

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025364.D
 Acq On : 29 Nov 2021 13:04
 Operator : JC/MD
 Sample : M4847-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 30 04:00:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

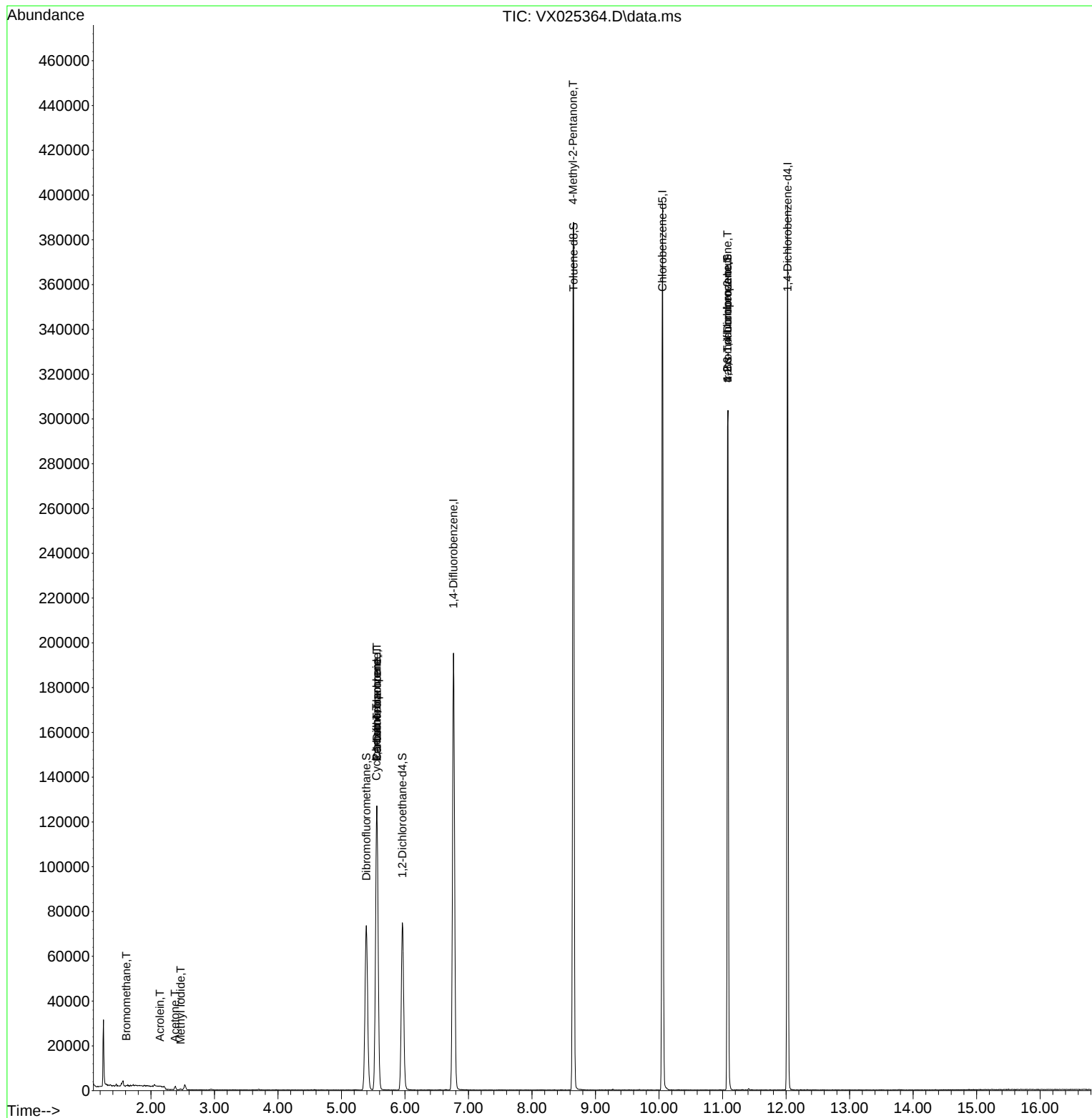
Internal Standards						
1) Pentafluorobenzene	5.556	168	131699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69403	49.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.000%	
35) Dibromofluoromethane	5.391	113	63314	49.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.200%	
50) Toluene-d8	8.653	98	240080	50.020	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	83336	45.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	185	0.277	ug/l #	80
10) Methyl Iodide	2.465	142	428	0.279	ug/l #	73
11) Tert butyl alcohol	2.947	59	155	Below Cal	#	72
13) Acrolein	2.142	56	40	0.629	ug/l #	1
16) Acetone	2.380	43	1457	1.889	ug/l	97
31) Cyclohexane	5.550	56	2209	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8546	4.708	ug/l #	46
38) Carbon Tetrachloride	5.556	117	12185	6.095	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1072	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39944	22.792	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39944	57.417	ug/l #	9
95) Naphthalene	13.786	128	198	Below Cal	#	69

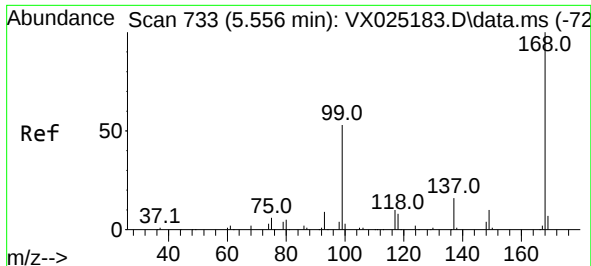
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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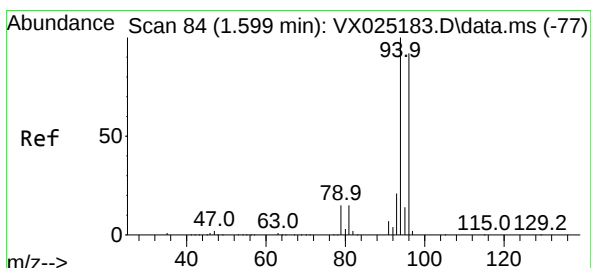
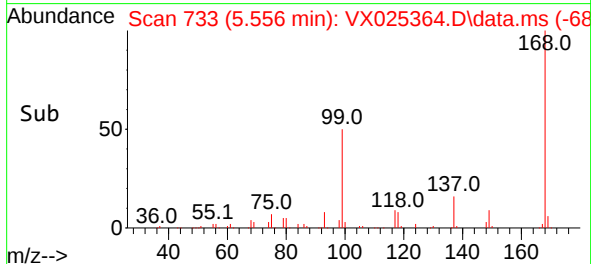
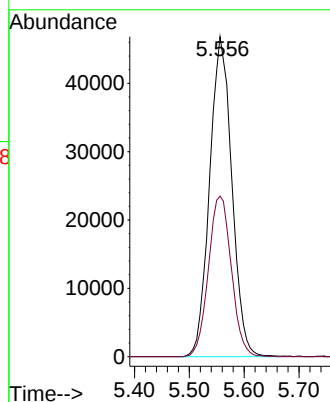
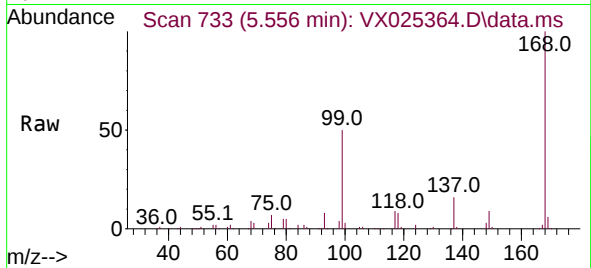




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

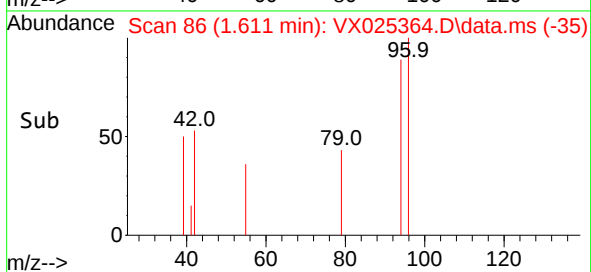
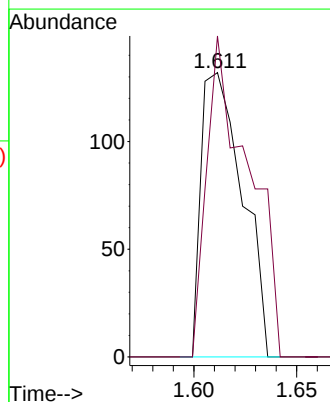
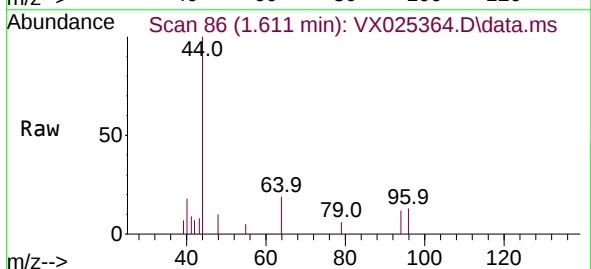
Instrument :
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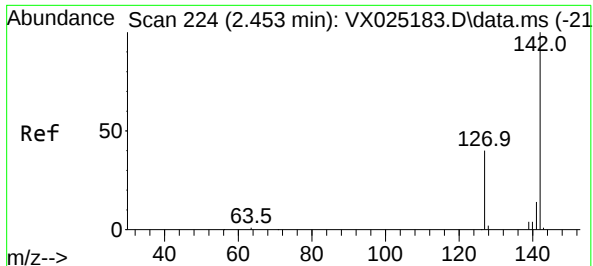
Tgt Ion:168 Resp: 131699
Ion Ratio Lower Upper
168 100
99 50.1 46.4 69.6



#5
Bromomethane
Concen: 0.277 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 112.9 74.8 112.2#

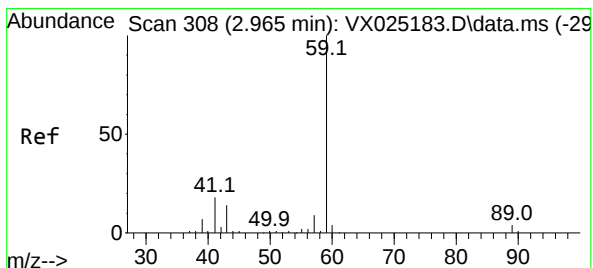
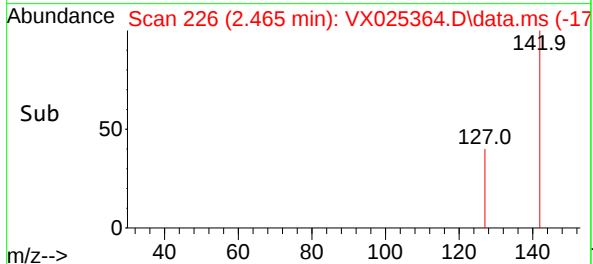
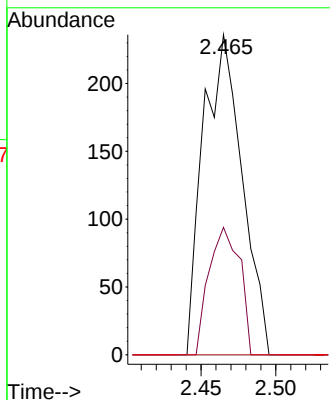
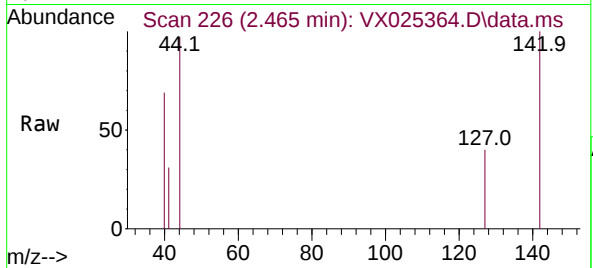




#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

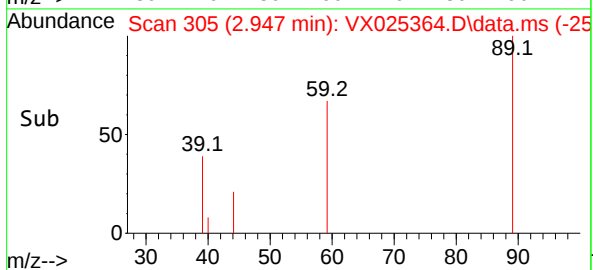
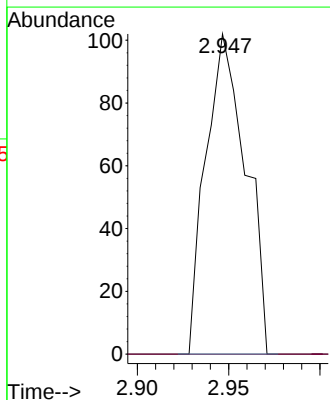
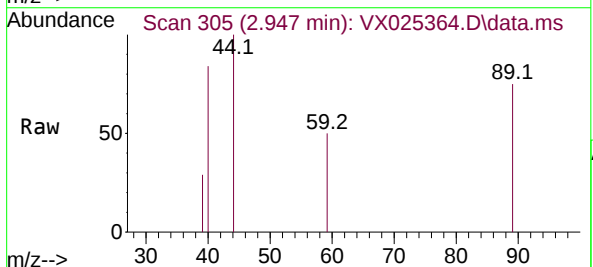
Instrument :
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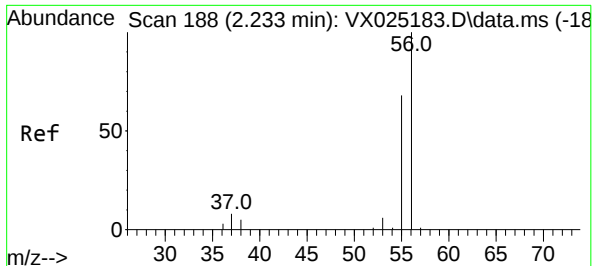
Tgt Ion:142 Resp: 428
Ion Ratio Lower Upper
142 100
127 31.5 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

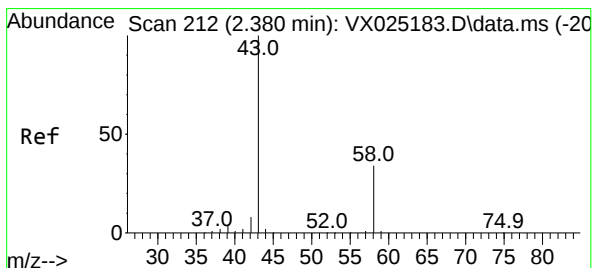
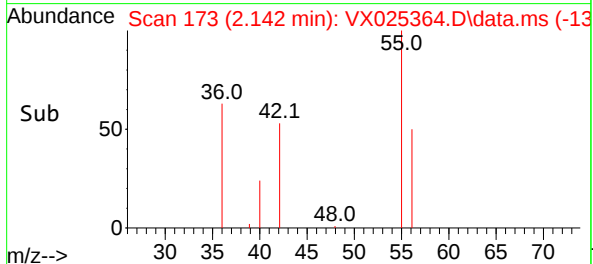
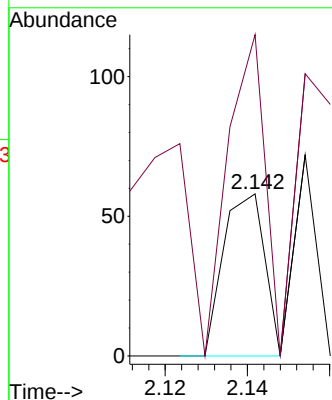
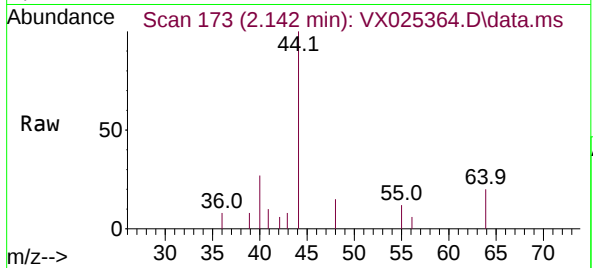




#13
Acrolein
Concen: 0.629 ug/l
RT: 2.142 min Scan# 11
Delta R.T. -0.091 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

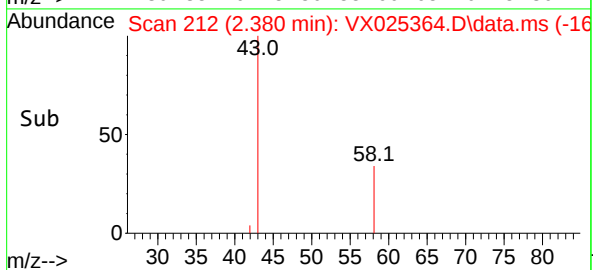
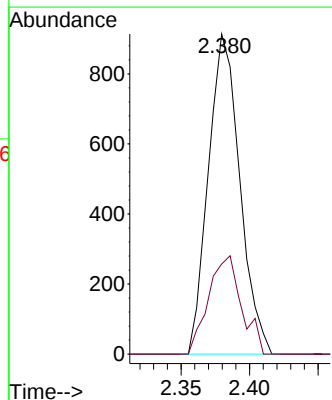
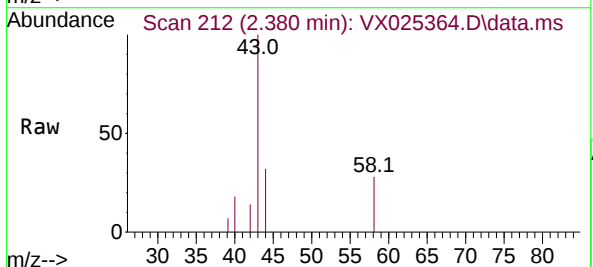
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

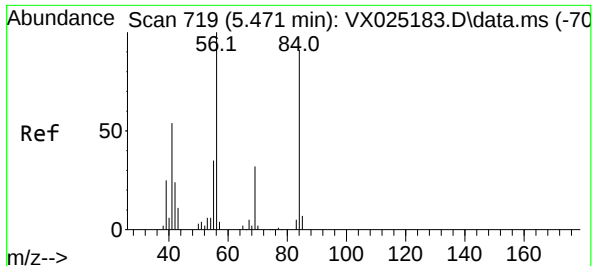
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 180.0 58.6 87.8#



#16
Acetone
Concen: 1.889 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 28.1 24.0 36.0

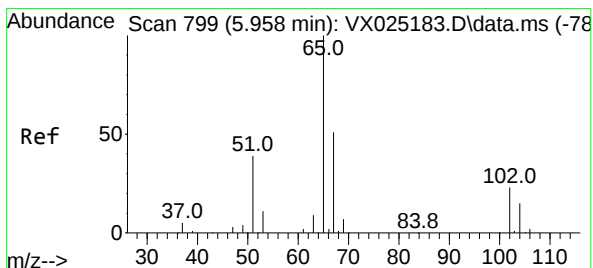
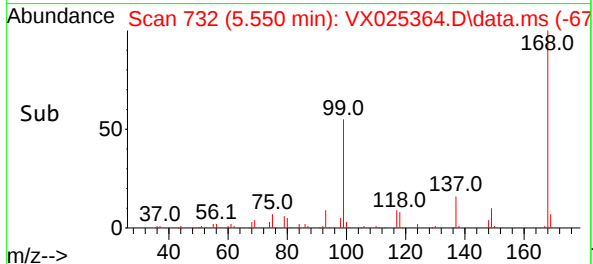
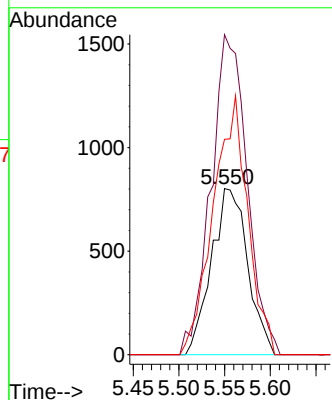
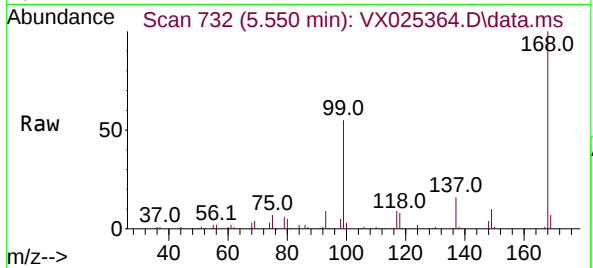




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

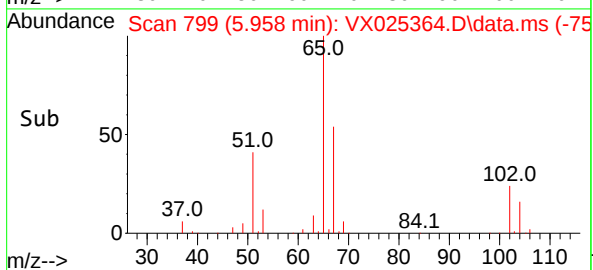
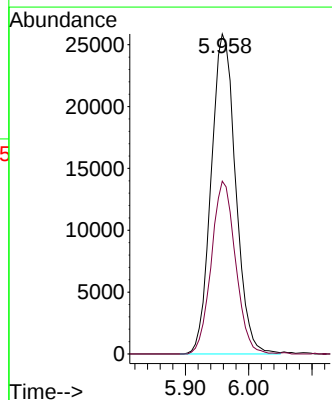
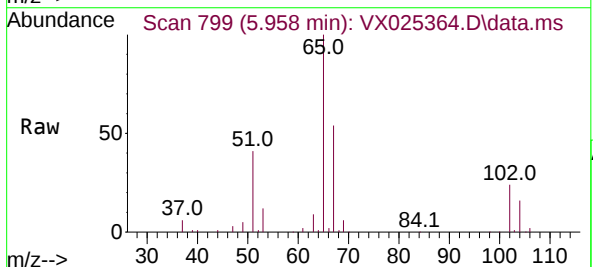
Instrument :
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ClientSampleId :
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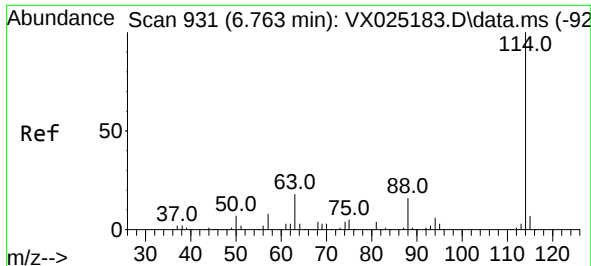
Tgt Ion: 56 Resp: 2209
Ion Ratio Lower Upper
56 100
69 192.6 24.2 36.2#
84 129.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 49.995 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 65 Resp: 69403
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.0

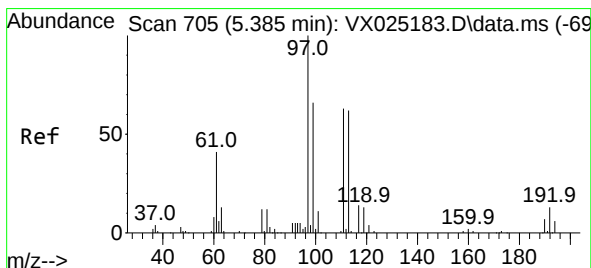
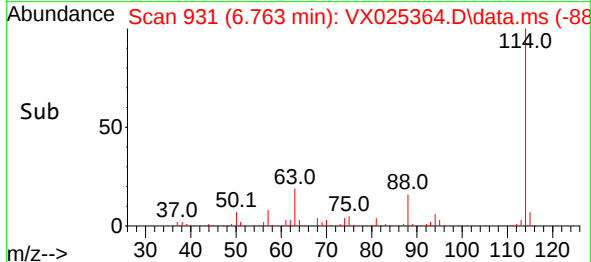
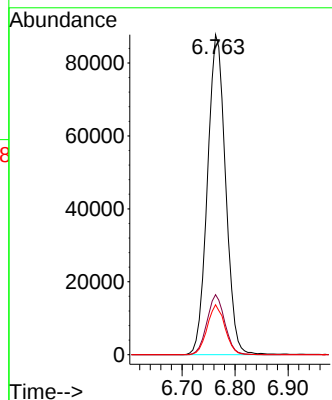
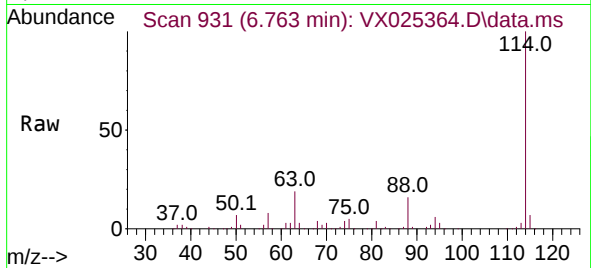




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

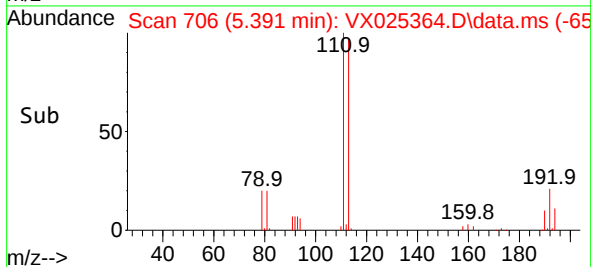
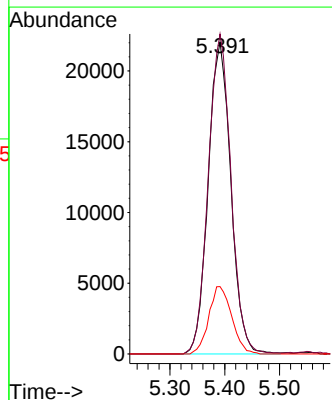
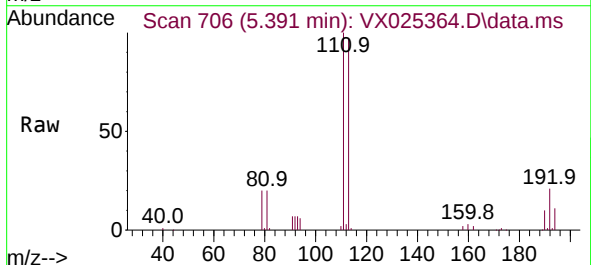
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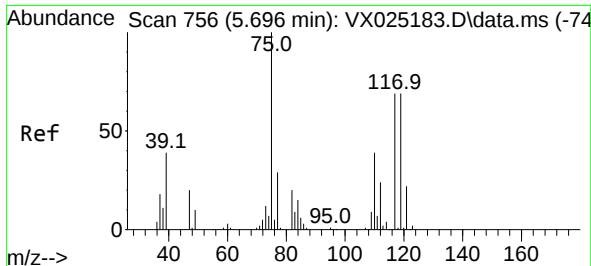
Tgt Ion:114 Resp: 208053
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.598 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion:113 Resp: 63314
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 21.8 15.6 23.4

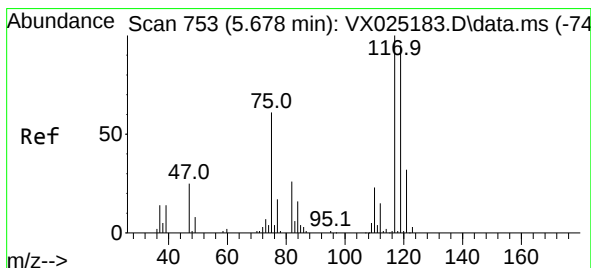
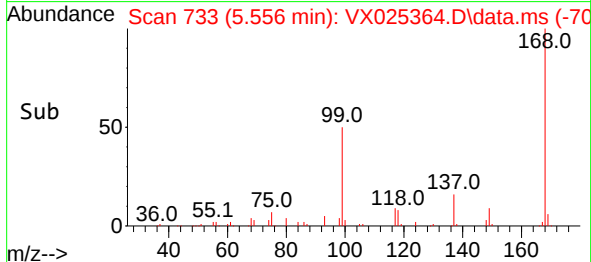
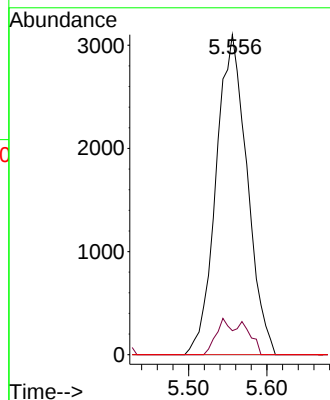
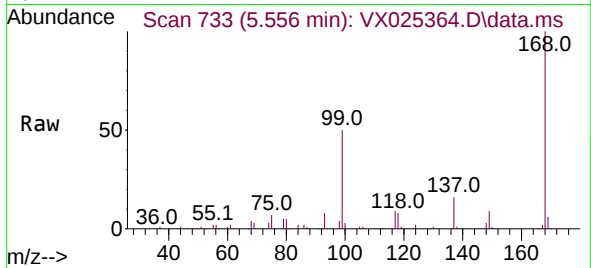




#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

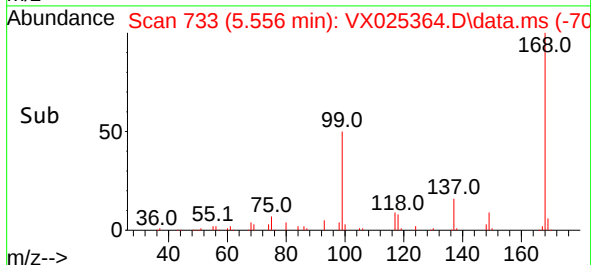
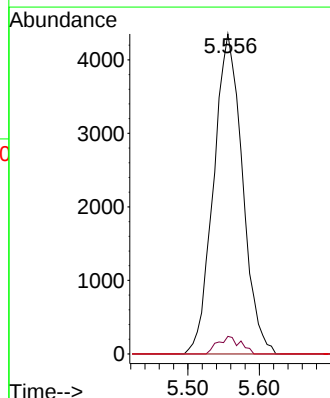
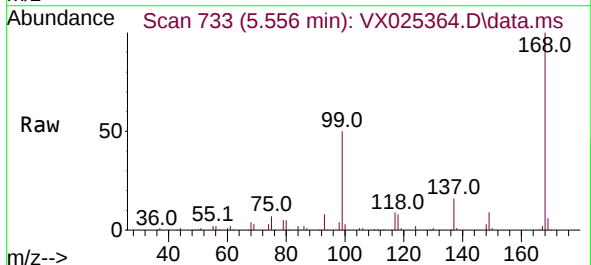
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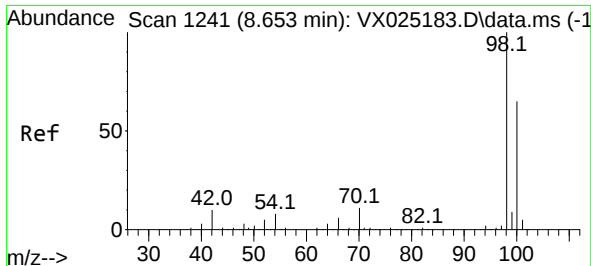
Tgt Ion: 75 Resp: 8546
Ion Ratio Lower Upper
75 100
110 5.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.095 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 117 Resp: 12185
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 23.7 35.5#

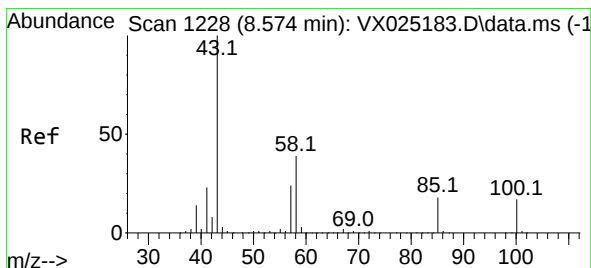
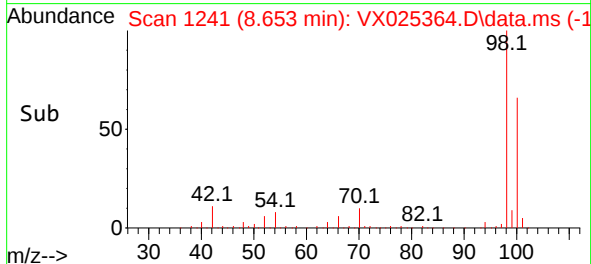
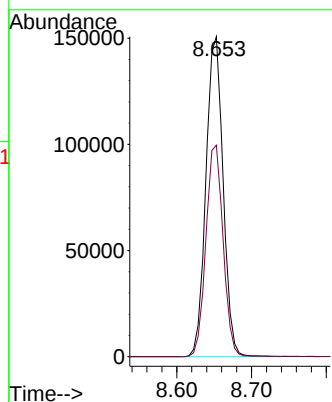
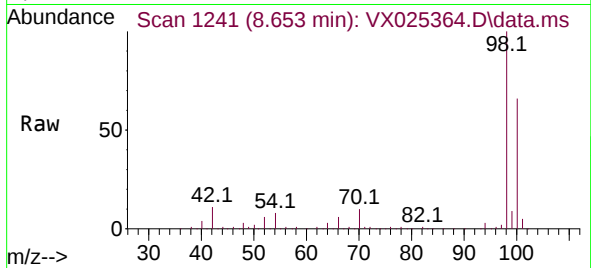




#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

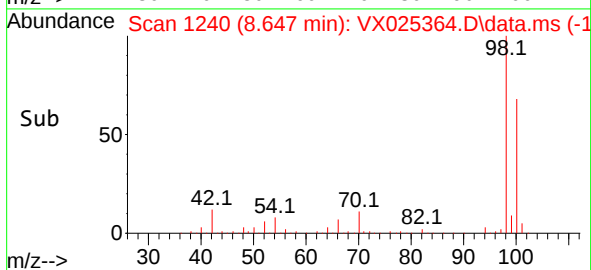
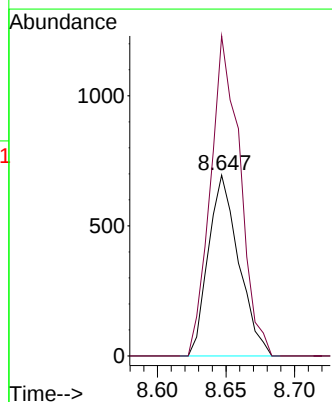
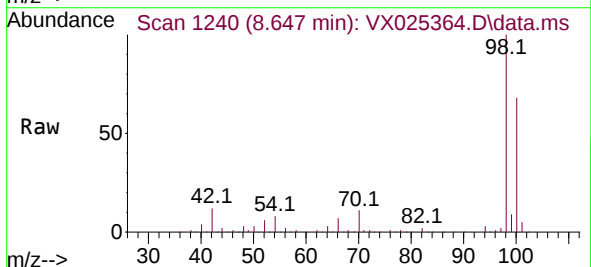
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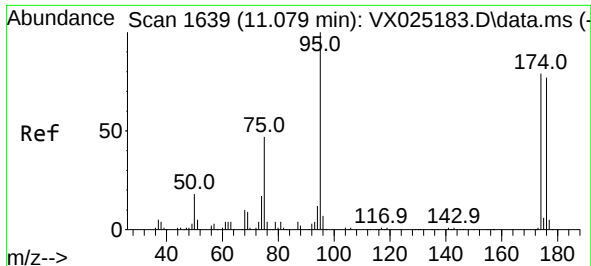
Tgt Ion: 98 Resp: 240080
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 172.1 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 45.896 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025364.D

Acq: 29 Nov 2021 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

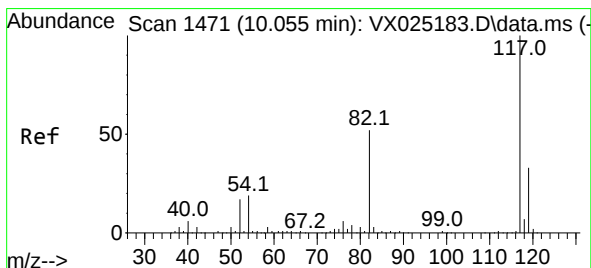
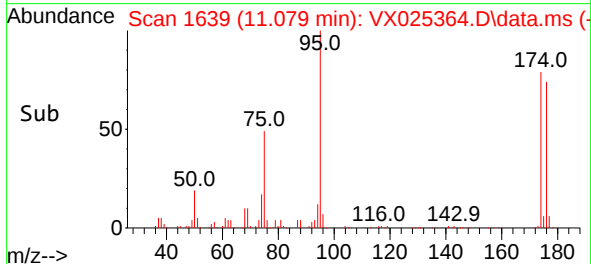
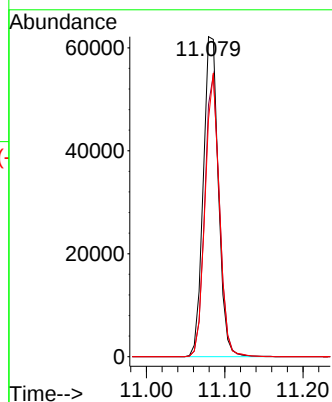
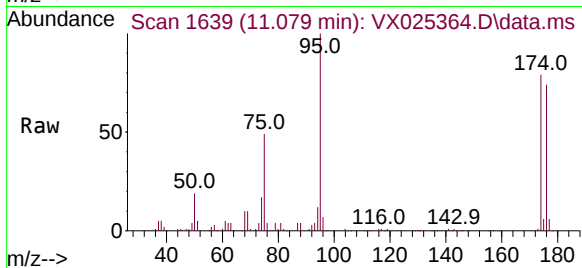
Tgt Ion: 95 Resp: 83336

Ion Ratio Lower Upper

95 100

174 85.4 0.0 158.0

176 83.7 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025364.D

Acq: 29 Nov 2021 13:04

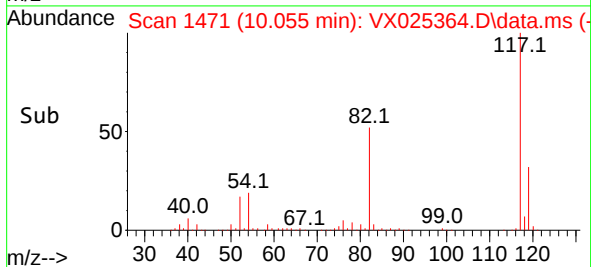
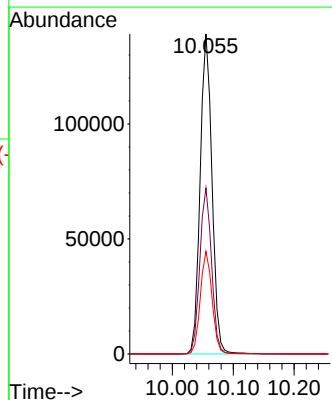
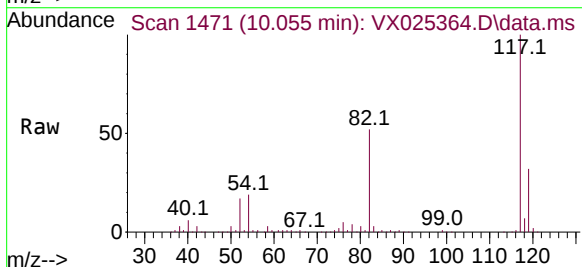
Tgt Ion: 117 Resp: 187764

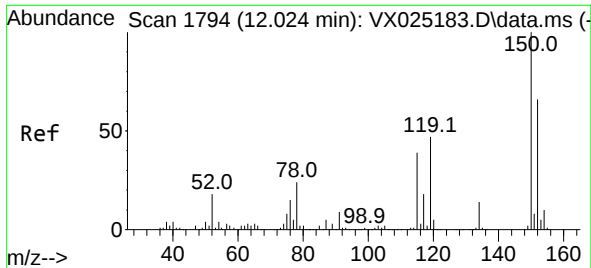
Ion Ratio Lower Upper

117 100

82 51.8 44.6 67.0

119 32.1 24.8 37.2

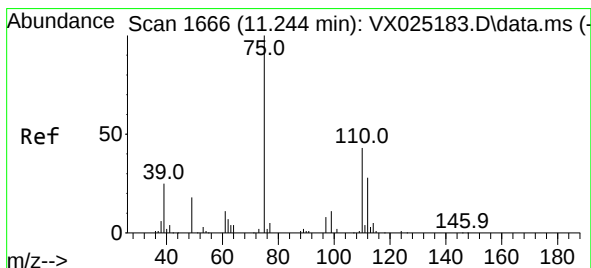
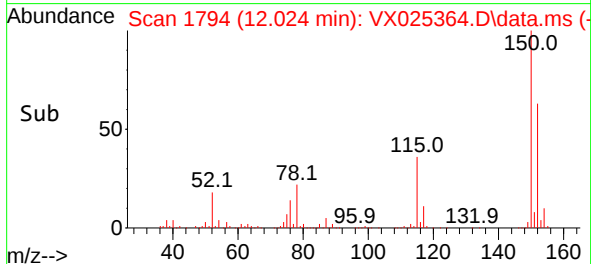
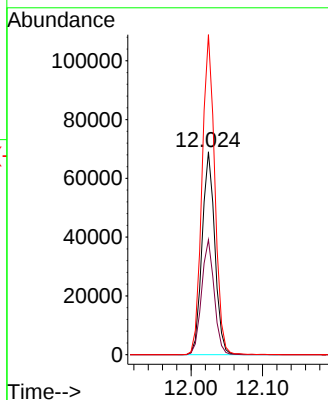
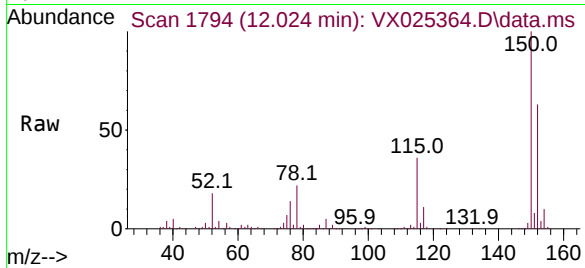




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

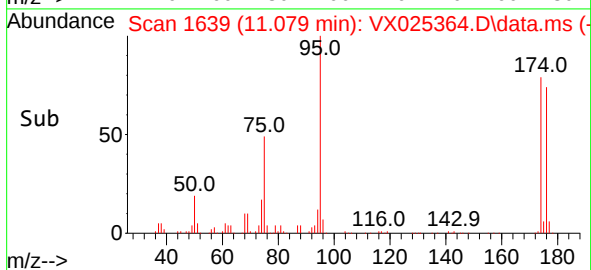
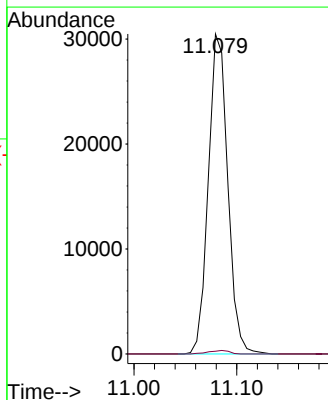
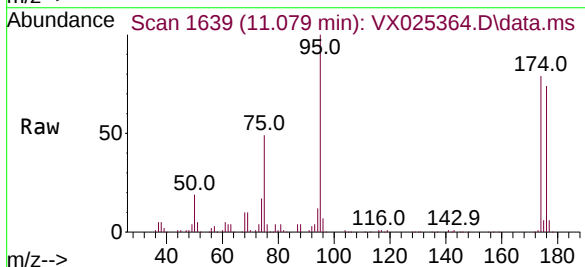
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

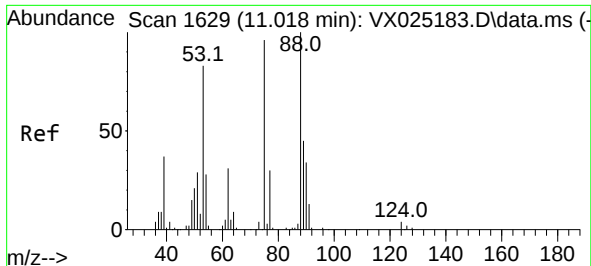
Tgt Ion:152 Resp: 85582
Ion Ratio Lower Upper
152 100
115 55.8 43.3 129.8
150 157.8 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 22.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 75 Resp: 39944
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#

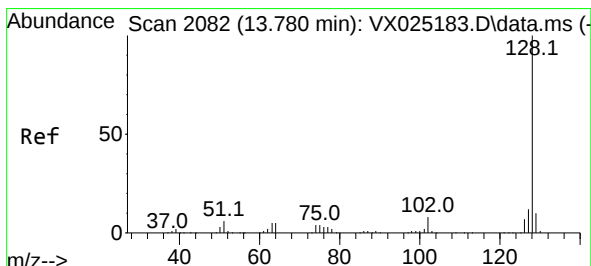
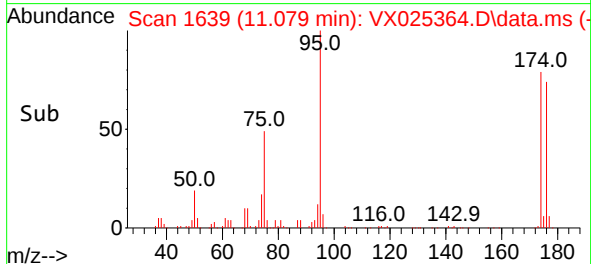
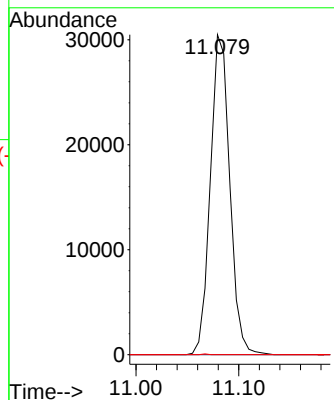
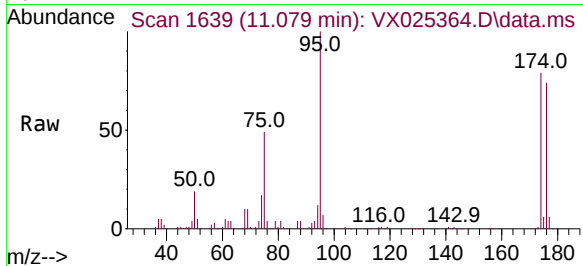




#81
trans-1,4-Dichloro-2-butene
Concen: 57.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

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

Tgt Ion: 75 Resp: 39944
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025364.D
Acq: 29 Nov 2021 13:04

Tgt Ion: 128 Resp: 198
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

