

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033025.D
 Acq On : 23 Nov 2022 17:20
 Operator : JC/MD
 Sample : N5744-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Nov 24 04:07:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

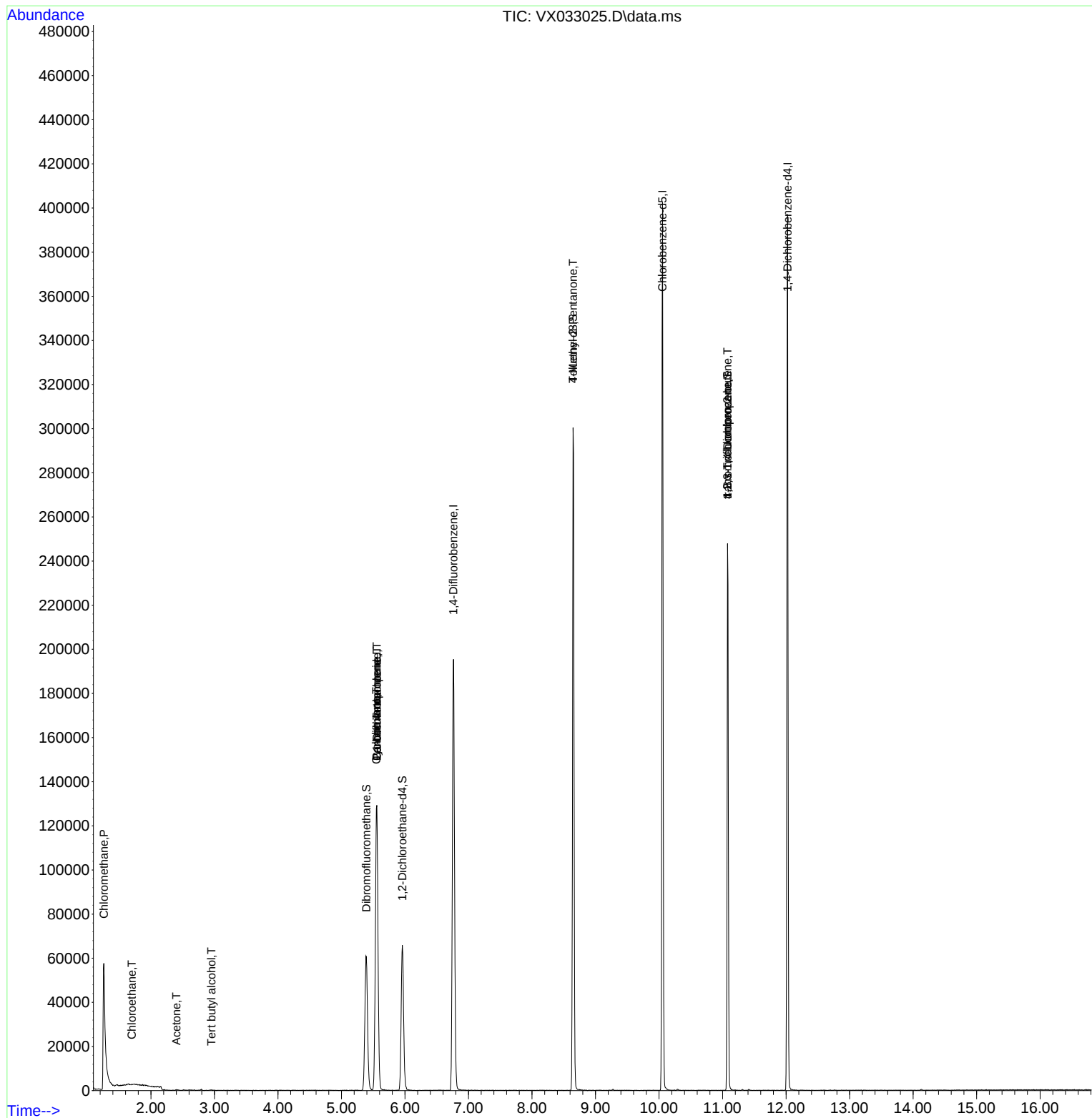
Internal Standards						
1) Pentafluorobenzene	5.556	168	122253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66403	55.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.920%
35) Dibromofluoromethane	5.391	113	53126	47.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	8.647	98	180485	53.354	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.700%
62) 4-Bromofluorobenzene	11.079	95	64902	43.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	2380	2.360	ug/l #	43
6) Chloroethane	1.697	64	442	0.484	ug/l #	42
11) Tert butyl alcohol	2.953	59	89	0.472	ug/l #	72
16) Acetone	2.398	43	476	0.856	ug/l #	45
20) Methylene Chloride	2.788	84	274	Below Cal	#	50
31) Cyclohexane	5.550	56	2579	1.337	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	9373	5.200	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12587	6.294	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	811	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34525	22.057	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34525	71.694	ug/l #	6

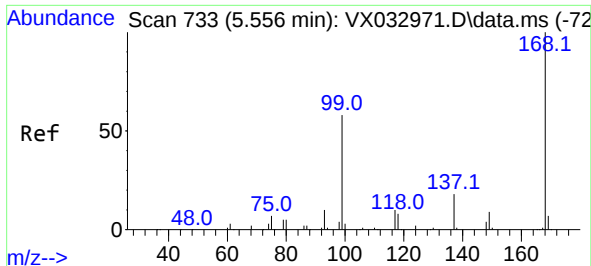
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SOIL-REF-6

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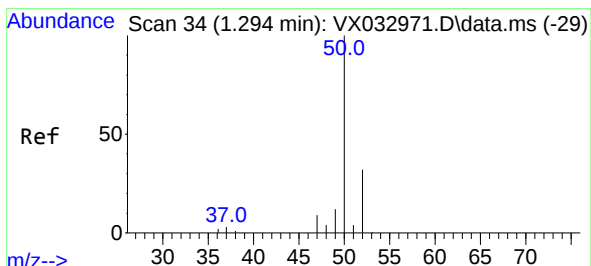
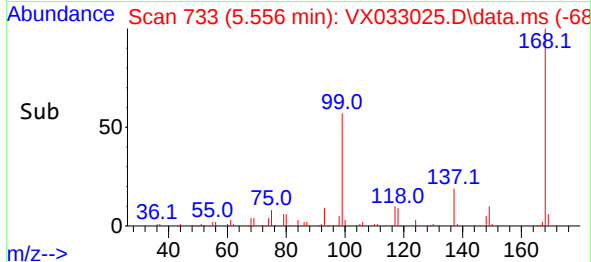
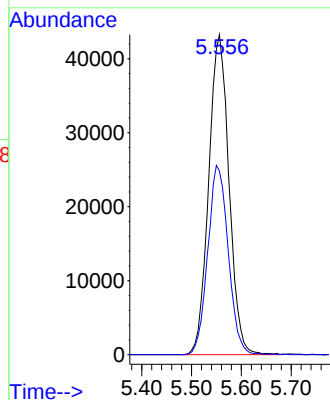
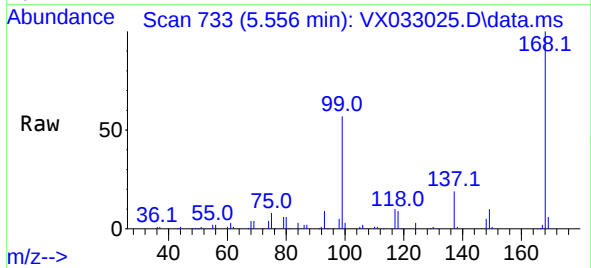




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

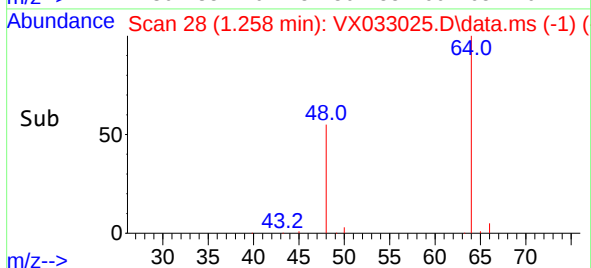
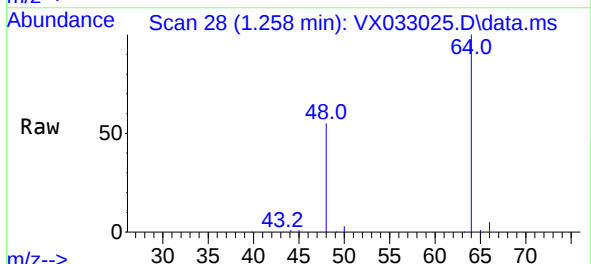
Instrument :
MSVOA_X
ClientSampleId :
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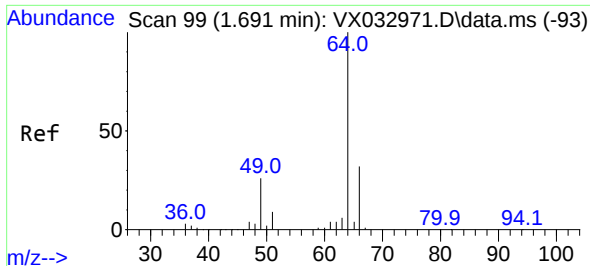
Tgt Ion:168 Resp: 122253
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#3
Chloromethane
Concen: 2.360 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 50 Resp: 2380
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

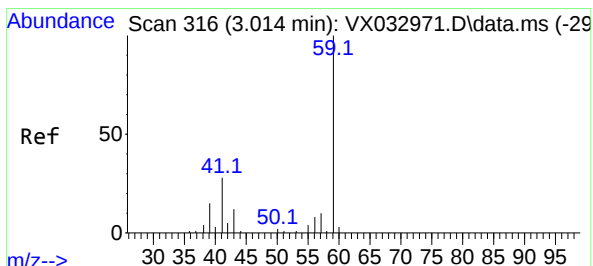
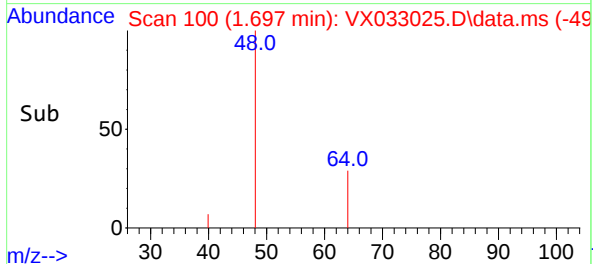
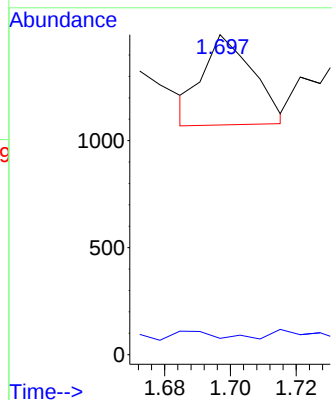
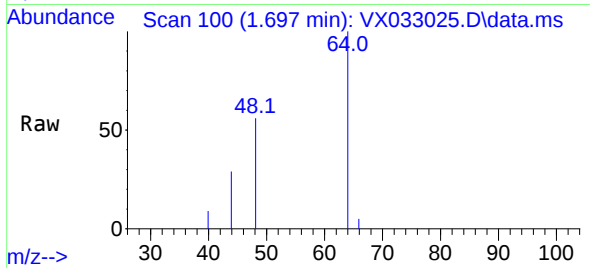




#6
Chloroethane
Concen: 0.484 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.012 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

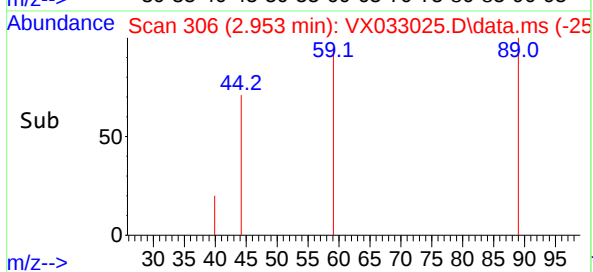
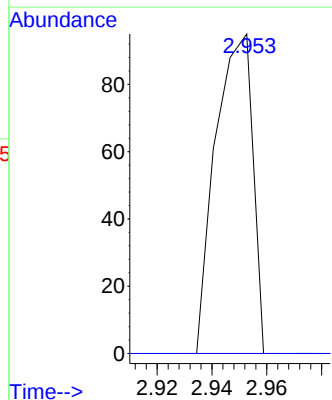
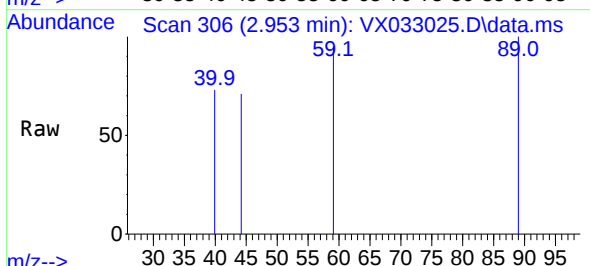
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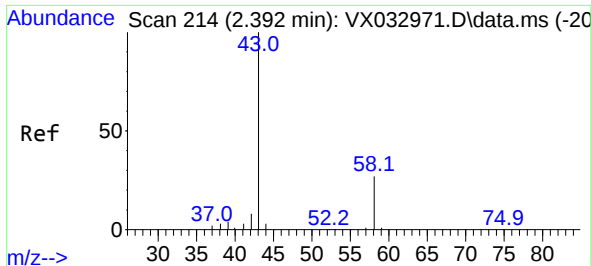
Tgt Ion: 64 Resp: 442
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.472 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

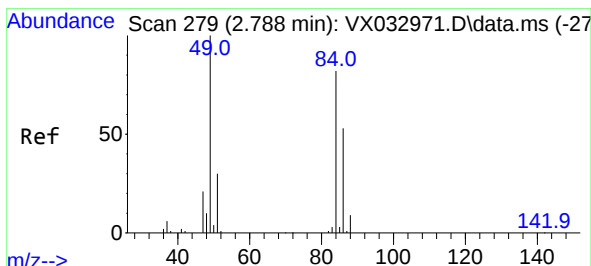
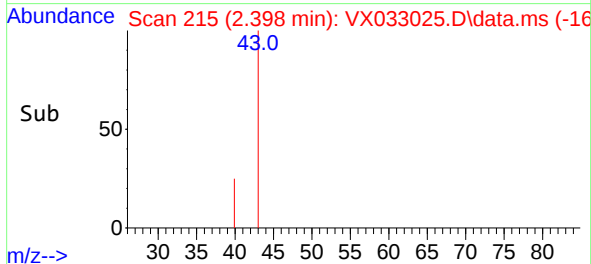
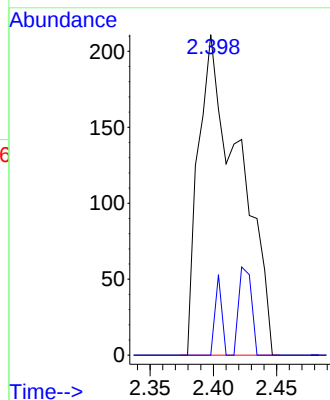
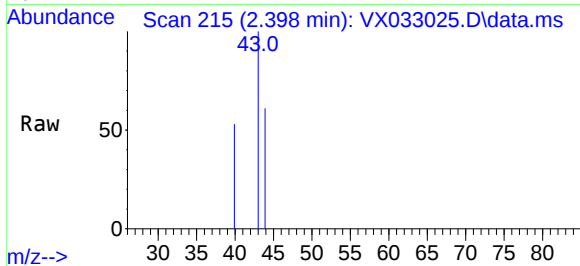




#16
Acetone
Concen: 0.856 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

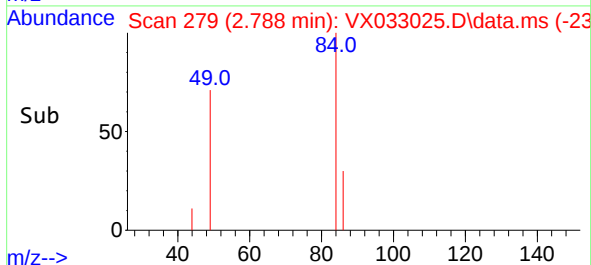
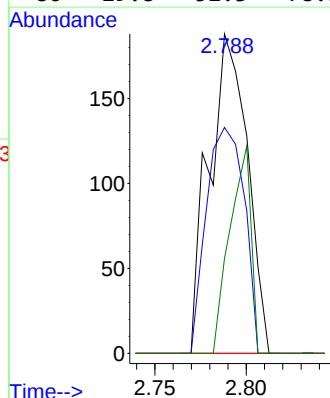
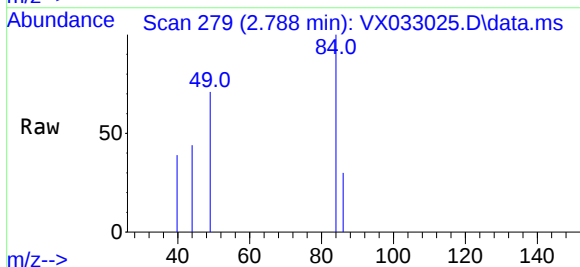
Instrument :
MSVOA_X
ClientSampleId :
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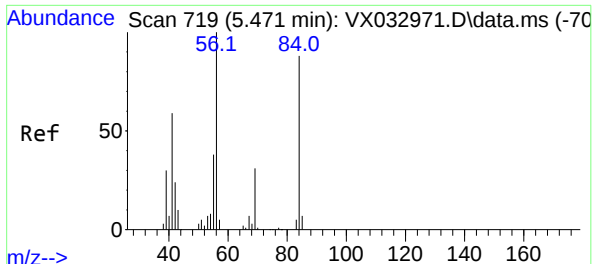
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 84 Resp: 274
Ion Ratio Lower Upper
84 100
49 70.7 101.0 151.6#
51 0.0 31.1 46.7#
86 29.8 52.3 78.5#

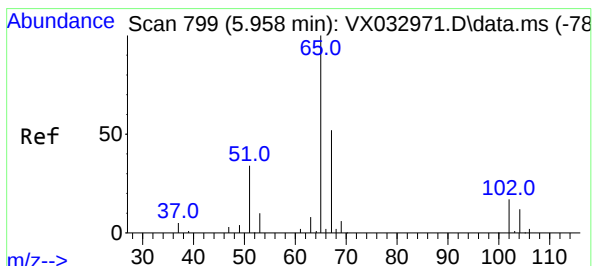
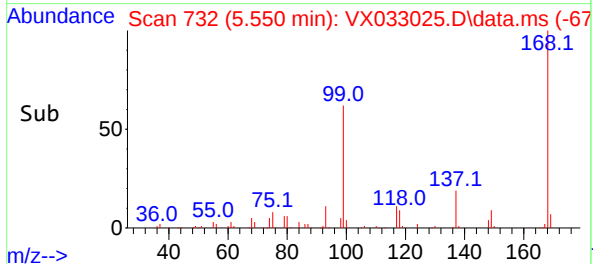
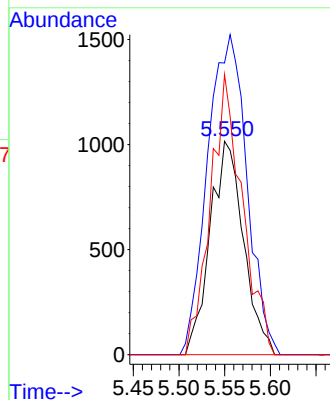
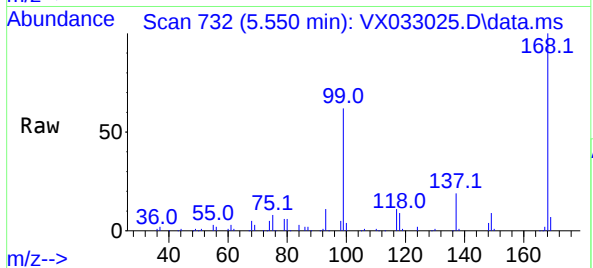




#31
Cyclohexane
Concen: 1.337 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

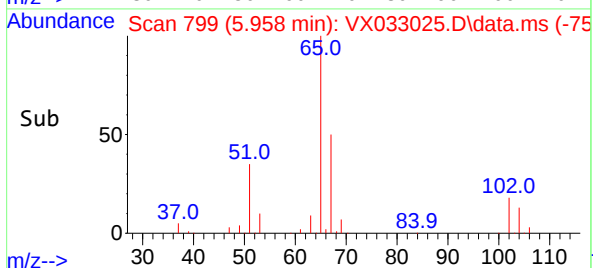
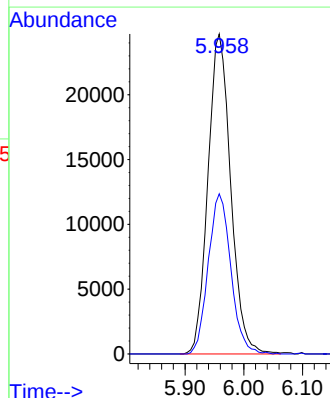
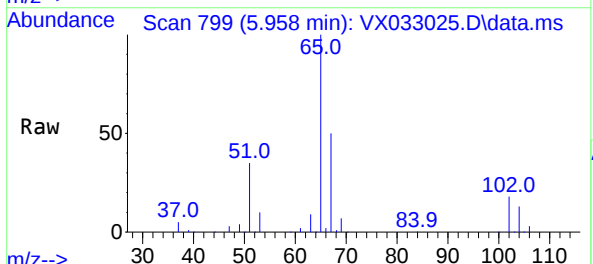
Instrument :
MSVOA_X
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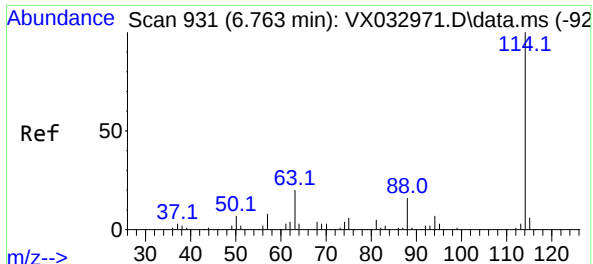
Tgt Ion: 56 Resp: 2579
Ion Ratio Lower Upper
56 100
69 136.6 24.1 36.1#
84 131.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.960 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 65 Resp: 66403
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8

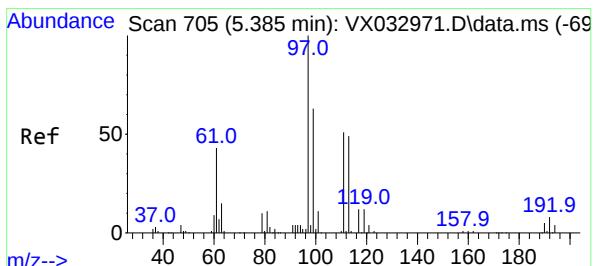
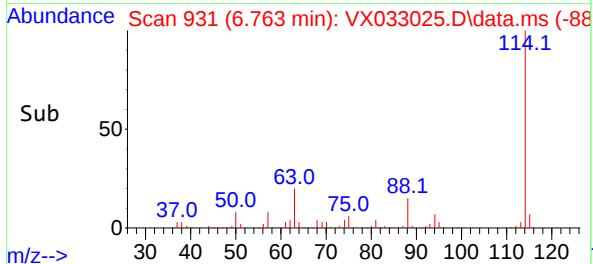
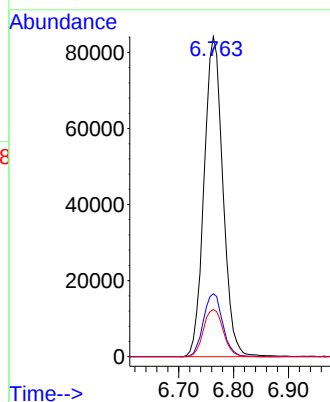
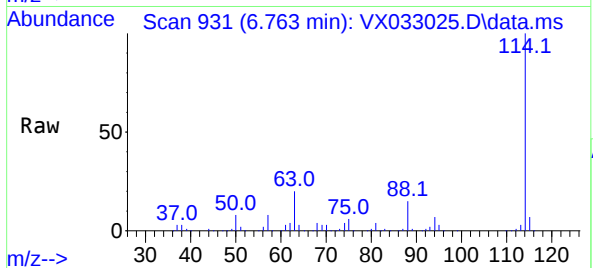




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

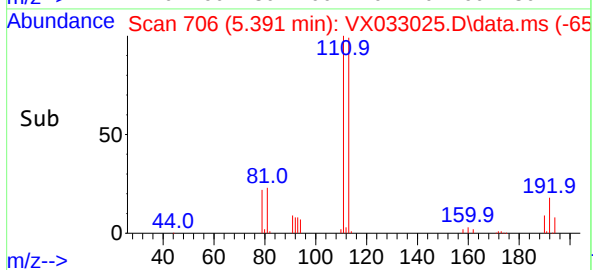
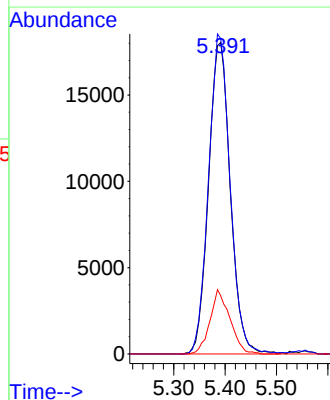
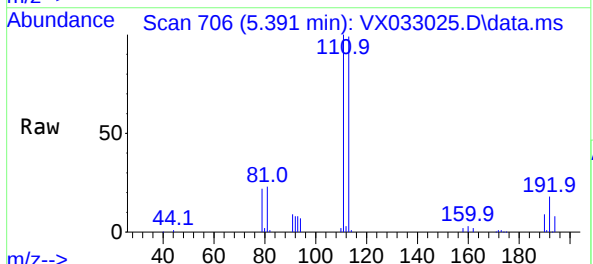
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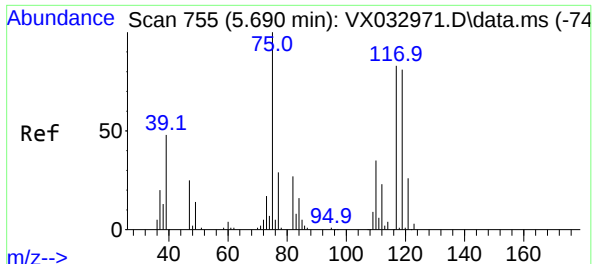
Tgt Ion:114 Resp: 199970
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 14.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.124 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion:113 Resp: 53126
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.9 15.4 23.2

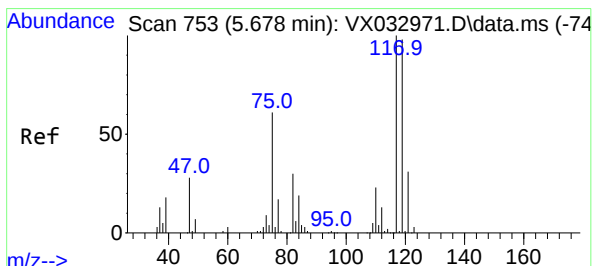
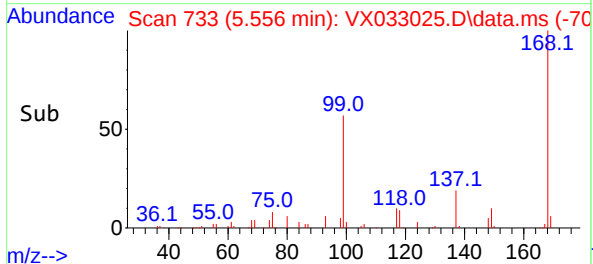
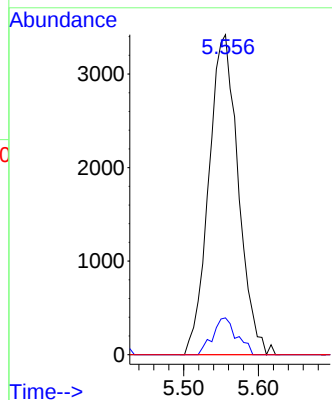
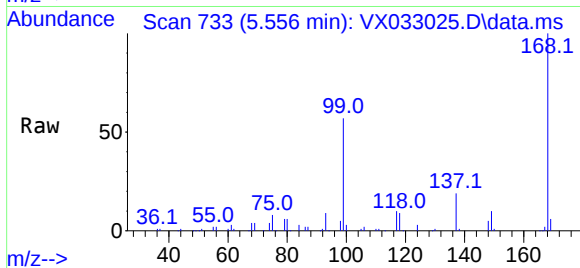




#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

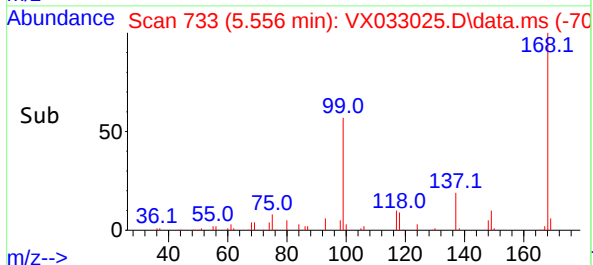
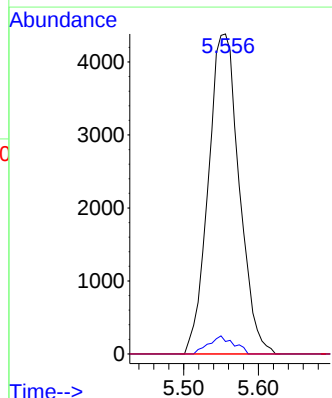
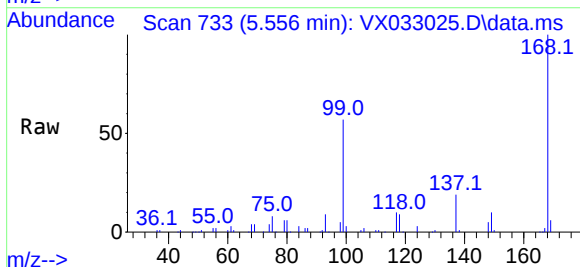
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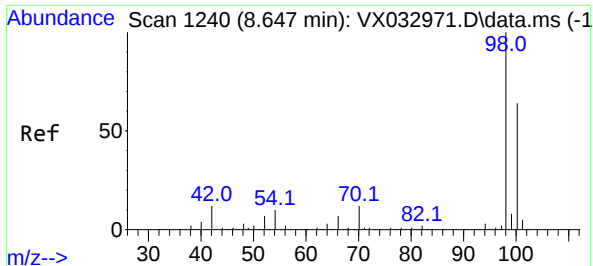
Tgt Ion: 75 Resp: 9373
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.294 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 117 Resp: 12587
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#

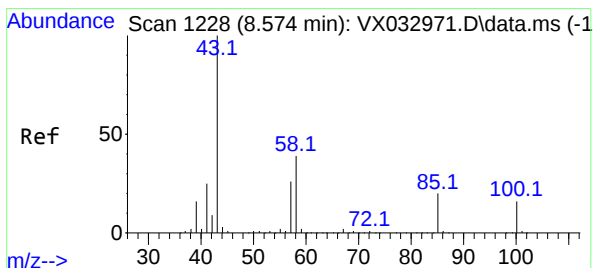
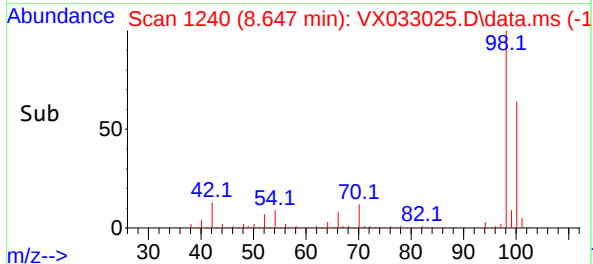
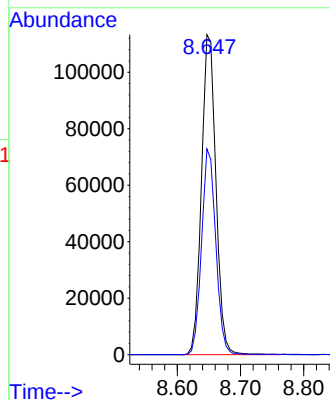
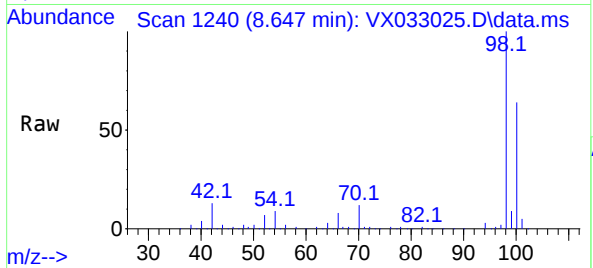




#50
Toluene-d8
Concen: 53.354 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

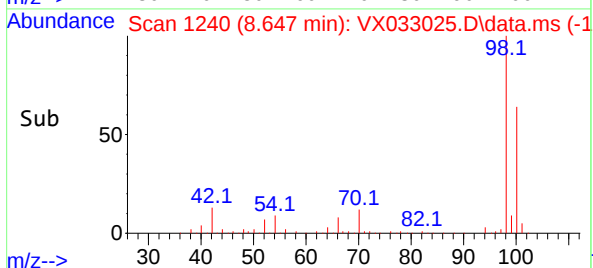
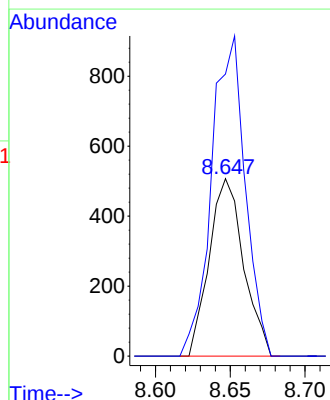
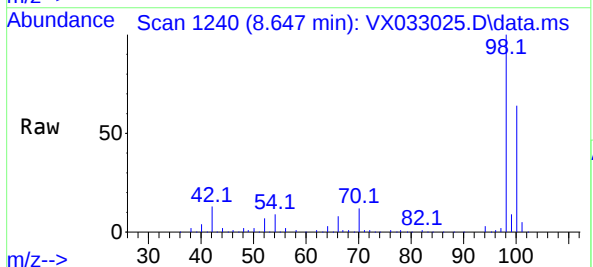
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

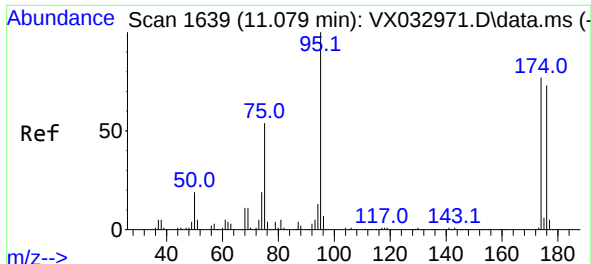
Tgt Ion: 98 Resp: 180485
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 176.6 30.9 46.3#

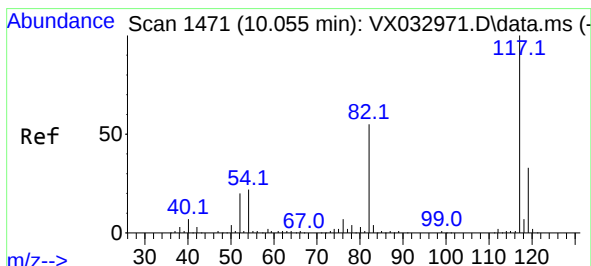
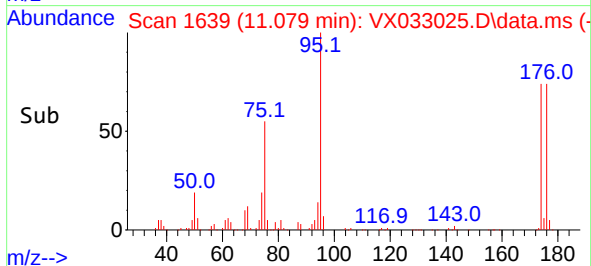
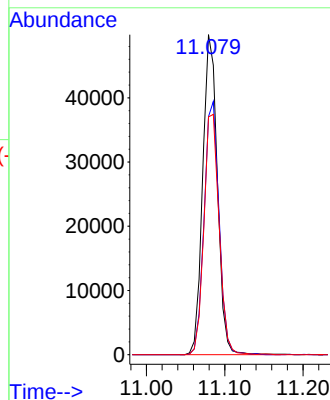
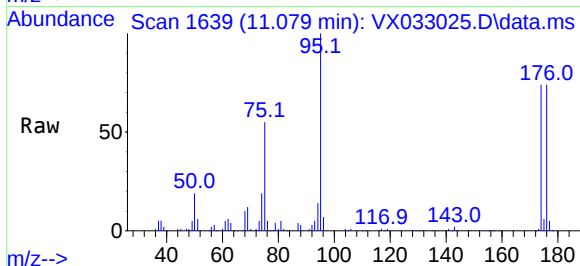




#62
4-Bromofluorobenzene
Concen: 43.826 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

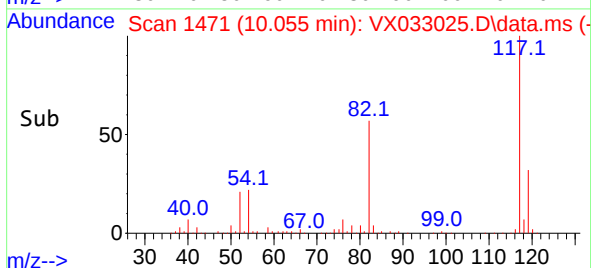
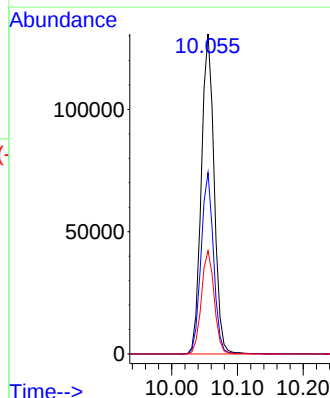
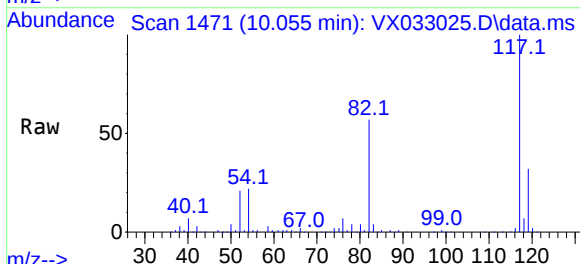
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

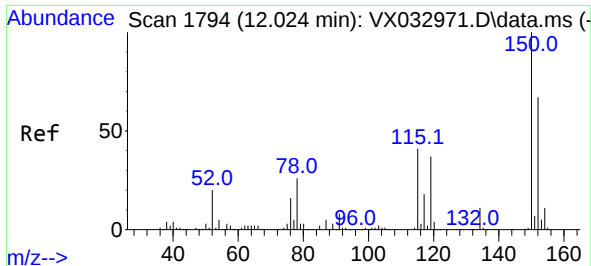
Tgt Ion: 95 Resp: 64902
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 77.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Tgt Ion: 117 Resp: 177075
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.3 25.7 38.5

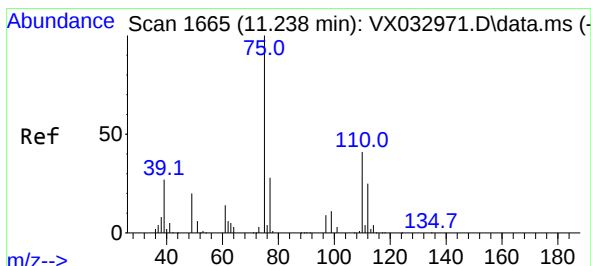
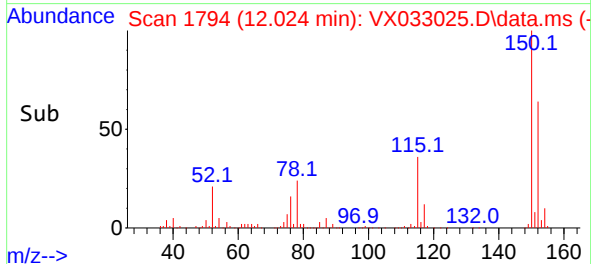
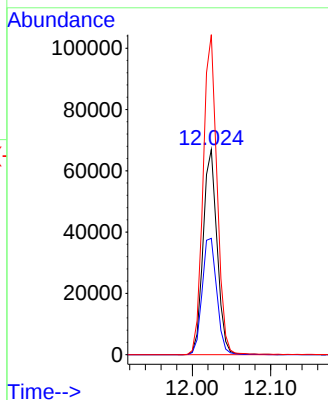
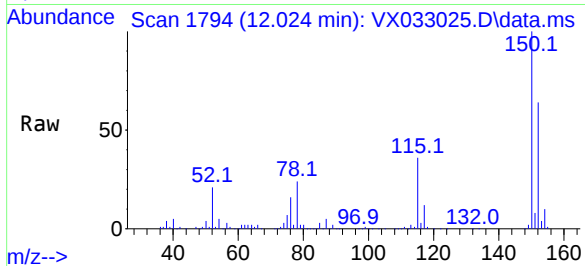




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

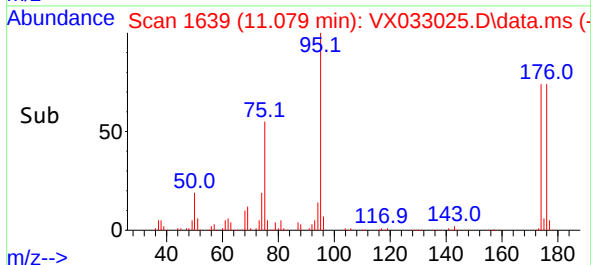
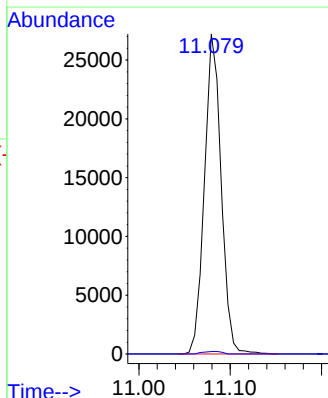
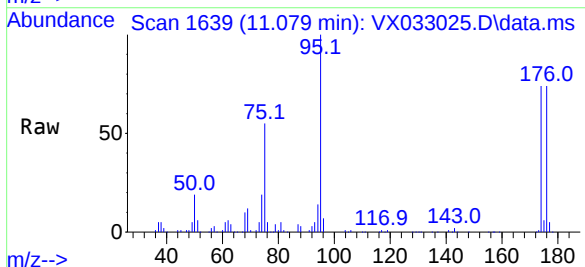
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

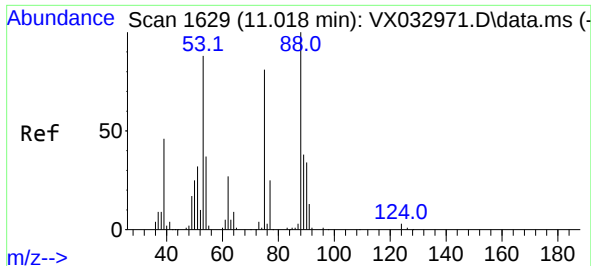
Tgt Ion:152 Resp: 82652
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 156.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

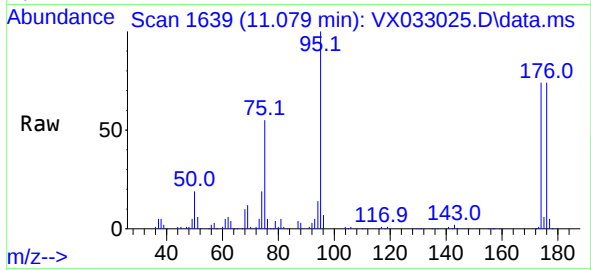
Tgt Ion: 75 Resp: 34525
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.694 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033025.D
Acq: 23 Nov 2022 17:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 75 Resp: 34525
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

