

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048126.D
 Acq On : 13 Oct 2025 08:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	154232	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	259451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	109642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	122218	49.784	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.361	113	96057	55.205	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.400%
50) Toluene-d8	8.629	98	320023	53.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.300%
62) 4-Bromofluorobenzene	11.061	95	118434	51.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	103463	64.782	ug/l	98
3) Chloromethane	1.301	50	121065	57.677	ug/l	100
4) Vinyl Chloride	1.380	62	131386	63.944	ug/l	100
5) Bromomethane	1.612	94	84717	65.021	ug/l	96
6) Chloroethane	1.691	64	81130	59.077	ug/l	99
7) Trichlorofluoromethane	1.892	101	196755	64.492	ug/l	100
8) Diethyl Ether	2.136	74	66781	53.511	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	110939	62.189	ug/l	99
10) Methyl Iodide	2.453	142	129313	46.479	ug/l	97
11) Tert butyl alcohol	2.934	59	56929	208.211	ug/l	96
12) 1,1-Dichloroethene	2.325	96	108573	59.251	ug/l	97
13) Acrolein	2.233	56	68559	272.102	ug/l	98
14) Allyl chloride	2.660	41	196379	51.934	ug/l	97
15) Acrylonitrile	3.050	53	248774	245.639	ug/l	99
16) Acetone	2.368	43	299583	280.657	ug/l	98
17) Carbon Disulfide	2.514	76	327782	65.341	ug/l	98
18) Methyl Acetate	2.697	43	102094	42.977	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	336820	50.353	ug/l	99
20) Methylene Chloride	2.788	84	122220	54.092	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	113608	57.586	ug/l	97
22) Diisopropyl ether	3.745	45	387319	52.853	ug/l	93
23) Vinyl Acetate	3.709	43	1524842	259.984	ug/l	100
24) 1,1-Dichloroethane	3.599	63	211944	54.414	ug/l	99
25) 2-Butanone	4.526	43	323611	243.044	ug/l	99
26) 2,2-Dichloropropane	4.459	77	176762	54.594	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	128687	53.263	ug/l	99
28) Bromochloromethane	4.879	49	83502	49.106	ug/l	99
29) Tetrahydrofuran	4.983	42	175527	219.136	ug/l	99
30) Chloroform	5.068	83	210135	53.388	ug/l	96
31) Cyclohexane	5.452	56	178045	54.883	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	185345	55.516	ug/l	99
36) 1,1-Dichloropropene	5.672	75	143574	56.468	ug/l	99
37) Ethyl Acetate	4.684	43	126824	46.586	ug/l	99
38) Carbon Tetrachloride	5.660	117	160504	58.100	ug/l	99
39) Methylcyclohexane	7.361	83	170322	59.013	ug/l	98
40) Benzene	6.013	78	430744	55.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	72107	51.306	ug/l	96
42) 1,2-Dichloroethane	6.062	62	154248	52.496	ug/l	98
43) Isopropyl Acetate	6.312	43	206326	46.211	ug/l	100
44) Trichloroethene	7.104	130	104133	55.775	ug/l	95
45) 1,2-Dichloropropane	7.409	63	105891	53.550	ug/l	99
46) Dibromomethane	7.562	93	76964	53.485	ug/l	98
47) Bromodichloromethane	7.799	83	162548	54.741	ug/l	100
48) Methyl methacrylate	7.671	41	104388	46.937	ug/l	98
49) 1,4-Dioxane	7.641	88	24111	1072.749	ug/l	96
51) 4-Methyl-2-Pentanone	8.549	43	569942	230.231	ug/l	99
52) Toluene	8.696	92	259802	54.605	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	160828	53.099	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	176072	54.388	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	95272	51.931	ug/l	97
56) Ethyl methacrylate	9.098	69	139255	48.333	ug/l	98
57) 1,3-Dichloropropane	9.287	76	165863	52.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	336481	244.822	ug/l	100
59) 2-Hexanone	9.409	43	419911	236.180	ug/l	99
60) Dibromochloromethane	9.500	129	117709	55.685	ug/l	100
61) 1,2-Dibromoethane	9.592	107	97885	52.384	ug/l	100
64) Tetrachloroethene	9.257	164	84307	57.942	ug/l	97
65) Chlorobenzene	10.061	112	277555	54.737	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	96629	55.224	ug/l	97
67) Ethyl Benzene	10.177	91	490587	56.073	ug/l	99
68) m/p-Xylenes	10.281	106	369555	113.483	ug/l	99
69) o-Xylene	10.622	106	173309	55.023	ug/l	100
70) Styrene	10.634	104	303904	55.065	ug/l	99
71) Bromoform	10.781	173	71212	54.505	ug/l #	98
73) Isopropylbenzene	10.945	105	456852	54.807	ug/l	99
74) N-amyl acetate	10.823	43	173323	45.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	122425	48.544	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	135581	61.075	ug/l	92
77) Bromobenzene	11.177	156	107070	52.152	ug/l	98
78) n-propylbenzene	11.287	91	540893	54.892	ug/l	100
79) 2-Chlorotoluene	11.348	91	322270	53.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	370027	54.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	40429	46.443	ug/l	99
82) 4-Chlorotoluene	11.433	91	381746	53.556	ug/l	99
83) tert-Butylbenzene	11.695	119	369136	52.654	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	373978	53.862	ug/l	100
85) sec-Butylbenzene	11.872	105	450074	54.048	ug/l	99
86) p-Isopropyltoluene	11.988	119	379791	53.872	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	197717	51.849	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	202440	51.725	ug/l	100
89) n-Butylbenzene	12.311	91	352384	54.020	ug/l	99
90) Hexachloroethane	12.518	117	71735	57.956	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	188937	52.006	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	22649	44.358	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	115543	48.936	ug/l	97
94) Hexachlorobutadiene	13.707	225	42338	52.791	ug/l	97
95) Naphthalene	13.756	128	324021	45.067	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	109087	49.668	ug/l	99

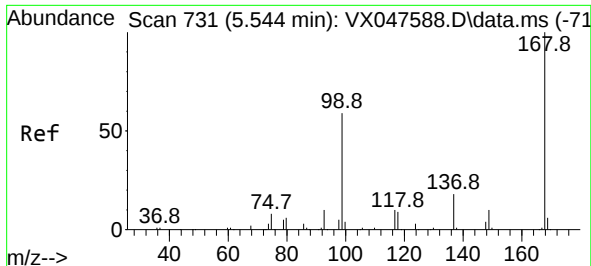
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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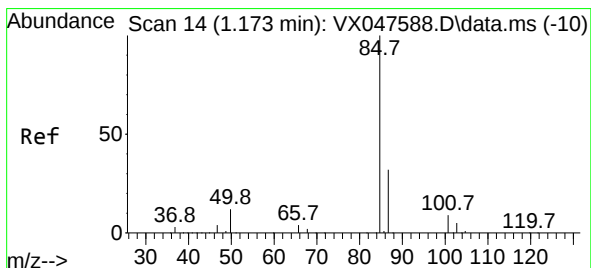
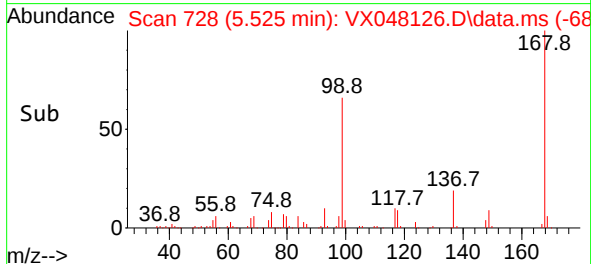
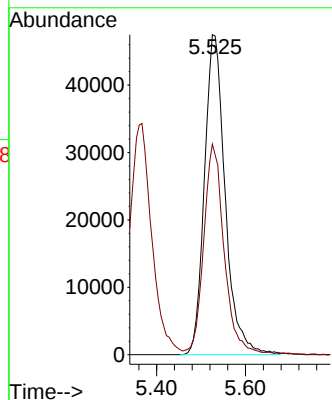
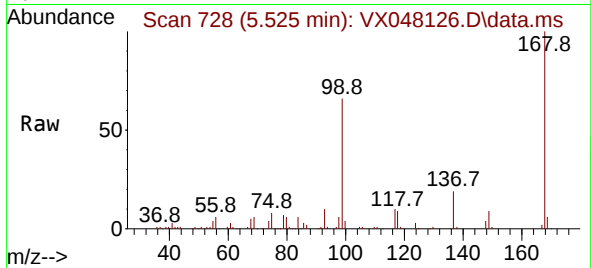
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.019 min
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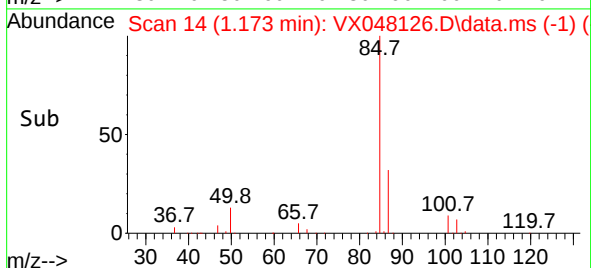
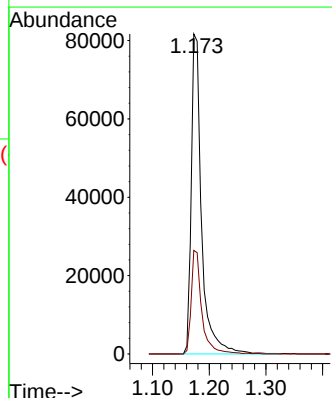
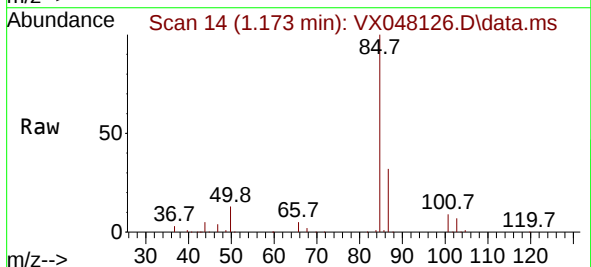
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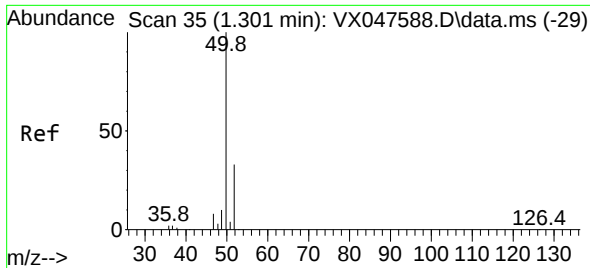
Tgt Ion:168 Resp: 154232
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 64.782 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 85 Resp: 103463
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3

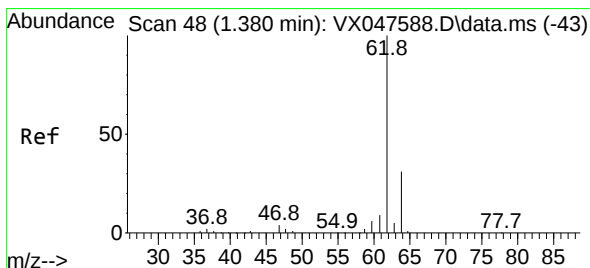
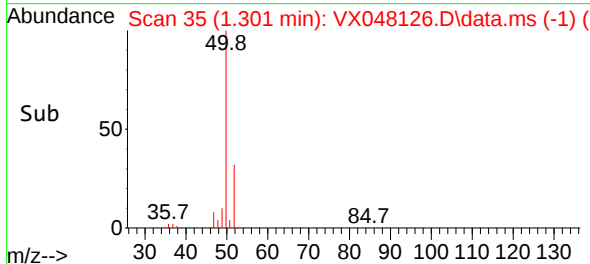
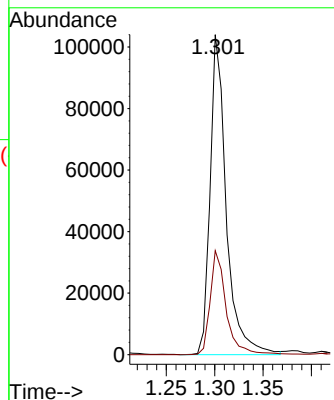
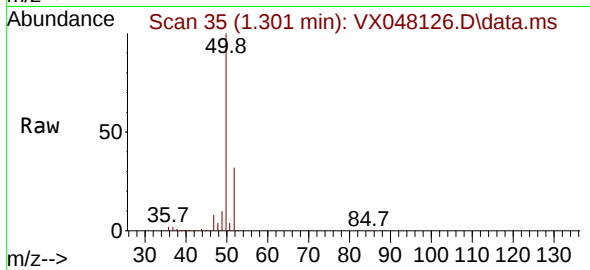




#3
Chloromethane
Concen: 57.677 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

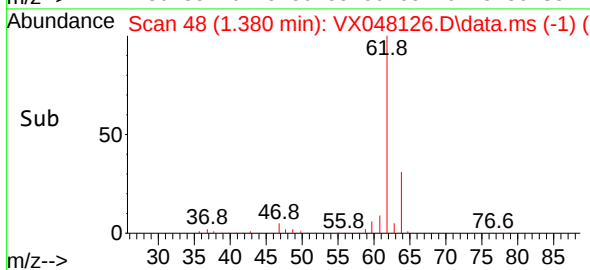
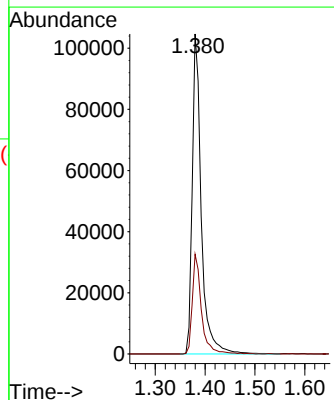
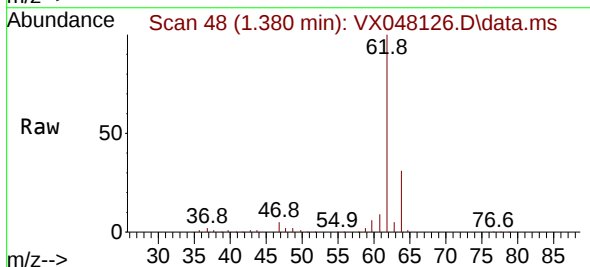
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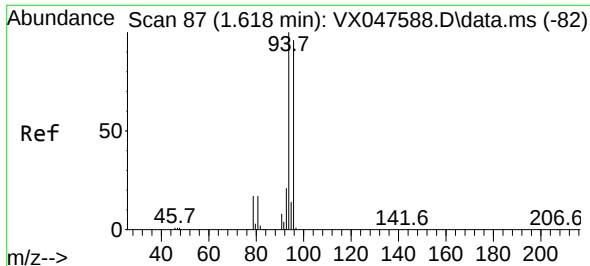
Tgt Ion: 50 Resp: 121065
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 63.944 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 62 Resp: 131386
Ion Ratio Lower Upper
62 100
64 31.2 24.9 37.3

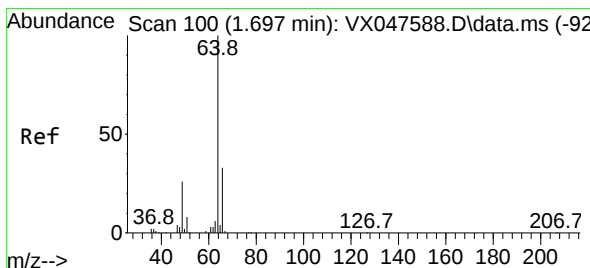
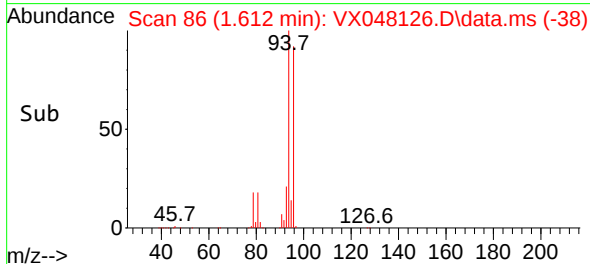
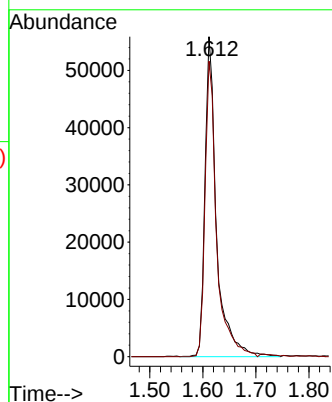
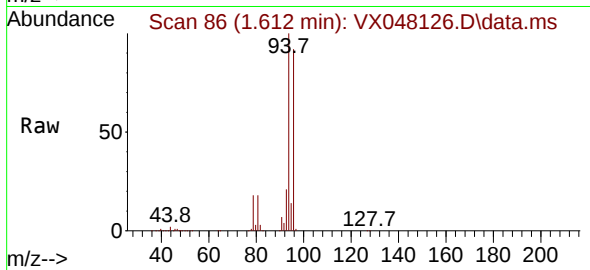




#5
Bromomethane
Concen: 65.021 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

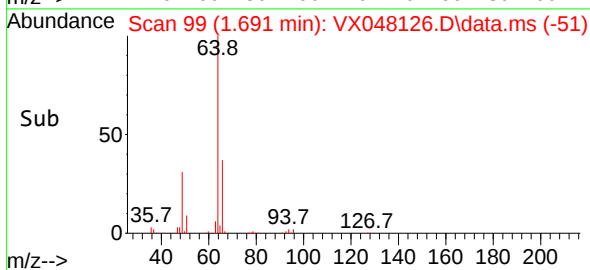
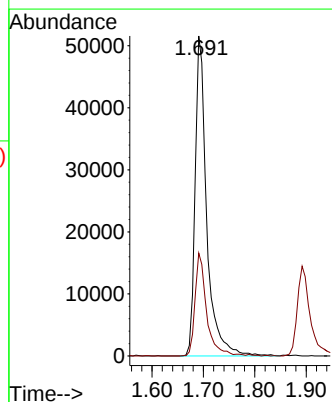
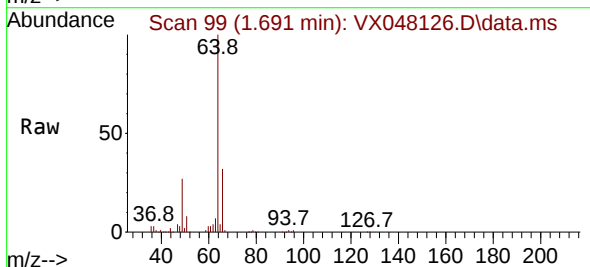
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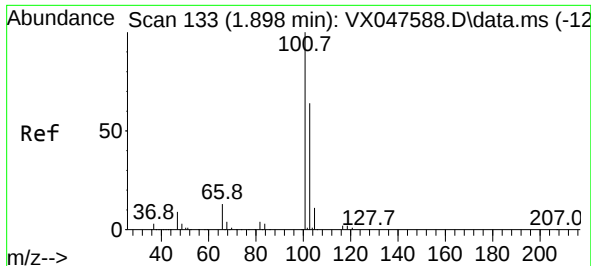
Tgt Ion: 94 Resp: 84717
Ion Ratio Lower Upper
94 100
96 92.3 76.6 115.0



#6
Chloroethane
Concen: 59.077 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 64 Resp: 81130
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

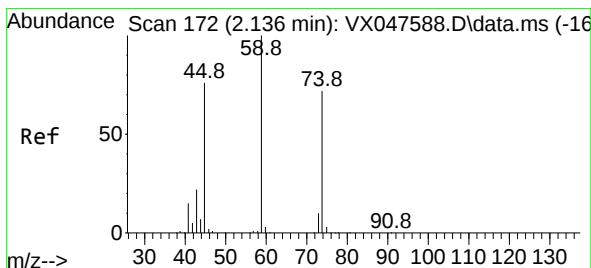
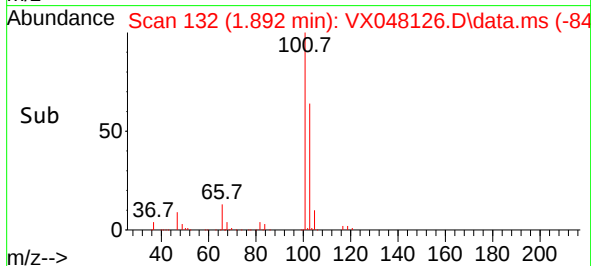
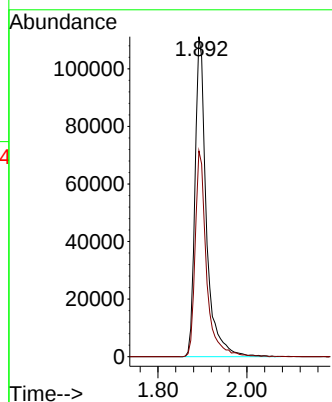
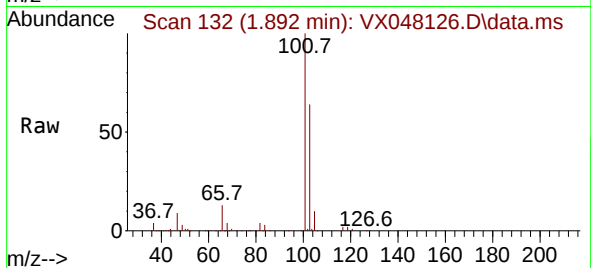




#7
Trichlorofluoromethane
Concen: 64.492 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

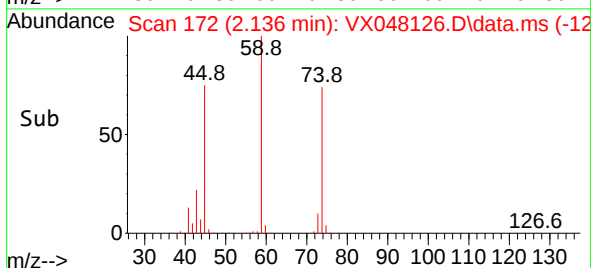
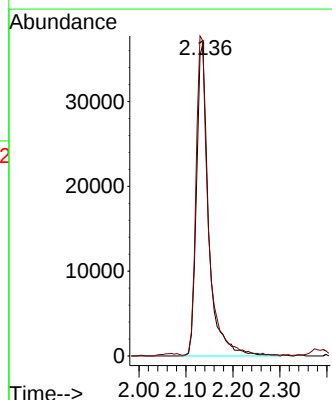
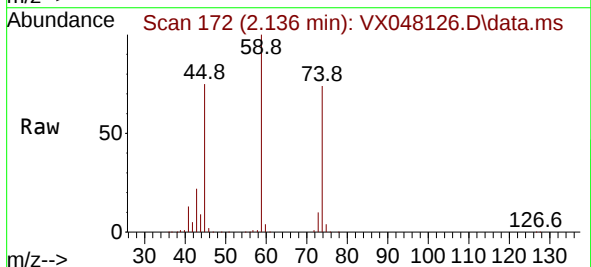
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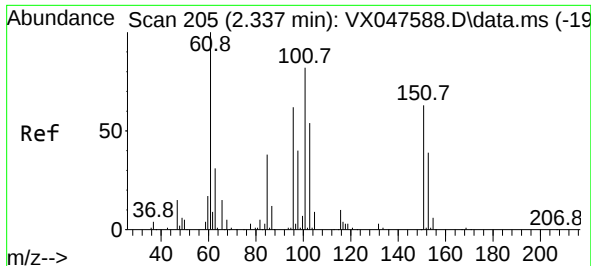
Tgt Ion:101 Resp: 196755
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2



#8
Diethyl Ether
Concen: 53.511 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 74 Resp: 66781
Ion Ratio Lower Upper
74 100
45 105.1 52.3 156.8

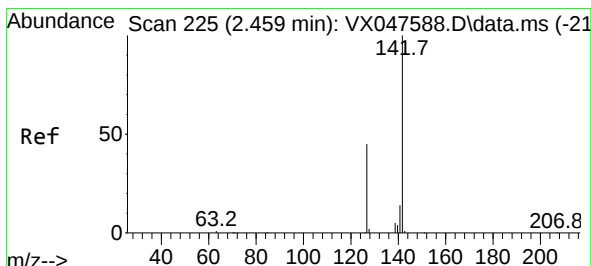
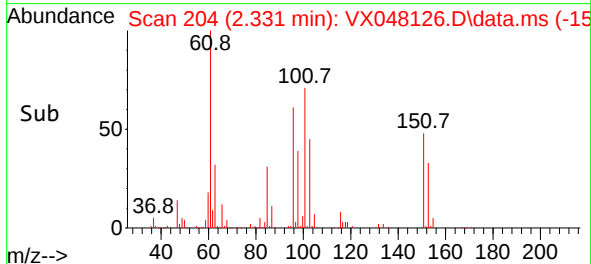
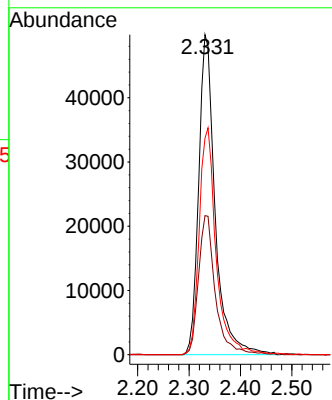
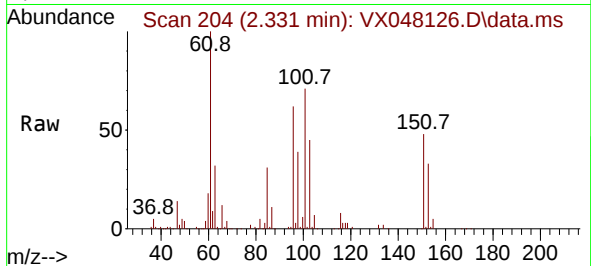




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.189 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
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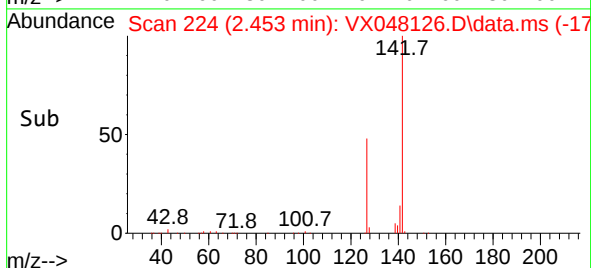
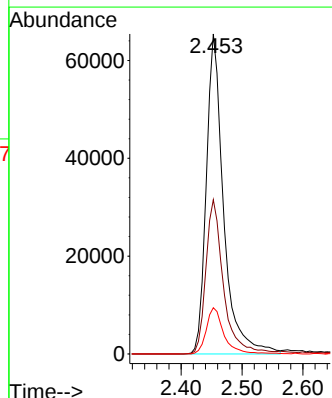
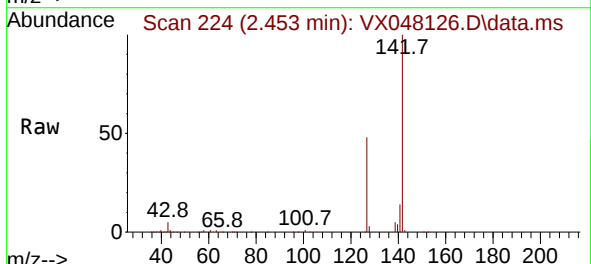
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

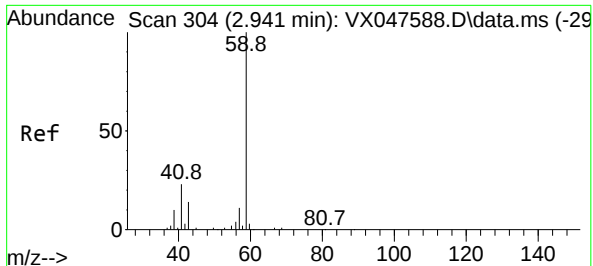
Tgt Ion:101 Resp: 110939
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 72.9 59.4 89.0



#10
Methyl Iodide
Concen: 46.479 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:142 Resp: 129313
Ion Ratio Lower Upper
142 100
127 49.0 37.2 55.8
141 14.7 11.4 17.0

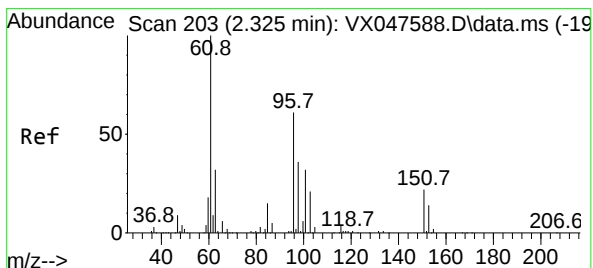
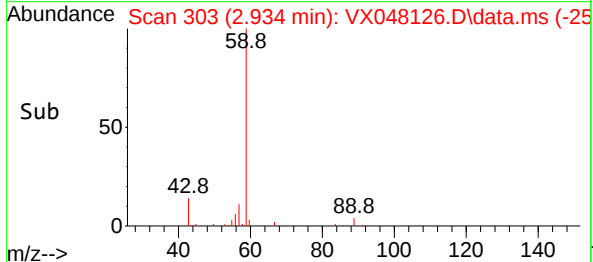
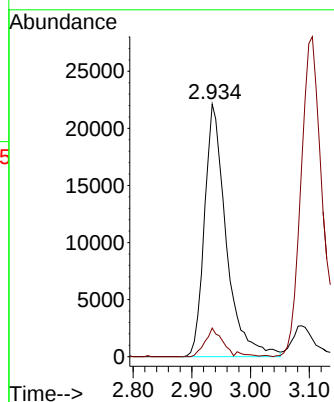
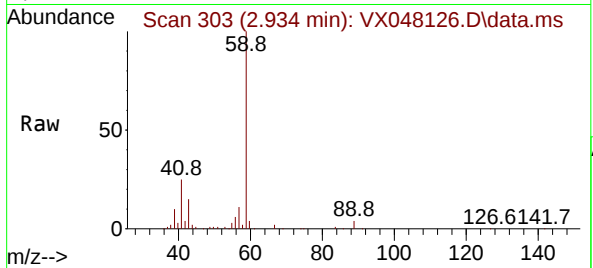




#11
Tert butyl alcohol
Concen: 208.211 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

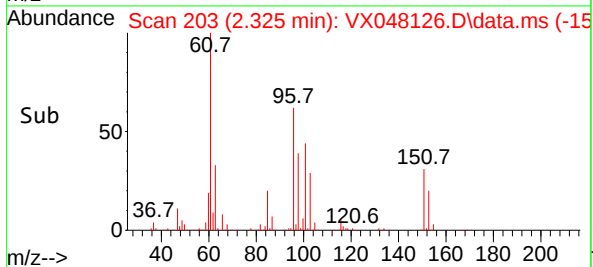
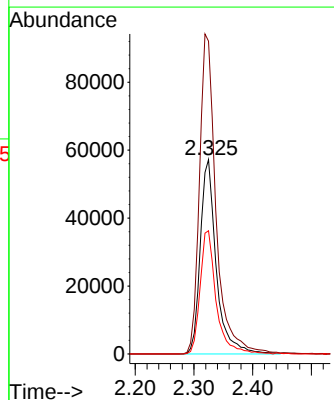
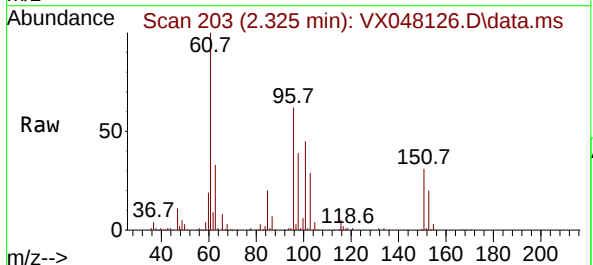
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

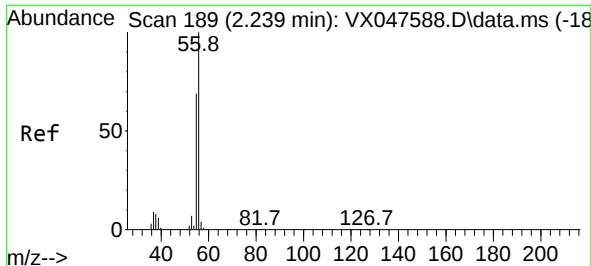
Tgt Ion: 59 Resp: 56929
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 59.251 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 96 Resp: 108573
Ion Ratio Lower Upper
96 100
61 160.9 131.0 196.6
98 63.4 47.7 71.5

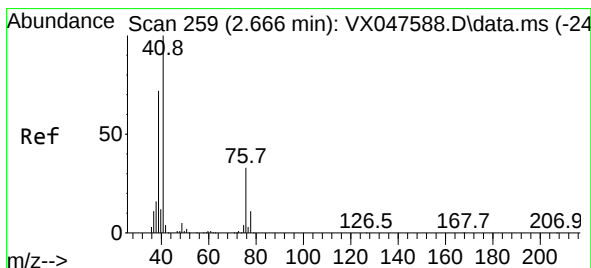
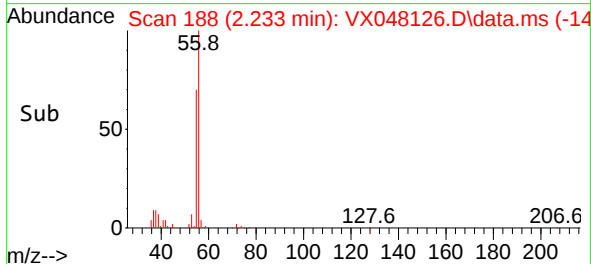
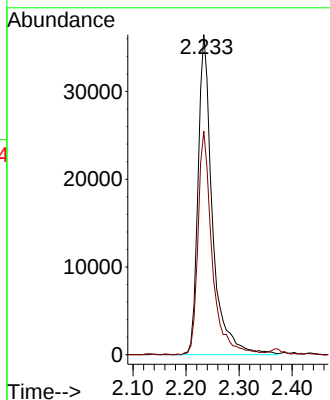
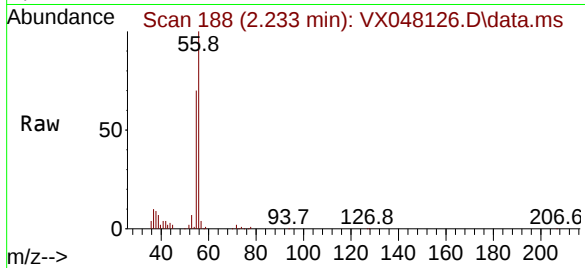




#13
Acrolein
Concen: 272.102 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

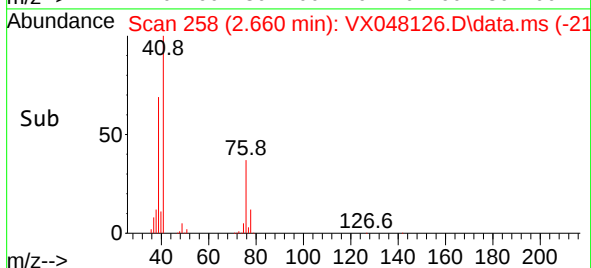
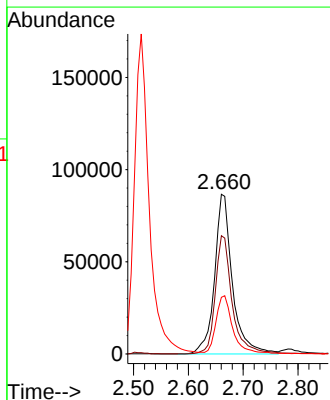
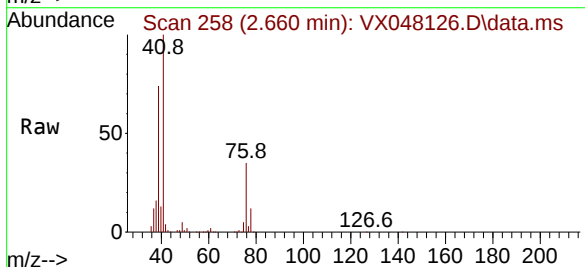
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

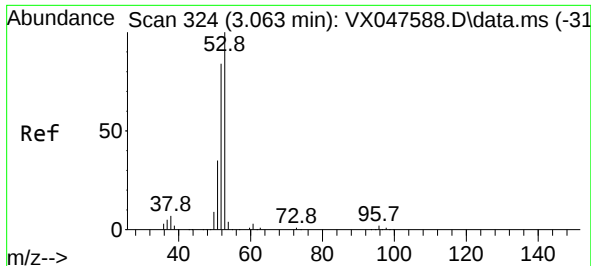
Tgt Ion: 56 Resp: 68559
Ion Ratio Lower Upper
56 100
55 69.4 57.2 85.8



#14
Allyl chloride
Concen: 51.934 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 41 Resp: 196379
Ion Ratio Lower Upper
41 100
39 70.1 54.7 82.1
76 35.2 25.7 38.5

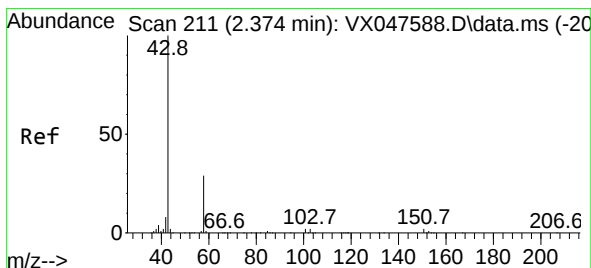
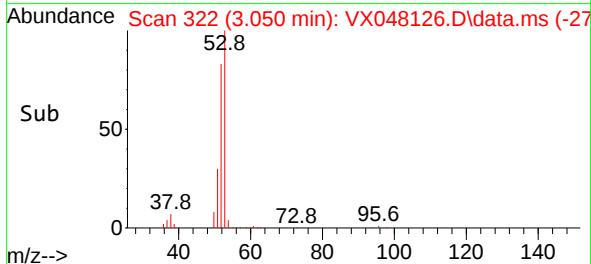
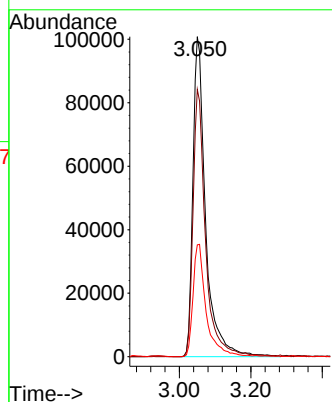
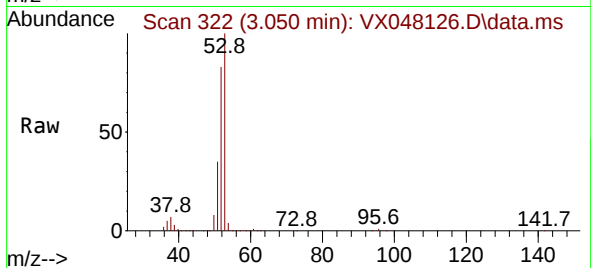




#15
Acrylonitrile
Concen: 245.639 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

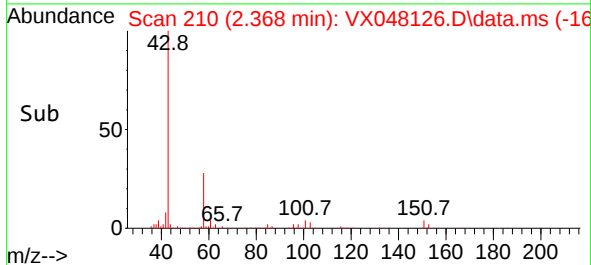
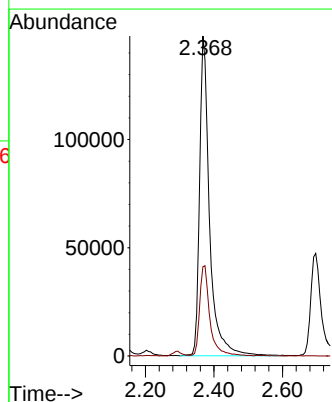
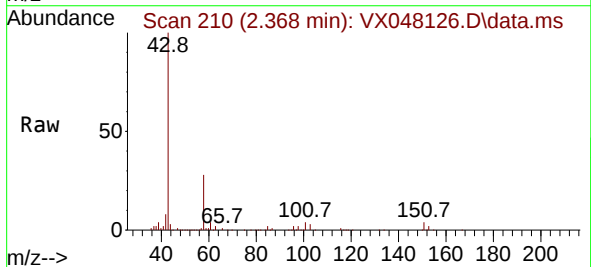
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

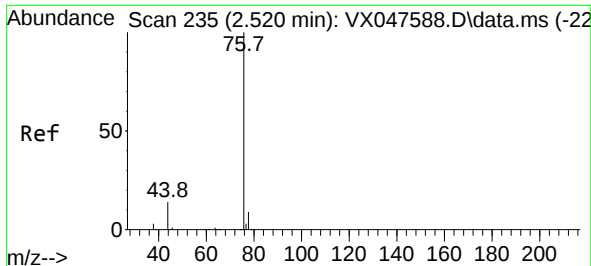
Tgt Ion: 53 Resp: 248774
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.5 29.5 44.3



#16
Acetone
Concen: 280.657 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 299583
Ion Ratio Lower Upper
43 100
58 27.9 23.4 35.0





#17

Carbon Disulfide

Concen: 65.341 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

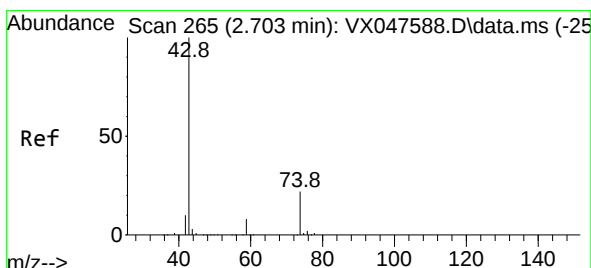
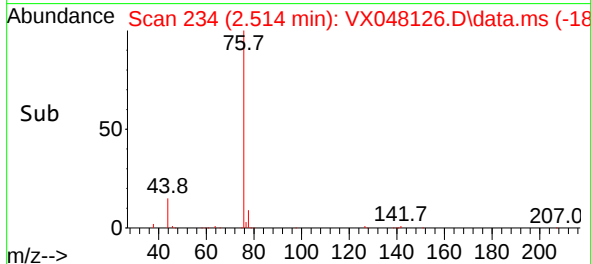
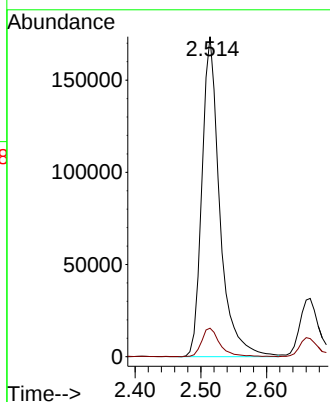
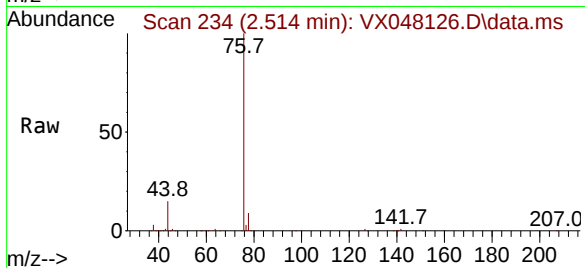
VSTDCCC050

Tgt Ion: 76 Resp: 327782

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 42.977 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX048126.D

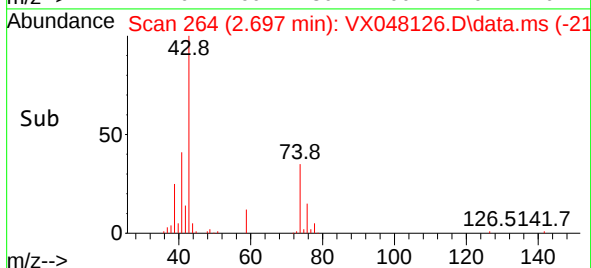
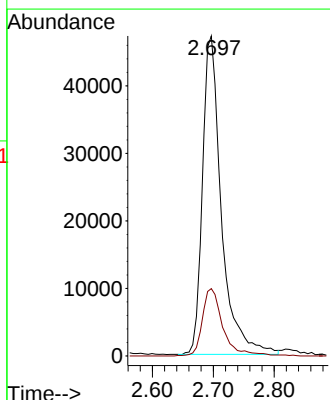
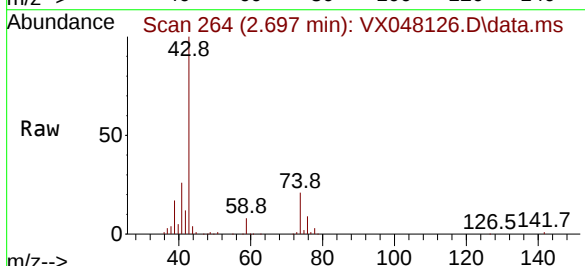
Acq: 13 Oct 2025 08:55

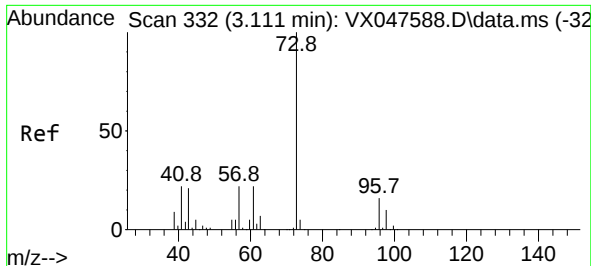
Tgt Ion: 43 Resp: 102094

Ion Ratio Lower Upper

43 100

74 22.8 17.4 26.2

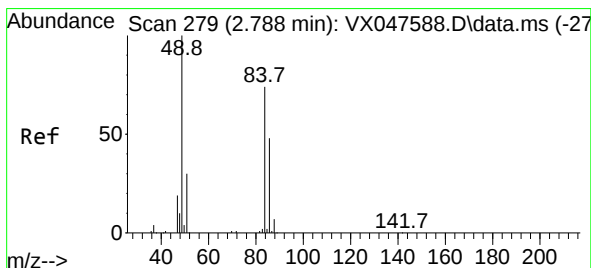
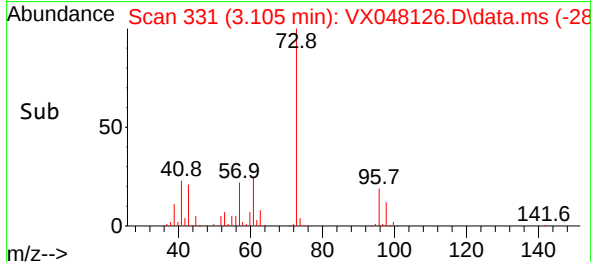
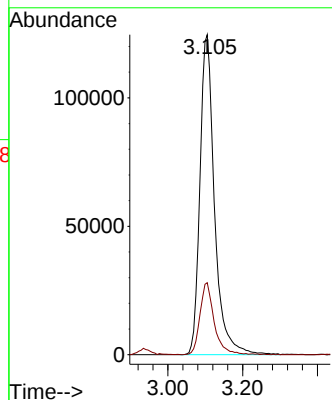
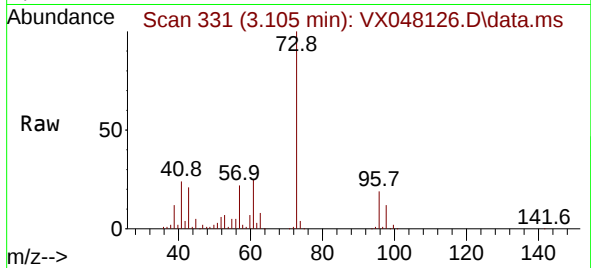




#19
Methyl tert-butyl Ether
Concen: 50.353 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

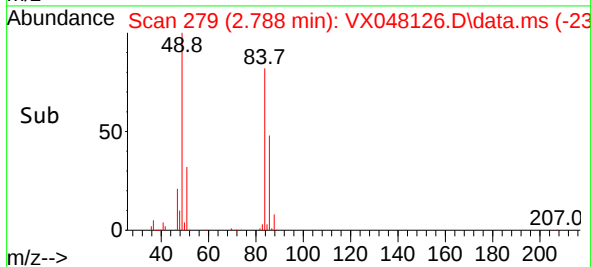
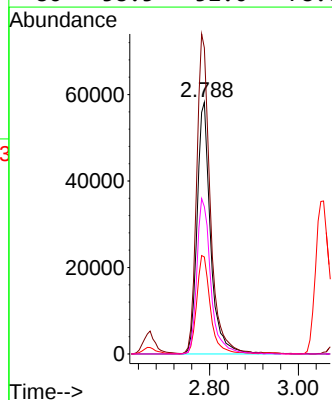
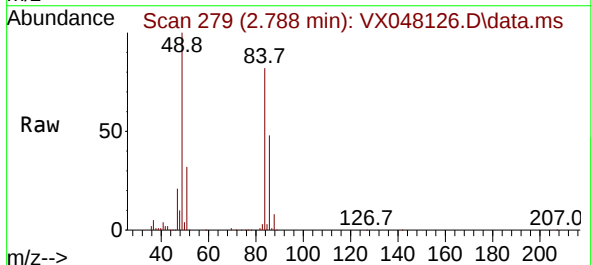
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

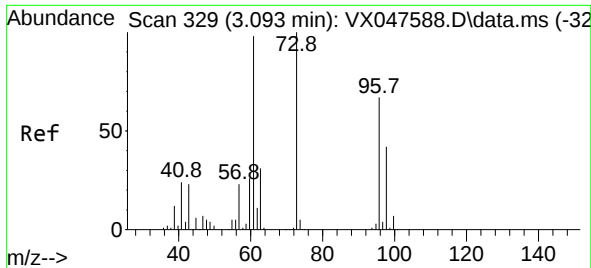
Tgt Ion: 73 Resp: 336820
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 54.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 84 Resp: 122220
Ion Ratio Lower Upper
84 100
49 121.4 108.6 162.8
51 38.5 32.6 48.8
86 58.5 52.0 78.0

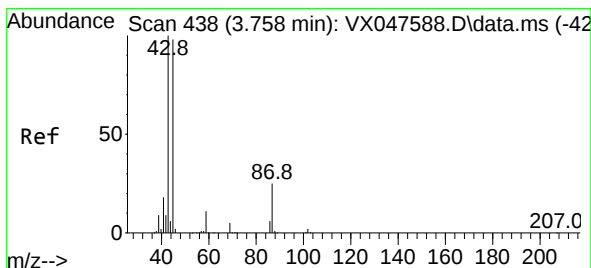
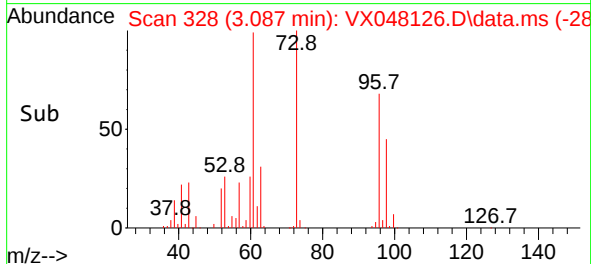
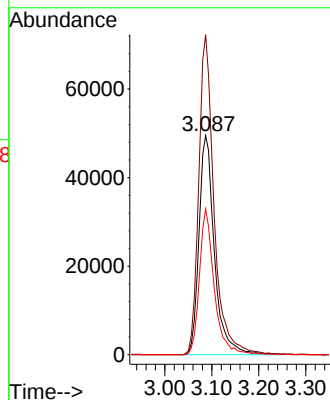
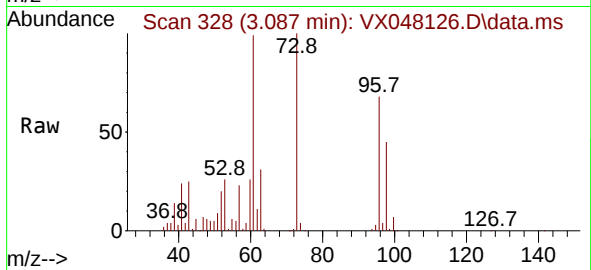




#21
trans-1,2-Dichloroethene
Concen: 57.586 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

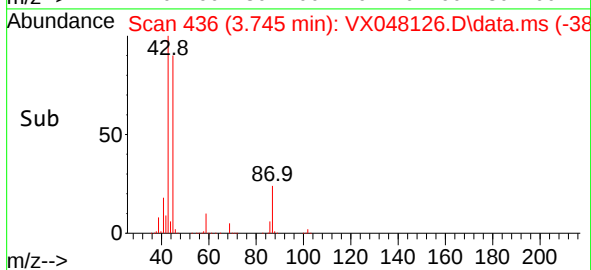
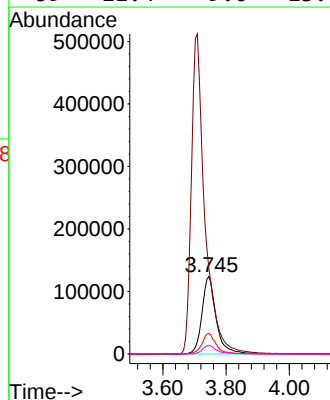
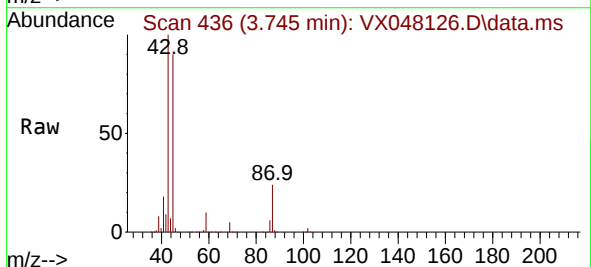
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

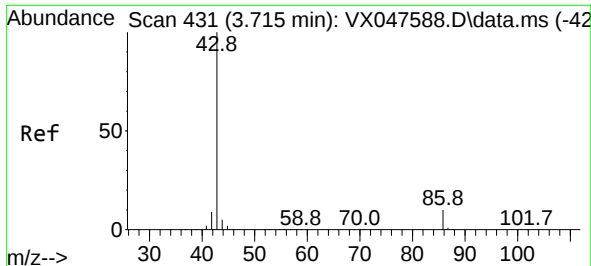
Tgt Ion: 96 Resp: 113608
Ion Ratio Lower Upper
96 100
61 146.1 116.2 174.2
98 68.5 49.3 73.9



#22
Diisopropyl ether
Concen: 52.853 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 45 Resp: 387319
Ion Ratio Lower Upper
45 100
43 110.3 81.0 121.4
87 26.6 20.3 30.5
59 11.4 9.0 13.4

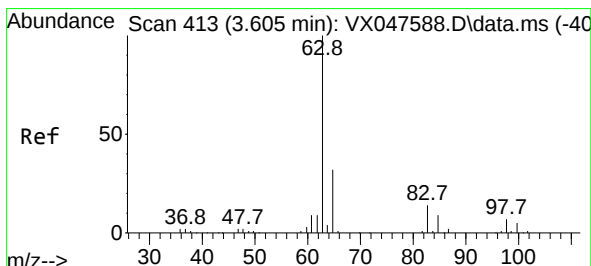
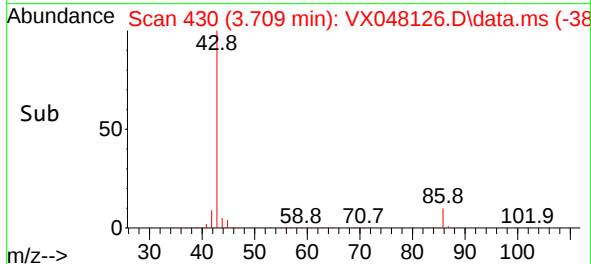
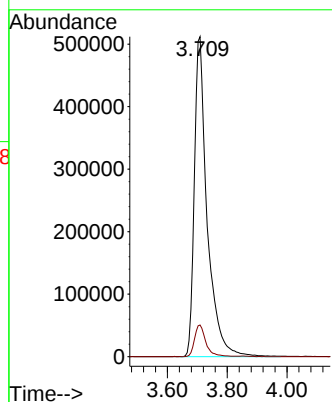
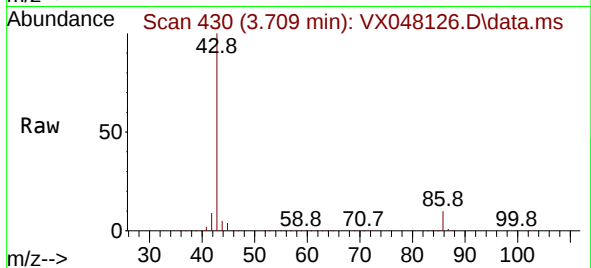




#23
 Vinyl Acetate
 Concen: 259.984 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

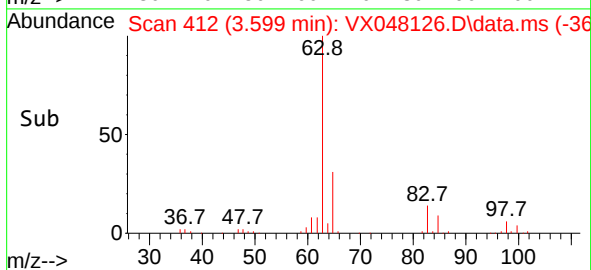
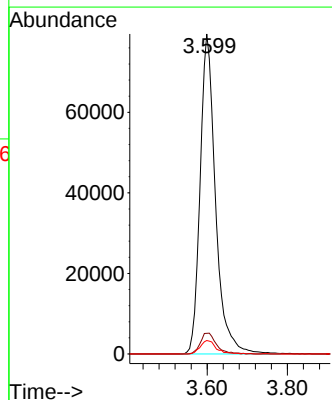
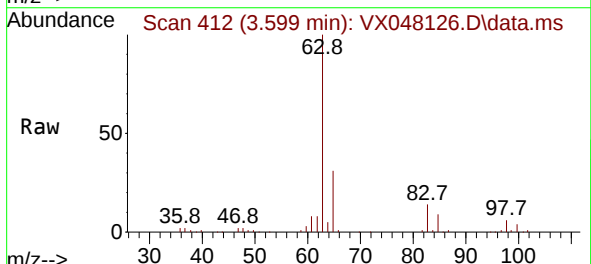
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

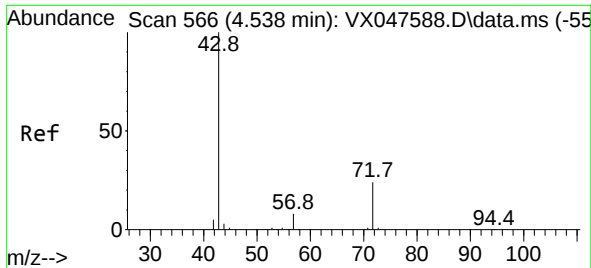
Tgt Ion: 43 Resp: 1524842
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.414 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

Tgt Ion: 63 Resp: 211944
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.2 2.3 6.9

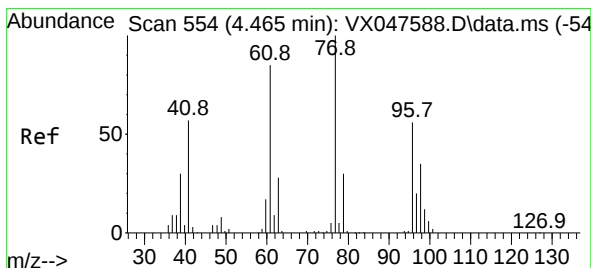
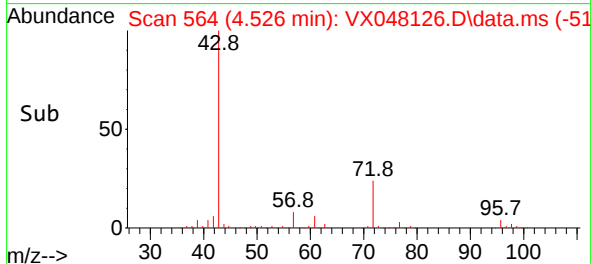
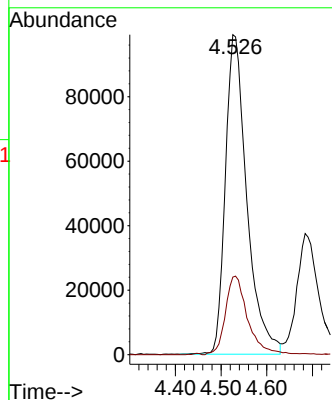
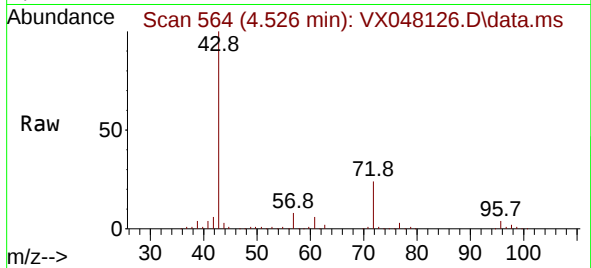




#25
2-Butanone
Concen: 243.044 ug/l
RT: 4.526 min Scan# 501
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

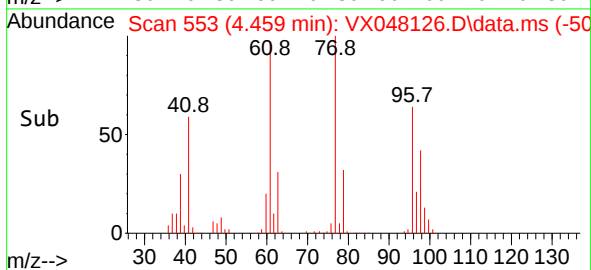
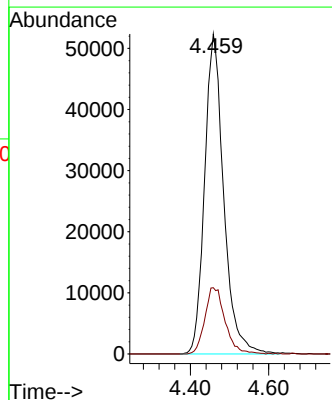
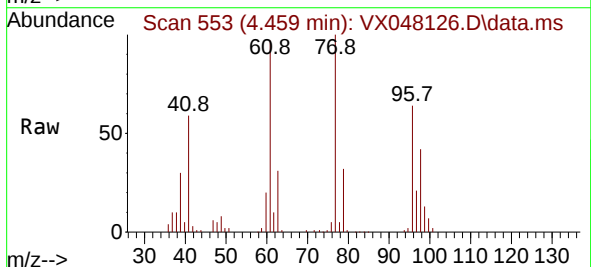
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

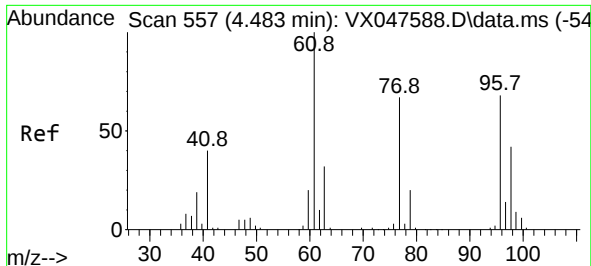
Tgt Ion: 43 Resp: 323611
Ion Ratio Lower Upper
43 100
72 24.4 20.1 30.1



#26
2,2-Dichloropropane
Concen: 54.594 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 77 Resp: 176762
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.263 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

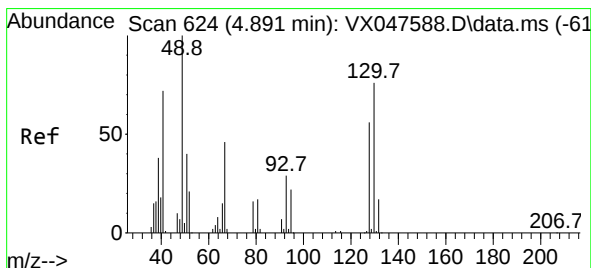
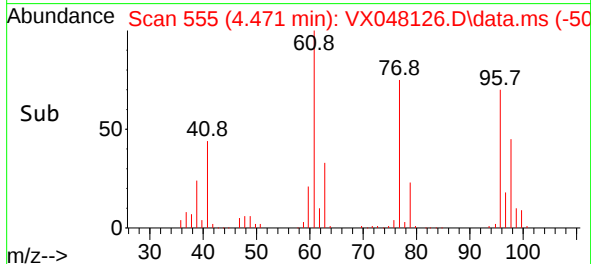
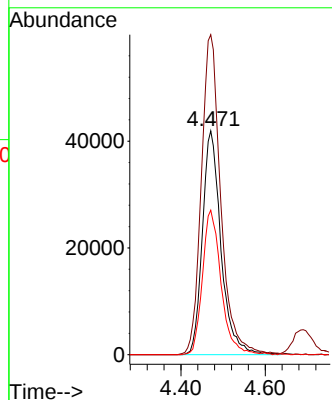
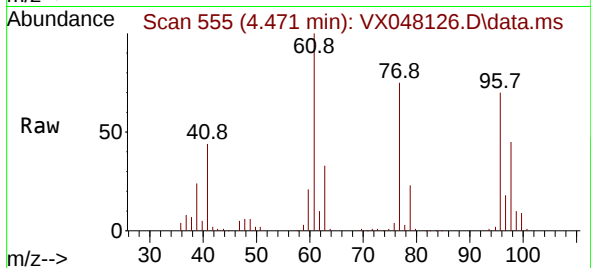
Tgt Ion: 96 Resp: 128687

Ion Ratio Lower Upper

96 100

61 150.0 0.0 303.2

98 64.5 0.0 127.8



#28

Bromochloromethane

Concen: 49.106 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

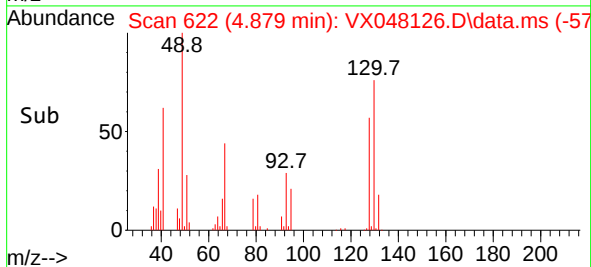
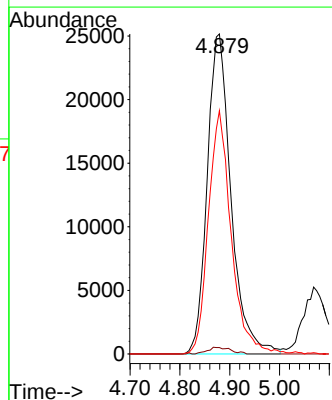
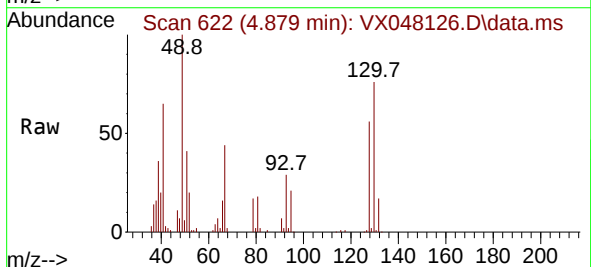
Tgt Ion: 49 Resp: 83502

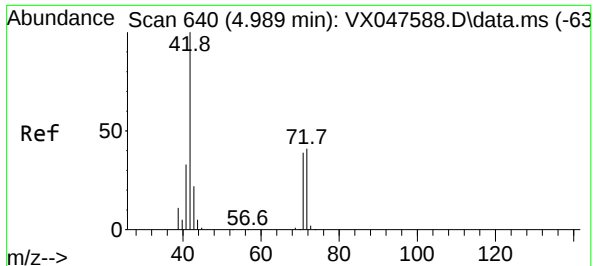
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.2

130 72.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 219.136 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

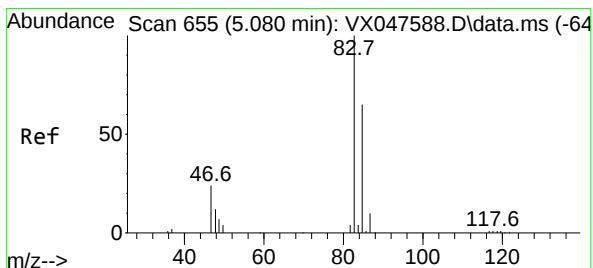
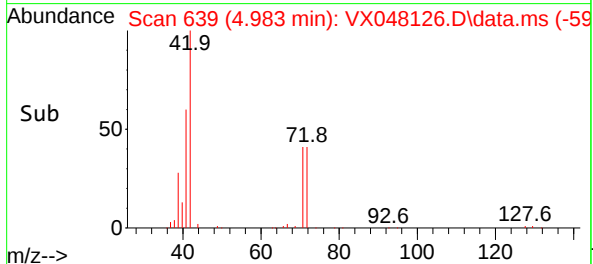
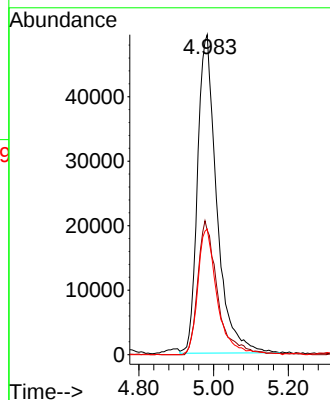
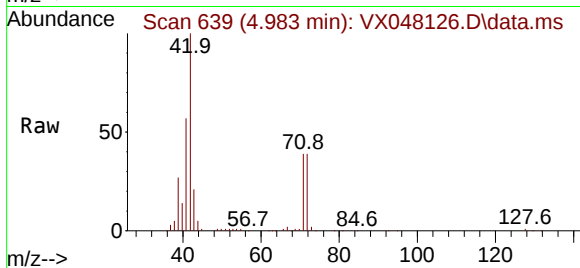
Tgt Ion: 42 Resp: 175527

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.2

71 40.3 31.9 47.9



#30

Chloroform

Concen: 53.388 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.012 min

Lab File: VX048126.D

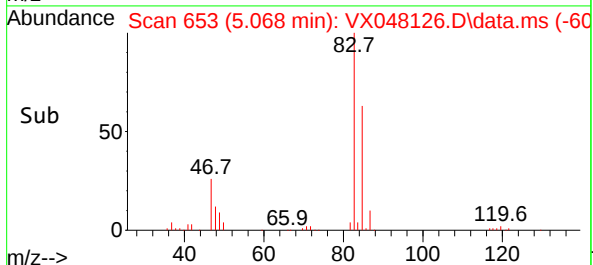
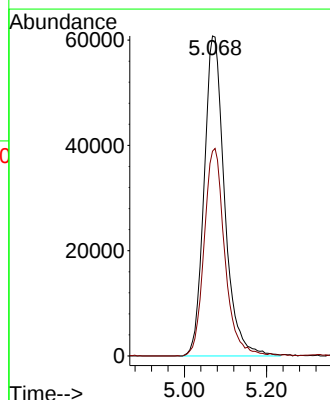
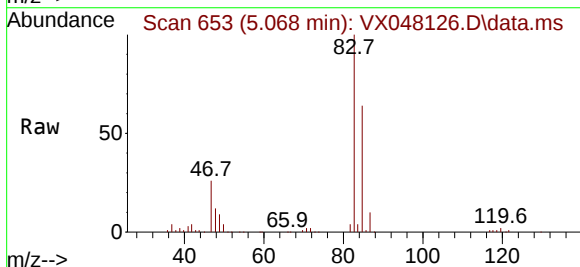
Acq: 13 Oct 2025 08:55

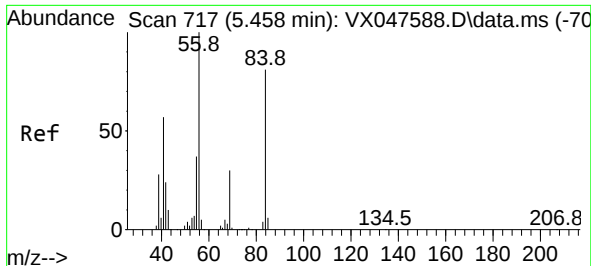
Tgt Ion: 83 Resp: 210135

Ion Ratio Lower Upper

83 100

85 61.4 51.8 77.6

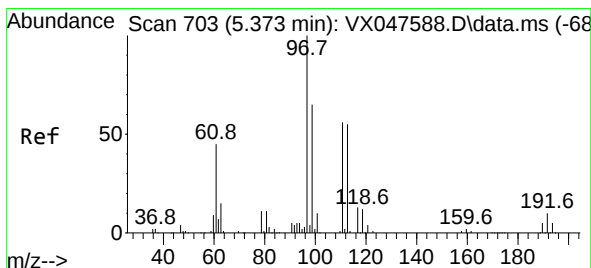
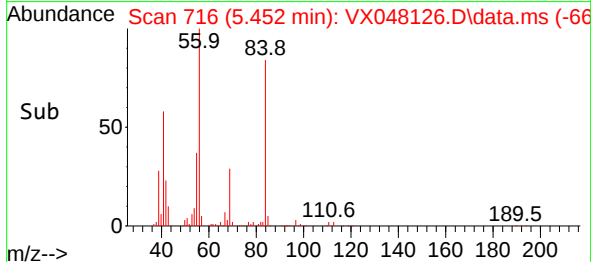
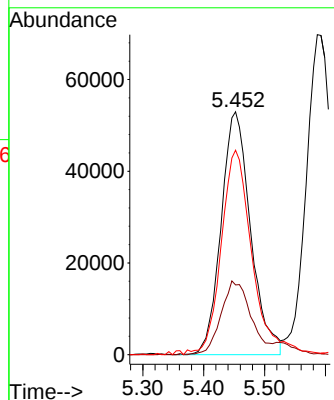
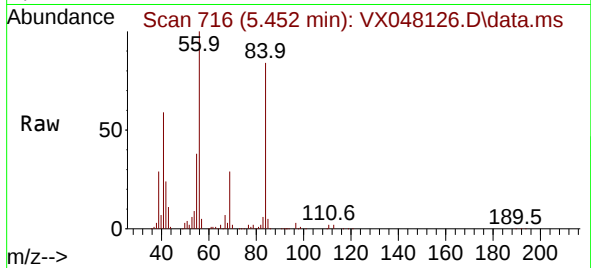




#31
Cyclohexane
Concen: 54.883 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

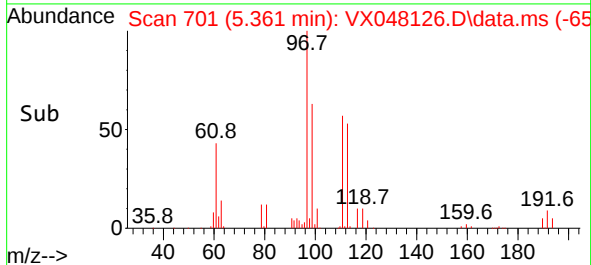
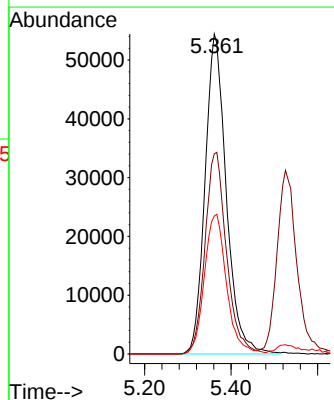
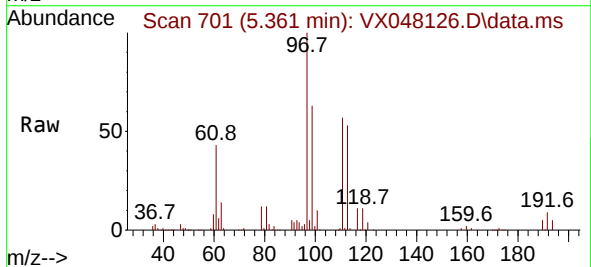
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

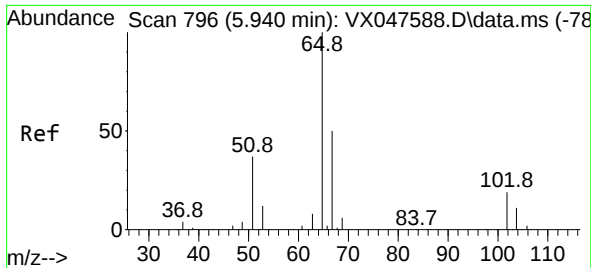
Tgt Ion: 56 Resp: 178045
Ion Ratio Lower Upper
56 100
69 28.2 23.8 35.8
84 82.6 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 55.516 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 97 Resp: 185345
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 45.5 35.8 53.8

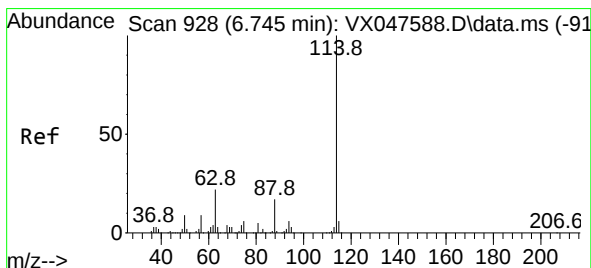
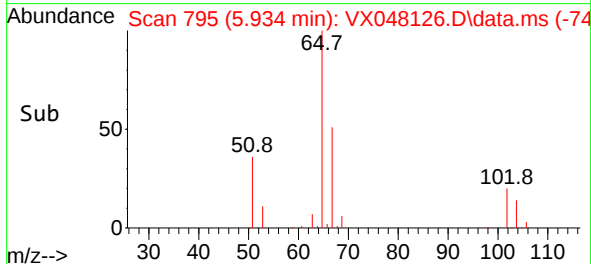
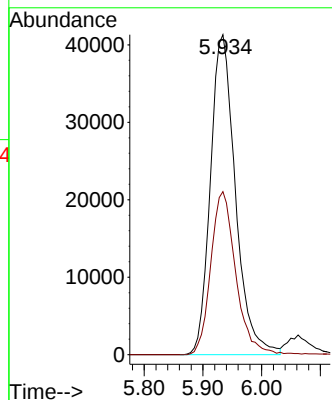
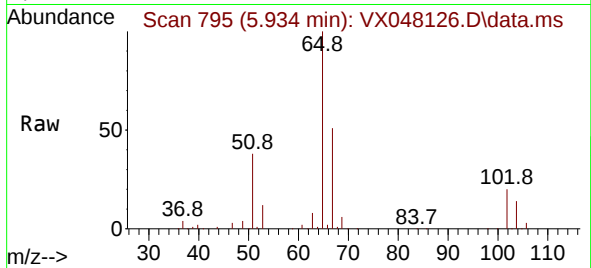




#33
 1,2-Dichloroethane-d4
 Concen: 49.784 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

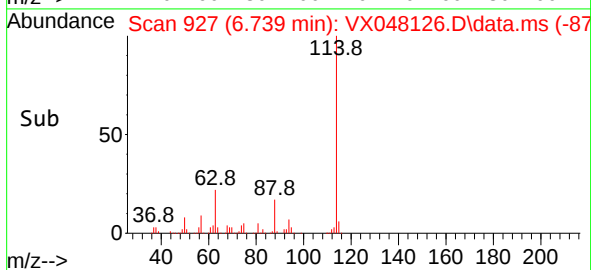
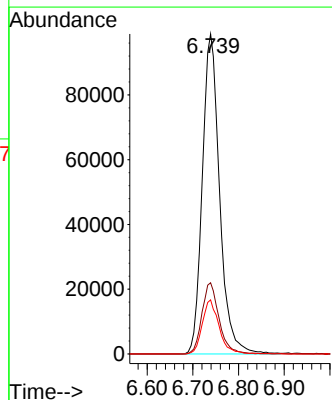
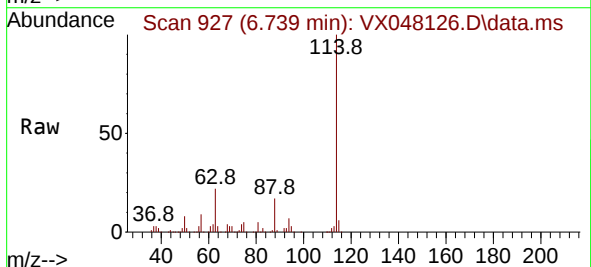
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

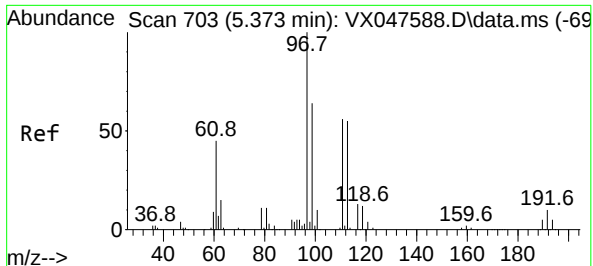
Tgt Ion: 65 Resp: 122218
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

Tgt Ion: 114 Resp: 259451
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.0
 88 16.9 0.0 34.2

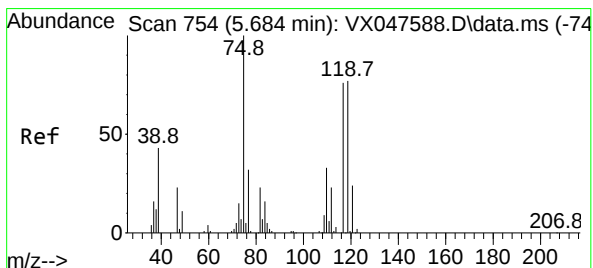
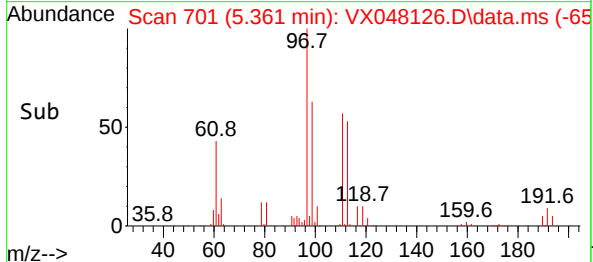
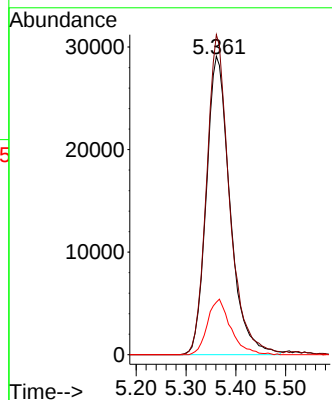
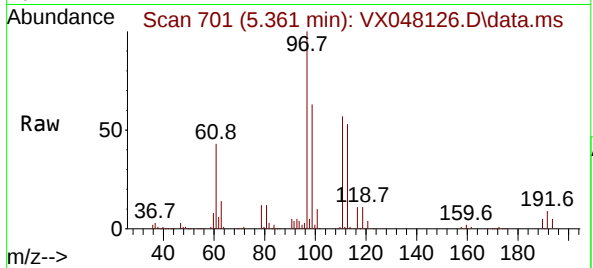




#35
Dibromofluoromethane
Concen: 55.205 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

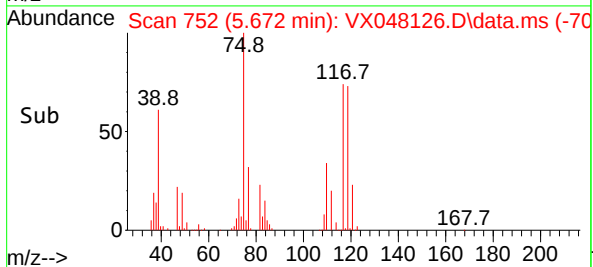
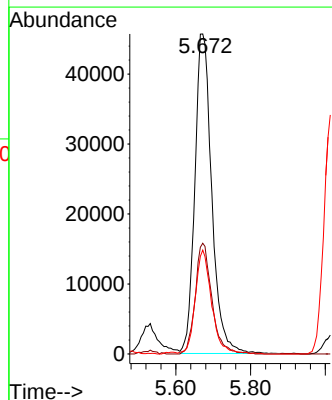
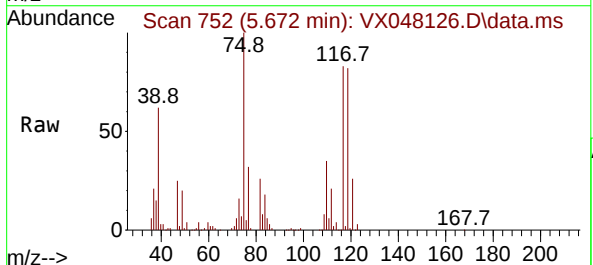
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

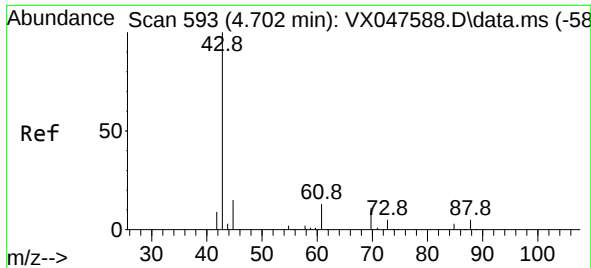
Tgt Ion:113 Resp: 96057
Ion Ratio Lower Upper
113 100
111 104.1 80.9 121.3
192 18.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 56.468 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 143574
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.1
77 30.9 24.3 36.5

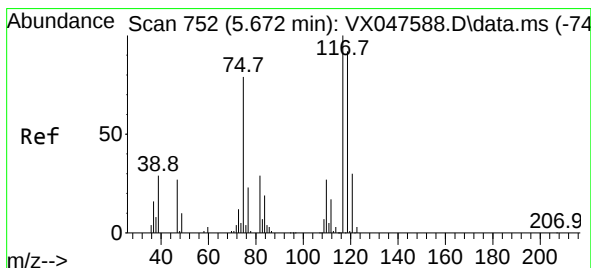
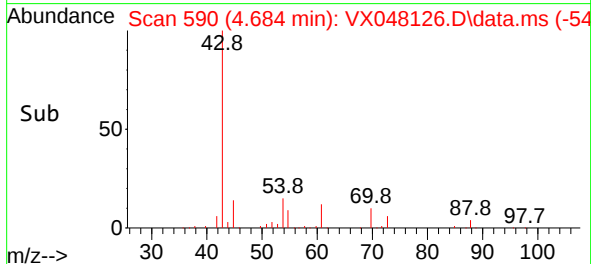
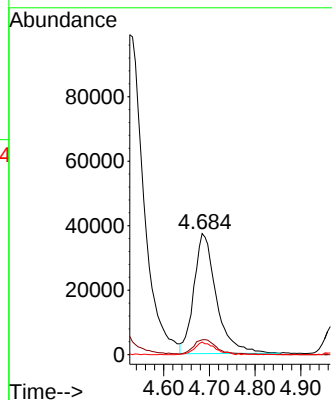
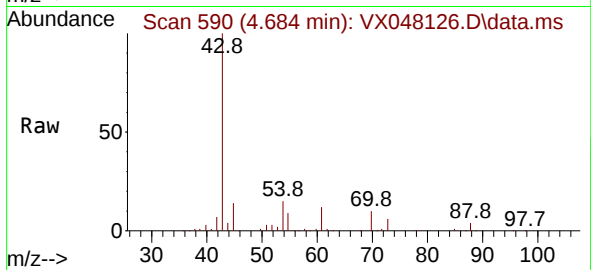




#37
Ethyl Acetate
Concen: 46.586 ug/l
RT: 4.684 min Scan# 593
Delta R.T. -0.018 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

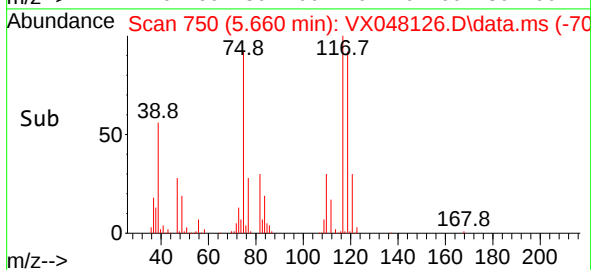
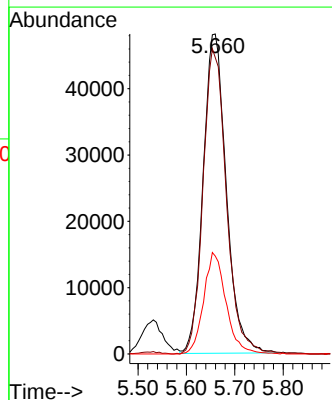
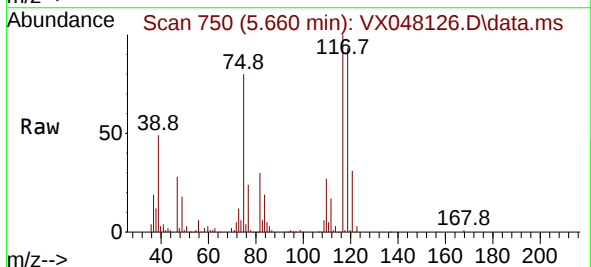
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

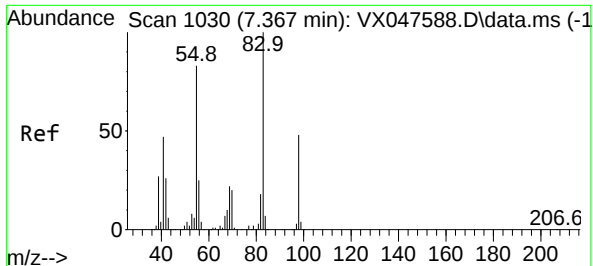
Tgt Ion: 43 Resp: 126824
Ion Ratio Lower Upper
43 100
61 11.9 9.8 14.8
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 58.100 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 117 Resp: 160504
Ion Ratio Lower Upper
117 100
119 93.0 73.4 110.2
121 30.7 23.8 35.6





#39

Methylcyclohexane

Concen: 59.013 ug/l

RT: 7.361 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

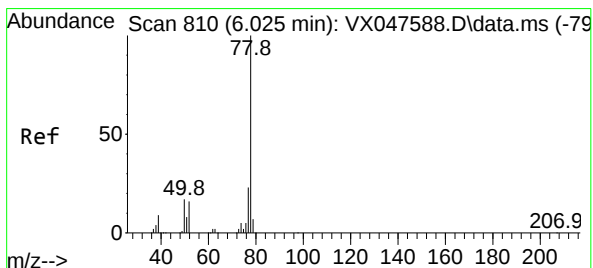
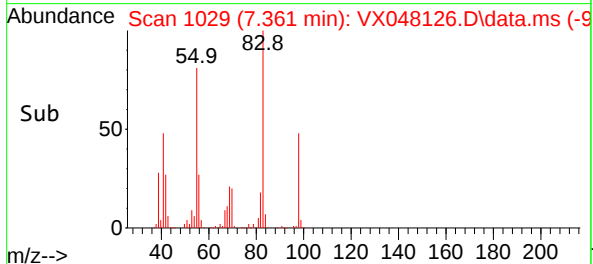
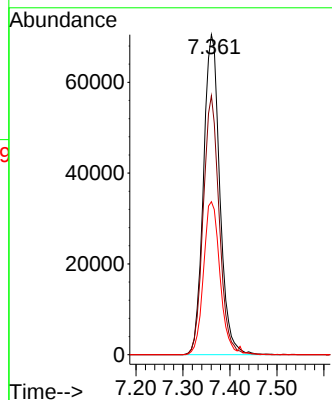
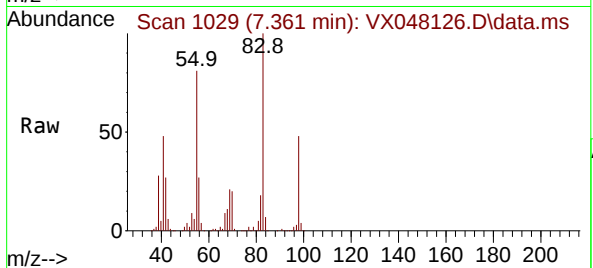
Tgt Ion: 83 Resp: 170322

Ion Ratio Lower Upper

83 100

55 80.9 66.4 99.6

98 47.8 38.1 57.1



#40

Benzene

Concen: 55.778 ug/l

RT: 6.013 min Scan# 808

Delta R.T. -0.012 min

Lab File: VX048126.D

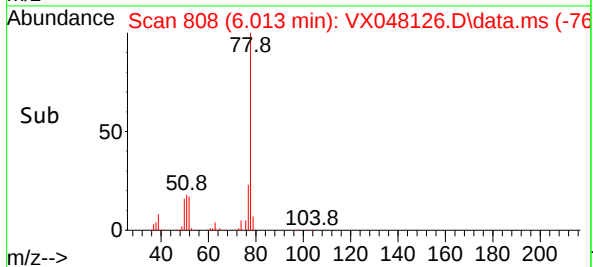
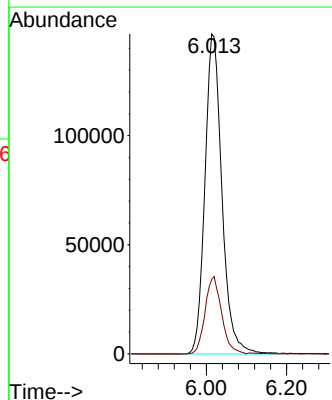
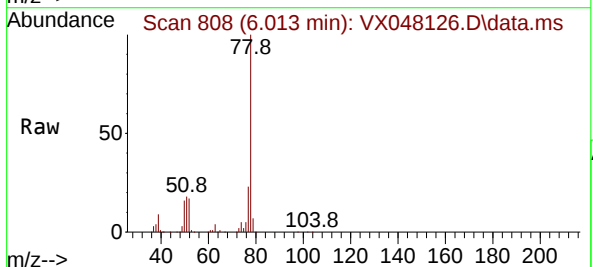
Acq: 13 Oct 2025 08:55

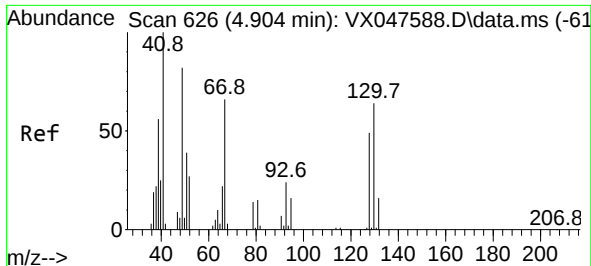
Tgt Ion: 78 Resp: 430744

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

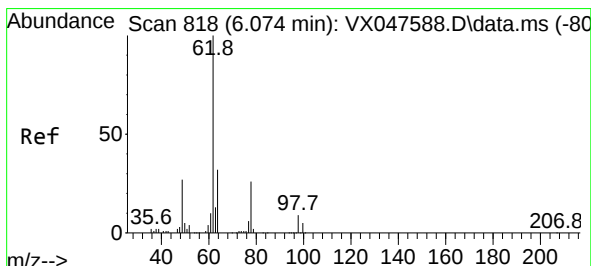
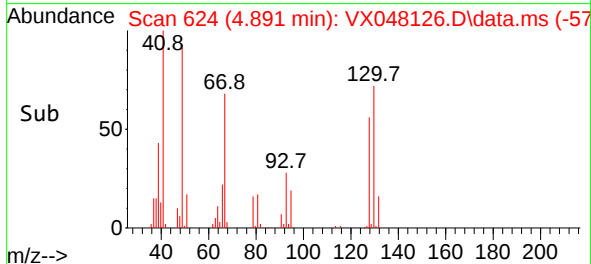
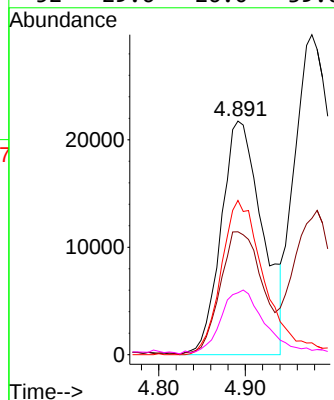
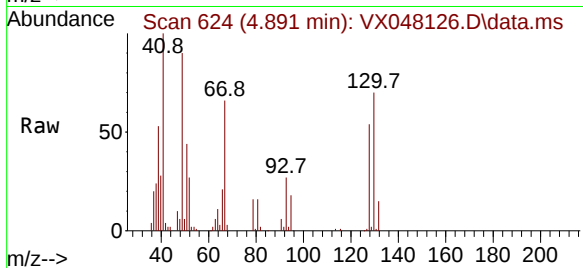




#41
Methacrylonitrile
Concen: 51.306 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

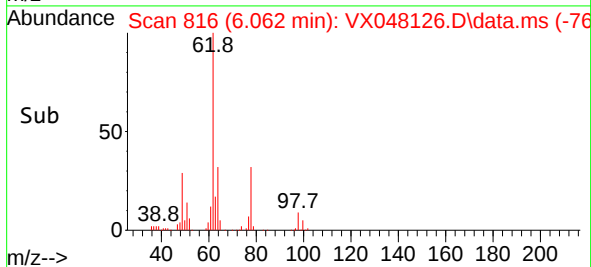
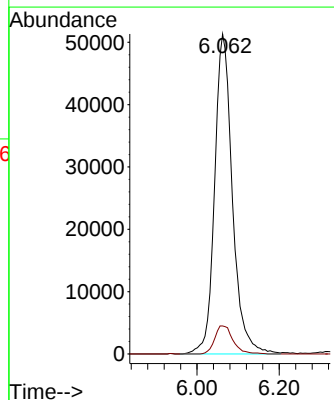
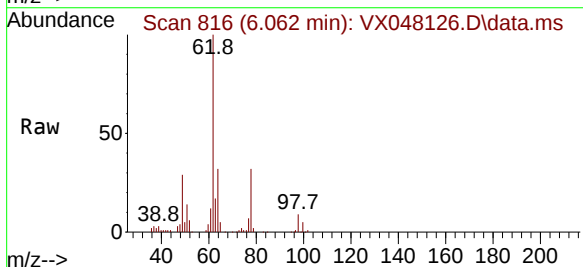
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

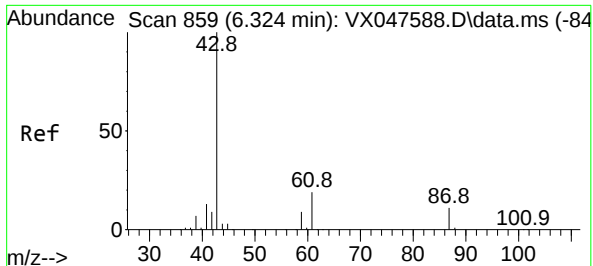
Tgt Ion:	41	Resp:	72107
Ion	Ratio	Lower	Upper
41	100		
39	52.3	43.3	64.9
67	70.0	58.6	87.8
52	29.6	26.0	39.0



#42
1,2-Dichloroethane
Concen: 52.496 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:	62	Resp:	154248
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0

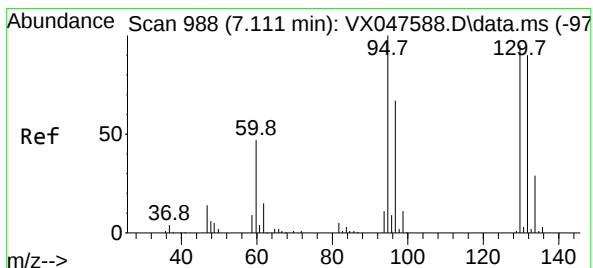
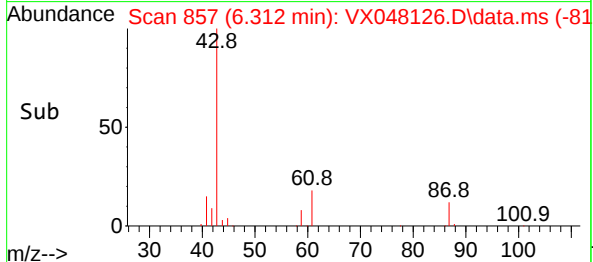
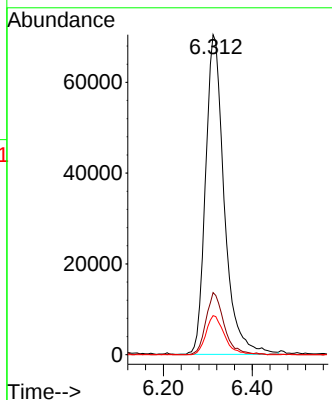
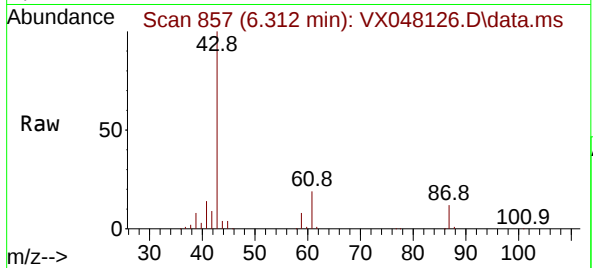




#43
Isopropyl Acetate
Concen: 46.211 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

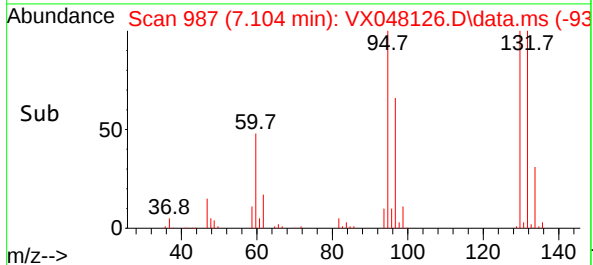
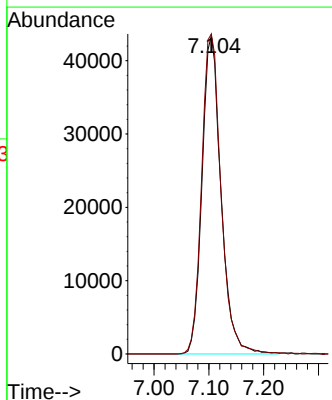
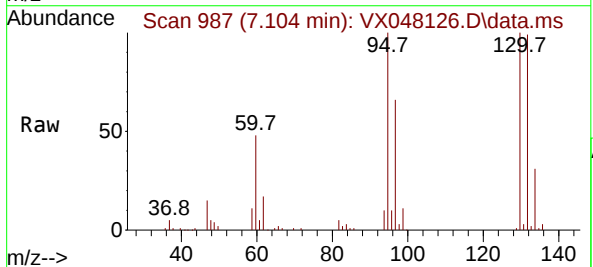
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

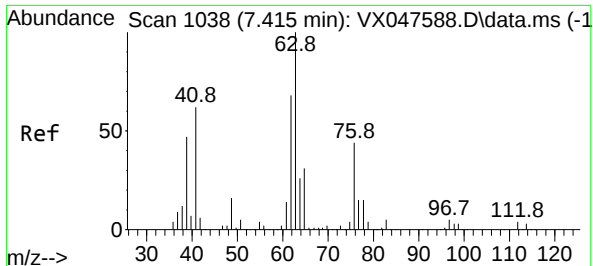
Tgt Ion: 43 Resp: 206326
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 55.775 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:130 Resp: 104133
Ion Ratio Lower Upper
130 100
95 100.4 0.0 210.8





#45

1,2-Dichloropropane

Concen: 53.550 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

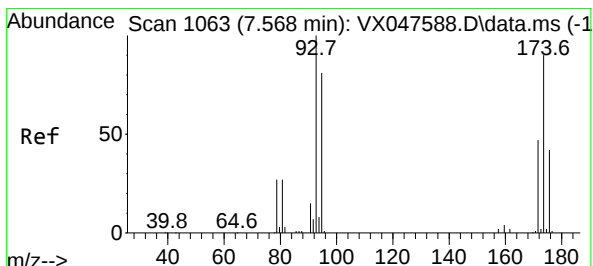
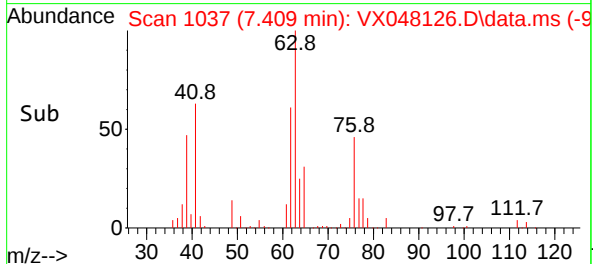
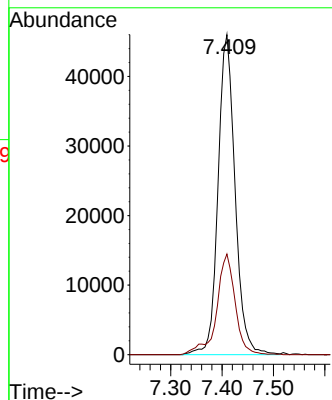
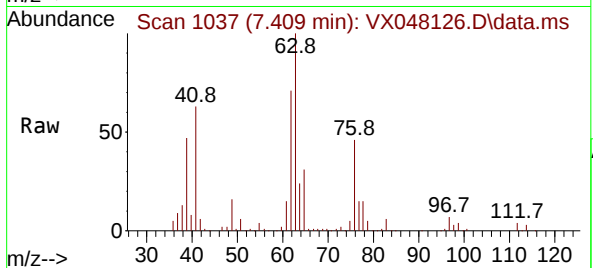
VSTDCCC050

Tgt Ion: 63 Resp: 105891

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 53.485 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

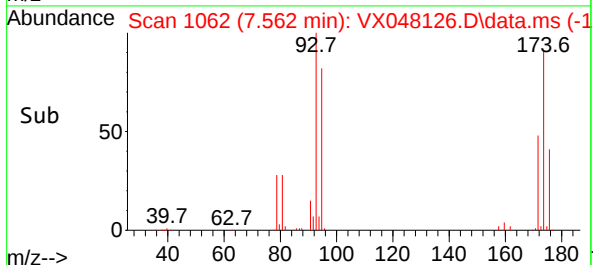
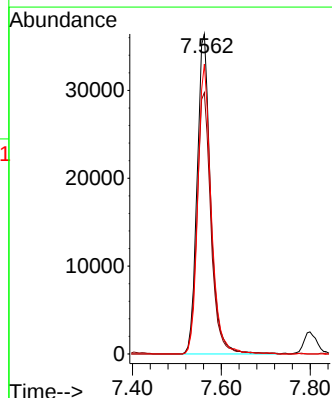
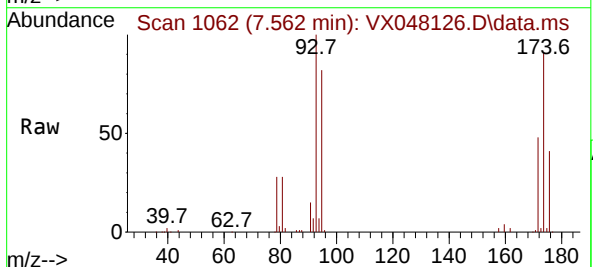
Tgt Ion: 93 Resp: 76964

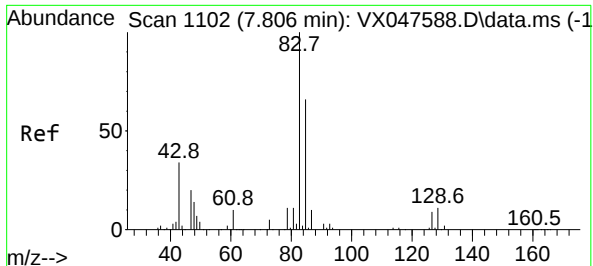
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.6

174 90.4 71.6 107.4

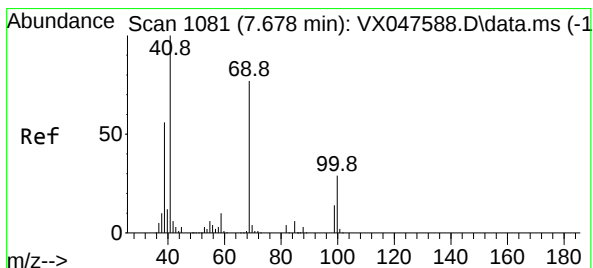
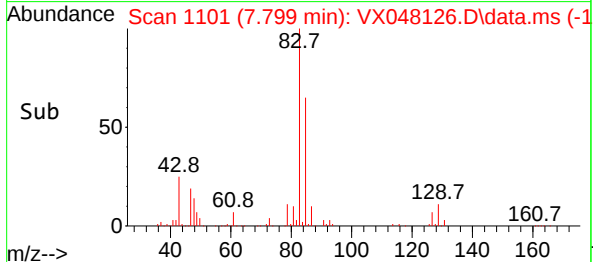
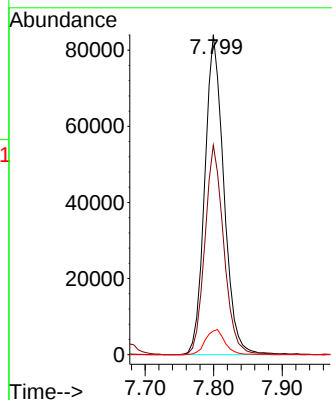
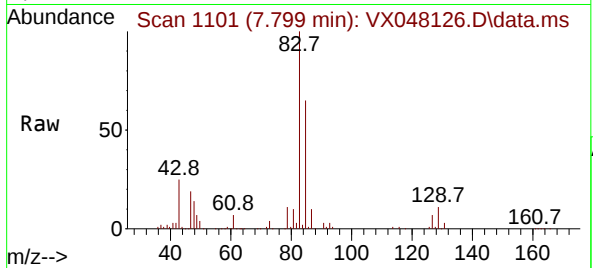




#47
Bromodichloromethane
Concen: 54.741 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

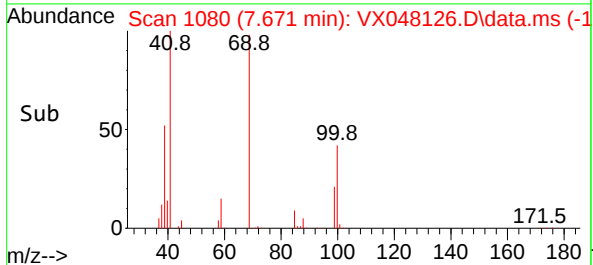
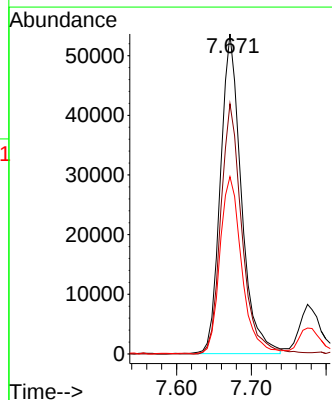
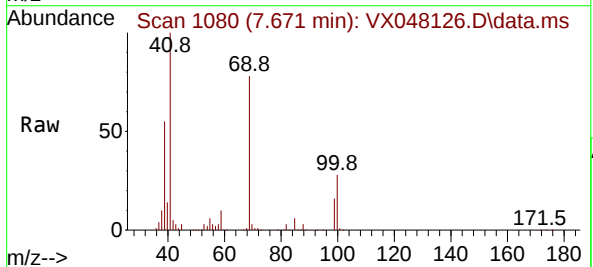
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

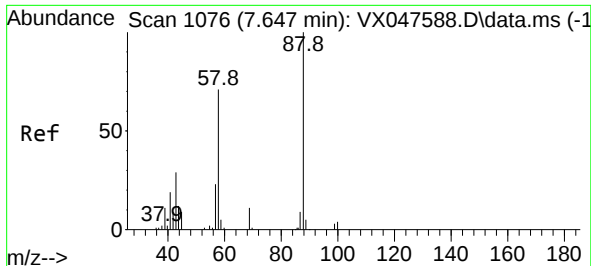
Tgt Ion: 83 Resp: 162548
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7
127 7.4 6.9 10.3



#48
Methyl methacrylate
Concen: 46.937 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 41 Resp: 104388
Ion Ratio Lower Upper
41 100
69 79.2 61.4 92.2
39 57.9 45.8 68.6

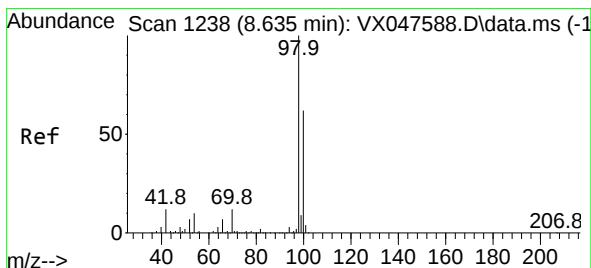
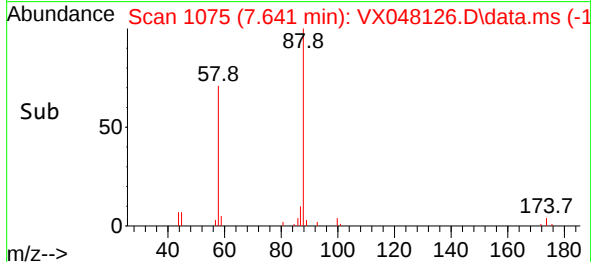
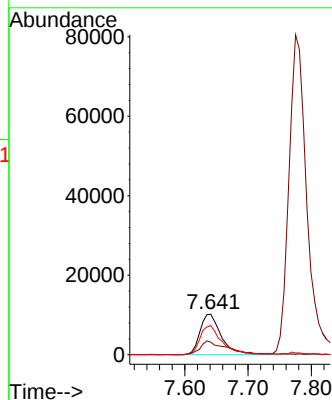
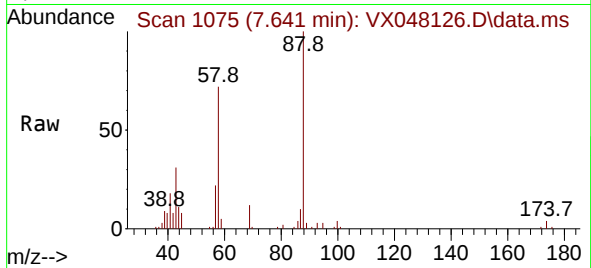




#49
1,4-Dioxane
Concen: 1072.749 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

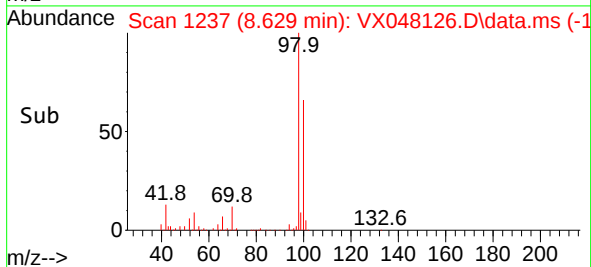
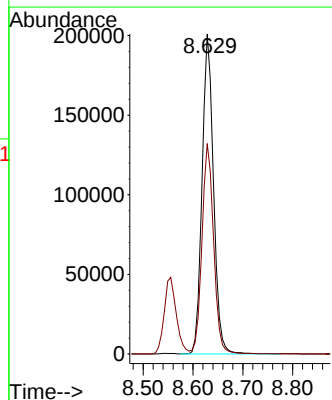
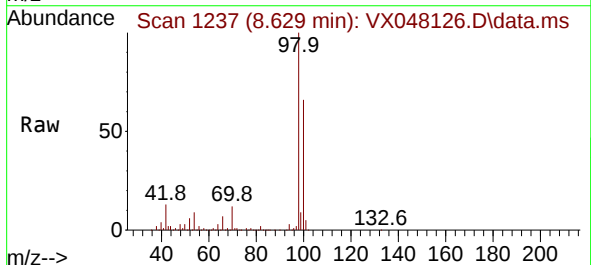
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

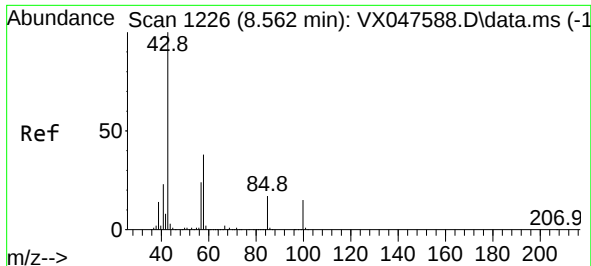
Tgt Ion: 88 Resp: 24111
Ion Ratio Lower Upper
88 100
43 41.0 30.2 45.2
58 72.0 59.5 89.3



#50
Toluene-d8
Concen: 53.153 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 98 Resp: 320023
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 230.231 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

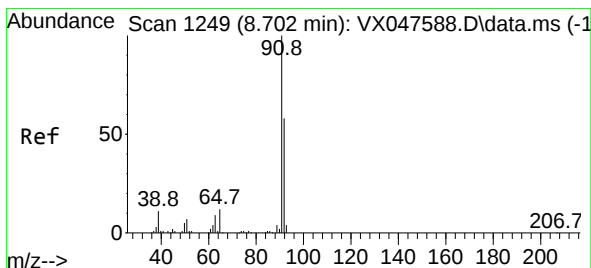
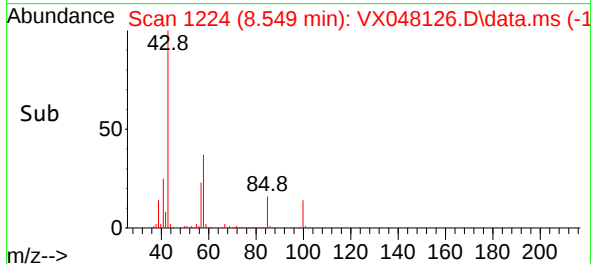
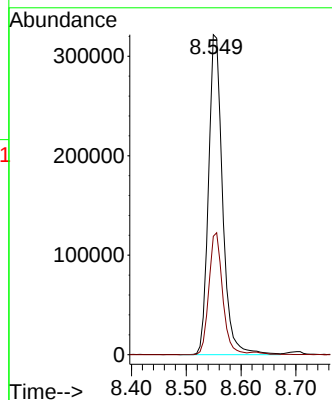
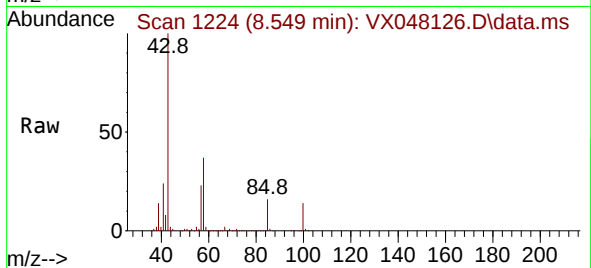
VSTDCCC050

Tgt Ion: 43 Resp: 569942

Ion Ratio Lower Upper

43 100

58 37.3 30.3 45.5



#52

Toluene

Concen: 54.605 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. -0.006 min

Lab File: VX048126.D

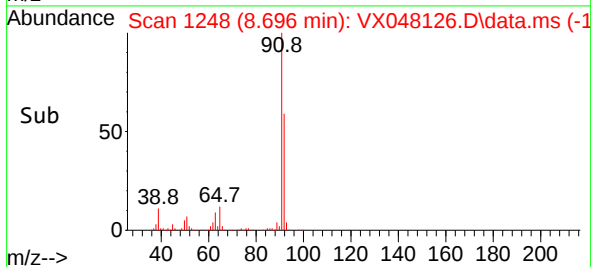
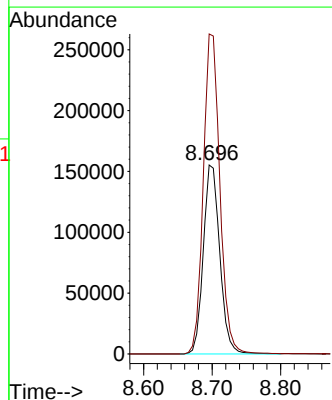
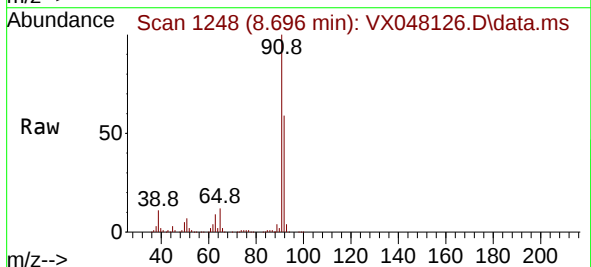
Acq: 13 Oct 2025 08:55

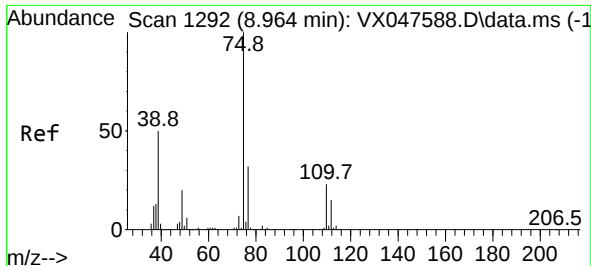
Tgt Ion: 92 Resp: 259802

Ion Ratio Lower Upper

92 100

91 170.8 137.1 205.7

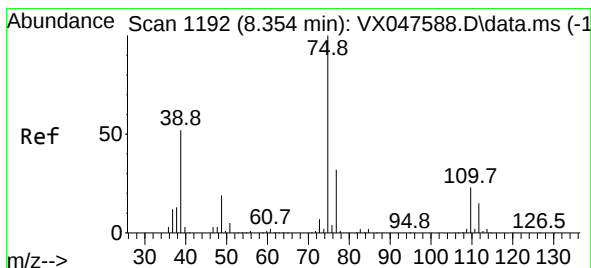
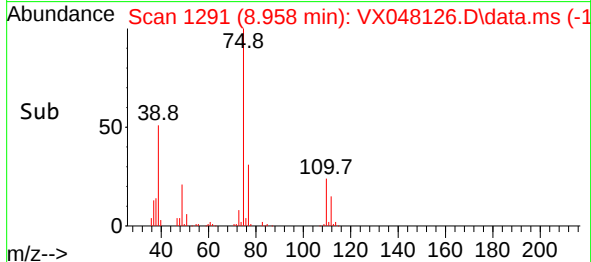
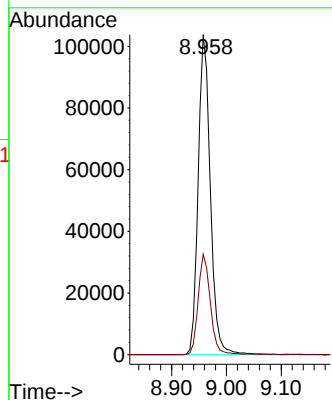
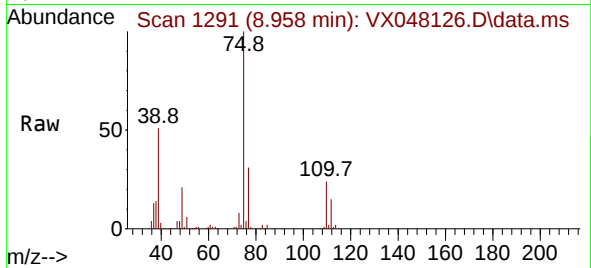




#53
t-1,3-Dichloropropene
Concen: 53.099 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

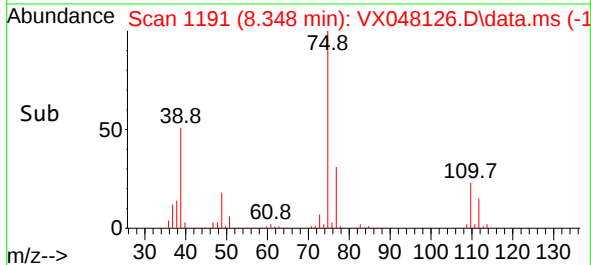
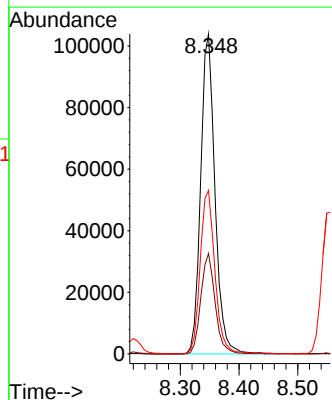
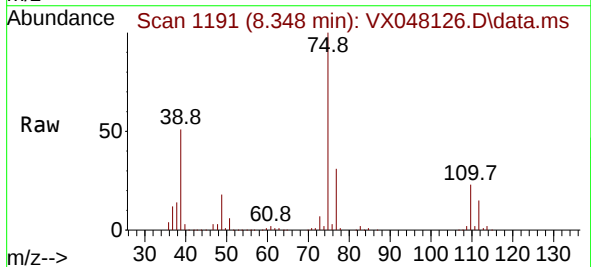
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

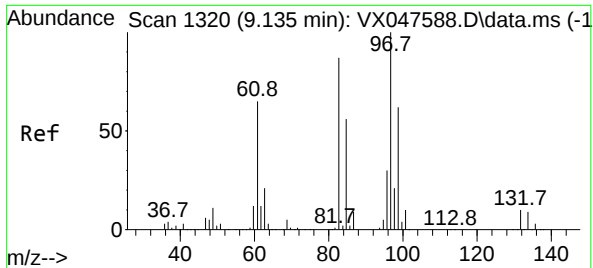
Tgt Ion: 75 Resp: 160828
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.388 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 176072
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
39 50.5 41.4 62.2

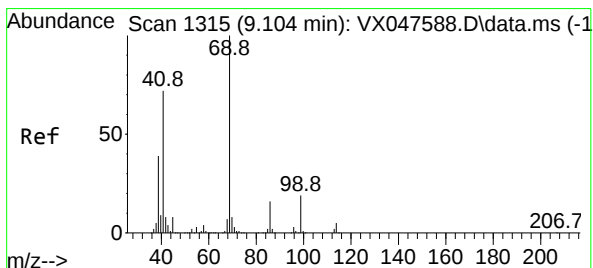
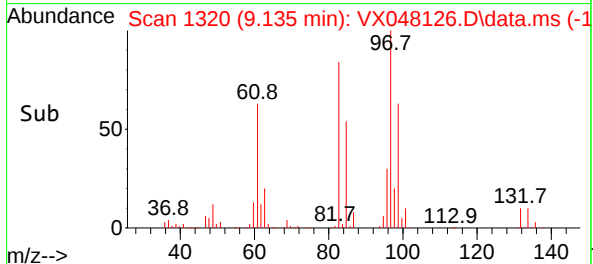
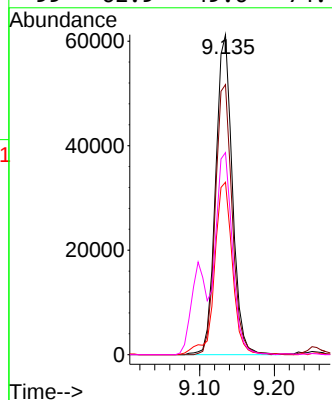
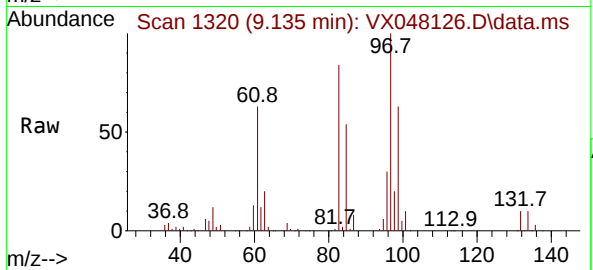




#55
1,1,2-Trichloroethane
Concen: 51.931 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

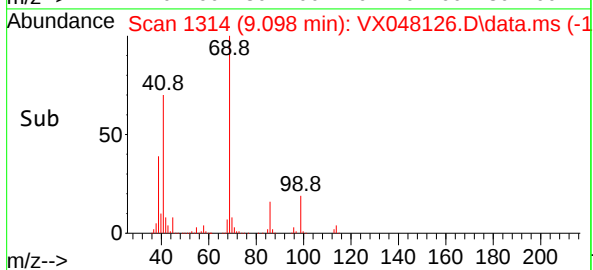
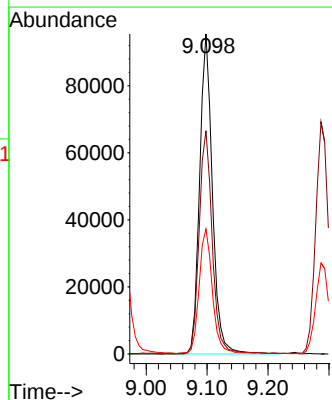
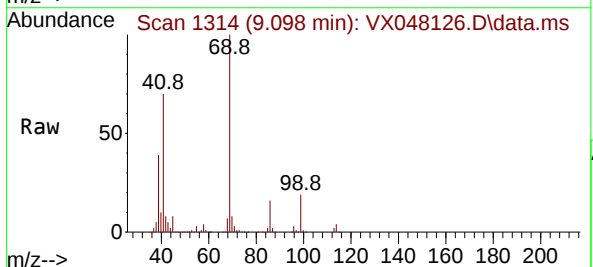
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

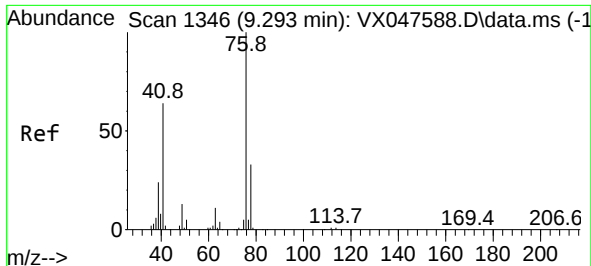
Tgt Ion:	97	Resp:	95272
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.6	104.4
85	53.8	45.0	67.6
99	62.9	49.6	74.4



#56
Ethyl methacrylate
Concen: 48.333 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:	69	Resp:	139255
Ion	Ratio	Lower	Upper
69	100		
41	71.0	58.6	87.8
39	40.4	31.5	47.3





#57

1,3-Dichloropropane

Concen: 52.630 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

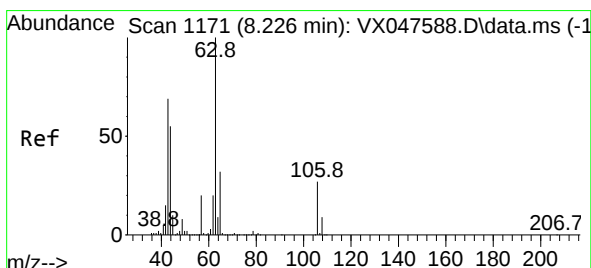
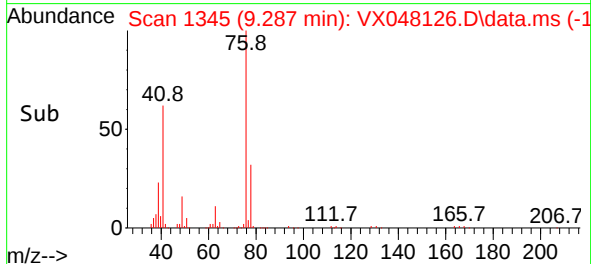
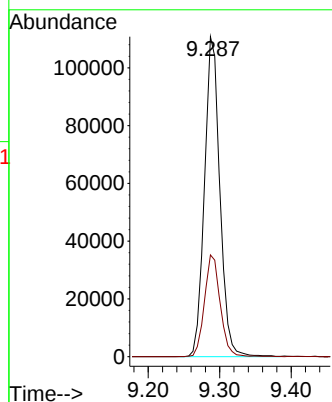
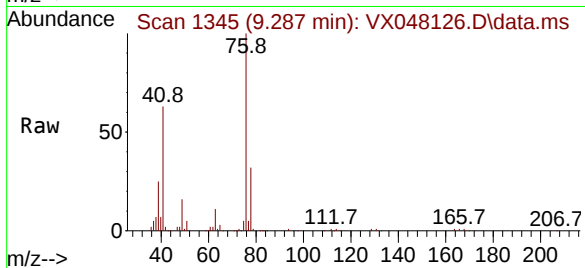
VSTDCCC050

Tgt Ion: 76 Resp: 165863

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 244.822 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048126.D

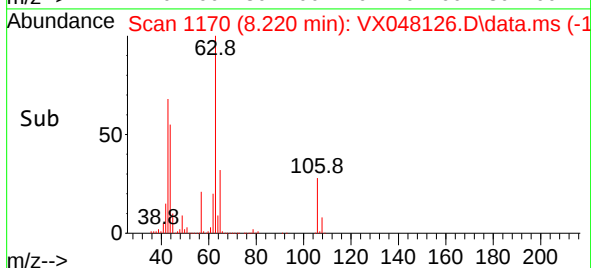
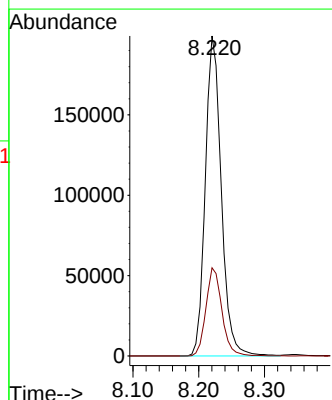
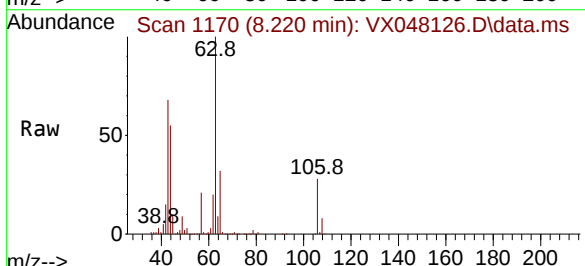
Acq: 13 Oct 2025 08:55

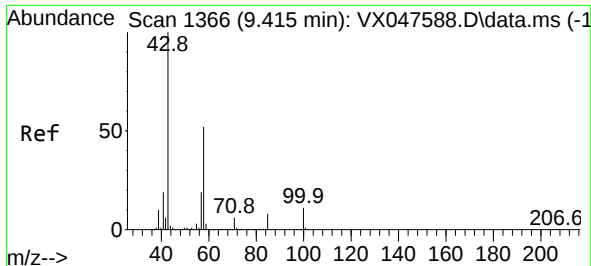
Tgt Ion: 63 Resp: 336481

Ion Ratio Lower Upper

63 100

106 27.6 21.9 32.9

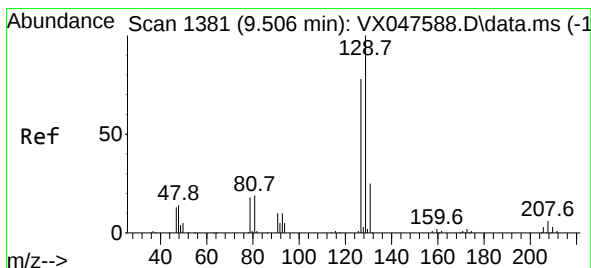
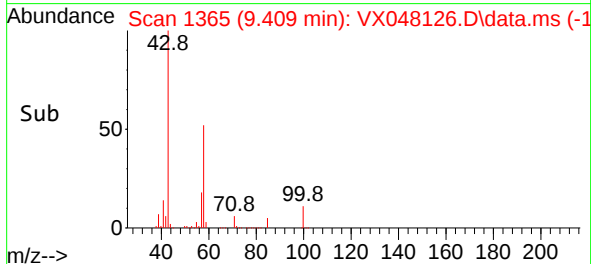
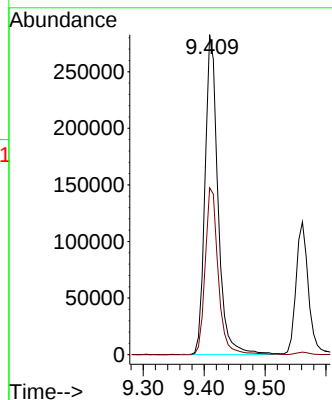
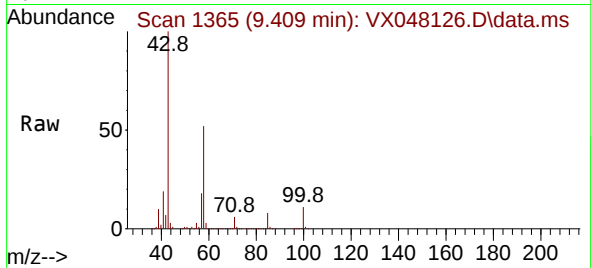




#59
2-Hexanone
Concen: 236.180 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

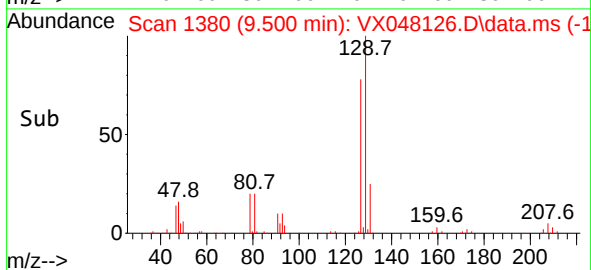
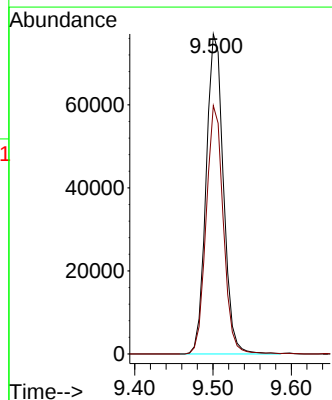
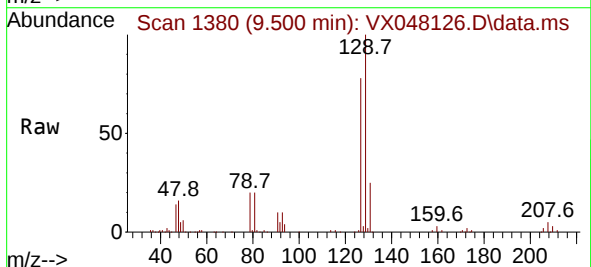
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

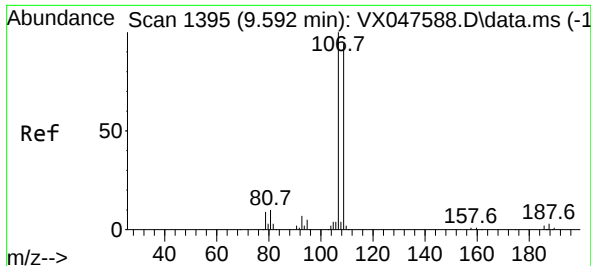
Tgt Ion: 43 Resp: 419911
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.2



#60
Dibromochloromethane
Concen: 55.685 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:129 Resp: 117709
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2

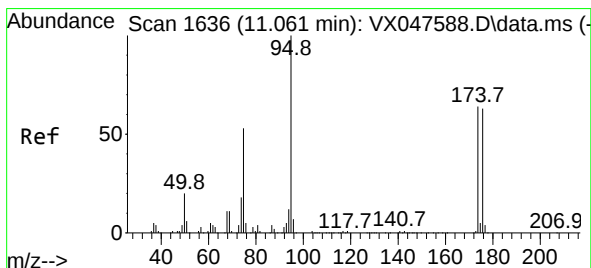
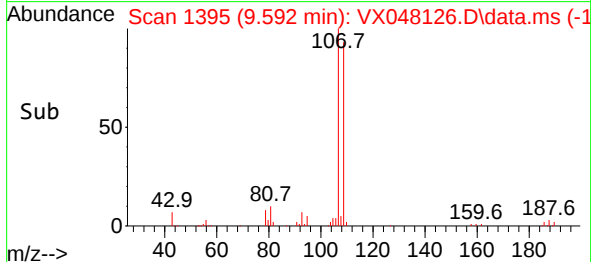
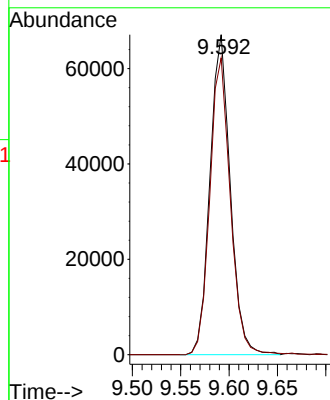
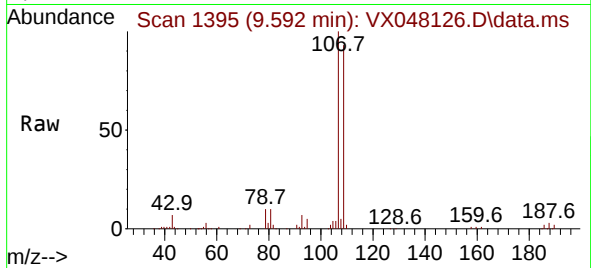




#61
1,2-Dibromoethane
Concen: 52.384 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

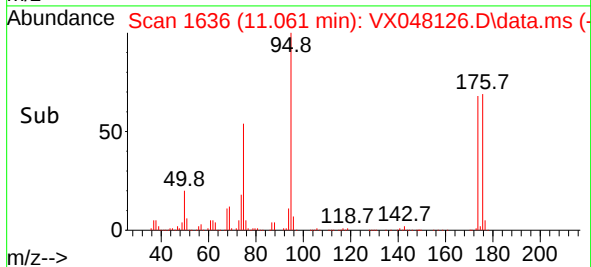
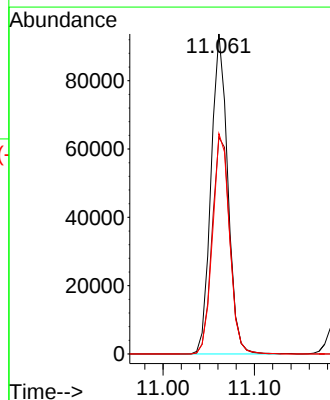
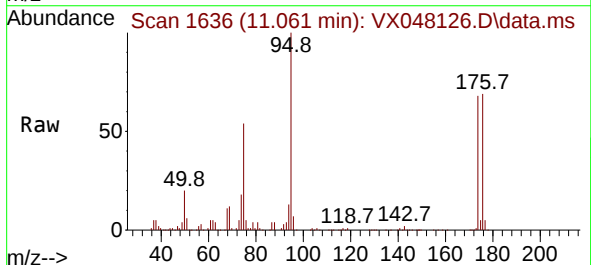
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

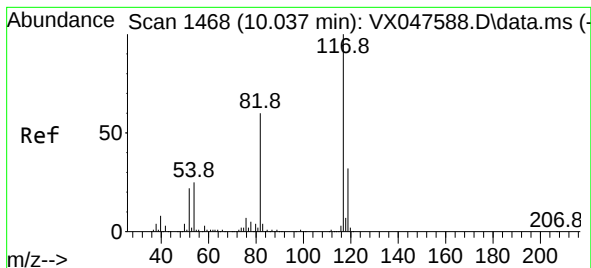
Tgt Ion:107 Resp: 97885
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.831 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 95 Resp: 118434
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 70.2 0.0 138.4

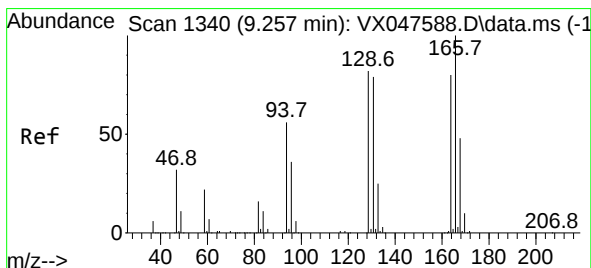
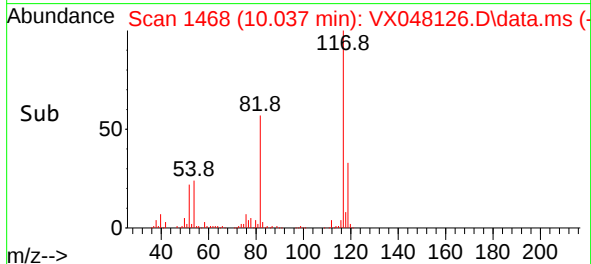
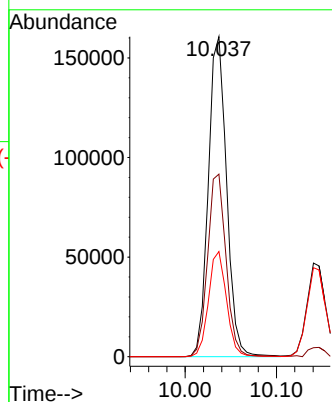
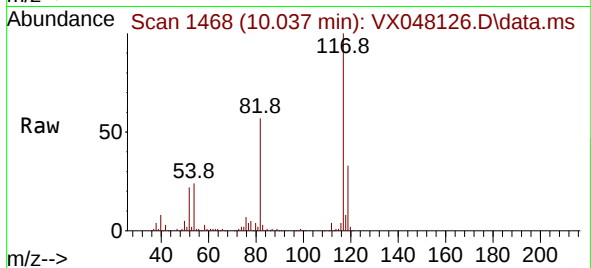




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

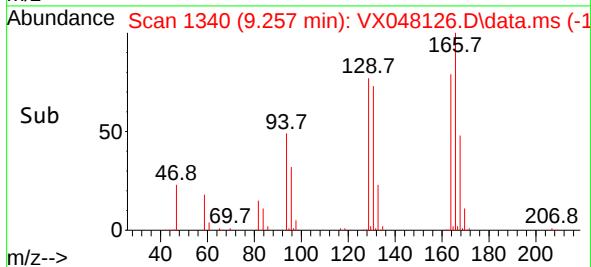
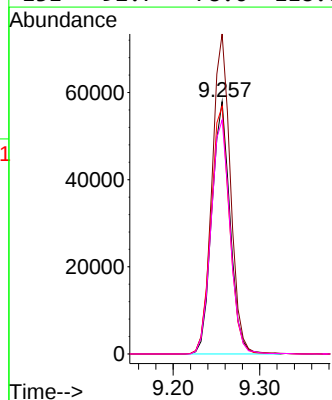
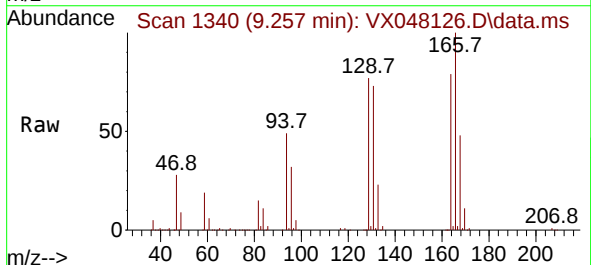
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

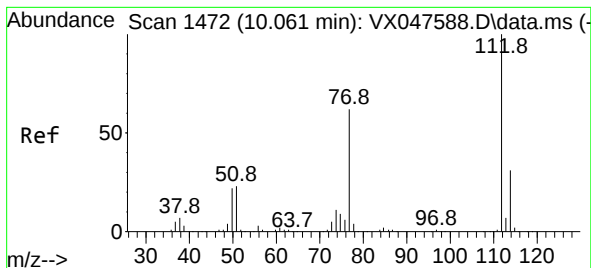
Tgt Ion:117 Resp: 223200
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.6
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 57.942 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:164 Resp: 84307
Ion Ratio Lower Upper
164 100
166 126.8 100.2 150.2
129 98.1 81.8 122.6
131 92.7 78.6 118.0





#65

Chlorobenzene

Concen: 54.737 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

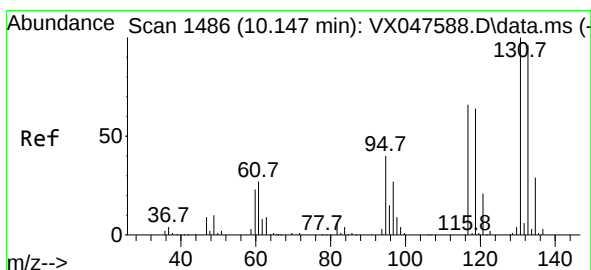
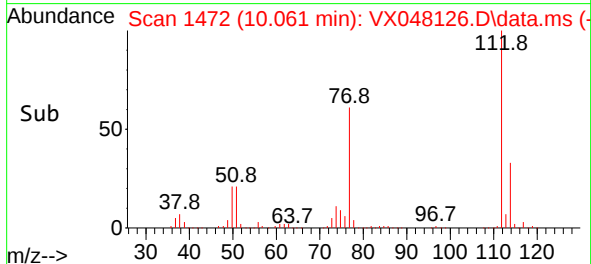
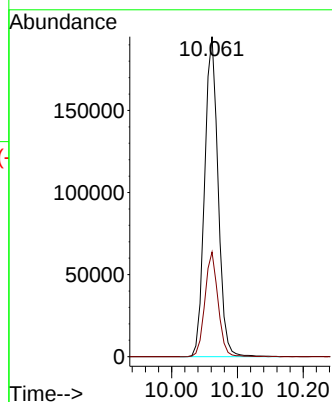
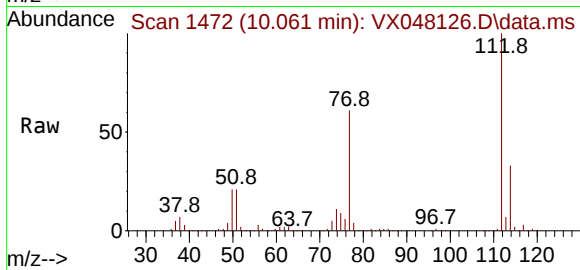
VSTDCCC050

Tgt Ion:112 Resp: 277555

Ion Ratio Lower Upper

112 100

114 32.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 55.224 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

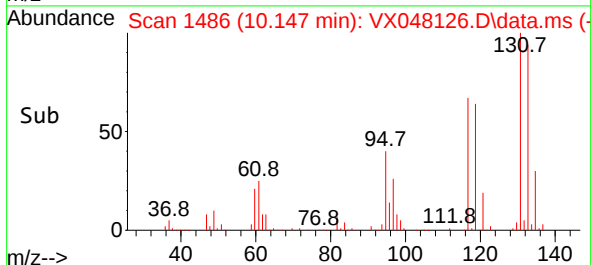
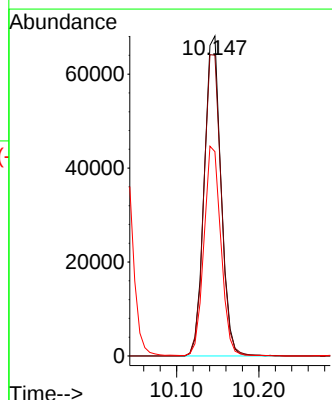
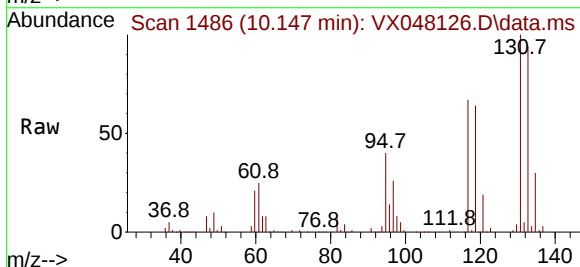
Tgt Ion:131 Resp: 96629

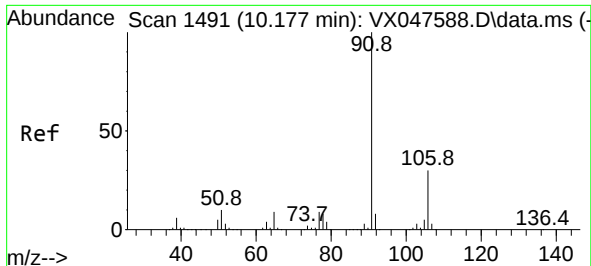
Ion Ratio Lower Upper

131 100

133 97.1 47.3 142.0

119 66.5 32.0 96.0





#67

Ethyl Benzene

Concen: 56.073 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

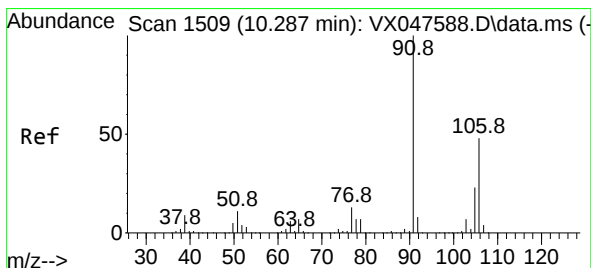
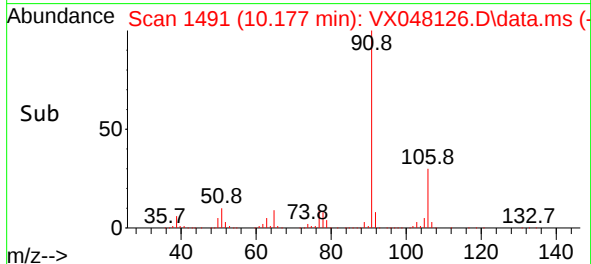
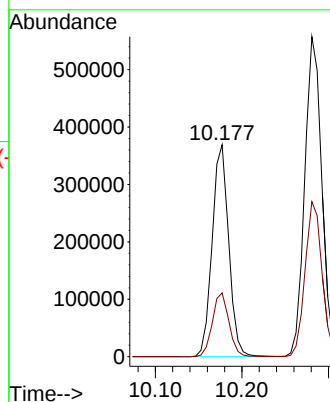
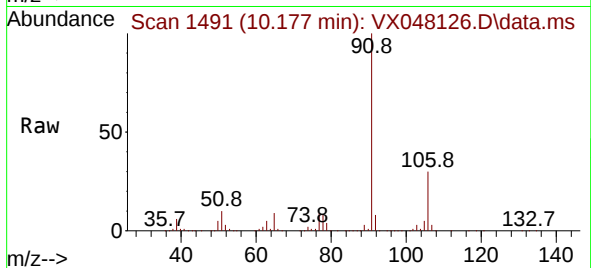
VSTDCCC050

Tgt Ion: 91 Resp: 490587

Ion Ratio Lower Upper

91 100

106 30.1 24.3 36.5



#68

m/p-Xylenes

Concen: 113.483 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048126.D

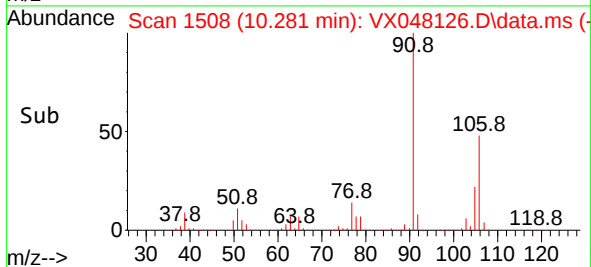
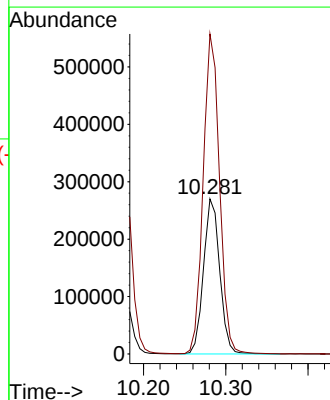
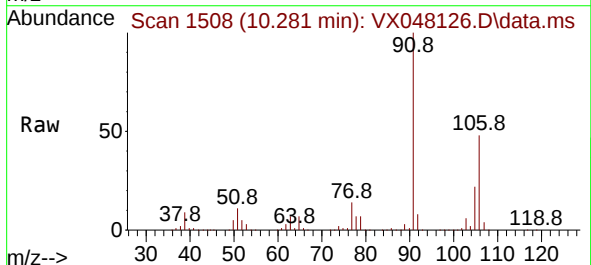
Acq: 13 Oct 2025 08:55

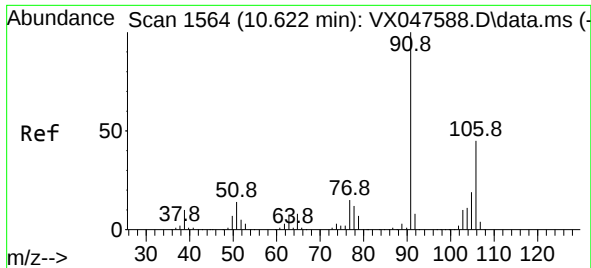
Tgt Ion:106 Resp: 369555

Ion Ratio Lower Upper

106 100

91 207.9 167.8 251.8

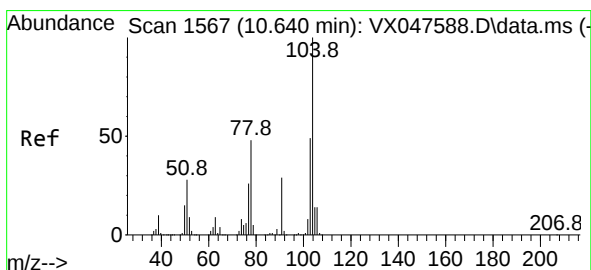
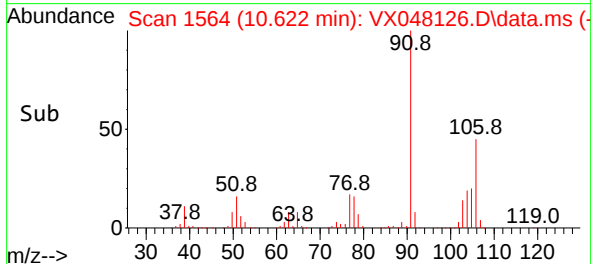
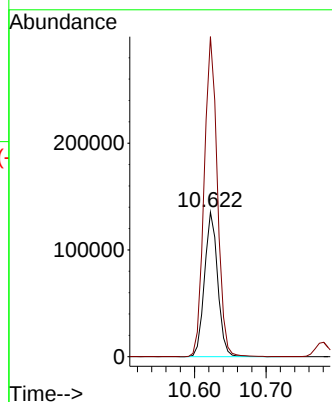
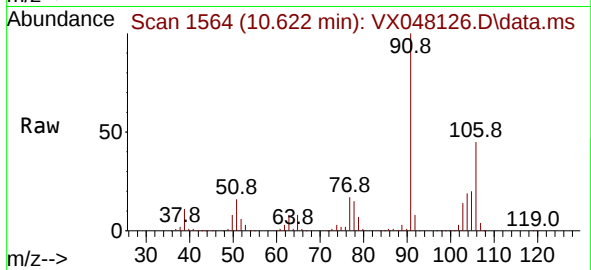




#69
o-Xylene
Concen: 55.023 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

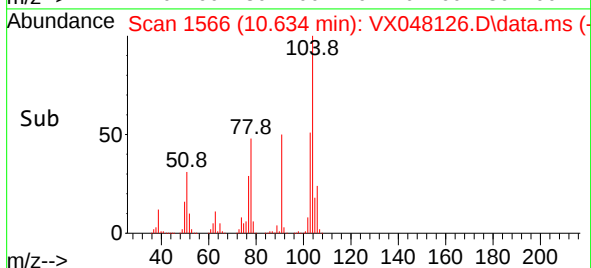
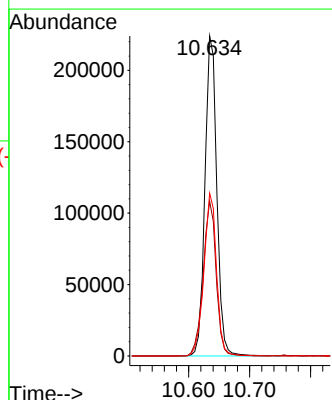
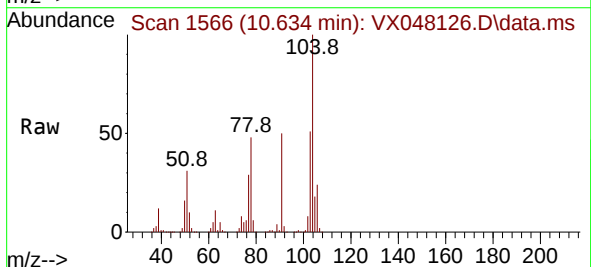
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

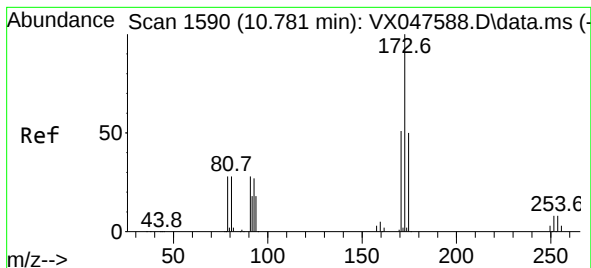
Tgt Ion:106 Resp: 173309
Ion Ratio Lower Upper
106 100
91 222.1 111.1 333.4



#70
Styrene
Concen: 55.065 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:104 Resp: 303904
Ion Ratio Lower Upper
104 100
78 53.0 43.1 64.7
103 54.3 43.1 64.7





#71

Bromoform

Concen: 54.505 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

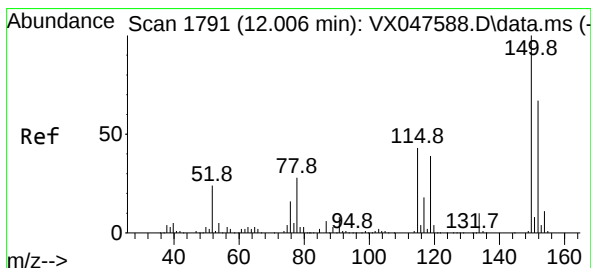
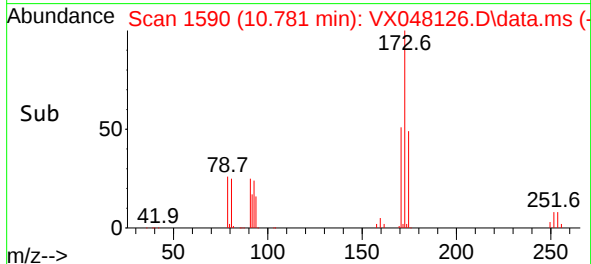
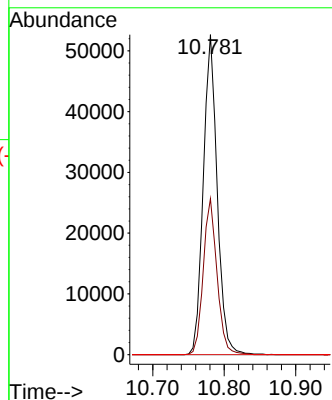
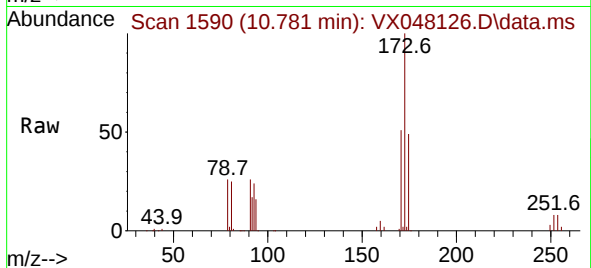
Tgt Ion:173 Resp: 71212

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

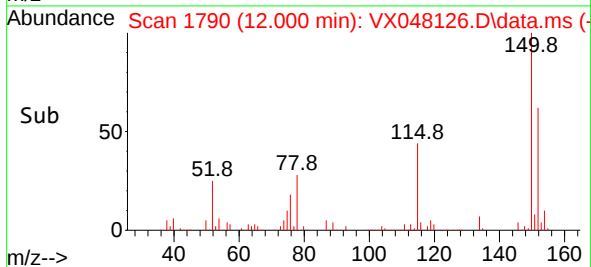
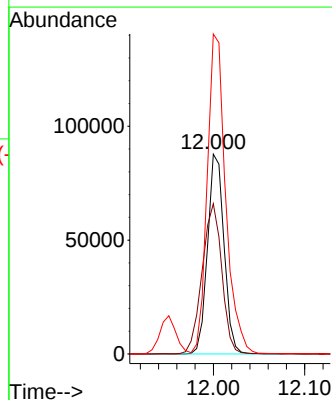
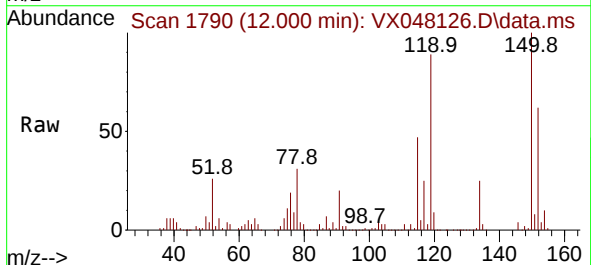
Tgt Ion:152 Resp: 109642

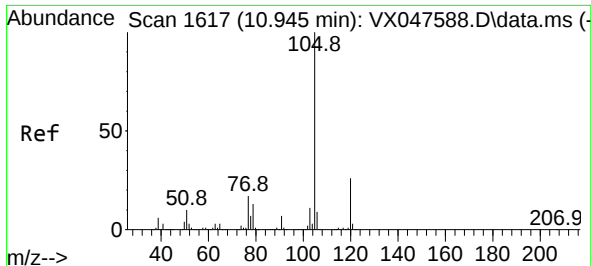
Ion Ratio Lower Upper

152 100

115 89.8 44.9 134.5

150 178.7 0.0 352.0

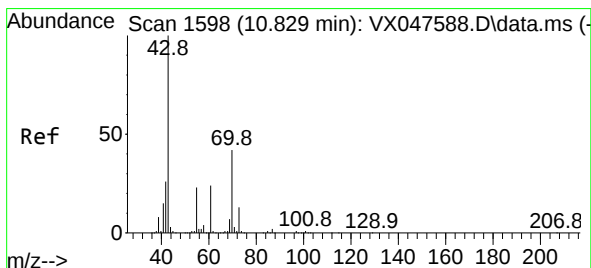
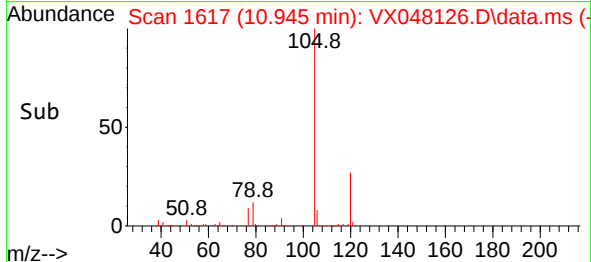
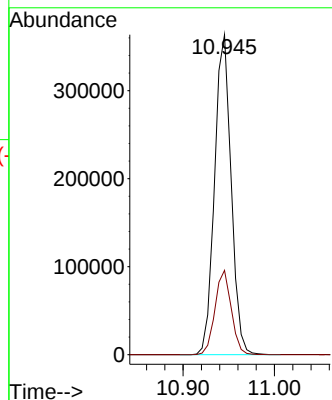
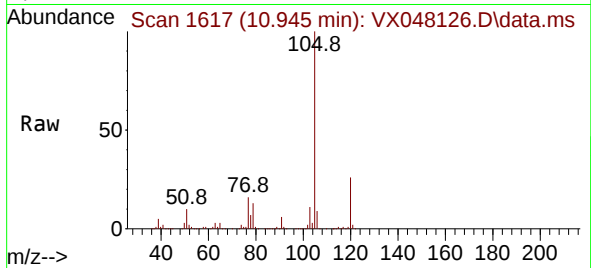




#73
Isopropylbenzene
Concen: 54.807 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

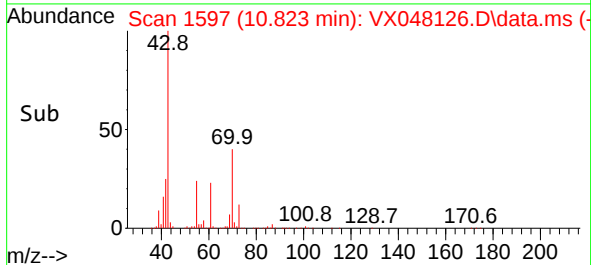
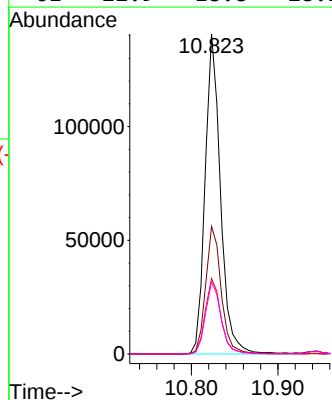
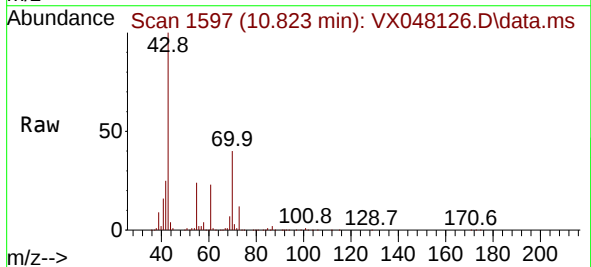
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

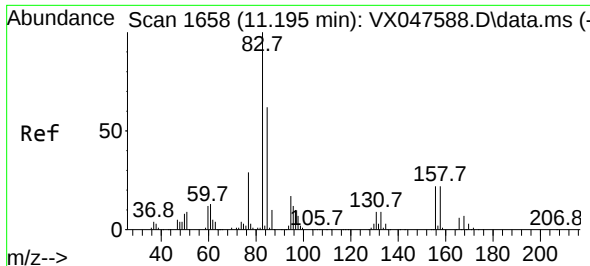
Tgt Ion:105 Resp: 456852
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#74
N-ethyl acetate
Concen: 45.597 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 173323
Ion Ratio Lower Upper
43 100
70 40.4 32.0 48.0
55 24.2 18.9 28.3
61 22.9 18.8 28.2

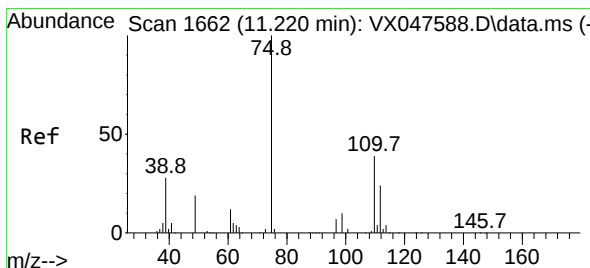
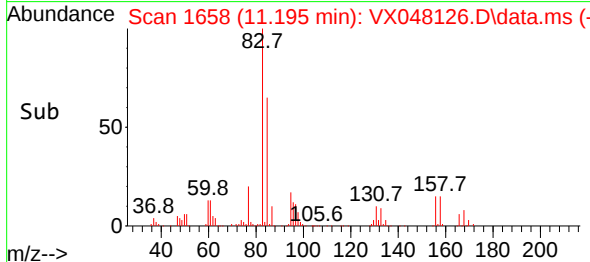
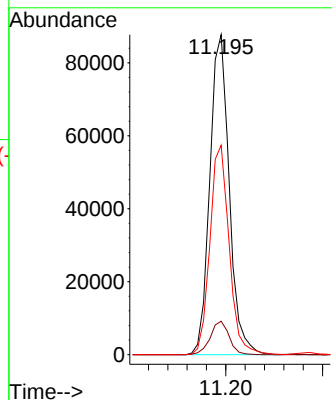
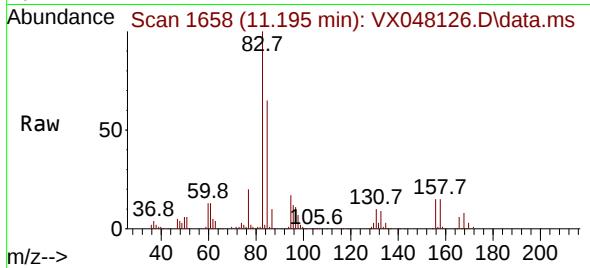




#75
1,1,2-Tetrachloroethane
Concen: 48.544 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

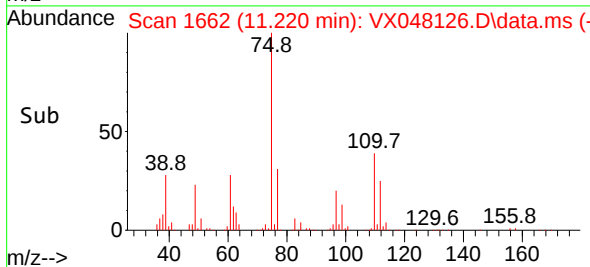
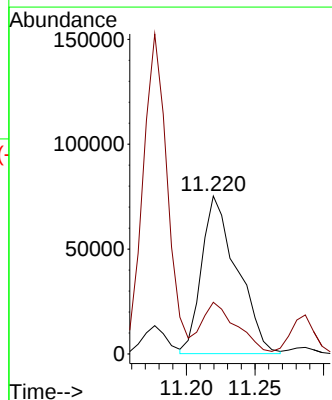
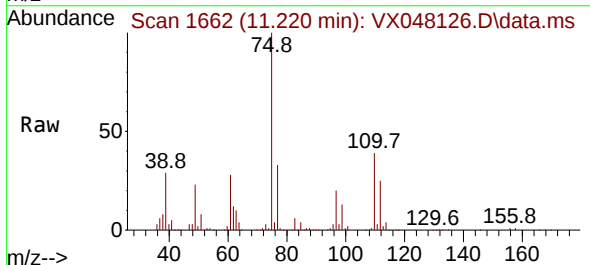
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

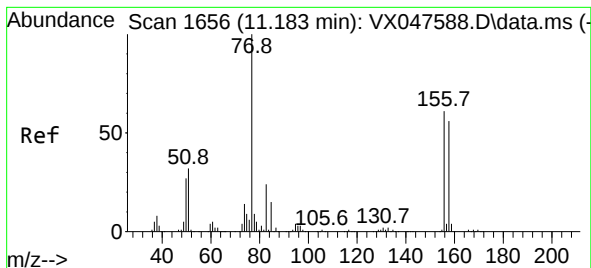
Tgt Ion: 83 Resp: 122425
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.0 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 61.075 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 135581
Ion Ratio Lower Upper
75 100
77 32.7 18.8 56.4





#77

Bromobenzene

Concen: 52.152 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

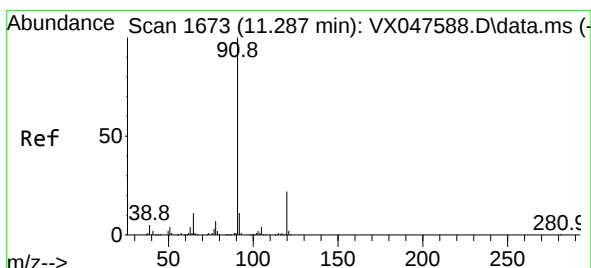
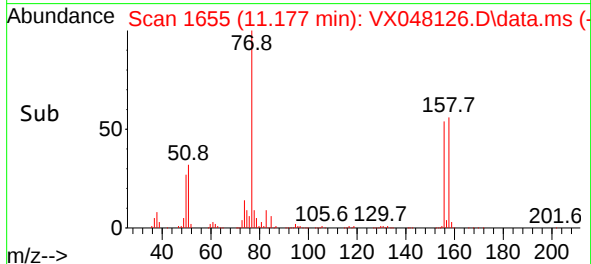
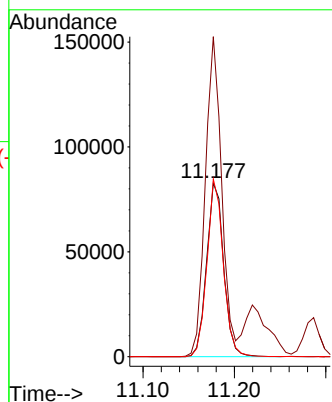
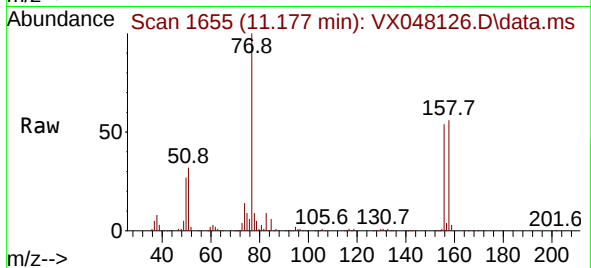
Tgt Ion:156 Resp: 107070

Ion Ratio Lower Upper

156 100

77 176.0 89.7 269.1

158 98.2 47.9 143.6



#78

n-propylbenzene

Concen: 54.892 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048126.D

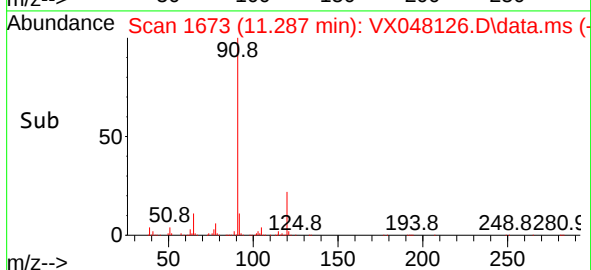
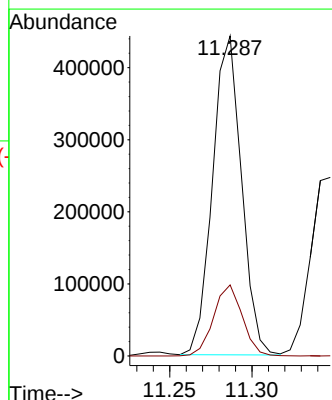
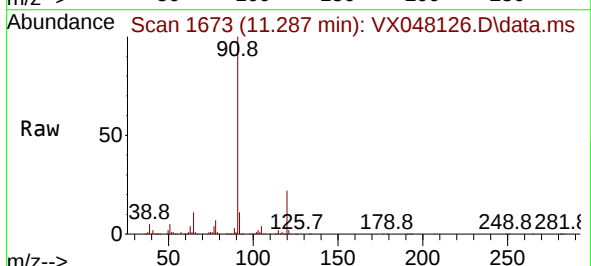
Acq: 13 Oct 2025 08:55

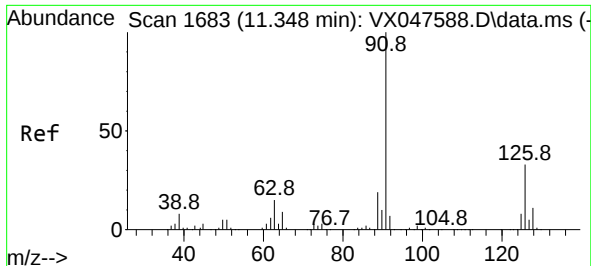
Tgt Ion: 91 Resp: 540893

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.1

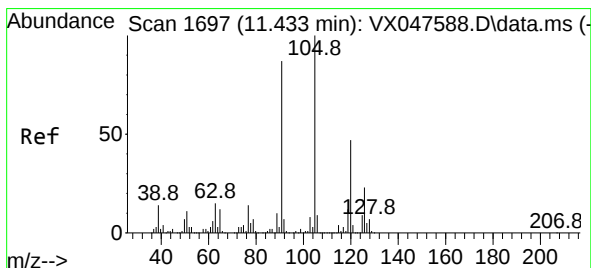
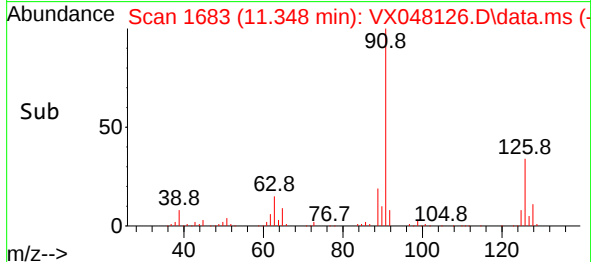
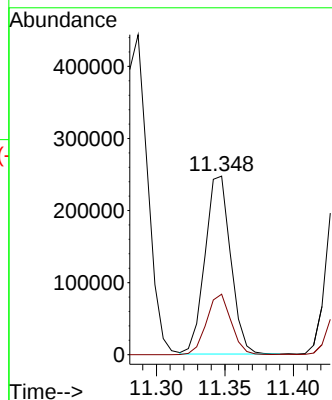
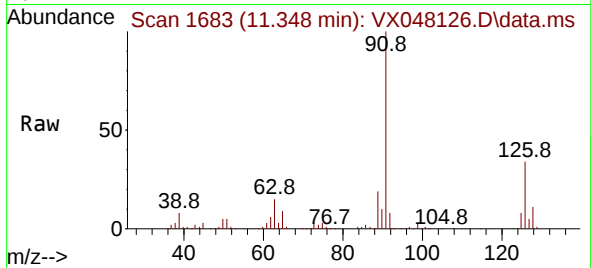




#79
2-Chlorotoluene
Concen: 53.398 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

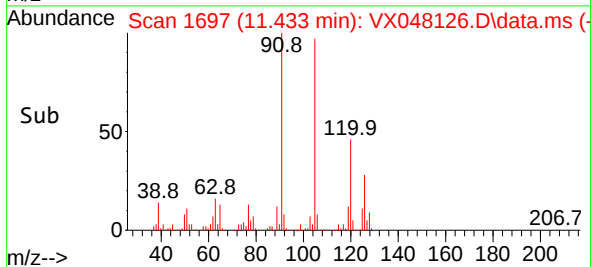
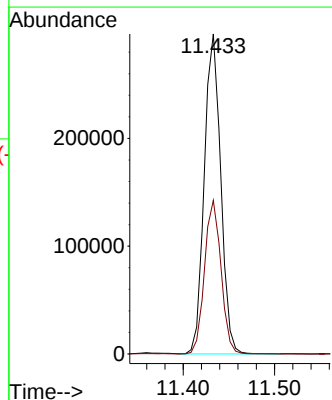
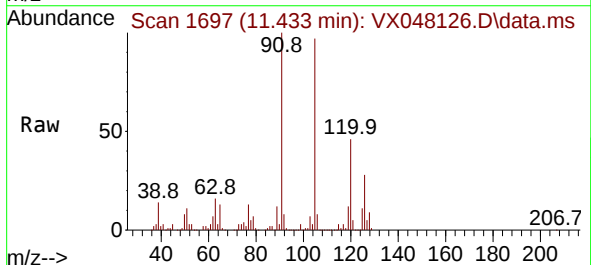
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

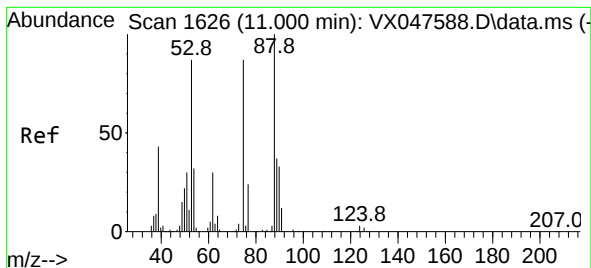
Tgt Ion: 91 Resp: 322270
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 54.031 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 105 Resp: 370027
Ion Ratio Lower Upper
105 100
120 48.0 23.6 70.8

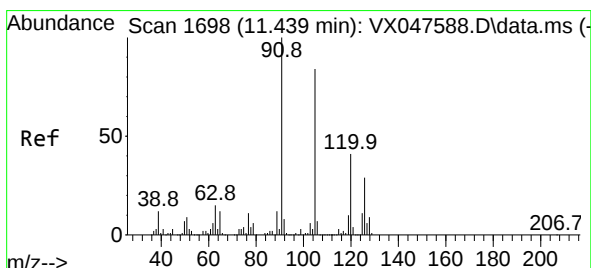
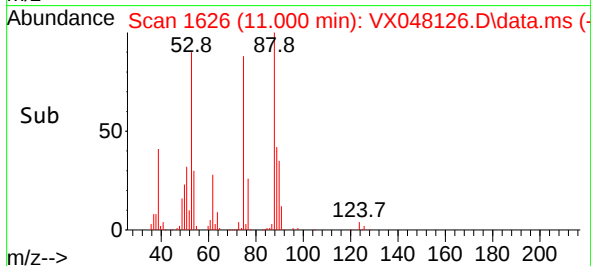
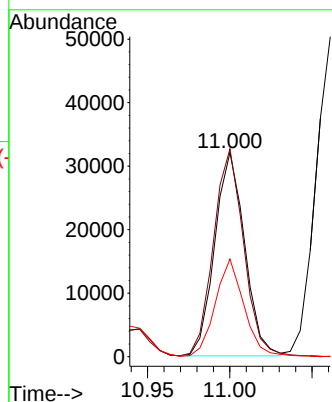
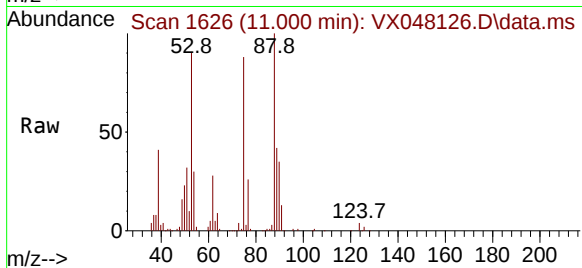




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.443 ug/l
 RT: 11.000 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

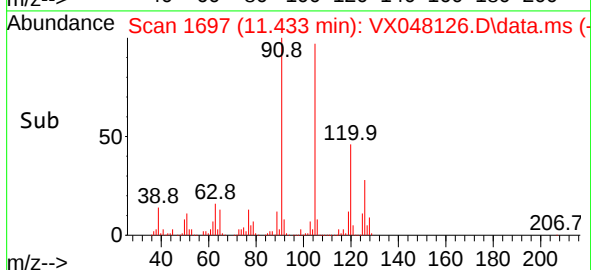
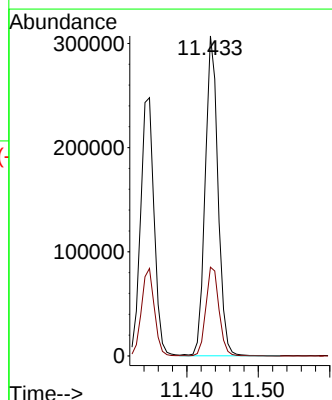
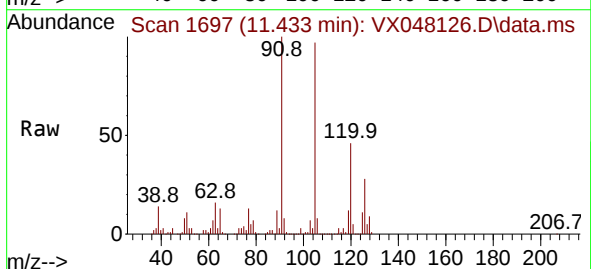
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

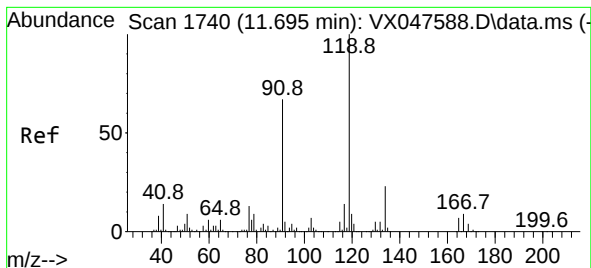
Tgt Ion: 75 Resp: 40429
 Ion Ratio Lower Upper
 75 100
 53 103.9 83.4 125.2
 89 46.5 36.3 54.5



#82
 4-Chlorotoluene
 Concen: 53.556 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. -0.006 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 381746
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.654 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

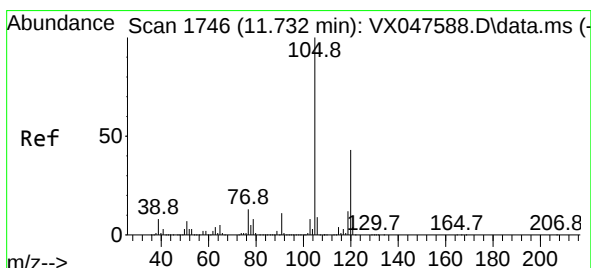
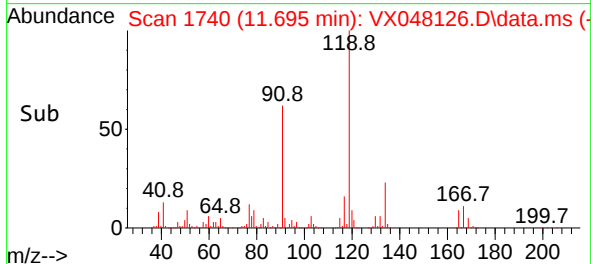
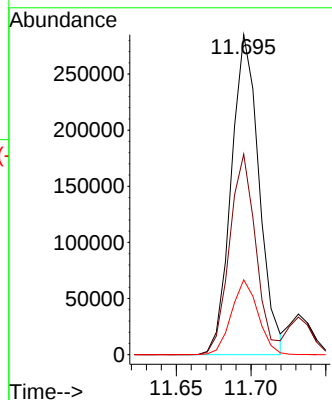
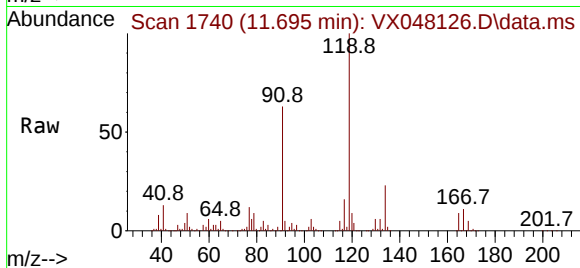
Tgt Ion:119 Resp: 369136

Ion Ratio Lower Upper

119 100

91 59.8 29.6 88.8

134 22.4 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 53.862 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048126.D

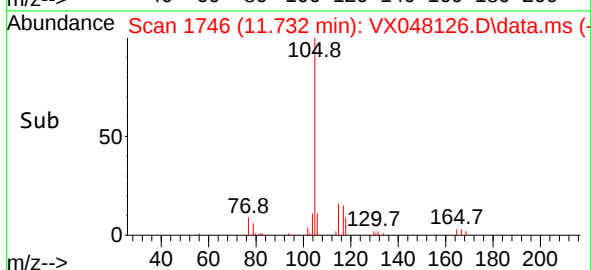
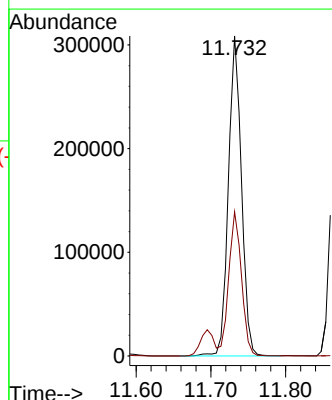
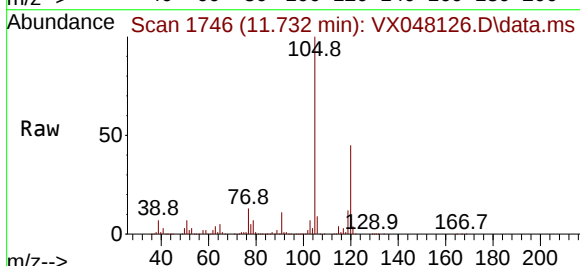
Acq: 13 Oct 2025 08:55

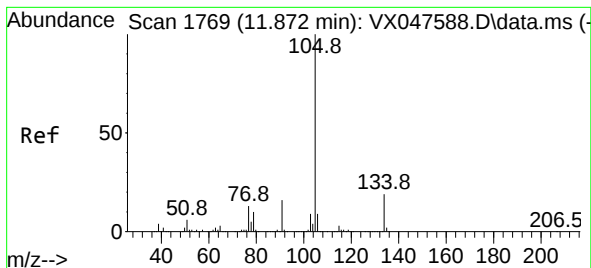
Tgt Ion:105 Resp: 373978

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 54.048 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

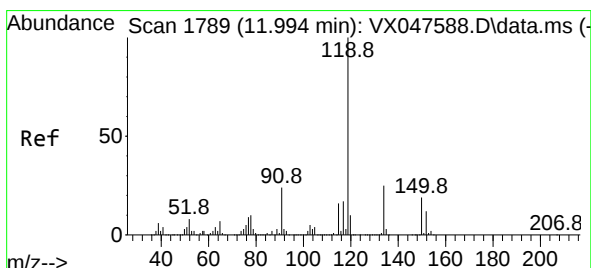
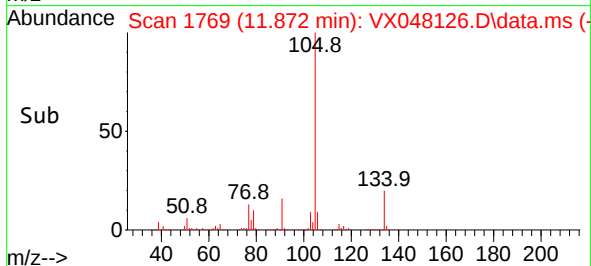
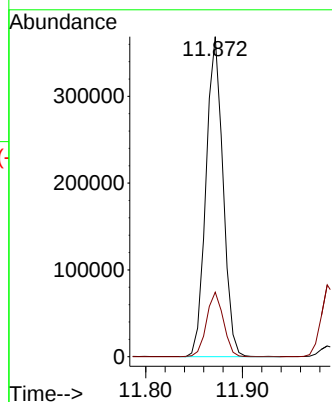
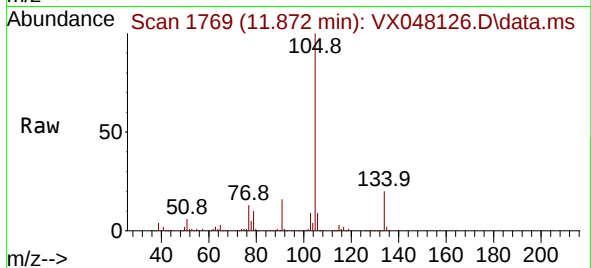
VSTDCCC050

Tgt Ion:105 Resp: 450074

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.872 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

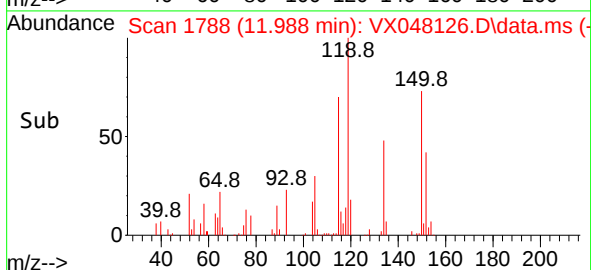
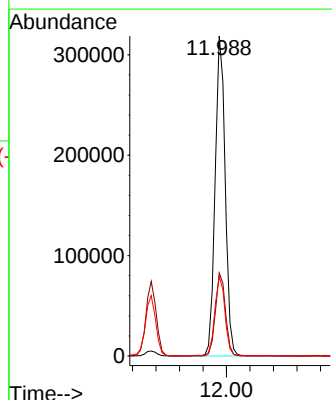
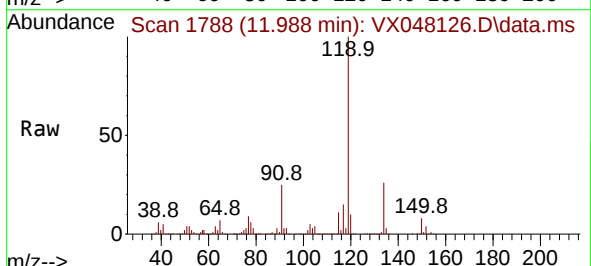
Tgt Ion:119 Resp: 379791

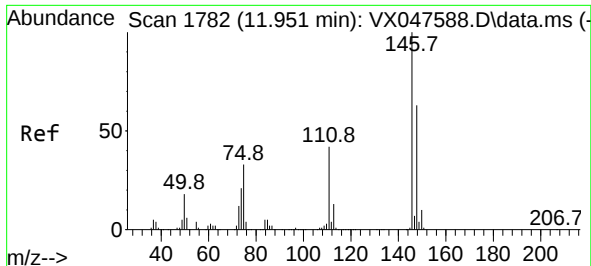
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.0 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 51.849 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

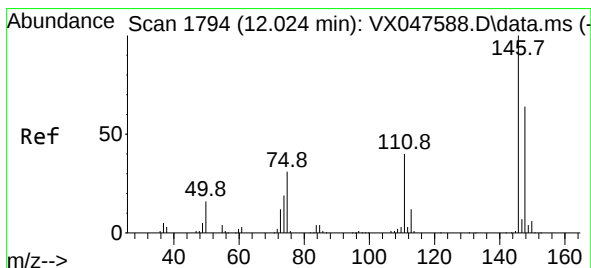
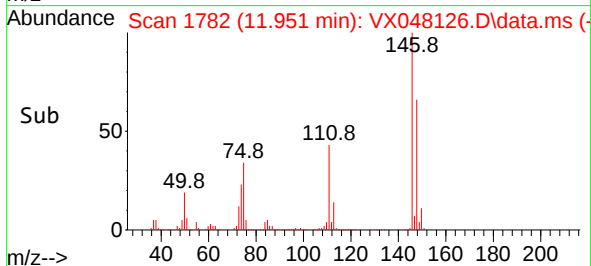
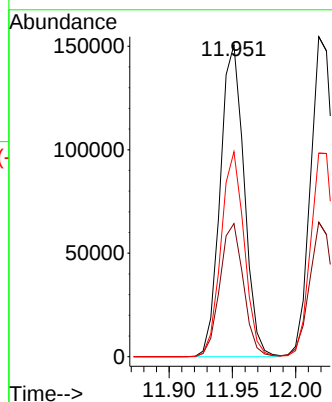
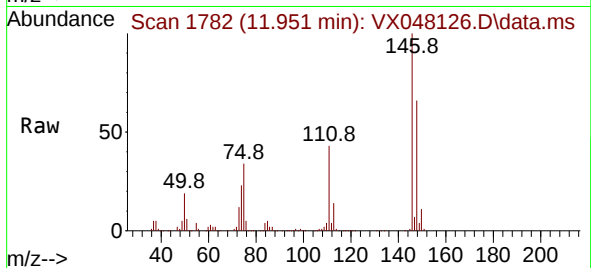
Tgt Ion:146 Resp: 197717

Ion Ratio Lower Upper

146 100

111 42.3 21.5 64.5

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.725 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

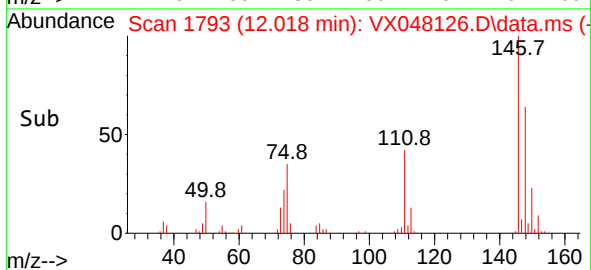
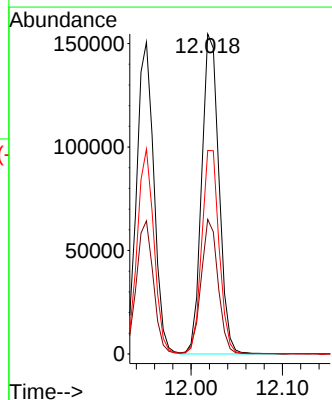
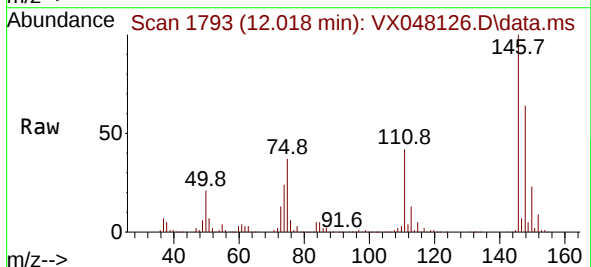
Tgt Ion:146 Resp: 202440

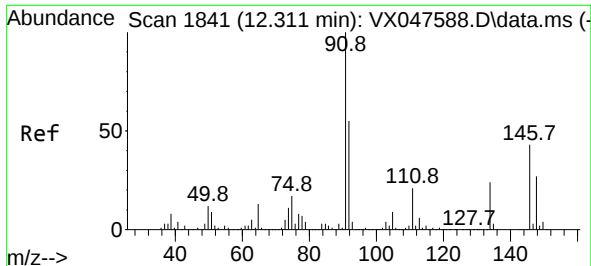
Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.4

148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 54.020 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

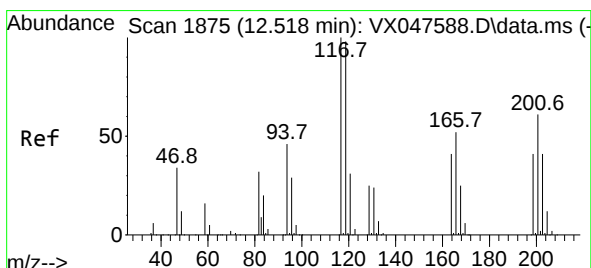
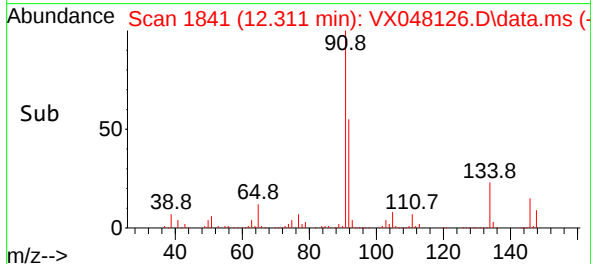
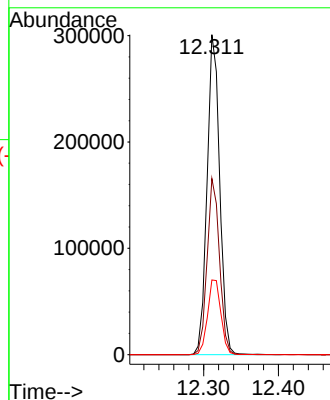
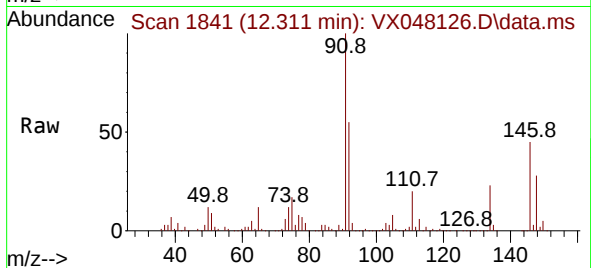
Tgt Ion: 91 Resp: 352384

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 57.956 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048126.D

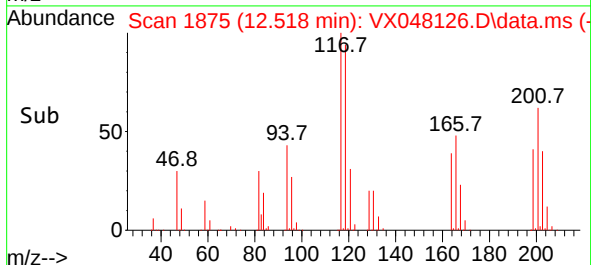
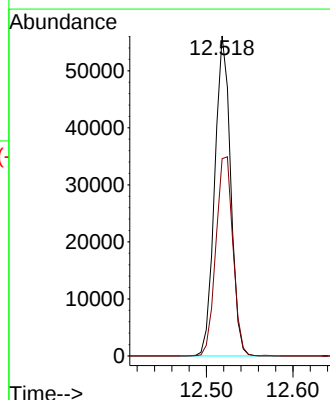
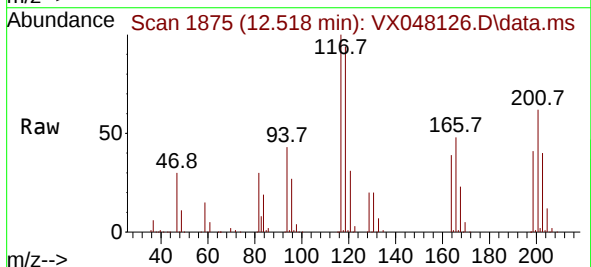
Acq: 13 Oct 2025 08:55

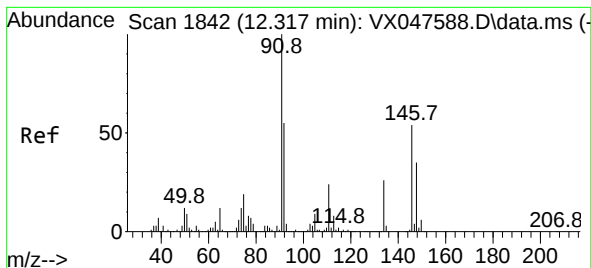
Tgt Ion: 117 Resp: 71735

Ion Ratio Lower Upper

117 100

201 66.6 34.2 102.5

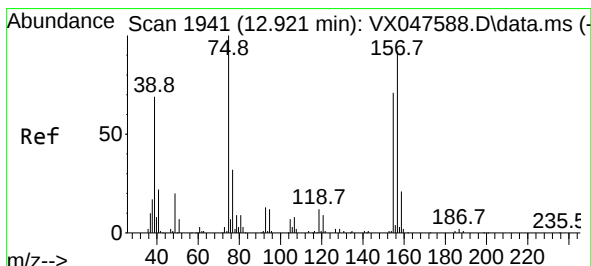
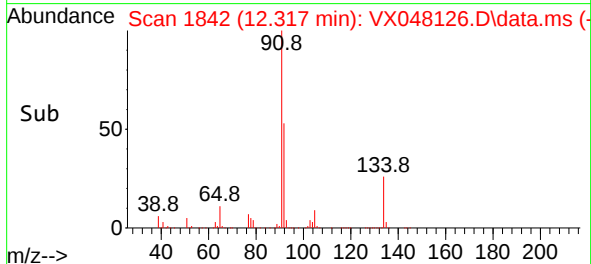
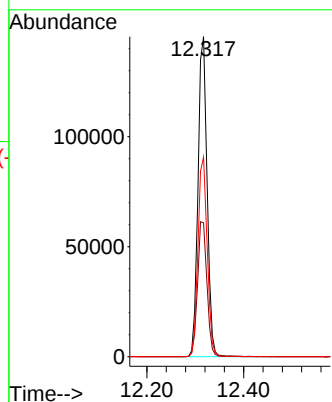
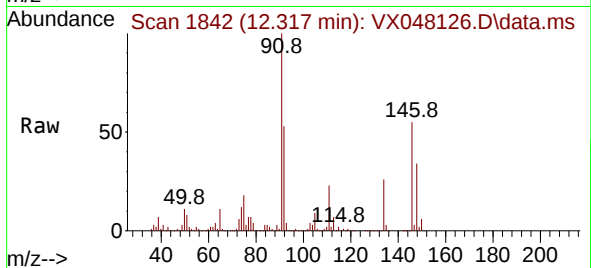




#91
 1,2-Dichlorobenzene
 Concen: 52.006 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

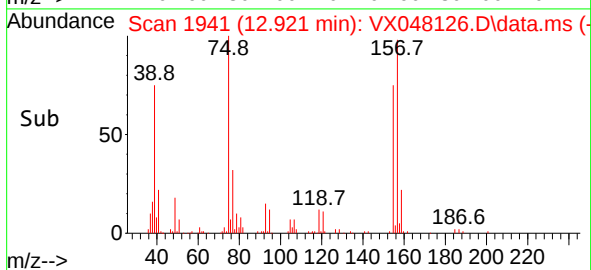
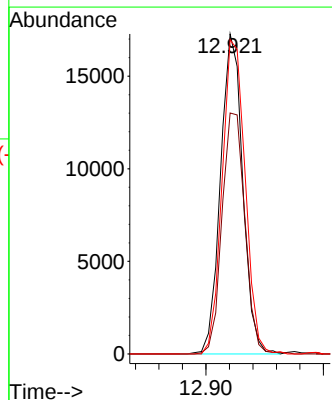
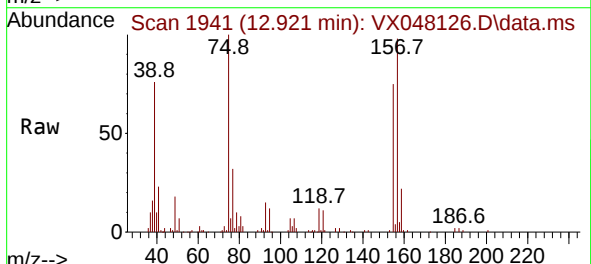
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

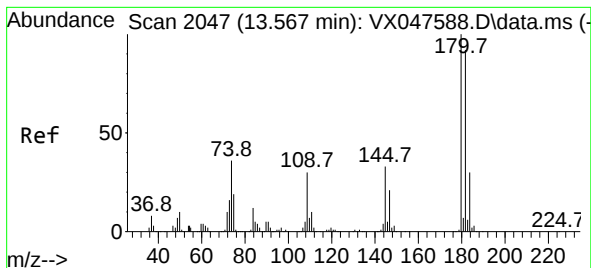
Tgt Ion:146 Resp: 188937
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.2 66.6
 148 63.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.358 ug/l
 RT: 12.921 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VX048126.D
 Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 22649
 Ion Ratio Lower Upper
 75 100
 155 77.7 37.7 113.1
 157 101.7 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 48.936 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

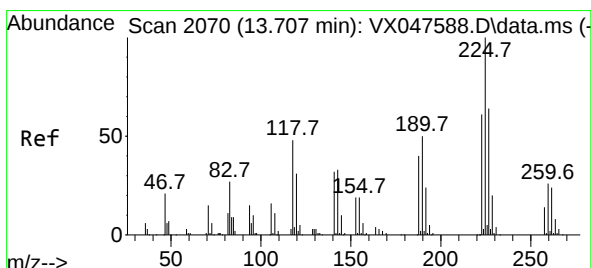
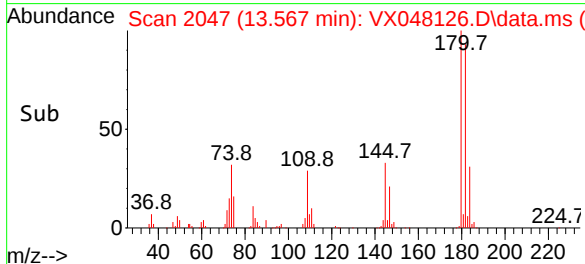
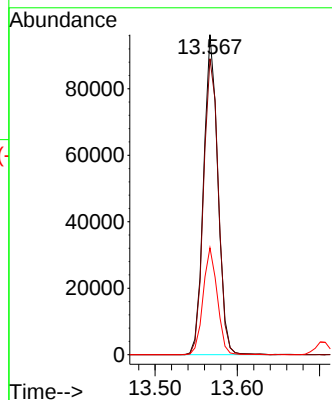
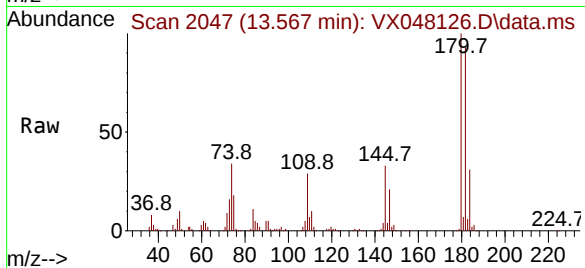
Tgt Ion:180 Resp: 115543

Ion Ratio Lower Upper

180 100

182 96.2 46.6 139.8

145 33.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 52.791 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

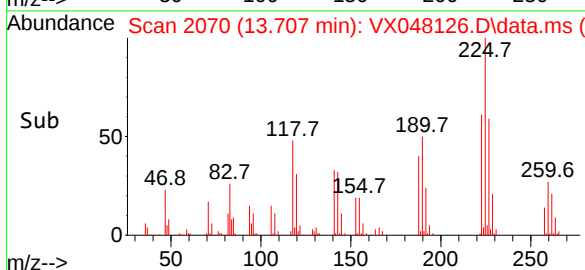
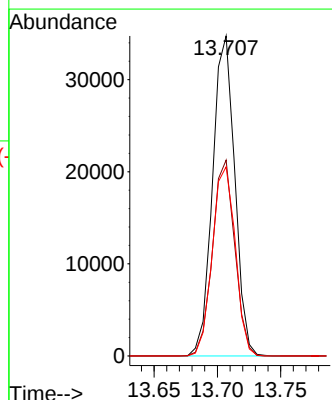
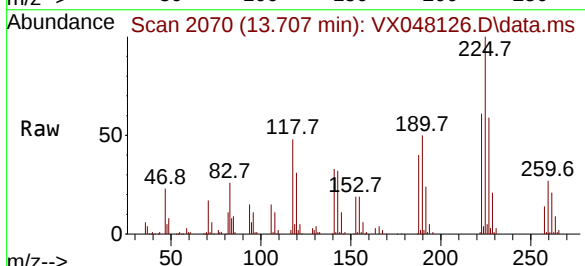
Tgt Ion:225 Resp: 42338

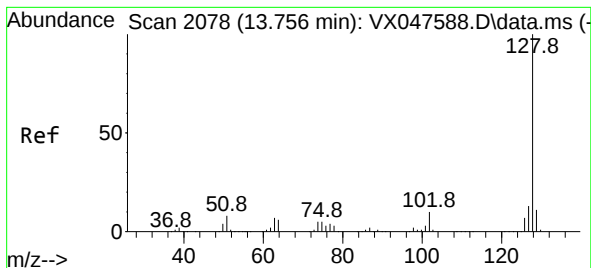
Ion Ratio Lower Upper

225 100

223 61.6 31.7 95.1

227 61.2 32.0 96.0





#95

Naphthalene

Concen: 45.067 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

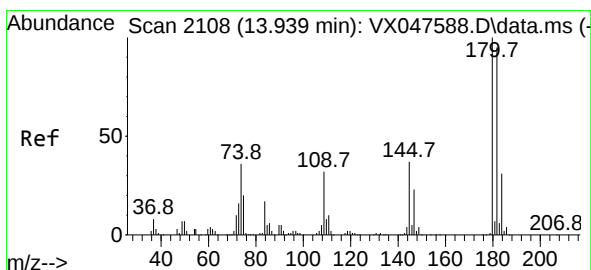
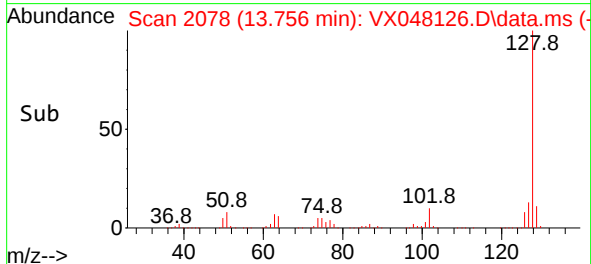
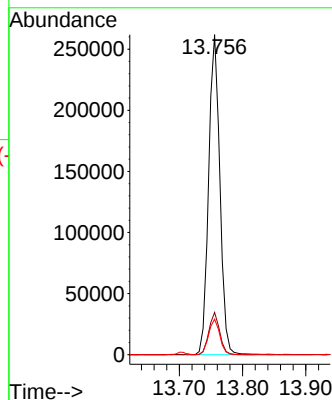
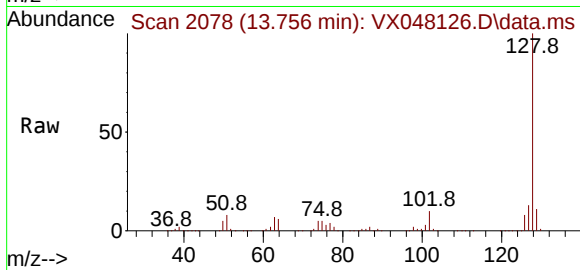
Tgt Ion:128 Resp: 324021

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.668 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048126.D

Acq: 13 Oct 2025 08:55

Tgt Ion:180 Resp: 109087

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 35.1 17.9 53.7

