

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076468.D
 Acq On : 19 Jun 2023 14:11
 Operator : KP/SY
 Sample : 03262-01
 Misc : 5.13G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-SOIL1-0615

Quant Time: Jun 20 05:24:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

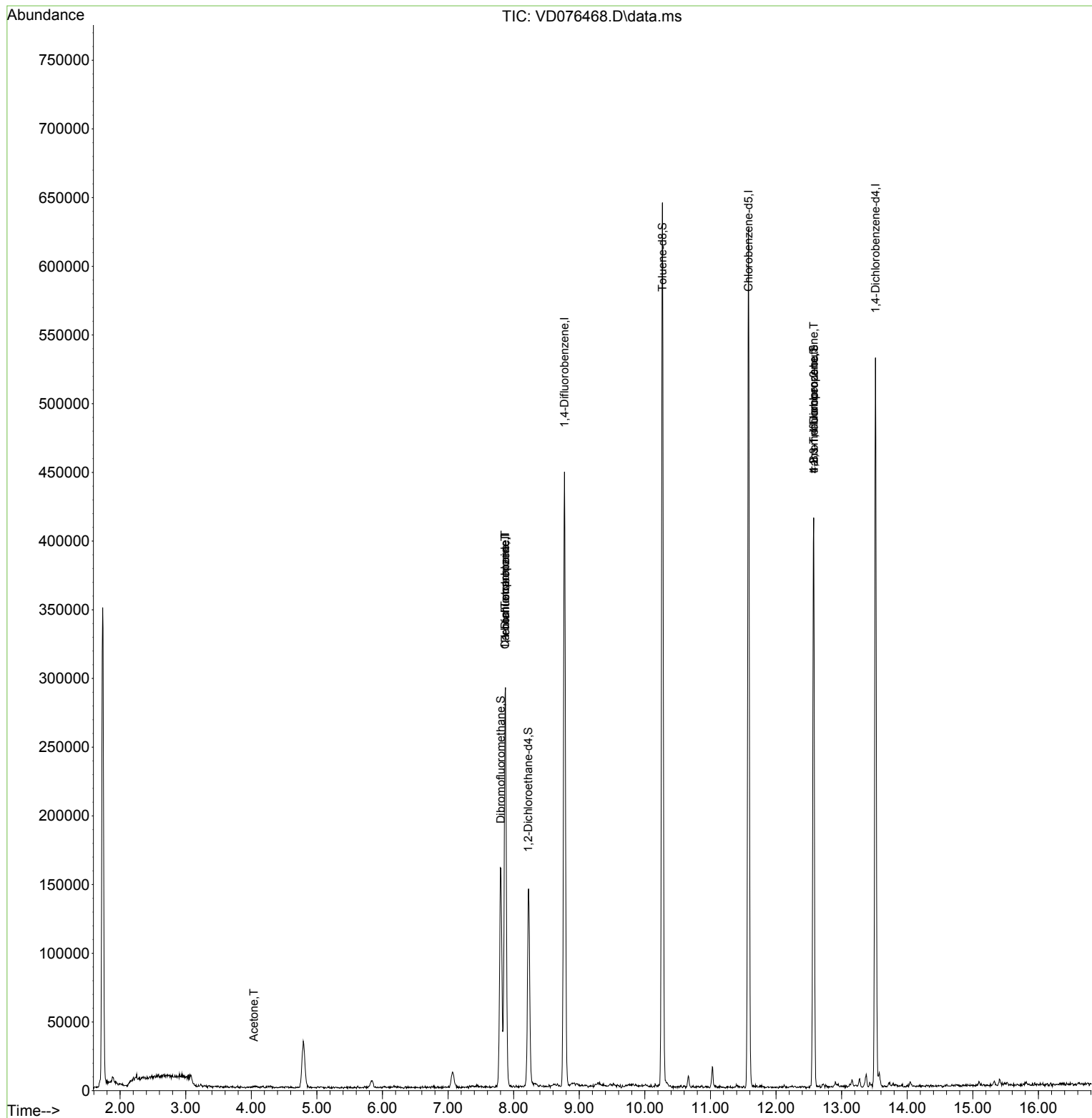
Internal Standards						
1) Pentafluorobenzene	7.875	168	229428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	397115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	107801	46.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.800%
35) Dibromofluoromethane	7.804	113	117279	49.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.269	98	442184	49.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.575	95	124254	42.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.580%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	1114	2.037	ug/l	89
28) Bromochloromethane	7.152	49	55	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	16892	5.113	ug/l	# 50
38) Carbon Tetrachloride	7.869	117	20599	6.976	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	66033	48.442	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	66033	106.147	ug/l	# 17

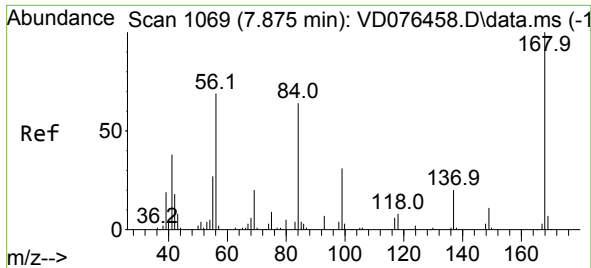
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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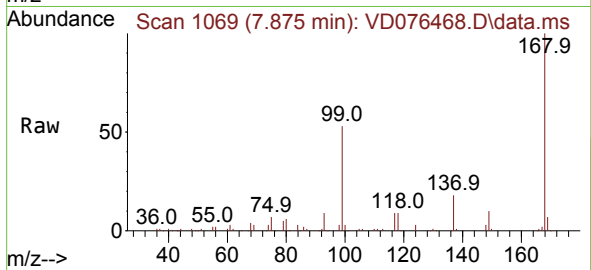
Quant Time: Jun 20 05:24:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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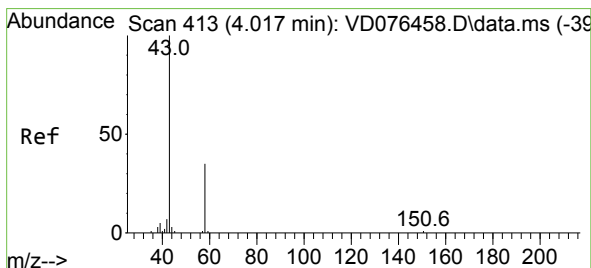
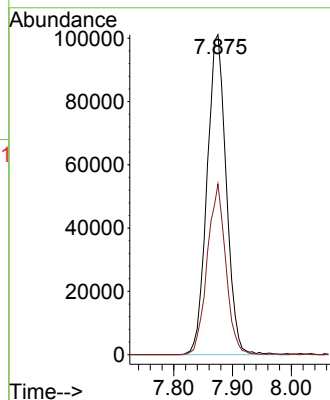
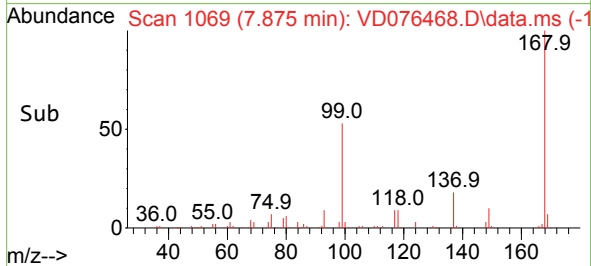


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL1-0615

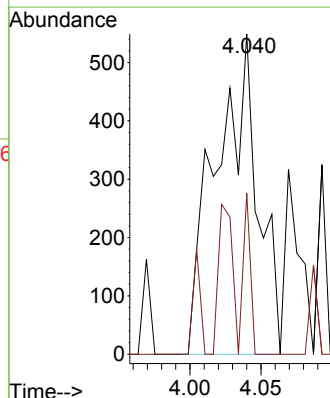
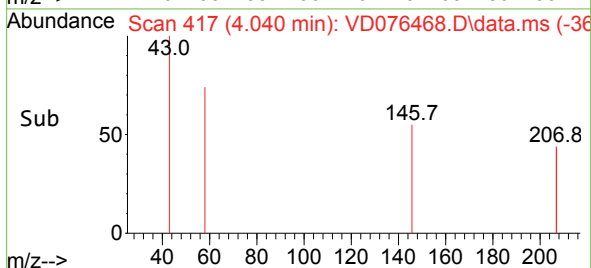
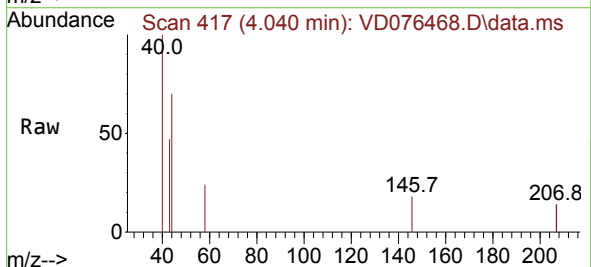


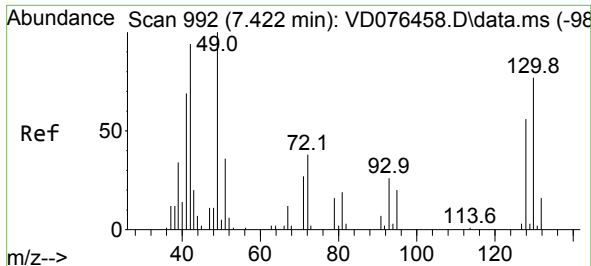
Tgt Ion:168 Resp: 229428
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#16
Acetone
Concen: 2.037 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.023 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 50.3 34.7 52.1

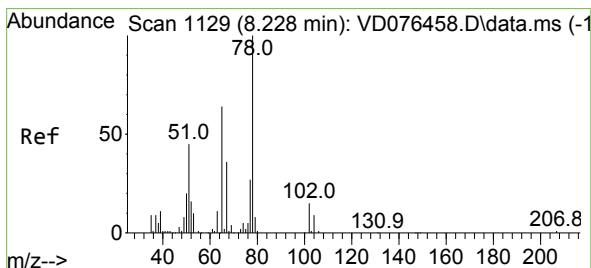
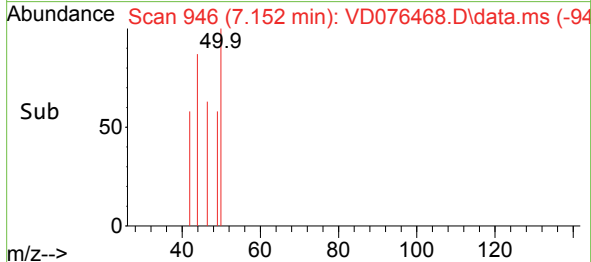
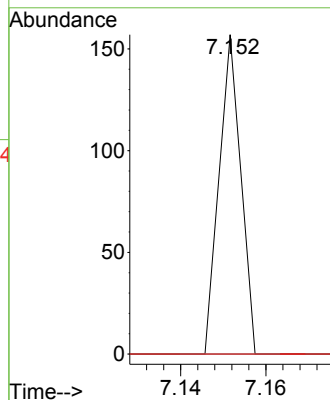
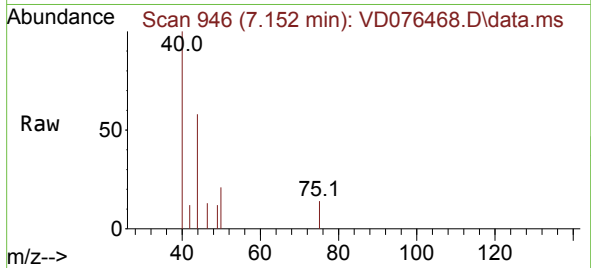




#28
Bromochloromethane
Concen: Below Cal
RT: 7.152 min Scan# 94
Delta R.T. -0.270 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

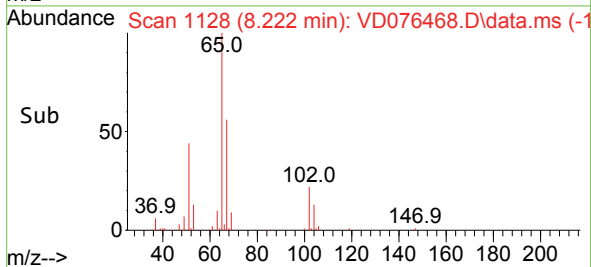
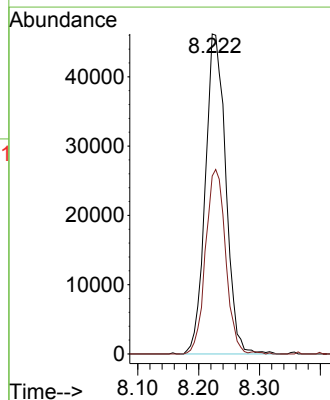
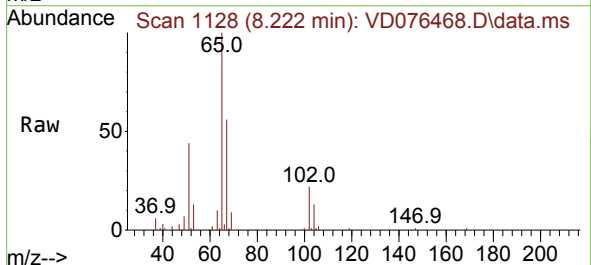
Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL1-0615

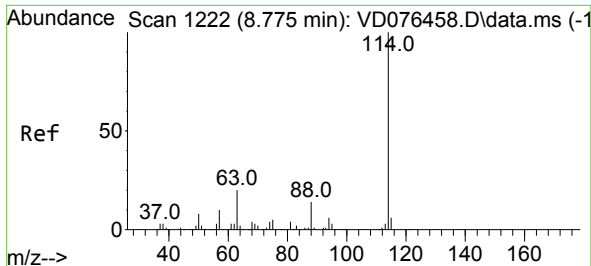
Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 46.897 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Tgt Ion: 65 Resp: 107801
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

WS-SOIL1-0615

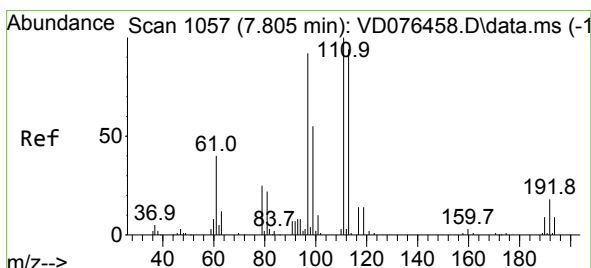
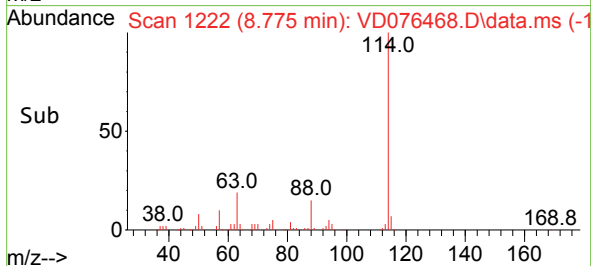
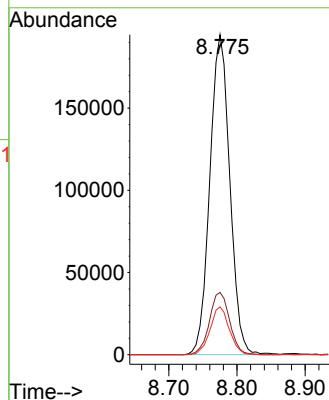
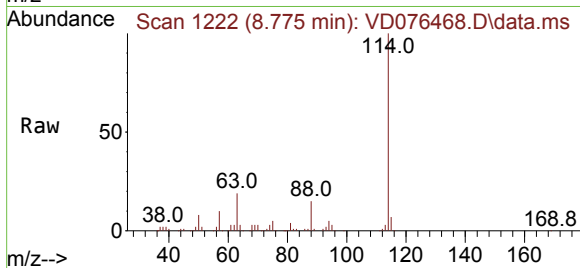
Tgt Ion:114 Resp: 397115

Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

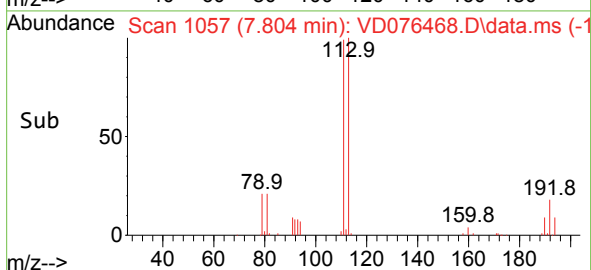
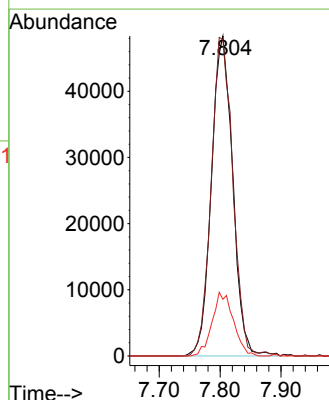
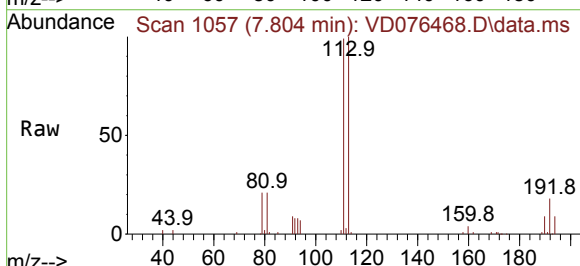
Tgt Ion:113 Resp: 117279

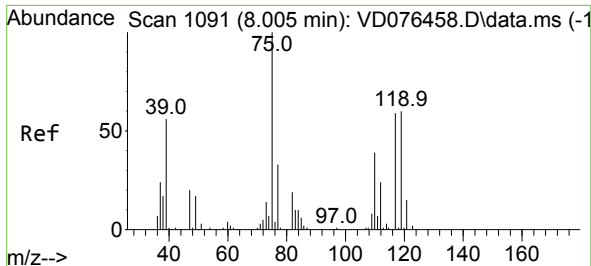
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 19.9 16.8 25.2

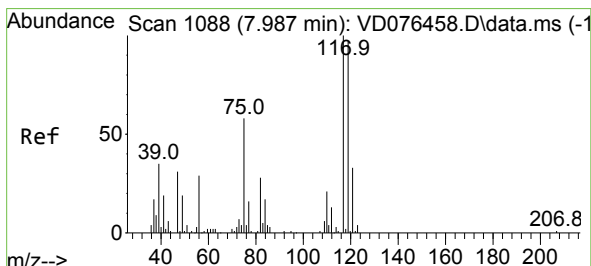
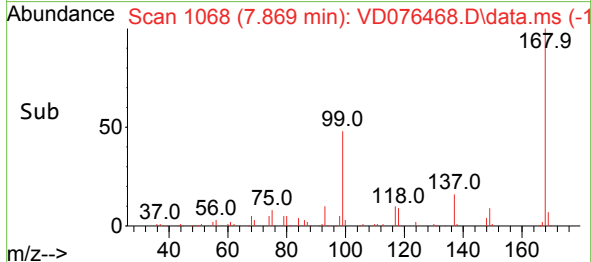
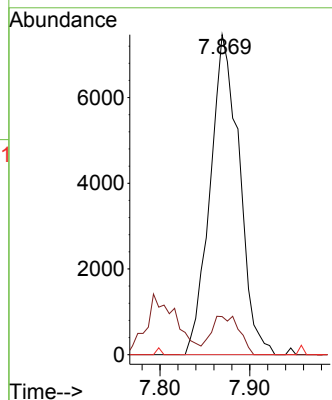
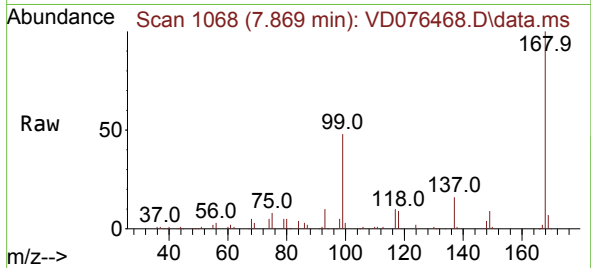




#36
 1,1-Dichloropropene
 Concen: 5.113 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.135 min
 Lab File: VD076468.D
 Acq: 19 Jun 2023 14:11

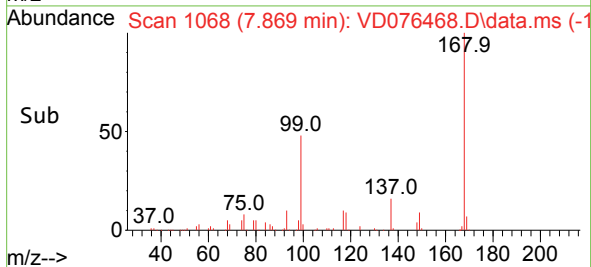
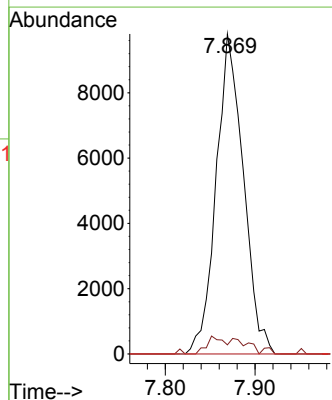
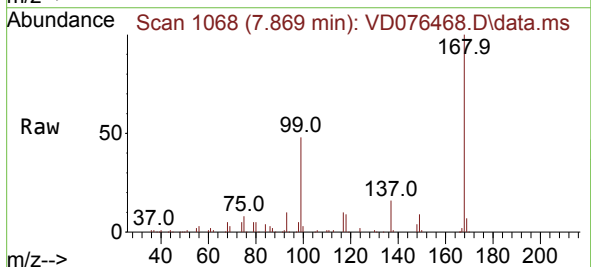
Instrument :
 MSVOA_D
 ClientSampleId :
 WS-SOIL1-0615

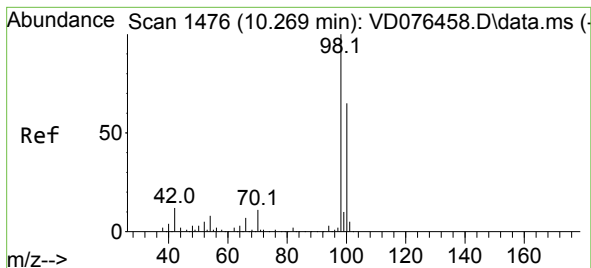
Tgt Ion: 75 Resp: 16892
 Ion Ratio Lower Upper
 75 100
 110 11.6 19.9 59.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.976 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.118 min
 Lab File: VD076468.D
 Acq: 19 Jun 2023 14:11

Tgt Ion: 117 Resp: 20599
 Ion Ratio Lower Upper
 117 100
 119 2.8 78.0 117.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.423 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

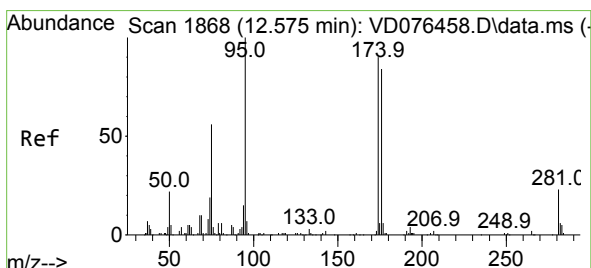
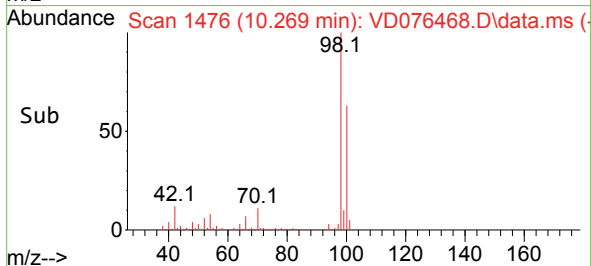
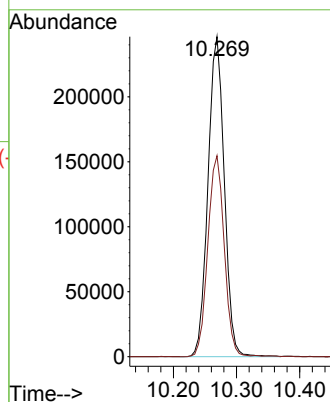
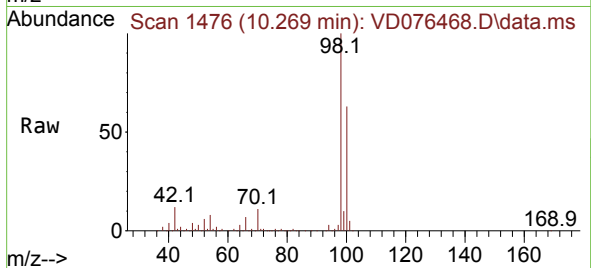
WS-SOIL1-0615

Tgt Ion: 98 Resp: 442184

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 42.792 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

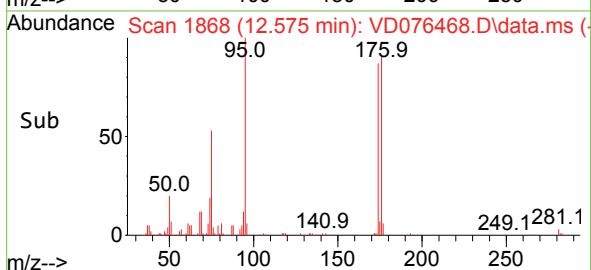
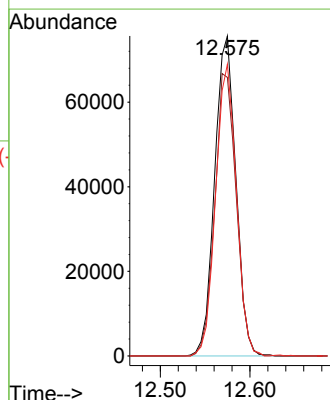
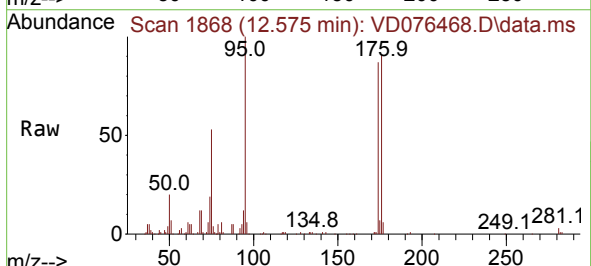
Tgt Ion: 95 Resp: 124254

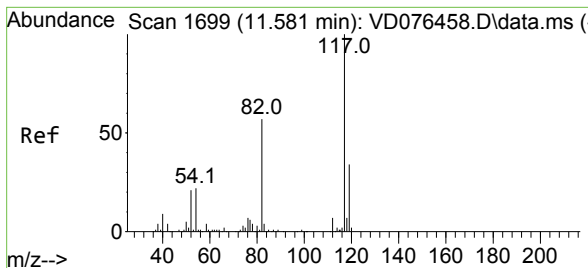
Ion Ratio Lower Upper

95 100

174 89.1 0.0 201.8

176 89.1 0.0 191.8

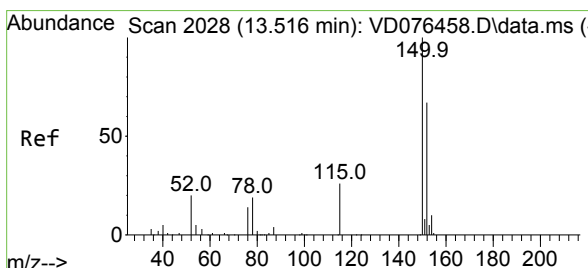
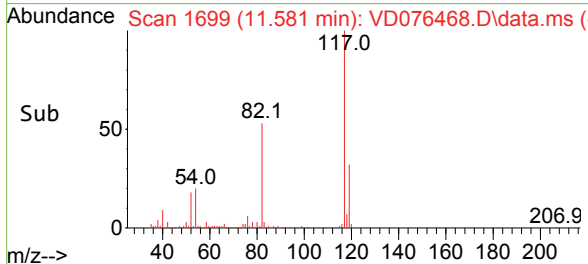
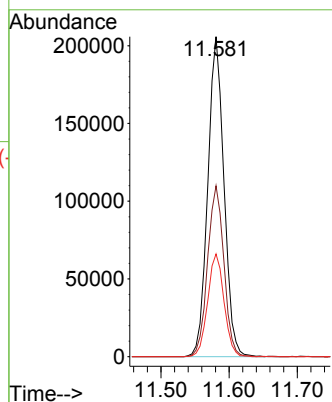
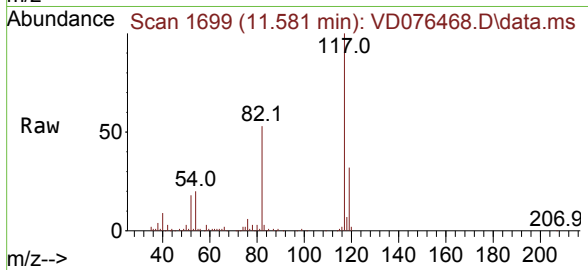




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

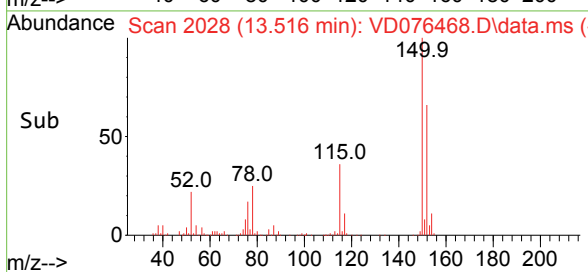
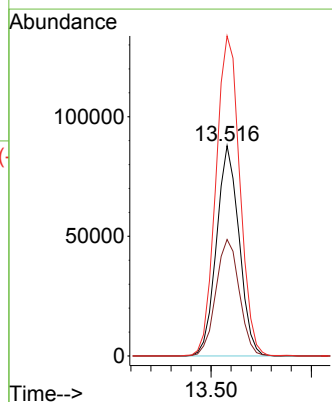
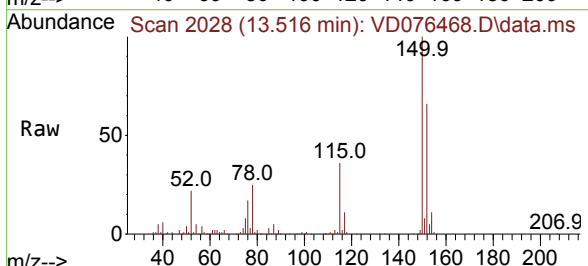
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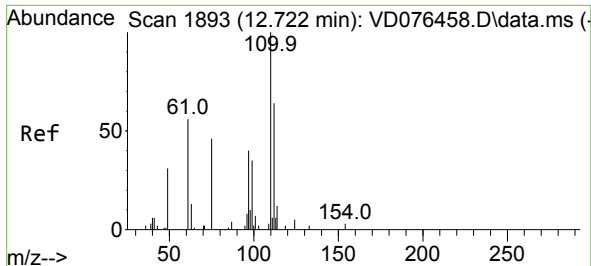
Tgt Ion:117 Resp: 340334
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Tgt Ion:152 Resp: 137347
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 161.0 0.0 353.6

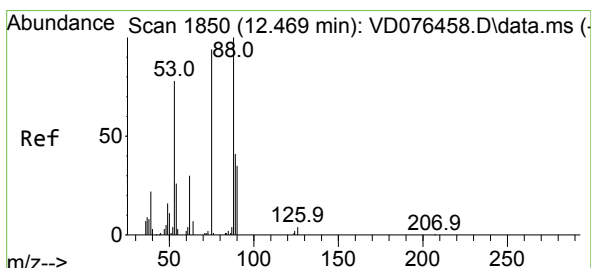
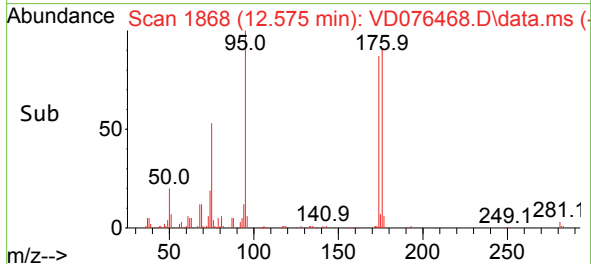
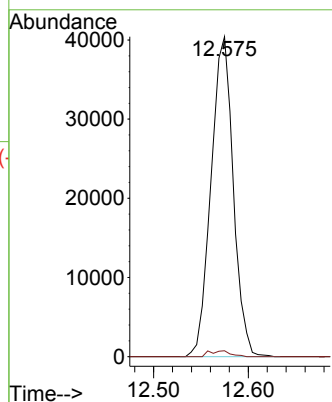
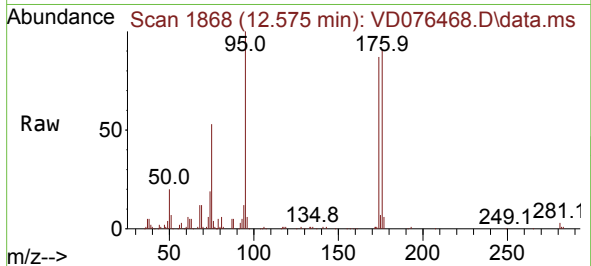




#76
1,2,3-Trichloropropane
Concen: 48.442 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL1-0615

Tgt Ion: 75 Resp: 66033
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.147 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Tgt Ion: 75 Resp: 66033
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.0 37.9 56.9#

