

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074947.D
 Acq On : 16 Nov 2022 14:31
 Operator : VA/SY
 Sample : N5642-02
 Misc : 6.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-22

Quant Time: Nov 17 00:20:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

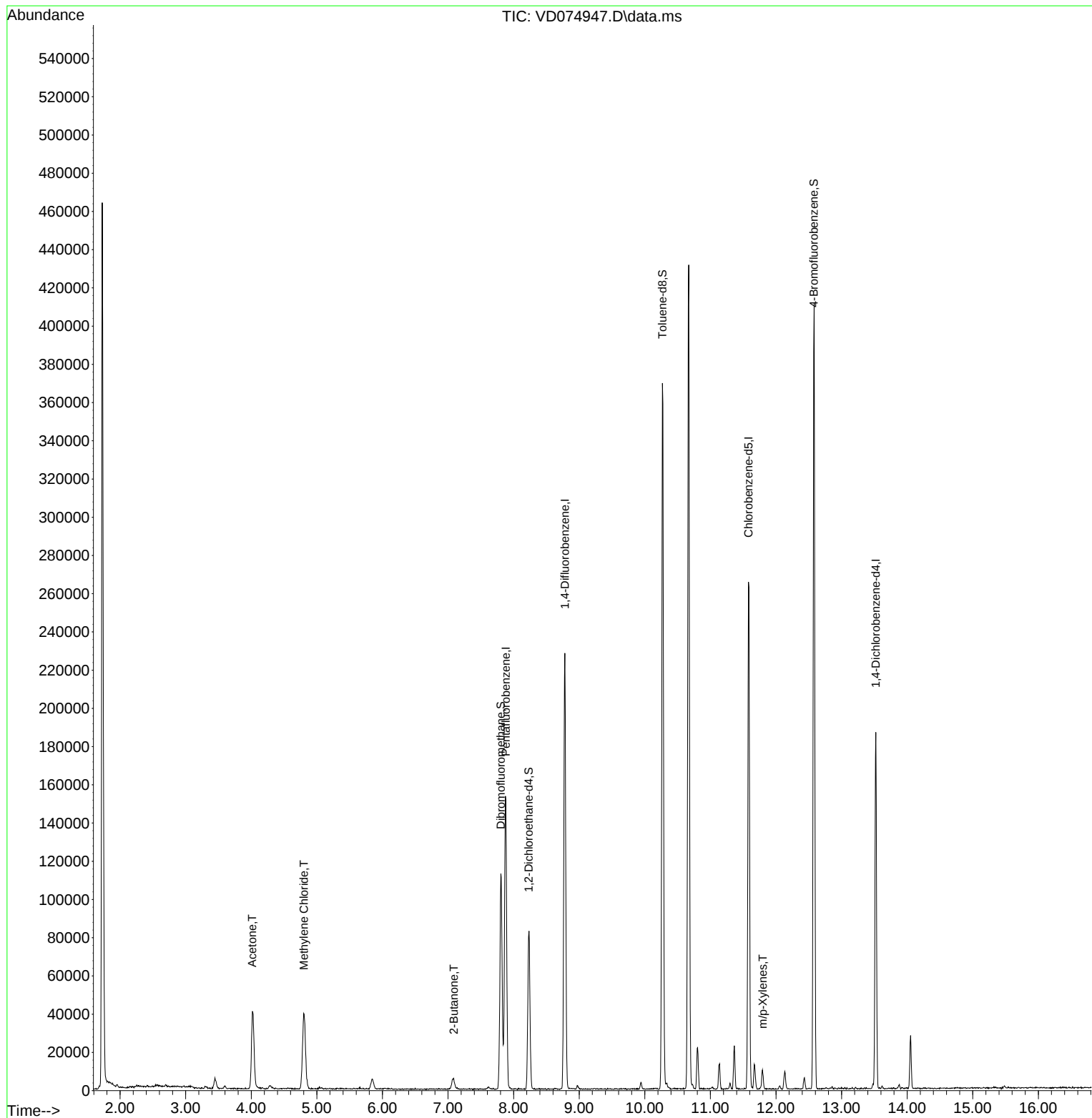
Internal Standards						
1) Pentafluorobenzene	7.881	168	126283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64767	80.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.680%	
35) Dibromofluoromethane	7.805	113	82984	61.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.100%	
50) Toluene-d8	10.269	98	267244	59.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.380%	
62) 4-Bromofluorobenzene	12.575	95	65762	47.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	70971	340.435	ug/l	98
20) Methylene Chloride	4.805	84	35510	9.264	ug/l	94
25) 2-Butanone	7.087	43	6017	22.072	ug/l	89
68) m/p-Xylenes	11.798	106	3611	1.535	ug/l	99

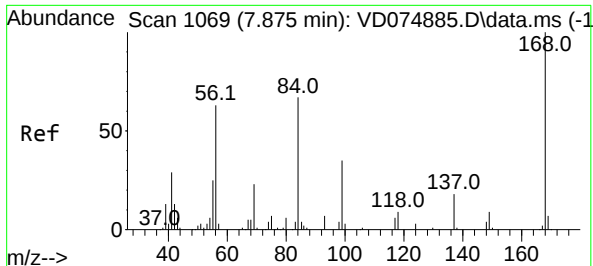
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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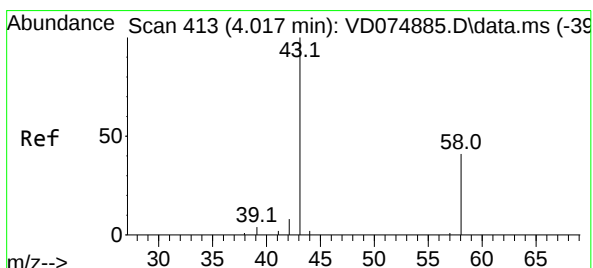
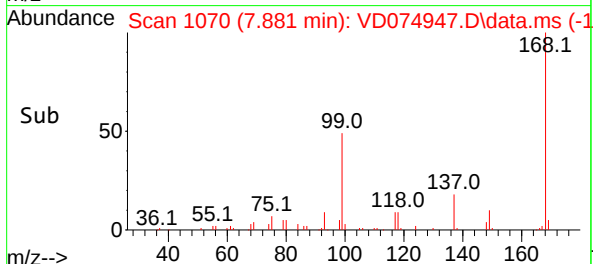
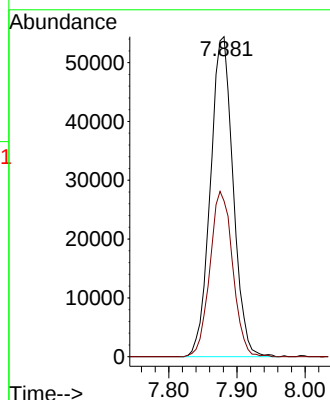
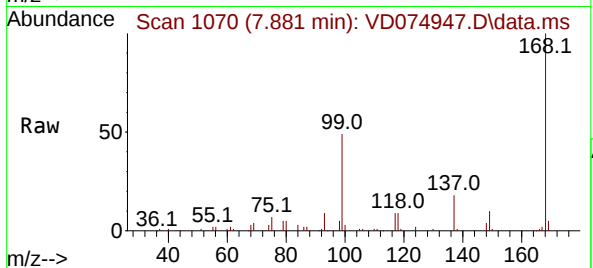




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

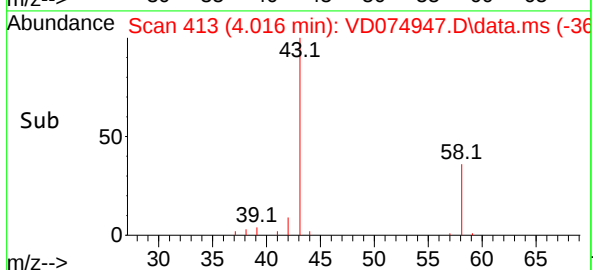
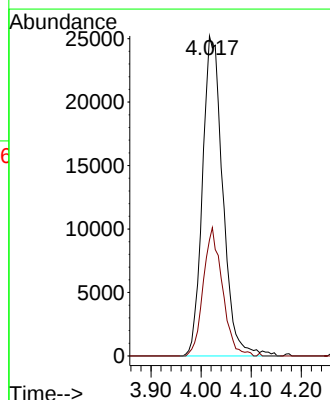
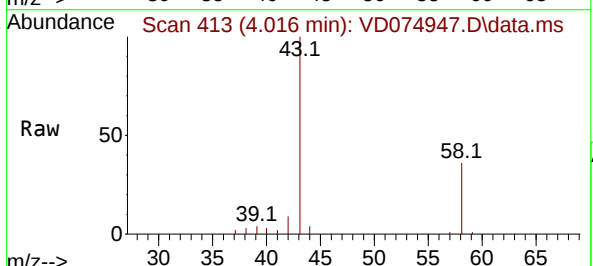
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-22

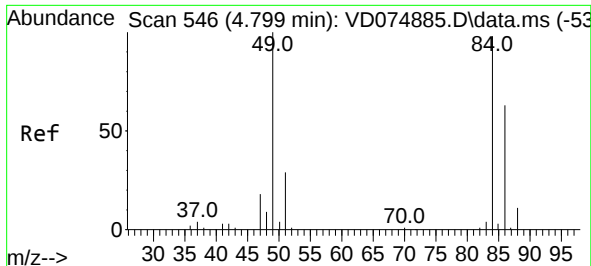
Tgt Ion:168 Resp: 126283
Ion Ratio Lower Upper
168 100
99 48.6 40.9 61.3



#16
Acetone
Concen: 340.435 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

Tgt Ion: 43 Resp: 70971
Ion Ratio Lower Upper
43 100
58 36.3 30.2 45.2



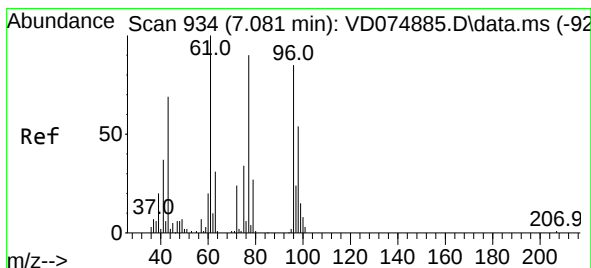
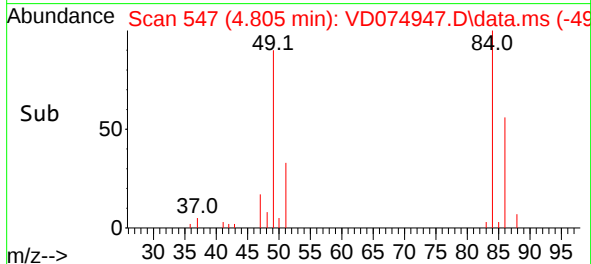
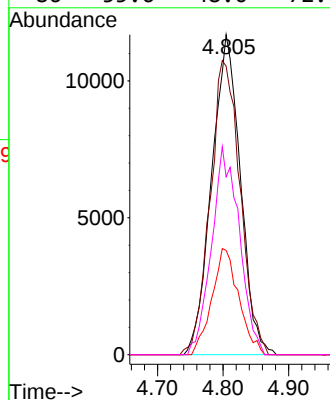
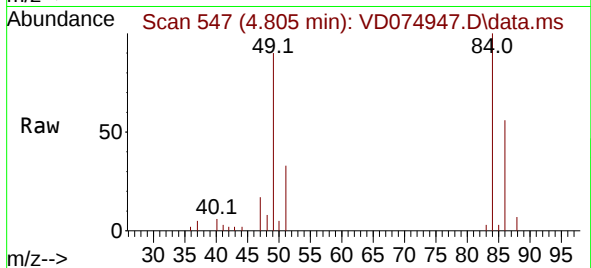


#20
Methylene Chloride
Concen: 9.264 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-22

Tgt Ion: 84 Resp: 35510

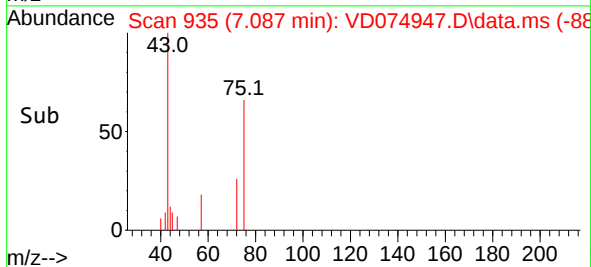
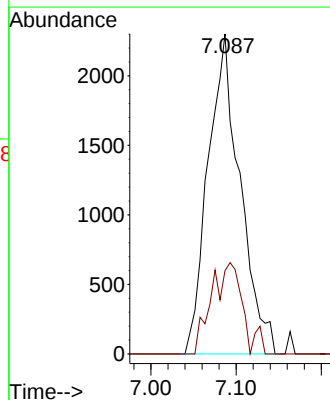
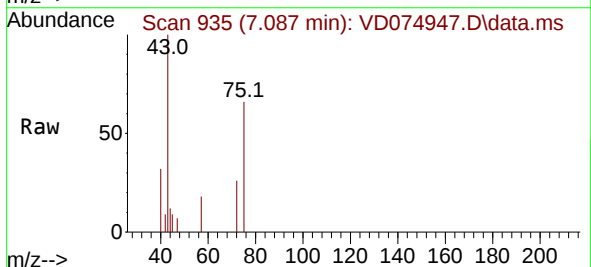
Ion	Ratio	Lower	Upper
84	100		
49	90.1	68.0	102.0
51	32.6	23.2	34.8
86	55.6	48.0	72.0

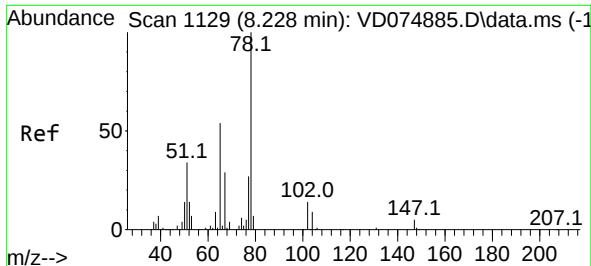


#25
2-Butanone
Concen: 22.072 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

Tgt Ion: 43 Resp: 6017

Ion	Ratio	Lower	Upper
43	100		
72	26.1	25.8	38.8





#33

1,2-Dichloroethane-d4

Concen: 80.840 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074947.D

Acq: 16 Nov 2022 14:31

Instrument :

MSVOA_D

ClientSampleId :

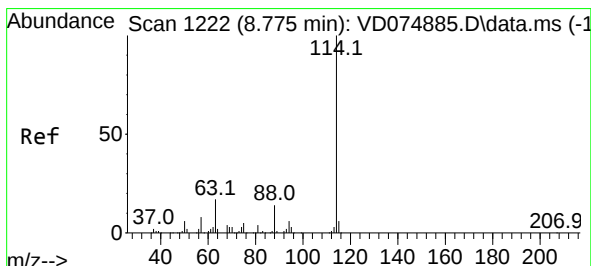
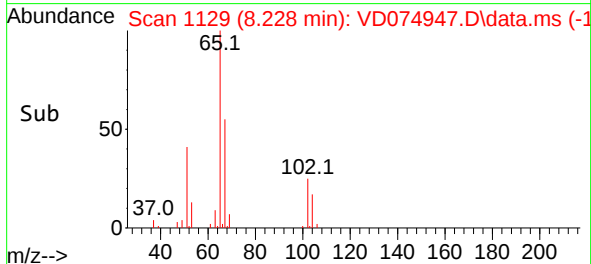
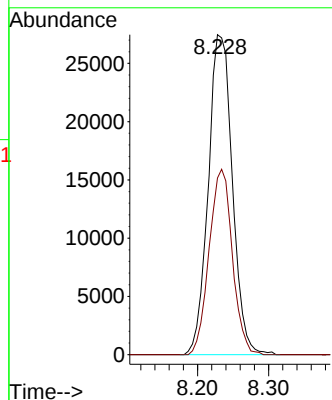
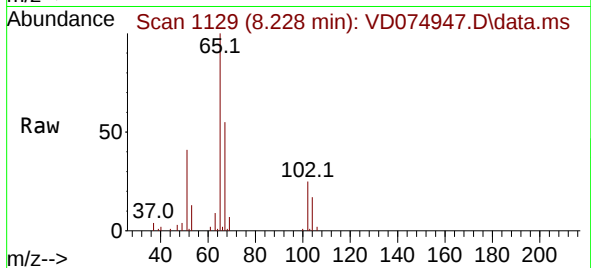
SOIL-PILE-22

Tgt Ion: 65 Resp: 64767

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074947.D

Acq: 16 Nov 2022 14:31

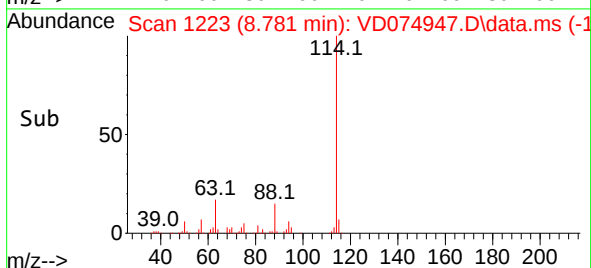
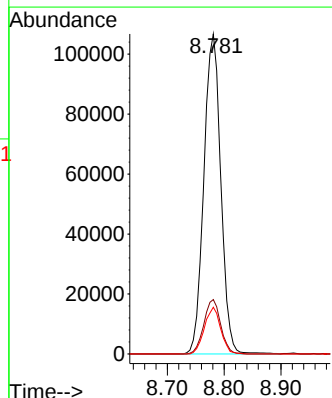
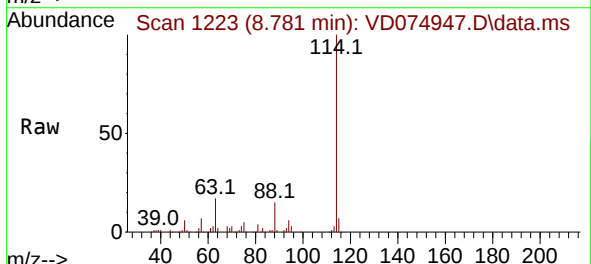
Tgt Ion: 114 Resp: 220507

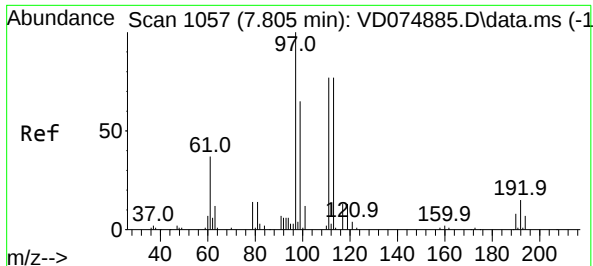
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 14.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 61.050 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074947.D

Acq: 16 Nov 2022 14:31

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-22

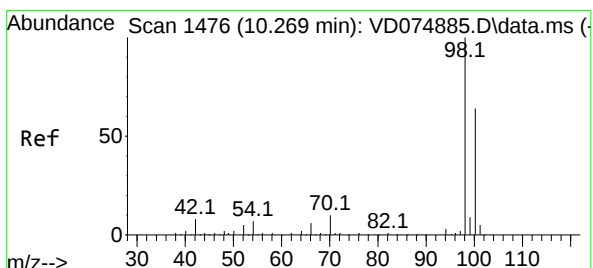
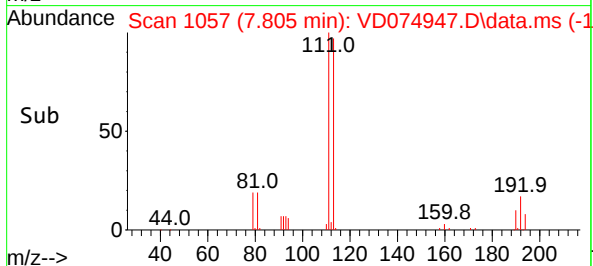
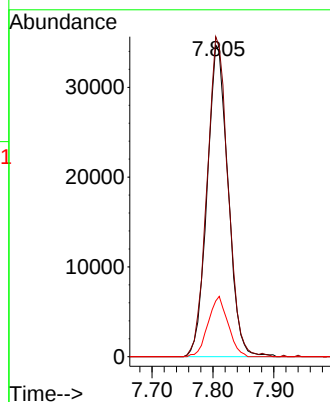
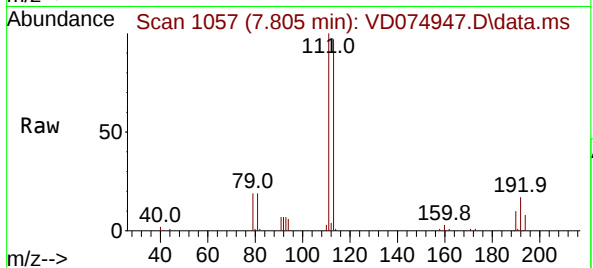
Tgt Ion:113 Resp: 82984

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 18.4 16.4 24.6



#50

Toluene-d8

Concen: 59.686 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074947.D

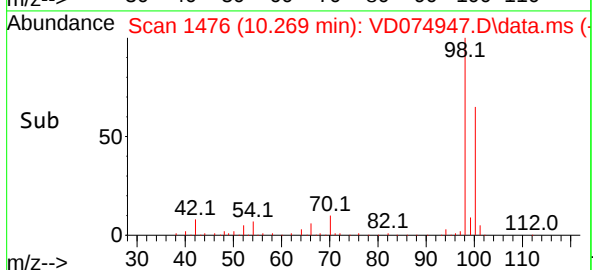
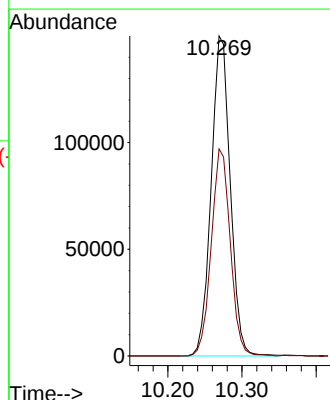
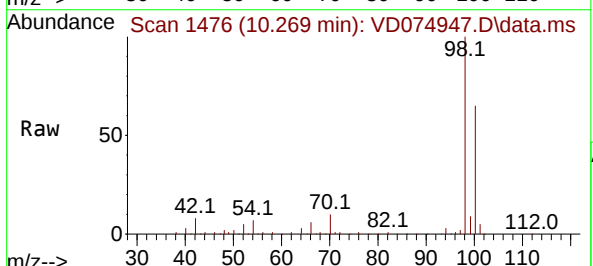
Acq: 16 Nov 2022 14:31

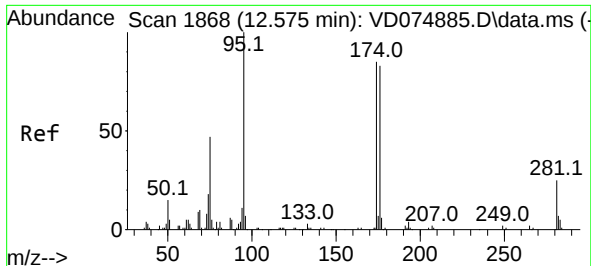
Tgt Ion: 98 Resp: 267244

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

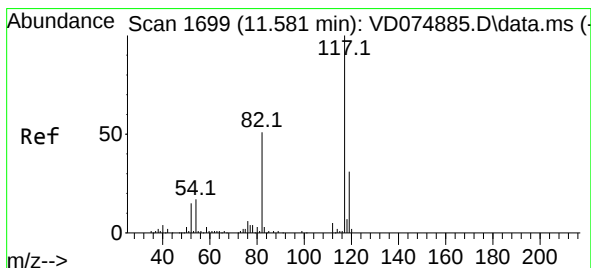
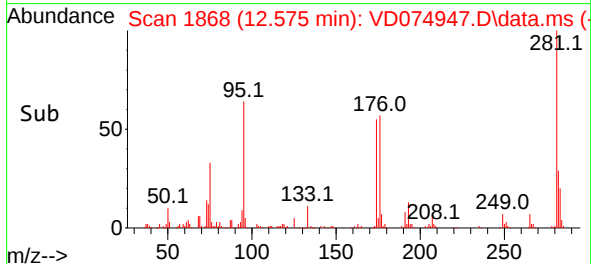
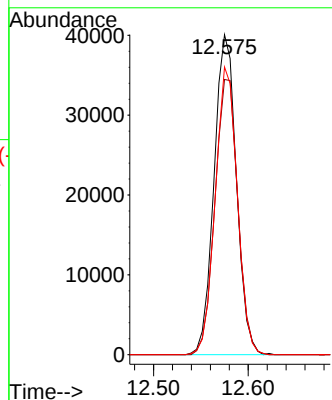
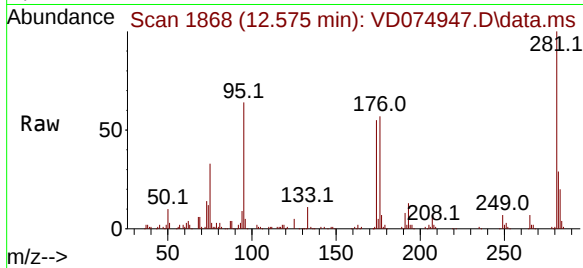




#62
4-Bromofluorobenzene
Concen: 47.831 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

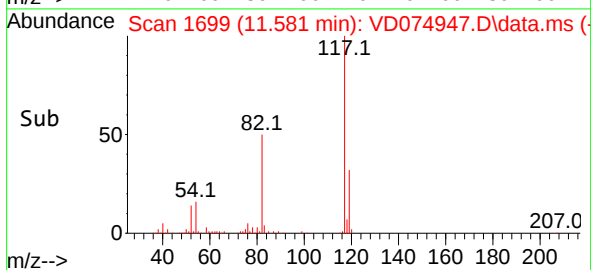
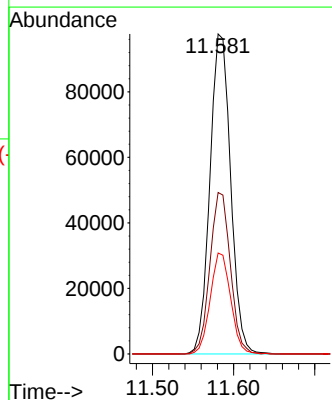
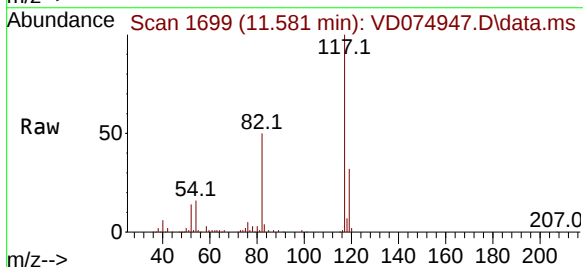
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-22

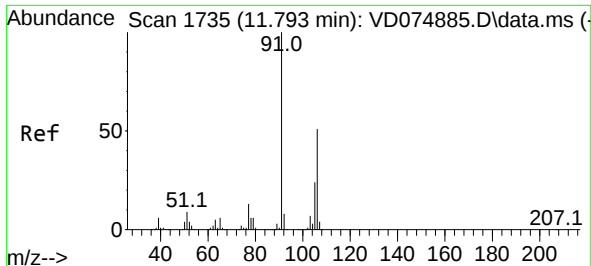
Tgt Ion: 95 Resp: 65762
Ion Ratio Lower Upper
95 100
174 88.0 0.0 197.0
176 88.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

Tgt Ion: 117 Resp: 173158
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 31.5 25.2 37.8

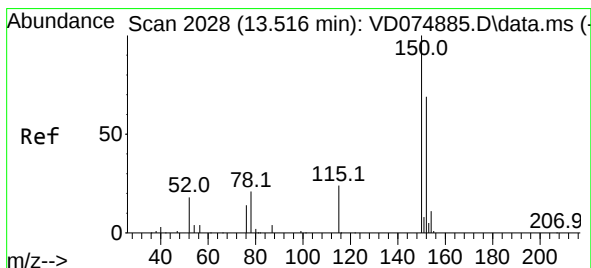
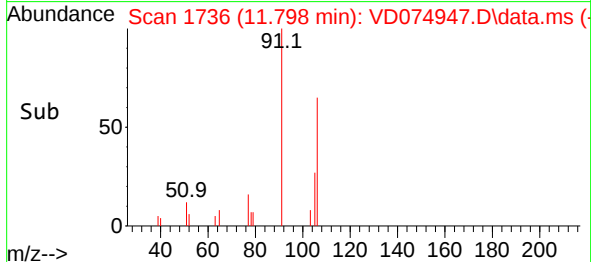
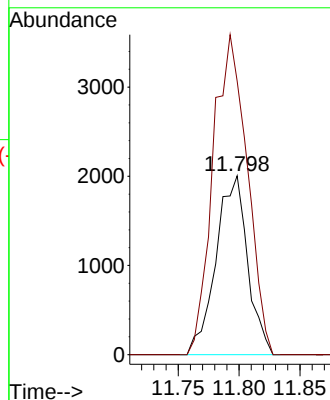
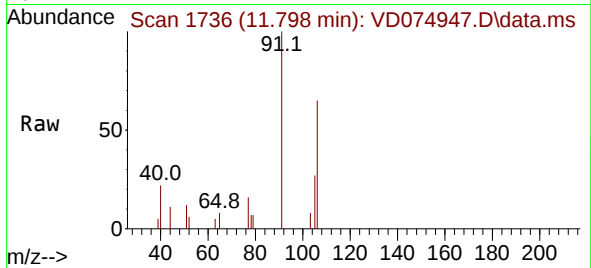




#68
m/p-Xylenes
Concen: 1.535 ug/l
RT: 11.798 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-22

Tgt Ion:106 Resp: 3611
Ion Ratio Lower Upper
106 100
91 193.7 156.2 234.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074947.D
Acq: 16 Nov 2022 14:31

Tgt Ion:152 Resp: 53378
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 158.4 0.0 348.2

