

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076470.D
 Acq On : 19 Jun 2023 15:11
 Operator : KP/SY
 Sample : 03262-07
 Misc : 5.67G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-SOIL3-0615

Quant Time: Jun 20 05:25:39 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)

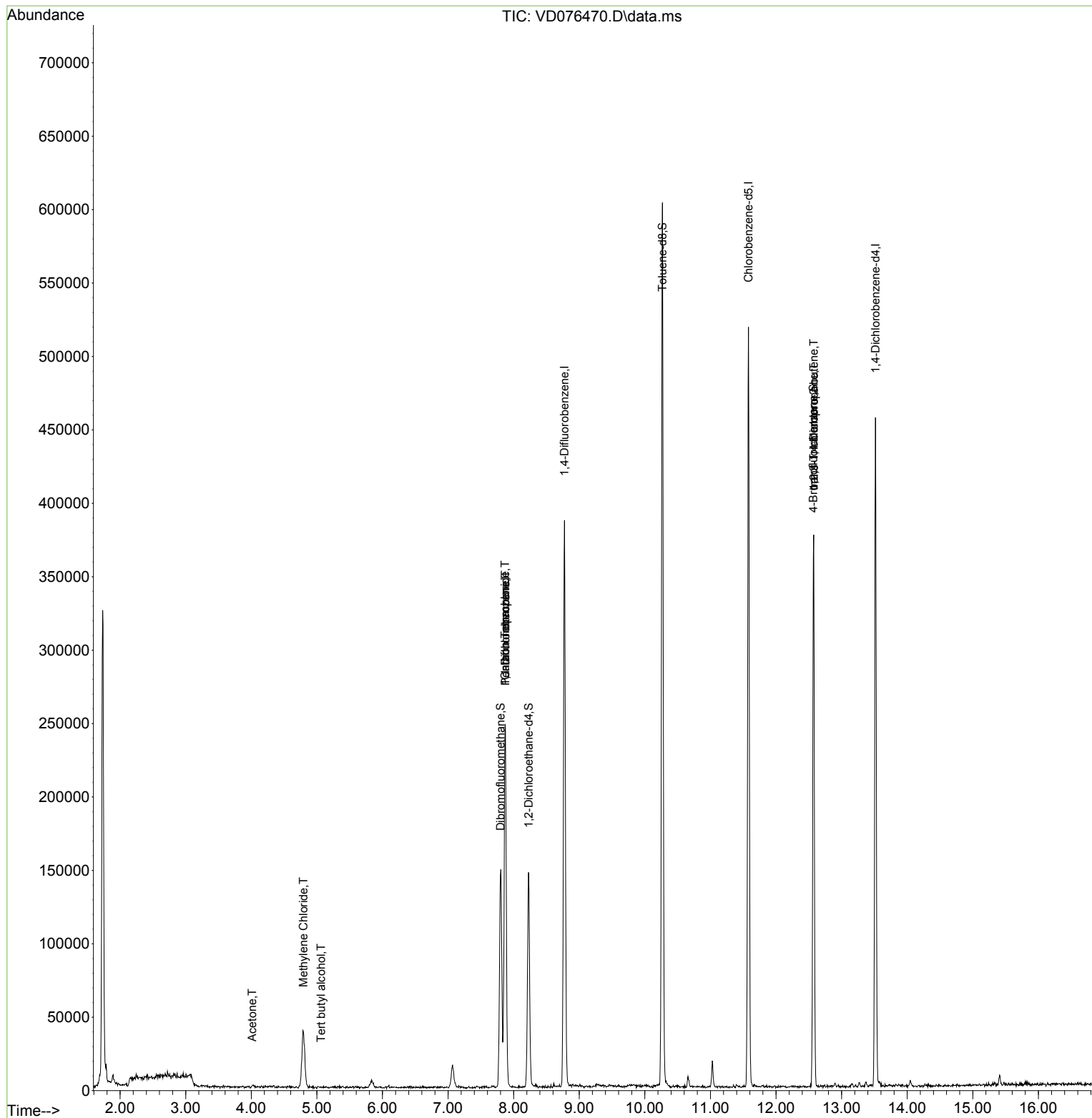
Internal Standards						
1) Pentafluorobenzene	7.875	168	197505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104524	52.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.640%	
35) Dibromofluoromethane	7.799	113	106922	52.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.940%	
50) Toluene-d8	10.269	98	406706	53.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.569	95	115791	46.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.063	59	239	1.399	ug/l #	73
16) Acetone	4.016	43	2218	4.710	ug/l	90
20) Methylene Chloride	4.793	84	27768	3.259	ug/l #	68
28) Bromochloromethane	7.522	49	80	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	15343	5.428	ug/l #	49
38) Carbon Tetrachloride	7.869	117	18000	7.125	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	59078	49.495	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	59078	108.455	ug/l #	17

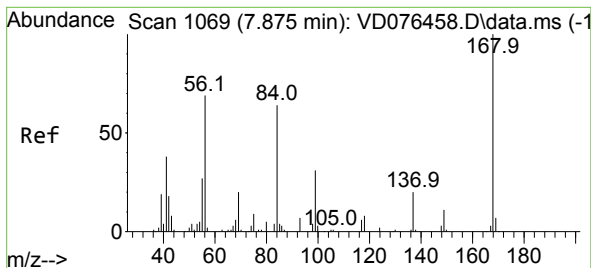
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076470.D

Acq: 19 Jun 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

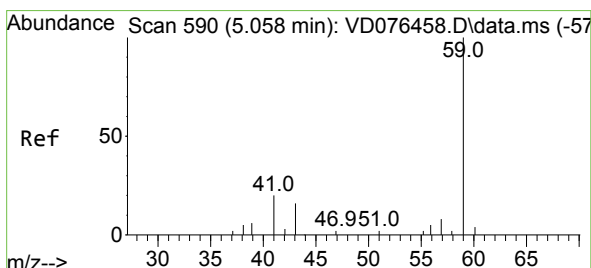
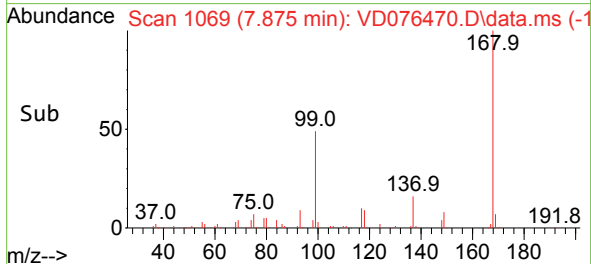
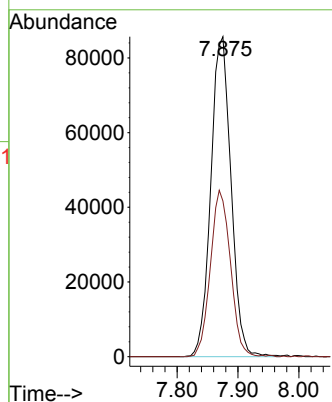
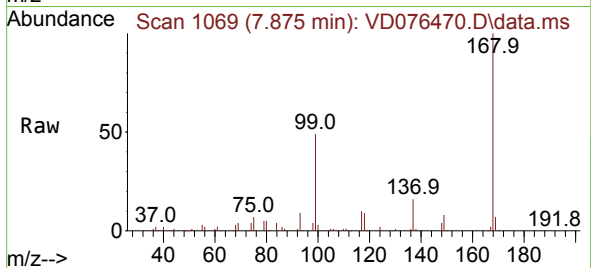
WS-SOIL3-0615

Tgt Ion:168 Resp: 197505

Ion Ratio Lower Upper

168 100

99 48.7 36.7 55.1



#11

Tert butyl alcohol

Concen: 1.399 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD076470.D

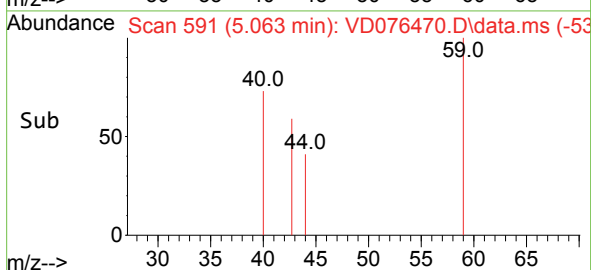
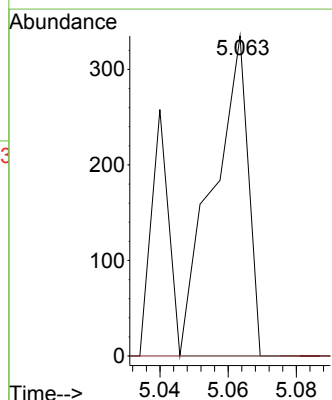
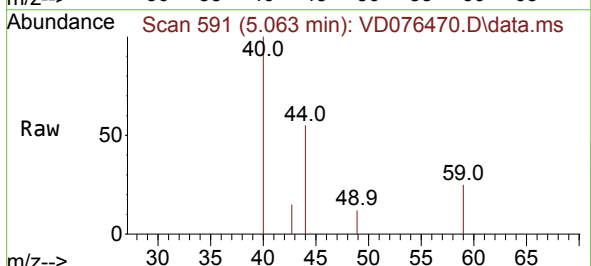
Acq: 19 Jun 2023 15:11

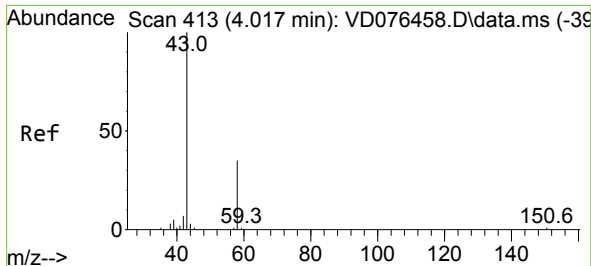
Tgt Ion: 59 Resp: 239

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: 4.710 ug/l

RT: 4.016 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD076470.D

Acq: 19 Jun 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

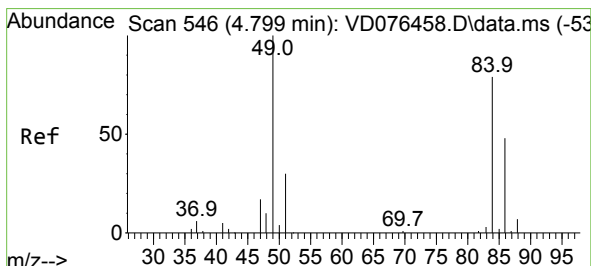
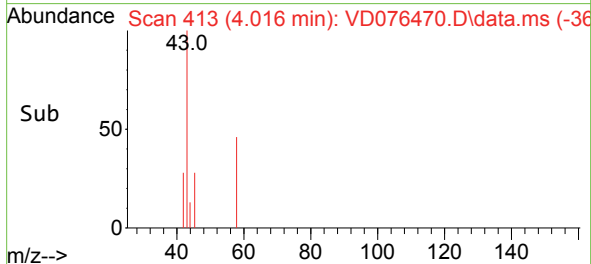
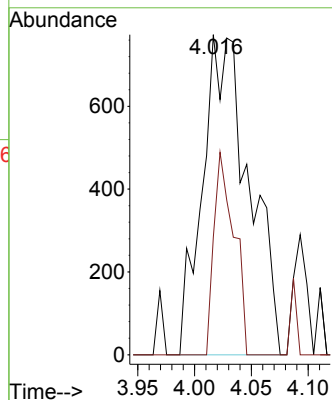
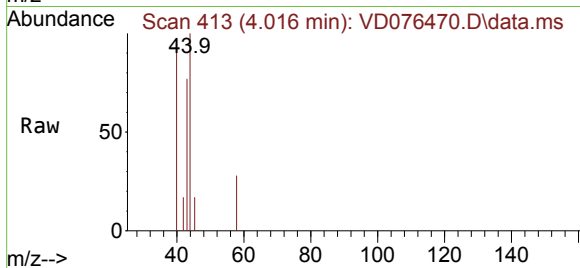
WS-SOIL3-0615

Tgt Ion: 43 Resp: 2218

Ion Ratio Lower Upper

43 100

58 36.7 34.7 52.1



#20

Methylene Chloride

Concen: 3.259 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076470.D

Acq: 19 Jun 2023 15:11

Tgt Ion: 84 Resp: 27768

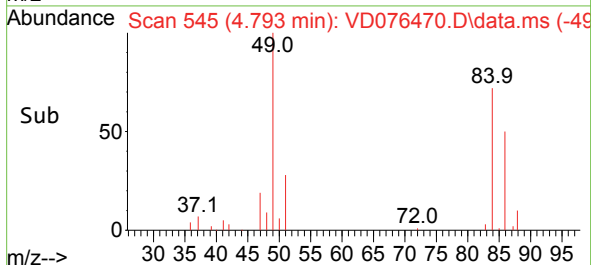
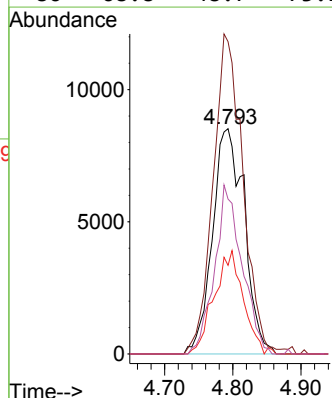
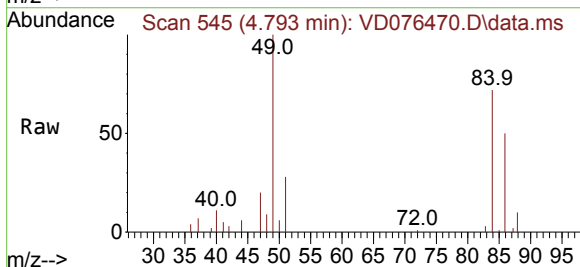
Ion Ratio Lower Upper

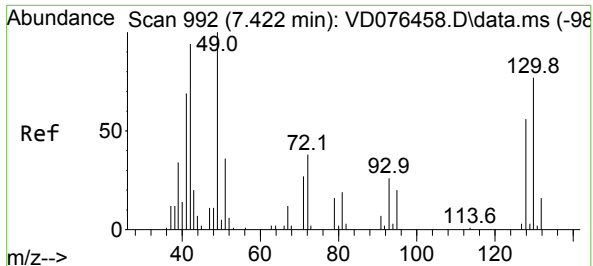
84 100

49 138.6 71.4 107.2#

51 39.3 24.5 36.7#

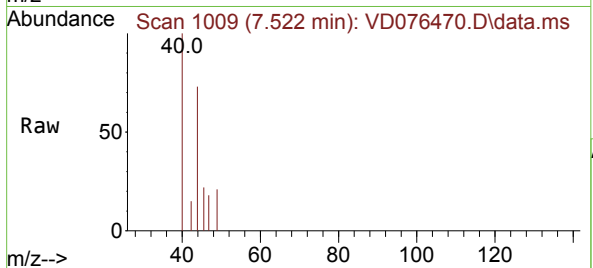
86 68.8 48.7 73.1



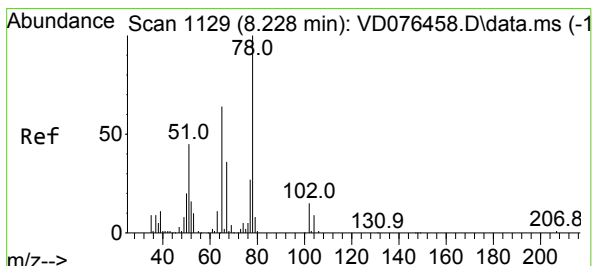
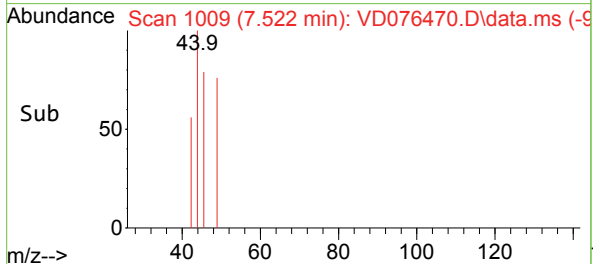
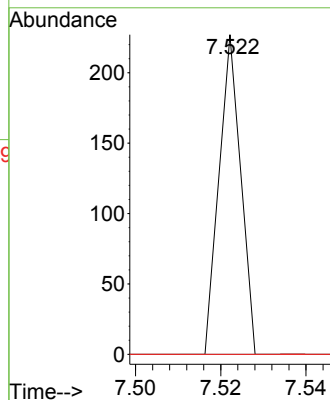


#28
Bromochloromethane
Concen: Below Cal
RT: 7.522 min Scan# 1009
Delta R.T. 0.100 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL3-0615

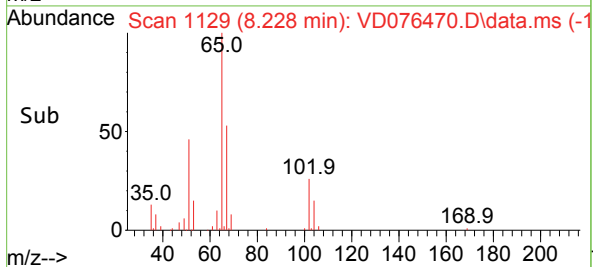
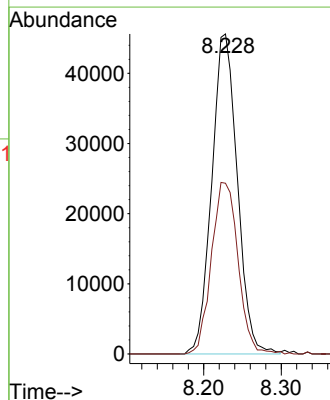
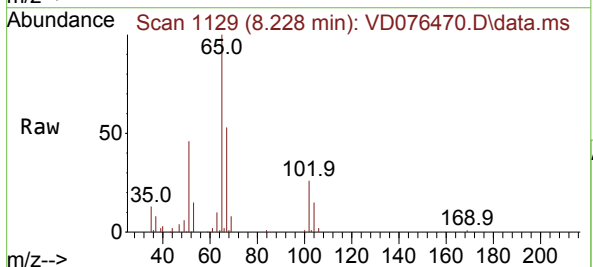


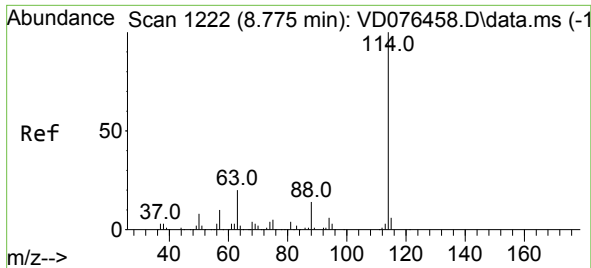
Tgt Ion: 49 Resp: 80
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 52.821 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion: 65 Resp: 104524
Ion Ratio Lower Upper
65 100
67 55.8 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: VD076470.D

Acq: 19 Jun 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

WS-SOIL3-0615

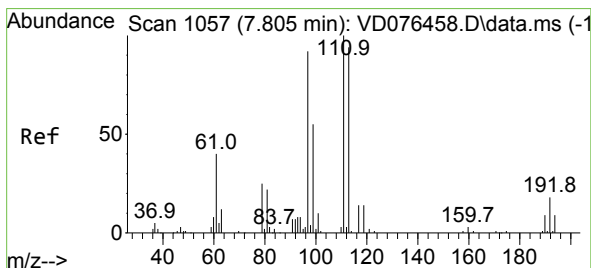
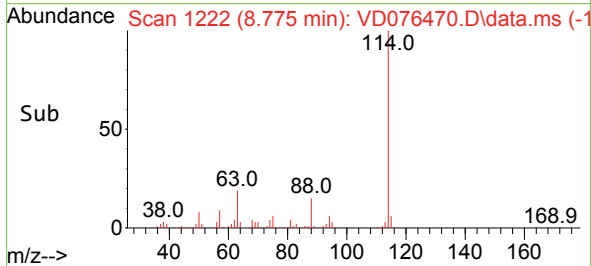
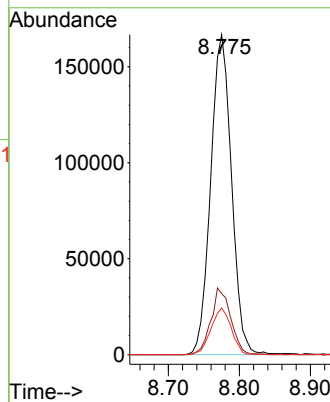
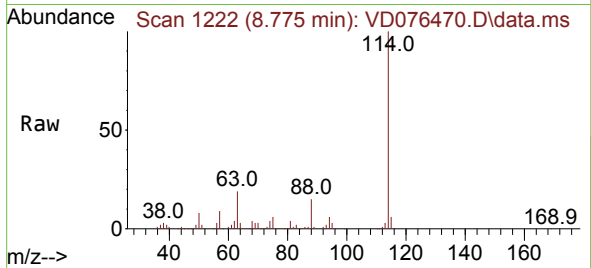
Tgt Ion:114 Resp: 339763

Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076470.D

Acq: 19 Jun 2023 15:11

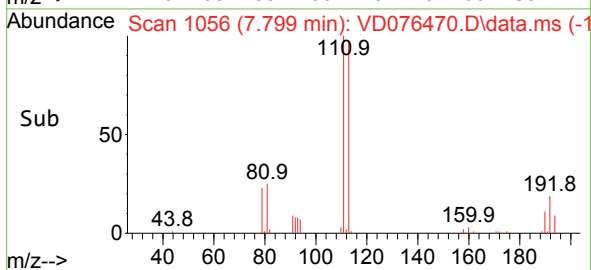
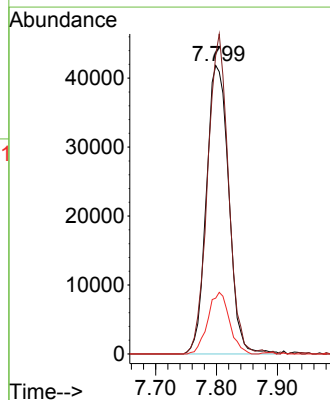
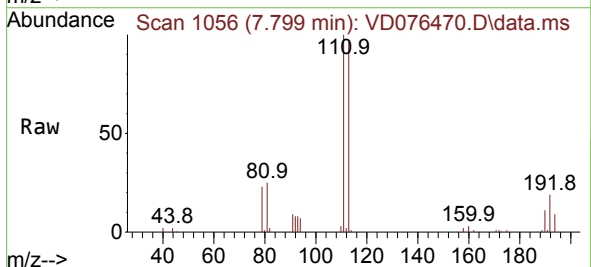
Tgt Ion:113 Resp: 106922

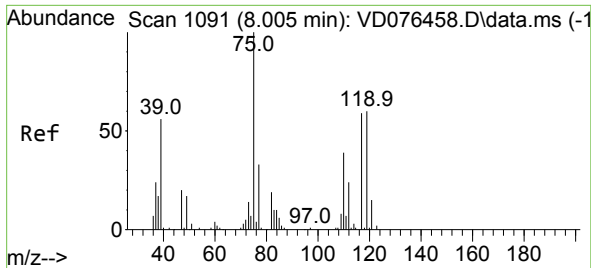
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 20.7 16.8 25.2

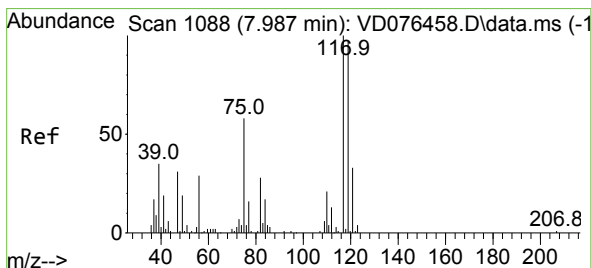
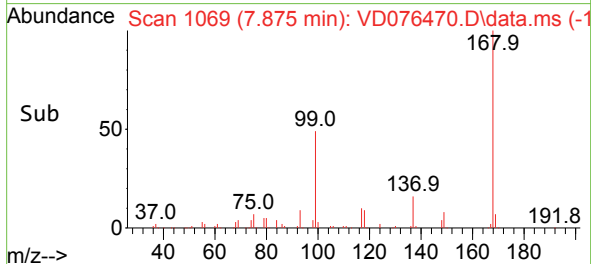
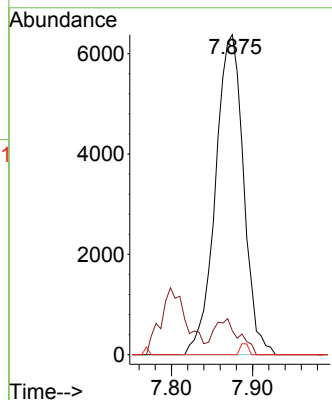
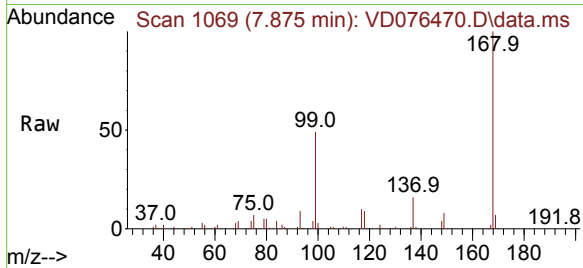




#36
1,1-Dichloropropene
Concen: 5.428 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

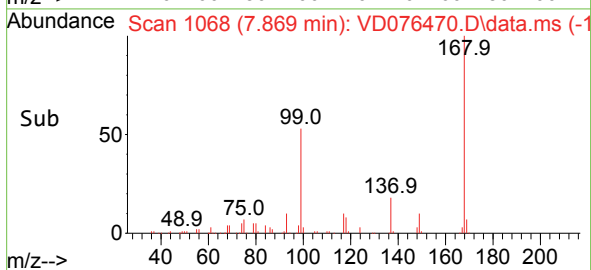
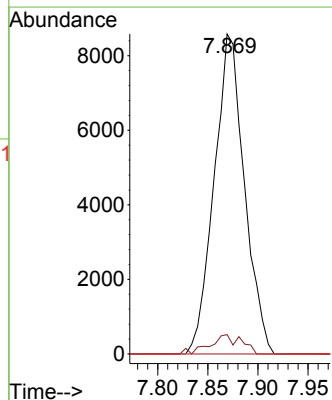
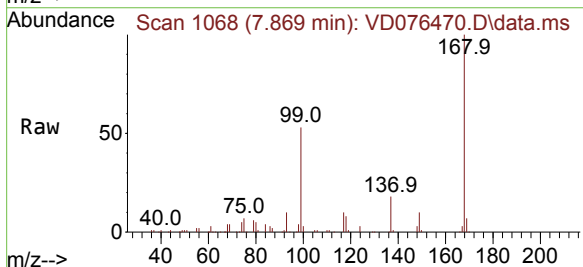
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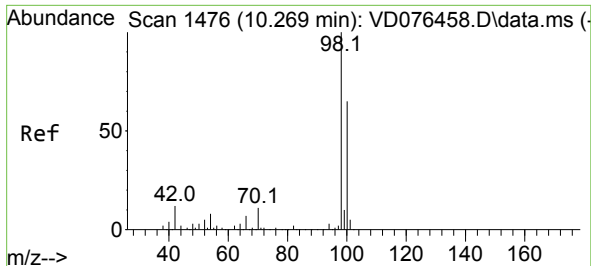
Tgt Ion: 75 Resp: 15343
Ion Ratio Lower Upper
75 100
110 10.2 19.9 59.6#
77 1.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.125 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion: 117 Resp: 18000
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.2 36.2#

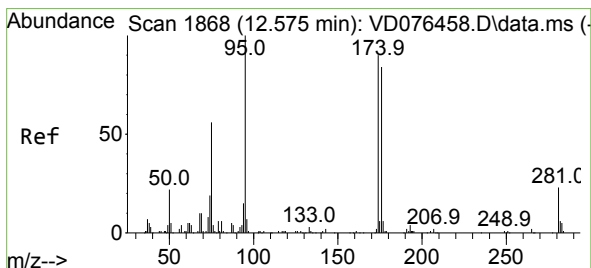
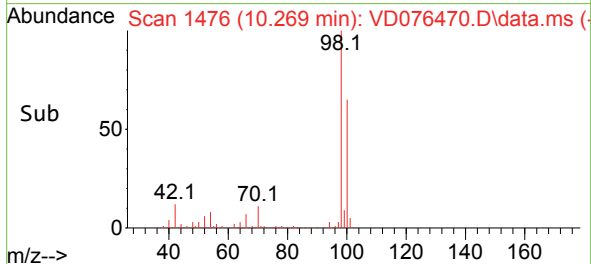
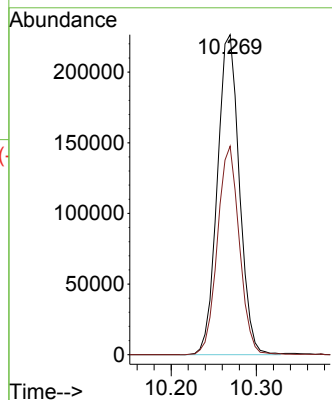
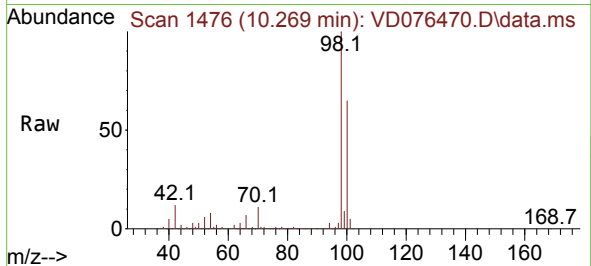




#50
Toluene-d8
Concen: 53.131 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

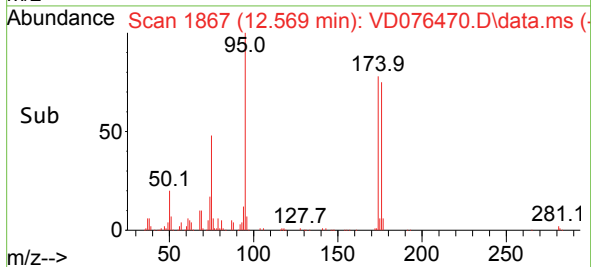
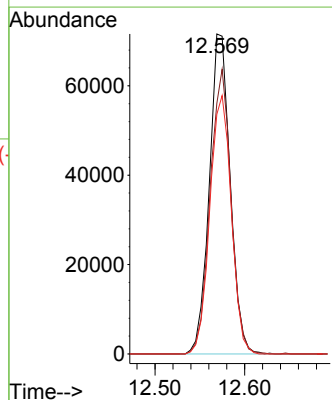
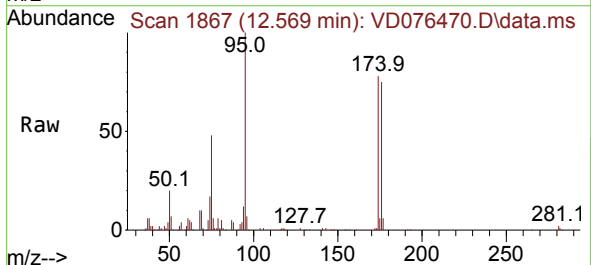
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ClientSampleId :
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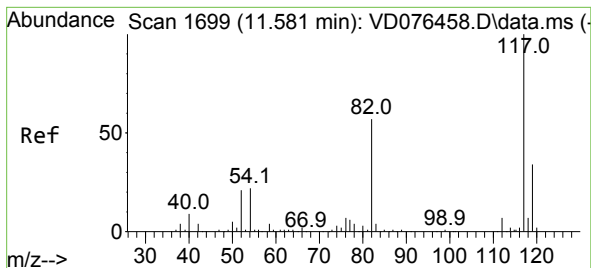
Tgt Ion: 98 Resp: 406706
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.609 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion: 95 Resp: 115791
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 82.9 0.0 191.8

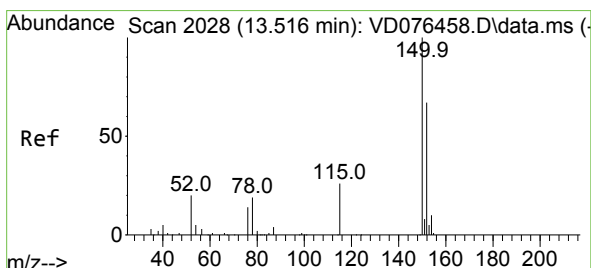
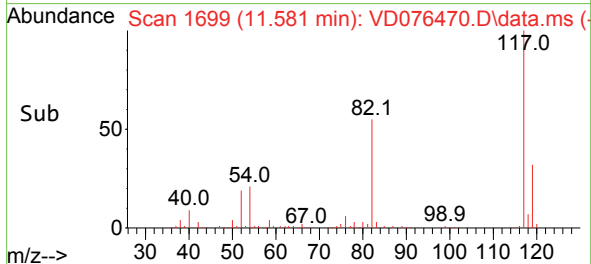
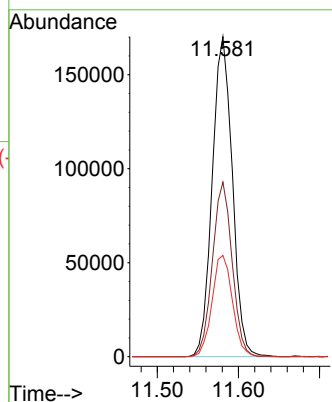
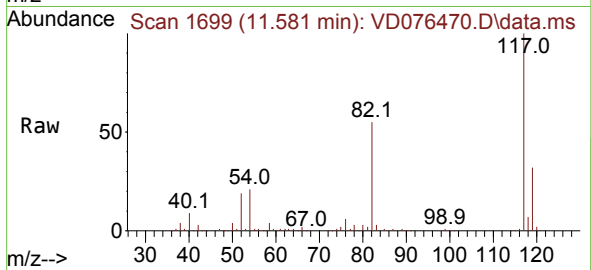




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

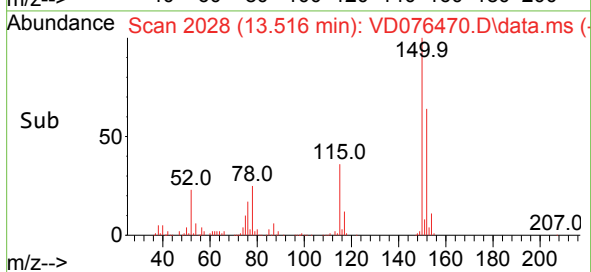
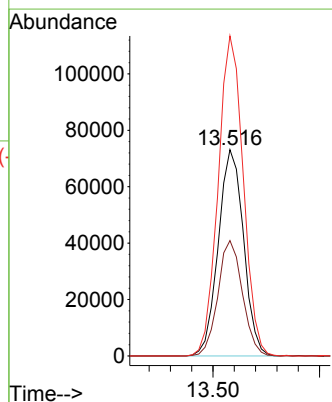
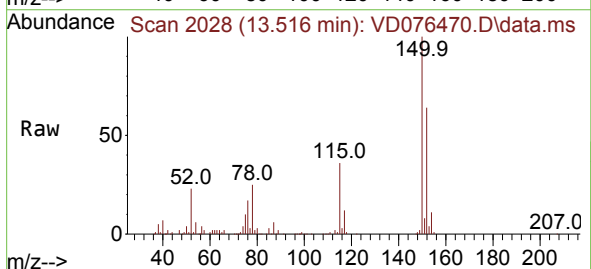
Instrument :
MSVOA_D
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WS-SOIL3-0615

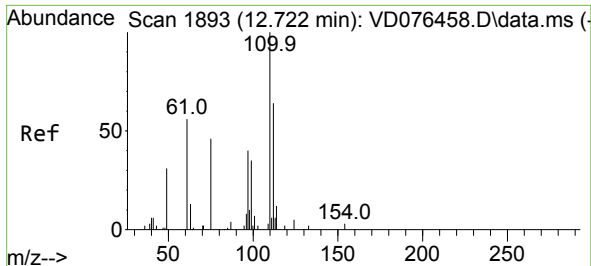
Tgt Ion:117 Resp: 292738
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion:152 Resp: 120266
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 154.3 0.0 353.6

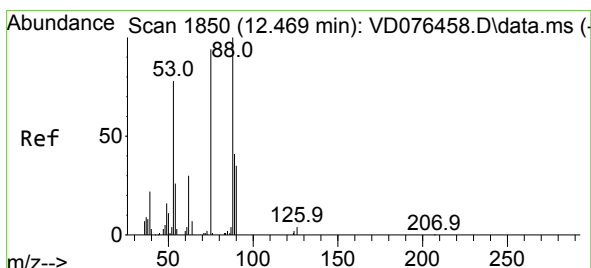
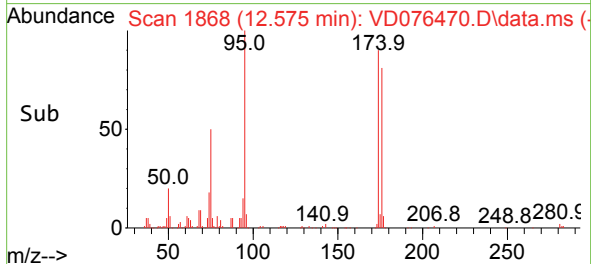
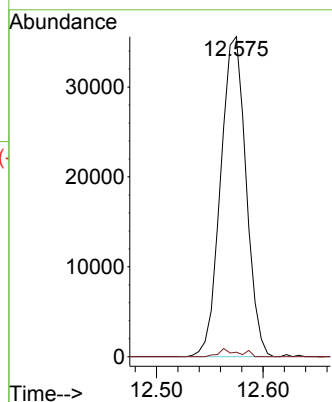
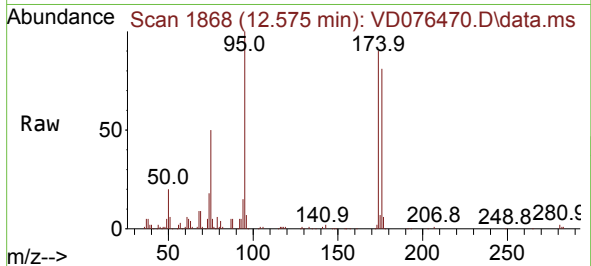




#76
1,2,3-Trichloropropane
Concen: 49.495 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL3-0615

Tgt Ion: 75 Resp: 59078
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.455 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion: 75 Resp: 59078
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

