

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072531.D
 Acq On : 05 Apr 2022 13:24
 Operator : VA/SY
 Sample : N2229-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Quant Time: Apr 06 01:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

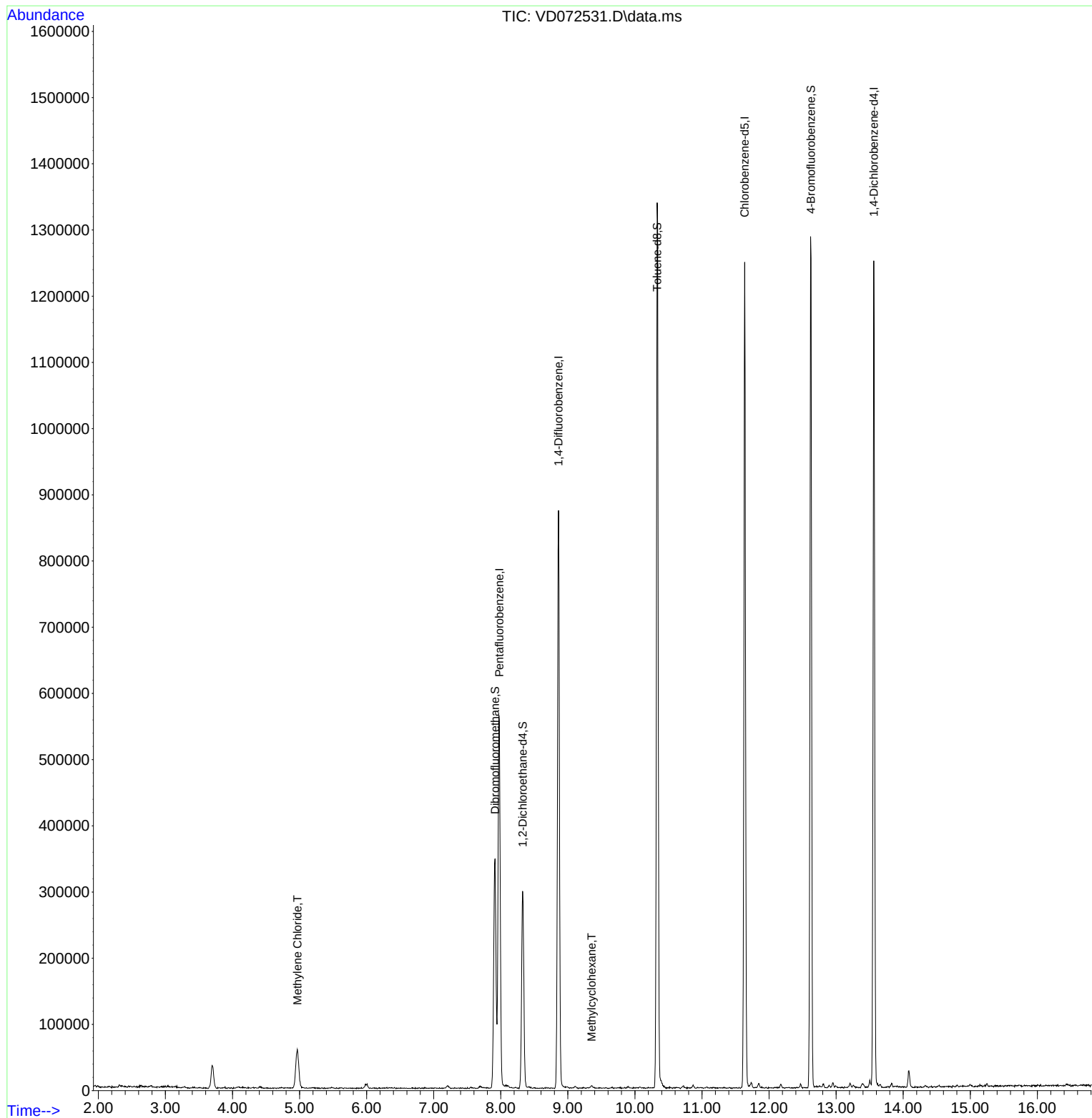
Internal Standards						
1) Pentafluorobenzene	7.979	168	413095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	754264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	709129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	325250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242931	48.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.914	113	256026	43.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.360%
50) Toluene-d8	10.332	98	918195	45.064	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.626	95	324251	40.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	48279	8.703	ug/l #	78
39) Methylcyclohexane	9.355	83	1575	3.047	ug/l #	75

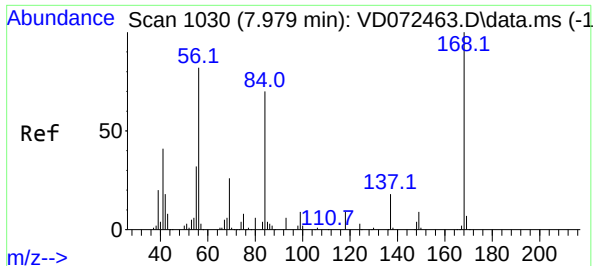
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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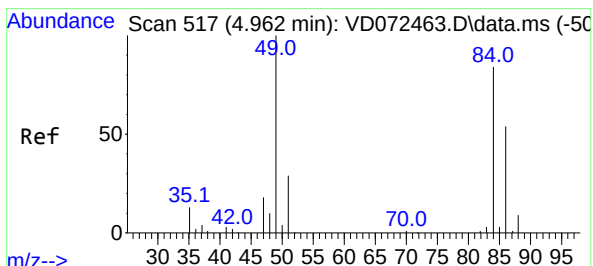
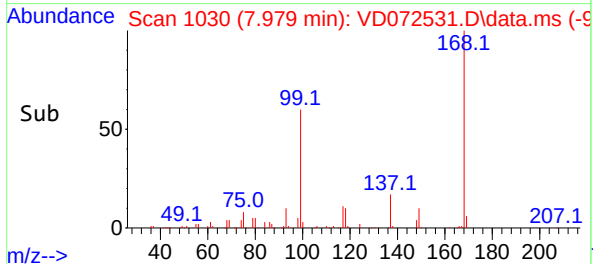
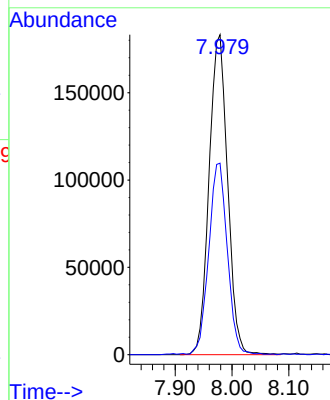
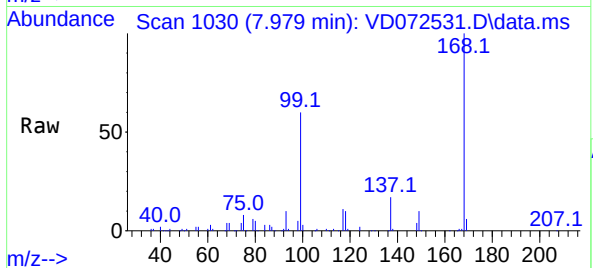




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

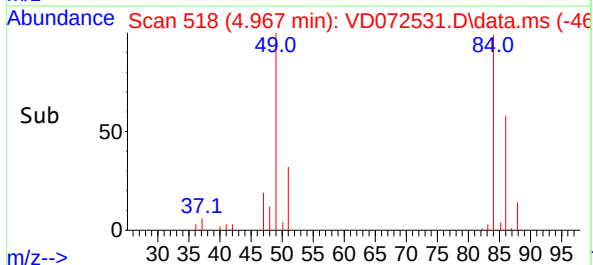
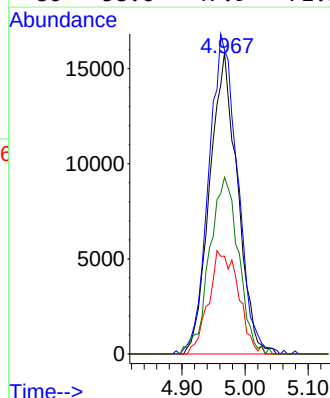
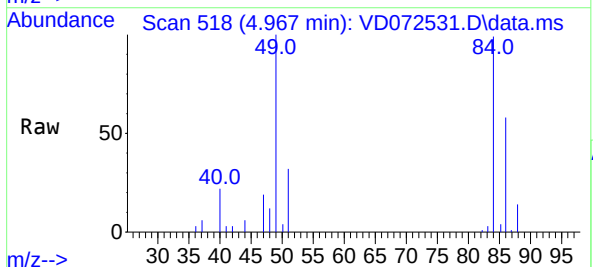
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

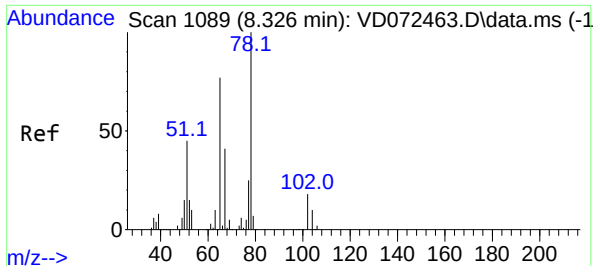
Tgt Ion:168 Resp: 413095
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#20
Methylene Chloride
Concen: 8.703 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

Tgt Ion: 84 Resp: 48279
Ion Ratio Lower Upper
84 100
49 100.8 112.8 169.2#
51 32.4 32.6 48.8#
86 58.6 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 48.614 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072531.D

Acq: 05 Apr 2022 13:24

Instrument :

MSVOA_D

ClientSampleId :

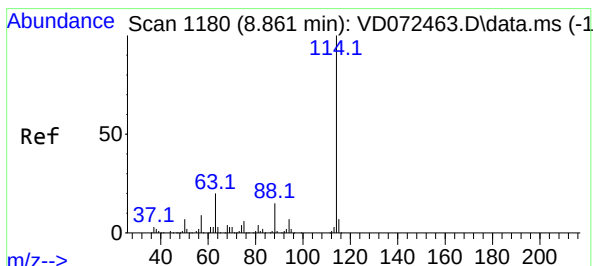
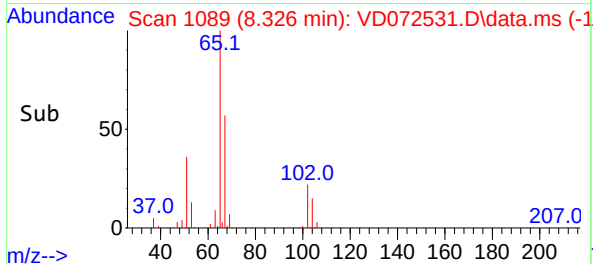
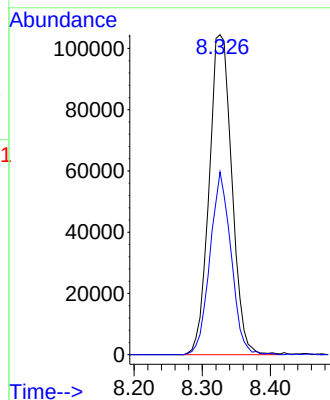
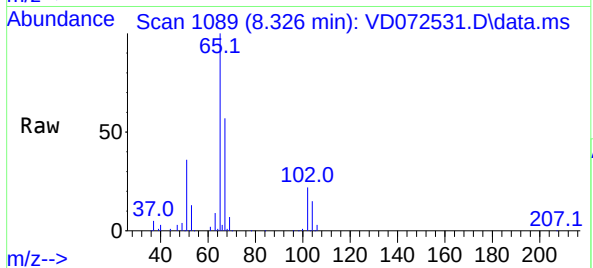
SOIL-DRUM

Tgt Ion: 65 Resp: 242931

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072531.D

Acq: 05 Apr 2022 13:24

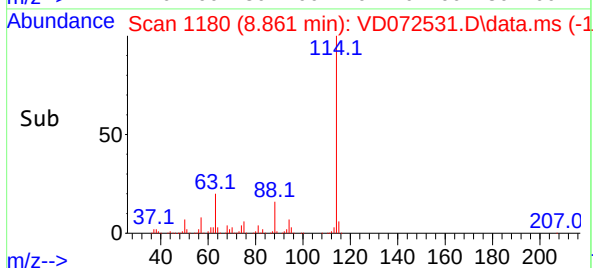
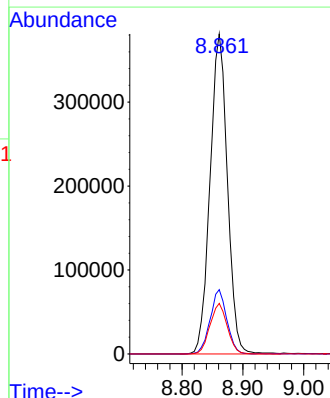
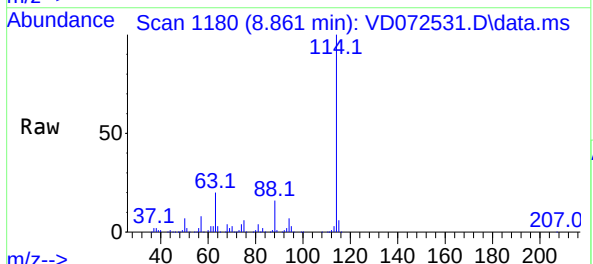
Tgt Ion: 114 Resp: 754264

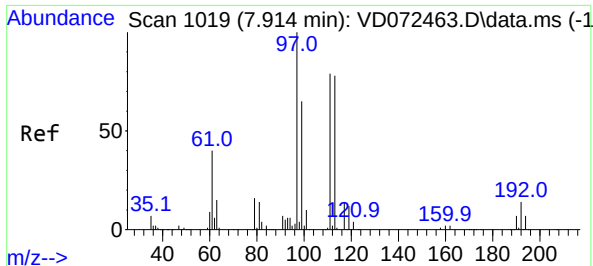
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.8 0.0 33.2

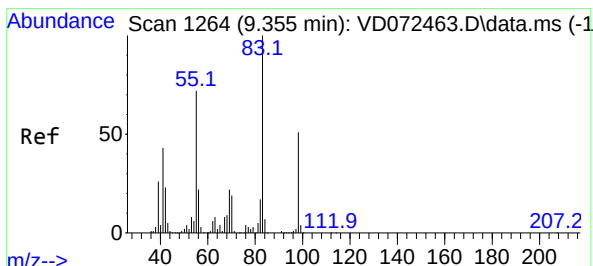
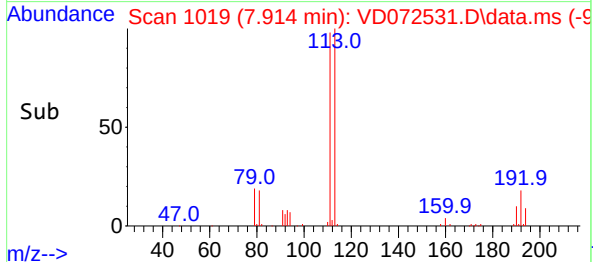
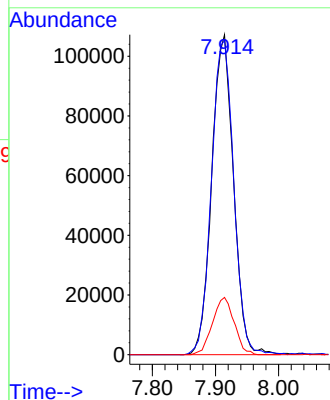
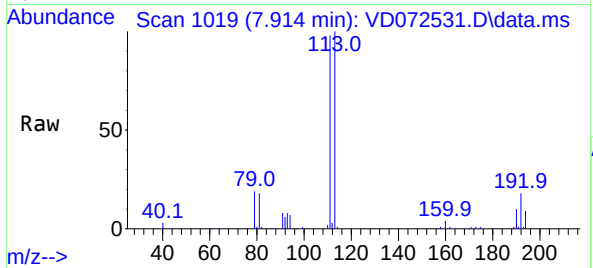




#35
Dibromofluoromethane
Concen: 43.678 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

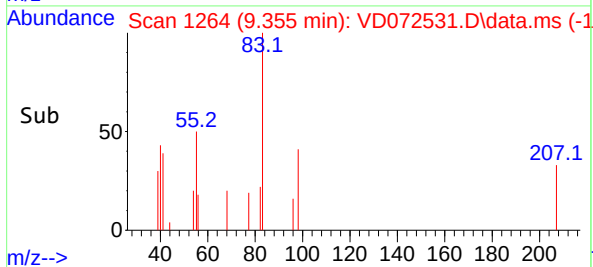
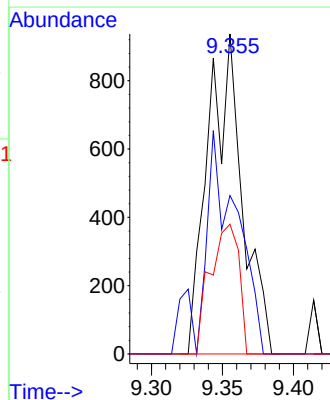
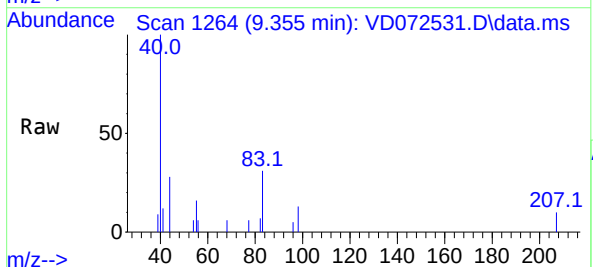
Instrument :
MSVOA_D
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SOIL-DRUM

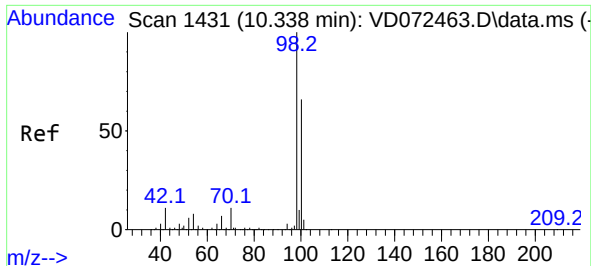
Tgt Ion:113 Resp: 256026
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 17.9 14.6 21.8



#39
Methylcyclohexane
Concen: 3.047 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

Tgt Ion: 83 Resp: 1575
Ion Ratio Lower Upper
83 100
55 49.5 63.2 94.8#
98 40.6 38.2 57.4

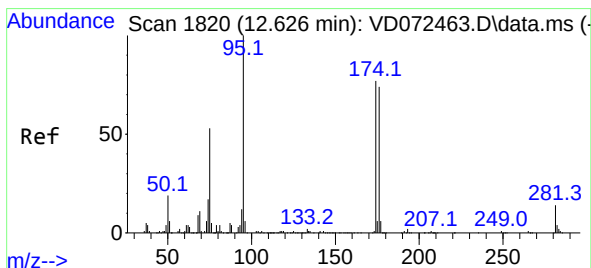
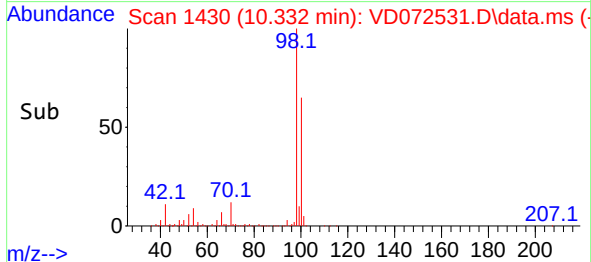
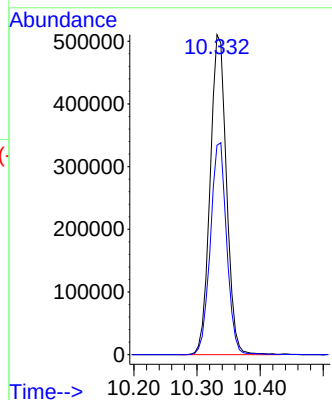
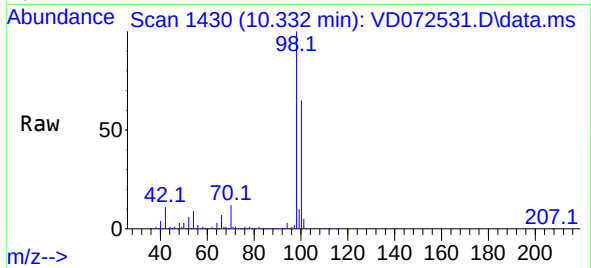




#50
Toluene-d8
Concen: 45.064 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

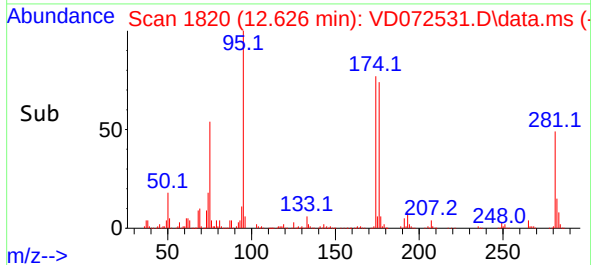
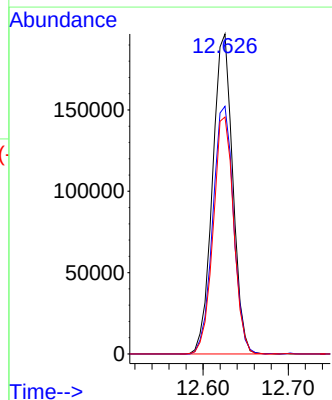
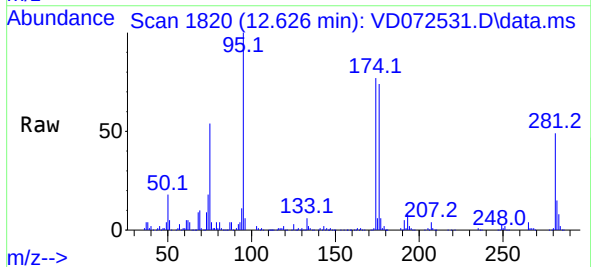
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

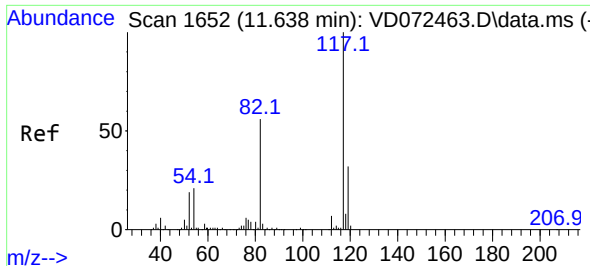
Tgt Ion: 98 Resp: 918195
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.747 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

Tgt Ion: 95 Resp: 324251
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 74.5 0.0 145.4

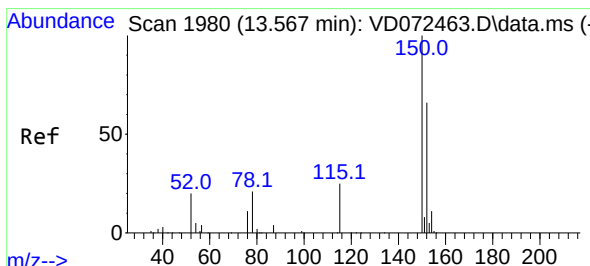
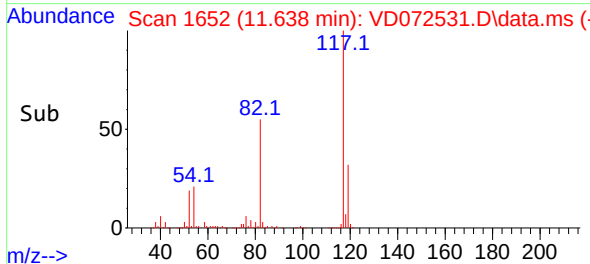
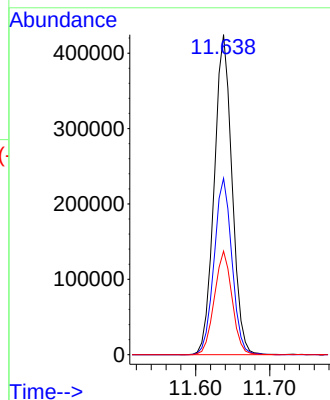
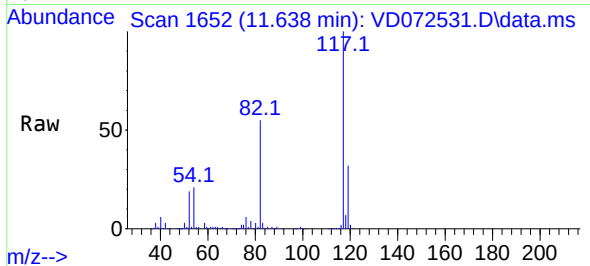




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

Tgt Ion:117 Resp: 709129
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072531.D
Acq: 05 Apr 2022 13:24

Tgt Ion:152 Resp: 325250
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.1 0.0 348.6

