

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075344.D
 Acq On : 14 Feb 2023 15:39
 Operator : KP/SY
 Sample : 01542-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL

Quant Time: Feb 15 03:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

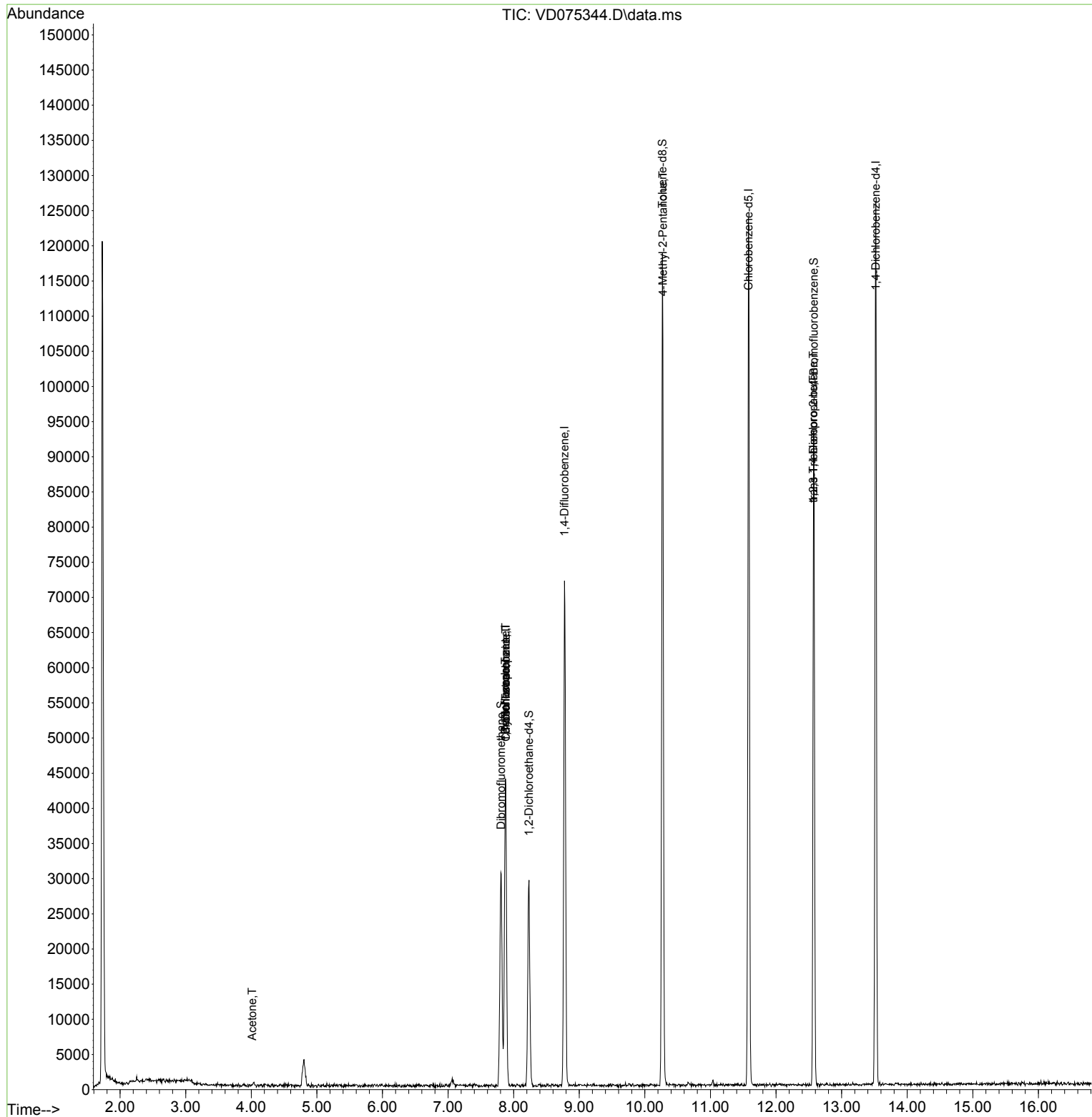
Internal Standards						
1) Pentafluorobenzene	7.875	168	33333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	60378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	67310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	31926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22756	58.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.440%	
35) Dibromofluoromethane	7.810	113	20558	48.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.120%	
50) Toluene-d8	10.269	98	79007	49.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.575	95	28179	53.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	591	5.718	ug/l #	42
31) Cyclohexane	7.875	56	764	1.101	ug/l #	32
36) 1,1-Dichloropropene	7.881	75	2809	4.259	ug/l #	45
38) Carbon Tetrachloride	7.881	117	3513	5.748	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	341	1.227	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	14891	41.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	14891	129.802	ug/l #	14

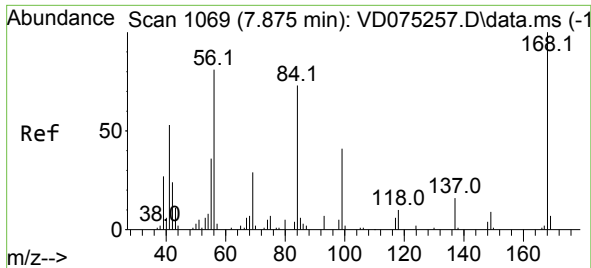
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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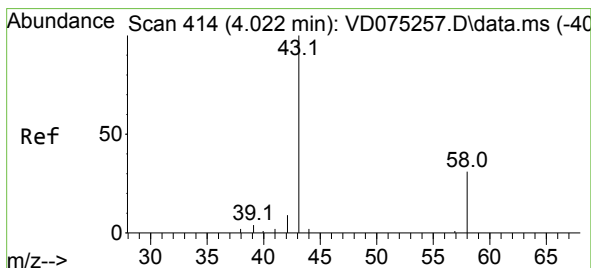
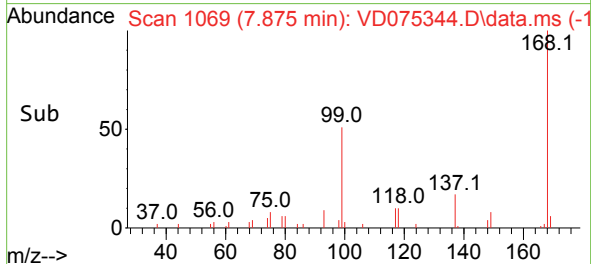
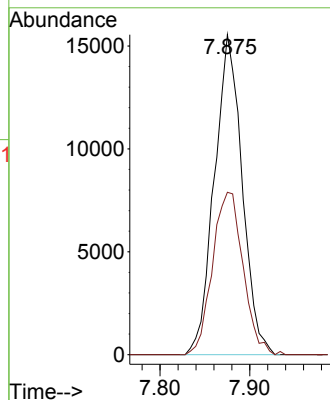
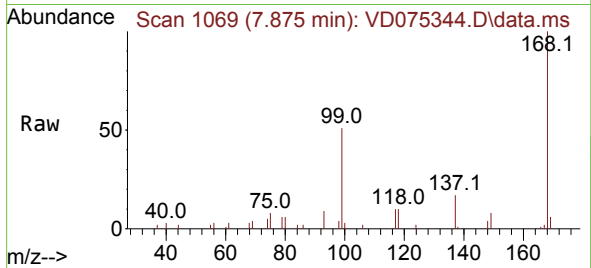




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

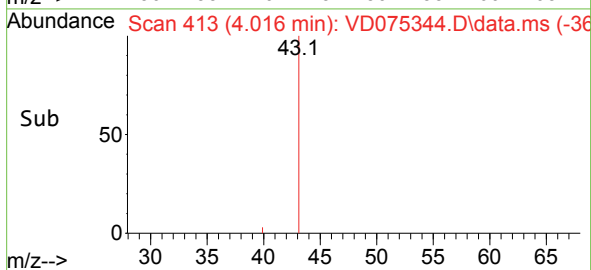
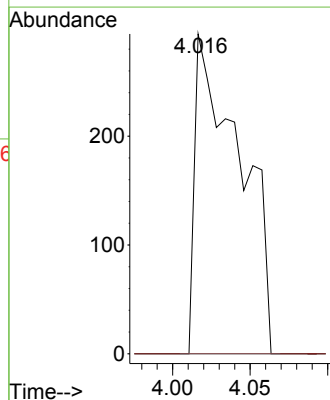
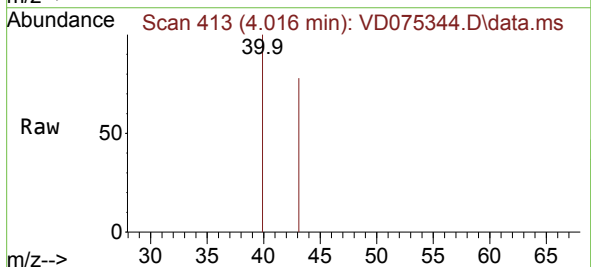
Instrument :
MSVOA_D
ClientSampleId :
SOIL

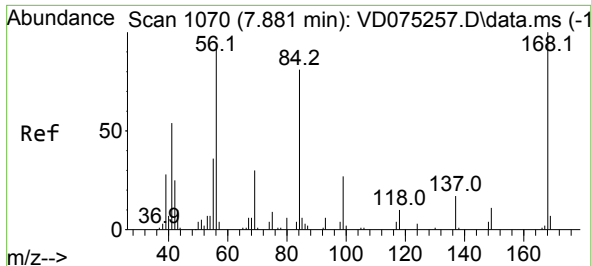
Tgt Ion:168 Resp: 33333
Ion Ratio Lower Upper
168 100
99 50.8 45.2 67.8



#16
Acetone
Concen: 5.718 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

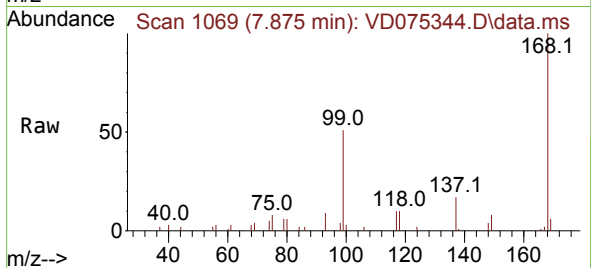
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



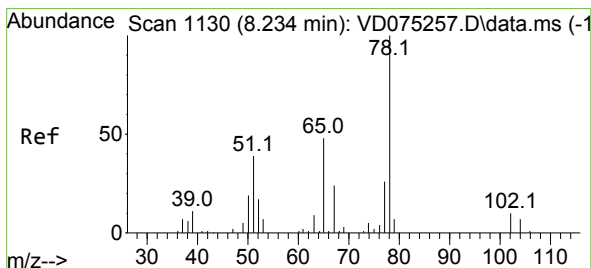
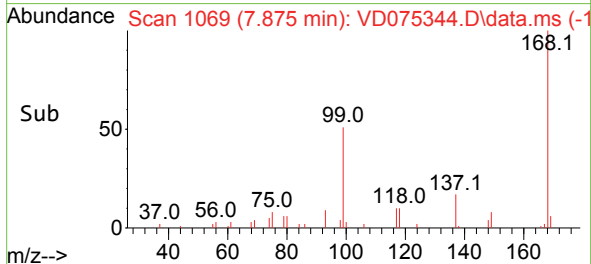
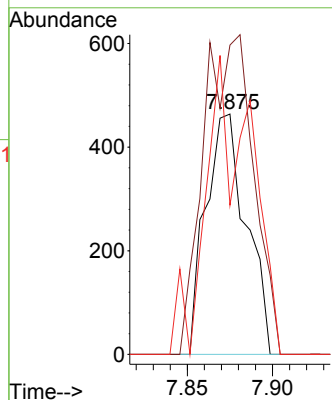


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Instrument :
MSVOA_D
ClientSampleId :
SOIL

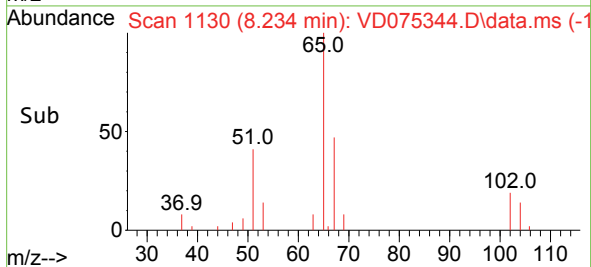
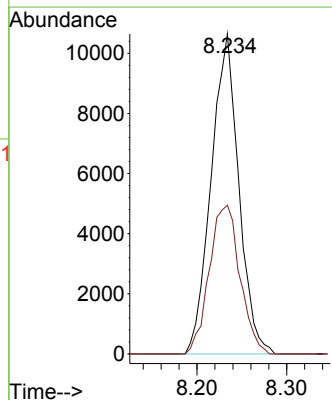
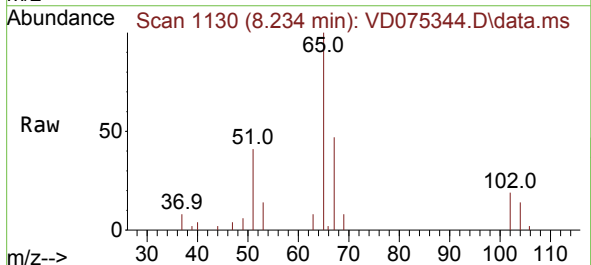


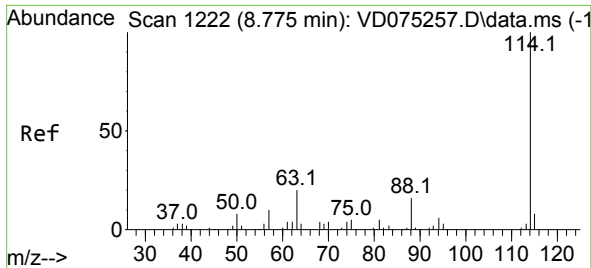
Tgt Ion: 56 Resp: 764
Ion Ratio Lower Upper
56 100
69 128.7 26.6 40.0#
84 62.1 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 58.221 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Tgt Ion: 65 Resp: 22756
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075344.D

Acq: 14 Feb 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

SOIL

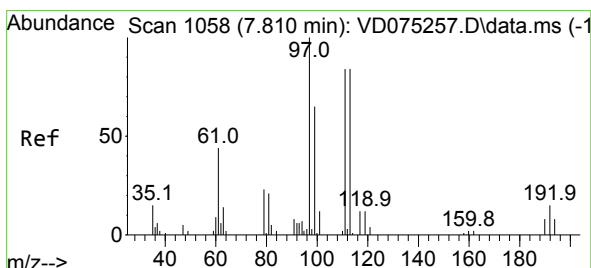
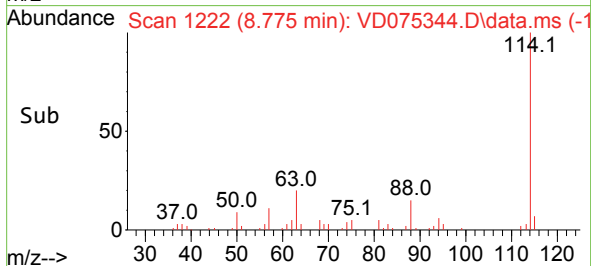
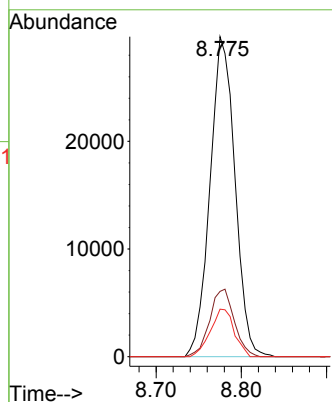
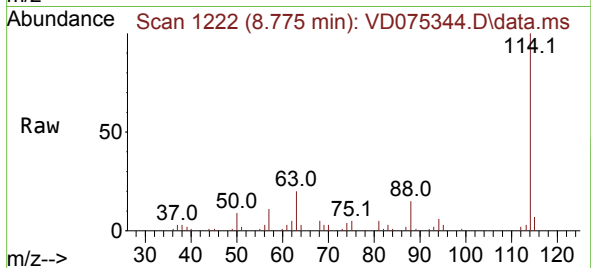
Tgt Ion:114 Resp: 60378

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.558 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075344.D

Acq: 14 Feb 2023 15:39

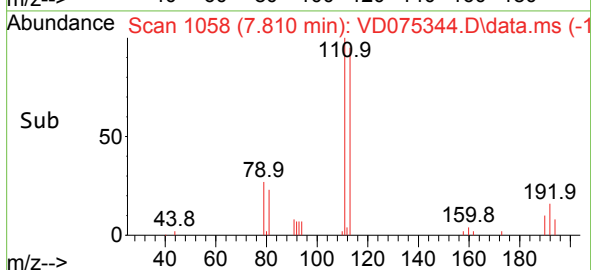
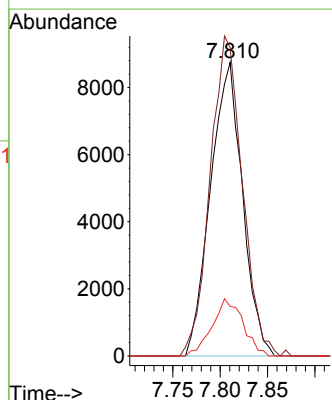
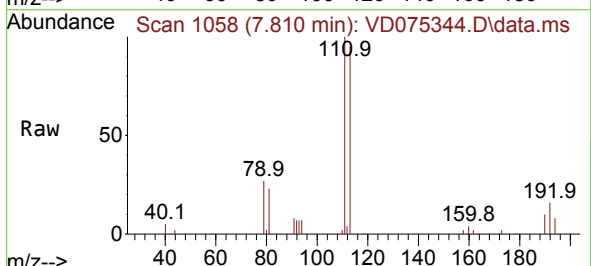
Tgt Ion:113 Resp: 20558

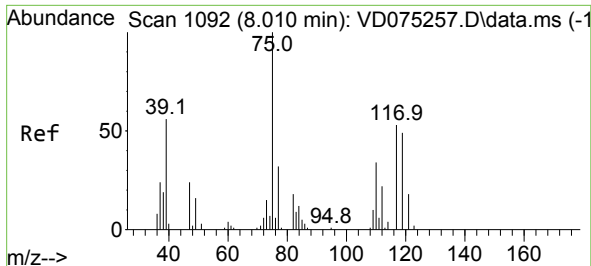
Ion Ratio Lower Upper

113 100

111 109.3 80.1 120.1

192 18.8 15.4 23.0

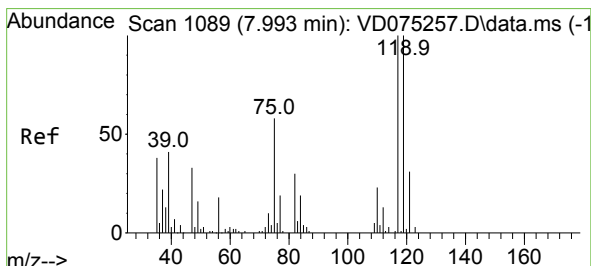
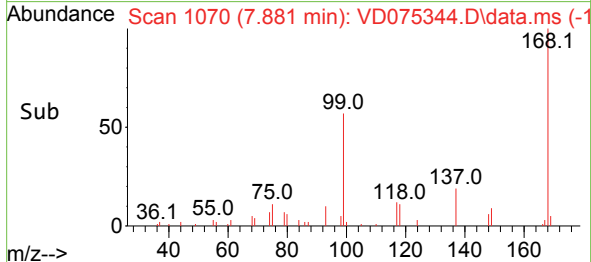
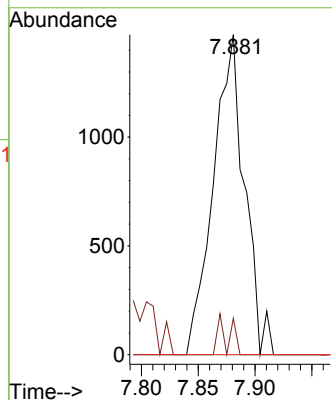
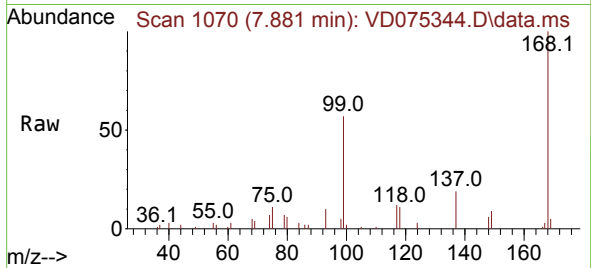




#36
 1,1-Dichloropropene
 Concen: 4.259 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.129 min
 Lab File: VD075344.D
 Acq: 14 Feb 2023 15:39

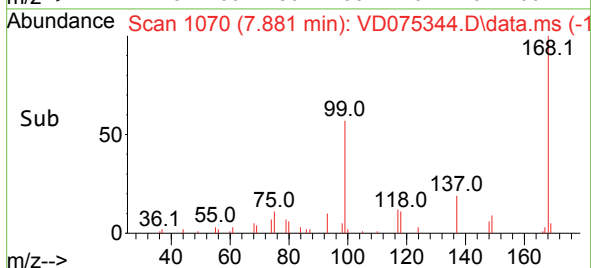
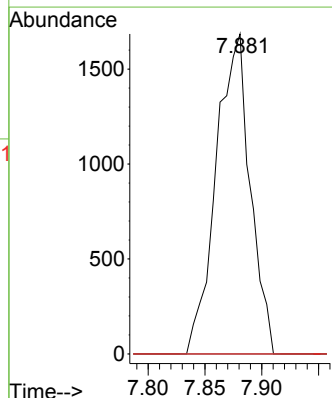
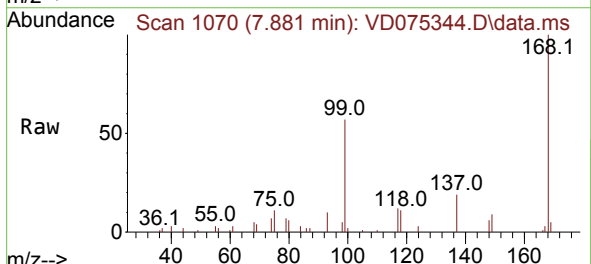
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL

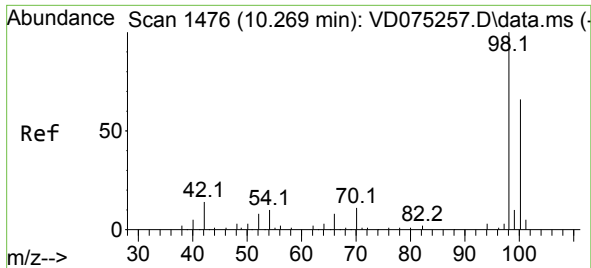
Tgt Ion: 75 Resp: 2809
 Ion Ratio Lower Upper
 75 100
 110 4.4 18.1 54.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.748 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.112 min
 Lab File: VD075344.D
 Acq: 14 Feb 2023 15:39

Tgt Ion: 117 Resp: 3513
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.4 38.0#

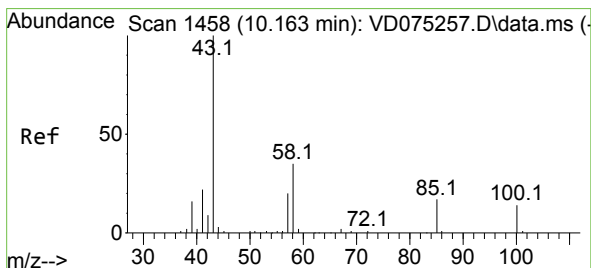
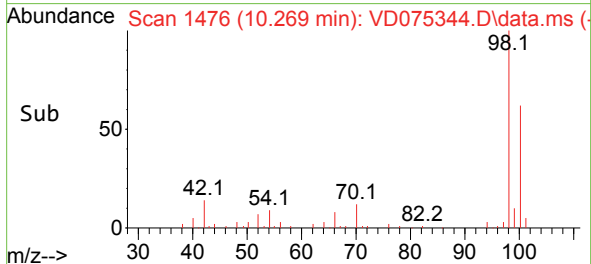
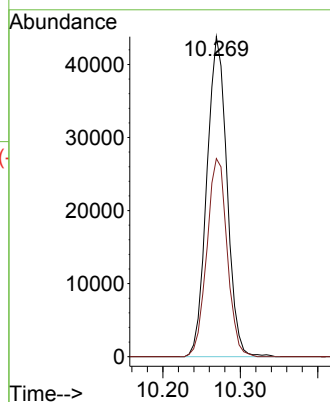
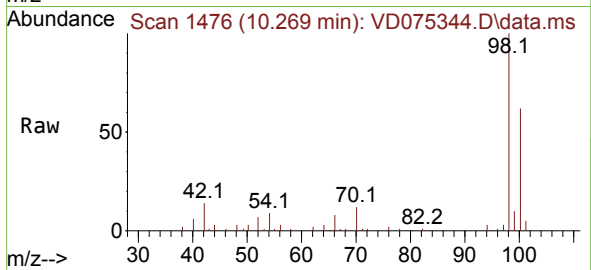




#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

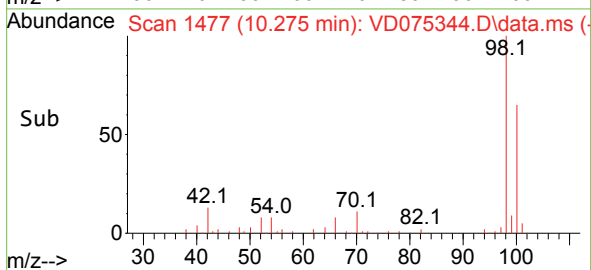
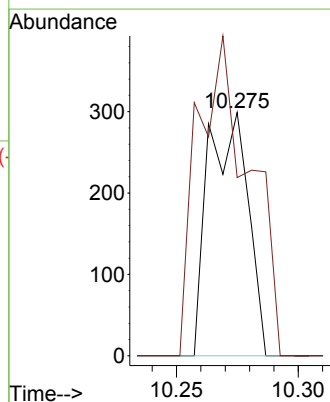
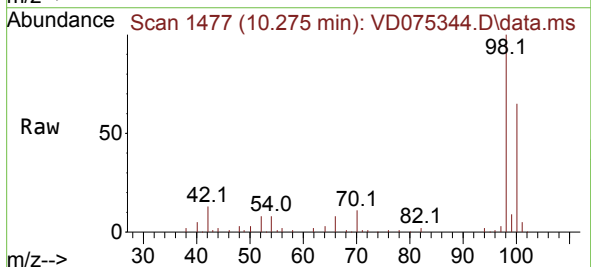
Instrument :
MSVOA_D
ClientSampleId :
SOIL

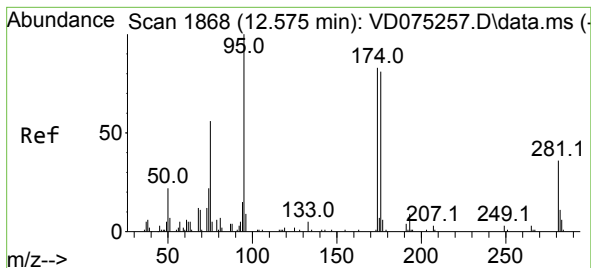
Tgt Ion: 98 Resp: 79007
Ion Ratio Lower Upper
98 100
100 62.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.227 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
58 170.4 31.4 47.0#

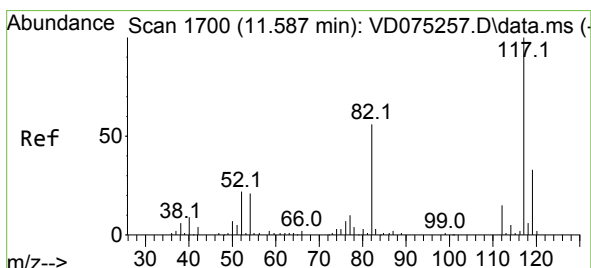
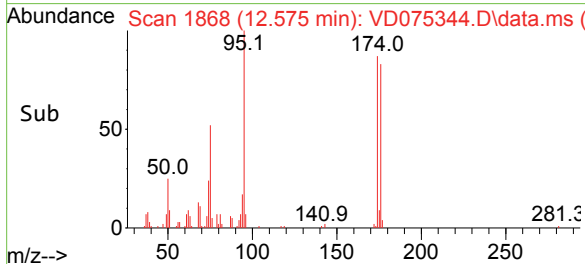
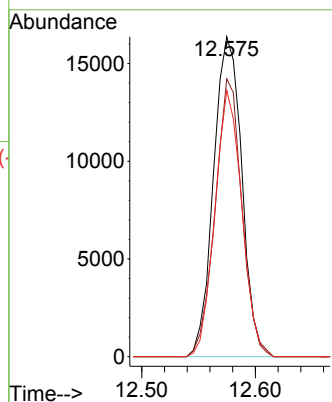
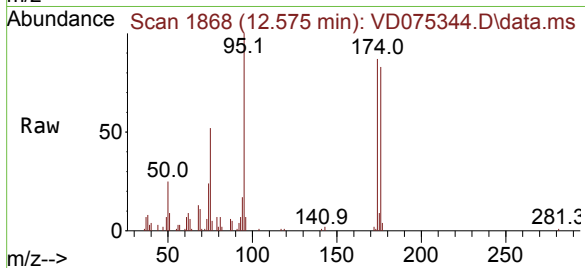




#62
4-Bromofluorobenzene
Concen: 53.227 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

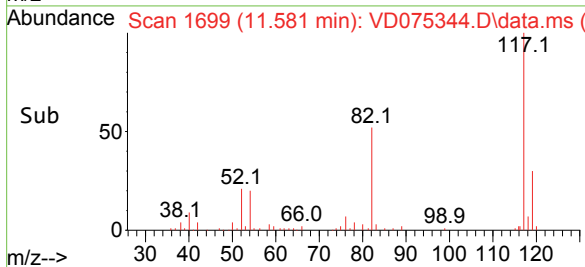
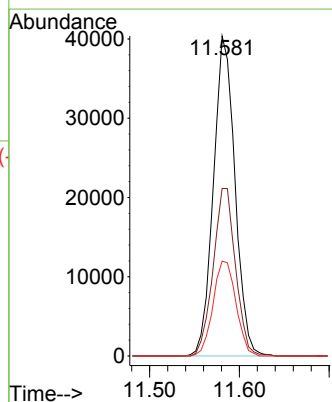
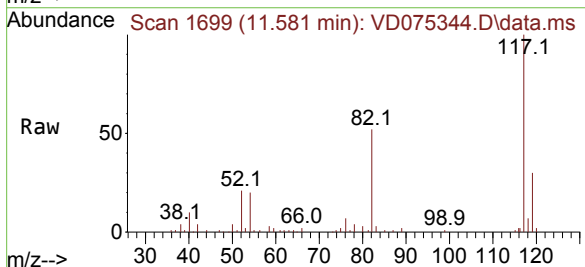
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ClientSampleId :
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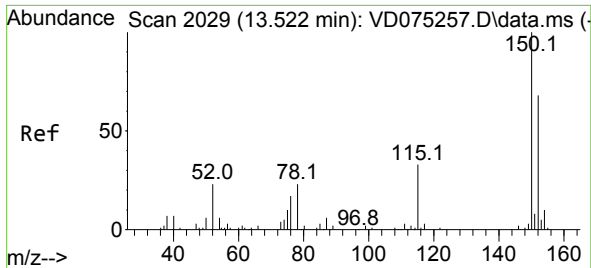
Tgt Ion: 95 Resp: 28179
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.2
176 79.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Tgt Ion: 117 Resp: 67310
Ion Ratio Lower Upper
117 100
82 52.3 39.6 59.4
119 29.7 24.6 37.0

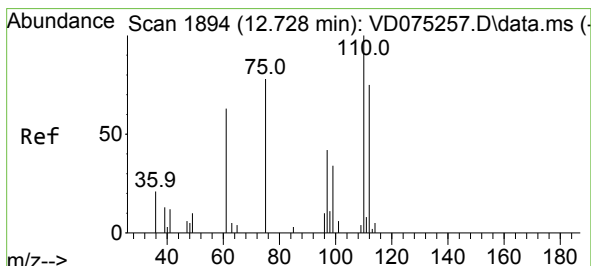
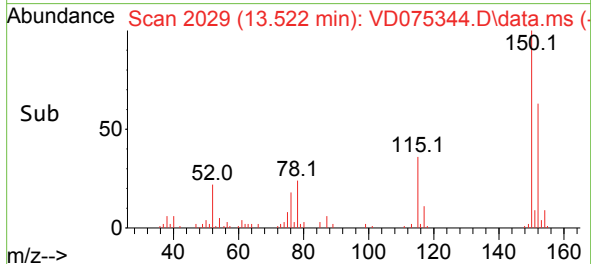
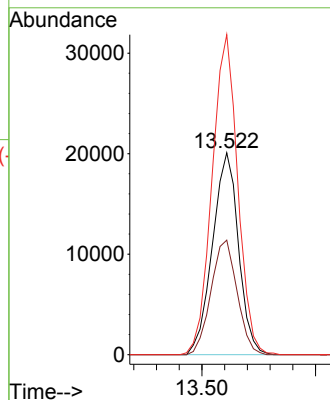
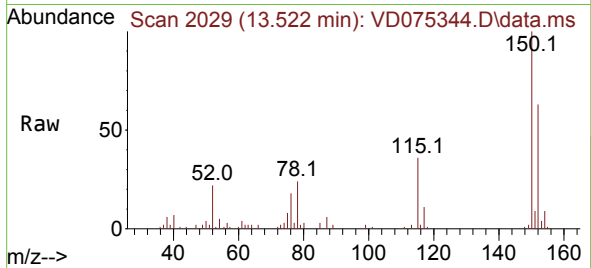




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075344.D
 Acq: 14 Feb 2023 15:39

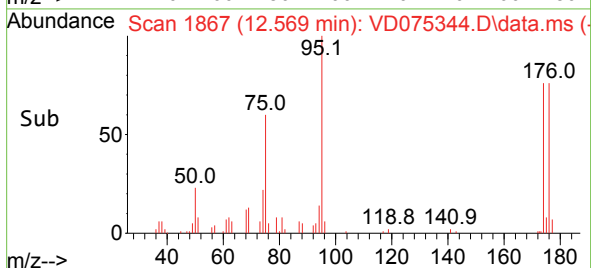
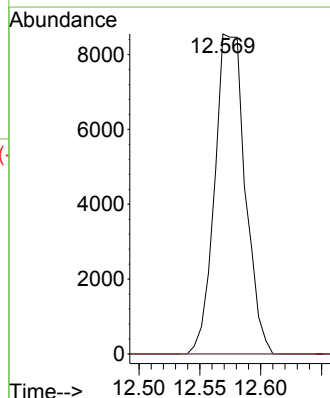
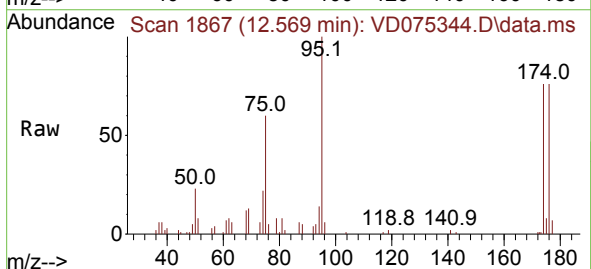
Instrument :
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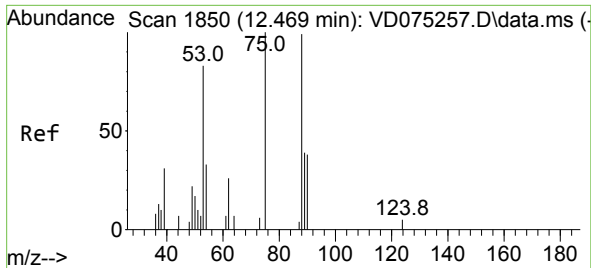
Tgt Ion:152 Resp: 31926
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.8 86.4
 150 156.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 41.064 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.159 min
 Lab File: VD075344.D
 Acq: 14 Feb 2023 15:39

Tgt Ion: 75 Resp: 14891
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.802 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075344.D
 Acq: 14 Feb 2023 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL

Tgt Ion: 75 Resp: 14891
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

