

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044730.D
 Acq On : 27 Jan 2025 17:37
 Operator : JC/MD
 Sample : Q1180-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jan 28 04:16:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

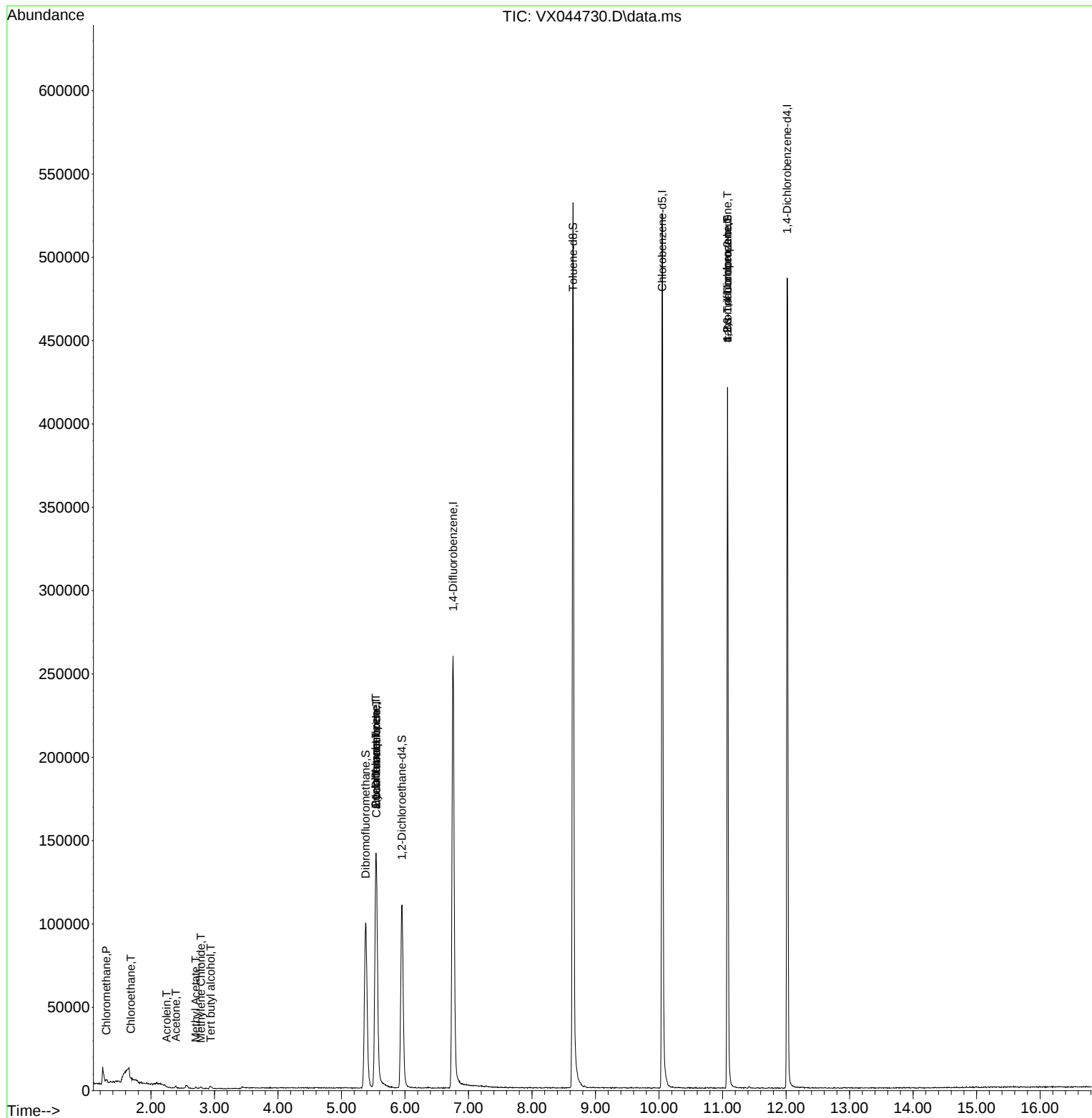
Internal Standards						
1) Pentafluorobenzene	5.544	168	138479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	247741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103881	49.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	5.379	113	91265	50.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	8.647	98	344907	55.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.400%
62) 4-Bromofluorobenzene	11.079	95	119113	51.136	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	2027	1.006	ug/l	92
6) Chloroethane	1.685	64	516	1.413	ug/l #	41
11) Tert butyl alcohol	2.940	59	668	1.434	ug/l #	85
13) Acrolein	2.245	56	87	0.397	ug/l #	15
16) Acetone	2.392	43	1854	2.242	ug/l #	80
18) Methyl Acetate	2.703	43	1197	0.469	ug/l #	79
20) Methylene Chloride	2.788	84	585	0.304	ug/l #	71
31) Cyclohexane	5.544	56	3477	1.321	ug/l #	6
36) 1,1-Dichloropropene	5.544	75	11865	4.756	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13726	4.892	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	58753	23.826	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	58753	54.486	ug/l #	12

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

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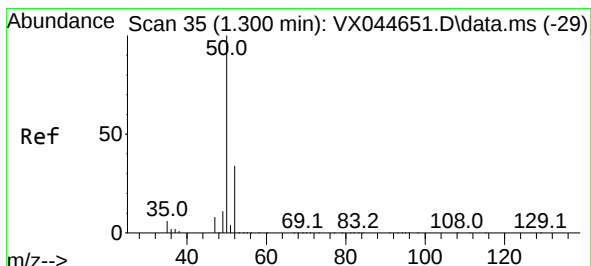
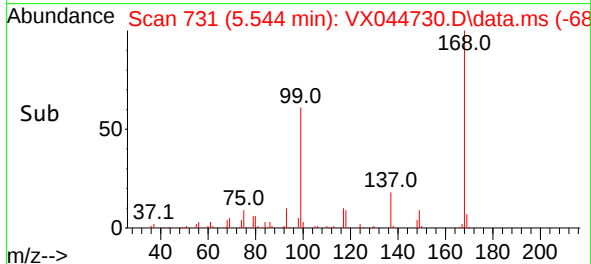
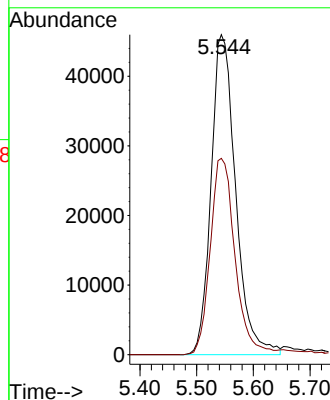
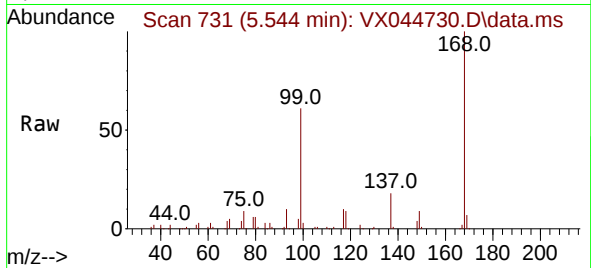




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

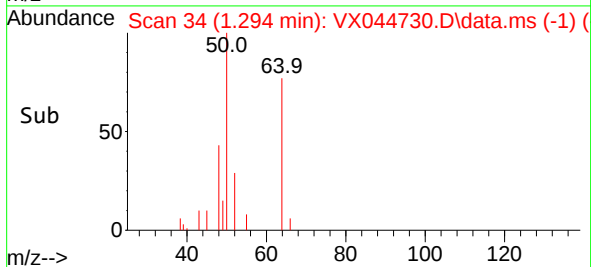
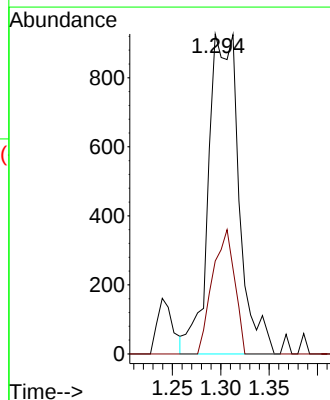
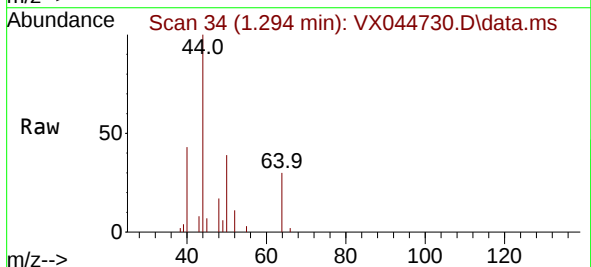
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

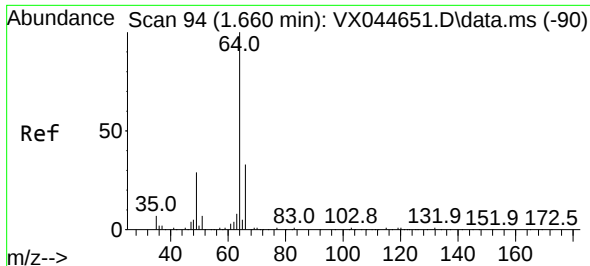
Tgt Ion:168 Resp: 138479
Ion Ratio Lower Upper
168 100
99 61.4 51.1 76.7



#3
Chloromethane
Concen: 1.006 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 50 Resp: 2027
Ion Ratio Lower Upper
50 100
52 29.0 27.0 40.4

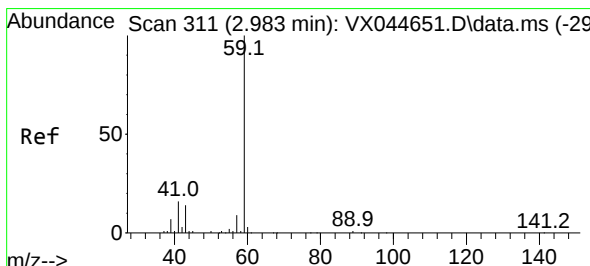
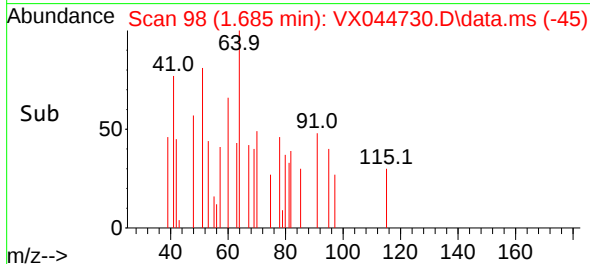
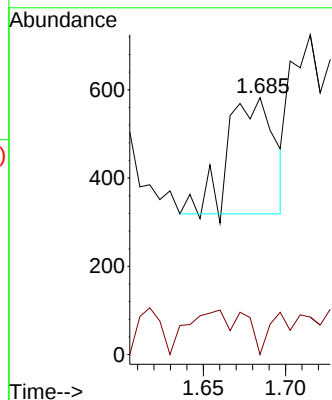
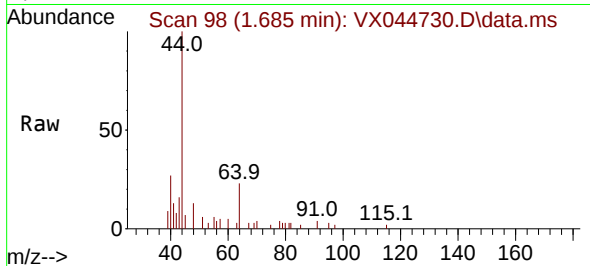




#6
Chloroethane
Concen: 1.413 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.024 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

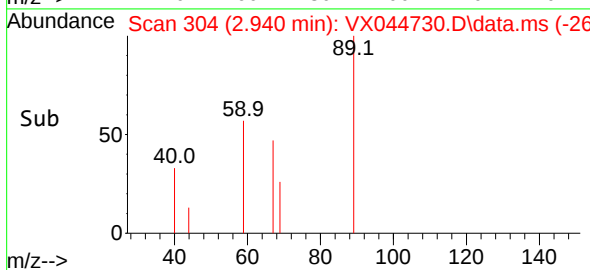
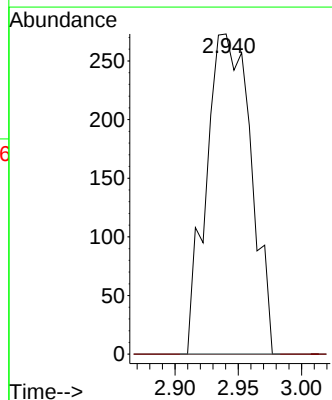
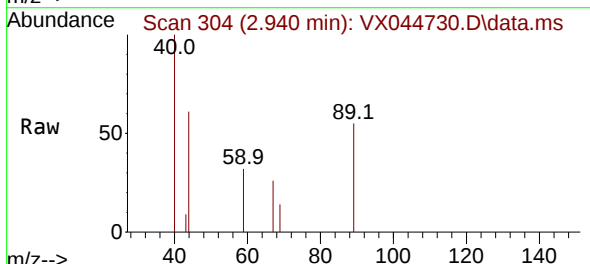
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

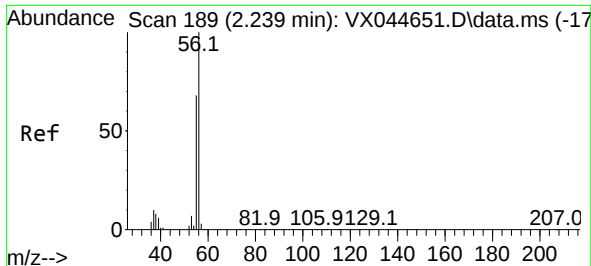
Tgt Ion: 64 Resp: 516
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.434 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

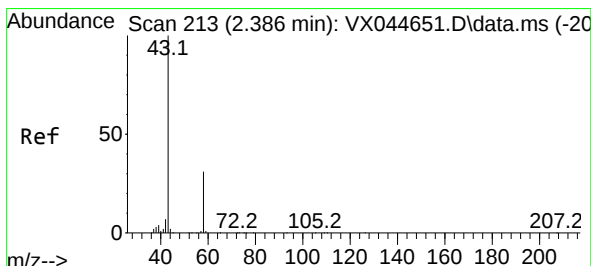
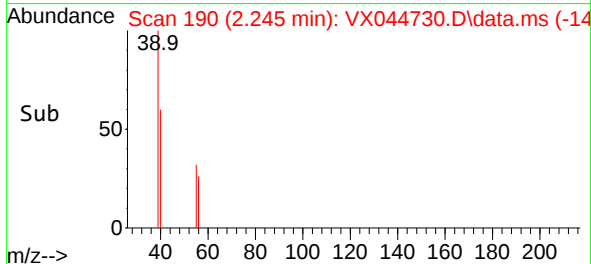
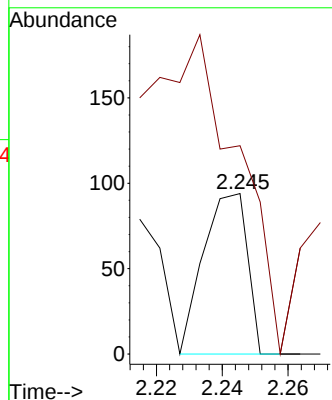
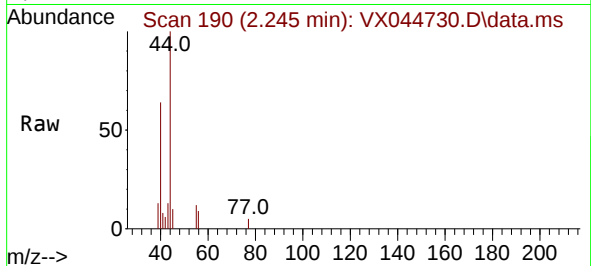




#13
Acrolein
Concen: 0.397 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

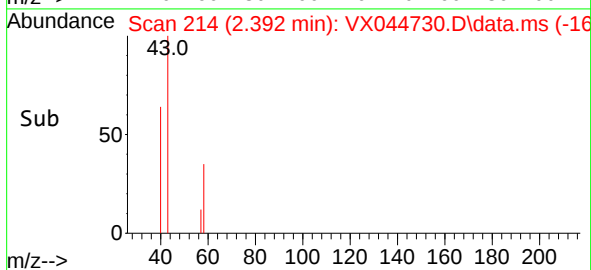
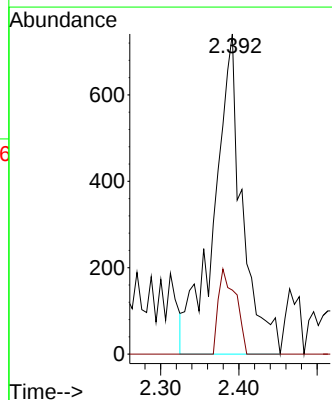
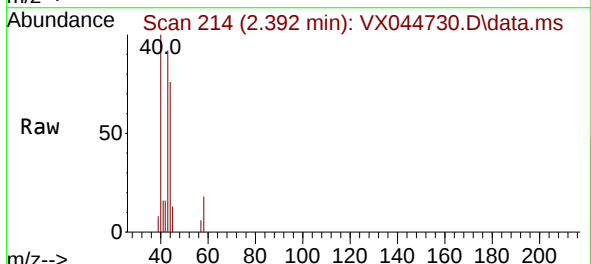
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

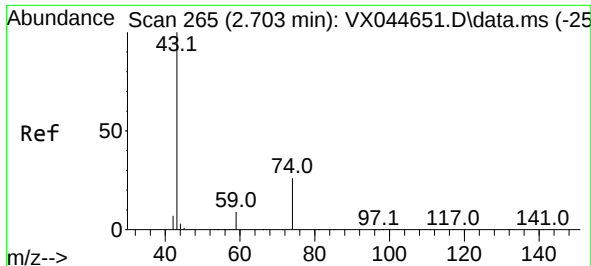
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#16
Acetone
Concen: 2.242 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
58 20.0 24.6 37.0#

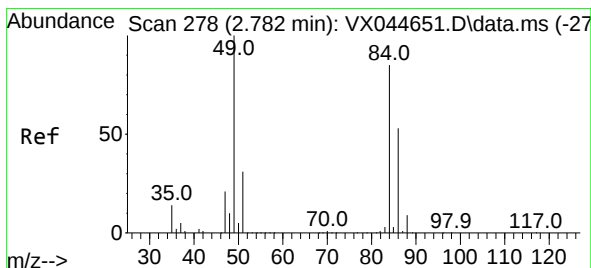
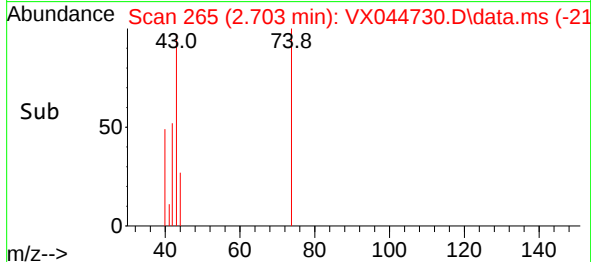
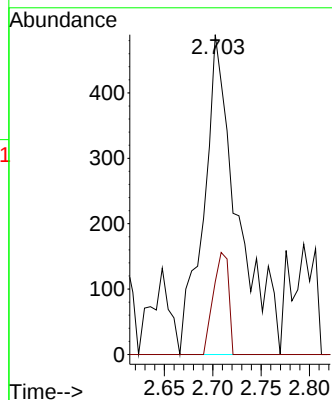
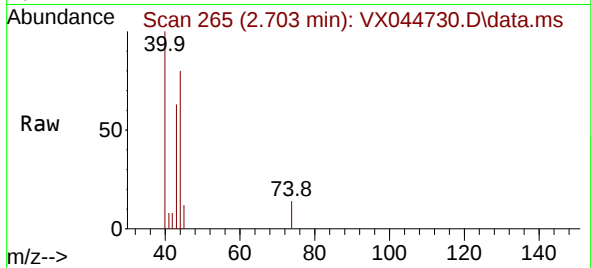




#18
Methyl Acetate
Concen: 0.469 ug/l
RT: 2.703 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

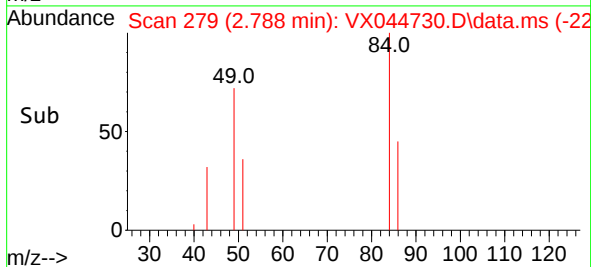
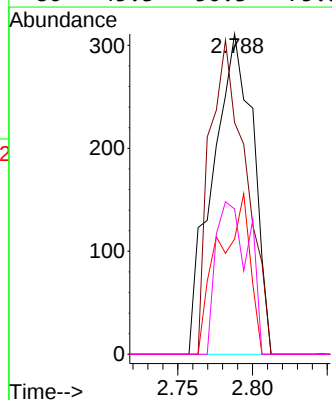
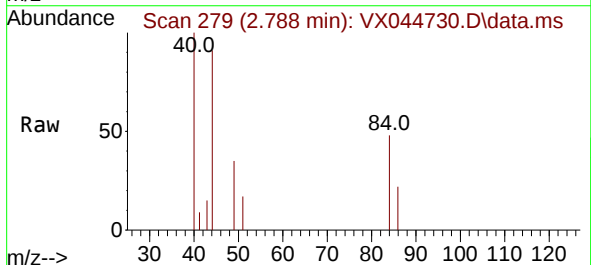
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

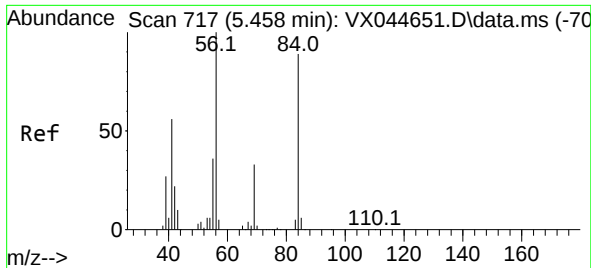
Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
74 14.4 19.8 29.8#



#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 84 Resp: 585
Ion Ratio Lower Upper
84 100
49 72.3 94.2 141.4#
51 36.0 28.8 43.2
86 45.3 50.3 75.5#

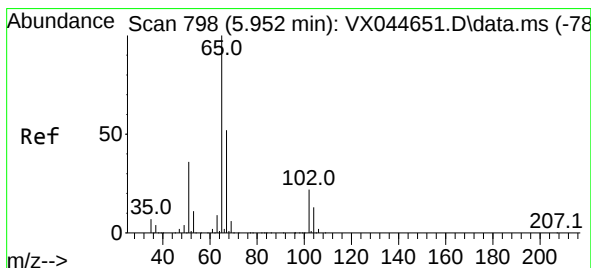
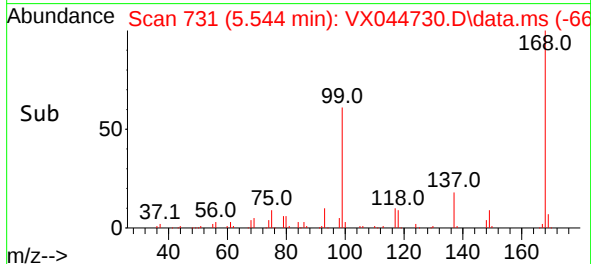
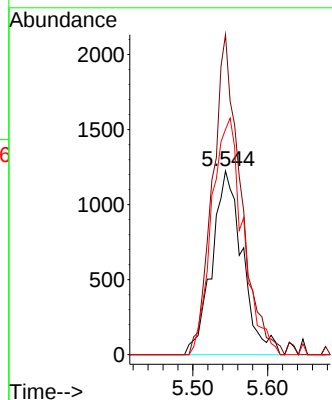
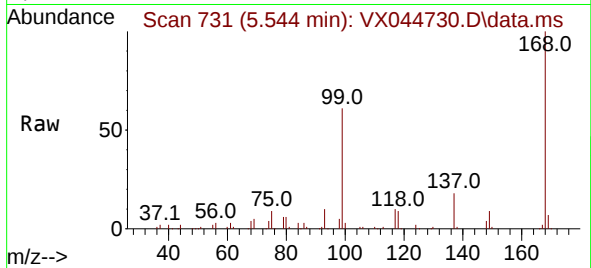




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

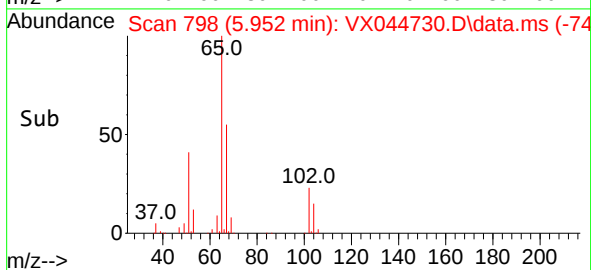
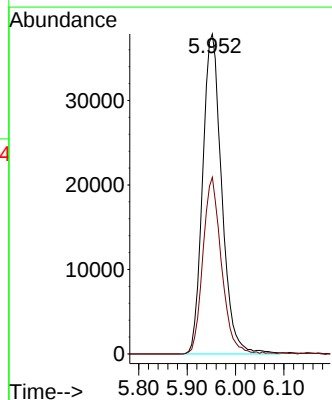
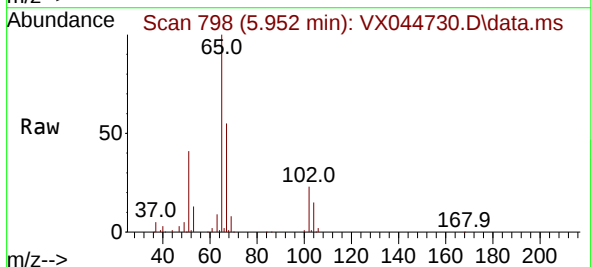
Instrument :
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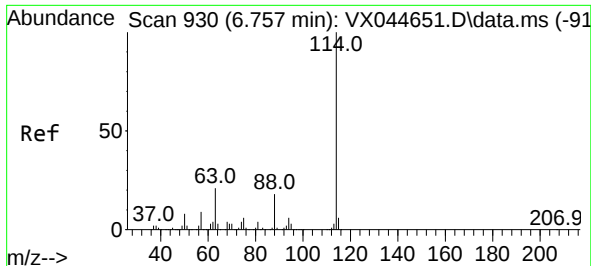
Tgt Ion: 56 Resp: 3477
Ion Ratio Lower Upper
56 100
69 174.2 26.8 40.2#
84 122.5 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 49.698 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 65 Resp: 103881
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.4

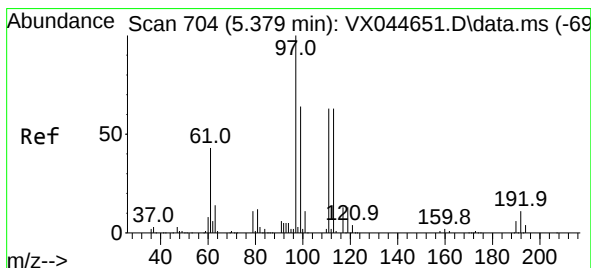
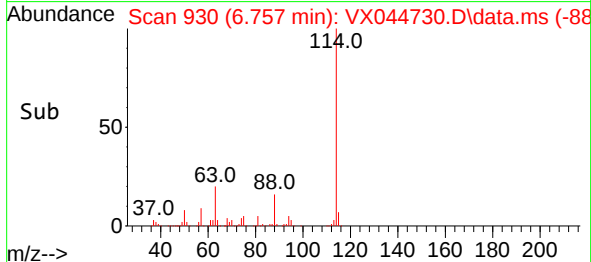
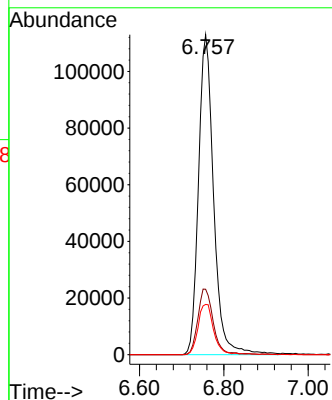
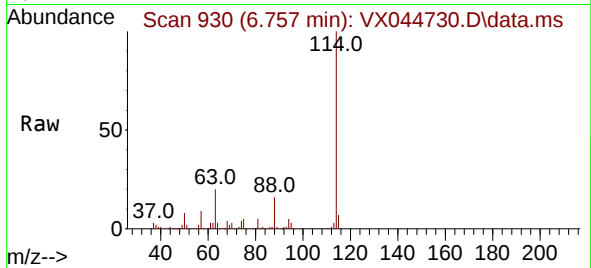




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044730.D
 Acq: 27 Jan 2025 17:37

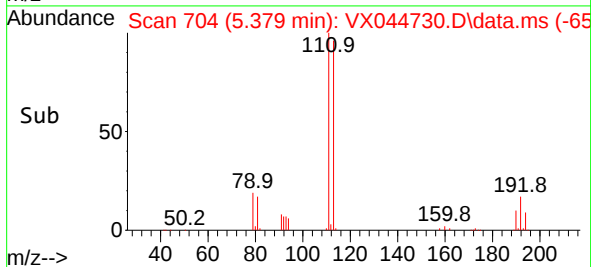
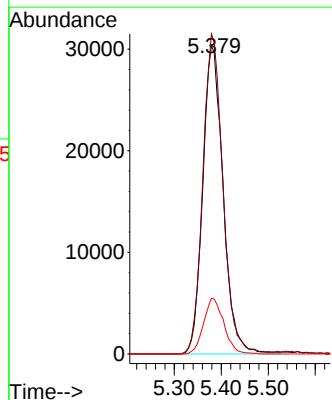
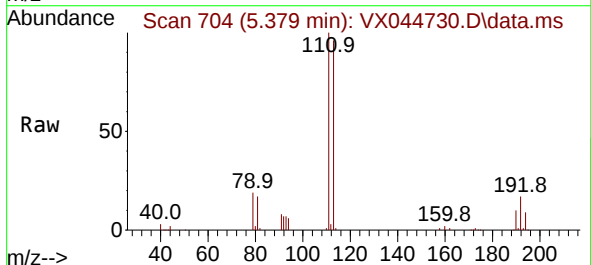
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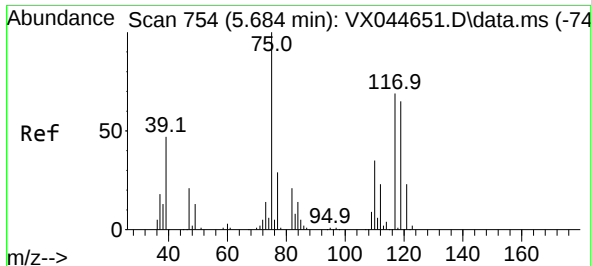
Tgt Ion:114 Resp: 282083
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.0
 88 15.7 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.928 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044730.D
 Acq: 27 Jan 2025 17:37

Tgt Ion:113 Resp: 91265
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 18.0 14.4 21.6

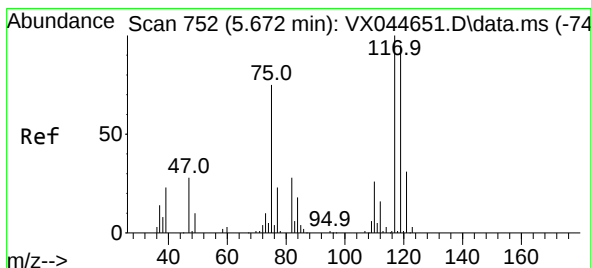
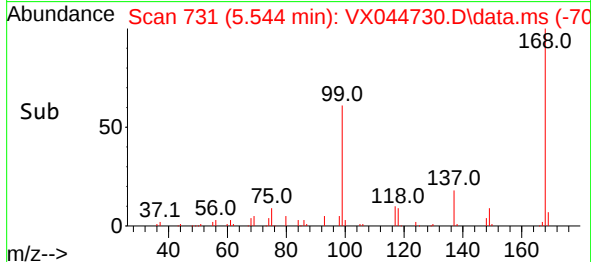
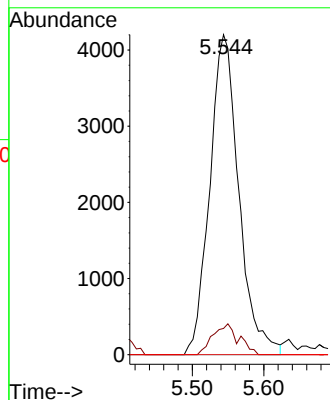
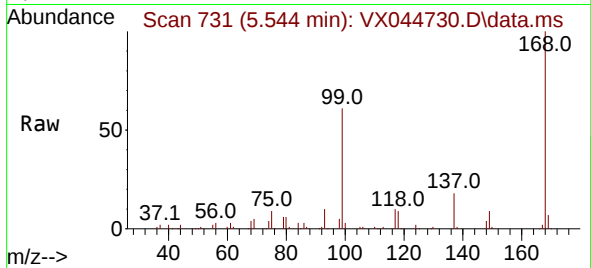




#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

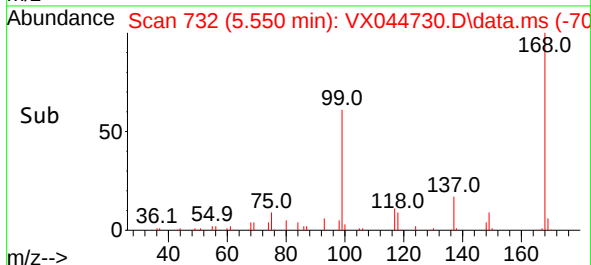
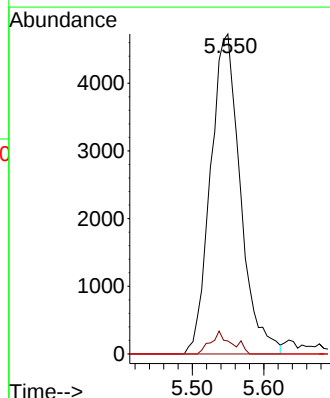
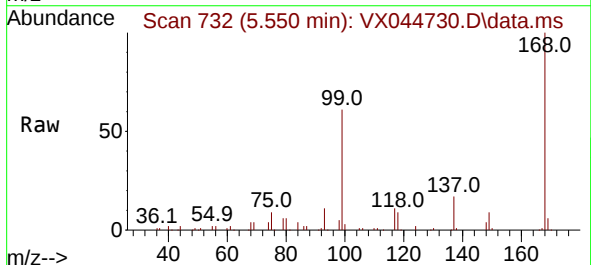
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

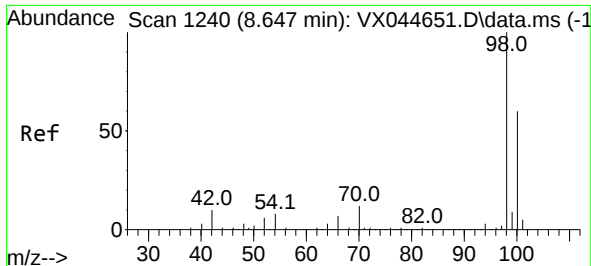
Tgt Ion: 75 Resp: 11865
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 4.892 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 117 Resp: 13726
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.6 36.8#

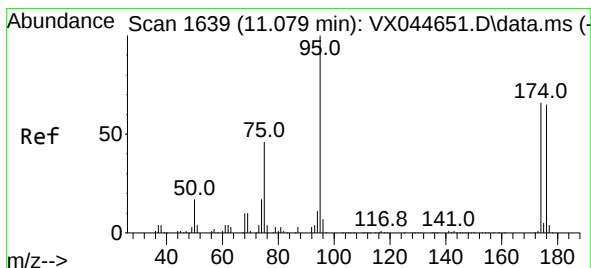
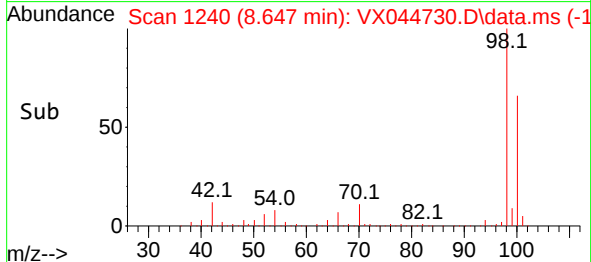
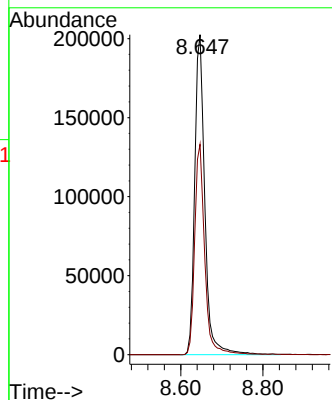
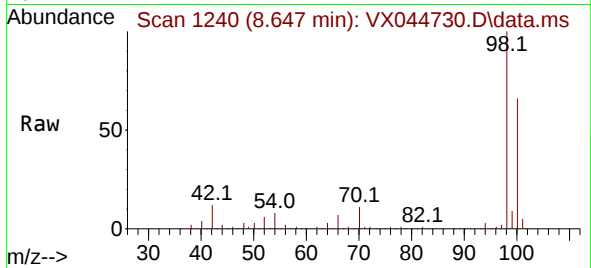




#50
Toluene-d8
Concen: 55.199 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

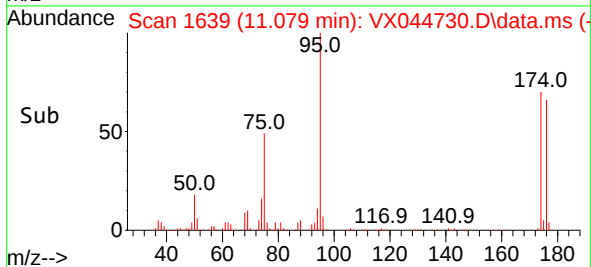
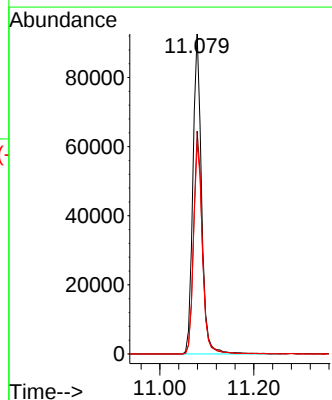
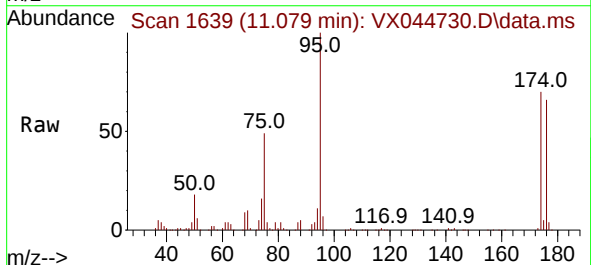
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

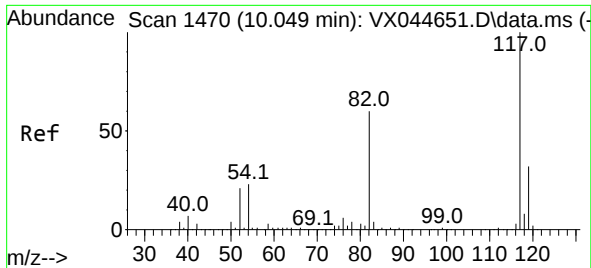
Tgt Ion: 98 Resp: 344907
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 51.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 95 Resp: 119113
Ion Ratio Lower Upper
95 100
174 69.6 0.0 133.0
176 67.4 0.0 129.4

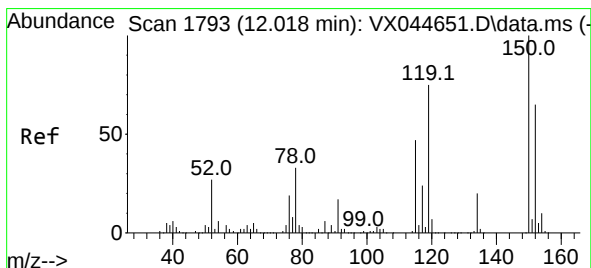
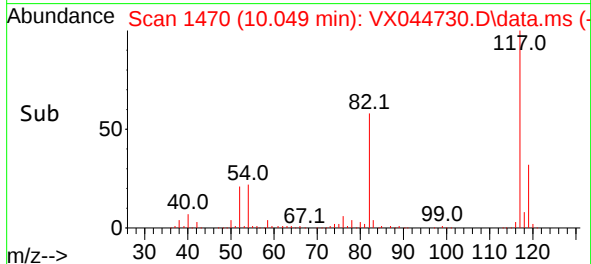
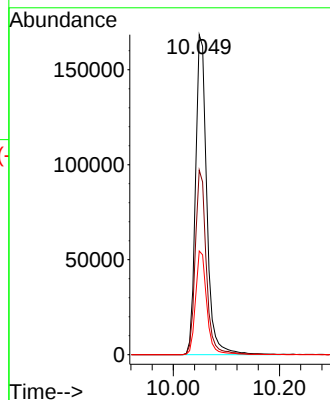
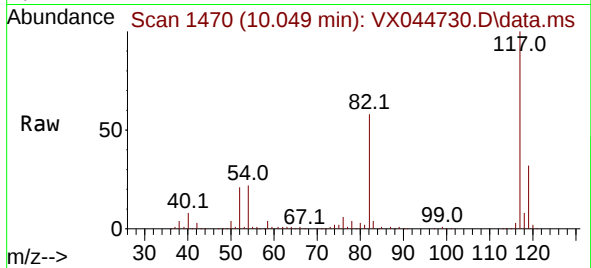




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

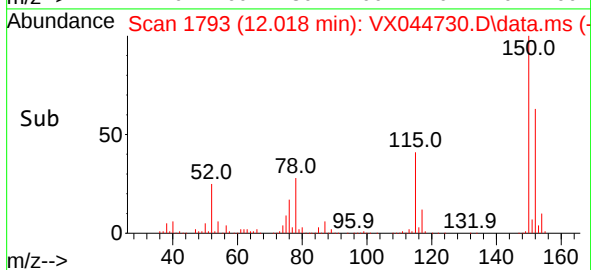
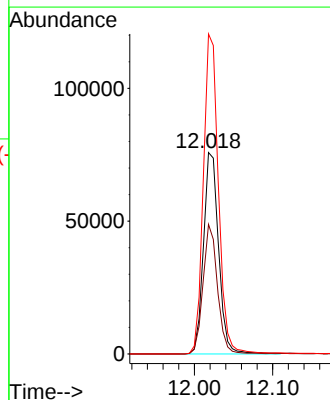
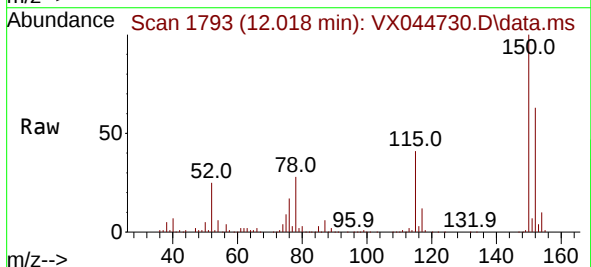
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

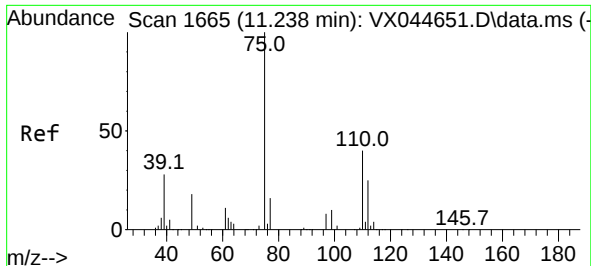
Tgt Ion:117 Resp: 247741
Ion Ratio Lower Upper
117 100
82 57.7 47.6 71.4
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion:152 Resp: 101611
Ion Ratio Lower Upper
152 100
115 61.5 43.8 131.4
150 159.1 0.0 347.8

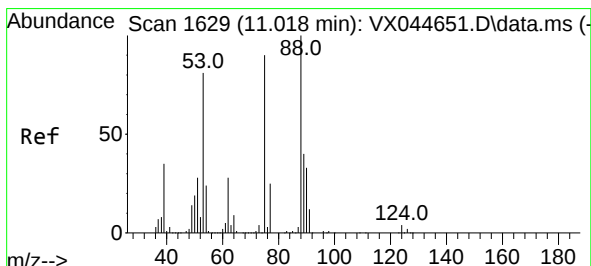
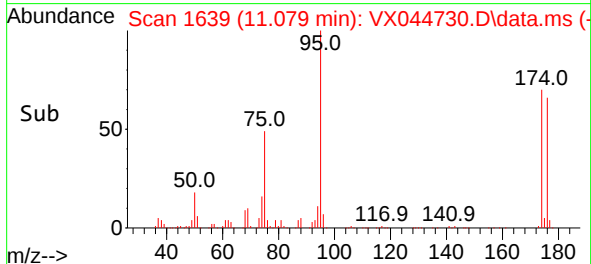
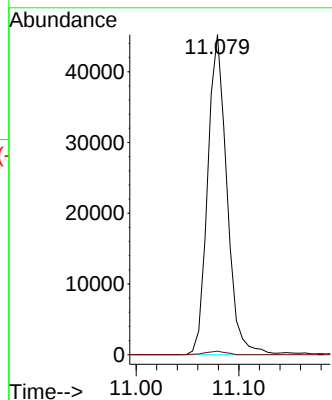
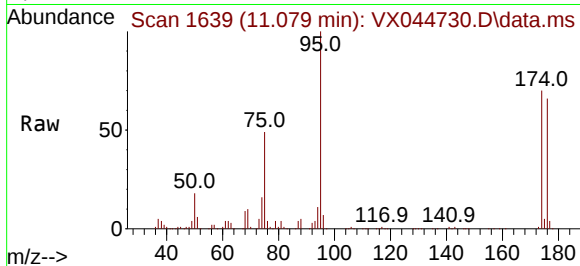




#76
1,2,3-Trichloropropane
Concen: 23.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 58753
Ion Ratio Lower Upper
75 100
77 1.1 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

Tgt Ion: 75 Resp: 58753
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

