

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048413.D
 Acq On : 29 Oct 2025 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 30 02:38:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	191674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	100396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	73818	54.407	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.820%	
35) Dibromofluoromethane	5.373	113	55922	51.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.340%	
50) Toluene-d8	8.635	98	238683	49.479	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	11.061	95	101919	56.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	366	0.380	ug/l	91
3) Chloromethane	1.301	50	679	1.251	ug/l #	66
4) Vinyl Chloride	1.380	62	501	0.399	ug/l #	86
5) Bromomethane	1.624	94	215	0.475	ug/l #	53
6) Chloroethane	1.697	64	176	0.236	ug/l	99
7) Trichlorofluoromethane	1.904	101	624	0.325	ug/l	98
8) Diethyl Ether	2.136	74	312	0.449	ug/l #	35
9) 1,1,2-Trichlorotrifluo...	2.343	101	530	0.490	ug/l	92
10) Methyl Iodide	2.465	142	9872	2.271	ug/l	97
11) Tert butyl alcohol	2.953	59	113	1.087	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	487	0.443	ug/l	86
13) Acrolein	2.239	56	813	3.747	ug/l #	67
14) Allyl chloride	2.666	41	956	0.514	ug/l #	71
15) Acrylonitrile	3.069	53	1477	3.123	ug/l #	68
16) Acetone	2.380	43	1303	4.237	ug/l #	79
17) Carbon Disulfide	2.520	76	7137	2.267	ug/l	97
18) Methyl Acetate	2.703	43	791	0.769	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	1643	0.467	ug/l	94
20) Methylene Chloride	2.794	84	657	0.554	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	1063	0.911	ug/l #	74
22) Diisopropyl ether	3.745	45	1179	0.310	ug/l #	39
23) Vinyl Acetate	3.733	43	4260	1.644	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	476	0.220	ug/l #	82
25) 2-Butanone	4.580	43	1176	2.394	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	703	0.505	ug/l	83
28) Bromochloromethane	4.904	49	508	0.519	ug/l #	78
29) Tetrahydrofuran	5.013	42	1324	3.785	ug/l #	62
31) Cyclohexane	5.465	56	1238	0.660	ug/l #	90
36) 1,1-Dichloropropene	5.684	75	1367	0.745	ug/l #	83
38) Carbon Tetrachloride	5.672	117	617	0.291	ug/l #	60
39) Methylcyclohexane	7.373	83	1576	0.668	ug/l	91
40) Benzene	6.031	78	2875	0.513	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	648	0.328	ug/l #	76
44) Trichloroethene	7.123	130	850	0.579	ug/l	77
45) 1,2-Dichloropropane	7.415	63	284	0.203	ug/l #	45
46) Dibromomethane	7.580	93	383	0.391	ug/l #	78

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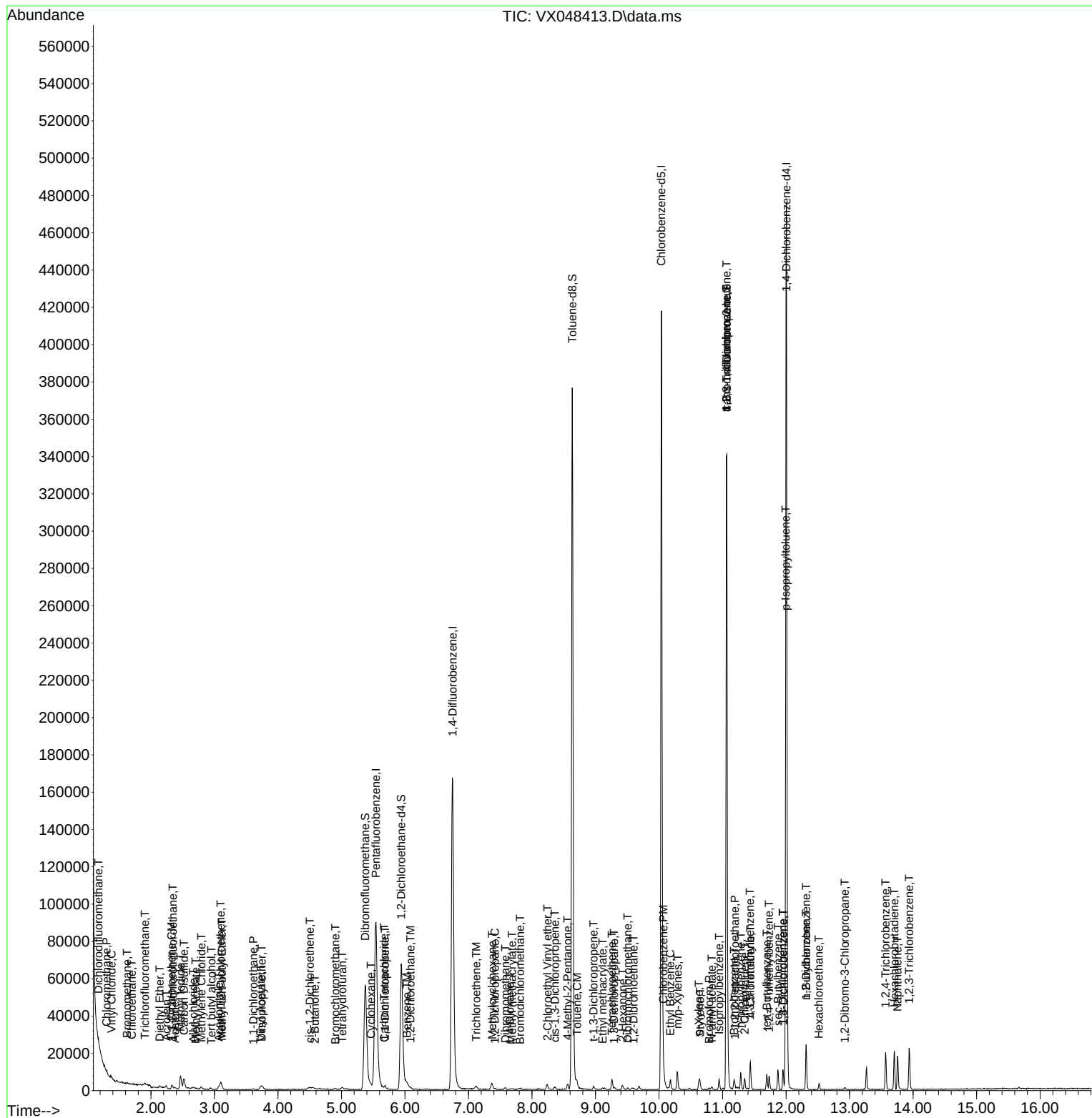
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	7.812	83	426	0.205	ug/l #	81
48) Methyl methacrylate	7.684	41	349	0.277	ug/l #	60
49) 1,4-Dioxane	7.653	88	117	8.177	ug/l #	1
51) 4-Methyl-2-Pentanone	8.562	43	2125	1.479	ug/l	91
52) Toluene	8.708	92	1435	0.410	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	1104	0.585	ug/l	93
54) cis-1,3-Dichloropropene	8.360	75	880	0.433	ug/l #	79
56) Ethyl methacrylate	9.110	69	452	0.243	ug/l	96
57) 1,3-Dichloropropane	9.293	76	634	0.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1298	10.425	ug/l	97
59) 2-Hexanone	9.427	43	1770	1.894	ug/l	90
60) Dibromochloromethane	9.506	129	421	0.269	ug/l	81
61) 1,2-Dibromoethane	9.598	107	454	0.346	ug/l	90
64) Tetrachloroethene	9.257	164	1127	0.701	ug/l #	72
65) Chlorobenzene	10.067	112	2468	0.537	ug/l	96
67) Ethyl Benzene	10.177	91	3428	0.443	ug/l	98
68) m/p-Xylenes	10.293	106	2560	0.873	ug/l	97
69) o-Xylene	10.628	106	947	0.338	ug/l	91
70) Styrene	10.646	104	2132	0.449	ug/l	95
71) Bromoform	10.787	173	451	0.399	ug/l #	90
73) Isopropylbenzene	10.945	105	3181	0.428	ug/l	90
74) N-amyl acetate	10.829	43	1012	0.382	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.195	83	622	0.331	ug/l #	90
76) 1,2,3-Trichloropropane	11.061	75	52243	36.184	ug/l #	33
77) Bromobenzene	11.183	156	1179	0.643	ug/l	95
78) n-propylbenzene	11.287	91	5987	0.682	ug/l	99
79) 2-Chlorotoluene	11.348	91	3329	0.632	ug/l	93
80) 1,3,5-Trimethylbenzene	11.433	105	3269	0.537	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.061	75	52243	125.218	ug/l #	10
82) 4-Chlorotoluene	11.439	91	5038	0.813	ug/l	96
83) tert-Butylbenzene	11.695	119	3349	0.540	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	3675	0.610	ug/l	94
85) sec-Butylbenzene	11.872	105	6151	0.797	ug/l	95
86) p-Isopropyltoluene	11.994	119	5389	0.826	ug/l	91
87) 1,3-Dichlorobenzene	11.951	146	3646	1.041	ug/l	97
88) 1,4-Dichlorobenzene	11.951	146	3646	1.022	ug/l	96
89) n-Butylbenzene	12.317	91	7688	1.254	ug/l	94
90) Hexachloroethane	12.518	117	613	0.534	ug/l	91
91) 1,2-Dichlorobenzene	12.317	146	2981	0.918	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	313	0.850	ug/l	83
93) 1,2,4-Trichlorobenzene	13.567	180	4960	2.214	ug/l	97
94) Hexachlorobutadiene	13.707	225	3062	3.259	ug/l	93
95) Naphthalene	13.756	128	12172	2.151	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	5344	2.626	ug/l	97

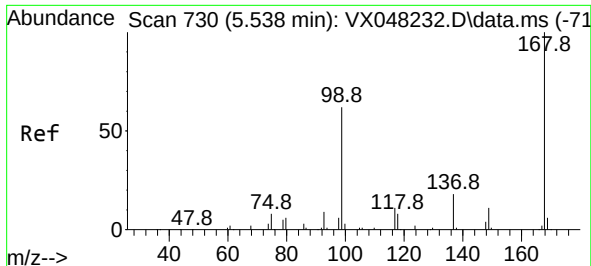
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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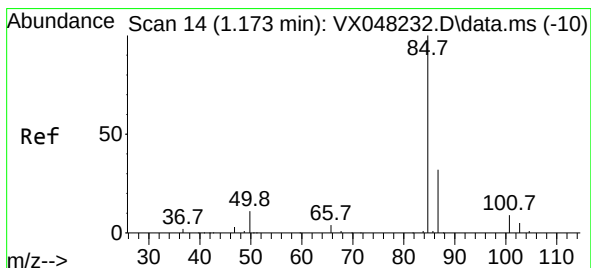
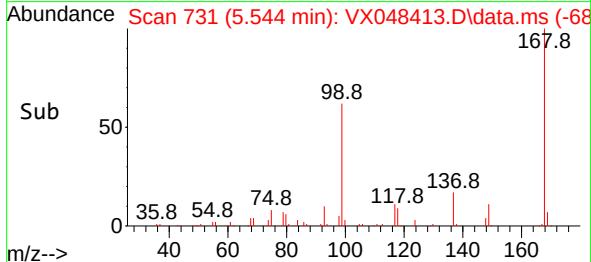
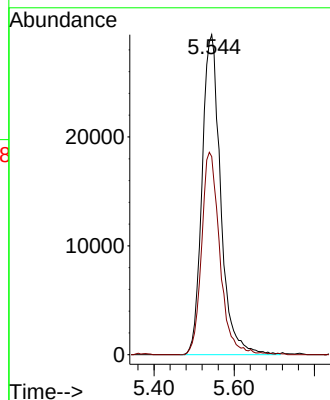
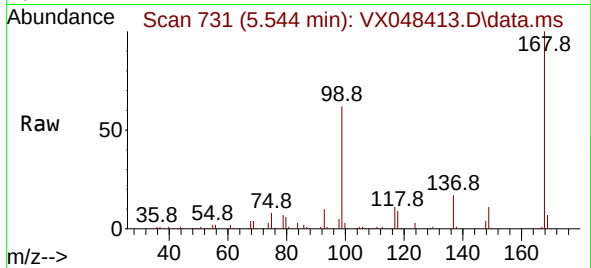




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048413.D
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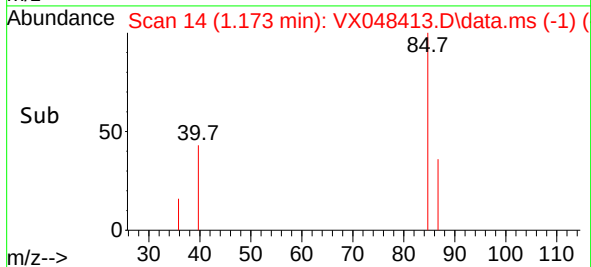
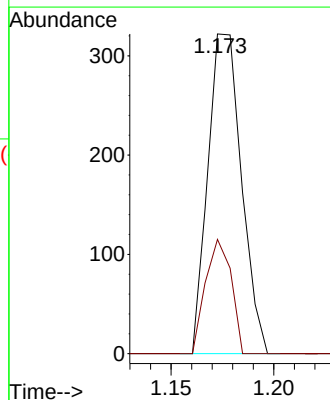
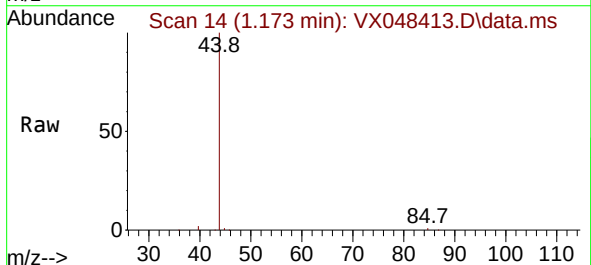
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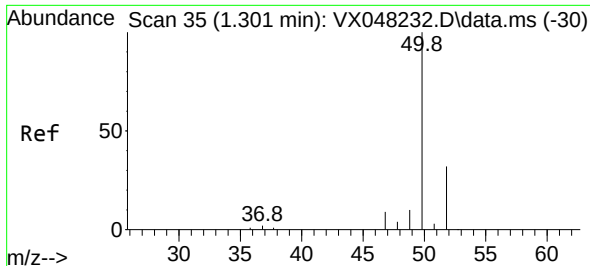
Tgt Ion:168 Resp: 94342
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.380 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 85 Resp: 366
Ion Ratio Lower Upper
85 100
87 35.7 15.3 45.9

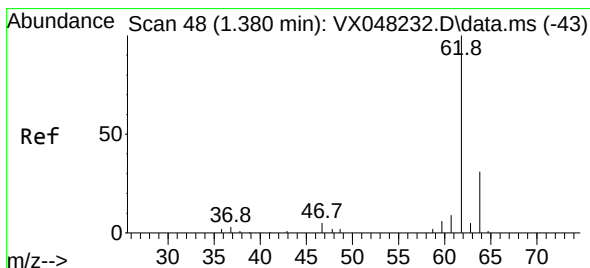
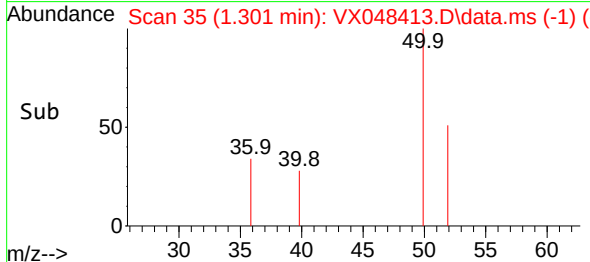
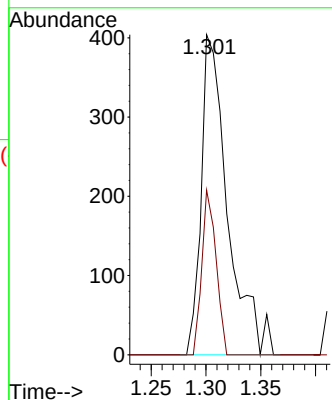
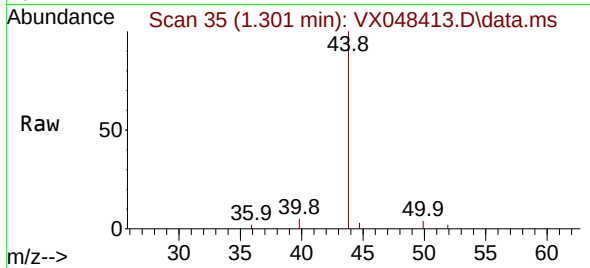




#3
Chloromethane
Concen: 1.251 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

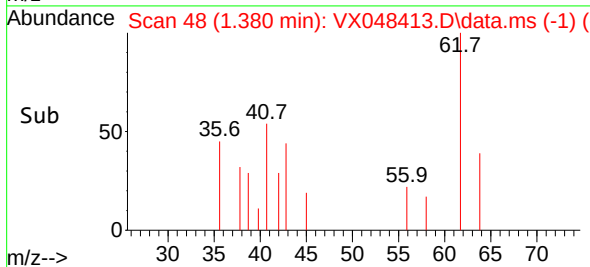
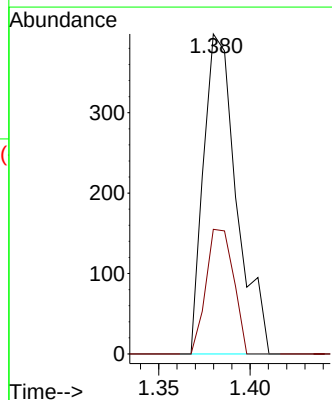
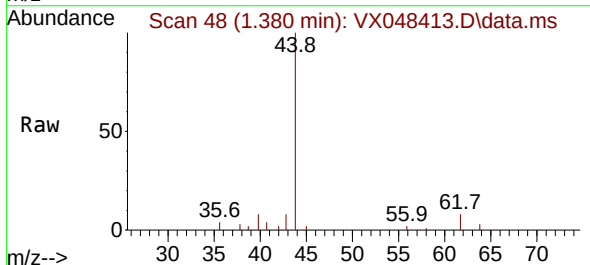
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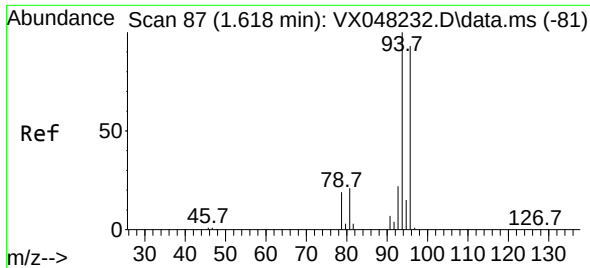
Tgt Ion: 50 Resp: 679
Ion Ratio Lower Upper
50 100
52 51.5 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.399 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 62 Resp: 501
Ion Ratio Lower Upper
62 100
64 38.9 25.1 37.7#

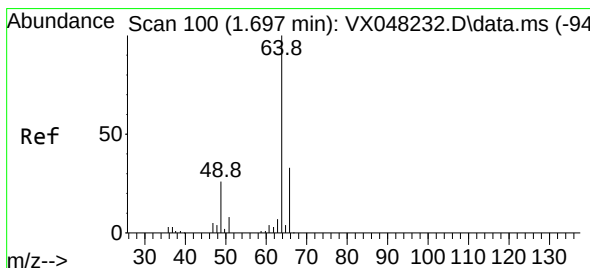
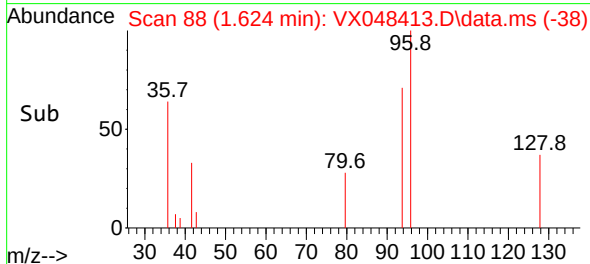
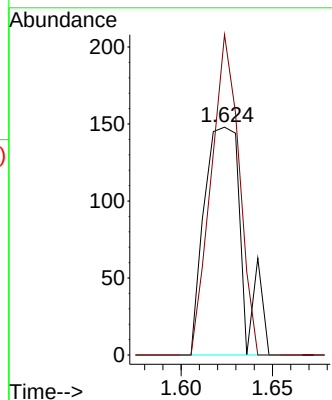
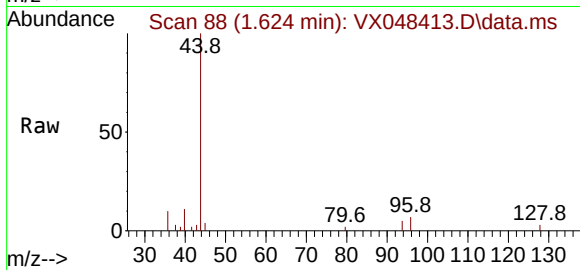




#5
Bromomethane
Concen: 0.475 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

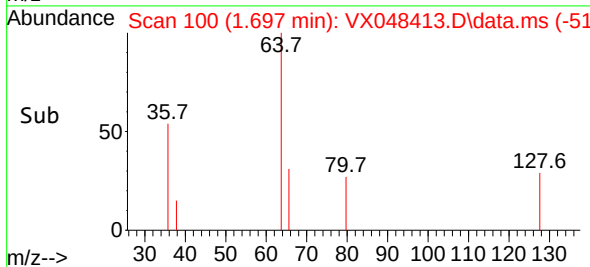
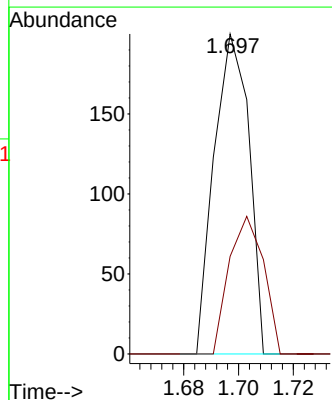
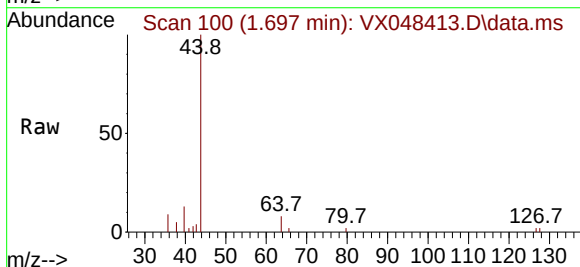
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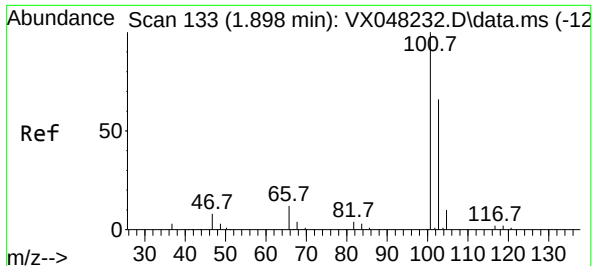
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 140.5 76.0 114.0#



#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 30.5 23.9 35.9

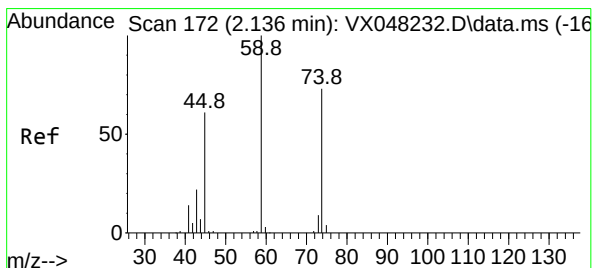
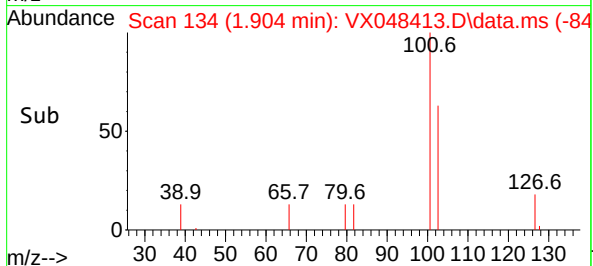
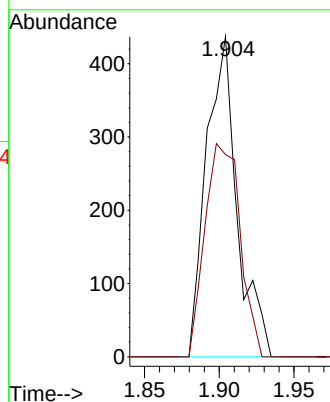
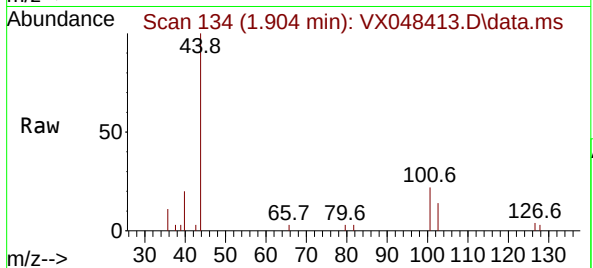




#7
 Trichlorofluoromethane
 Concen: 0.325 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX048413.D
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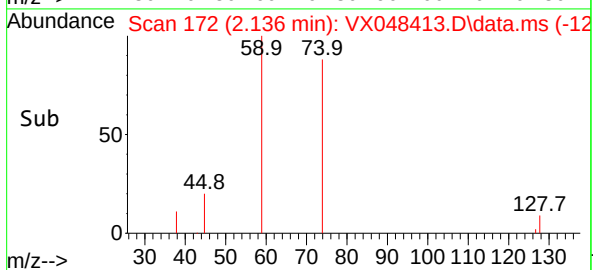
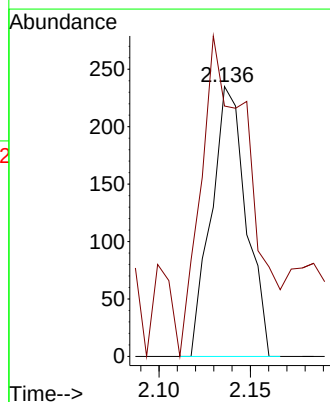
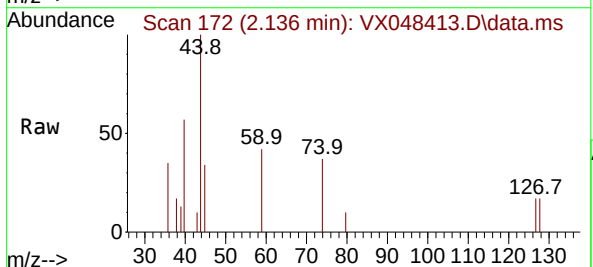
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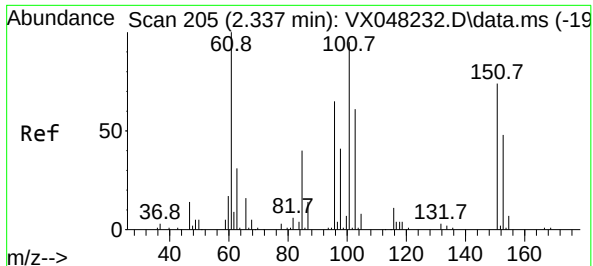
Tgt Ion:101 Resp: 624
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.6 77.4



#8
 Diethyl Ether
 Concen: 0.449 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048413.D
 Acq: 29 Oct 2025 13:24

Tgt Ion: 74 Resp: 312
 Ion Ratio Lower Upper
 74 100
 45 164.4 50.0 149.8#

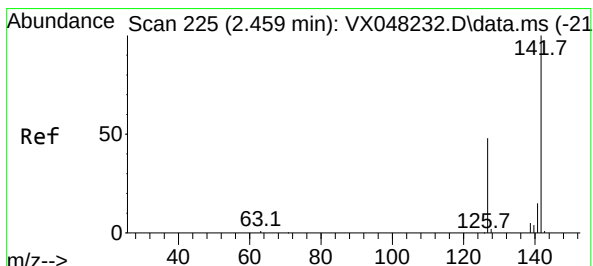
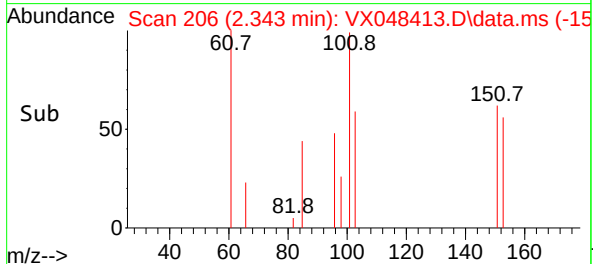
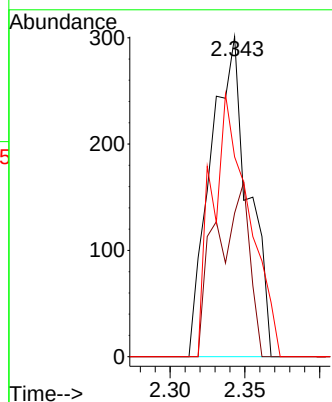
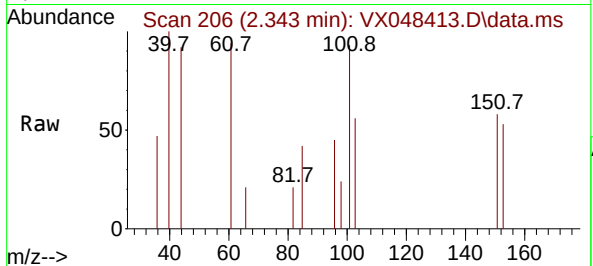




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.490 ug/l
RT: 2.343 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX048413.D
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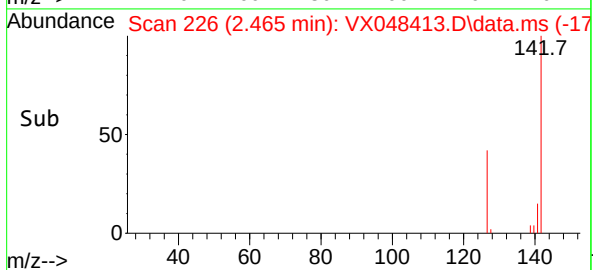
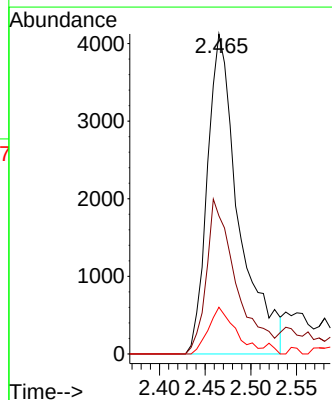
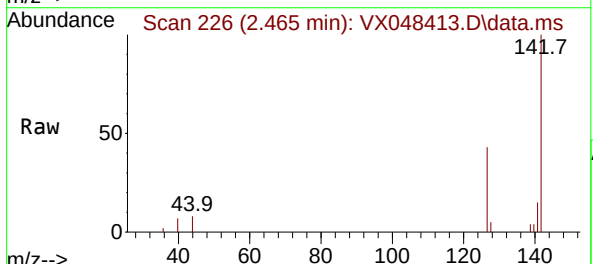
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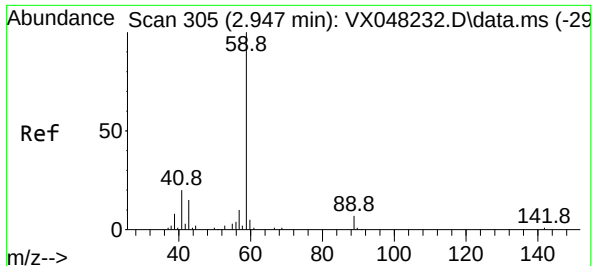
Tgt Ion:101 Resp: 530
Ion Ratio Lower Upper
101 100
85 47.9 35.6 53.4
151 80.0 58.0 87.0



#10
Methyl Iodide
Concen: 2.271 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
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Tgt Ion:142 Resp: 9872
Ion Ratio Lower Upper
142 100
127 45.9 38.5 57.7
141 12.7 11.6 17.4

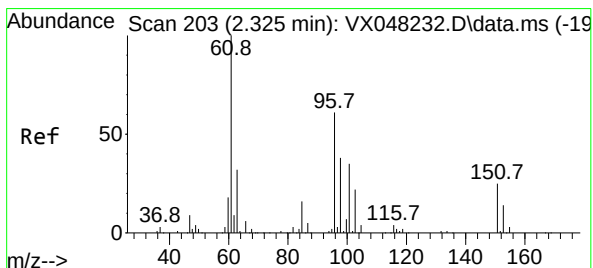
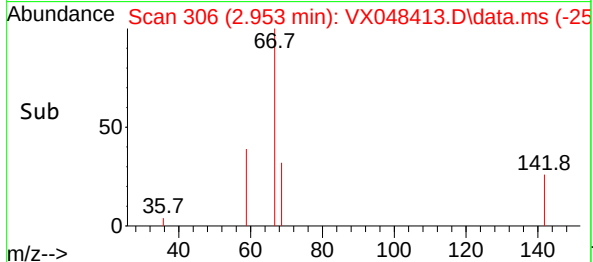
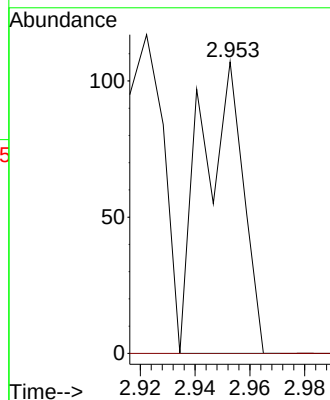
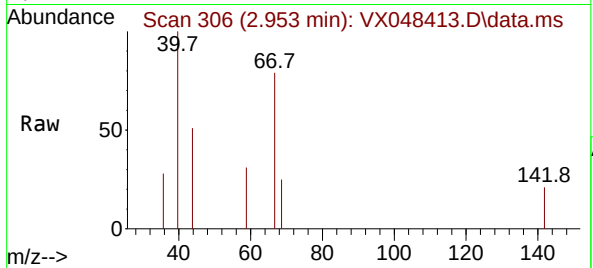




#11
Tert butyl alcohol
Concen: 1.087 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.012 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

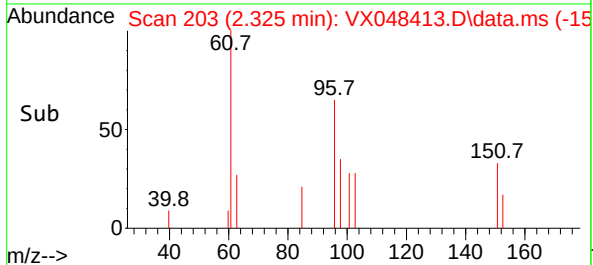
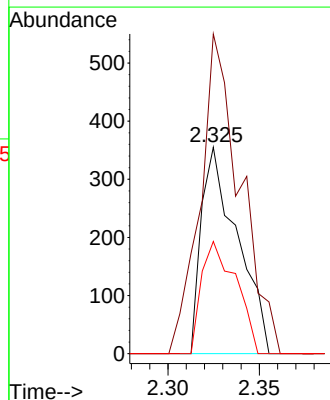
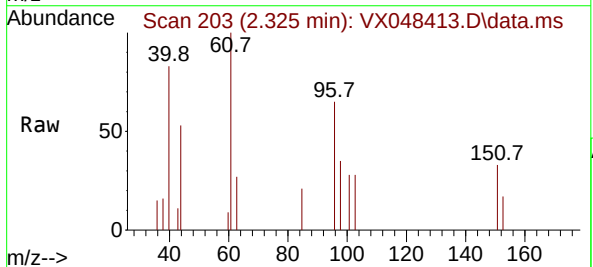
Instrument :
MSVOA_X
ClientSampleId :
IBLK

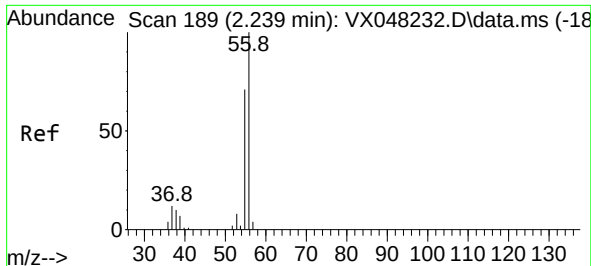
Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.443 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 96 Resp: 487
Ion Ratio Lower Upper
96 100
61 154.9 139.0 208.6
98 54.4 52.4 78.6





#13

Acrolein

Concen: 3.747 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

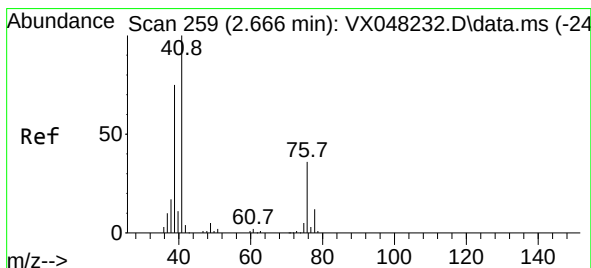
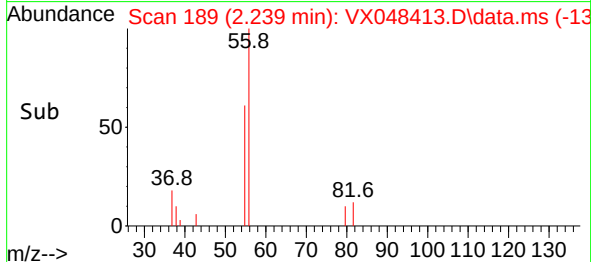
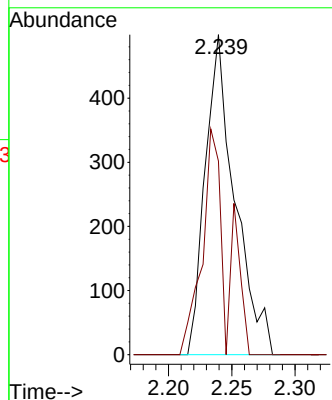
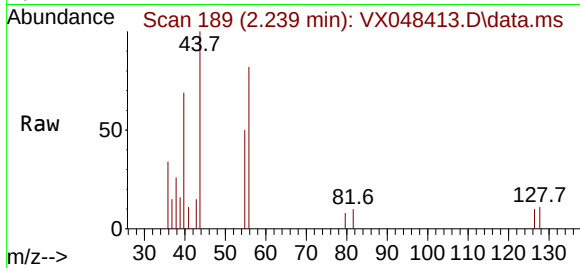
IBLK

Tgt Ion: 56 Resp: 813

Ion Ratio Lower Upper

56 100

55 42.7 56.1 84.1#



#14

Allyl chloride

Concen: 0.514 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

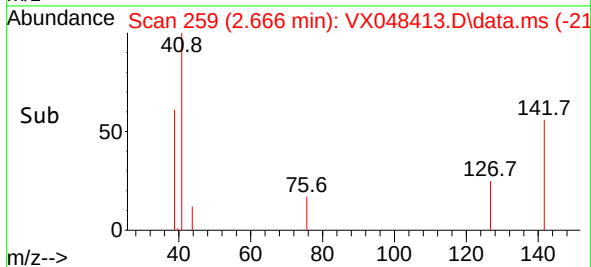
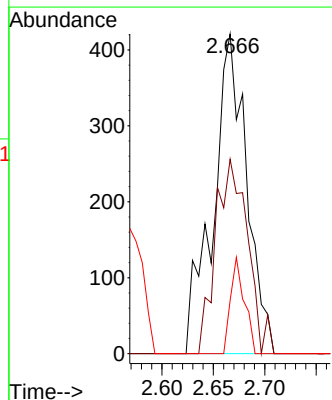
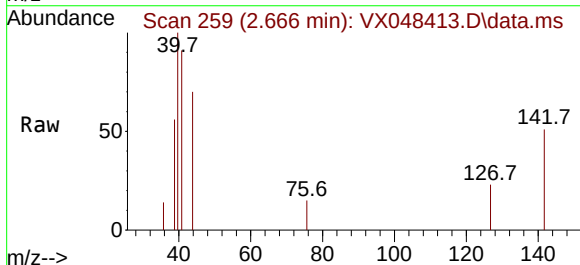
Tgt Ion: 41 Resp: 956

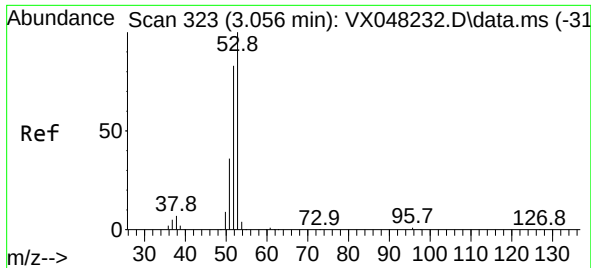
Ion Ratio Lower Upper

41 100

39 58.1 56.0 84.0

76 0.0 27.5 41.3#

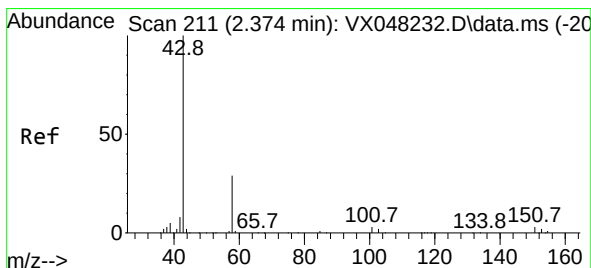
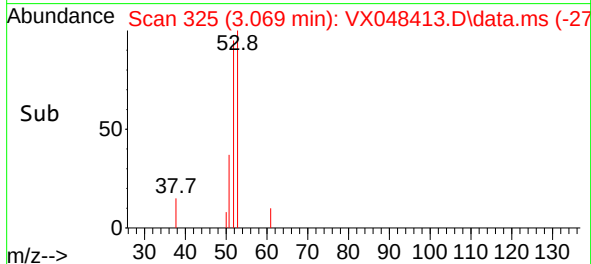
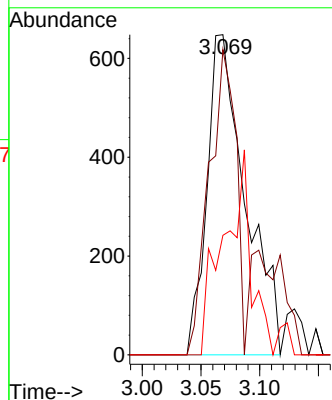
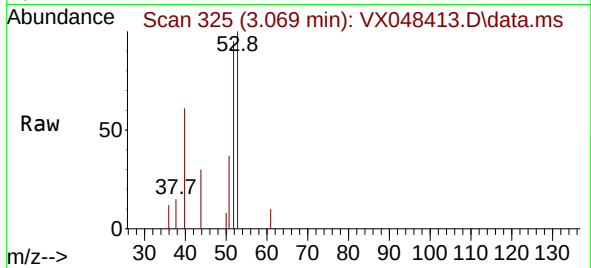




#15
Acrylonitrile
Concen: 3.123 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

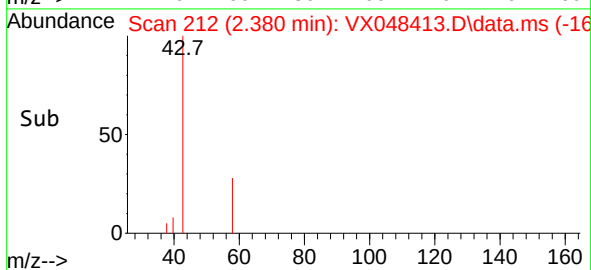
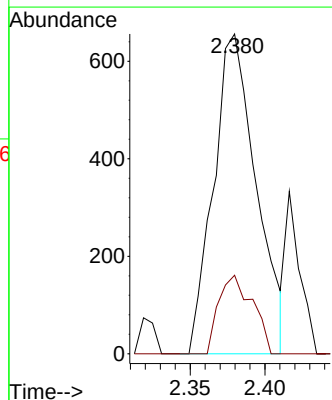
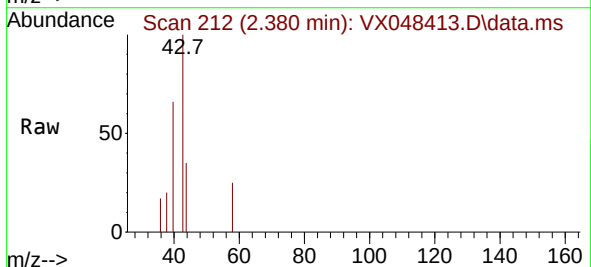
Instrument :
MSVOA_X
ClientSampleId :
IBLK

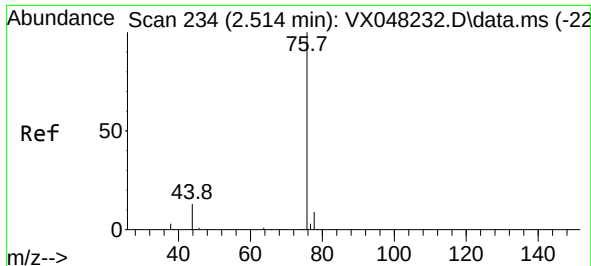
Tgt Ion: 53 Resp: 1477
Ion Ratio Lower Upper
53 100
52 65.9 66.1 99.1#
51 0.0 29.0 43.4#



#16
Acetone
Concen: 4.237 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
58 18.1 23.4 35.2#

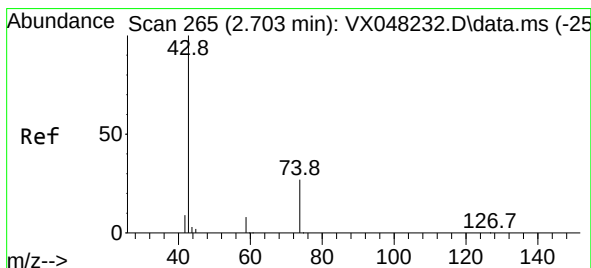
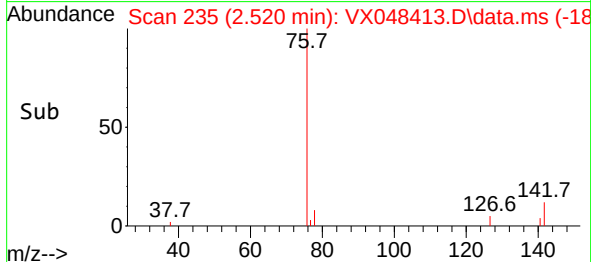
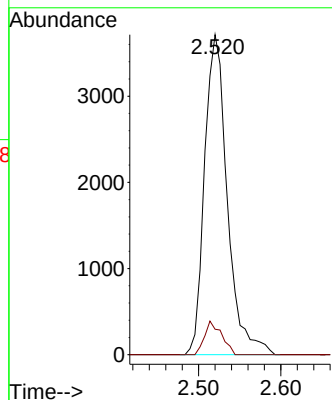
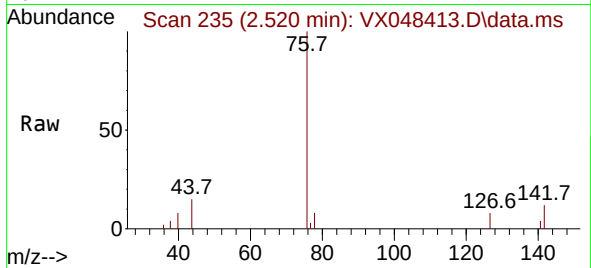




#17
Carbon Disulfide
Concen: 2.267 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

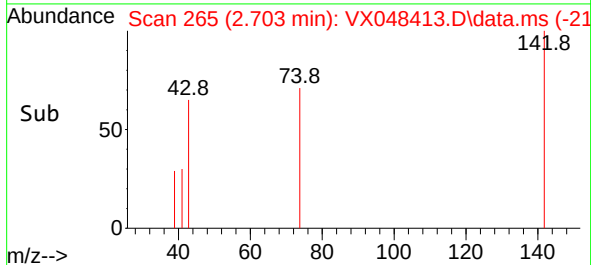
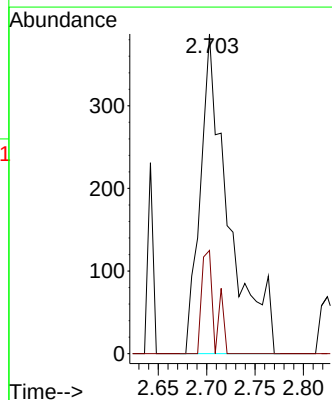
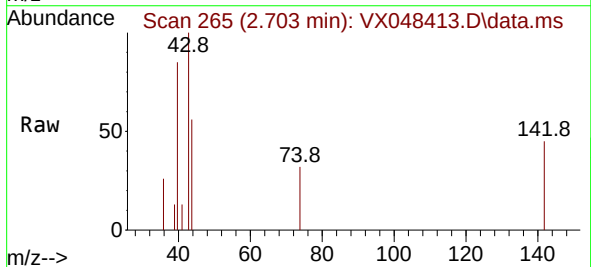
Instrument :
MSVOA_X
ClientSampleId :
IBLK

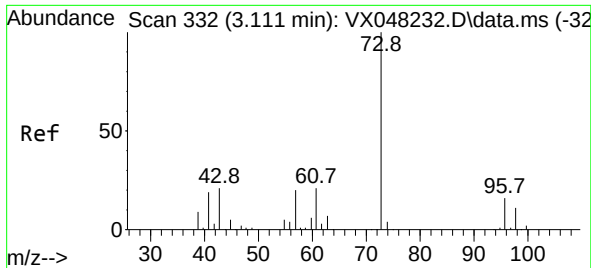
Tgt Ion: 76 Resp: 7137
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#18
Methyl Acetate
Concen: 0.769 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
74 14.8 17.5 26.3#

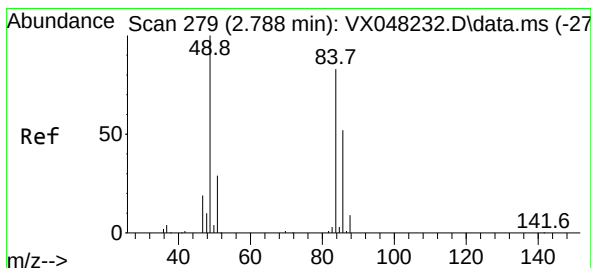
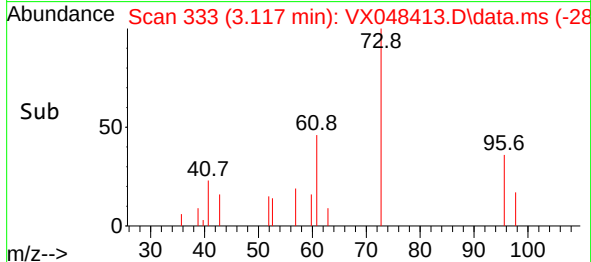
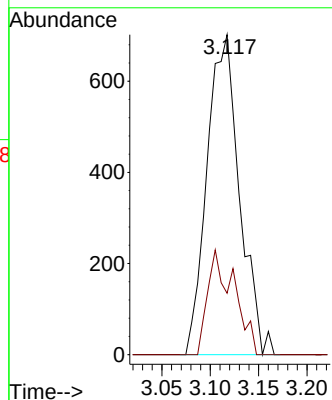
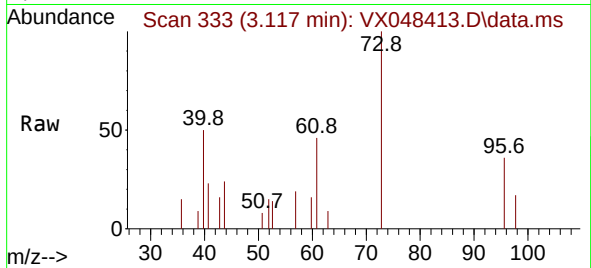




#19
Methyl tert-butyl Ether
Concen: 0.467 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

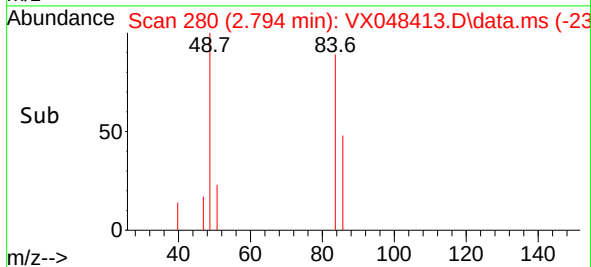
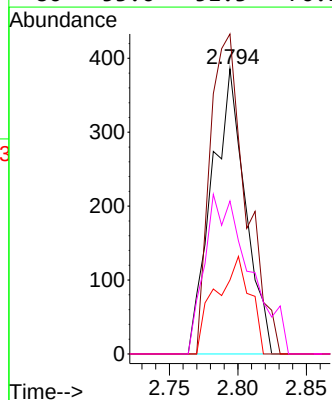
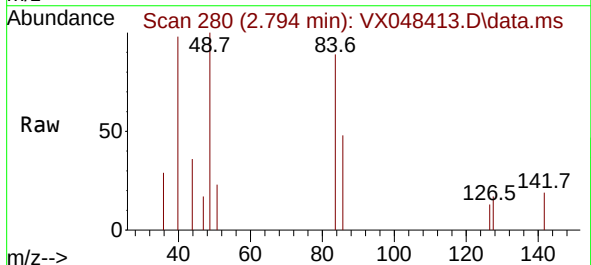
Instrument :
MSVOA_X
ClientSampleId :
IBLK

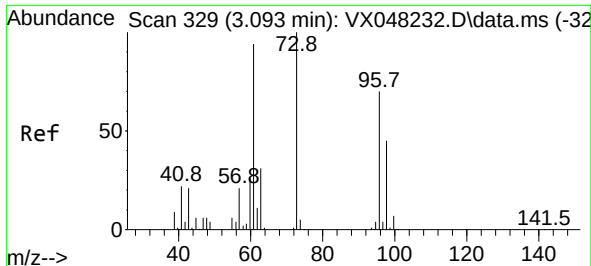
Tgt Ion: 73 Resp: 1643
Ion Ratio Lower Upper
73 100
57 19.2 17.7 26.5



#20
Methylene Chloride
Concen: 0.554 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 84 Resp: 657
Ion Ratio Lower Upper
84 100
49 112.2 104.1 156.1
51 25.9 31.3 46.9#
86 53.6 51.3 76.9

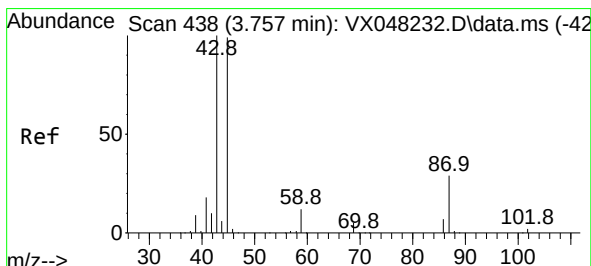
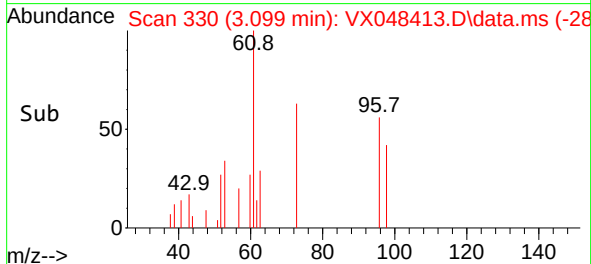
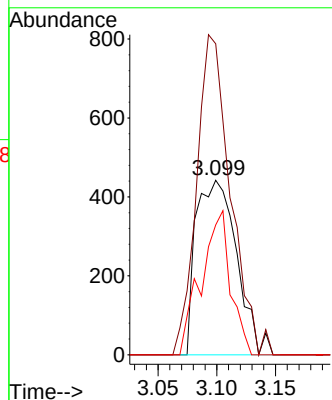
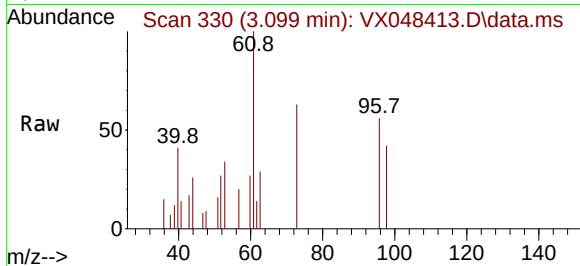




#21
trans-1,2-Dichloroethene
Concen: 0.911 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

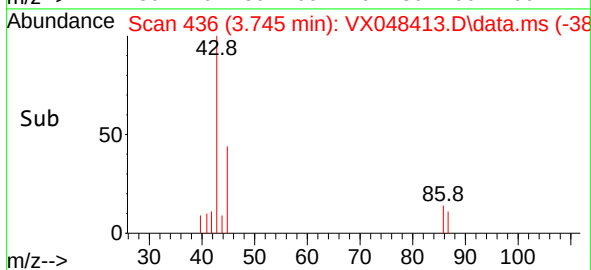
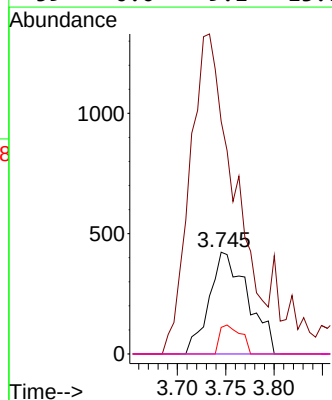
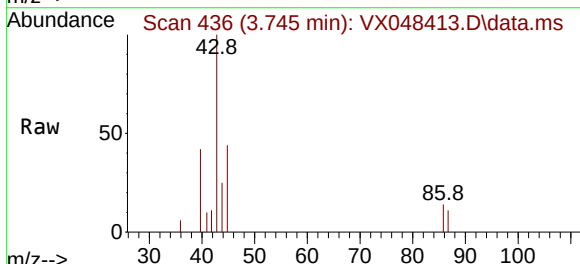
Instrument :
MSVOA_X
ClientSampleId :
IBLK

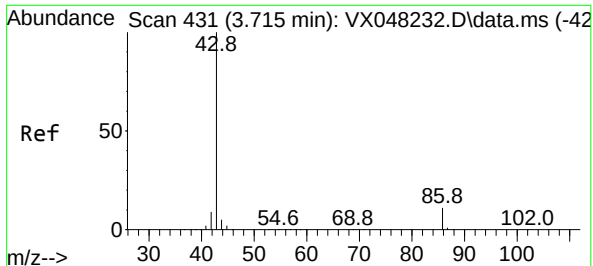
Tgt Ion: 96 Resp: 1063
Ion Ratio Lower Upper
96 100
61 178.3 111.9 167.9#
98 74.4 51.2 76.8



#22
Diisopropyl ether
Concen: 0.310 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 45 Resp: 1179
Ion Ratio Lower Upper
45 100
43 196.5 89.8 134.8#
87 26.0 20.6 31.0
59 0.0 9.1 13.7#

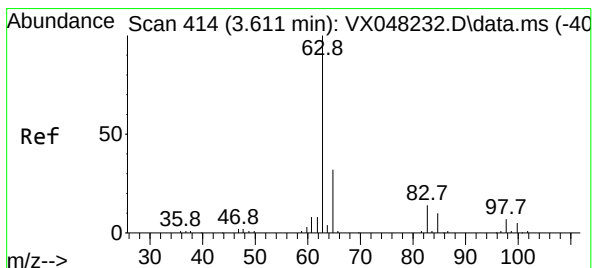
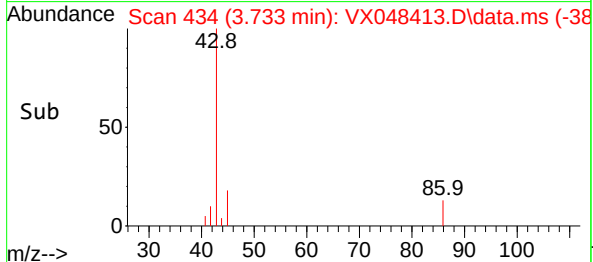
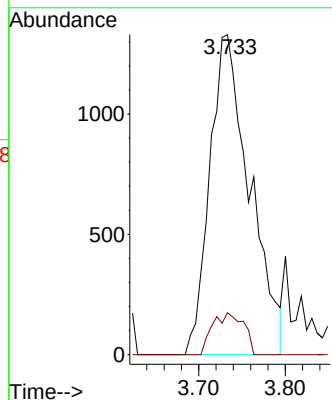
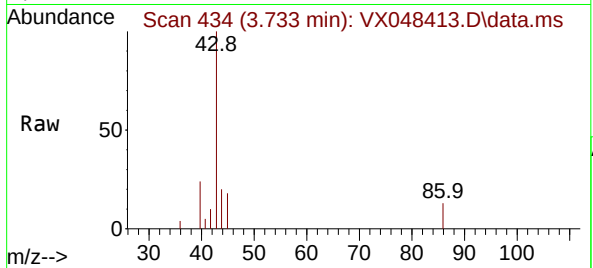




#23
 Vinyl Acetate
 Concen: 1.644 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX048413.D
 Acq: 29 Oct 2025 13:24

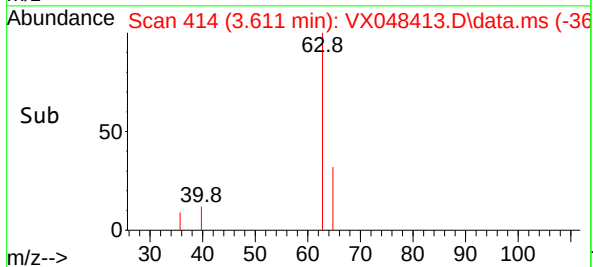
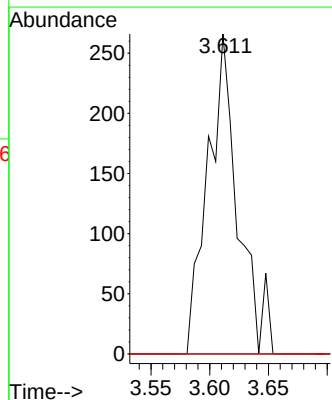
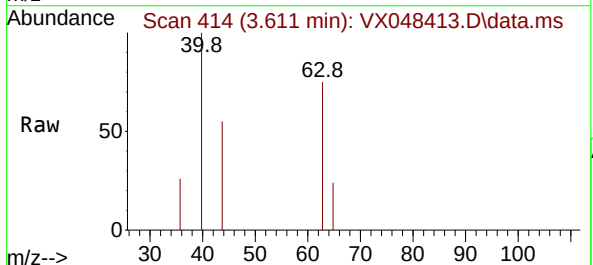
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

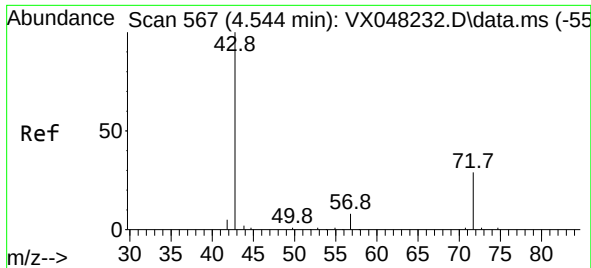
Tgt Ion: 43 Resp: 4260
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.9 11.9#



#24
 1,1-Dichloroethane
 Concen: 0.220 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048413.D
 Acq: 29 Oct 2025 13:24

Tgt Ion: 63 Resp: 476
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.6#
 100 0.0 2.1 6.3#

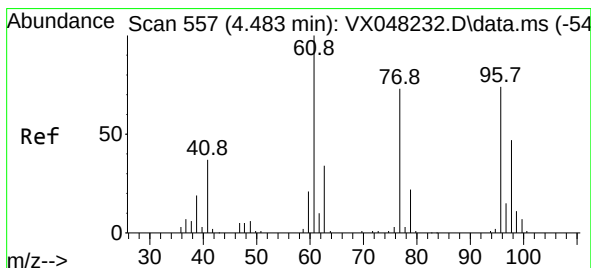
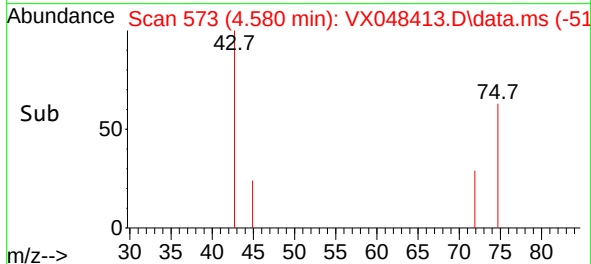
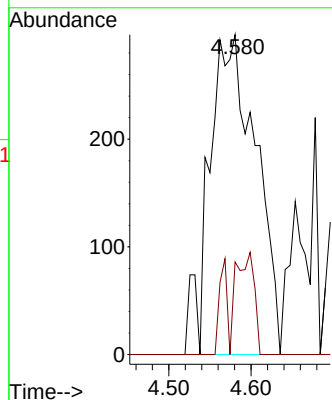
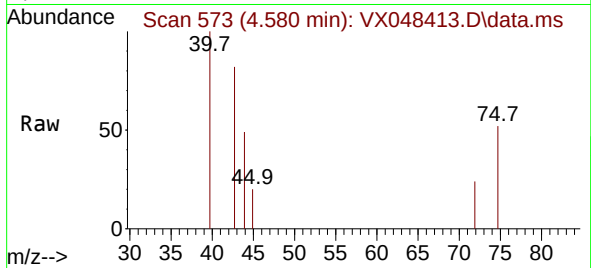




#25
2-Butanone
Concen: 2.394 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

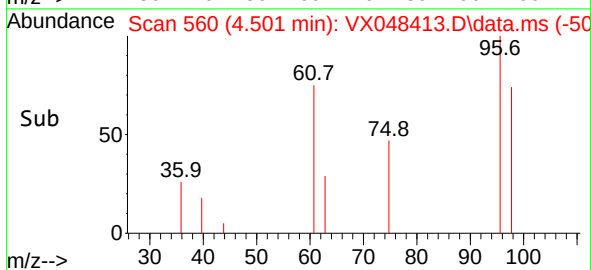
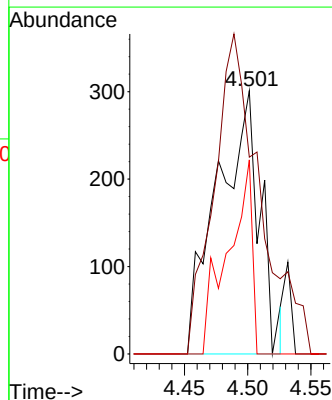
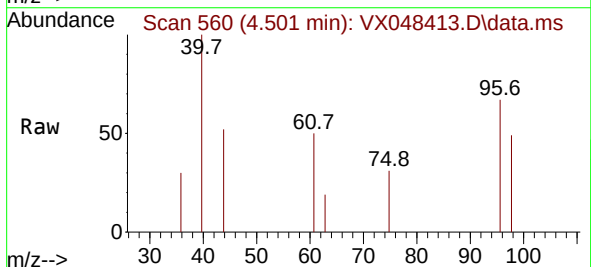
Instrument :
MSVOA_X
ClientSampleId :
IBLK

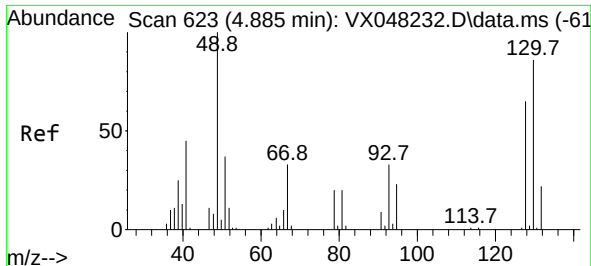
Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
72 29.0 19.9 29.9



#27
cis-1,2-Dichloroethene
Concen: 0.505 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.025 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 96 Resp: 703
Ion Ratio Lower Upper
96 100
61 132.9 0.0 294.2
98 41.8 0.0 128.4

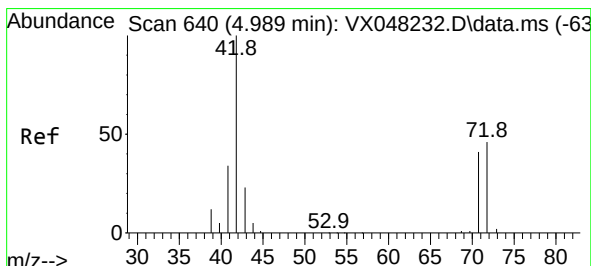
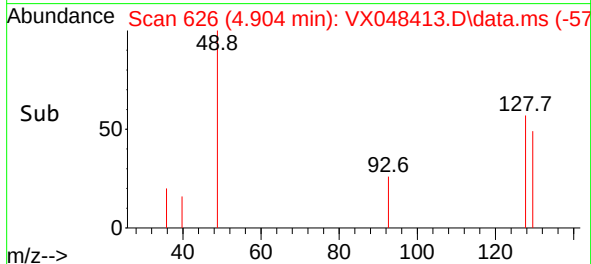
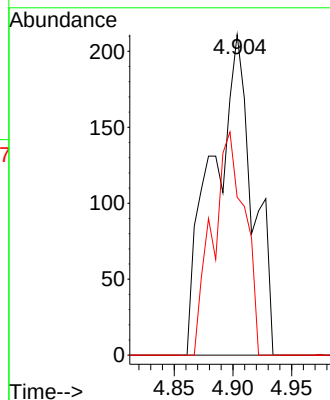
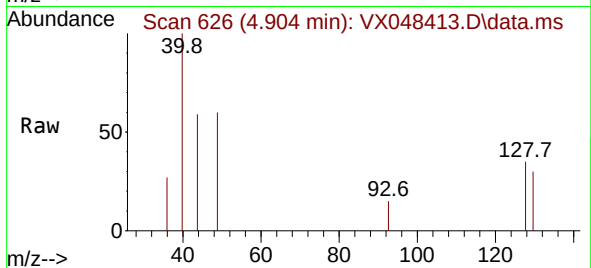




#28
Bromochloromethane
Concen: 0.519 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

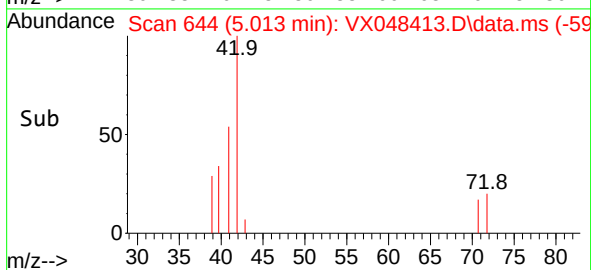
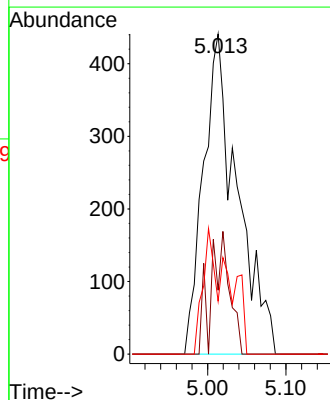
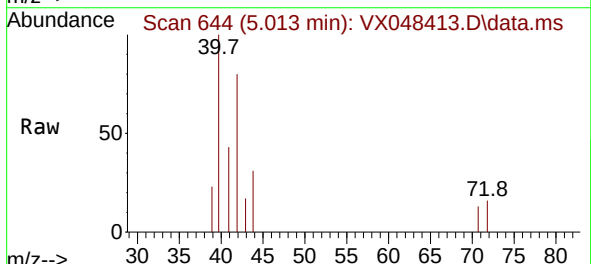
Instrument :
MSVOA_X
ClientSampleId :
IBLK

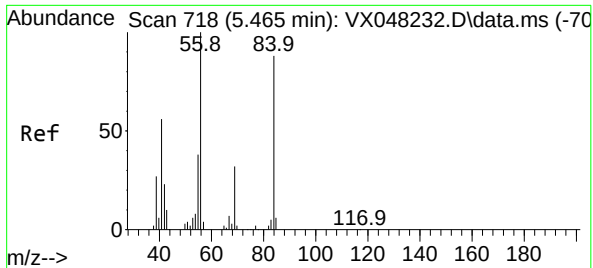
Tgt Ion: 49 Resp: 508
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 54.9 59.3 88.9#



#29
Tetrahydrofuran
Concen: 3.785 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.025 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 42 Resp: 1324
Ion Ratio Lower Upper
42 100
72 20.9 35.3 52.9#
71 14.8 32.2 48.4#

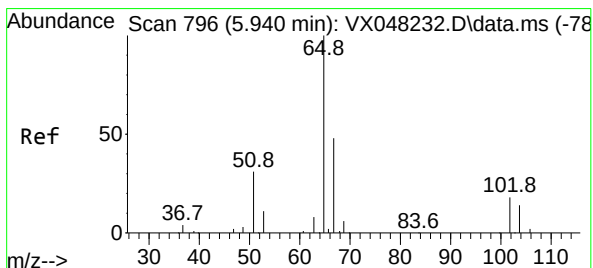
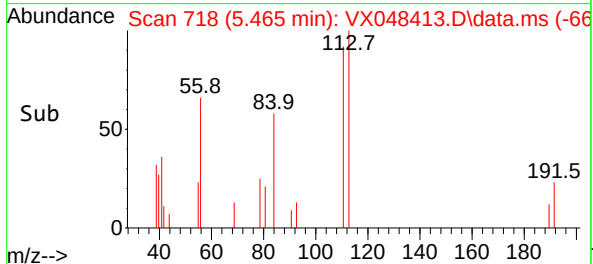
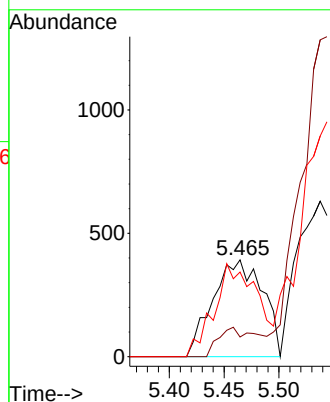
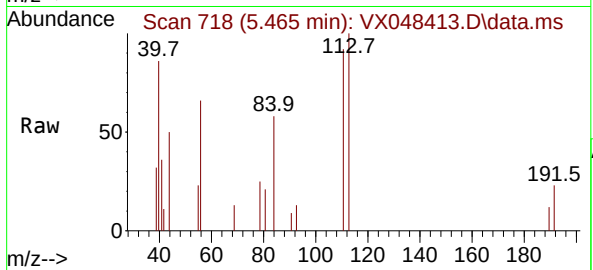




#31
Cyclohexane
Concen: 0.660 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

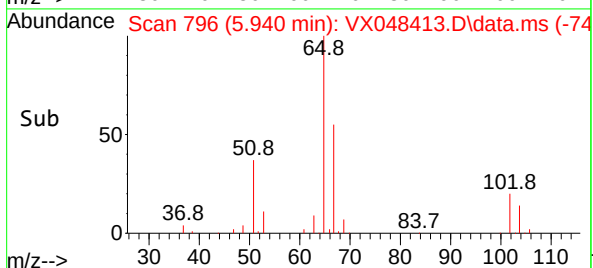
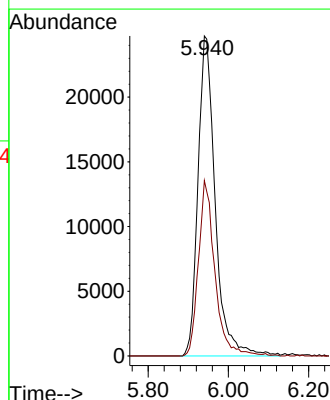
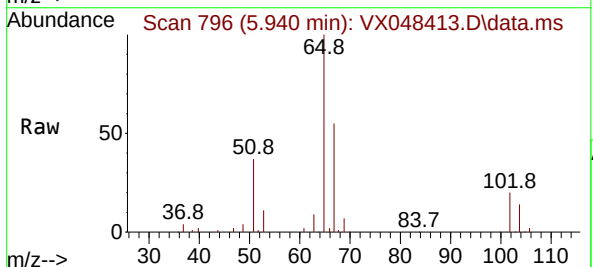
Instrument :
MSVOA_X
ClientSampleId :
IBLK

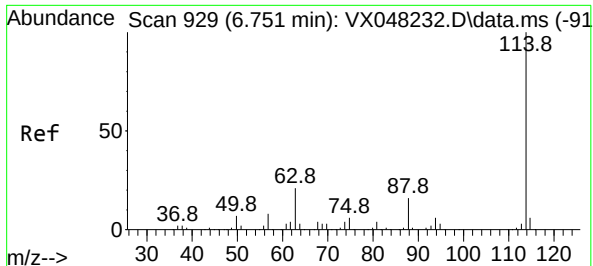
Tgt Ion: 56 Resp: 1238
Ion Ratio Lower Upper
56 100
69 20.4 23.0 34.6#
84 87.5 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 54.407 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 65 Resp: 73818
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

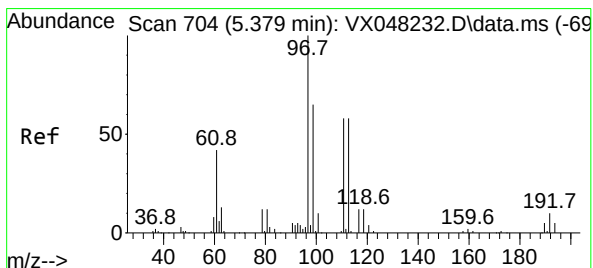
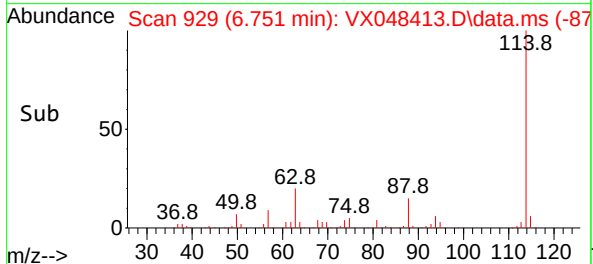
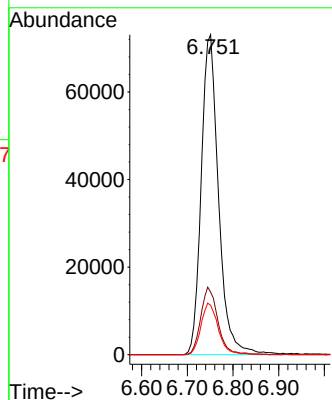
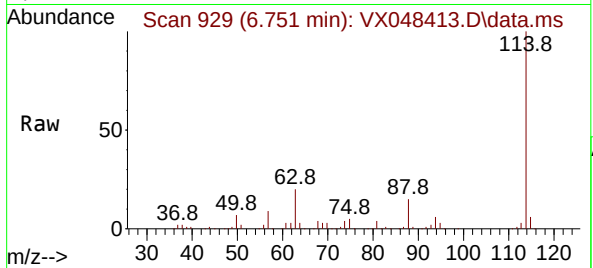




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

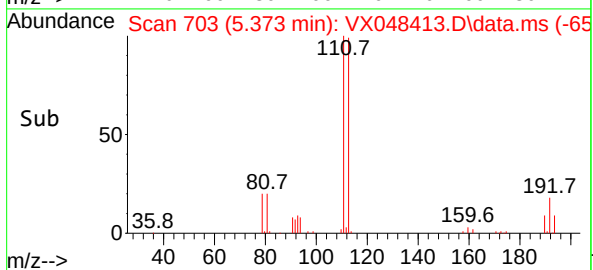
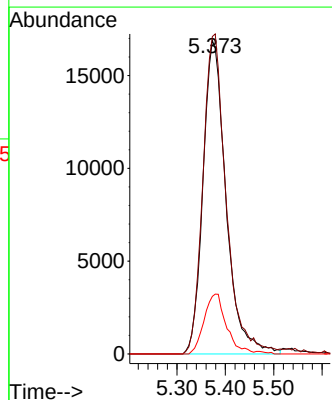
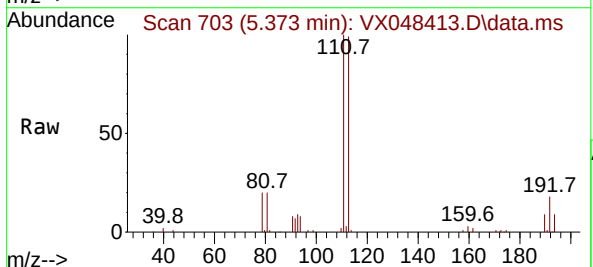
Instrument :
MSVOA_X
ClientSampleId :
IBLK

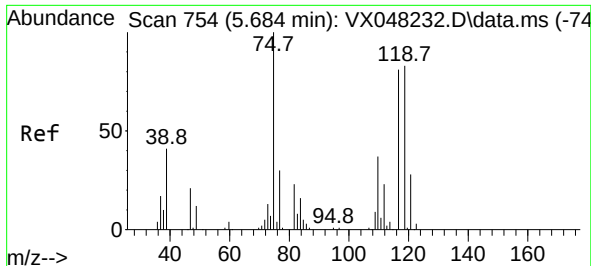
Tgt Ion:114 Resp: 191674
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.173 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:113 Resp: 55922
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 0.745 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

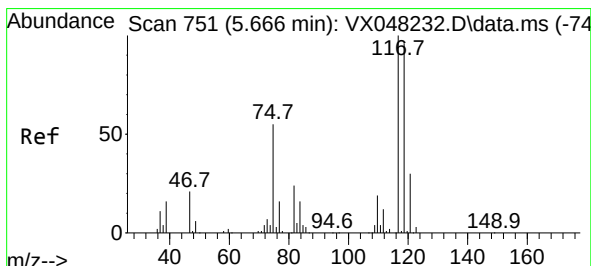
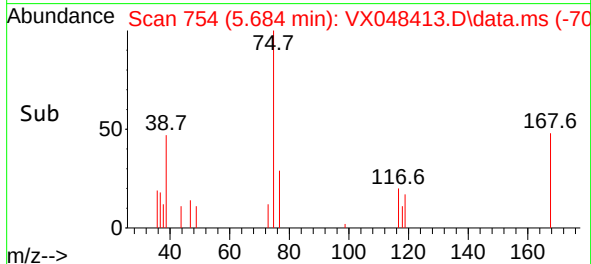
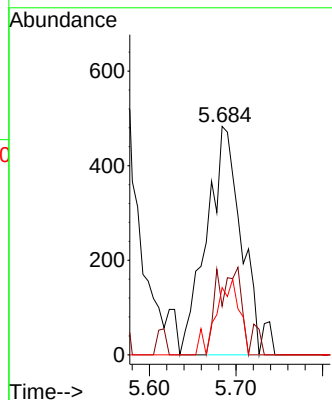
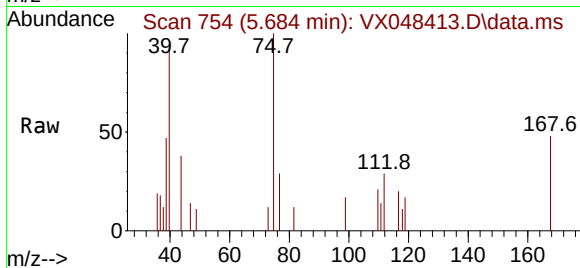
Tgt Ion: 75 Resp: 1367

Ion Ratio Lower Upper

75 100

110 25.1 17.7 53.1

77 21.7 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 0.291 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

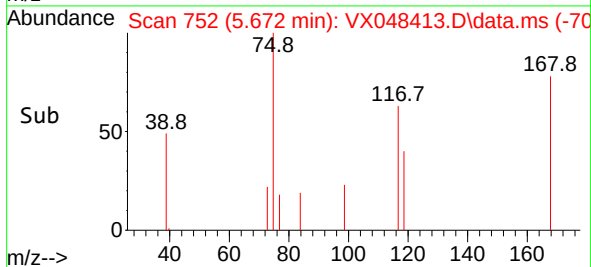
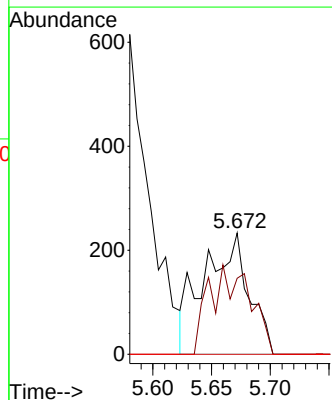
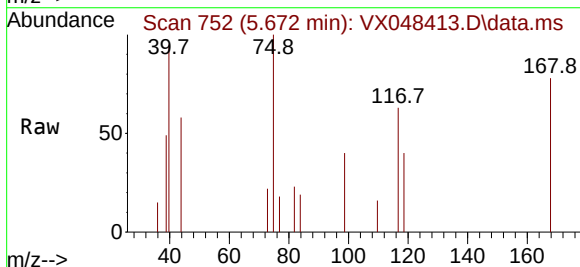
Tgt Ion: 117 Resp: 617

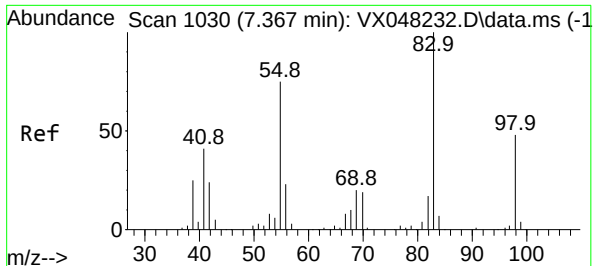
Ion Ratio Lower Upper

117 100

119 62.7 77.2 115.8#

121 0.0 24.8 37.2#

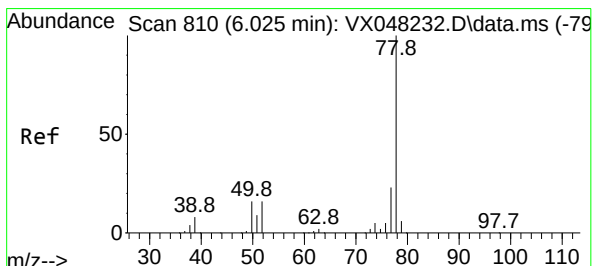
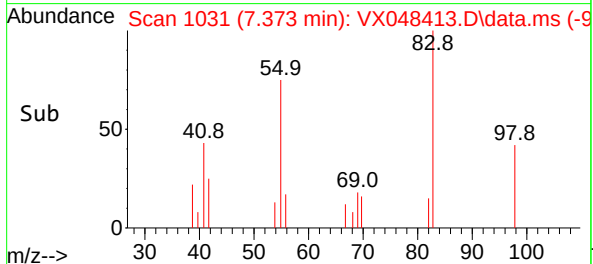
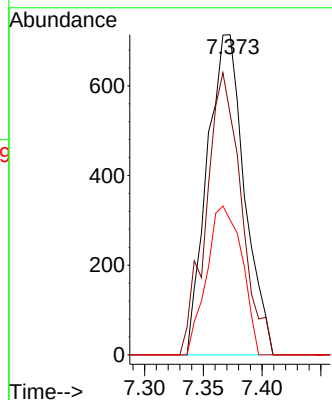
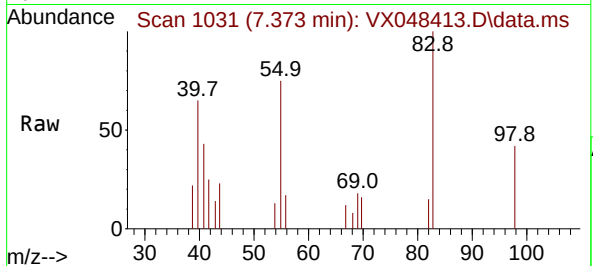




#39
Methylcyclohexane
Concen: 0.668 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

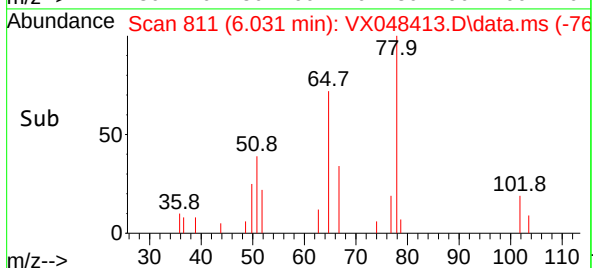
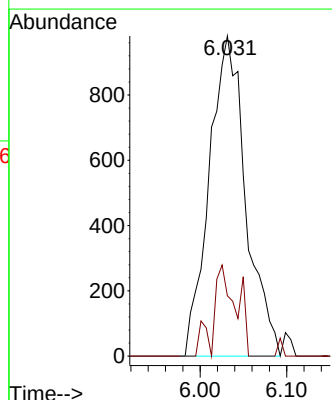
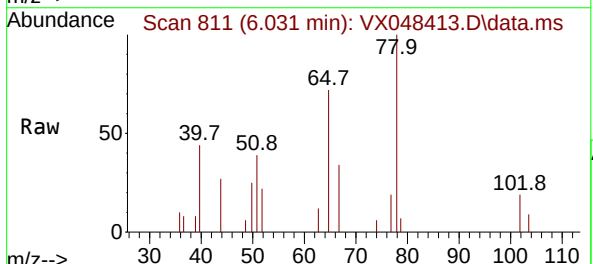
Instrument :
MSVOA_X
ClientSampleId :
IBLK

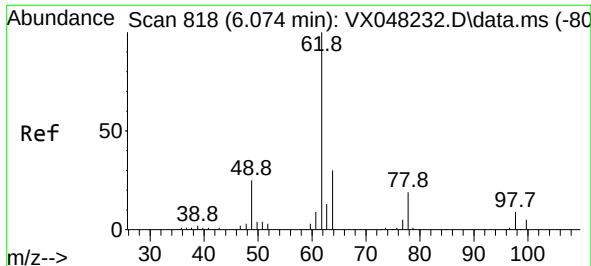
Tgt Ion: 83 Resp: 1576
Ion Ratio Lower Upper
83 100
55 75.2 66.2 99.2
98 42.2 38.9 58.3



#40
Benzene
Concen: 0.513 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 78 Resp: 2875
Ion Ratio Lower Upper
78 100
77 17.7 19.3 28.9#





#42

1,2-Dichloroethane

Concen: 0.328 ug/l

RT: 6.086 min Scan# 818

Delta R.T. 0.012 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

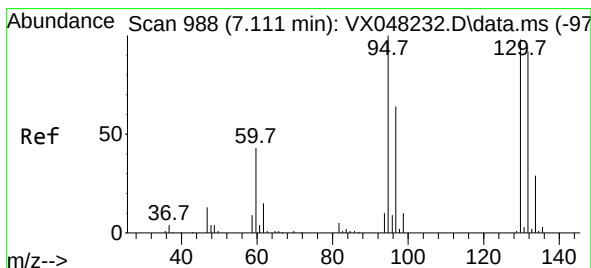
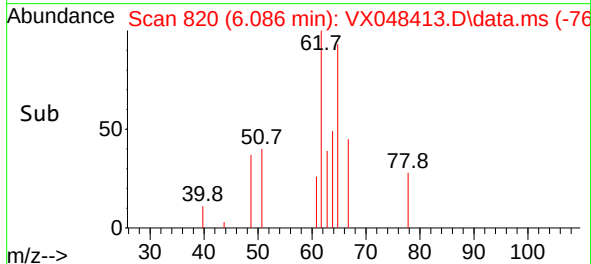
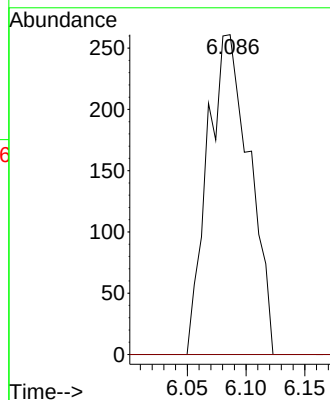
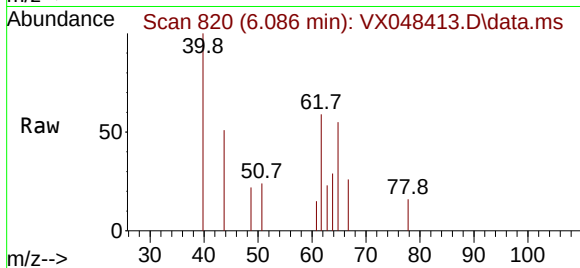
IBLK

Tgt Ion: 62 Resp: 648

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.2



#44

Trichloroethene

Concen: 0.579 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.012 min

Lab File: VX048413.D

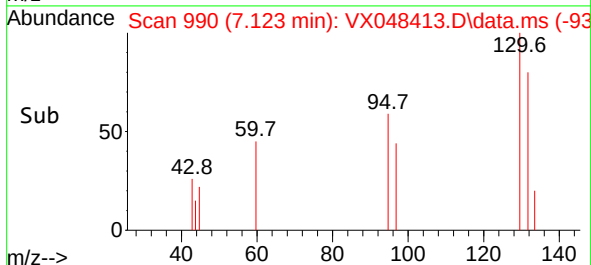
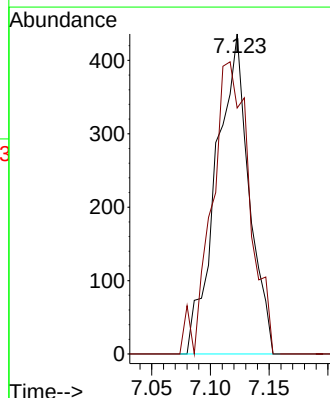
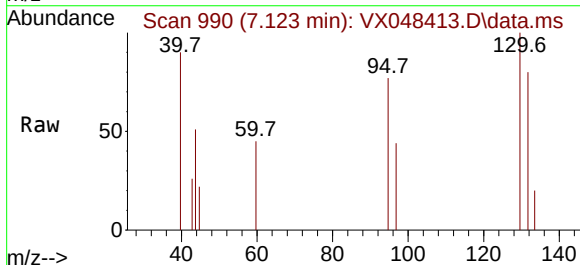
Acq: 29 Oct 2025 13:24

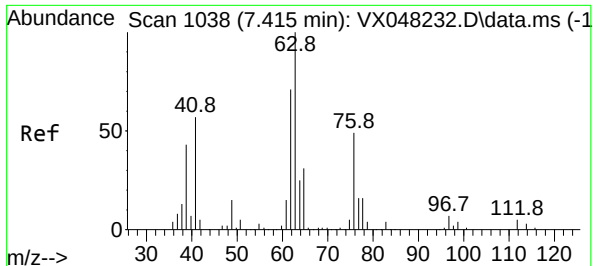
Tgt Ion:130 Resp: 850

Ion Ratio Lower Upper

130 100

95 76.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 0.203 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

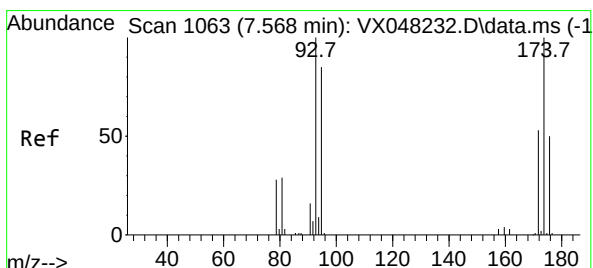
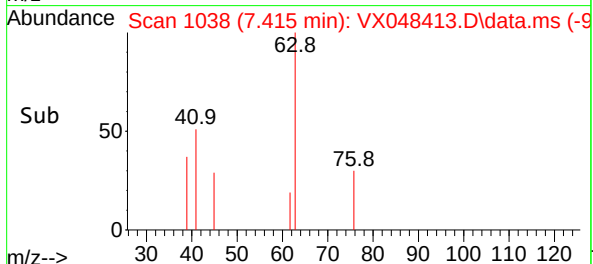
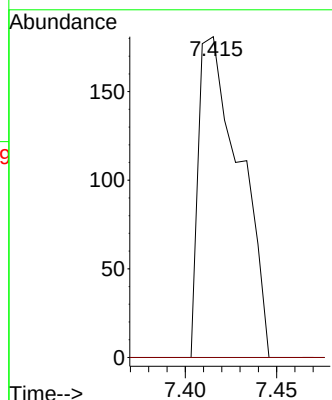
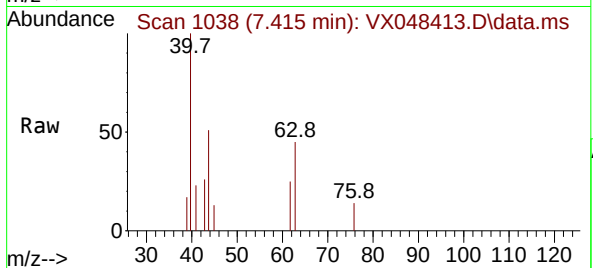
IBLK

Tgt Ion: 63 Resp: 284

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#46

Dibromomethane

Concen: 0.391 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

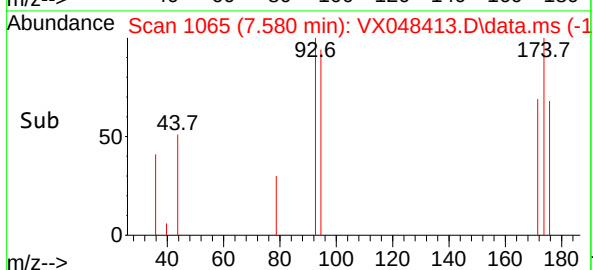
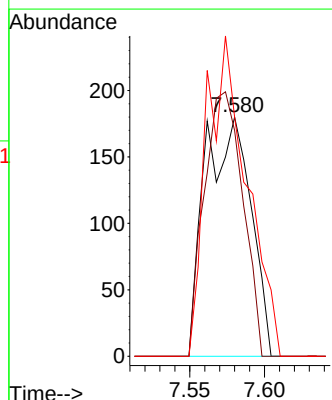
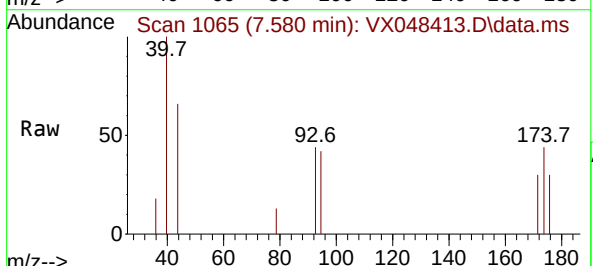
Tgt Ion: 93 Resp: 383

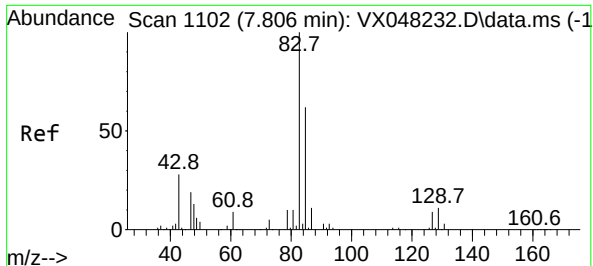
Ion Ratio Lower Upper

93 100

95 93.0 65.9 98.9

174 118.3 71.7 107.5#





#47

Bromodichloromethane

Concen: 0.205 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

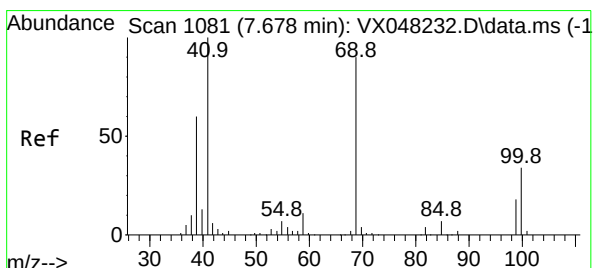
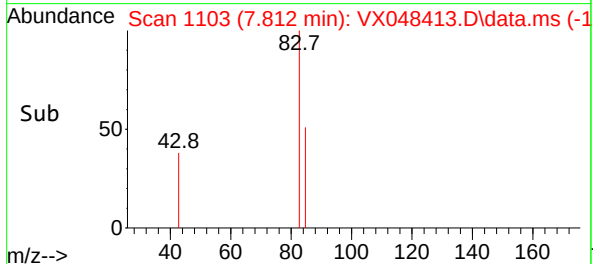
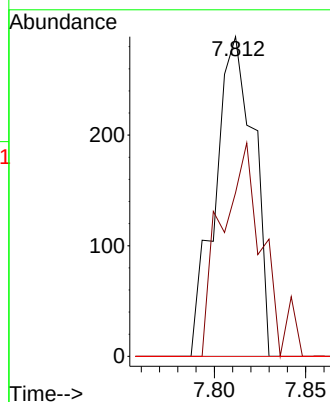
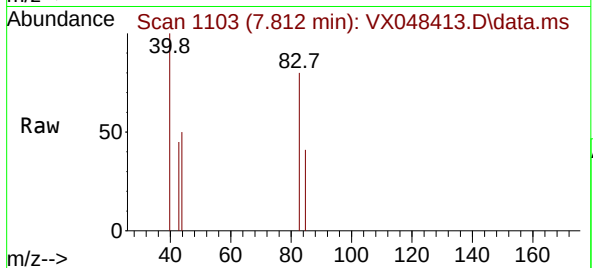
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	83	Resp:	426
Ion	Ratio	Lower	Upper
83	100		
85	51.2	52.2	78.4#
127	0.0	7.3	10.9#



#48

Methyl methacrylate

Concen: 0.277 ug/l

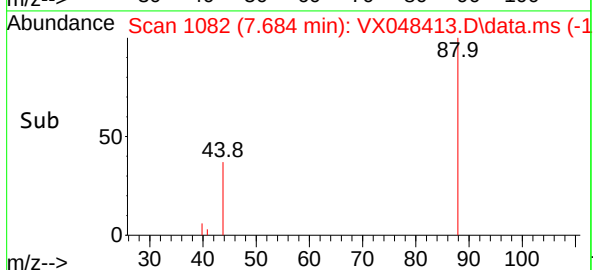
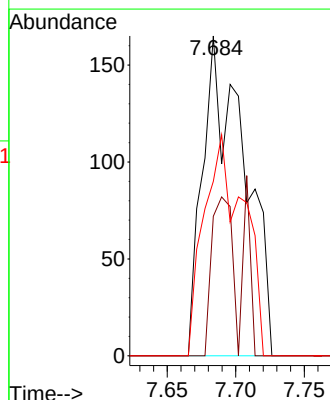
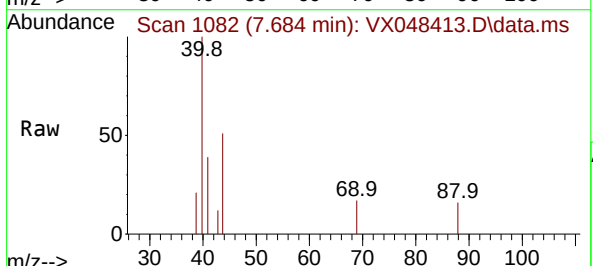
RT: 7.684 min Scan# 1082

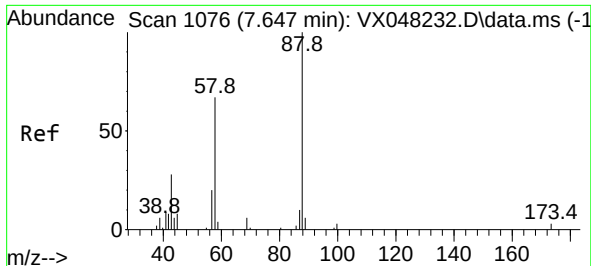
Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Tgt Ion:	41	Resp:	349
Ion	Ratio	Lower	Upper
41	100		
69	24.1	63.4	95.0#
39	65.6	47.1	70.7





#49

1,4-Dioxane

Concen: 8.177 ug/l

RT: 7.653 min Scan# 1076

Delta R.T. 0.012 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

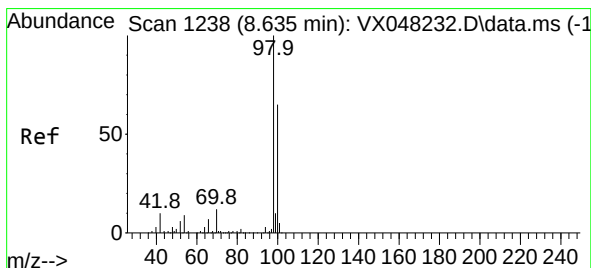
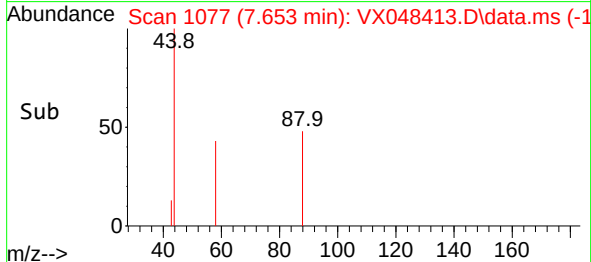
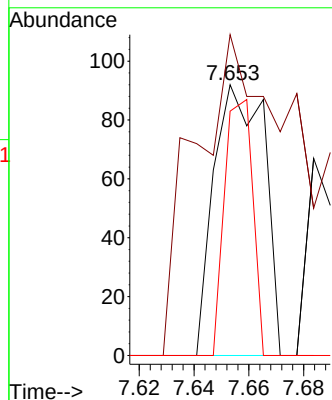
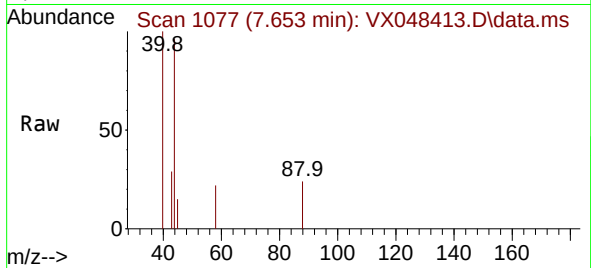
Tgt Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

43 266.7 35.0 52.4#

58 53.0 61.9 92.9#



#50

Toluene-d8

Concen: 49.479 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048413.D

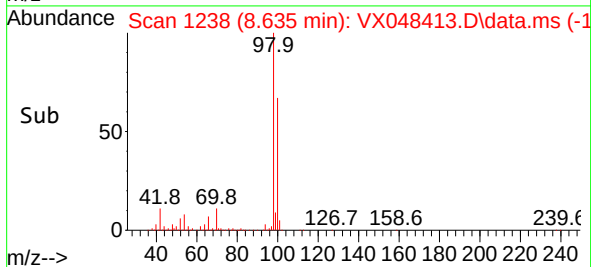
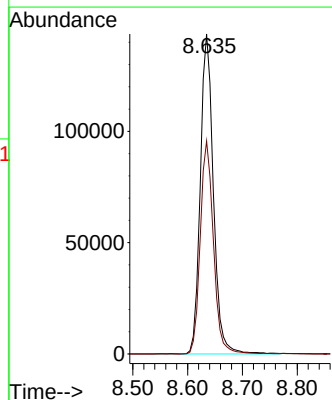
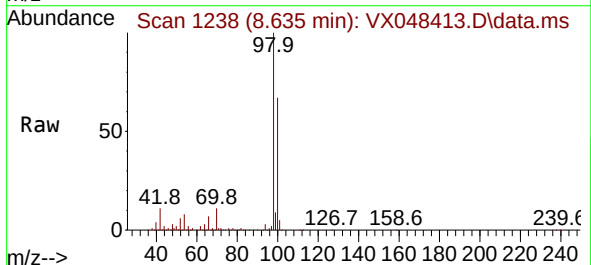
Acq: 29 Oct 2025 13:24

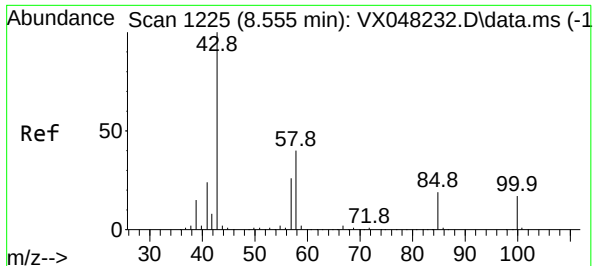
Tgt Ion: 98 Resp: 238683

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 1.479 ug/l

RT: 8.562 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

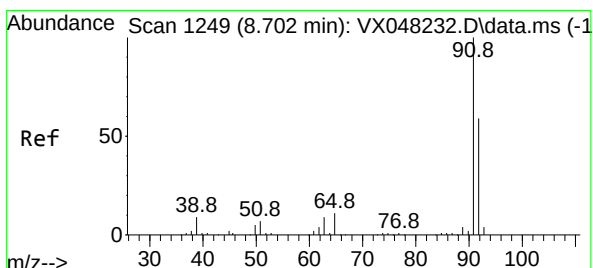
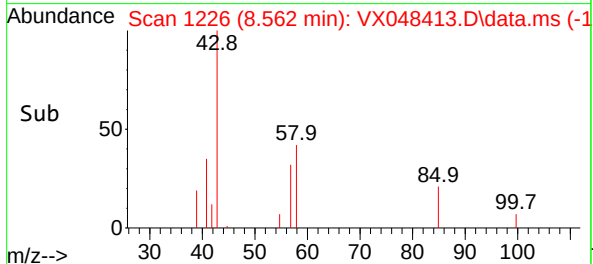
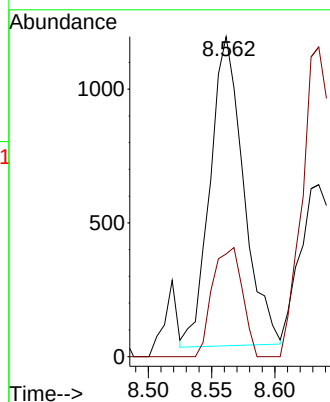
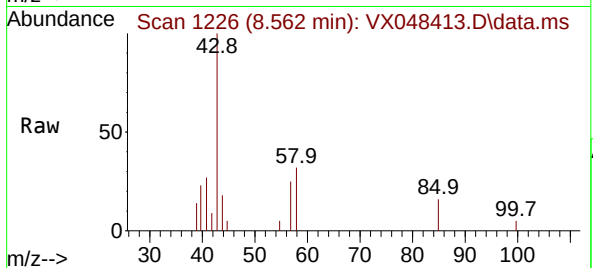
IBLK

Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

43 100

58 31.4 29.5 44.3



#52

Toluene

Concen: 0.410 ug/l

RT: 8.708 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VX048413.D

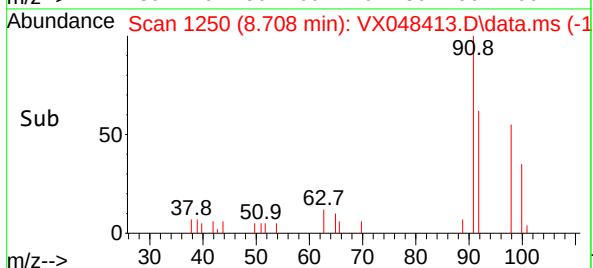
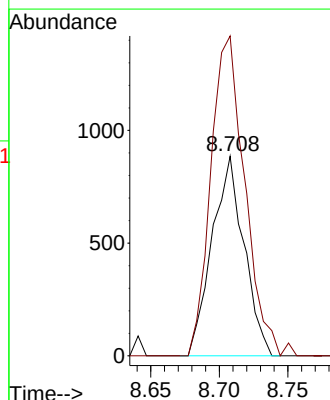
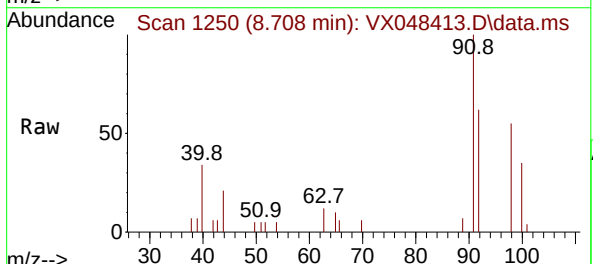
Acq: 29 Oct 2025 13:24

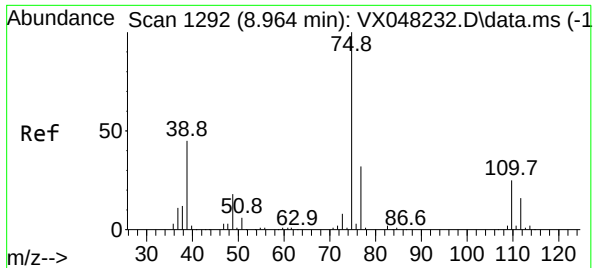
Tgt Ion: 92 Resp: 1435

Ion Ratio Lower Upper

92 100

91 171.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 0.585 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

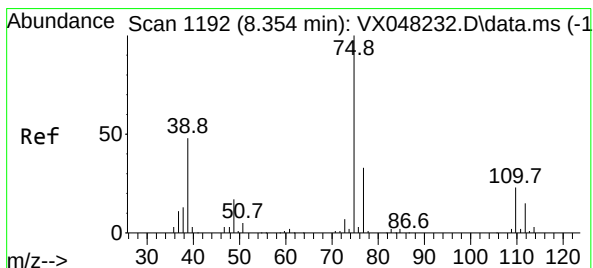
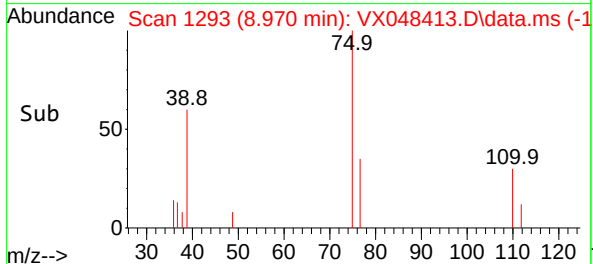
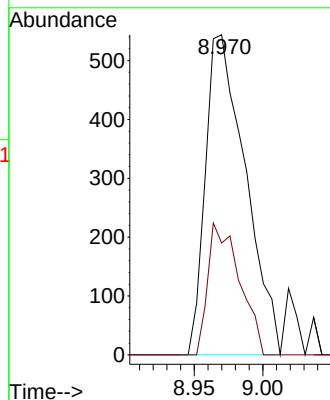
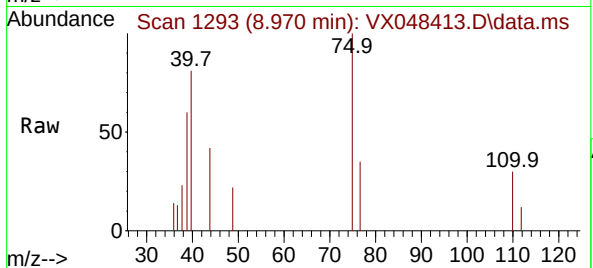
IBLK

Tgt Ion: 75 Resp: 1104

Ion Ratio Lower Upper

75 100

77 34.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.433 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

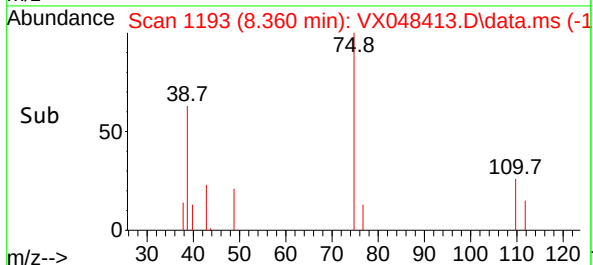
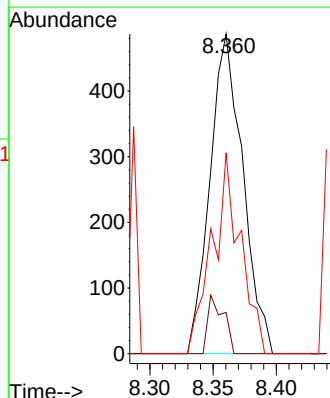
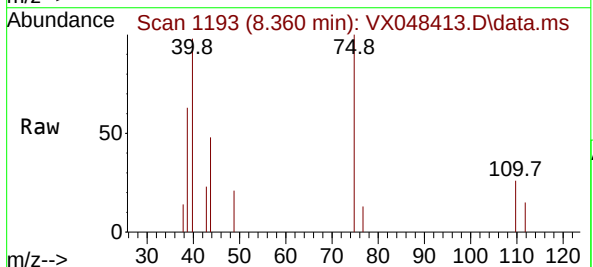
Tgt Ion: 75 Resp: 880

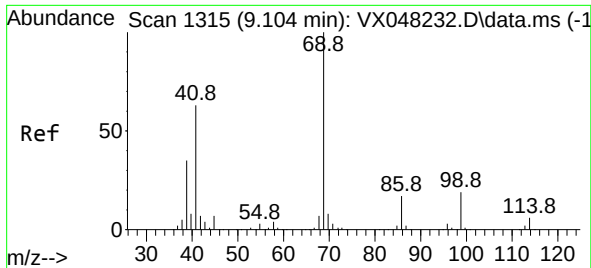
Ion Ratio Lower Upper

75 100

77 12.9 24.9 37.3#

39 62.8 42.6 64.0

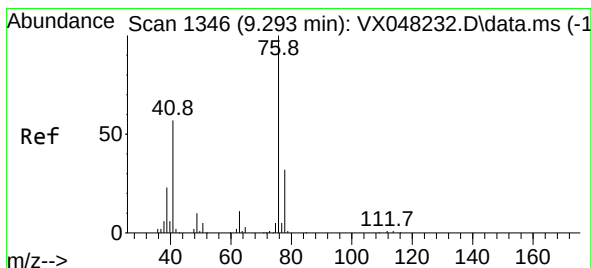
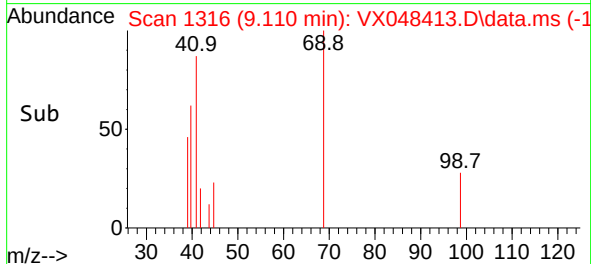
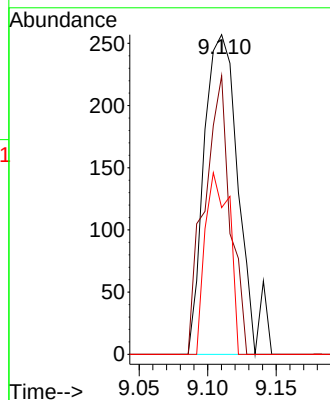
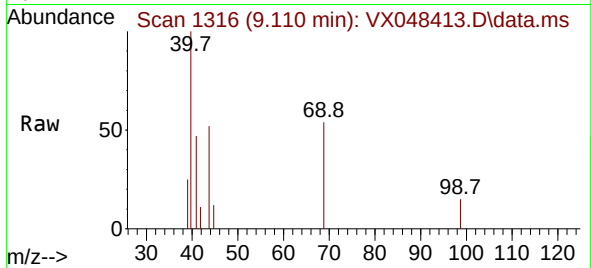




#56
Ethyl methacrylate
Concen: 0.243 ug/l
RT: 9.110 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

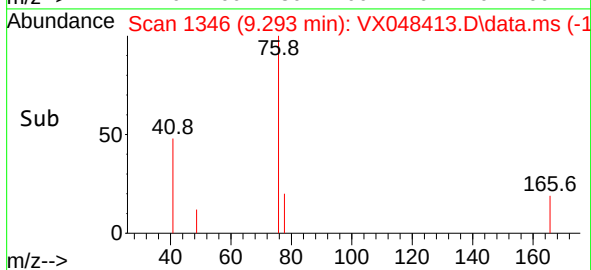
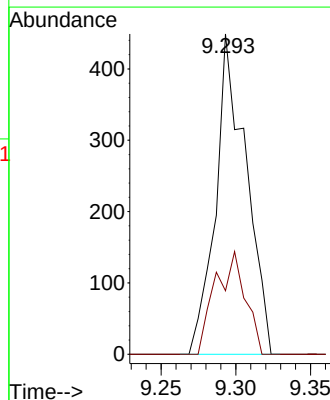
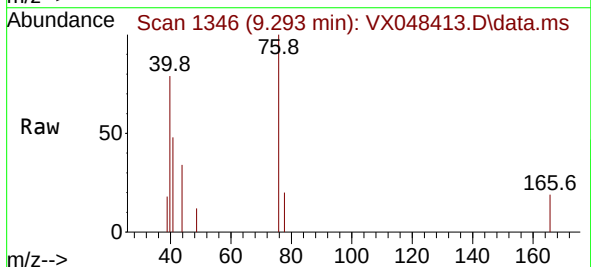
Instrument :
MSVOA_X
ClientSampleId :
IBLK

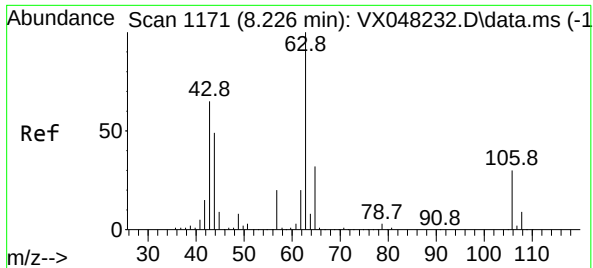
Tgt Ion: 69 Resp: 452
Ion Ratio Lower Upper
69 100
41 64.8 56.0 84.0
39 39.8 31.6 47.4



#57
1,3-Dichloropropane
Concen: 0.288 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 76 Resp: 634
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.0

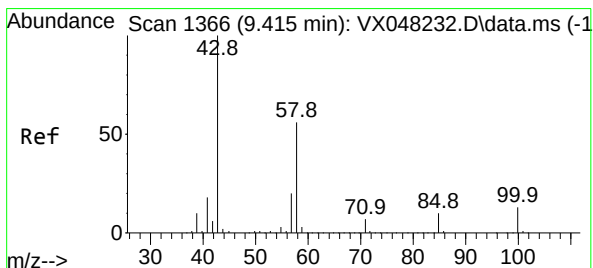
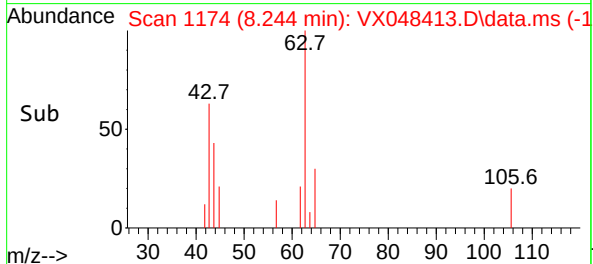
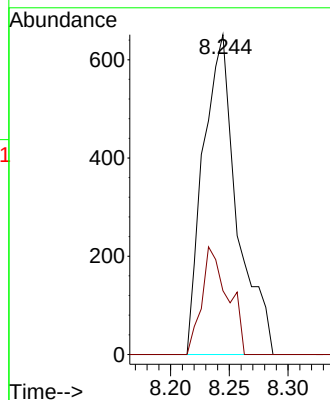
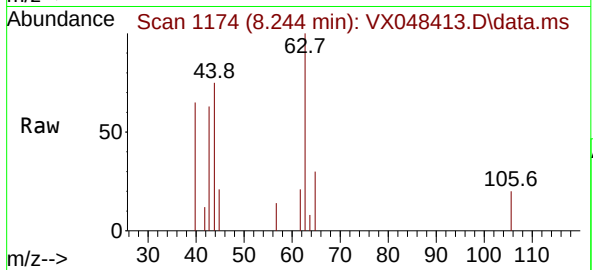




#58
2-Chloroethyl Vinyl ether
Concen: 10.425 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.018 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

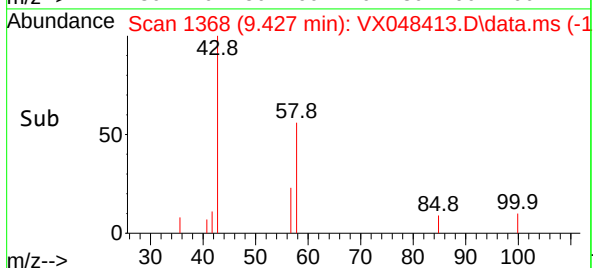
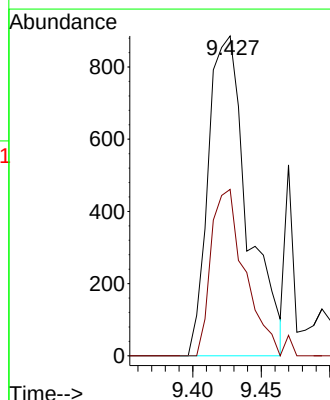
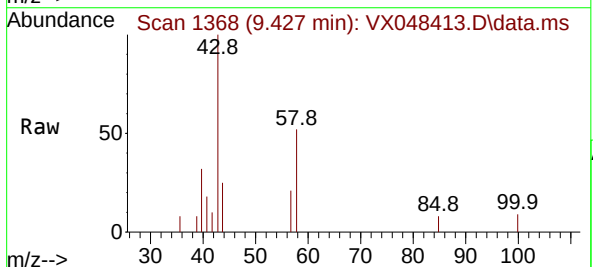
Instrument :
MSVOA_X
ClientSampleId :
IBLK

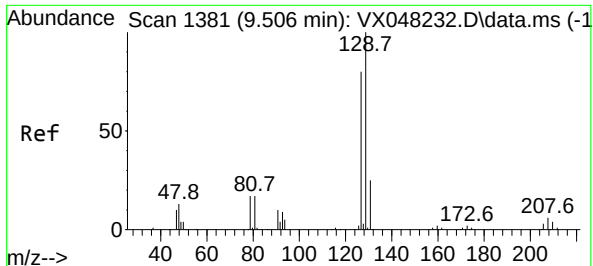
Tgt Ion: 63 Resp: 1298
Ion Ratio Lower Upper
63 100
106 26.0 22.2 33.2



#59
2-Hexanone
Concen: 1.894 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 45.6 26.3 78.8

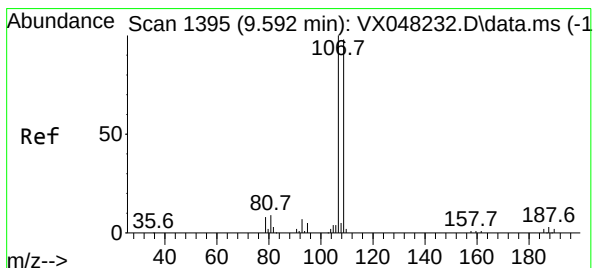
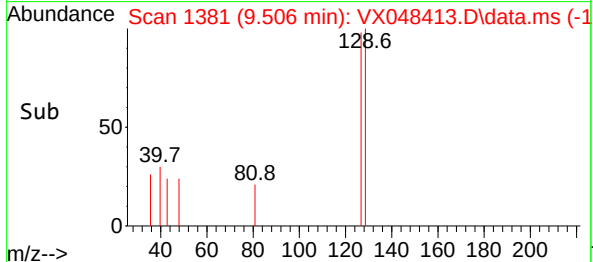
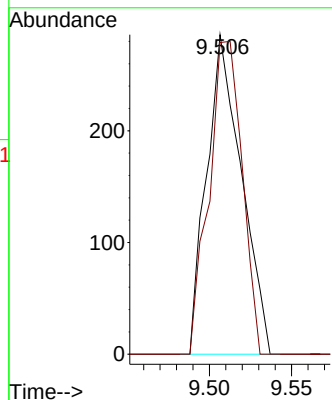
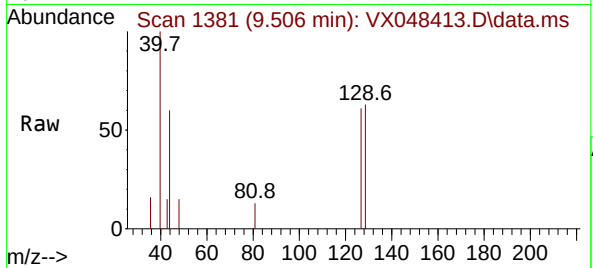




#60
Dibromochloromethane
Concen: 0.269 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

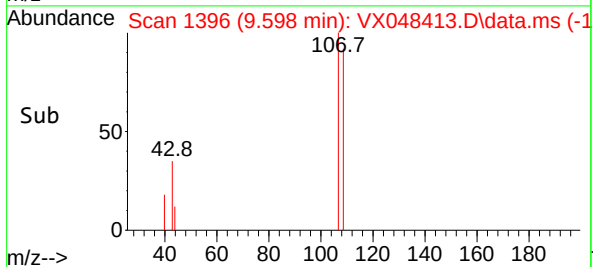
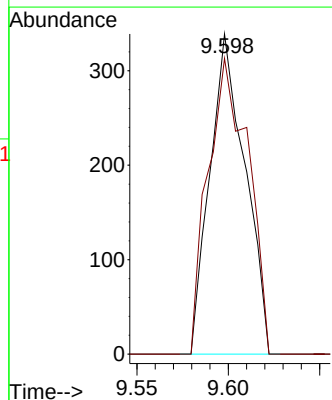
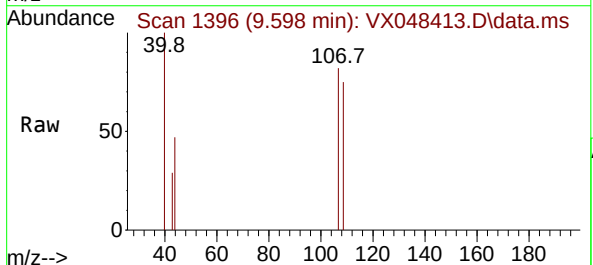
Instrument :
MSVOA_X
ClientSampleId :
IBLK

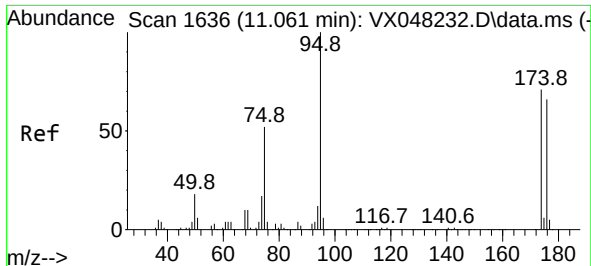
Tgt Ion:129 Resp: 421
Ion Ratio Lower Upper
129 100
127 93.1 38.6 115.7



#61
1,2-Dibromoethane
Concen: 0.346 ug/l
RT: 9.598 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:107 Resp: 454
Ion Ratio Lower Upper
107 100
109 105.5 77.0 115.4





#62

4-Bromofluorobenzene

Concen: 56.479 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

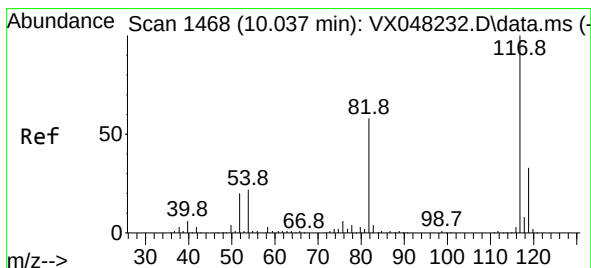
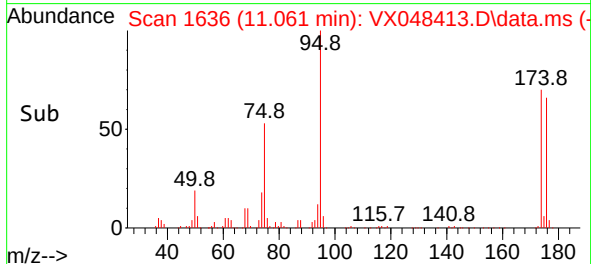
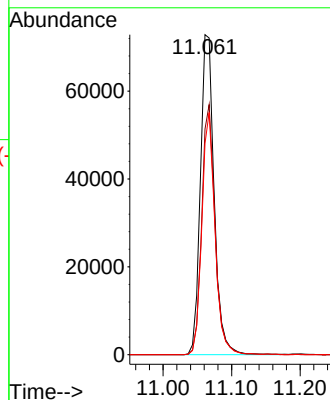
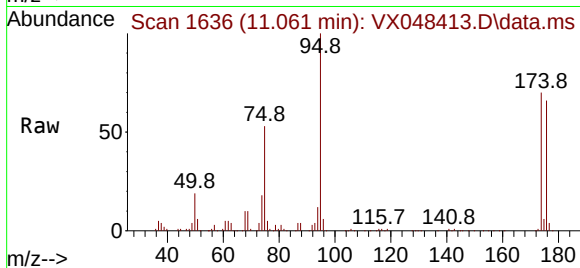
Tgt Ion: 95 Resp: 101919

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.8

176 72.3 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

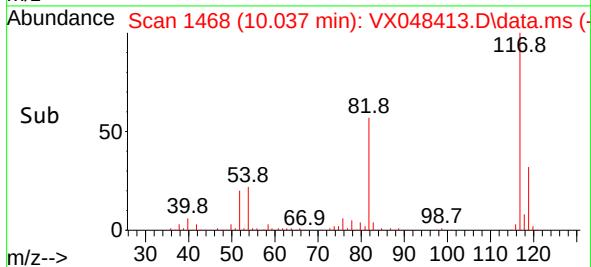
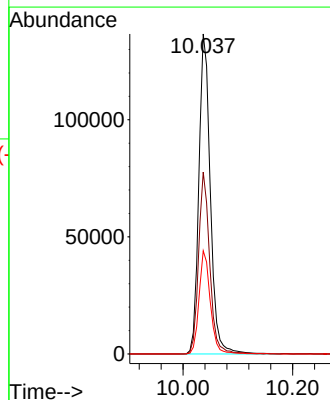
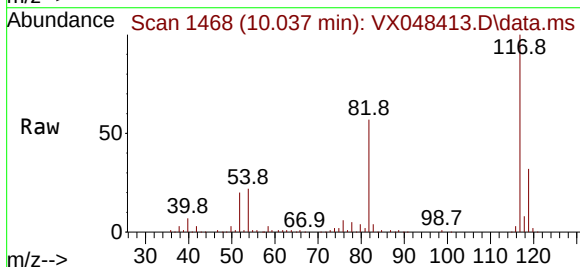
Tgt Ion: 117 Resp: 199554

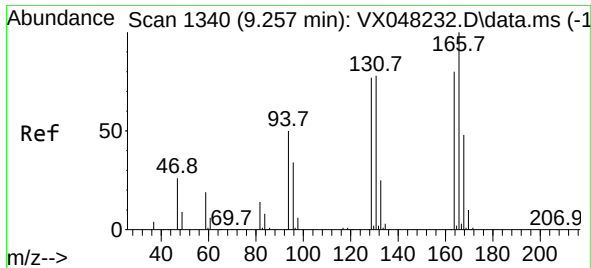
Ion Ratio Lower Upper

117 100

82 56.8 46.5 69.7

119 32.2 25.9 38.9

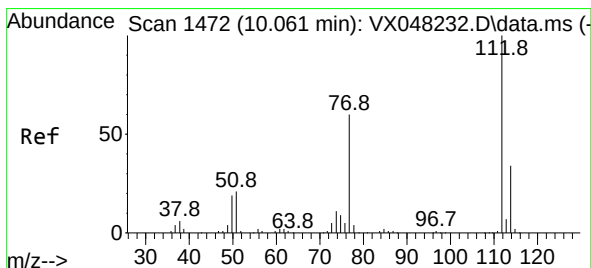
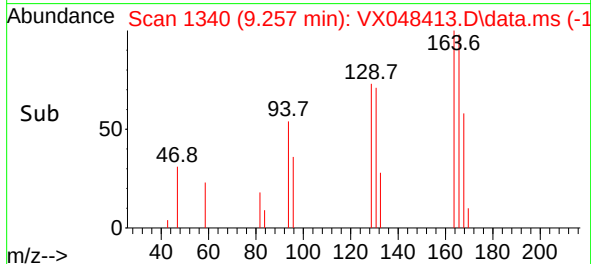
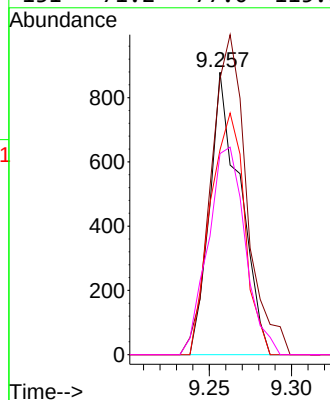
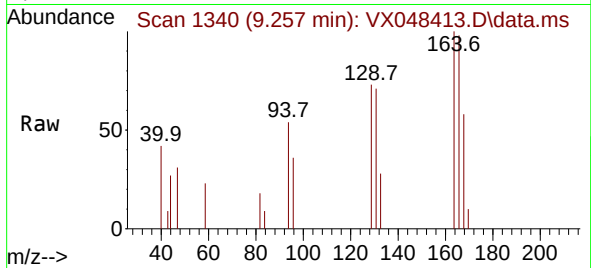




#64
Tetrachloroethene
Concen: 0.701 ug/l
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

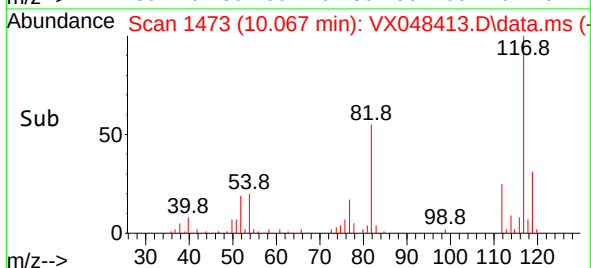
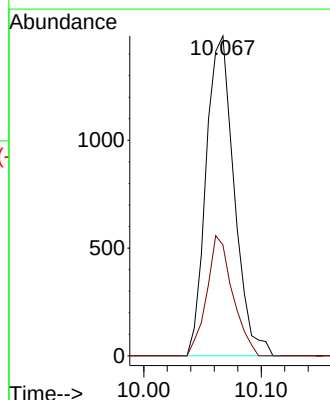
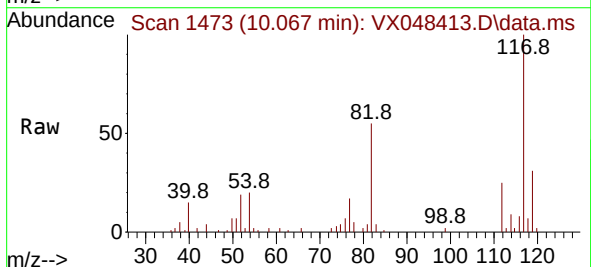
Instrument :
MSVOA_X
ClientSampleId :
IBLK

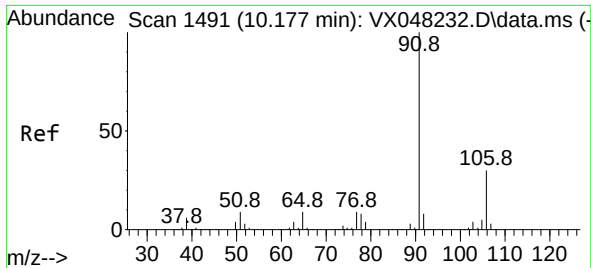
Tgt Ion:164 Resp: 1127
Ion Ratio Lower Upper
164 100
166 97.7 104.5 156.7#
129 72.6 81.8 122.6#
131 71.2 77.0 115.6#



#65
Chlorobenzene
Concen: 0.537 ug/l
RT: 10.067 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:112 Resp: 2468
Ion Ratio Lower Upper
112 100
114 34.7 26.2 39.2

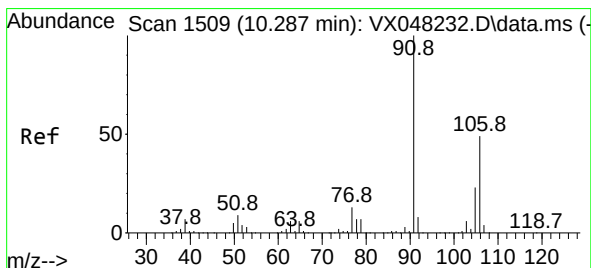
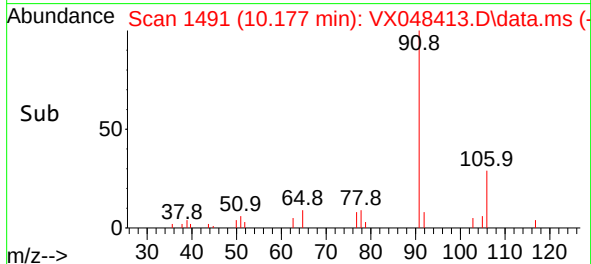
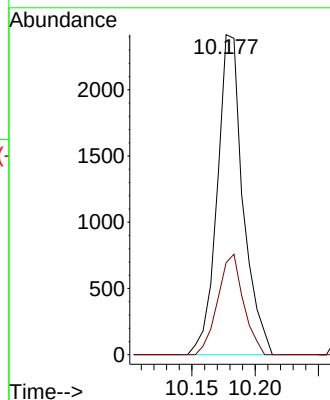
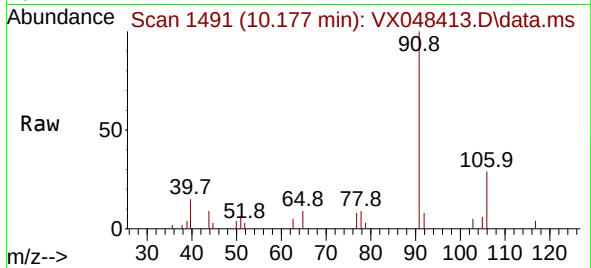




#67
Ethyl Benzene
Concen: 0.443 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

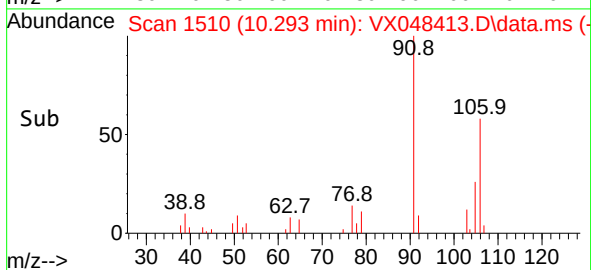
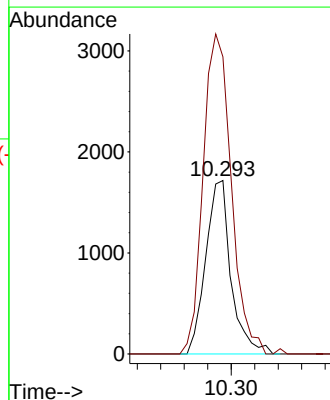
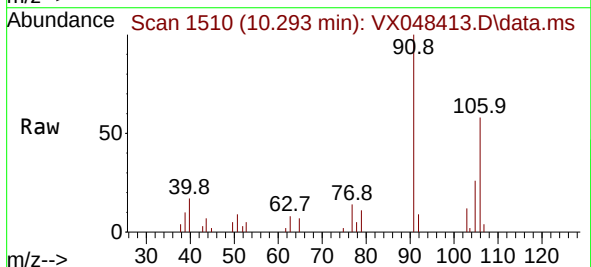
Instrument :
MSVOA_X
ClientSampleId :
IBLK

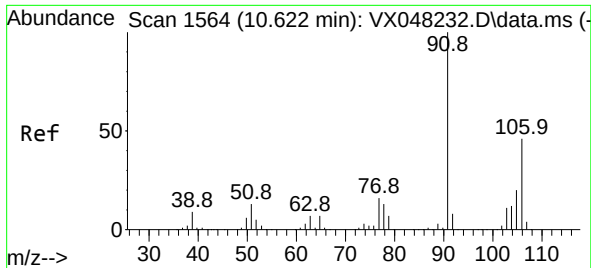
Tgt Ion: 91 Resp: 3428
Ion Ratio Lower Upper
91 100
106 28.8 23.8 35.6



#68
m/p-Xylenes
Concen: 0.873 ug/l
RT: 10.293 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:106 Resp: 2560
Ion Ratio Lower Upper
106 100
91 205.5 167.9 251.9

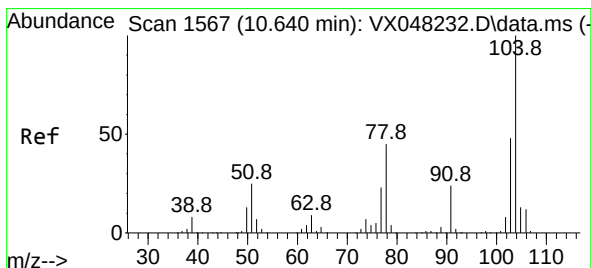
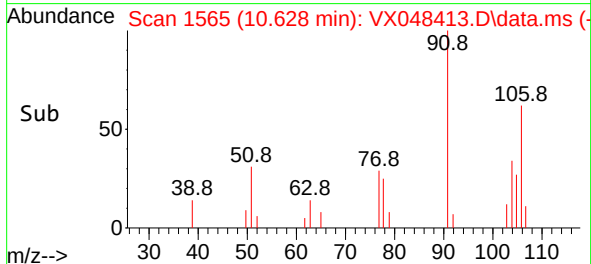
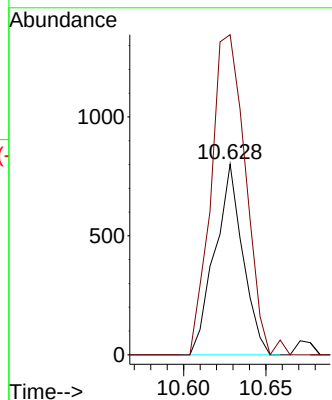
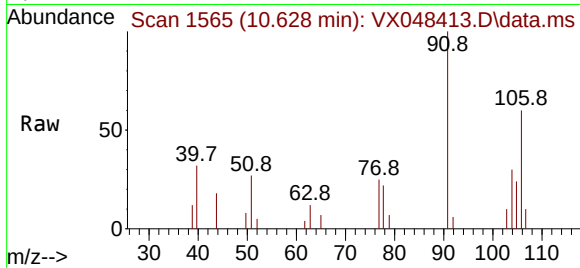




#69
o-Xylene
Concen: 0.338 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

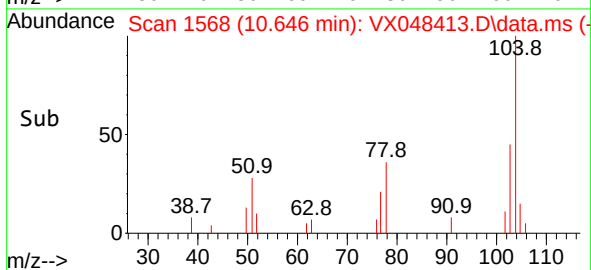
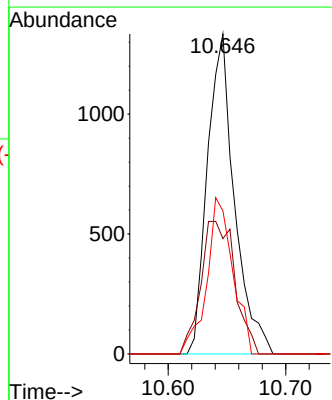
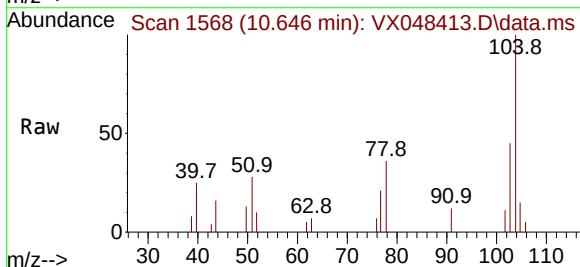
Instrument :
MSVOA_X
ClientSampleId :
IBLK

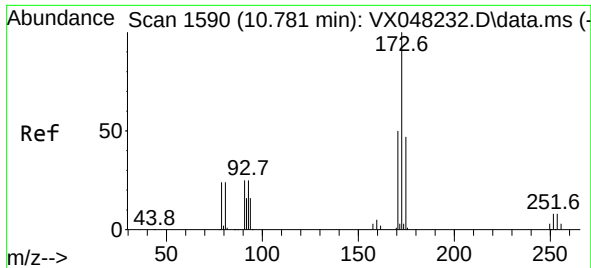
Tgt Ion:106 Resp: 947
Ion Ratio Lower Upper
106 100
91 207.7 111.3 333.9



#70
Styrene
Concen: 0.449 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:104 Resp: 2132
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.4
103 47.0 43.0 64.4

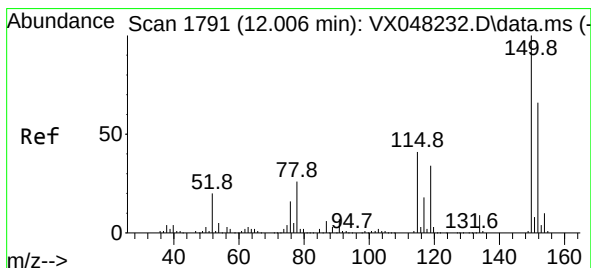
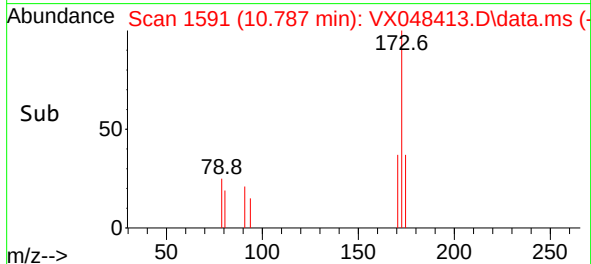
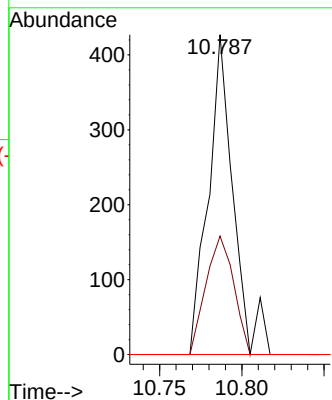
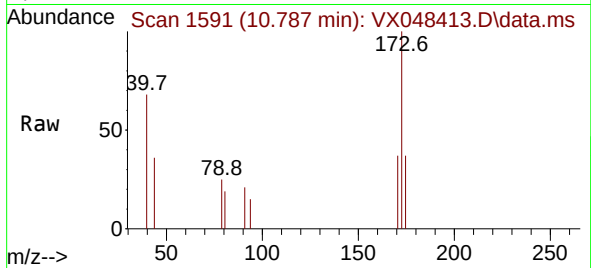




#71
Bromoform
Concen: 0.399 ug/l
RT: 10.787 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

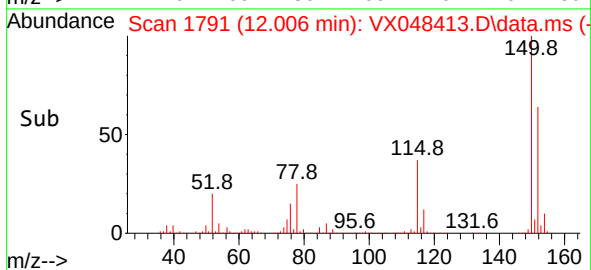
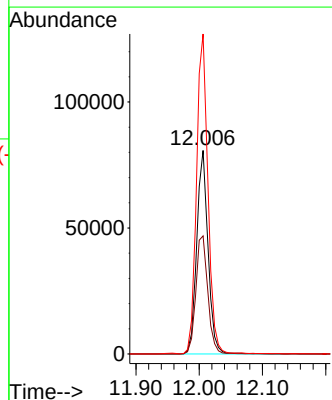
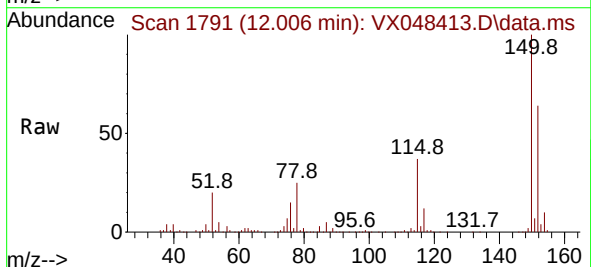
Instrument :
MSVOA_X
ClientSampleId :
IBLK

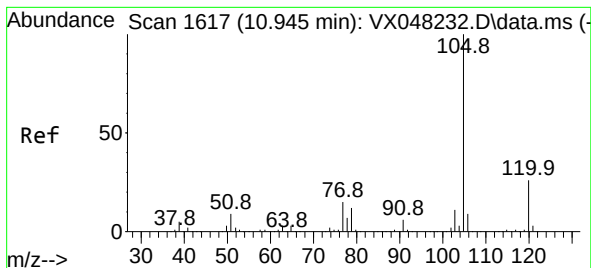
Tgt Ion:173 Resp: 451
Ion Ratio Lower Upper
173 100
175 41.0 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:152 Resp: 100396
Ion Ratio Lower Upper
152 100
115 61.6 43.1 129.4
150 159.4 0.0 353.0





#73

Isopropylbenzene

Concen: 0.428 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

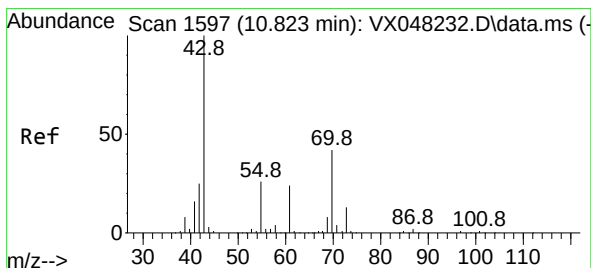
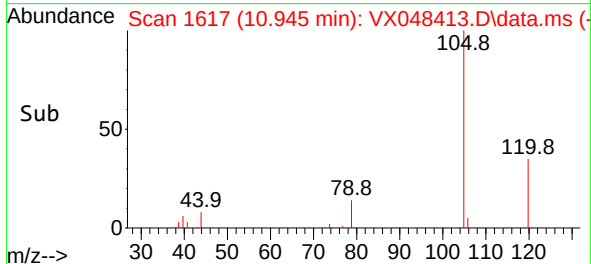
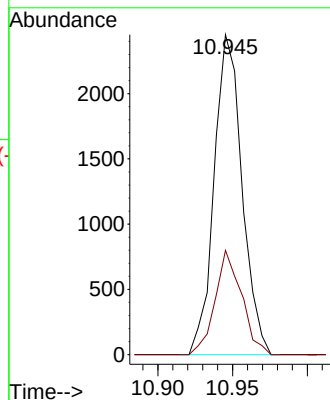
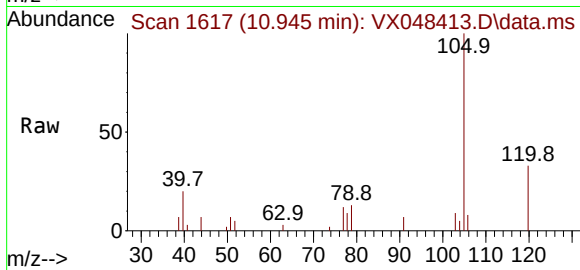
IBLK

Tgt Ion:105 Resp: 3181

Ion Ratio Lower Upper

105 100

120 31.0 13.0 38.9



#74

N-ethyl acetate

Concen: 0.382 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Tgt Ion: 43 Resp: 1012

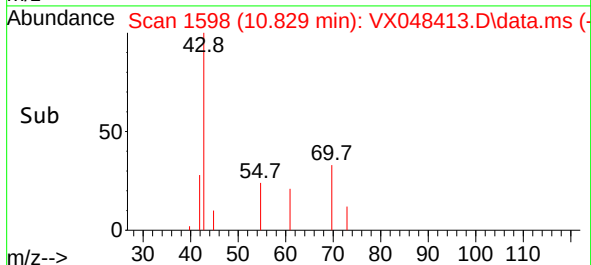
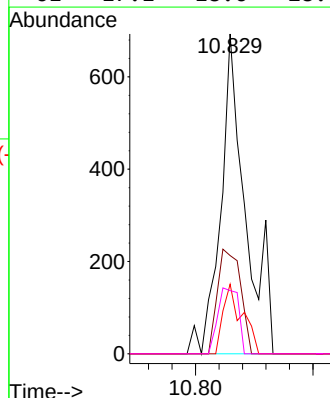
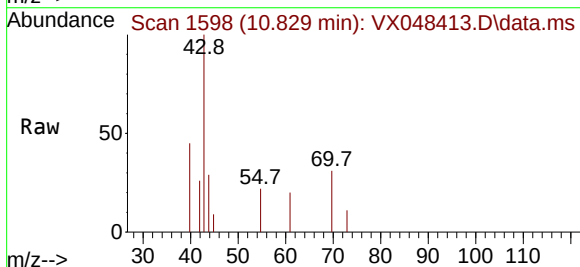
Ion Ratio Lower Upper

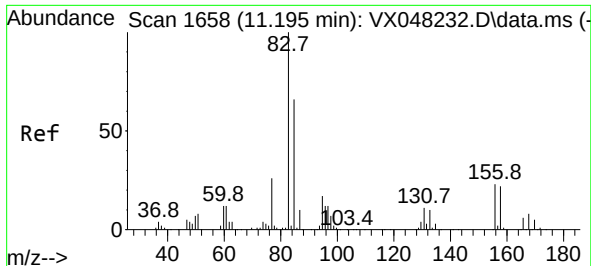
43 100

70 30.5 32.2 48.2#

55 16.8 19.1 28.7#

61 17.1 18.6 28.0#

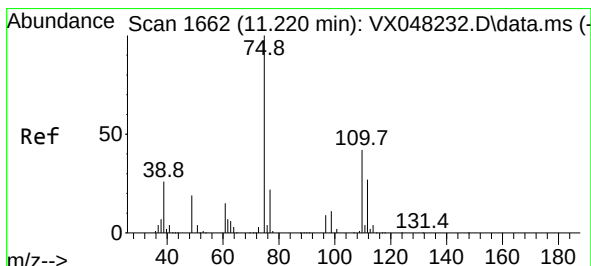
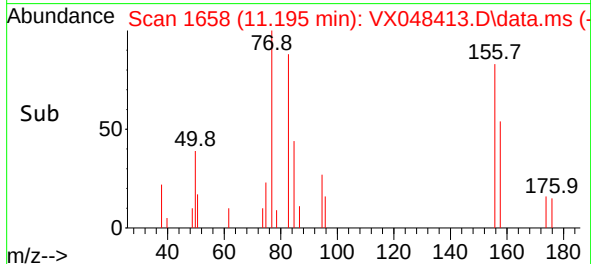
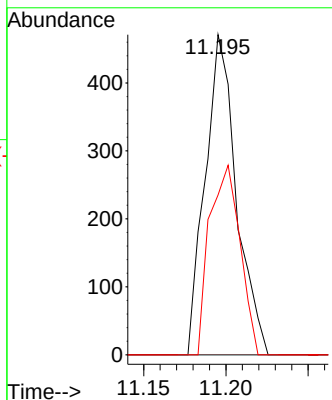
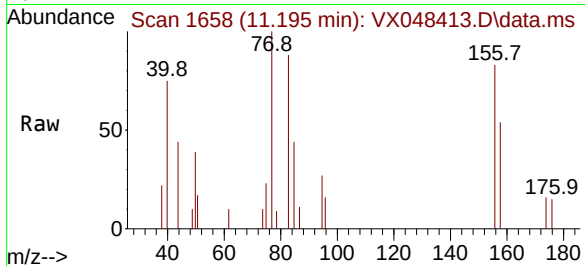




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.331 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048413.D
 Acq: 29 Oct 2025 13:24

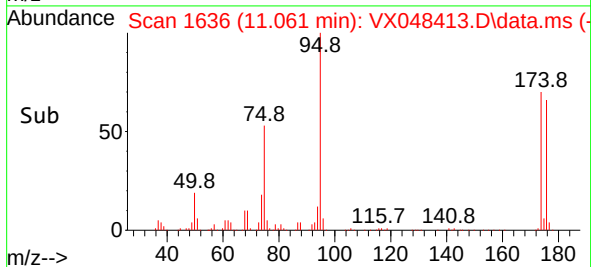
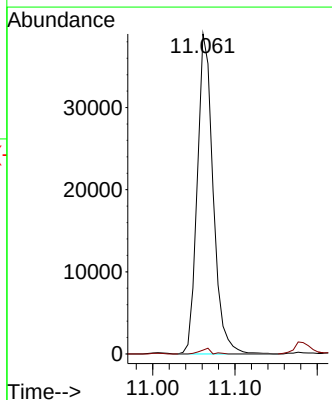
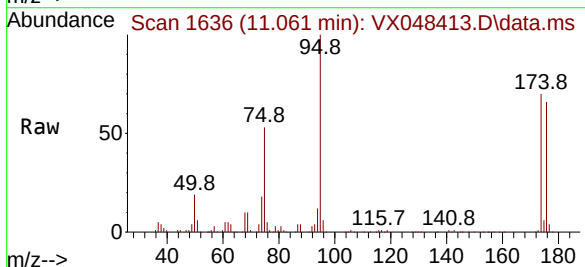
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

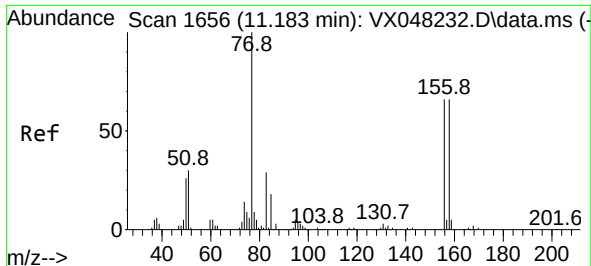
Tgt Ion: 83 Resp: 622
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.8 14.4#
 85 57.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 36.184 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048413.D
 Acq: 29 Oct 2025 13:24

Tgt Ion: 75 Resp: 52243
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.2#

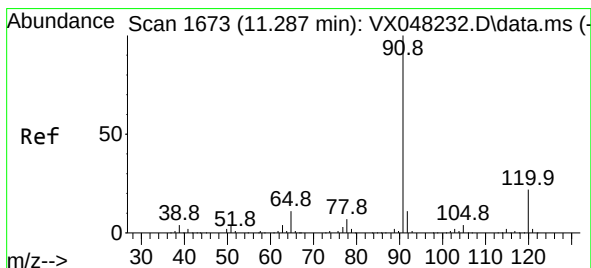
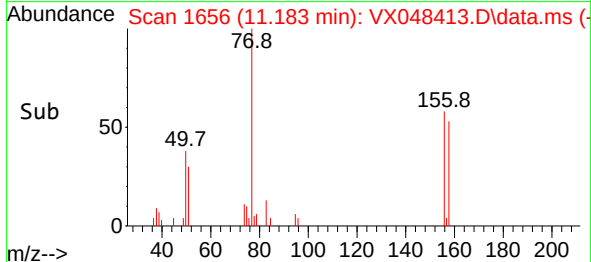
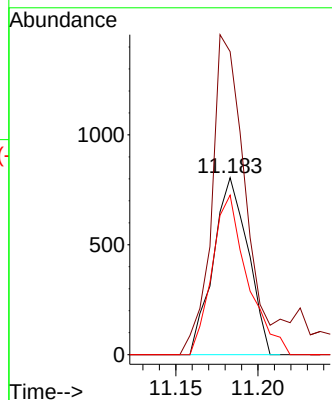
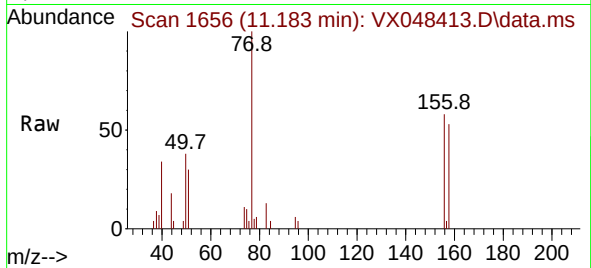




#77
Bromobenzene
Concen: 0.643 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

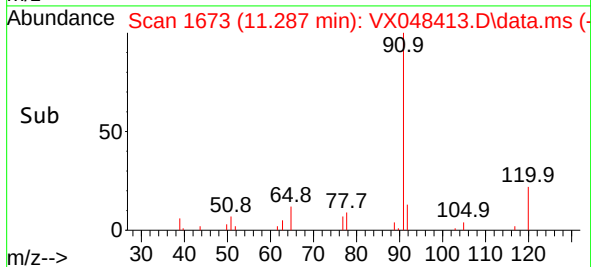
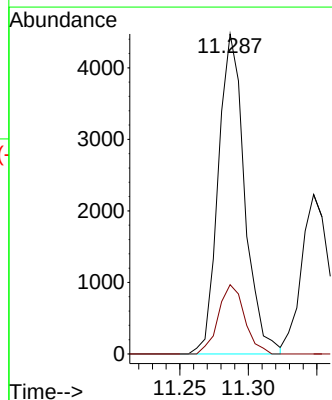
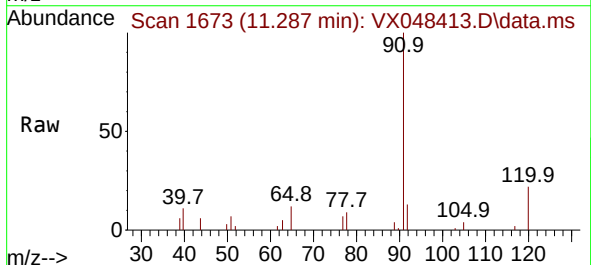
Instrument :
MSVOA_X
ClientSampleId :
IBLK

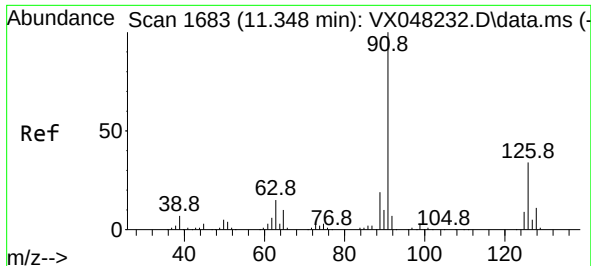
Tgt Ion:156 Resp: 1179
Ion Ratio Lower Upper
156 100
77 181.1 87.0 261.0
158 91.9 47.8 143.4



#78
n-propylbenzene
Concen: 0.682 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 91 Resp: 5987
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.1

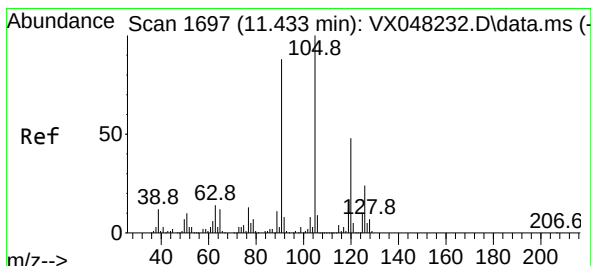
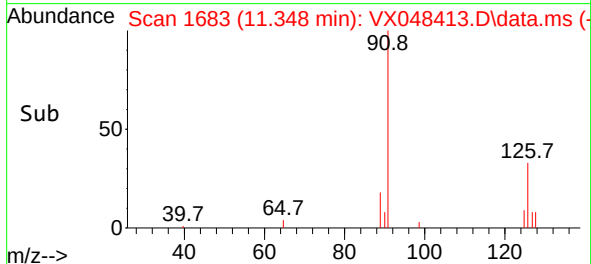
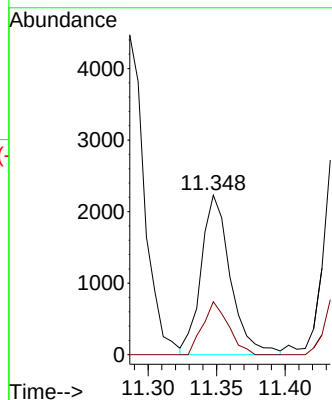
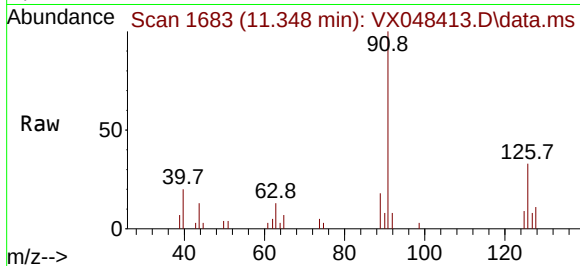




#79
2-Chlorotoluene
Concen: 0.632 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

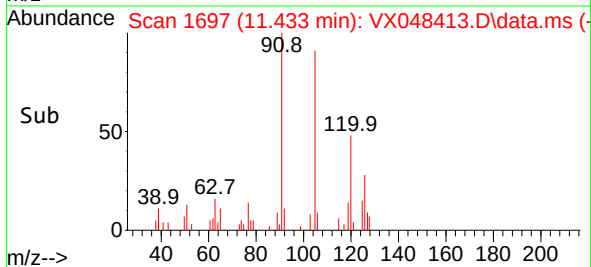
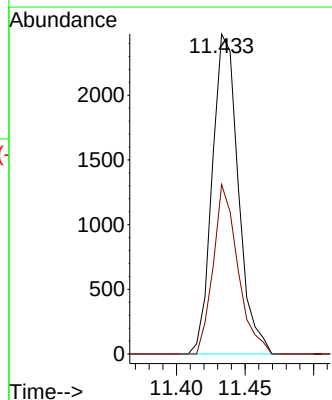
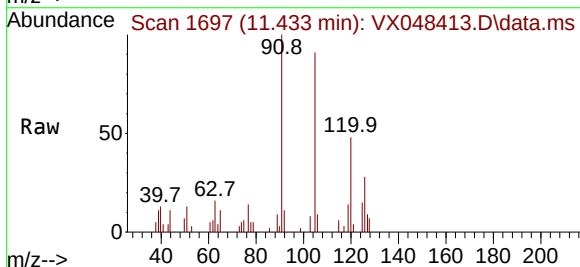
Instrument :
MSVOA_X
ClientSampleId :
IBLK

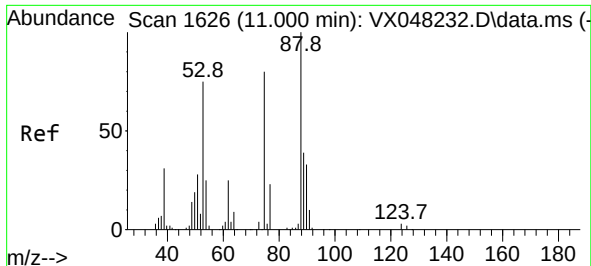
Tgt Ion: 91 Resp: 3329
Ion Ratio Lower Upper
91 100
126 28.9 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 0.537 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 105 Resp: 3269
Ion Ratio Lower Upper
105 100
120 50.1 24.0 72.0

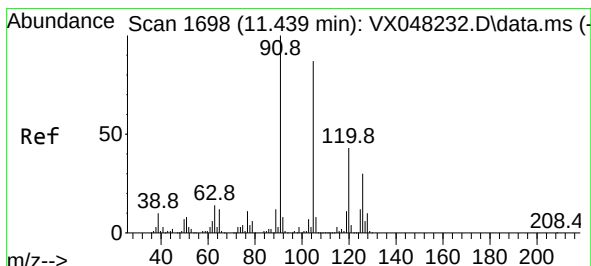
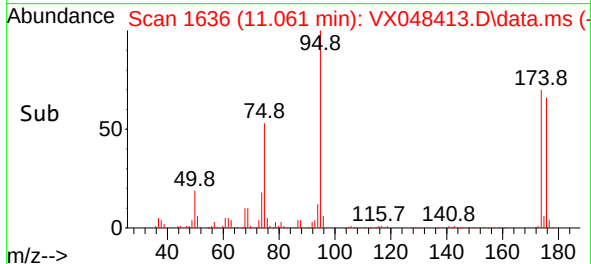
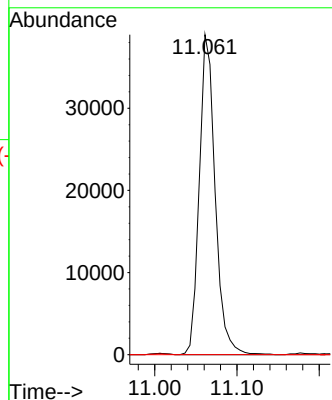
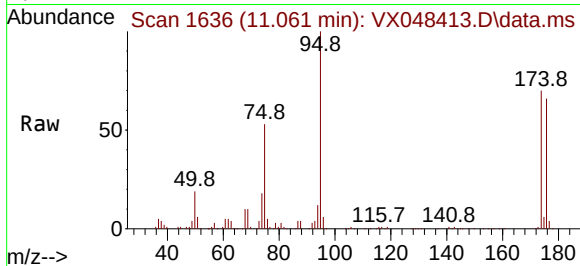




#81
trans-1,4-Dichloro-2-butene
Concen: 125.218 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

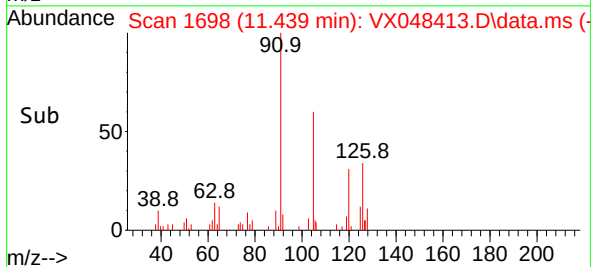
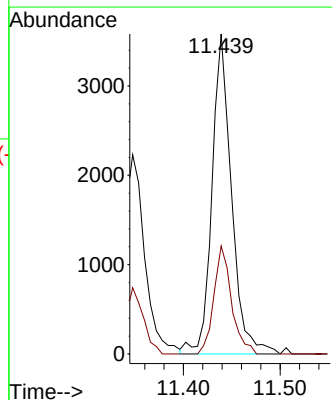
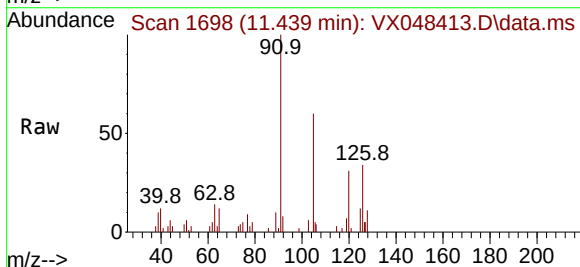
Instrument :
MSVOA_X
ClientSampleId :
IBLK

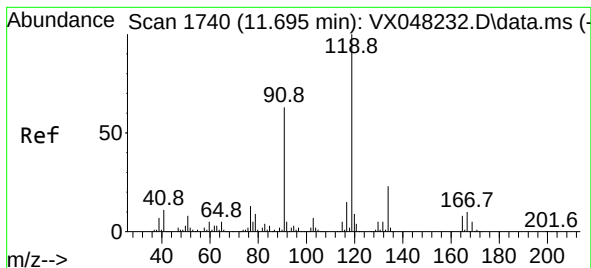
Tgt Ion: 75 Resp: 52243
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#



#82
4-Chlorotoluene
Concen: 0.813 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion: 91 Resp: 5038
Ion Ratio Lower Upper
91 100
126 30.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 0.540 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

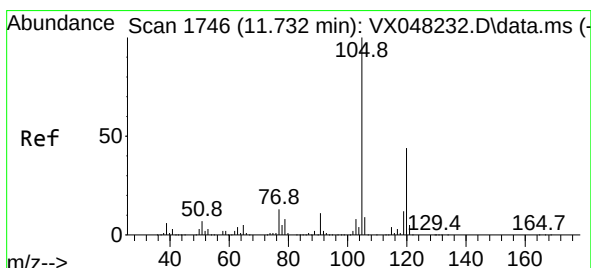
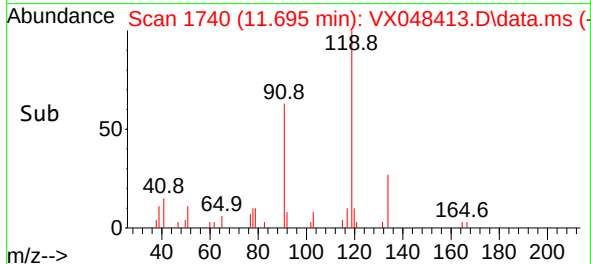
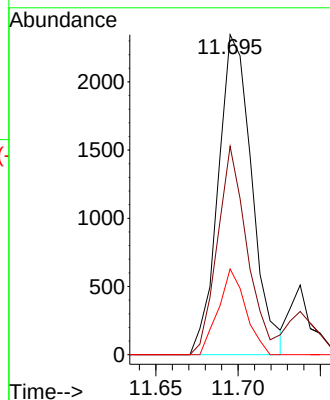
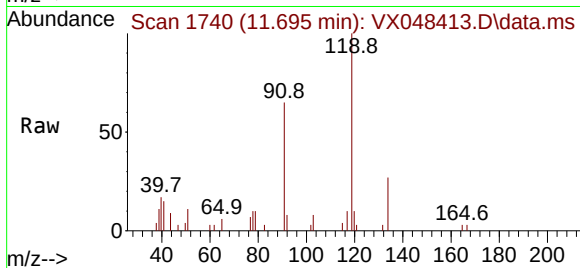
Tgt Ion:119 Resp: 3349

Ion Ratio Lower Upper

119 100

91 56.9 30.3 91.0

134 21.7 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 0.610 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048413.D

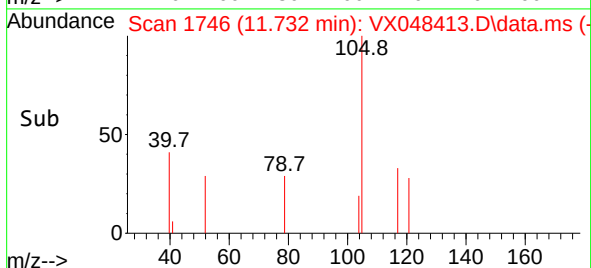
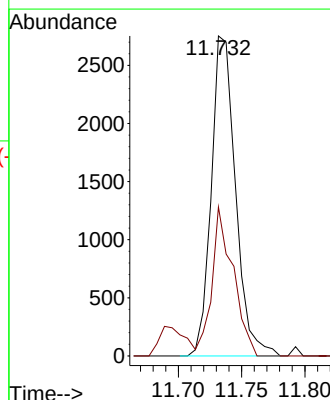
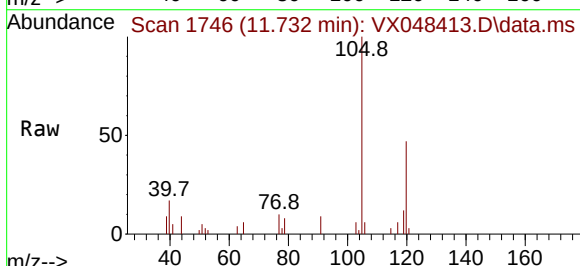
Acq: 29 Oct 2025 13:24

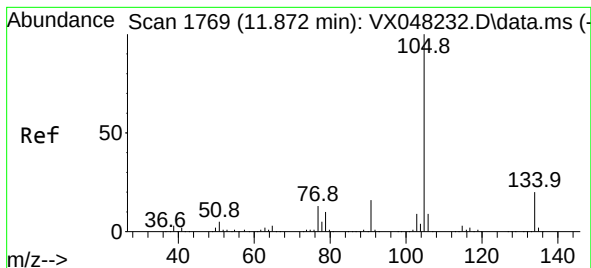
Tgt Ion:105 Resp: 3675

Ion Ratio Lower Upper

105 100

120 40.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 0.797 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

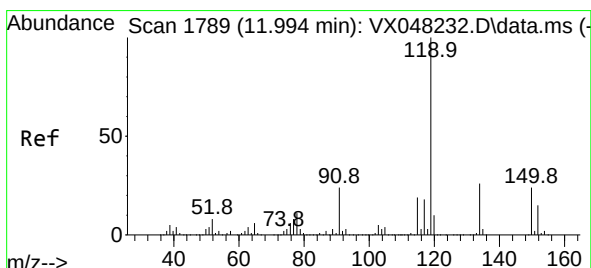
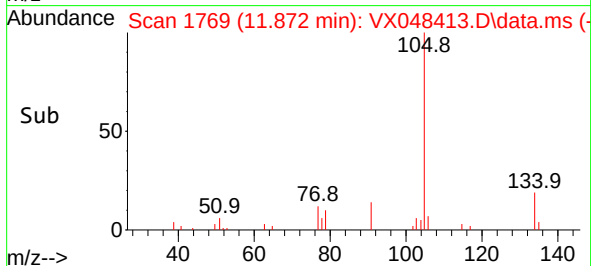
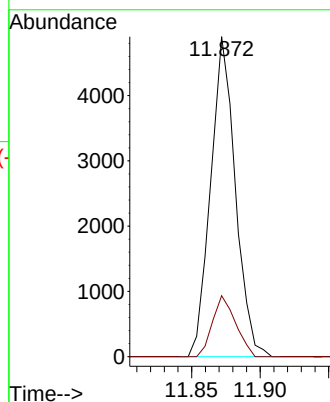
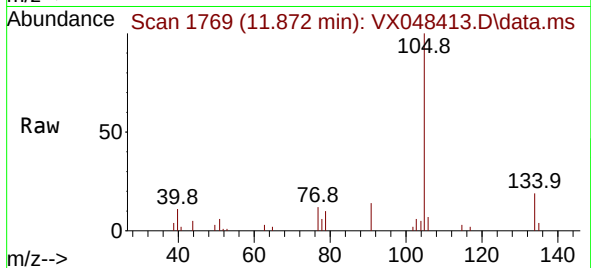
IBLK

Tgt Ion:105 Resp: 6151

Ion Ratio Lower Upper

105 100

134 17.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 0.826 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

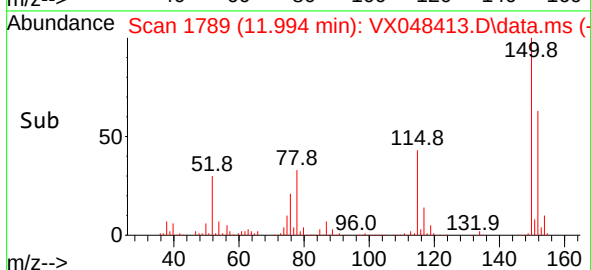
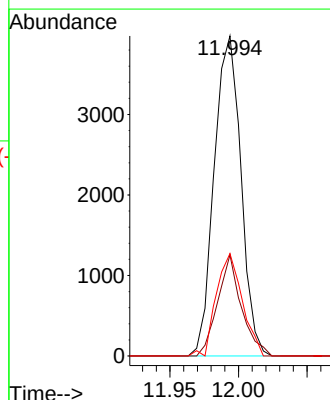
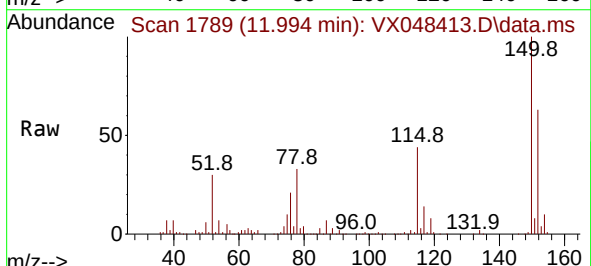
Tgt Ion:119 Resp: 5389

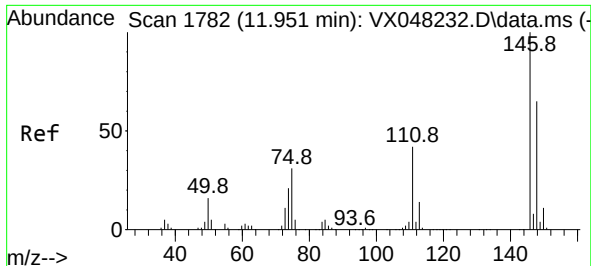
Ion Ratio Lower Upper

119 100

134 28.1 13.0 39.0

91 31.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 1.041 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

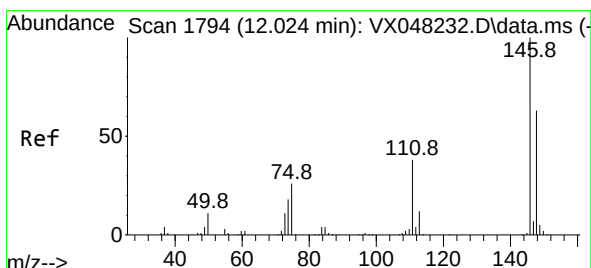
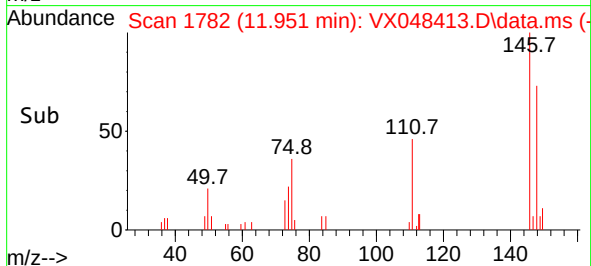
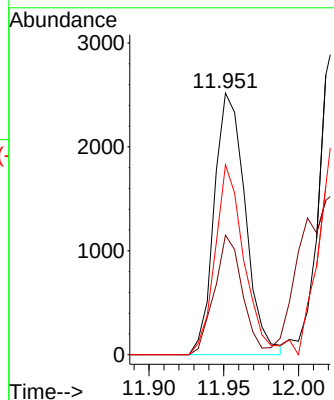
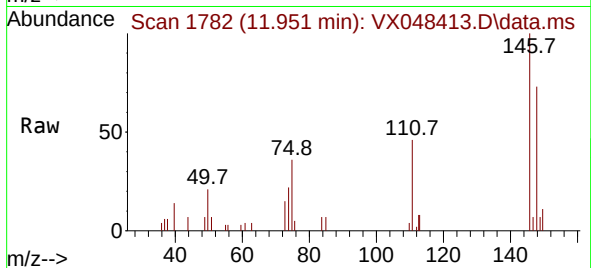
Tgt Ion:146 Resp: 3646

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

148 67.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.022 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.073 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

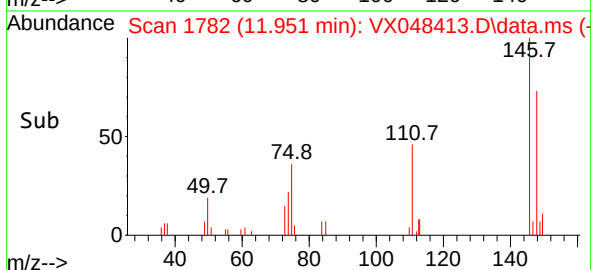
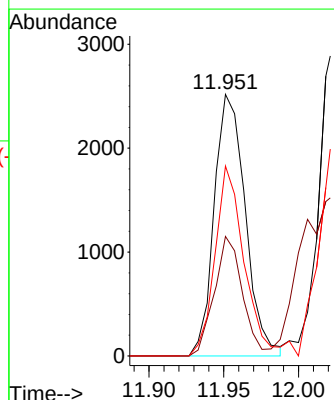
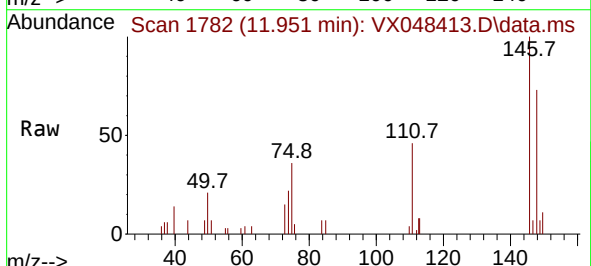
Tgt Ion:146 Resp: 3646

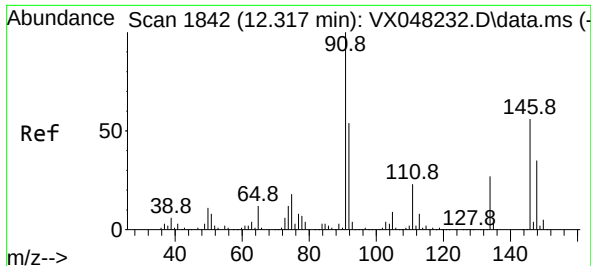
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

148 67.6 31.8 95.3





#89

n-Butylbenzene

Concen: 1.254 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

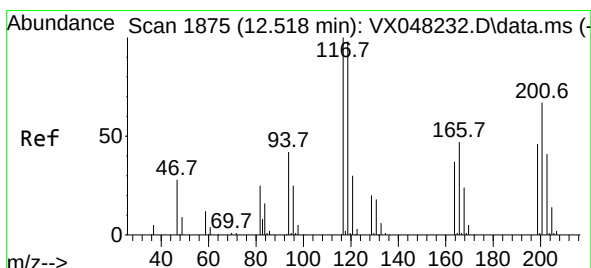
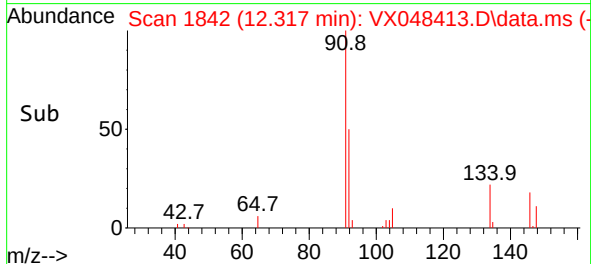
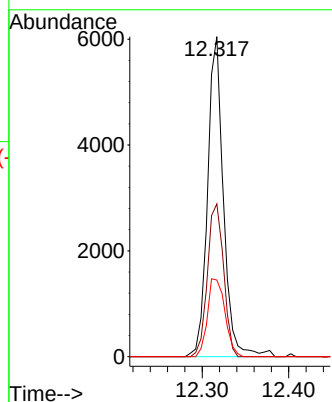
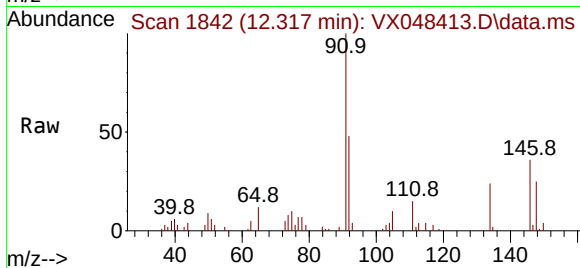
Tgt Ion: 91 Resp: 7688

Ion Ratio Lower Upper

91 100

92 48.6 26.9 80.6

134 26.9 12.7 38.1



#90

Hexachloroethane

Concen: 0.534 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048413.D

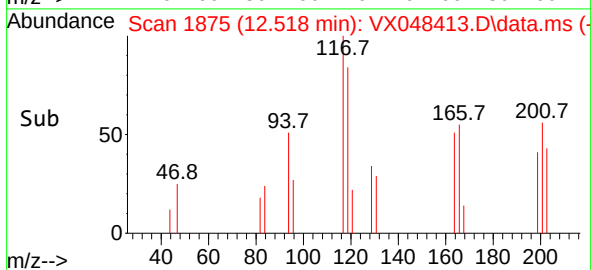
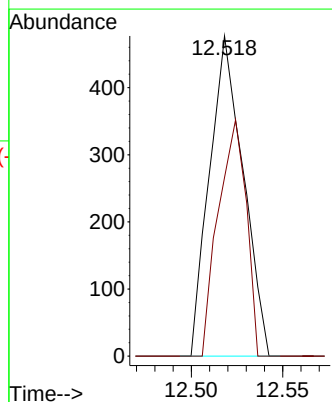
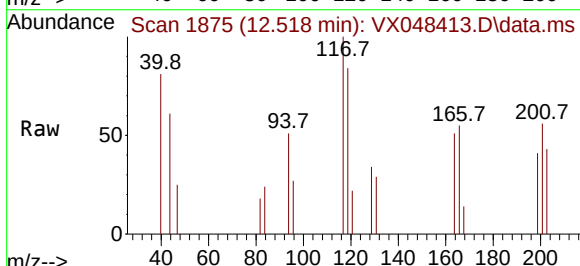
Acq: 29 Oct 2025 13:24

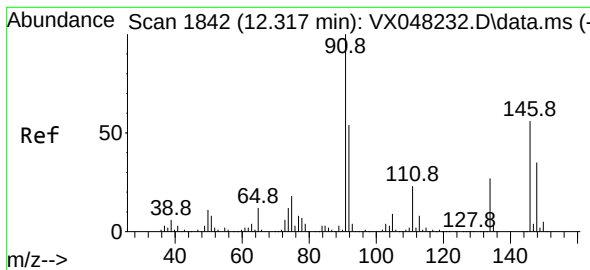
Tgt Ion: 117 Resp: 613

Ion Ratio Lower Upper

117 100

201 61.0 34.1 102.2





#91

1,2-Dichlorobenzene

Concen: 0.918 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

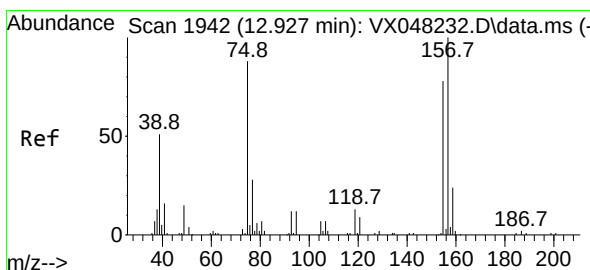
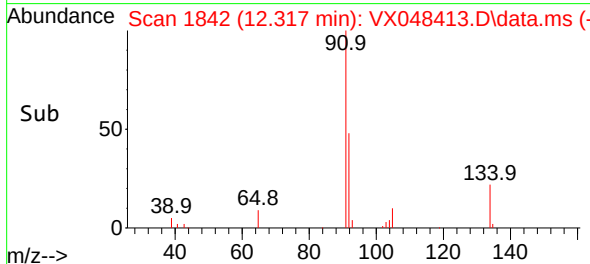
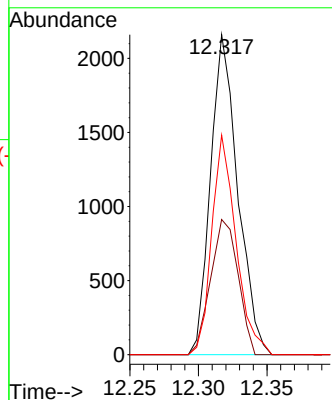
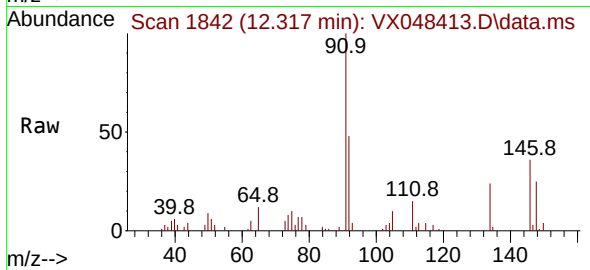
Tgt Ion:146 Resp: 2981

Ion Ratio Lower Upper

146 100

111 42.6 21.9 65.5

148 61.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.850 ug/l

RT: 12.927 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VX048413.D

Acq: 29 Oct 2025 13:24

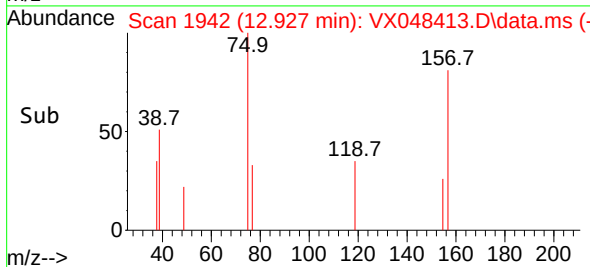
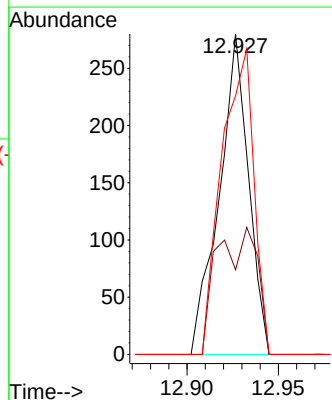
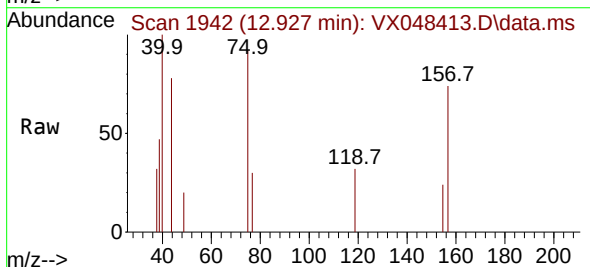
Tgt Ion: 75 Resp: 313

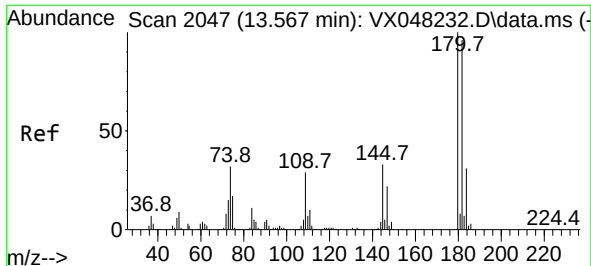
Ion Ratio Lower Upper

75 100

155 54.0 42.8 128.4

157 104.5 54.2 162.6

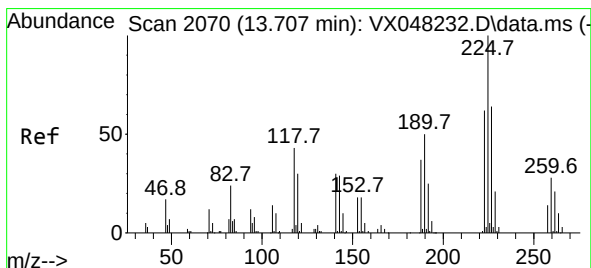
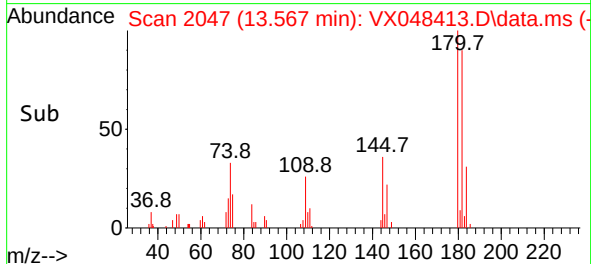
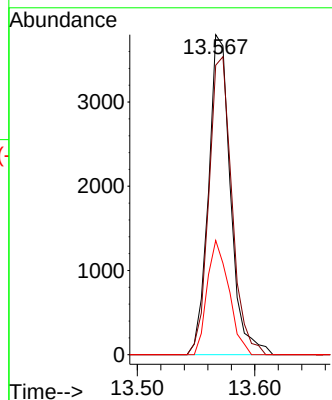
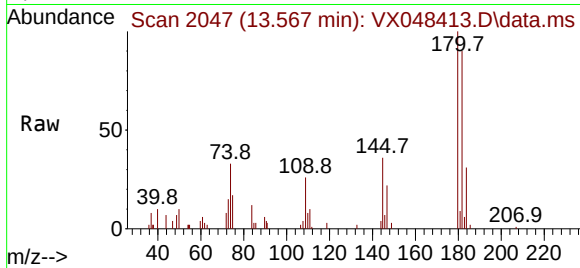




#93
1,2,4-Trichlorobenzene
Concen: 2.214 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

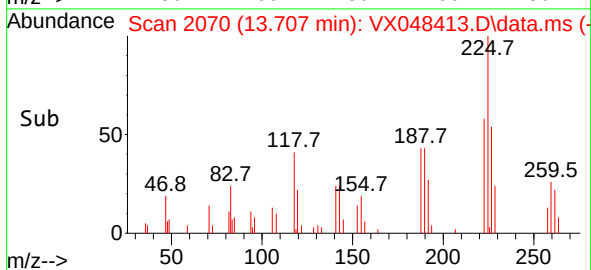
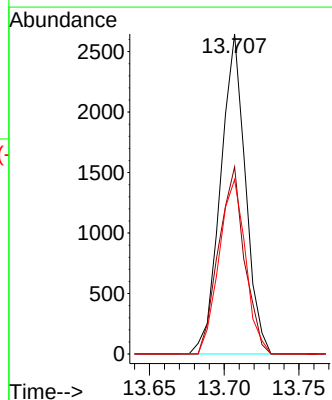
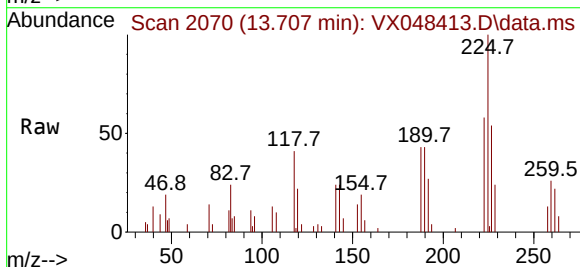
Instrument :
MSVOA_X
ClientSampleId :
IBLK

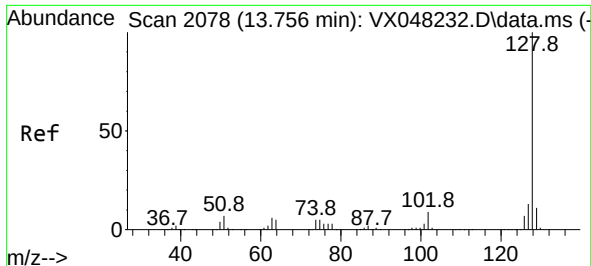
Tgt Ion:180 Resp: 4960
Ion Ratio Lower Upper
180 100
182 96.9 47.3 142.0
145 35.1 16.3 48.9



#94
Hexachlorobutadiene
Concen: 3.259 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:225 Resp: 3062
Ion Ratio Lower Upper
225 100
223 60.7 32.6 97.7
227 58.0 32.5 97.4

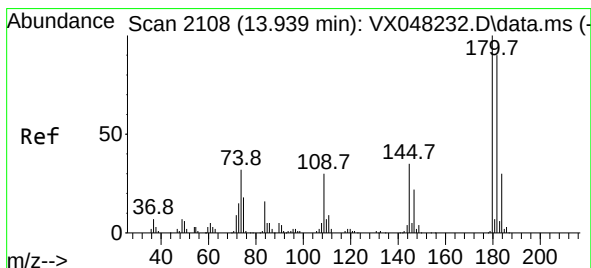
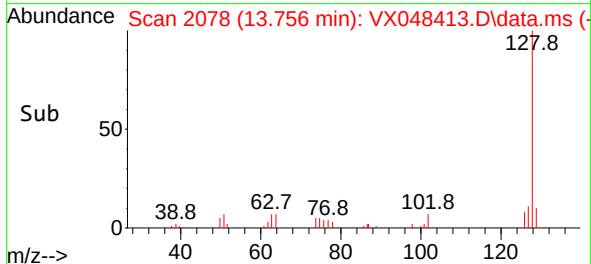
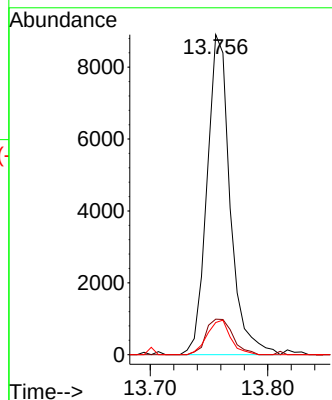
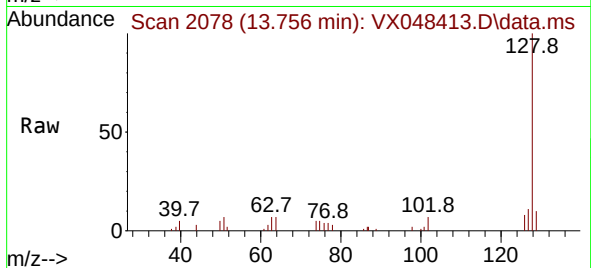




#95
Naphthalene
Concen: 2.151 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 12172
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.626 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048413.D
Acq: 29 Oct 2025 13:24

Tgt Ion:180 Resp: 5344
Ion Ratio Lower Upper
180 100
182 96.3 46.6 139.7
145 33.4 16.9 50.7

