Resp: 40685
 Ion Ratio Lower Upper
 94 100
 96 96.1 76.0 114.0



#6
 Chloroethane
 Concen: 50.486 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

Tgt Ion: 64 Resp: 60986
 Ion Ratio Lower Upper
 64 100
 66 31.4 23.9 35.9

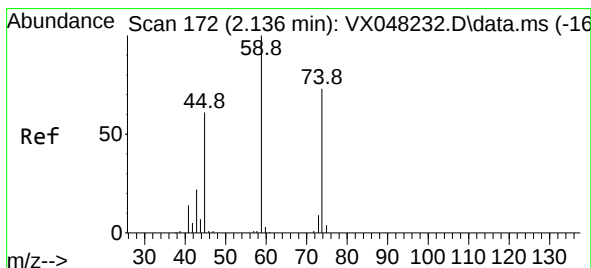
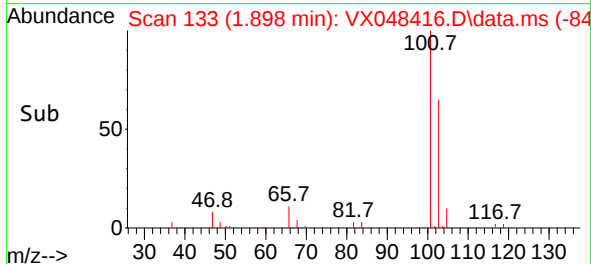
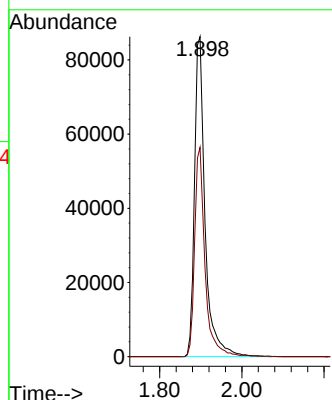
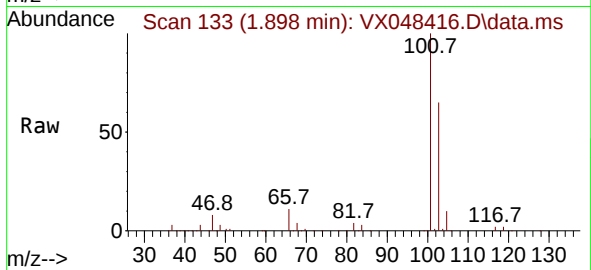




#7
 Trichlorofluoromethane
 Concen: 49.465 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

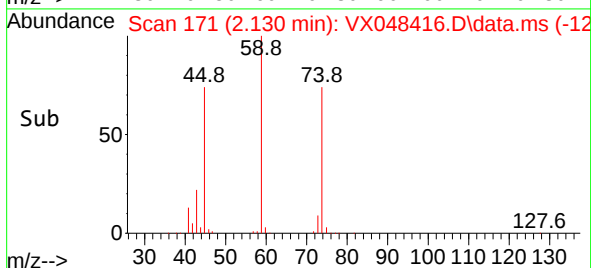
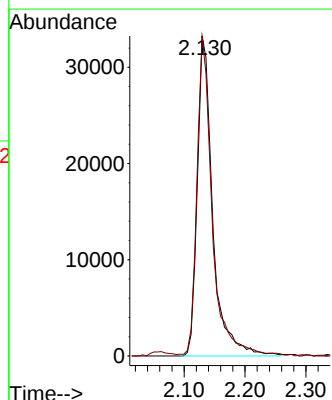
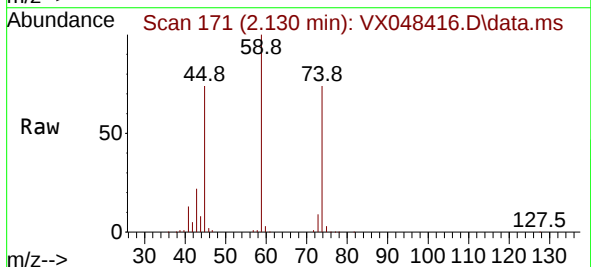
Instrument :
 MSVOA_X
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 VSTDCCC050

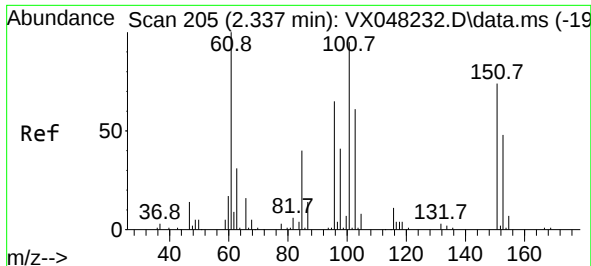
Tgt Ion:101 Resp: 153970
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 51.886 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

Tgt Ion: 74 Resp: 58371
 Ion Ratio Lower Upper
 74 100
 45 99.6 50.0 149.8

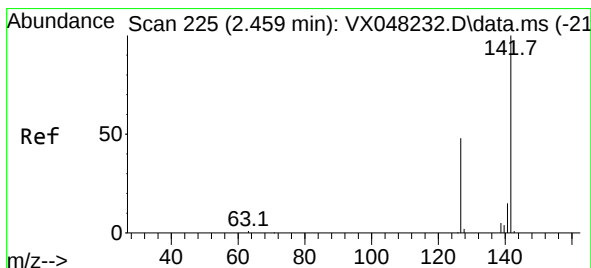
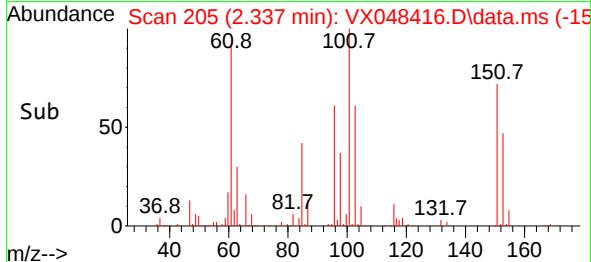
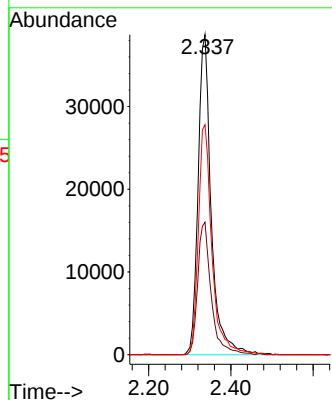
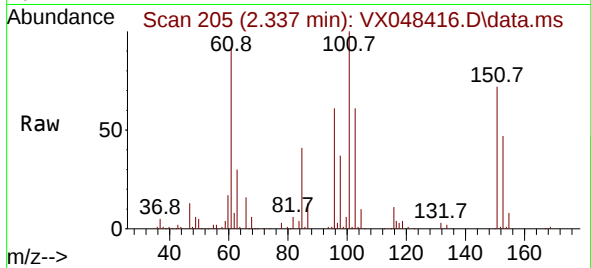




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.973 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

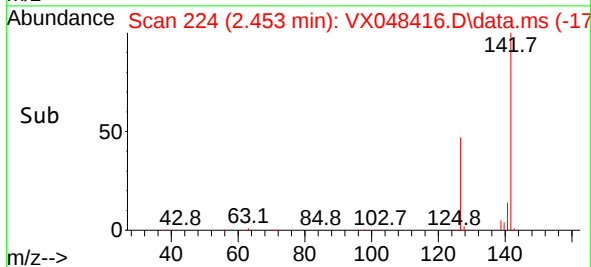
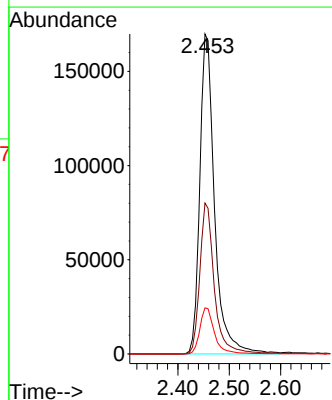
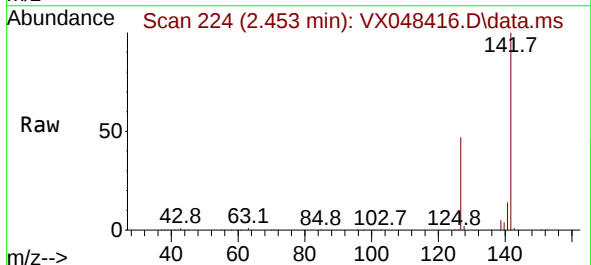
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

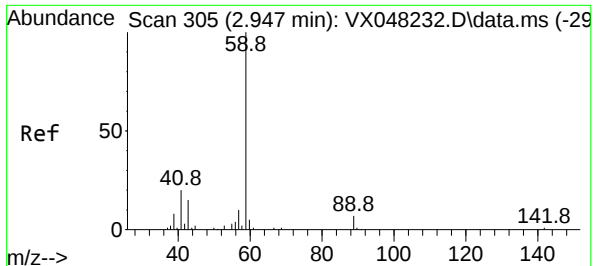
Tgt Ion:101 Resp: 85744
Ion Ratio Lower Upper
101 100
85 42.6 35.6 53.4
151 74.4 58.0 87.0



#10
Methyl Iodide
Concen: 48.152 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion:142 Resp: 339008
Ion Ratio Lower Upper
142 100
127 46.6 38.5 57.7
141 14.4 11.6 17.4

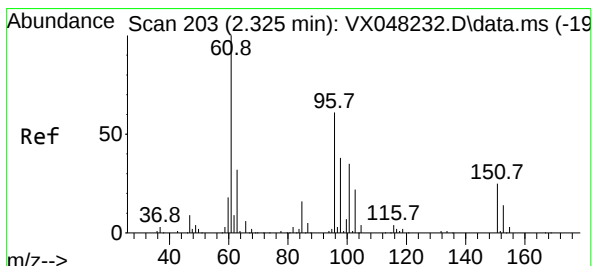
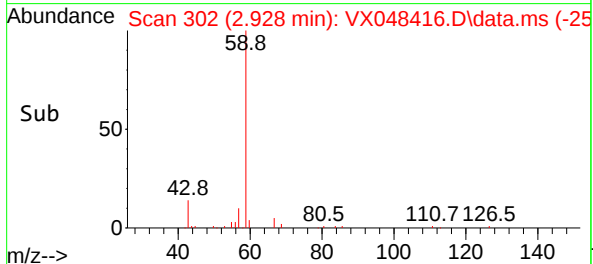
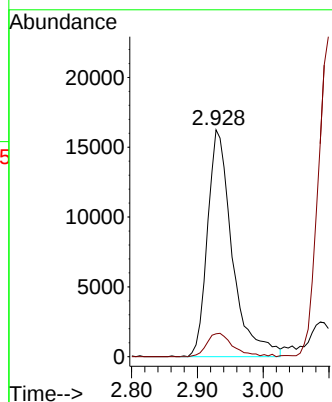
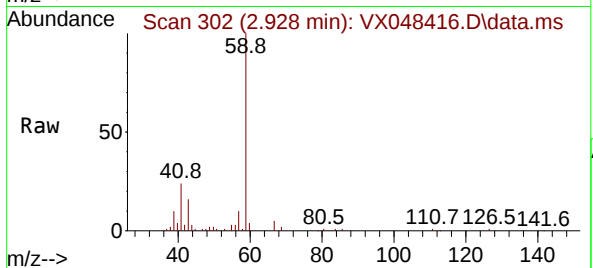




#11
Tert butyl alcohol
Concen: 252.471 ug/l
RT: 2.928 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

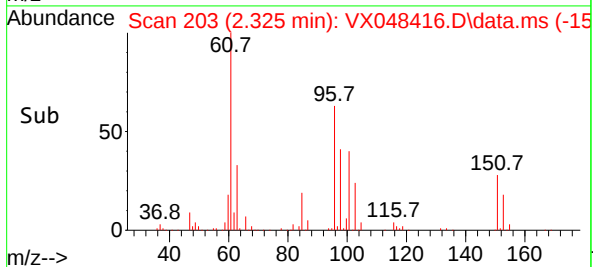
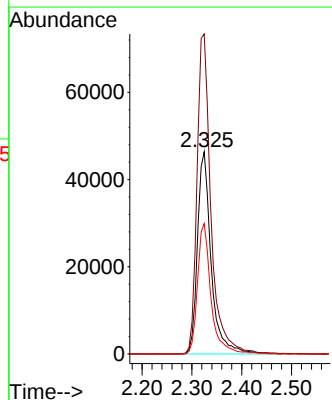
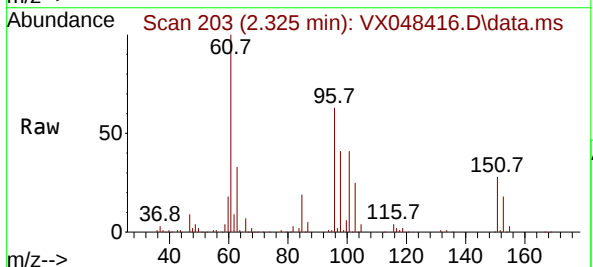
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

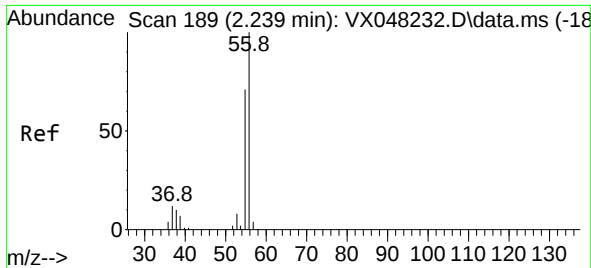
Tgt Ion: 59 Resp: 42503
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.850 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 96 Resp: 88655
Ion Ratio Lower Upper
96 100
61 158.2 139.0 208.6
98 64.5 52.4 78.6

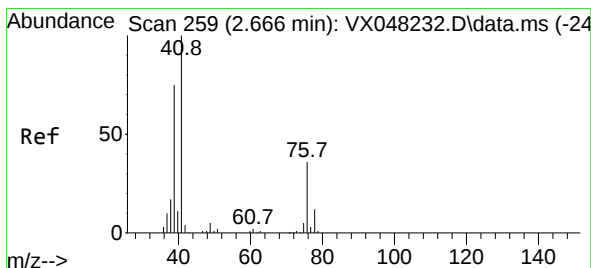
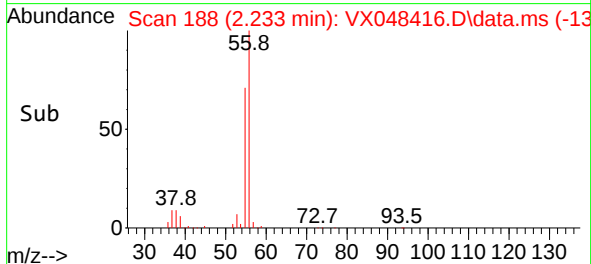
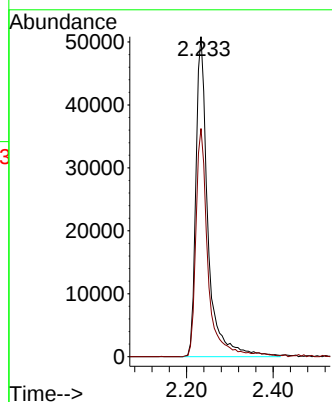
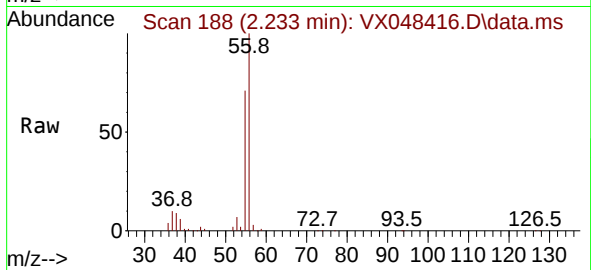




#13
Acrolein
Concen: 280.429 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

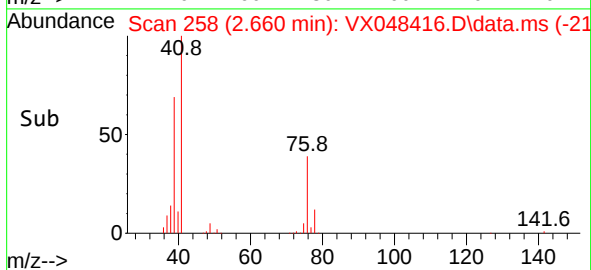
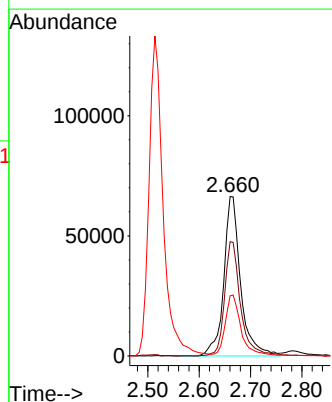
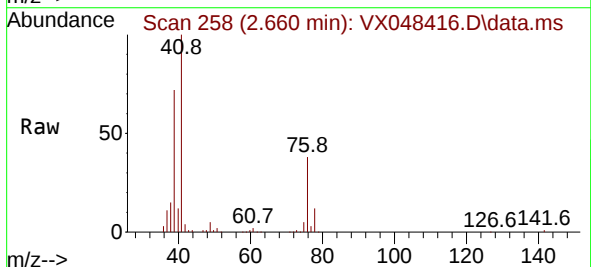
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 98542
Ion Ratio Lower Upper
56 100
55 70.3 56.1 84.1



#14
Allyl chloride
Concen: 50.448 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 41 Resp: 151934
Ion Ratio Lower Upper
41 100
39 67.9 56.0 84.0
76 36.3 27.5 41.3

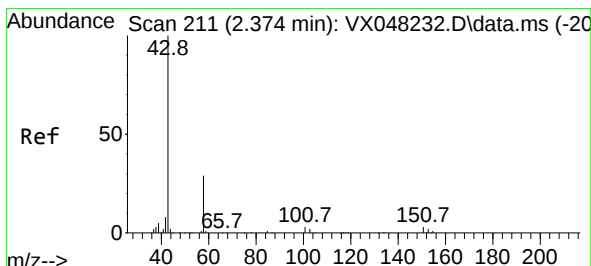
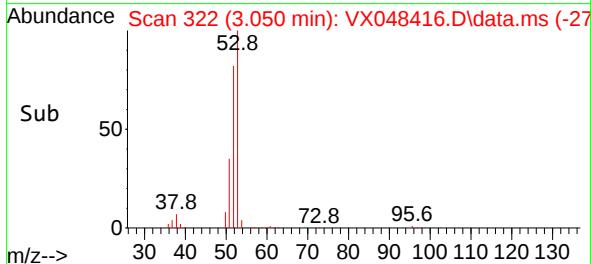
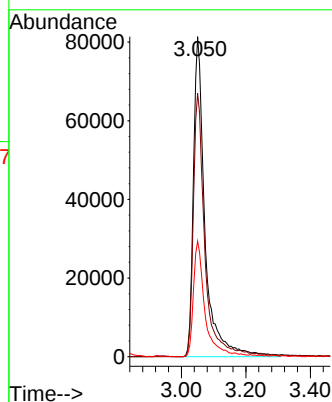
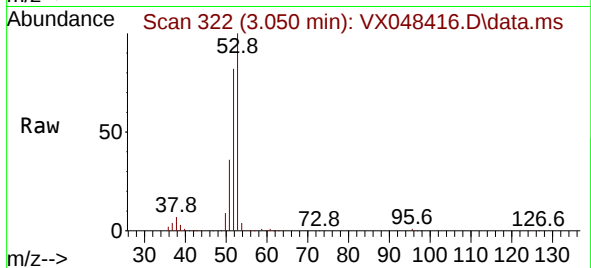




#15
Acrylonitrile
Concen: 267.516 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

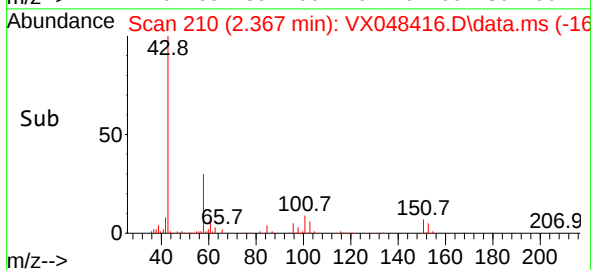
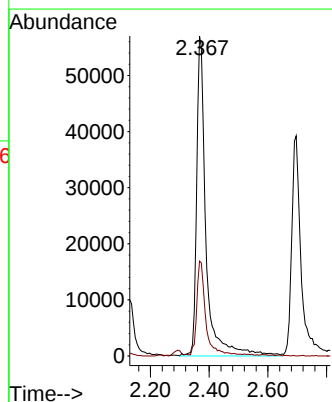
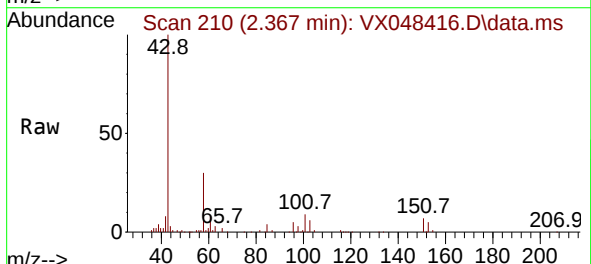
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

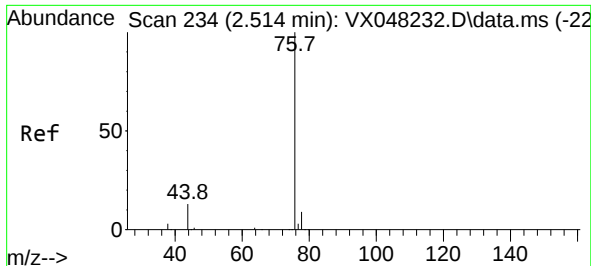
Tgt Ion: 53 Resp: 204878
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 35.8 29.0 43.4



#16
Acetone
Concen: 253.262 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 43 Resp: 126129
Ion Ratio Lower Upper
43 100
58 29.3 23.4 35.2





#17

Carbon Disulfide

Concen: 49.839 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

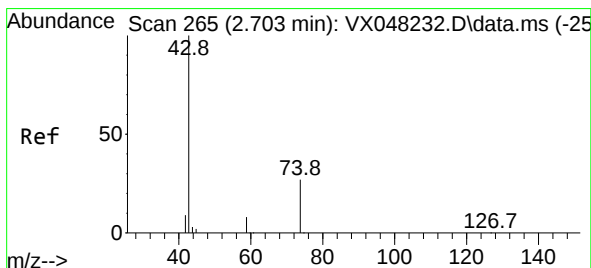
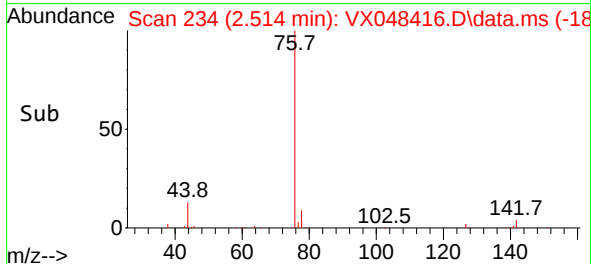
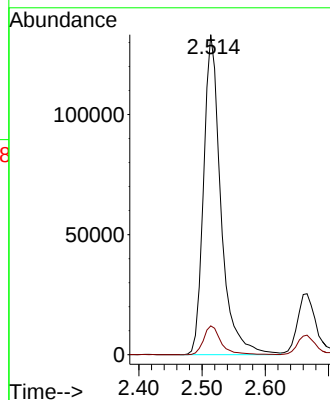
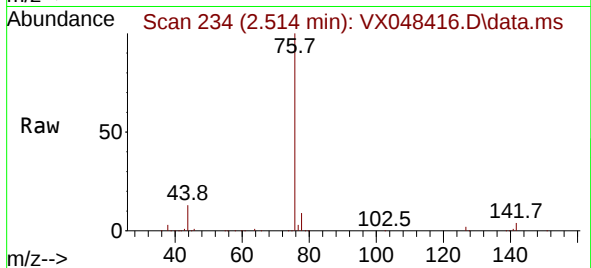
VSTDCCC050

Tgt Ion: 76 Resp: 254137

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 50.482 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX048416.D

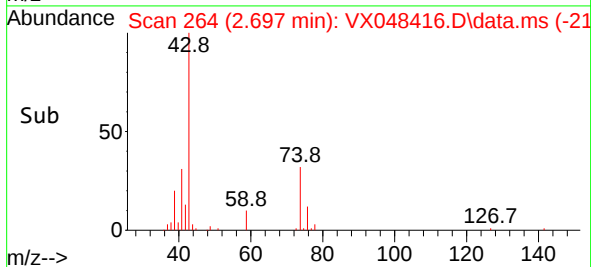
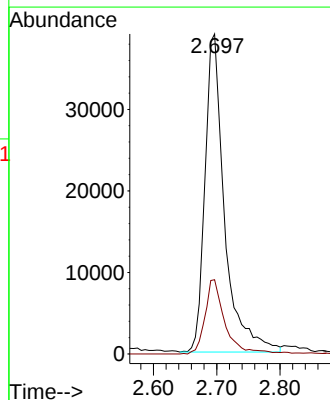
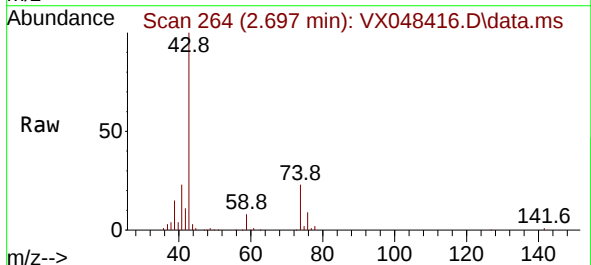
Acq: 31 Oct 2025 09:18

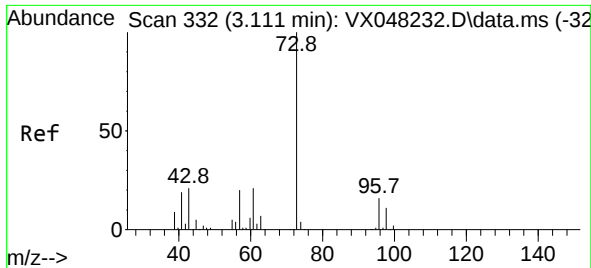
Tgt Ion: 43 Resp: 84085

Ion Ratio Lower Upper

43 100

74 23.7 17.5 26.3

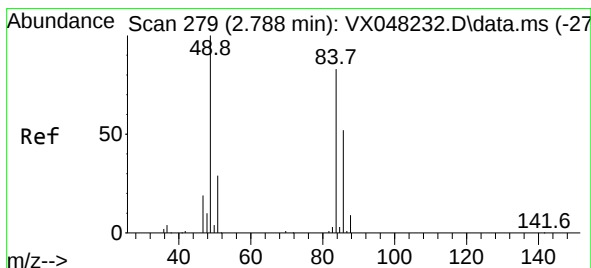
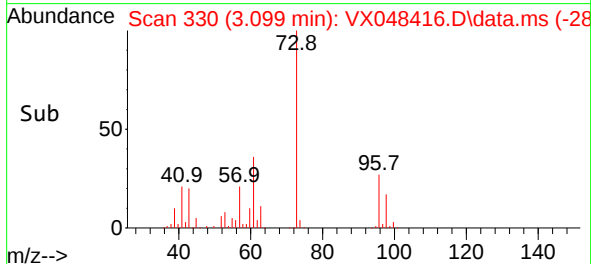
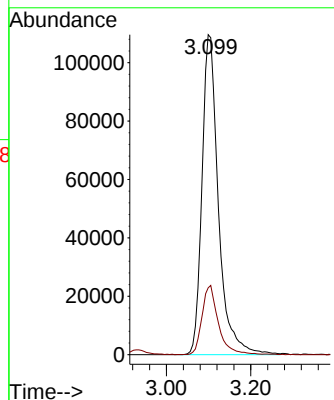
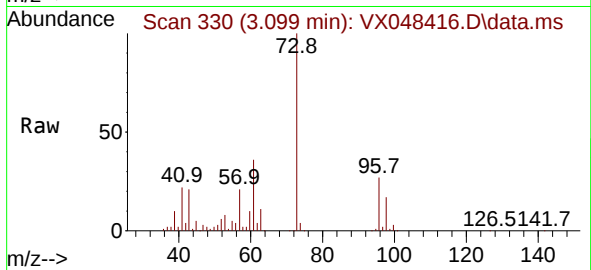




#19
Methyl tert-butyl Ether
Concen: 52.184 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

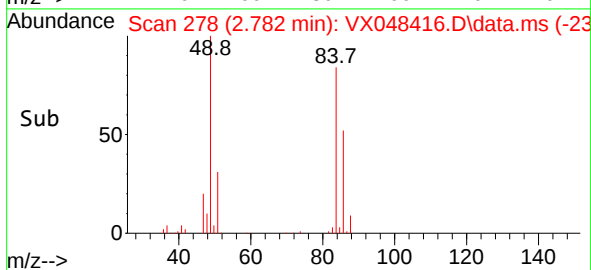
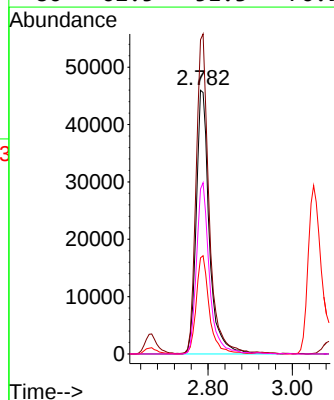
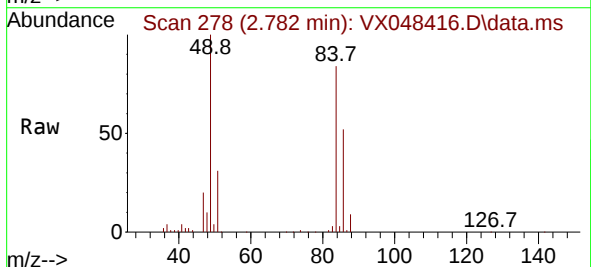
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

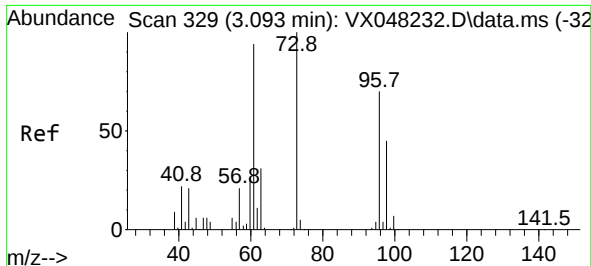
Tgt Ion: 73 Resp: 297192
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 51.674 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 84 Resp: 99202
Ion Ratio Lower Upper
84 100
49 119.0 104.1 156.1
51 36.5 31.3 46.9
86 62.5 51.3 76.9

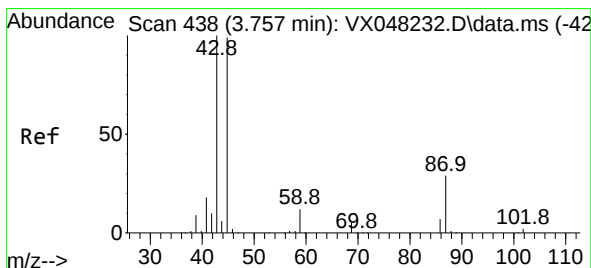
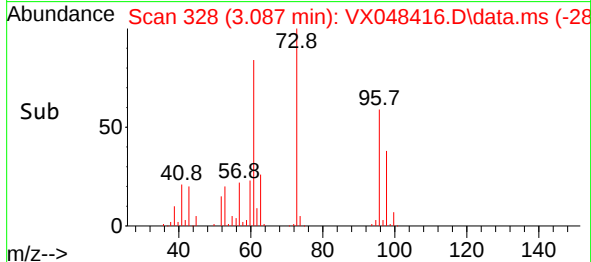
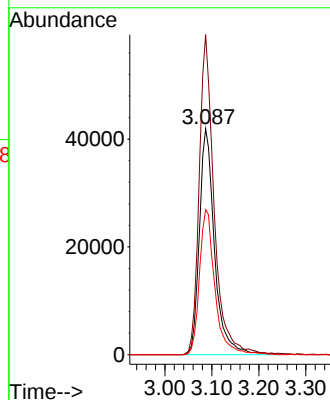
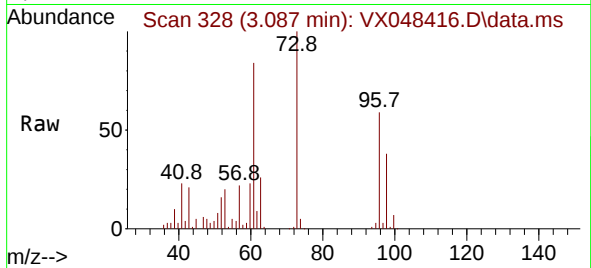




#21
trans-1,2-Dichloroethene
Concen: 49.938 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

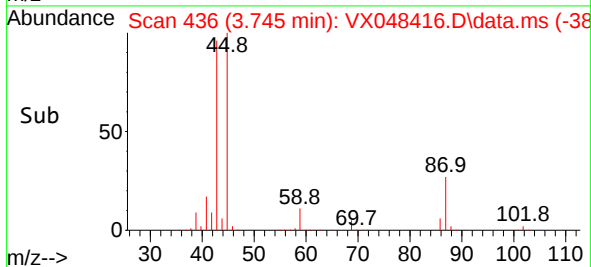
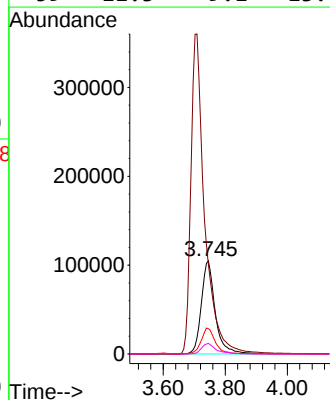
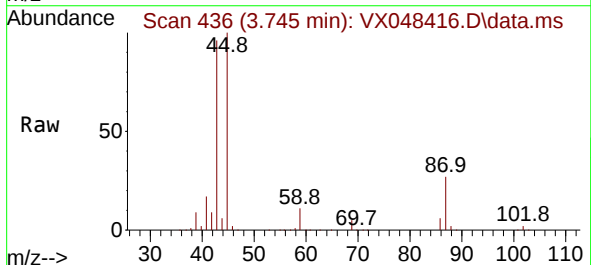
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 94332
Ion Ratio Lower Upper
96 100
61 141.7 111.9 167.9
98 64.2 51.2 76.8



#22
Diisopropyl ether
Concen: 52.650 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 45 Resp: 324559
Ion Ratio Lower Upper
45 100
43 96.0 89.8 134.8
87 27.1 20.6 31.0
59 11.3 9.1 13.7

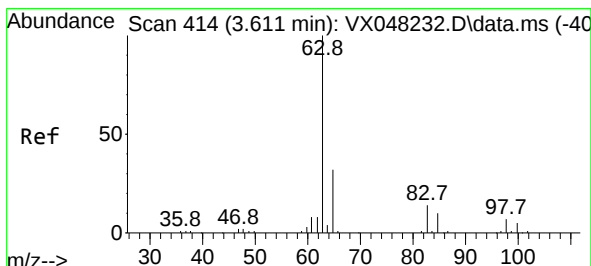
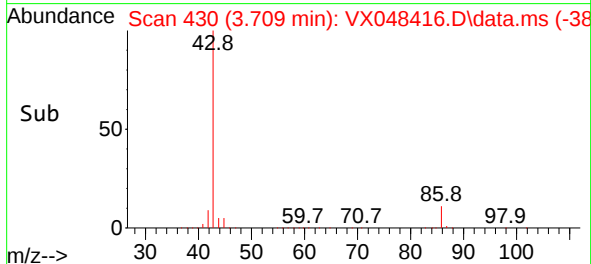
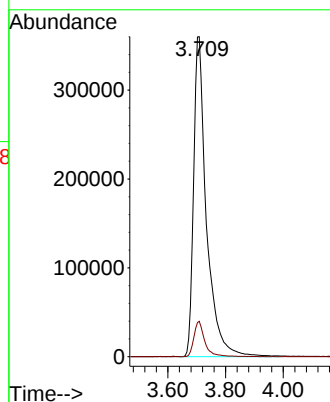
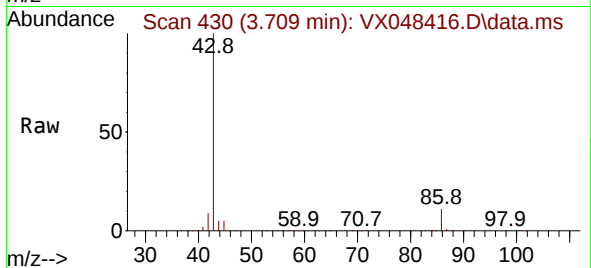




#23
 Vinyl Acetate
 Concen: 265.943 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

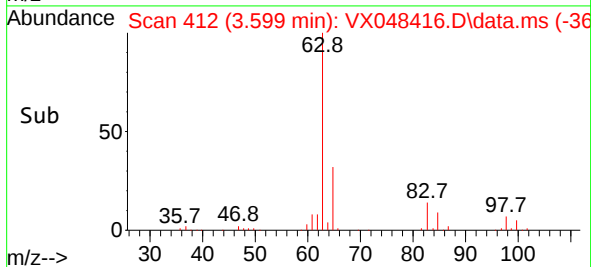
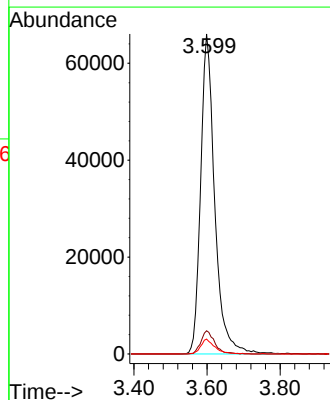
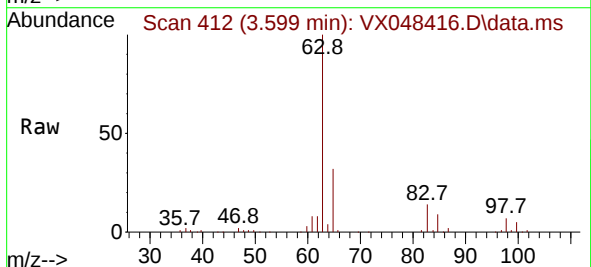
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

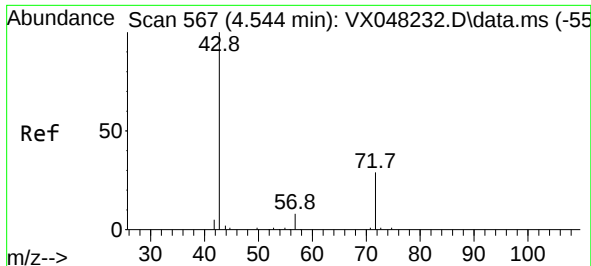
Tgt Ion: 43 Resp: 1115978
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 50.605 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

Tgt Ion: 63 Resp: 177039
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.7 2.1 6.3

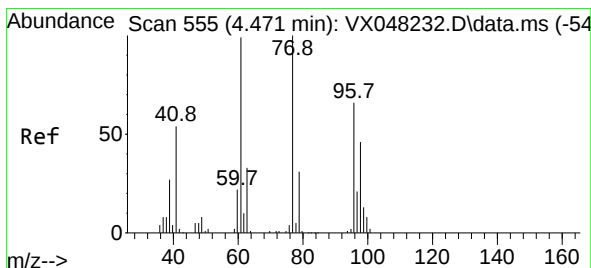
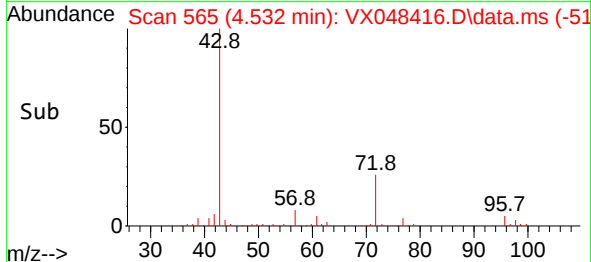
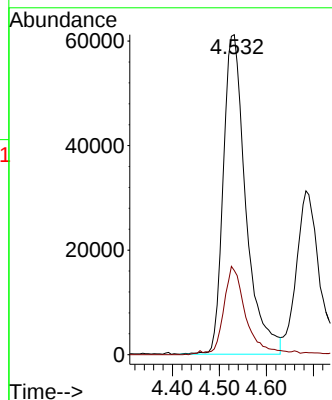
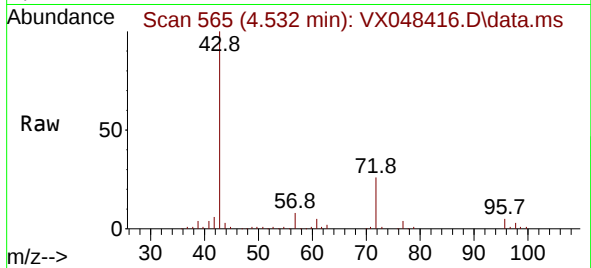




#25
2-Butanone
Concen: 256.360 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

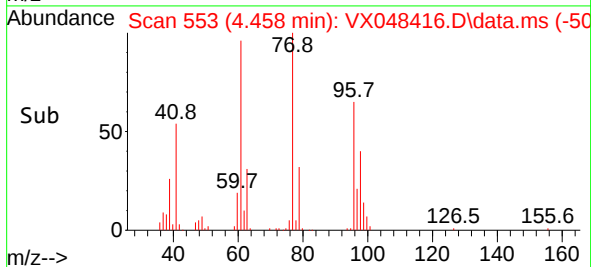
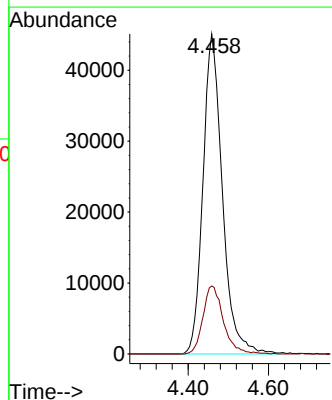
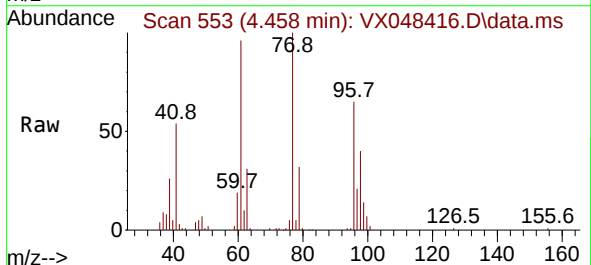
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

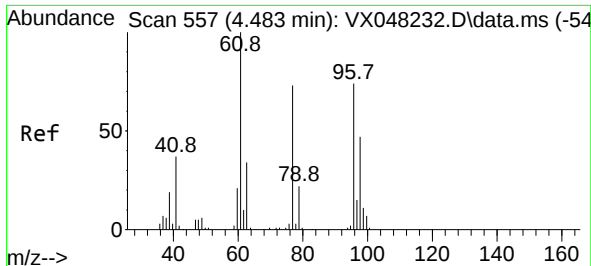
Tgt Ion: 43 Resp: 203957
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.381 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 77 Resp: 151759
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.620 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

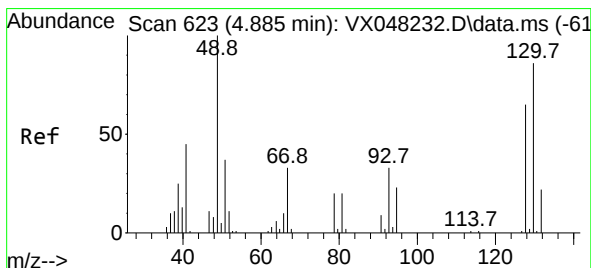
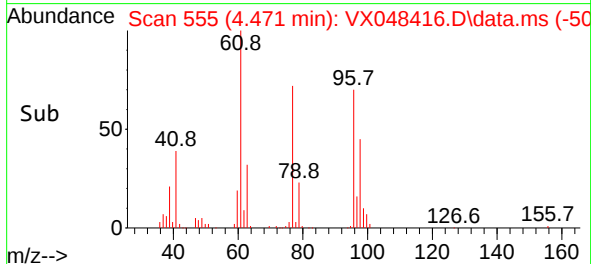
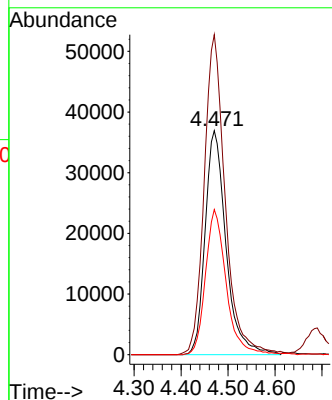
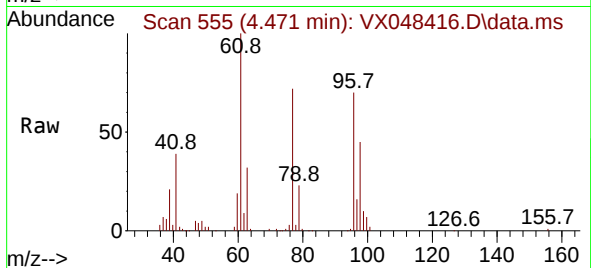
Tgt Ion: 96 Resp: 114120

Ion Ratio Lower Upper

96 100

61 143.8 0.0 294.2

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 52.491 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

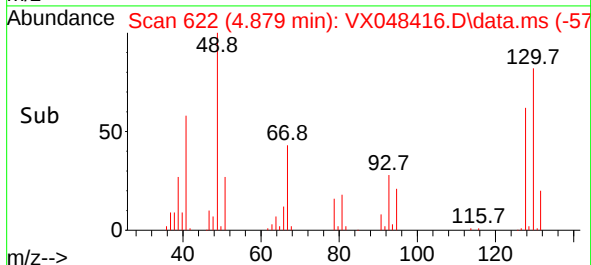
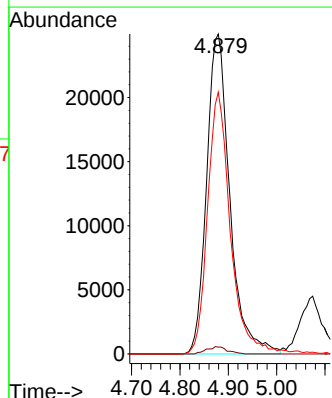
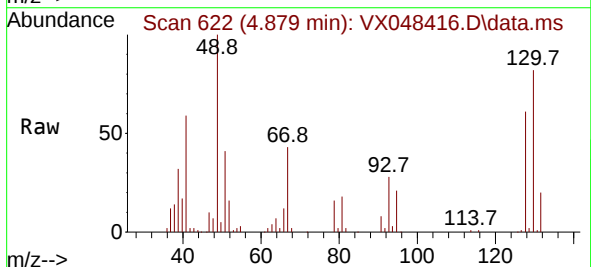
Tgt Ion: 49 Resp: 83225

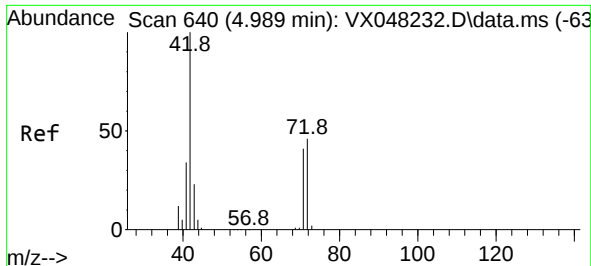
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 80.1 59.3 88.9





#29

Tetrahydrofuran

Concen: 252.936 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

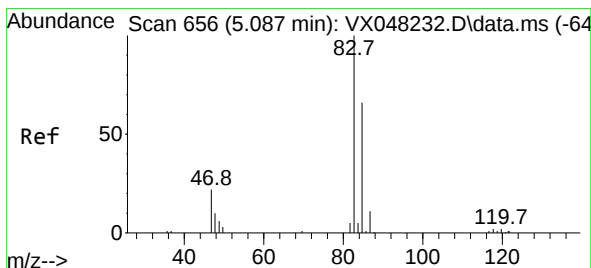
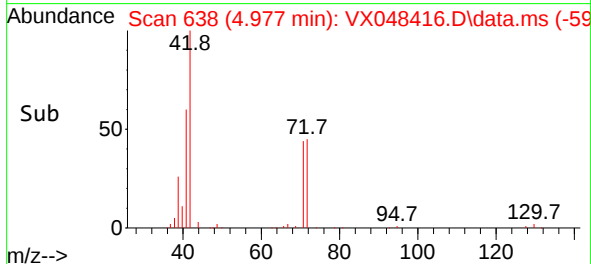
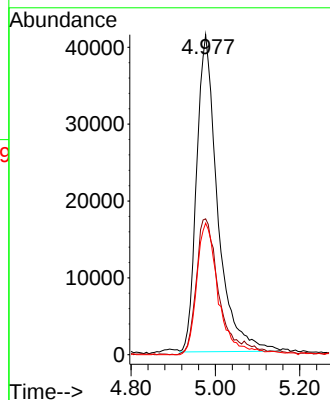
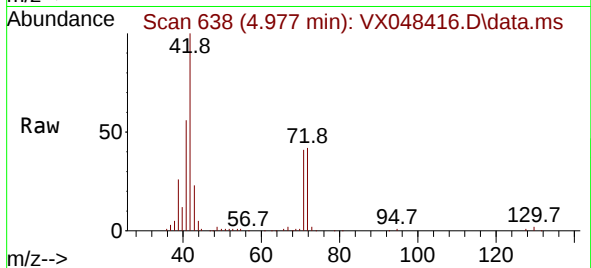
Tgt Ion: 42 Resp: 143309

Ion Ratio Lower Upper

42 100

72 44.5 35.3 52.9

71 42.8 32.2 48.4



#30

Chloroform

Concen: 49.762 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048416.D

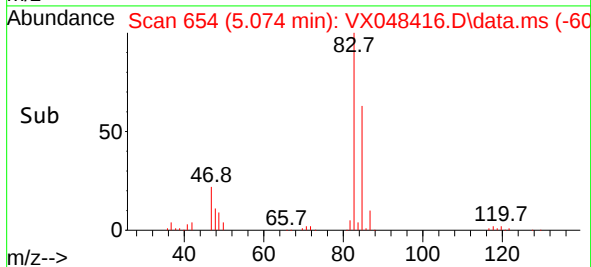
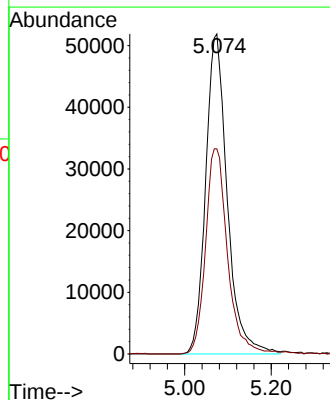
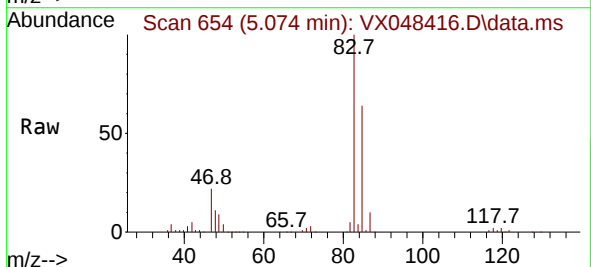
Acq: 31 Oct 2025 09:18

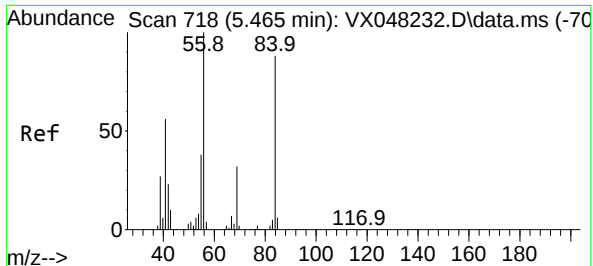
Tgt Ion: 83 Resp: 179084

Ion Ratio Lower Upper

83 100

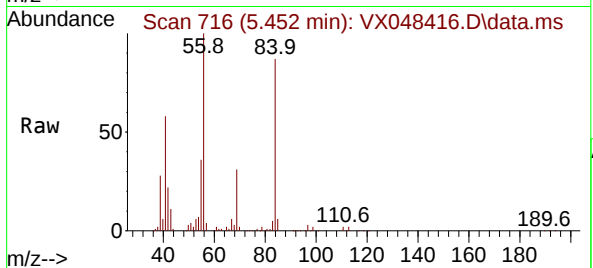
85 64.1 50.1 75.1





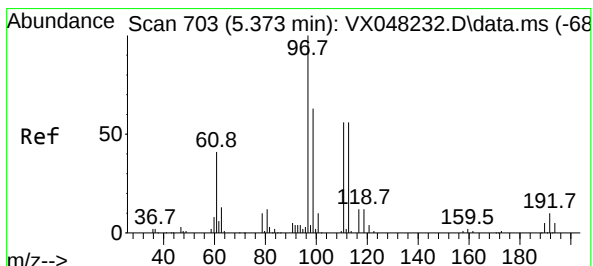
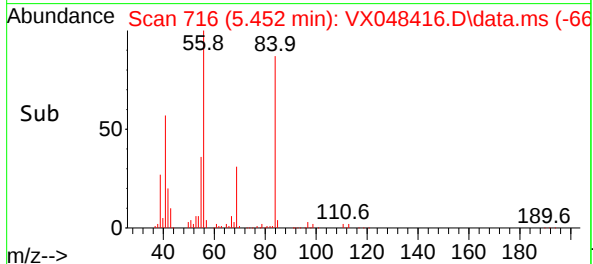
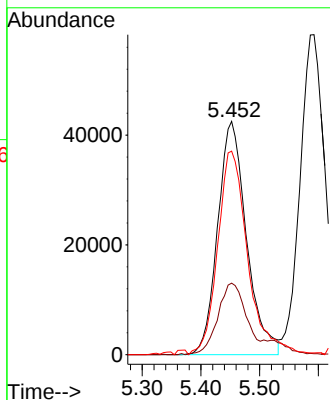
#31
Cyclohexane
Concen: 47.672 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 144767

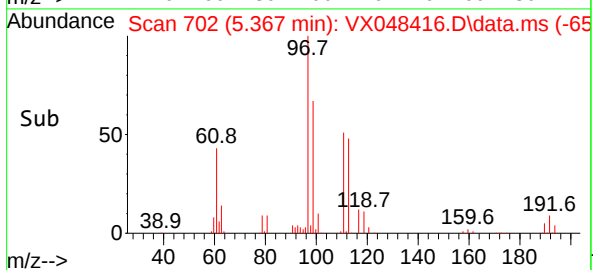
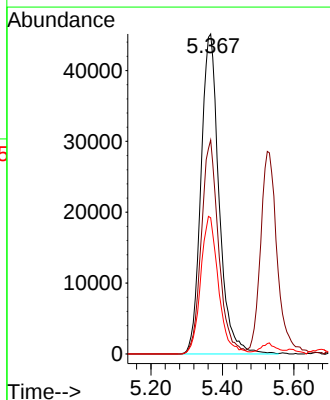
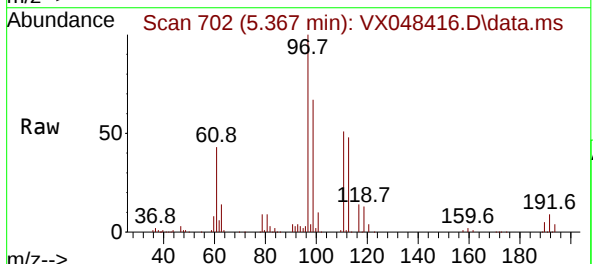
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.0	34.6
84	85.4	64.6	97.0

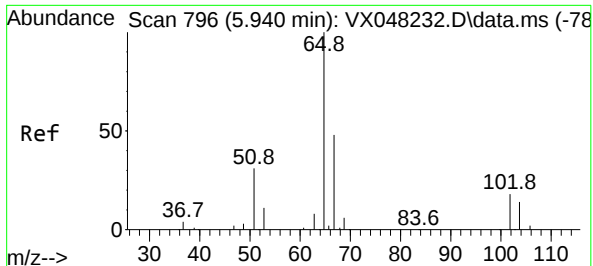


#32
1,1,1-Trichloroethane
Concen: 49.863 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 97 Resp: 158417

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	42.4	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 51.653 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

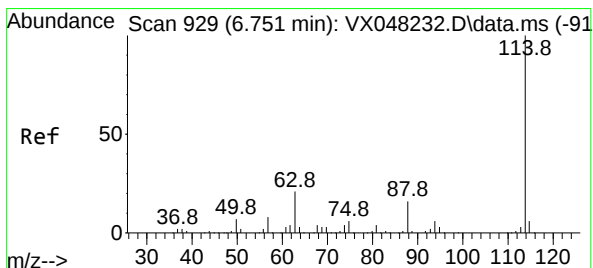
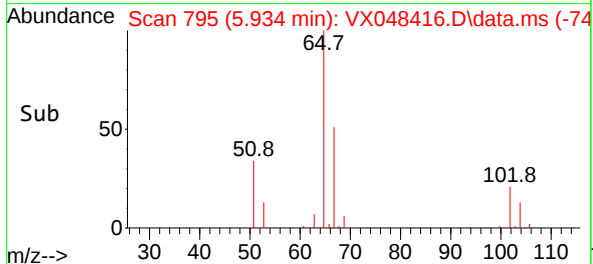
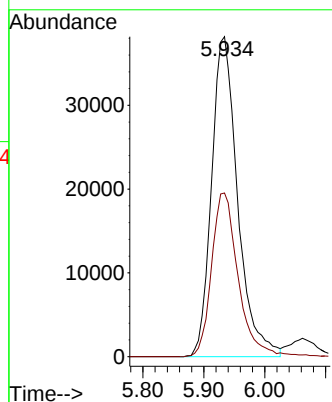
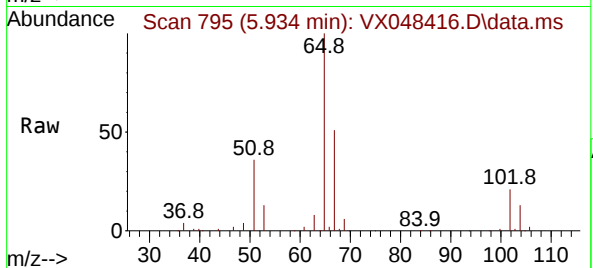
VSTDCCC050

Tgt Ion: 65 Resp: 113499

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

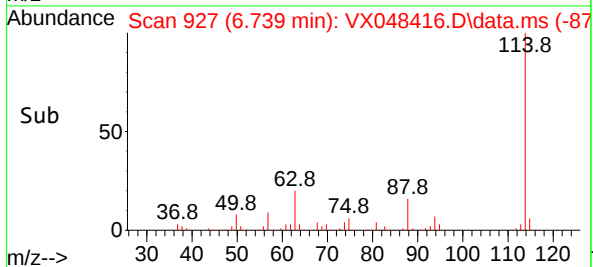
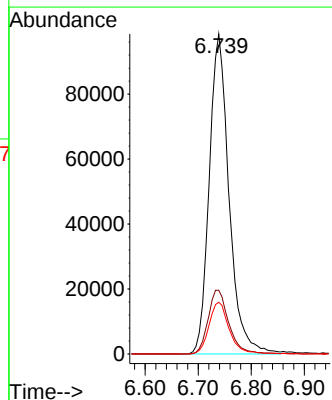
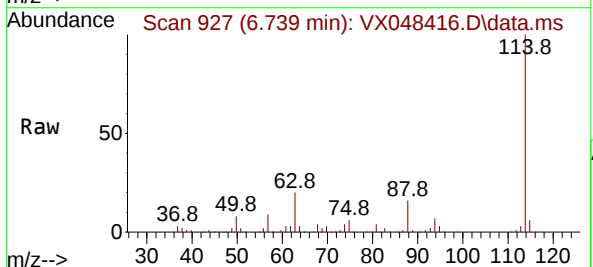
Tgt Ion: 114 Resp: 255523

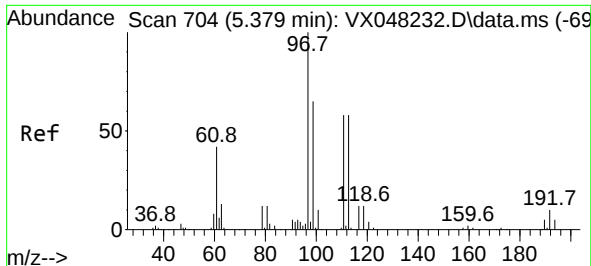
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 16.1 0.0 33.6

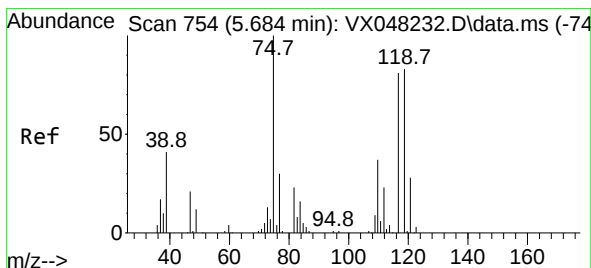
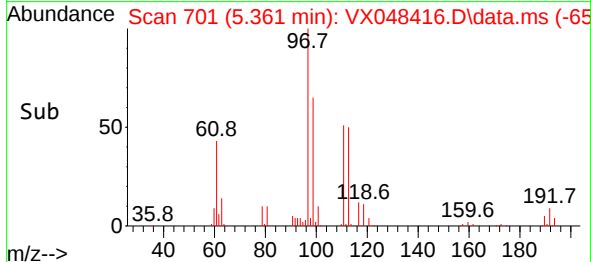
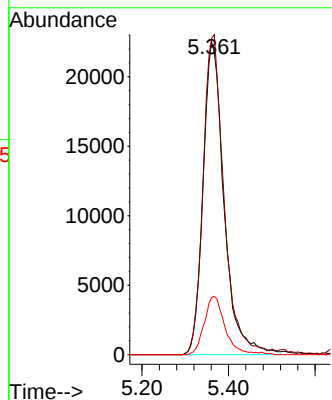
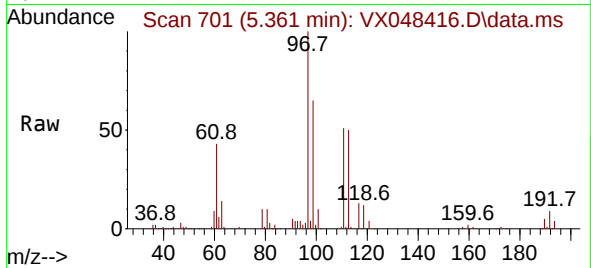




#35
Dibromofluoromethane
Concen: 51.964 ug/l
RT: 5.361 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

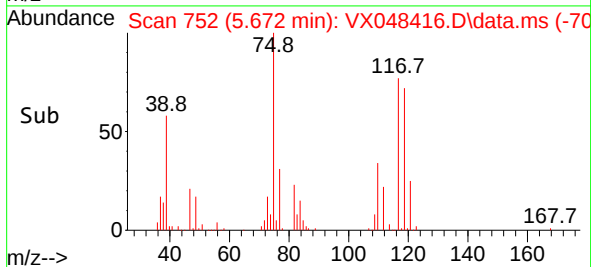
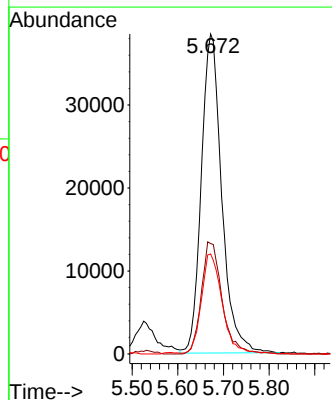
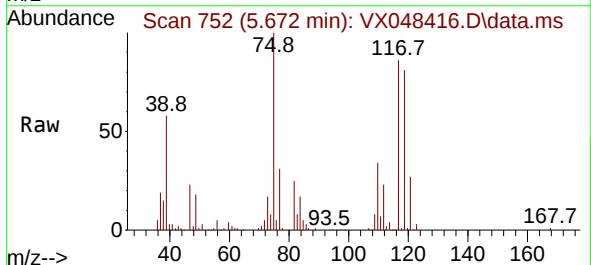
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

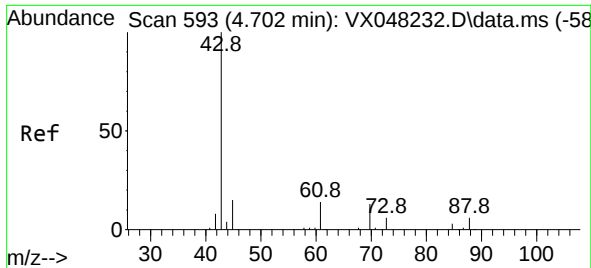
Tgt Ion:113 Resp: 75703
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.6 15.1 22.7



#36
1,1-Dichloropropene
Concen: 48.711 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 75 Resp: 119169
Ion Ratio Lower Upper
75 100
110 35.6 17.7 53.1
77 32.1 24.3 36.5





#37

Ethyl Acetate

Concen: 50.871 ug/l

RT: 4.684 min Scan# 590

Delta R.T. -0.012 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

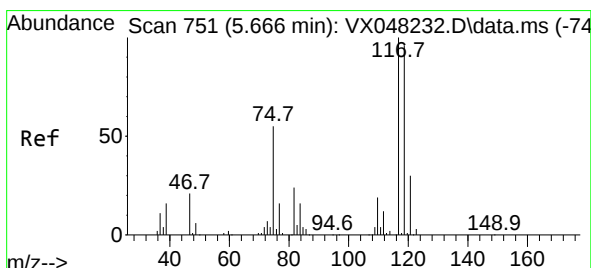
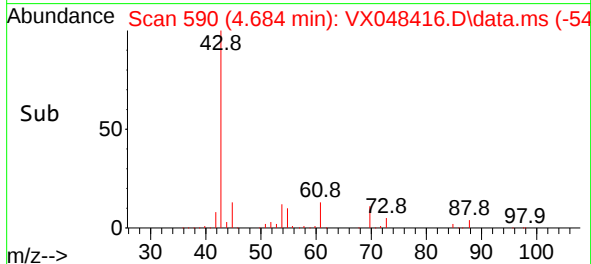
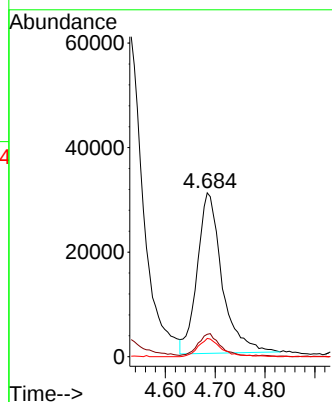
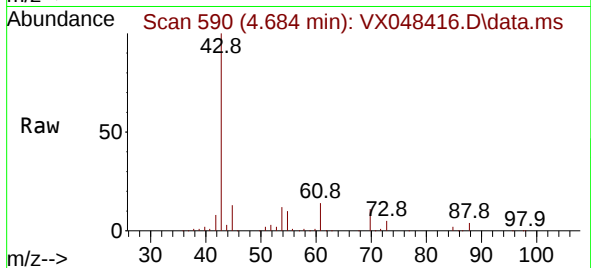
Tgt Ion: 43 Resp: 106033

Ion Ratio Lower Upper

43 100

61 11.9 10.6 15.8

70 10.4 7.8 11.6



#38

Carbon Tetrachloride

Concen: 48.243 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

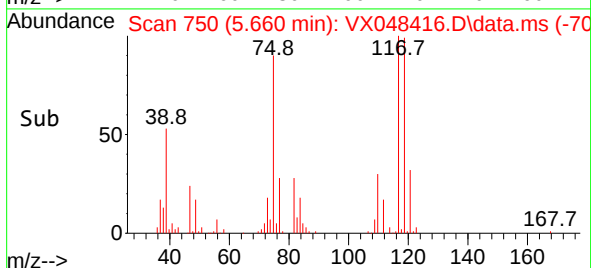
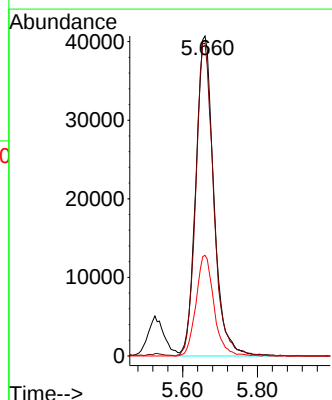
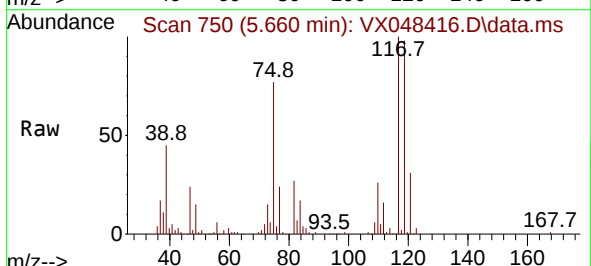
Tgt Ion: 117 Resp: 136272

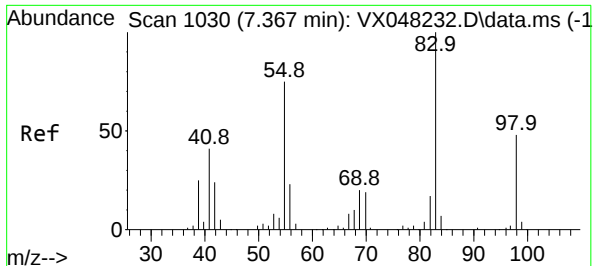
Ion Ratio Lower Upper

117 100

119 97.5 77.2 115.8

121 31.5 24.8 37.2

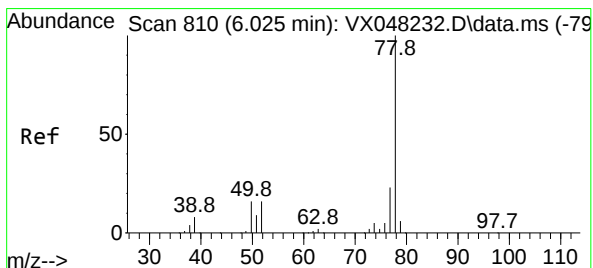
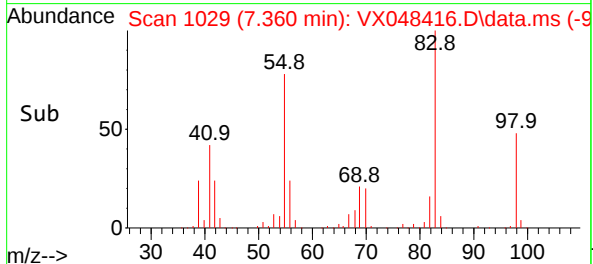
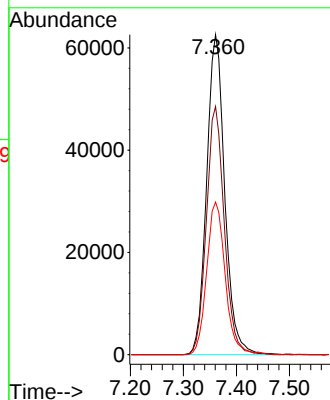
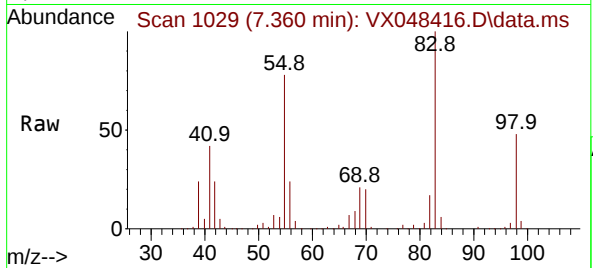




#39
Methylcyclohexane
Concen: 47.197 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

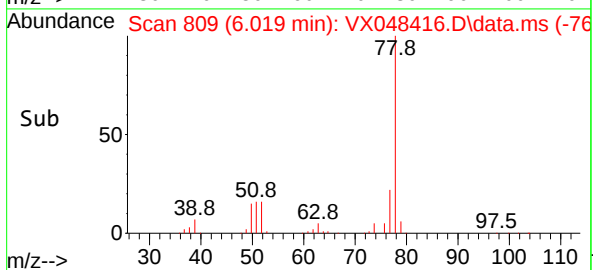
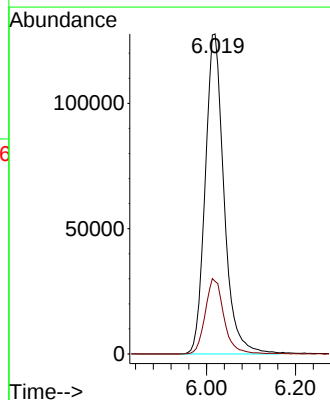
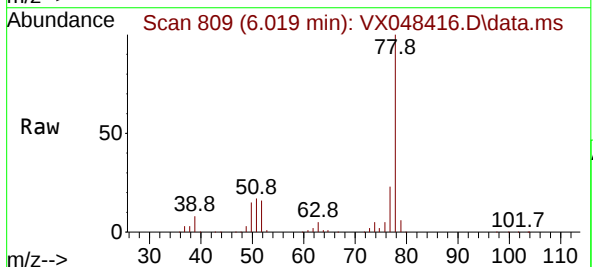
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 148486
Ion Ratio Lower Upper
83 100
55 77.5 66.2 99.2
98 47.7 38.9 58.3



#40
Benzene
Concen: 50.313 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 78 Resp: 376035
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9



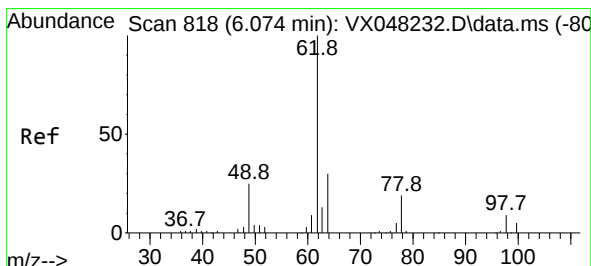
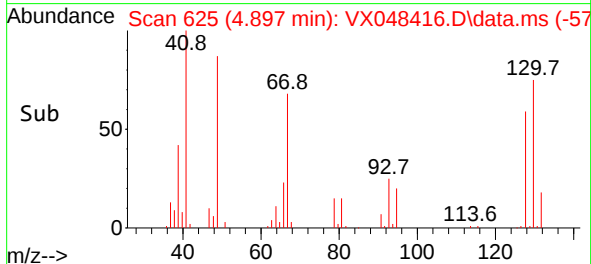
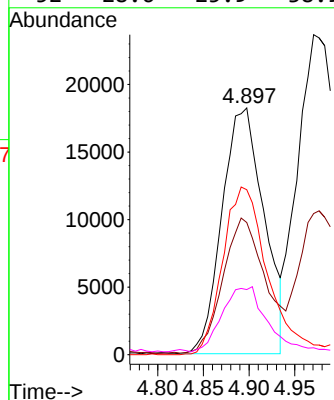
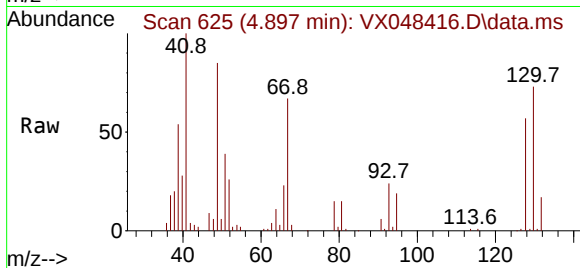


#41
Methacrylonitrile
Concen: 55.371 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 58133

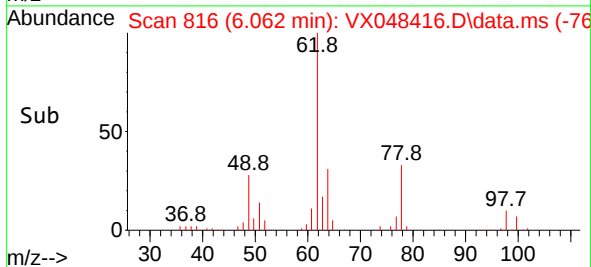
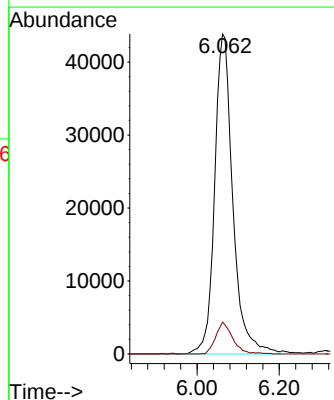
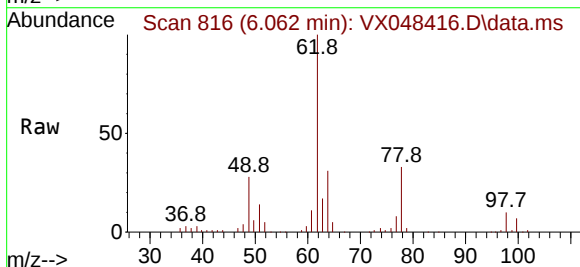
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.0	66.0
67	76.3	58.7	88.1
52	28.6	25.9	38.9

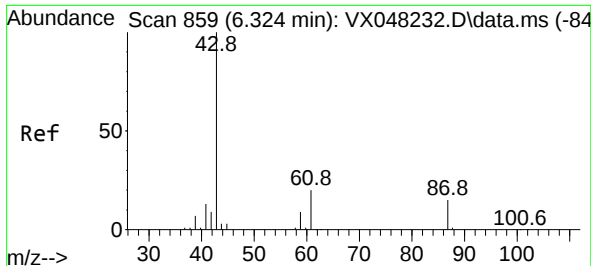


#42
1,2-Dichloroethane
Concen: 51.109 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 62 Resp: 134546

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.2

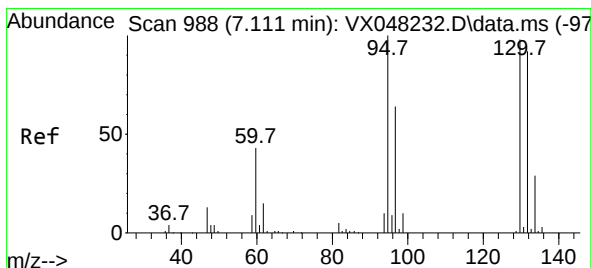
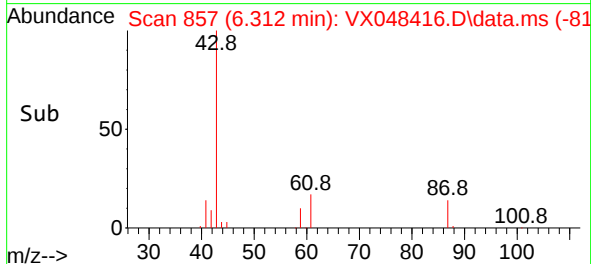
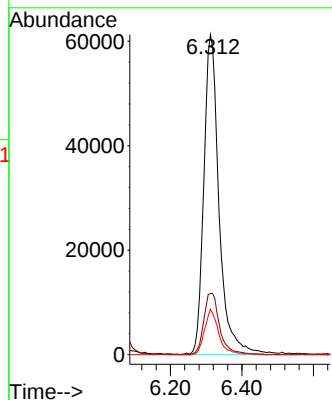
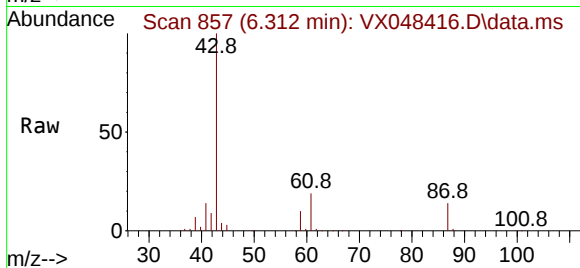




#43
Isopropyl Acetate
Concen: 52.793 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

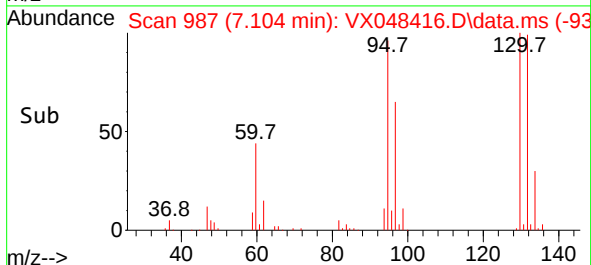
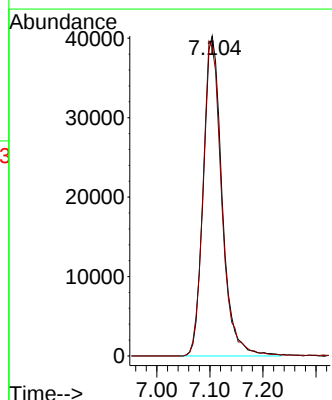
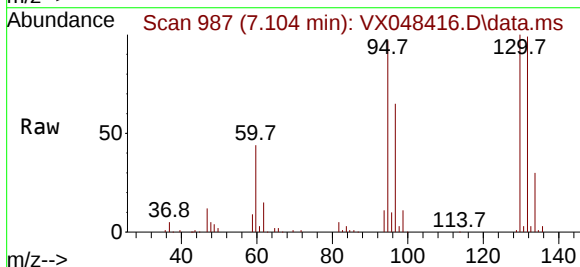
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

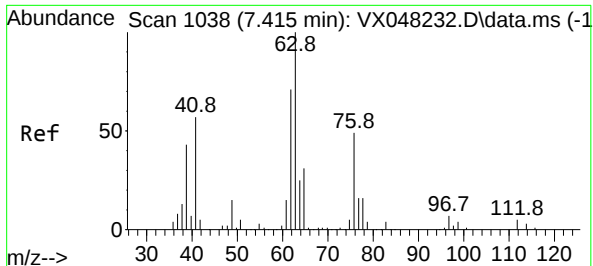
Tgt Ion: 43 Resp: 181673
Ion Ratio Lower Upper
43 100
61 20.1 14.9 22.3
87 13.1 9.4 14.2



#44
Trichloroethene
Concen: 50.271 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 130 Resp: 98438
Ion Ratio Lower Upper
130 100
95 96.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.508 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

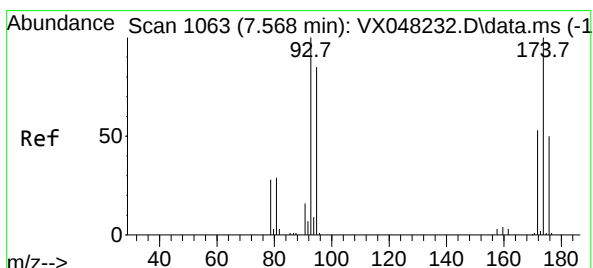
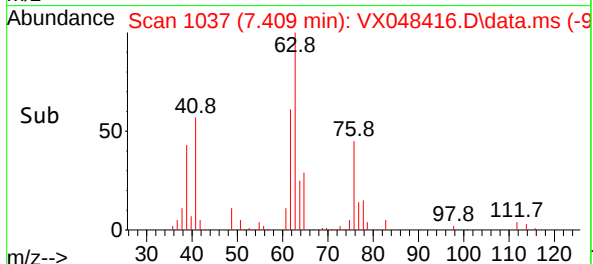
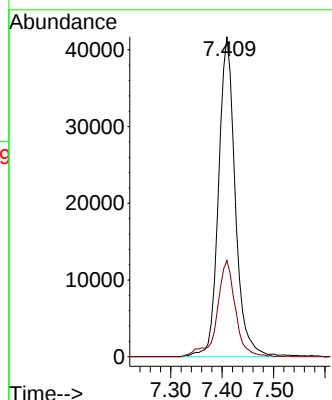
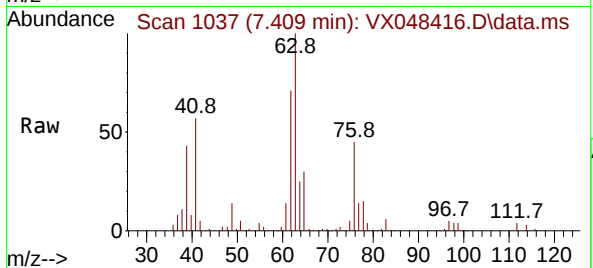
VSTDCCC050

Tgt Ion: 63 Resp: 94277

Ion Ratio Lower Upper

63 100

65 30.0 24.1 36.1



#46

Dibromomethane

Concen: 51.183 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.012 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

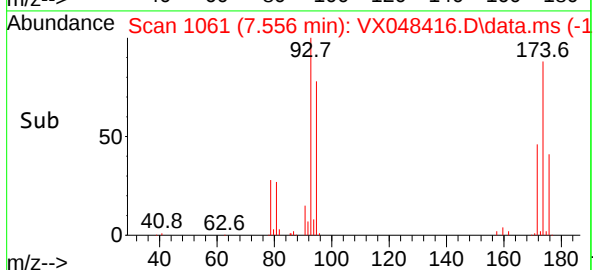
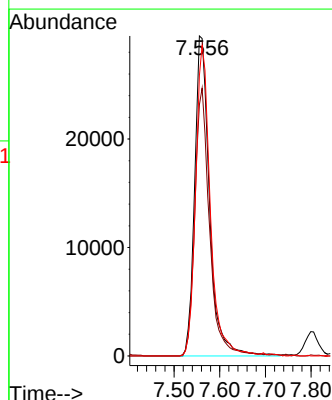
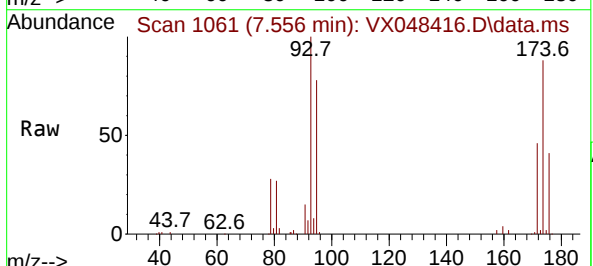
Tgt Ion: 93 Resp: 66880

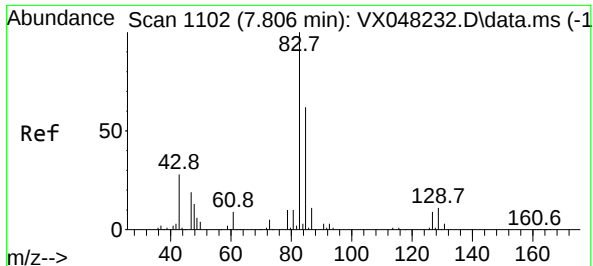
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 95.7 71.7 107.5





#47

Bromodichloromethane

Concen: 51.967 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

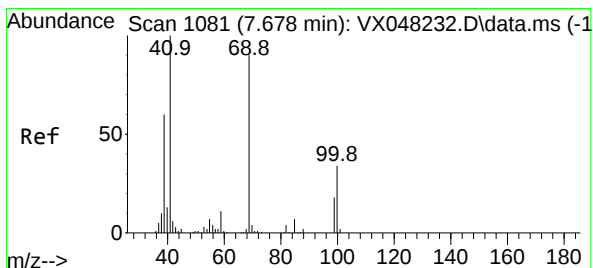
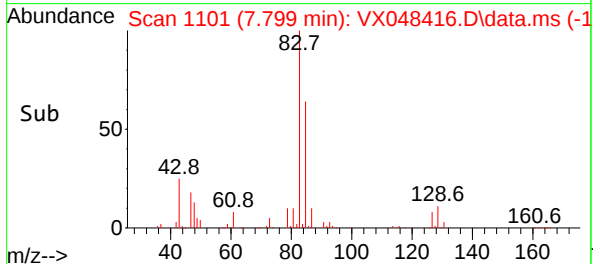
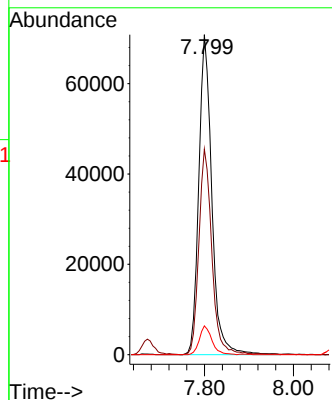
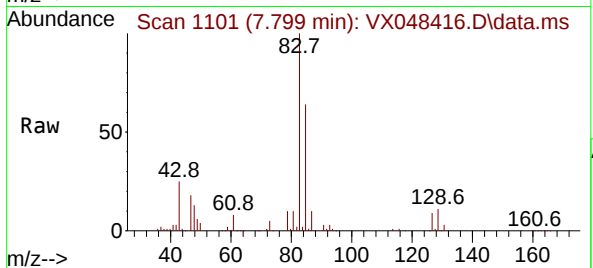
Tgt Ion: 83 Resp: 144278

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

127 9.0 7.3 10.9



#48

Methyl methacrylate

Concen: 53.986 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

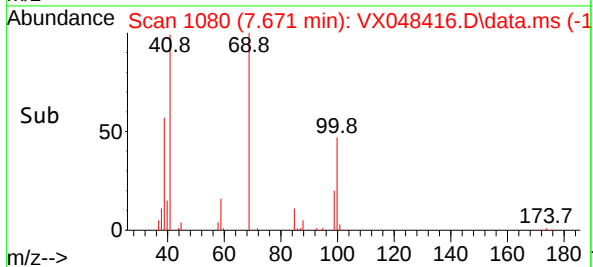
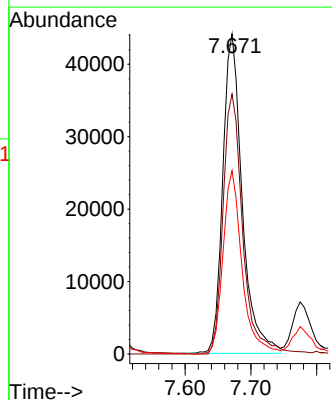
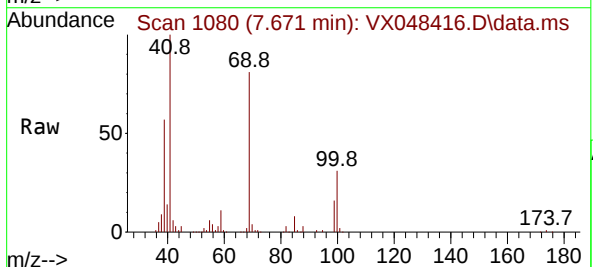
Tgt Ion: 41 Resp: 90597

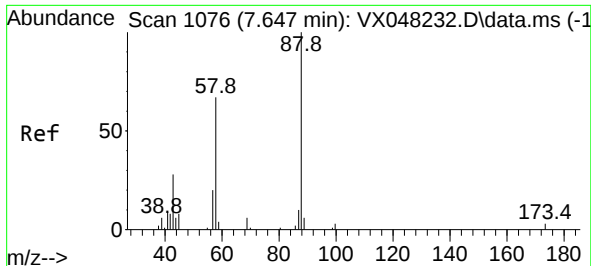
Ion Ratio Lower Upper

41 100

69 82.5 63.4 95.0

39 56.2 47.1 70.7

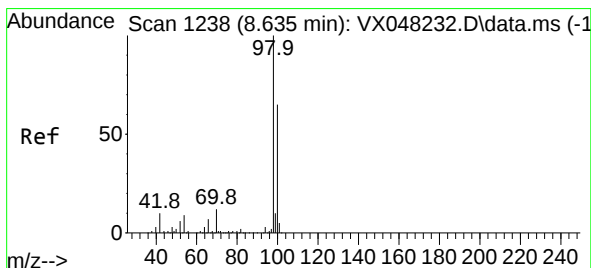
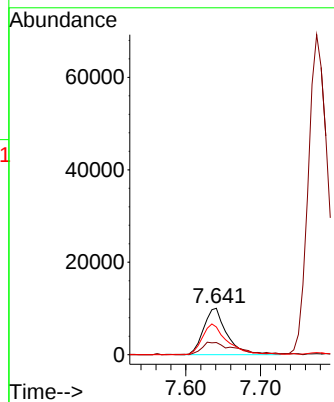
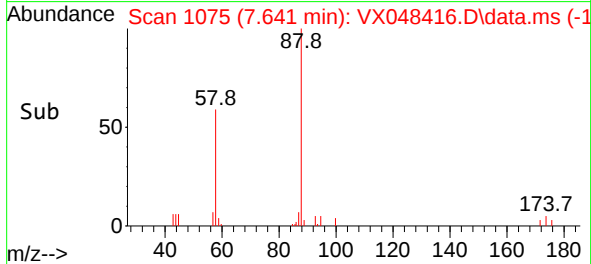
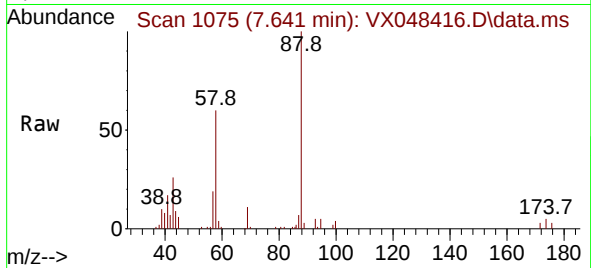




#49
1,4-Dioxane
Concen: 1132.935 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

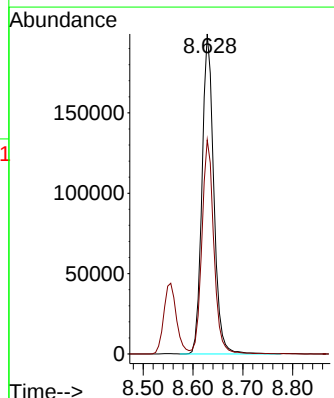
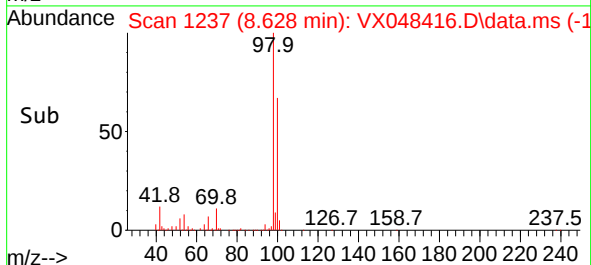
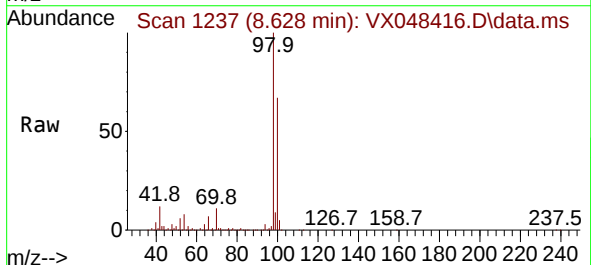
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

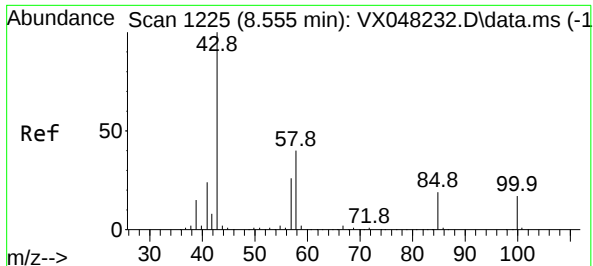
Tgt Ion: 88 Resp: 21610
Ion Ratio Lower Upper
88 100
43 37.5 35.0 52.4
58 70.9 61.9 92.9



#50
Toluene-d8
Concen: 50.727 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 98 Resp: 326218
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 257.669 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

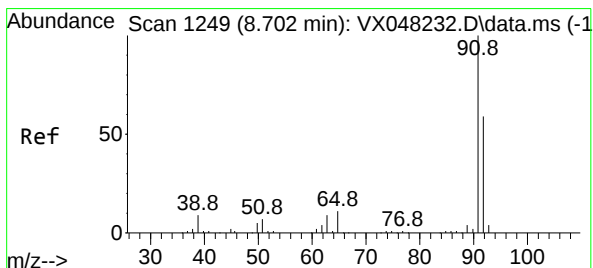
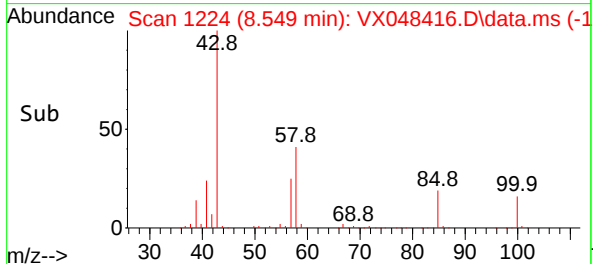
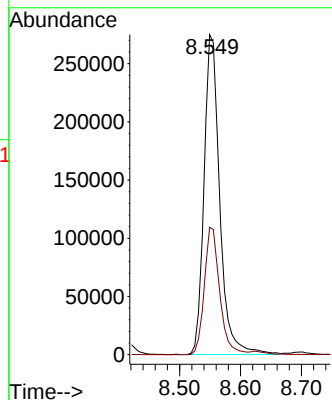
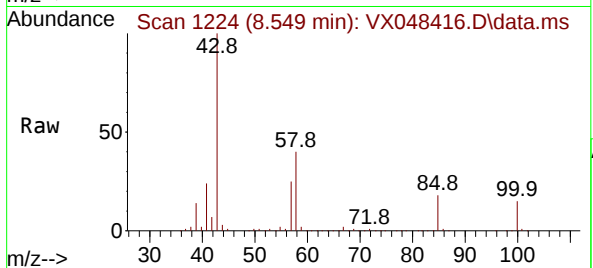
VSTDCCC050

Tgt Ion: 43 Resp: 493476

Ion Ratio Lower Upper

43 100

58 39.0 29.5 44.3



#52

Toluene

Concen: 50.735 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VX048416.D

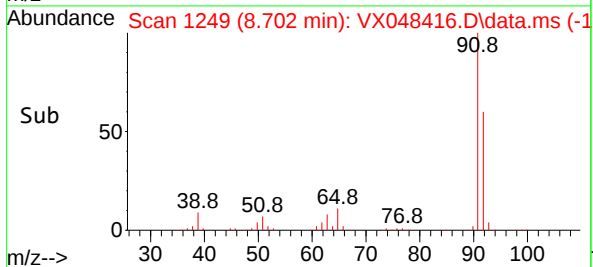
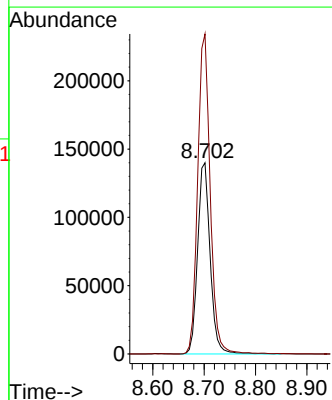
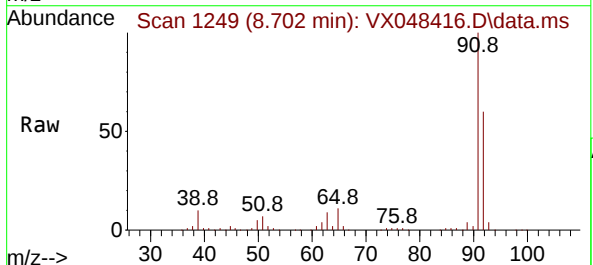
Acq: 31 Oct 2025 09:18

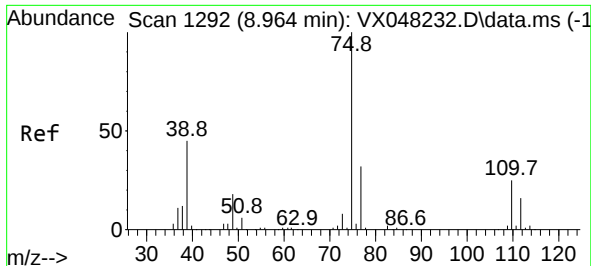
Tgt Ion: 92 Resp: 236939

Ion Ratio Lower Upper

92 100

91 166.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 53.813 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

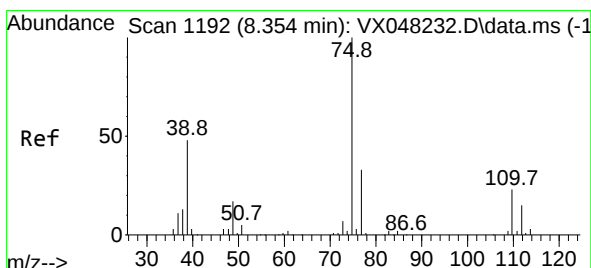
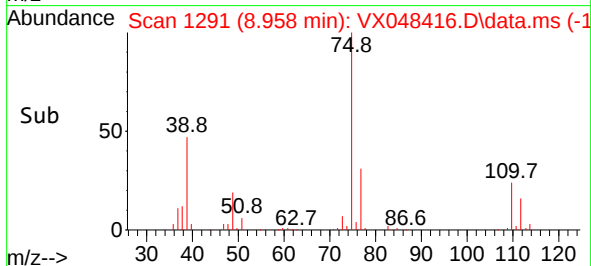
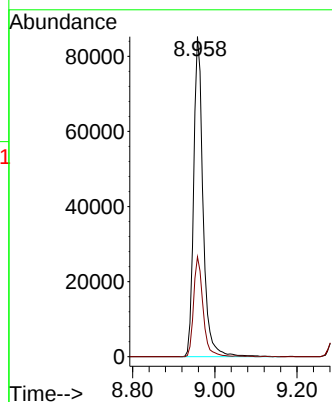
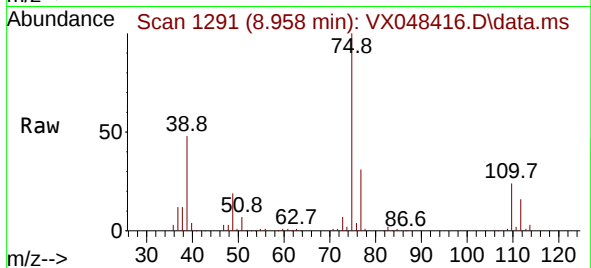
VSTDCCC050

Tgt Ion: 75 Resp: 135417

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.029 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

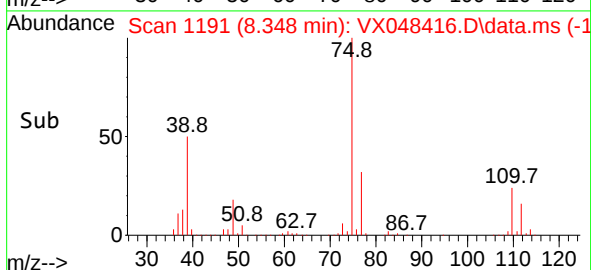
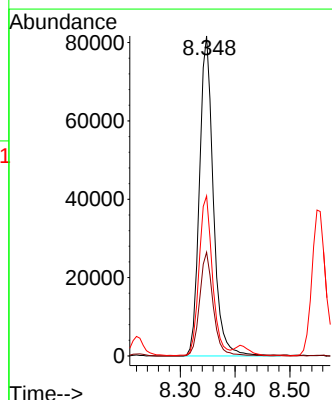
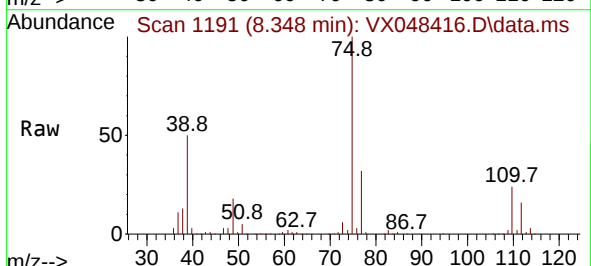
Tgt Ion: 75 Resp: 143774

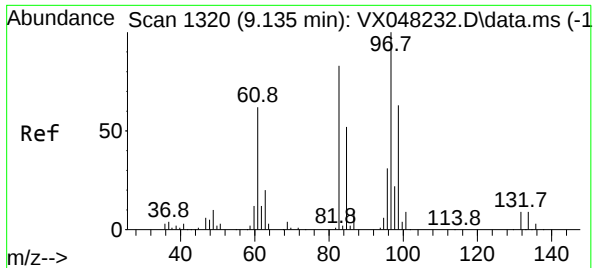
Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

39 49.8 42.6 64.0

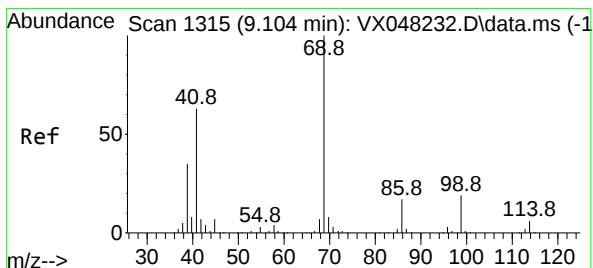
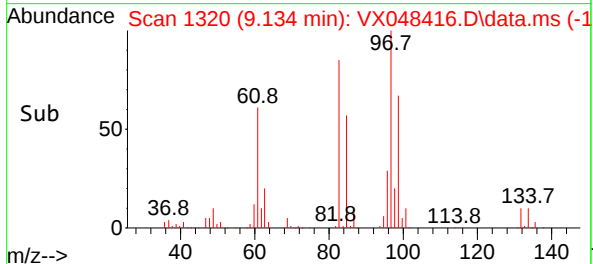
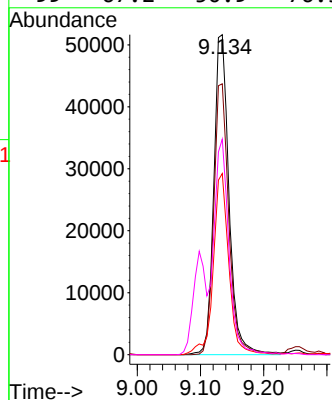
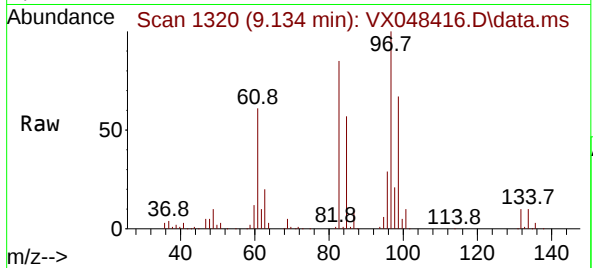




#55
1,1,2-Trichloroethane
Concen: 51.179 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

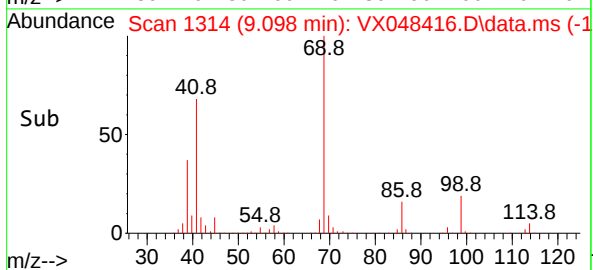
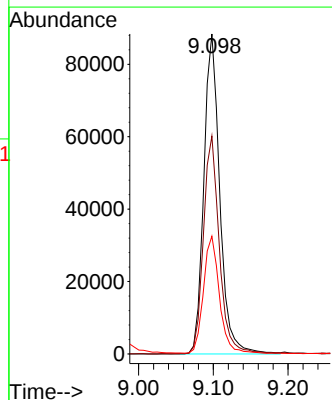
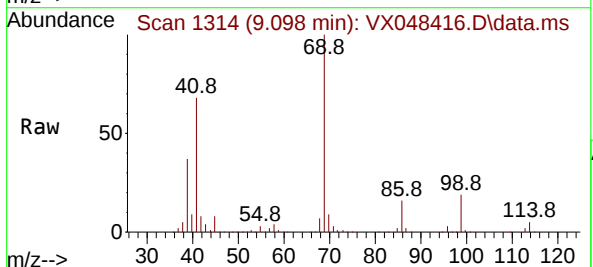
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

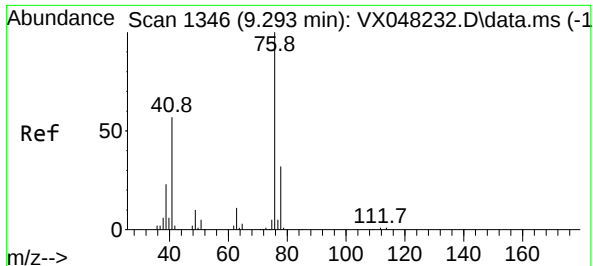
Tgt Ion:	97	Resp:	86495
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.6	105.8
85	56.6	45.0	67.6
99	67.2	50.9	76.3



#56
Ethyl methacrylate
Concen: 53.010 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion:	69	Resp:	131183
Ion	Ratio	Lower	Upper
69	100		
41	68.0	56.0	84.0
39	36.5	31.6	47.4





#57

1,3-Dichloropropane

Concen: 50.675 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

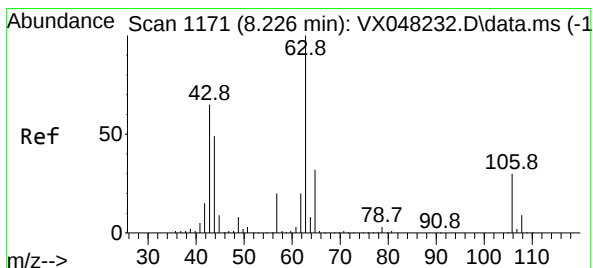
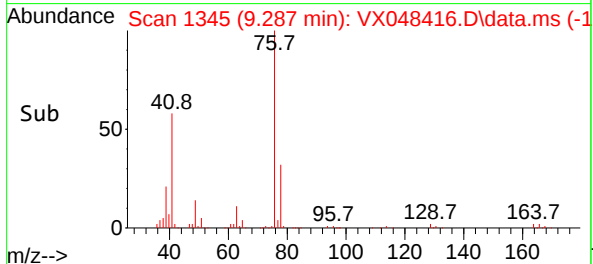
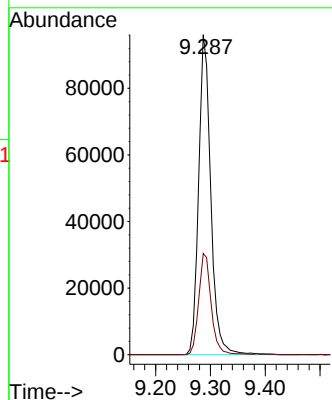
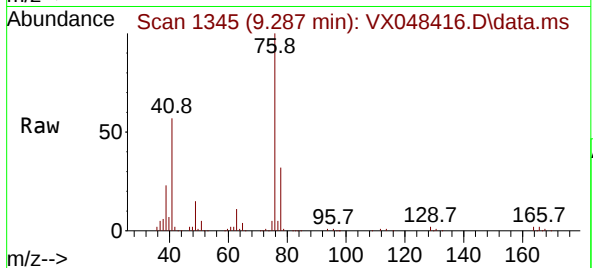
VSTDCCC050

Tgt Ion: 76 Resp: 148498

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 257.663 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048416.D

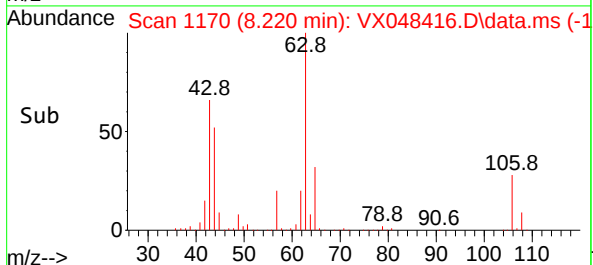
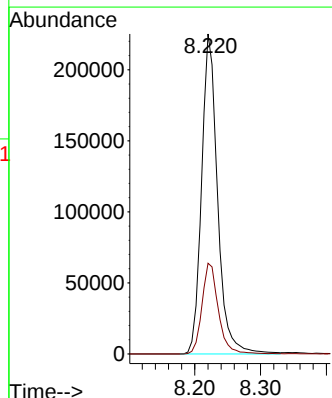
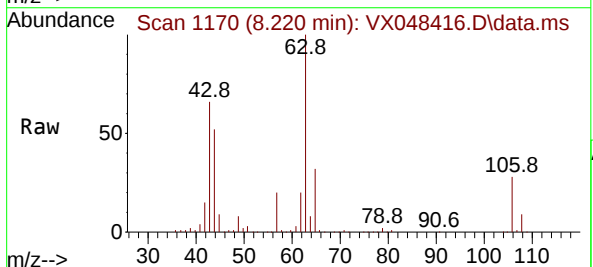
Acq: 31 Oct 2025 09:18

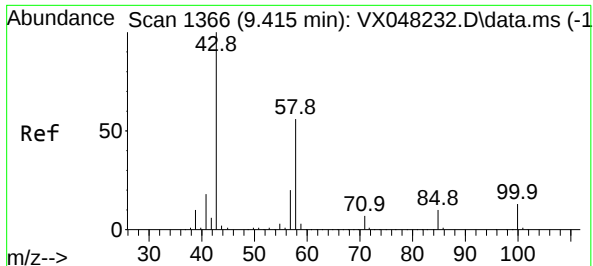
Tgt Ion: 63 Resp: 380217

Ion Ratio Lower Upper

63 100

106 29.1 22.2 33.2

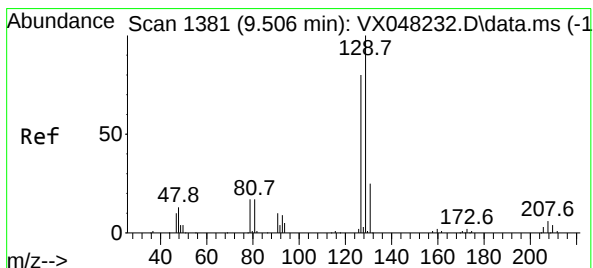
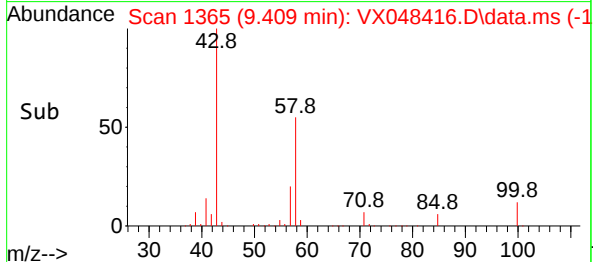
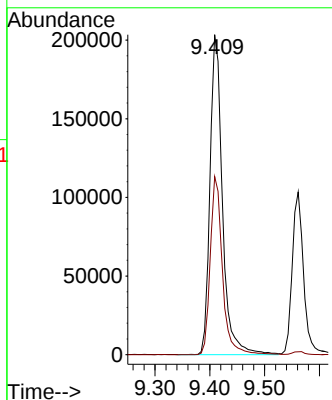
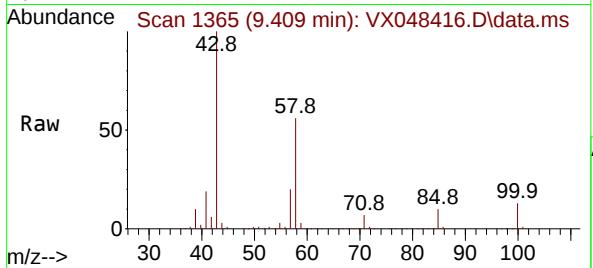




#59
2-Hexanone
Concen: 256.975 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

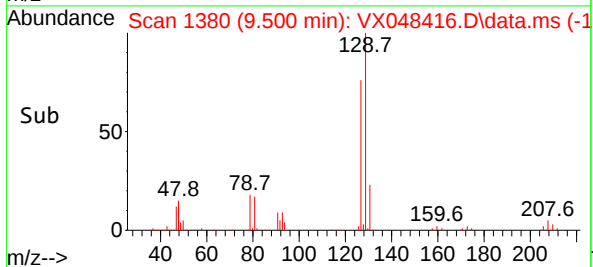
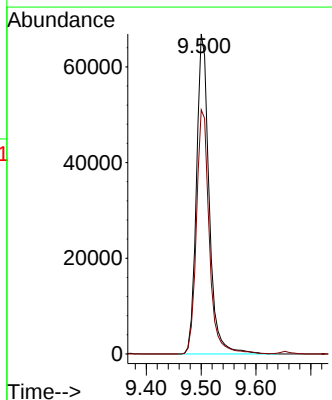
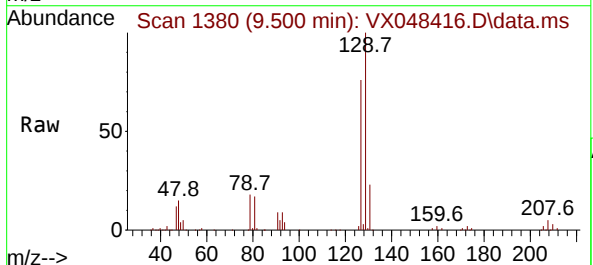
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 320230
Ion Ratio Lower Upper
43 100
58 54.6 26.3 78.8



#60
Dibromochloromethane
Concen: 51.467 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion:129 Resp: 107576
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

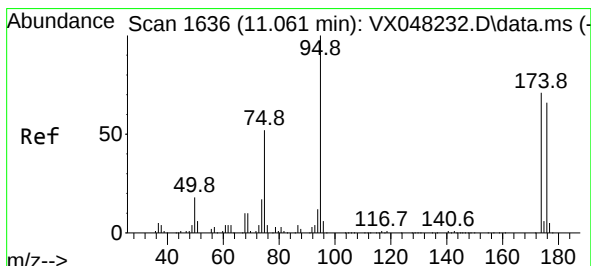
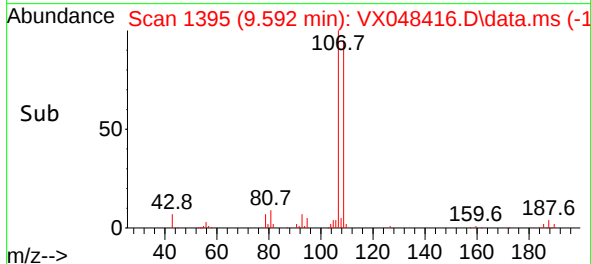
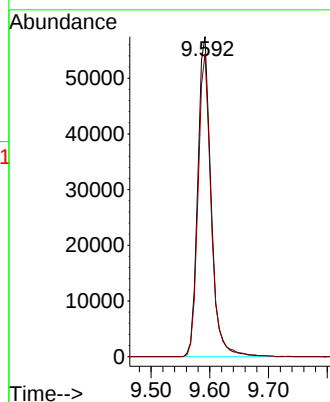
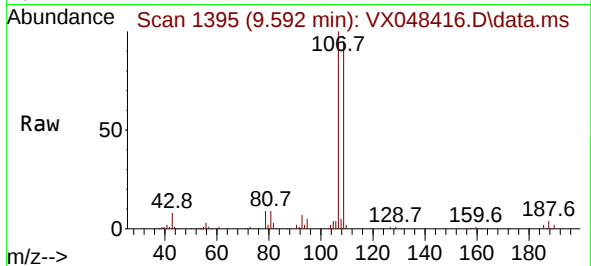




#61
1,2-Dibromoethane
Concen: 51.697 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

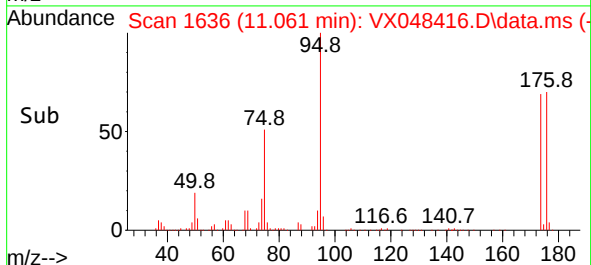
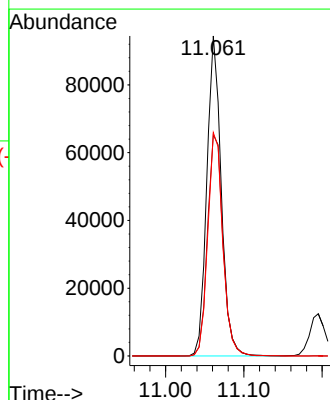
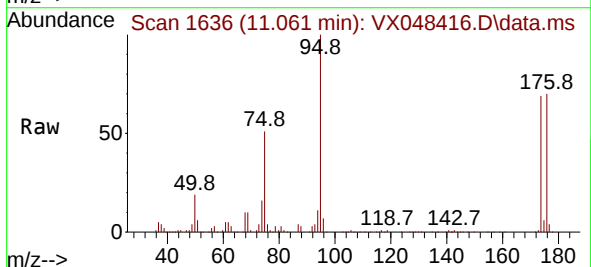
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

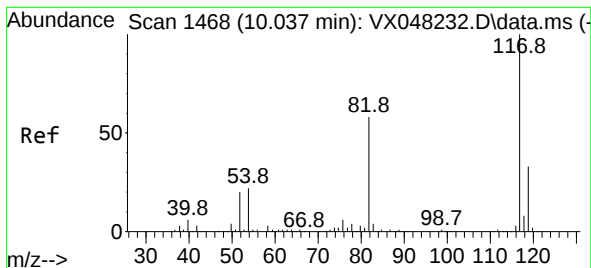
Tgt Ion:107 Resp: 90387
Ion Ratio Lower Upper
107 100
109 93.6 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 49.912 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 95 Resp: 120070
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.8
176 72.8 0.0 142.8

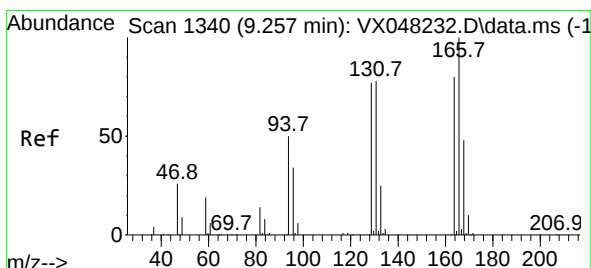
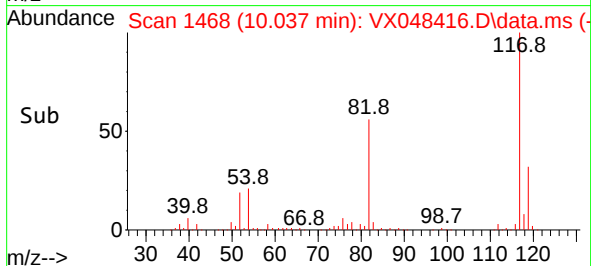
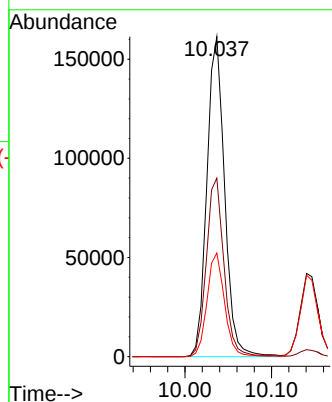
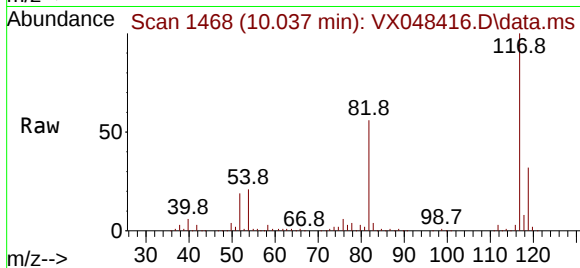




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

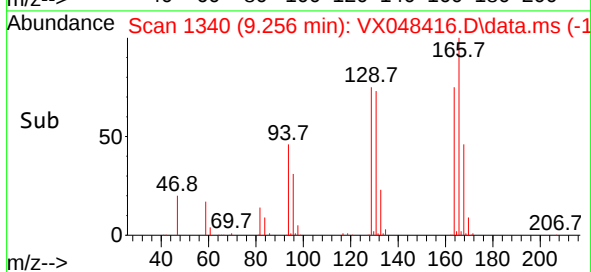
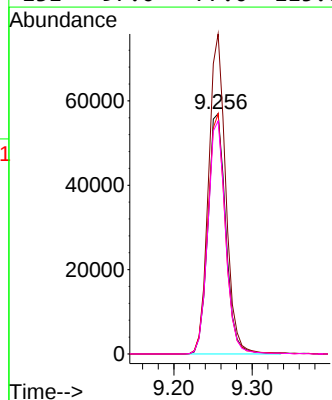
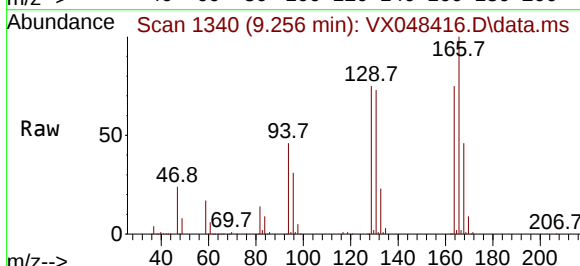
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

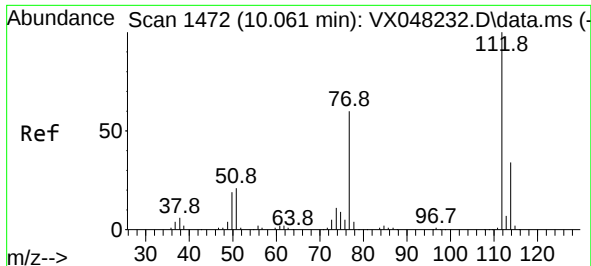
Tgt Ion:117 Resp: 229228
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 48.456 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion:164 Resp: 89451
Ion Ratio Lower Upper
164 100
166 133.2 104.5 156.7
129 99.9 81.8 122.6
131 97.0 77.0 115.6

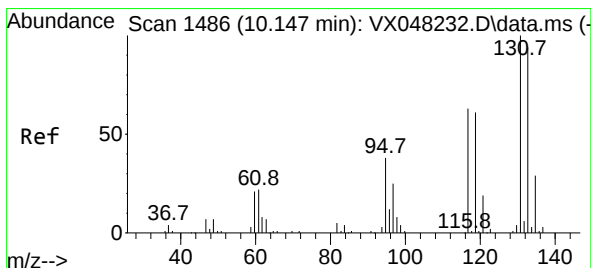
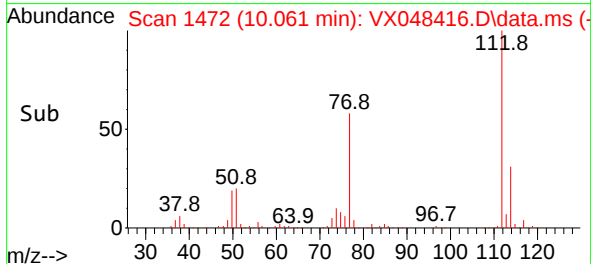
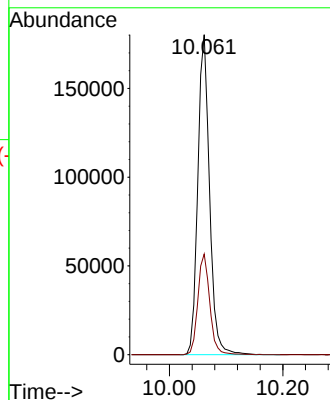
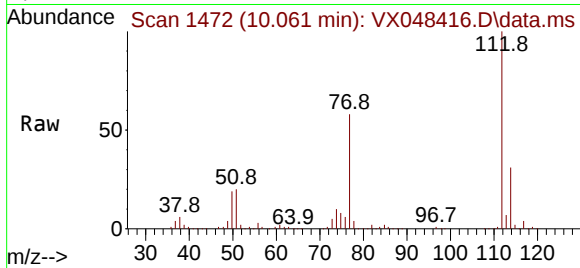




#65
Chlorobenzene
Concen: 48.950 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

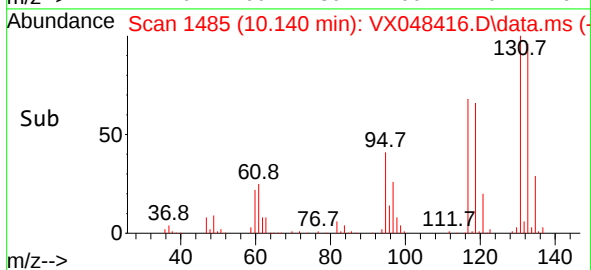
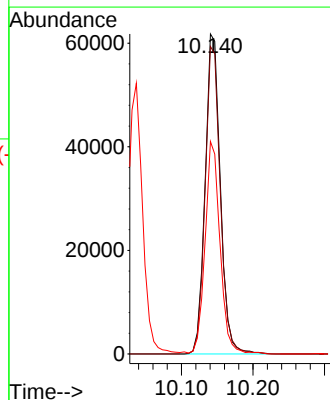
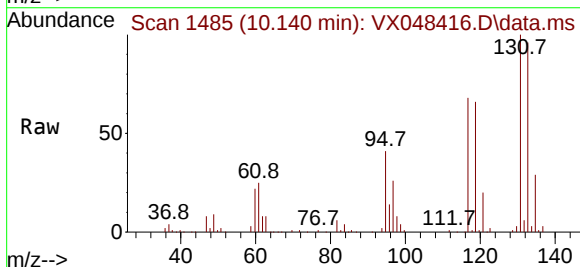
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

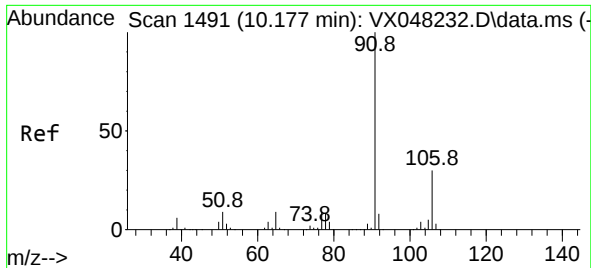
Tgt Ion:112 Resp: 258503
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.990 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion:131 Resp: 91596
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 65.1 32.5 97.5

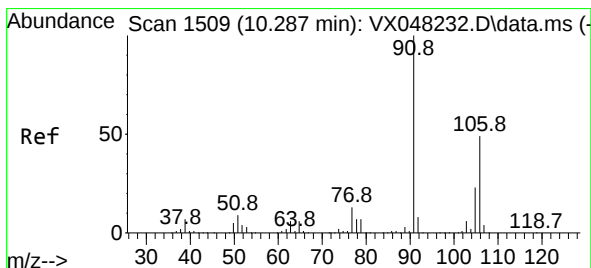
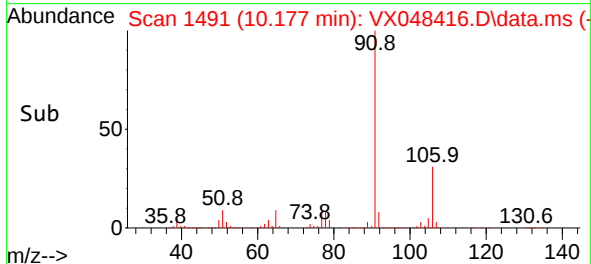
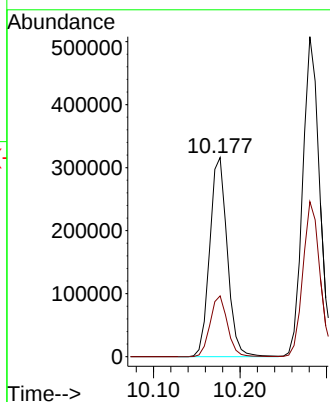
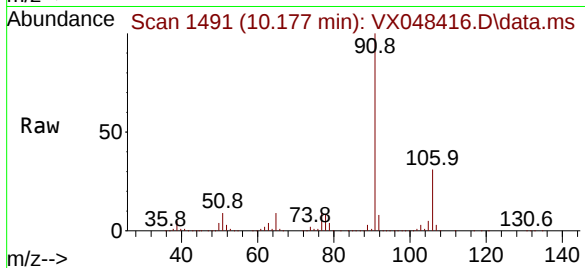




#67
Ethyl Benzene
Concen: 50.079 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

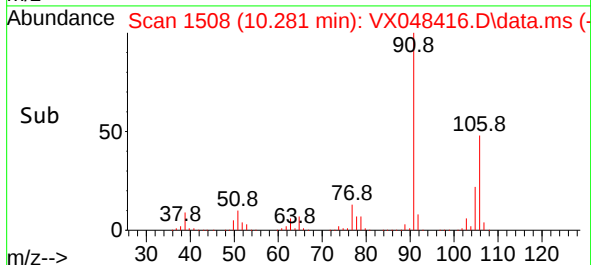
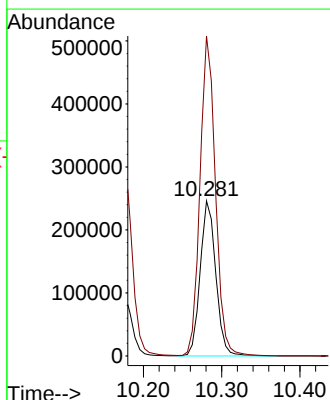
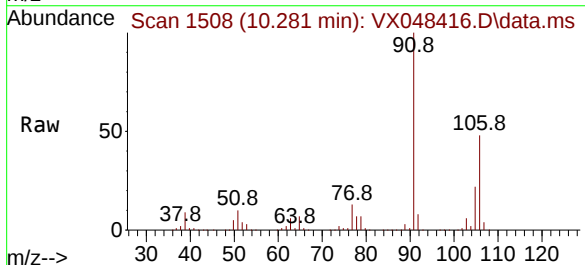
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

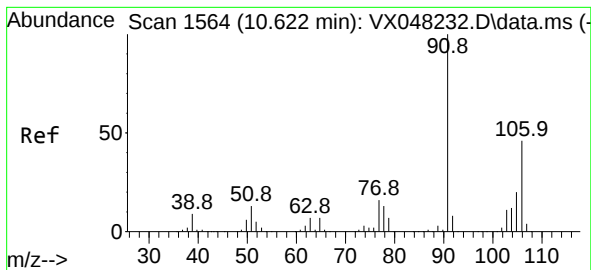
Tgt Ion: 91 Resp: 445293
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 100.942 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion:106 Resp: 339842
Ion Ratio Lower Upper
106 100
91 204.2 167.9 251.9





#69

o-Xylene

Concen: 50.552 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

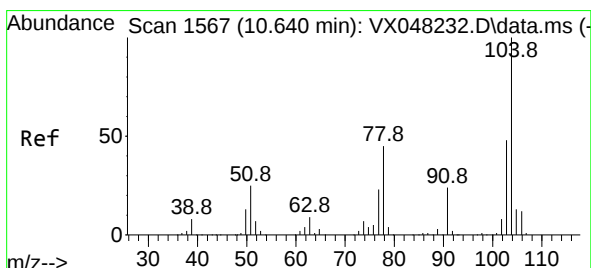
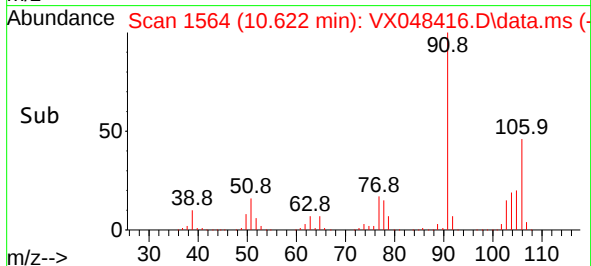
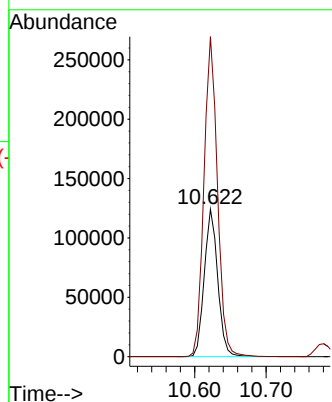
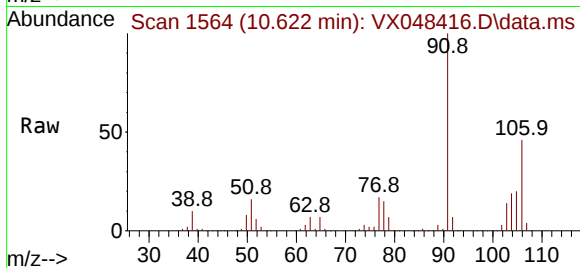
VSTDCCC050

Tgt Ion:106 Resp: 162637

Ion Ratio Lower Upper

106 100

91 217.5 111.3 333.9



#70

Styrene

Concen: 51.862 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

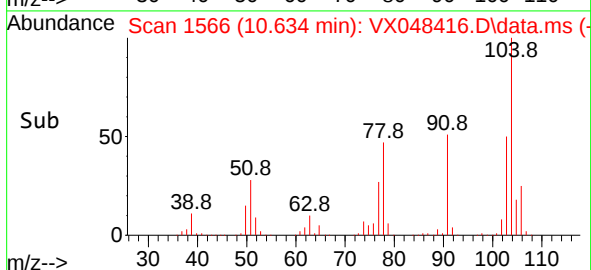
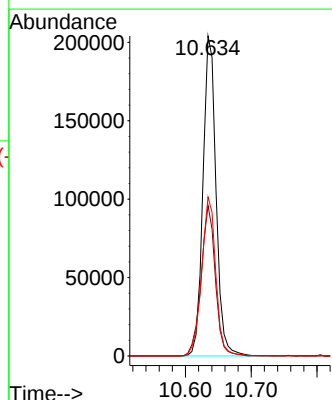
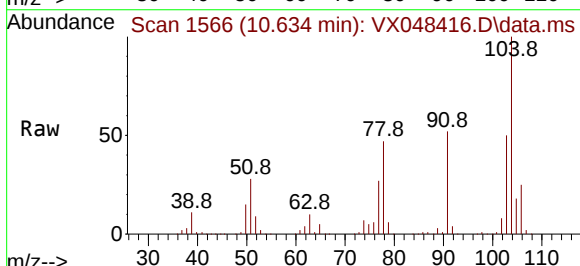
Tgt Ion:104 Resp: 282650

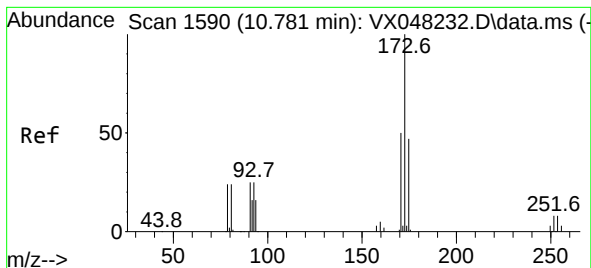
Ion Ratio Lower Upper

104 100

78 50.9 42.2 63.4

103 53.6 43.0 64.4





#71

Bromoform

Concen: 51.879 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

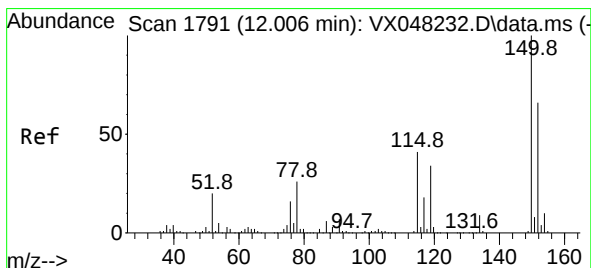
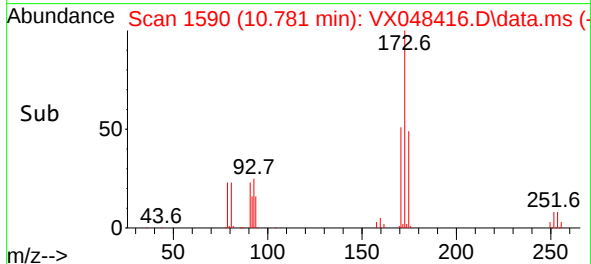
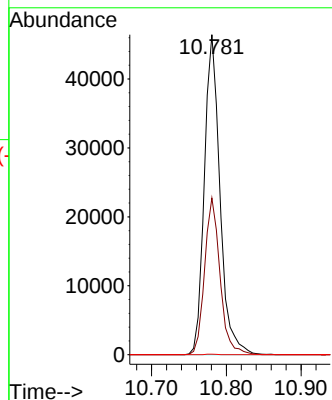
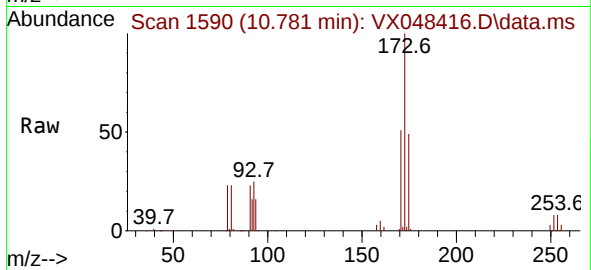
Tgt Ion:173 Resp: 67415

Ion Ratio Lower Upper

173 100

175 48.3 24.0 72.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

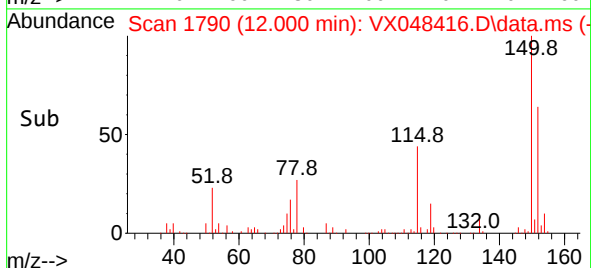
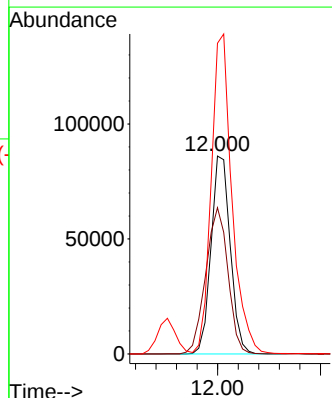
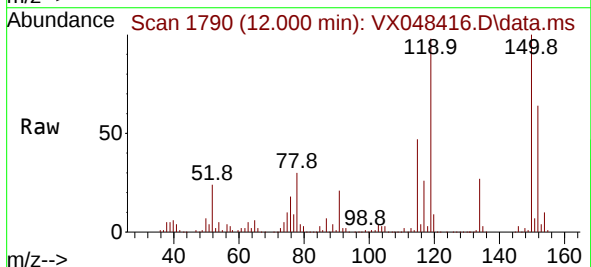
Tgt Ion:152 Resp: 111736

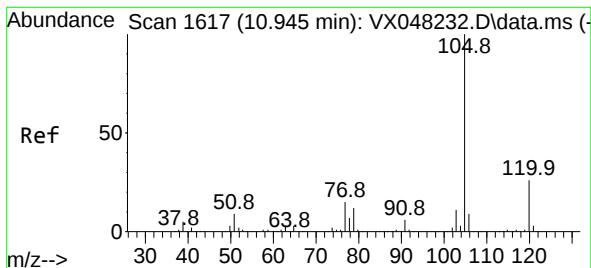
Ion Ratio Lower Upper

152 100

115 85.4 43.1 129.4

150 173.8 0.0 353.0





#73

Isopropylbenzene

Concen: 50.292 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

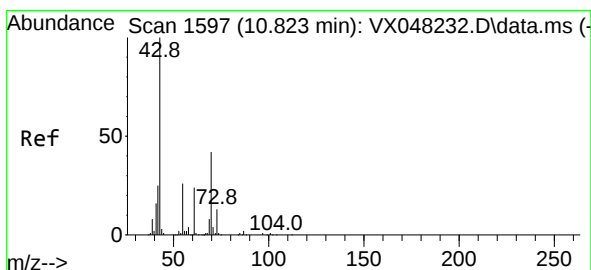
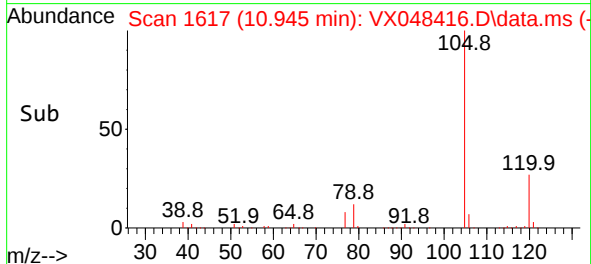
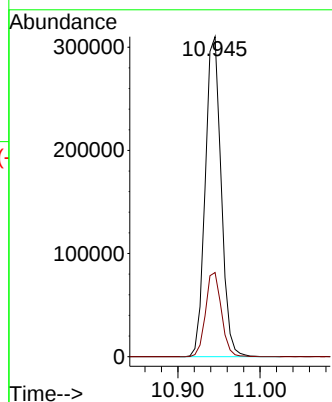
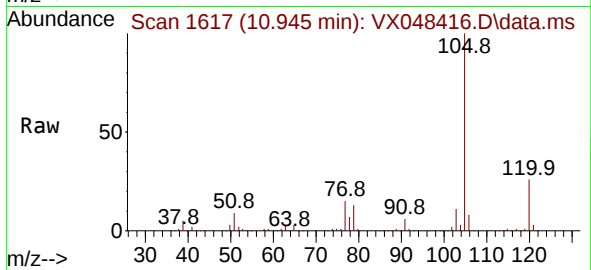
VSTDCCC050

Tgt Ion:105 Resp: 415638

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 52.531 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Tgt Ion: 43 Resp: 154874

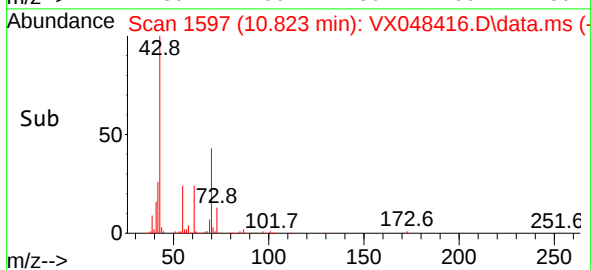
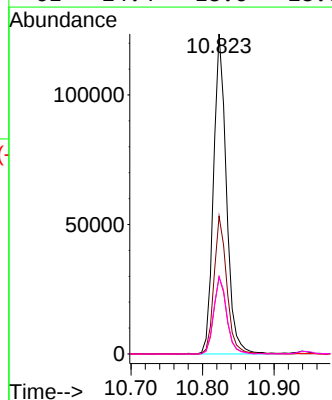
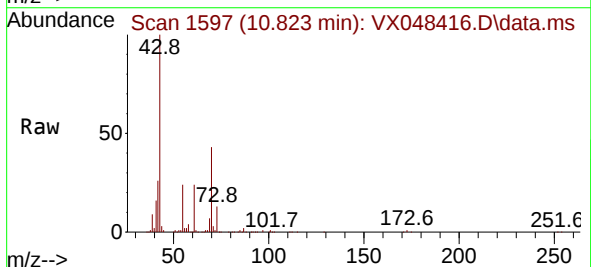
Ion Ratio Lower Upper

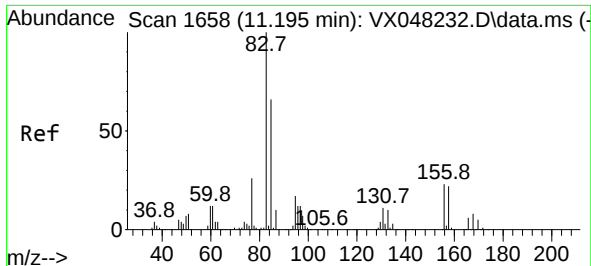
43 100

70 42.5 32.2 48.2

55 24.0 19.1 28.7

61 24.4 18.6 28.0

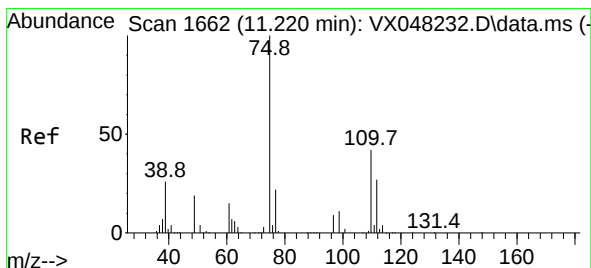
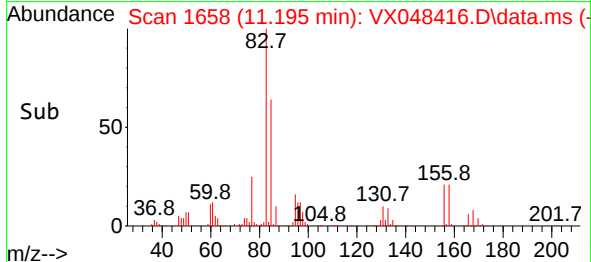
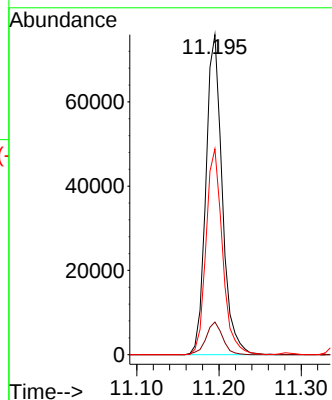
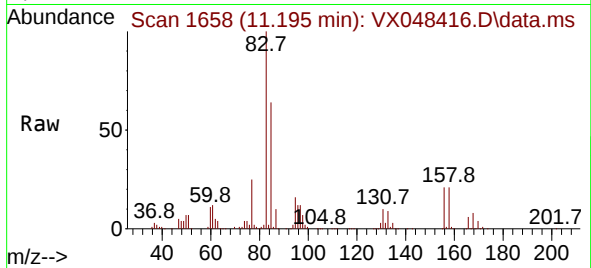




#75
1,1,2,2-Tetrachloroethane
Concen: 50.143 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

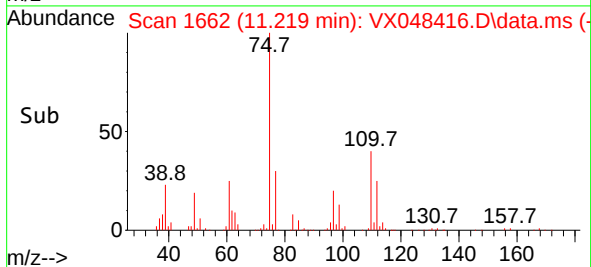
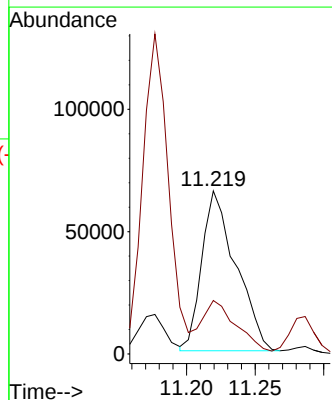
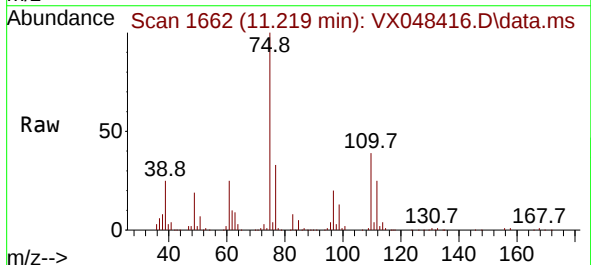
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

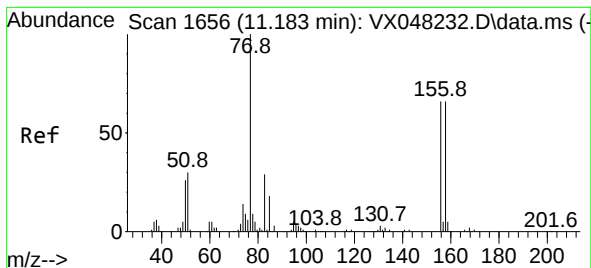
Tgt Ion: 83 Resp: 104968
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 70.693 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 75 Resp: 113598
Ion Ratio Lower Upper
75 100
77 35.0 22.4 67.2





#77

Bromobenzene

Concen: 50.614 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

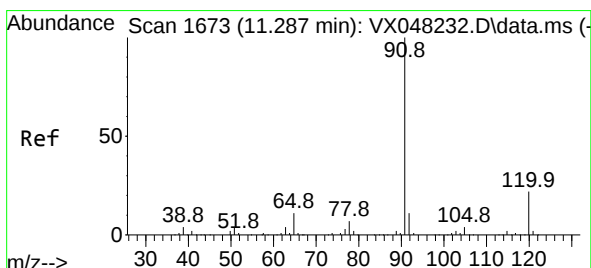
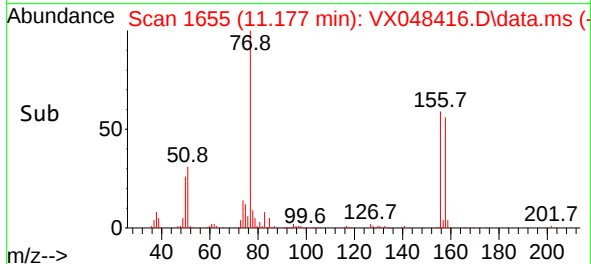
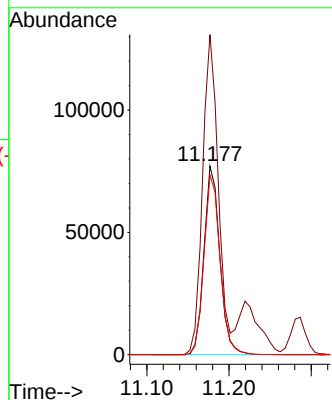
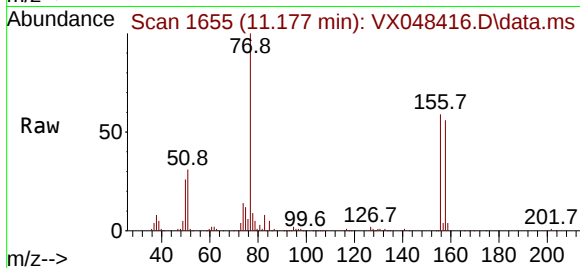
Tgt Ion:156 Resp: 103330

Ion Ratio Lower Upper

156 100

77 166.6 87.0 261.0

158 96.7 47.8 143.4



#78

n-propylbenzene

Concen: 50.071 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048416.D

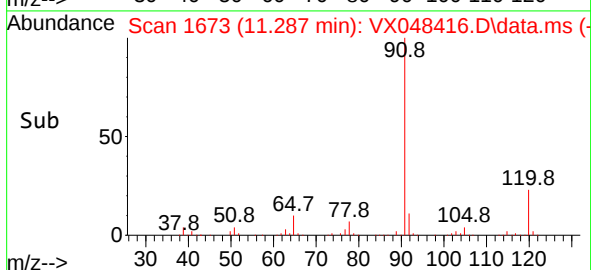
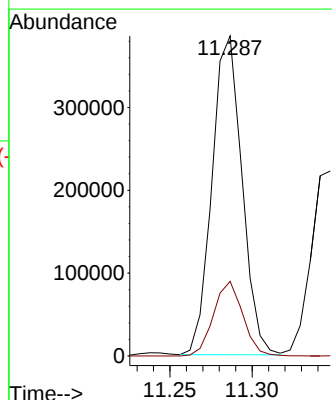
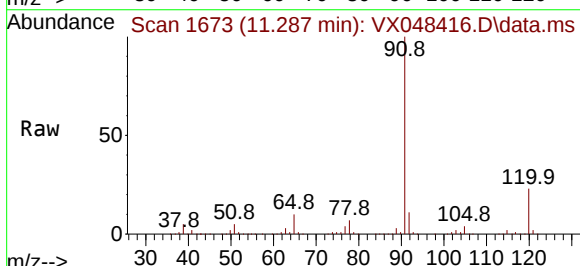
Acq: 31 Oct 2025 09:18

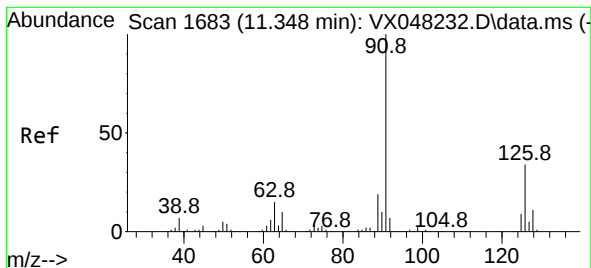
Tgt Ion: 91 Resp: 489090

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.1





#79

2-Chlorotoluene

Concen: 50.133 ug/l

RT: 11.348 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

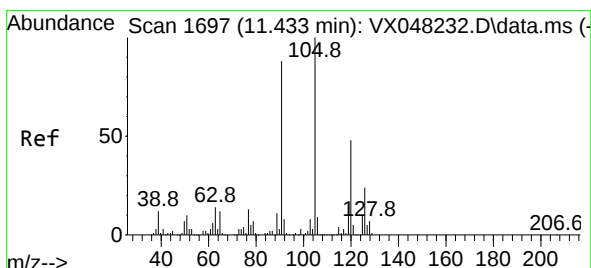
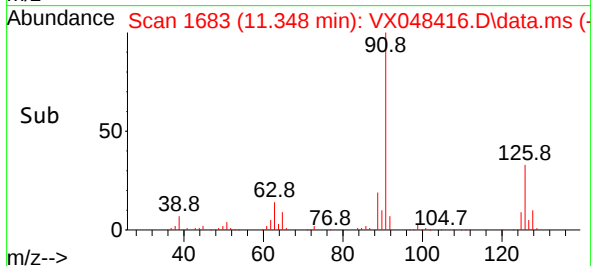
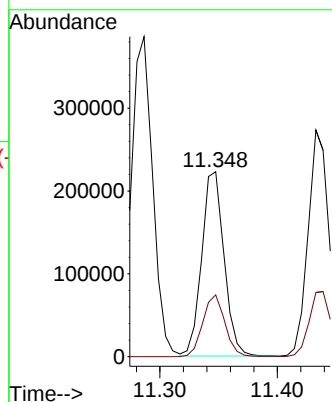
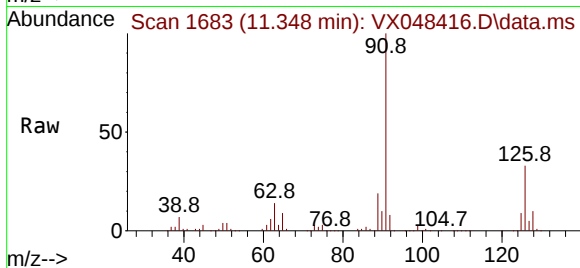
VSTDCCC050

Tgt Ion: 91 Resp: 294010

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 51.297 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048416.D

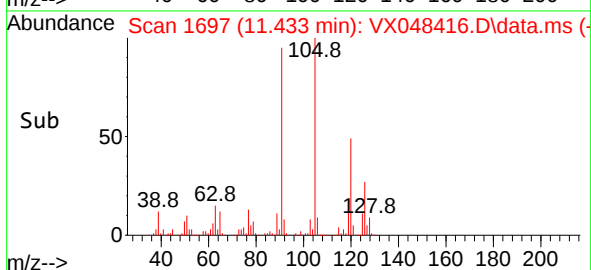
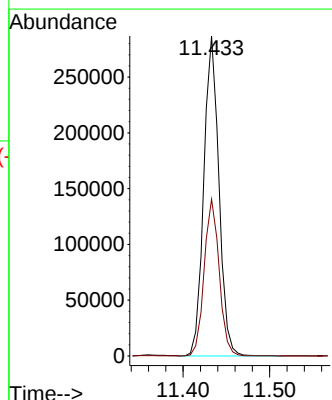
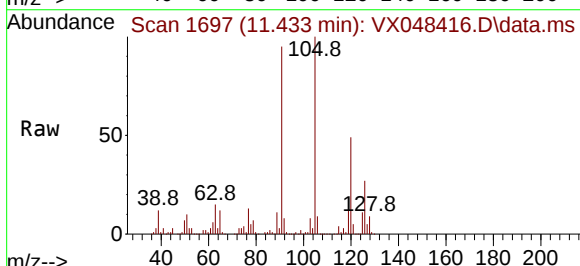
Acq: 31 Oct 2025 09:18

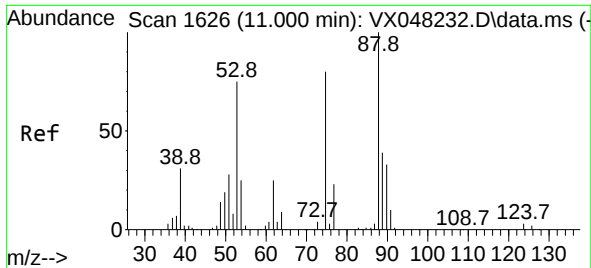
Tgt Ion: 105 Resp: 347518

Ion Ratio Lower Upper

105 100

120 48.6 24.0 72.0

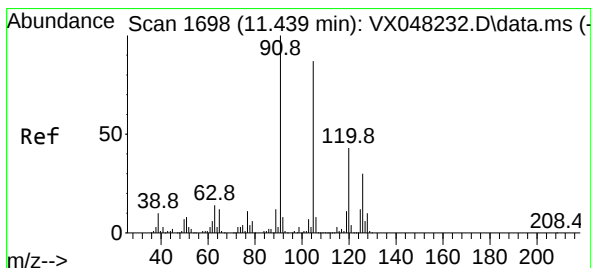
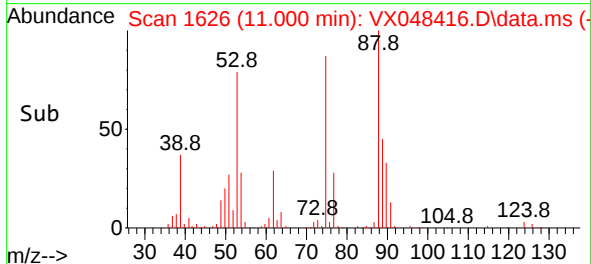
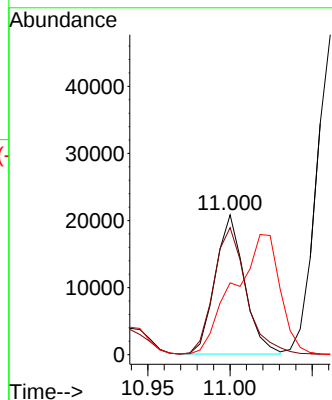
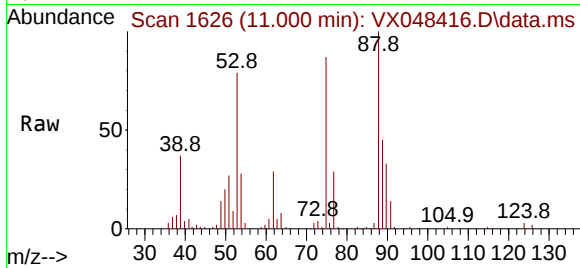




#81
trans-1,4-Dichloro-2-butene
Concen: 55.207 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

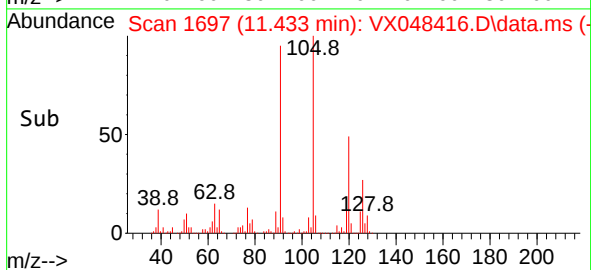
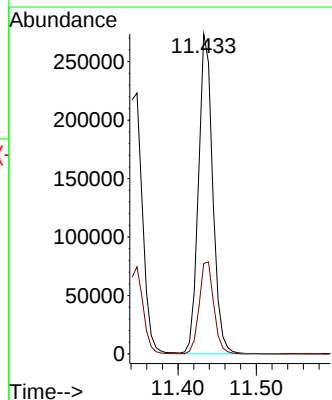
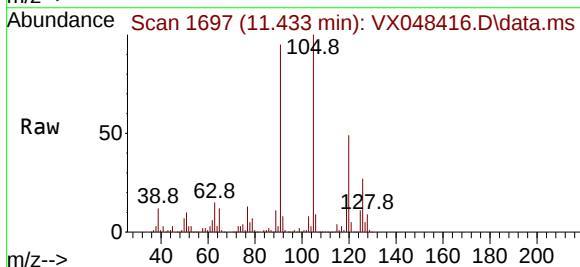
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

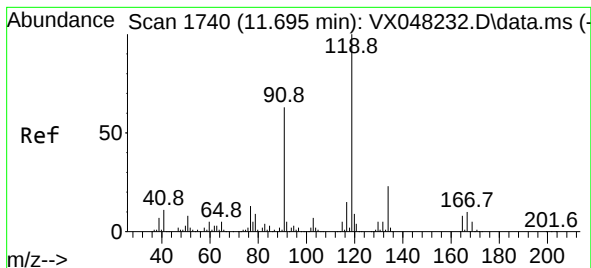
Tgt Ion: 75 Resp: 25635
Ion Ratio Lower Upper
75 100
53 103.5 79.5 119.3
89 136.9 36.8 55.2#



#82
4-Chlorotoluene
Concen: 50.182 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 91 Resp: 345977
Ion Ratio Lower Upper
91 100
126 29.7 14.1 42.4





#83

tert-Butylbenzene

Concen: 48.741 ug/l

RT: 11.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

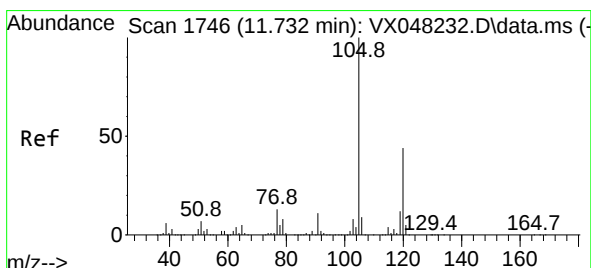
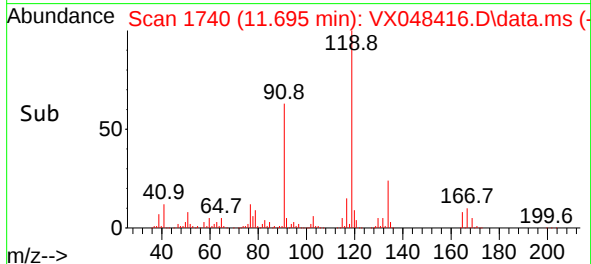
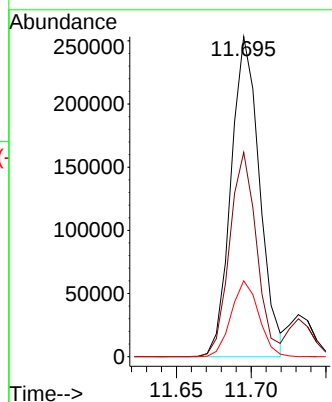
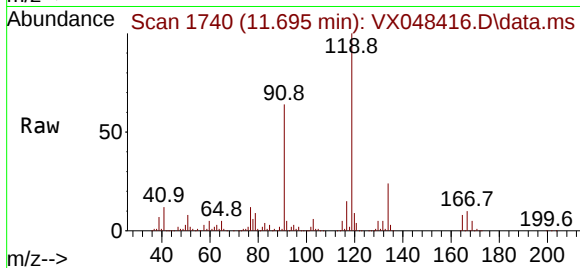
Tgt Ion:119 Resp: 336164

Ion Ratio Lower Upper

119 100

91 60.9 30.3 91.0

134 23.0 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 51.921 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048416.D

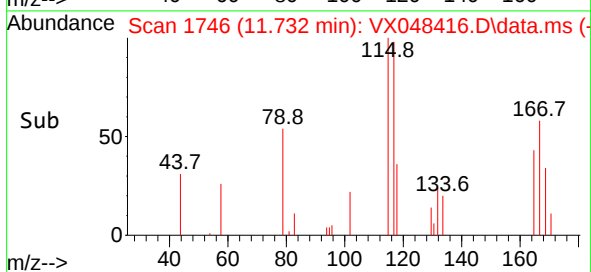
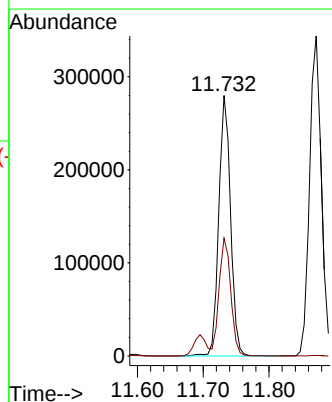
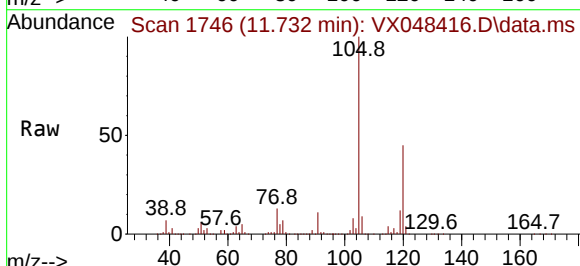
Acq: 31 Oct 2025 09:18

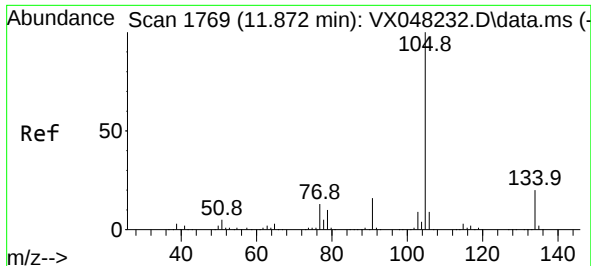
Tgt Ion:105 Resp: 348276

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.5

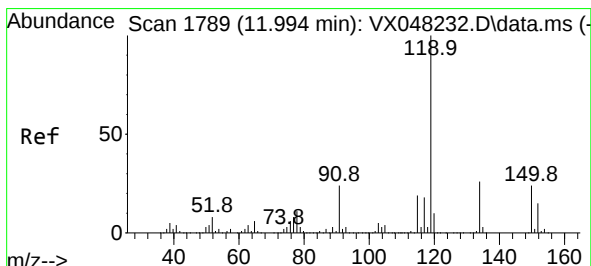
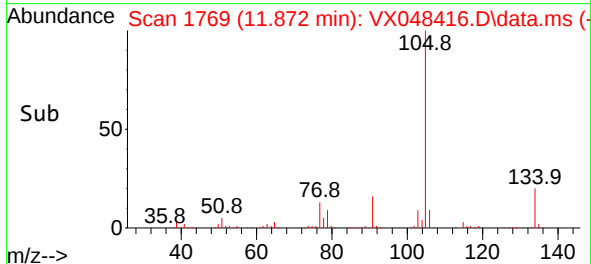
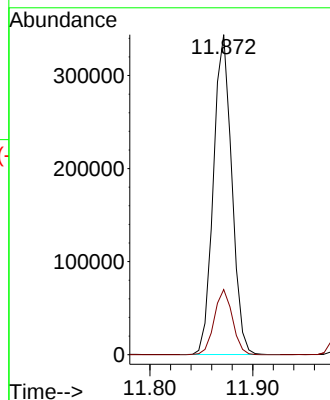
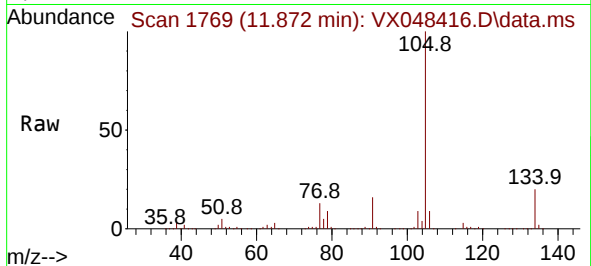




#85
 sec-Butylbenzene
 Concen: 49.679 ug/l
 RT: 11.872 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

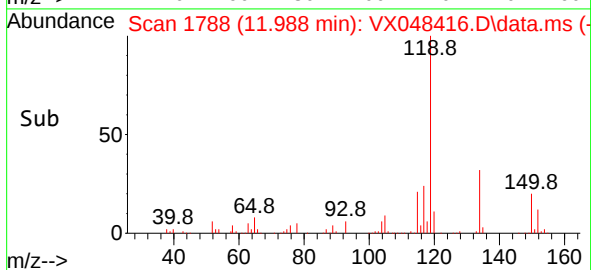
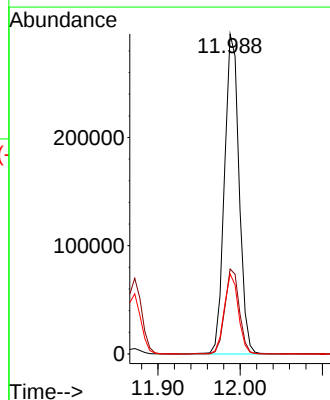
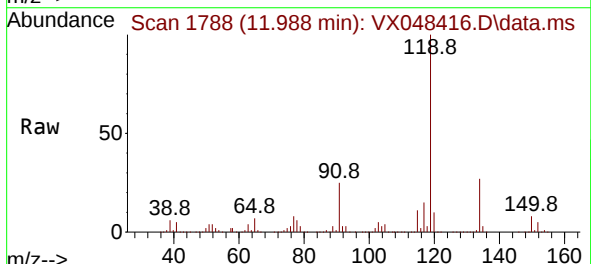
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 426930
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.180 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048416.D
 Acq: 31 Oct 2025 09:18

Tgt Ion:119 Resp: 364568
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.822 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

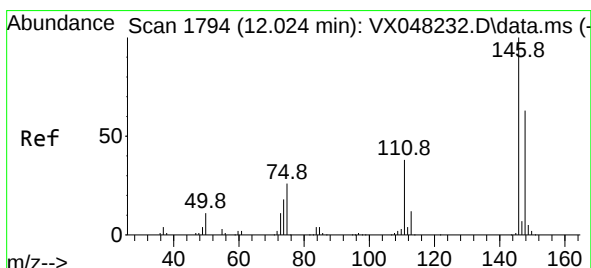
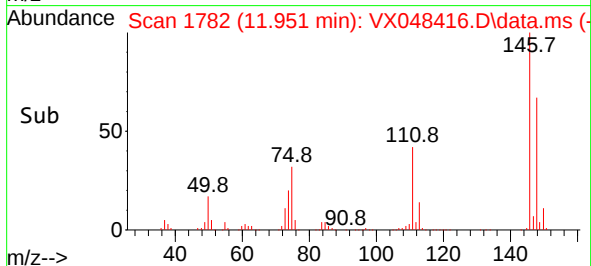
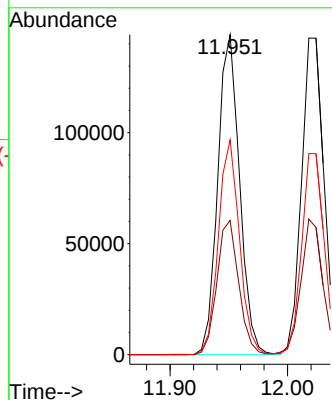
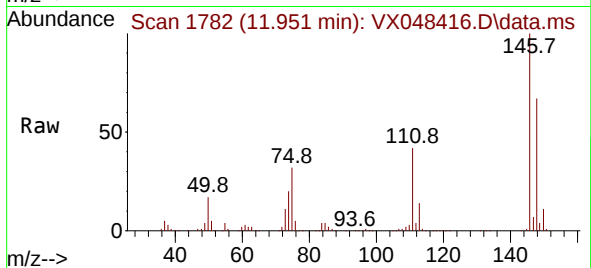
Tgt Ion:146 Resp: 186450

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.2

148 64.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.952 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

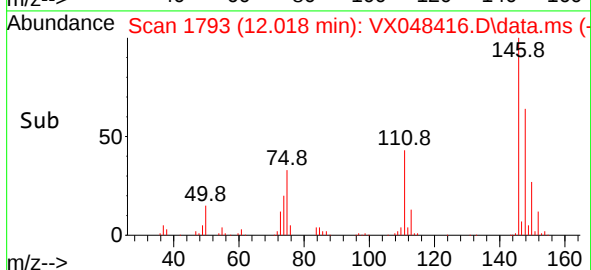
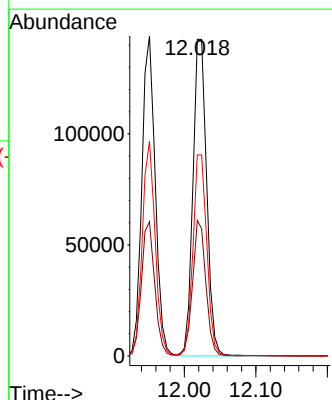
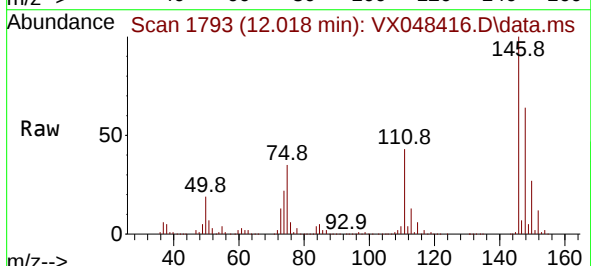
Tgt Ion:146 Resp: 190416

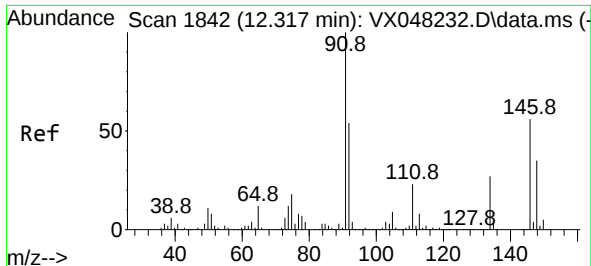
Ion Ratio Lower Upper

146 100

111 41.4 20.1 60.2

148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 49.190 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

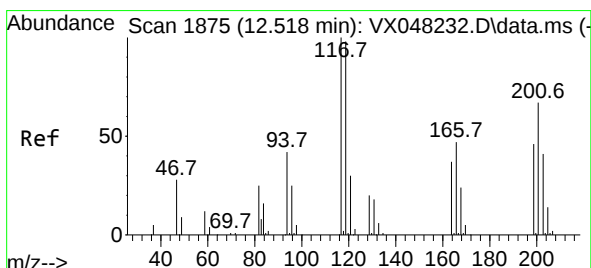
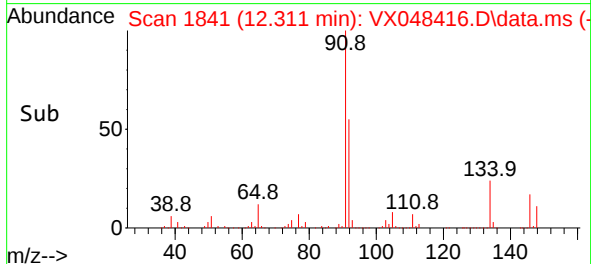
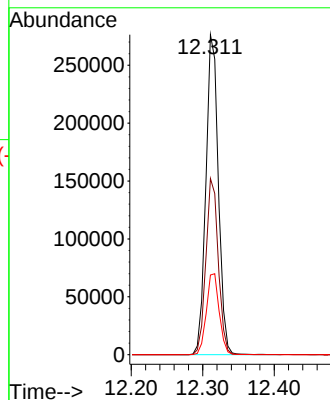
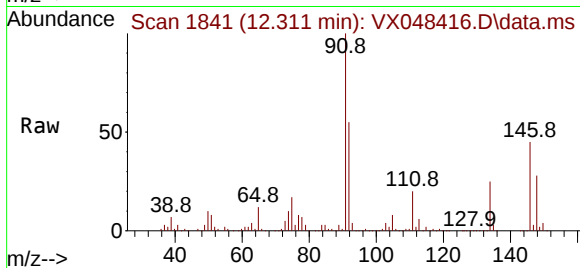
Tgt Ion: 91 Resp: 335539

Ion Ratio Lower Upper

91 100

92 54.8 26.9 80.6

134 26.1 12.7 38.1



#90

Hexachloroethane

Concen: 50.589 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048416.D

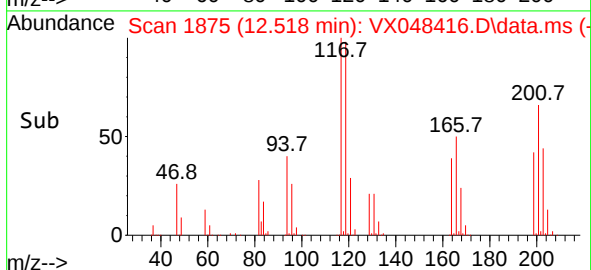
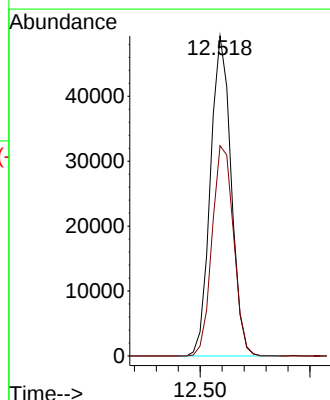
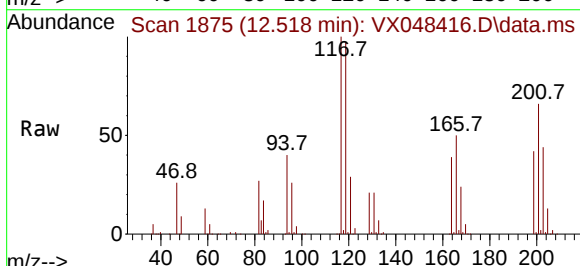
Acq: 31 Oct 2025 09:18

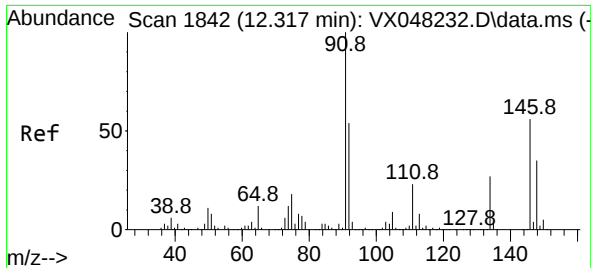
Tgt Ion: 117 Resp: 64583

Ion Ratio Lower Upper

117 100

201 68.4 34.1 102.2

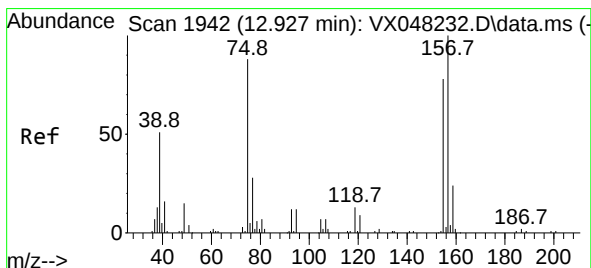
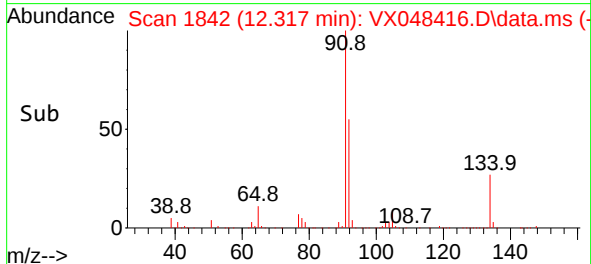
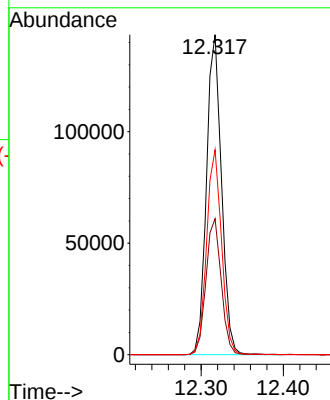
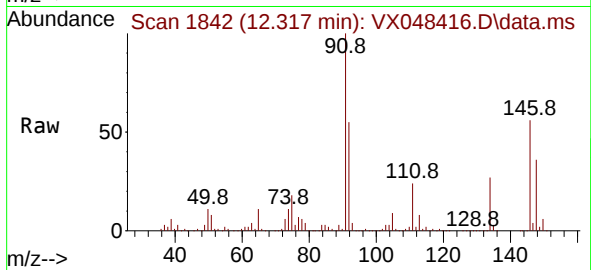




#91
1,2-Dichlorobenzene
Concen: 50.313 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

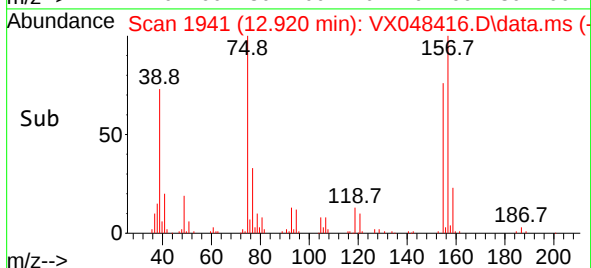
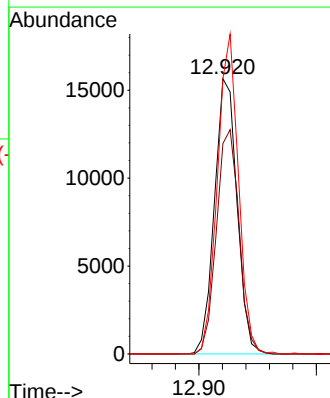
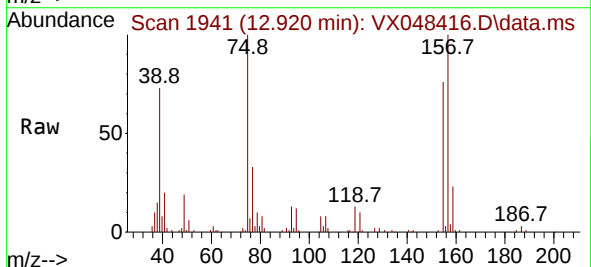
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

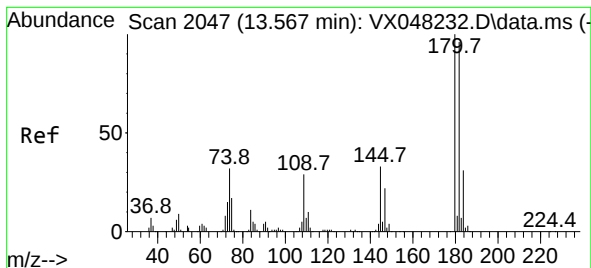
Tgt Ion:146 Resp: 181779
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.896 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048416.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 75 Resp: 20863
Ion Ratio Lower Upper
75 100
155 81.7 42.8 128.4
157 108.3 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 49.430 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

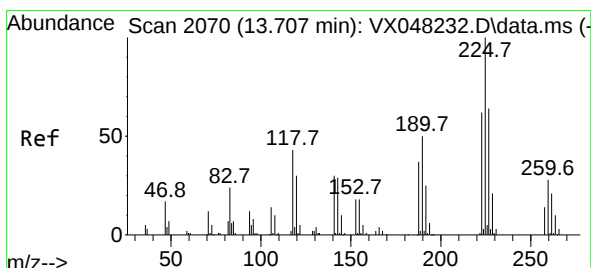
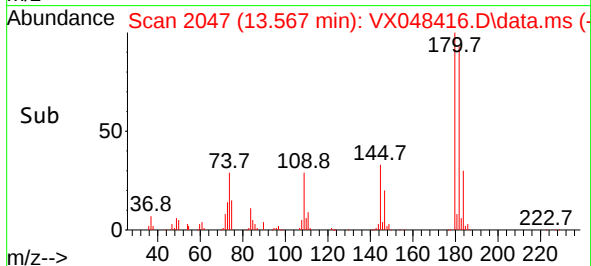
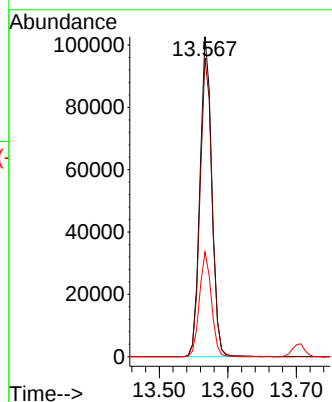
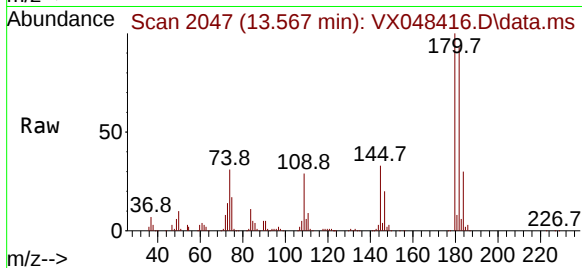
Tgt Ion:180 Resp: 123235

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

145 32.8 16.3 48.9



#94

Hexachlorobutadiene

Concen: 46.989 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

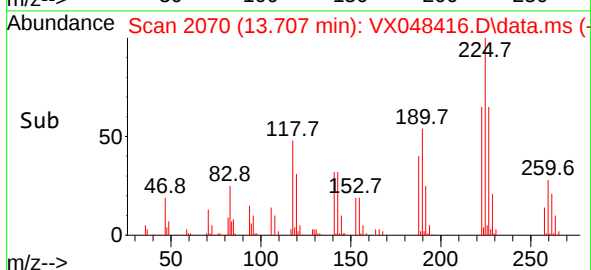
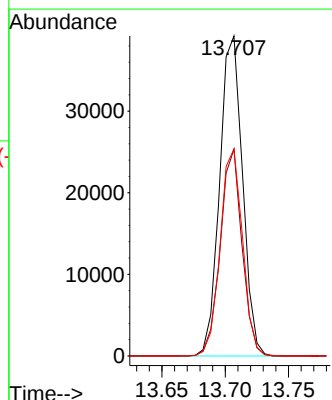
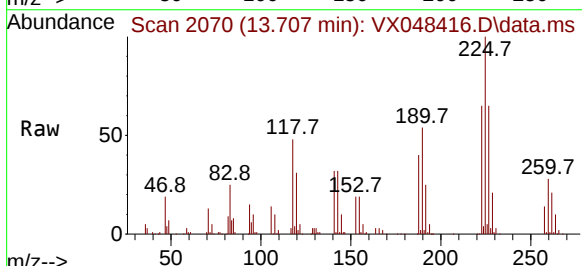
Tgt Ion:225 Resp: 49140

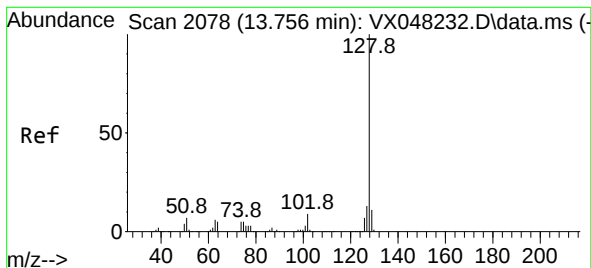
Ion Ratio Lower Upper

225 100

223 61.3 32.6 97.7

227 63.3 32.5 97.4





#95

Naphthalene

Concen: 52.461 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

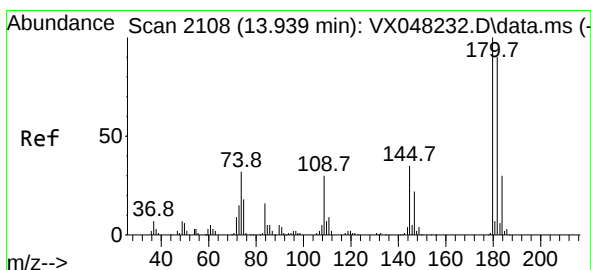
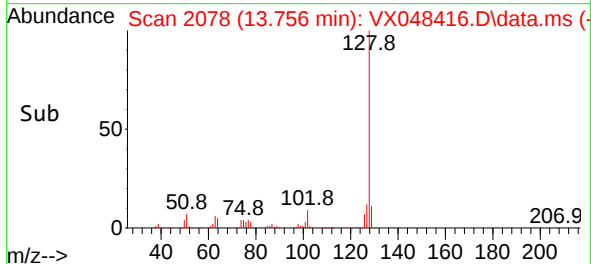
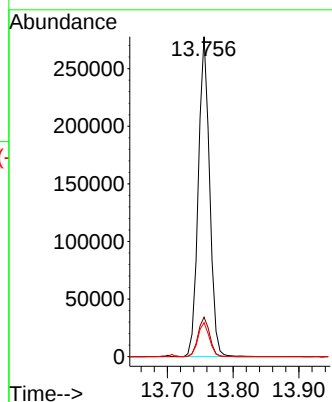
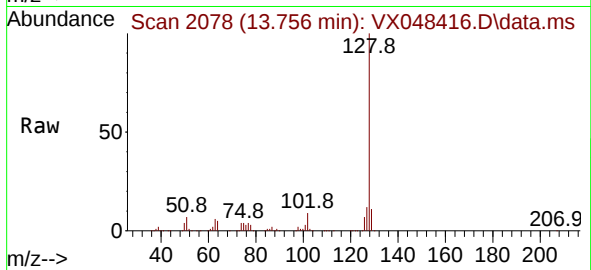
Tgt Ion:128 Resp: 330326

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.405 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048416.D

Acq: 31 Oct 2025 09:18

Tgt Ion:180 Resp: 114145

Ion Ratio Lower Upper

180 100

182 97.0 46.6 139.7

145 34.7 16.9 50.7

