

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074156.D
 Acq On : 19 Aug 2022 18:55
 Operator : VA/SY
 Sample : N4227-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Aug 20 01:27:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

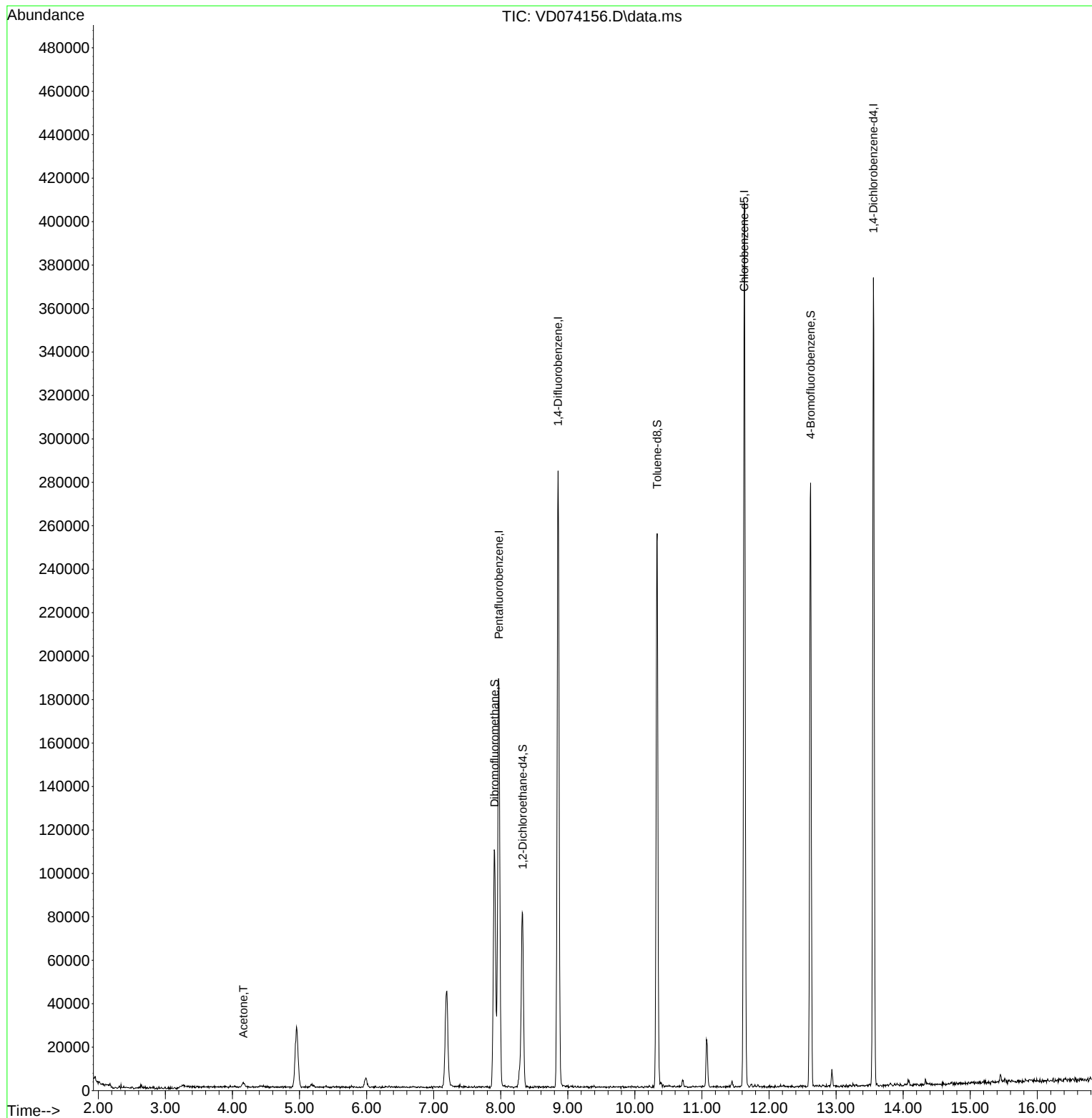
Internal Standards						
1) Pentafluorobenzene	7.973	168	135202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	243277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	230133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	97883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	65755	67.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.020%
35) Dibromofluoromethane	7.909	113	81260	69.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.580%
50) Toluene-d8	10.332	98	174099	52.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.620	95	91275	50.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.280%
Target Compounds						
16) Acetone	4.162	43	4041	13.873	ug/l	Qvalue 95

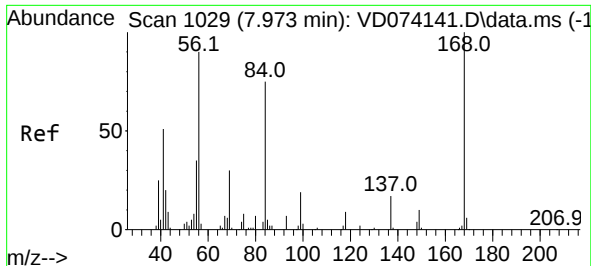
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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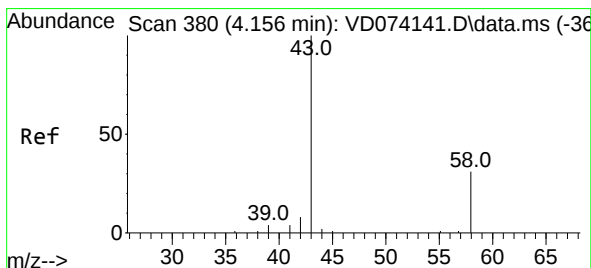
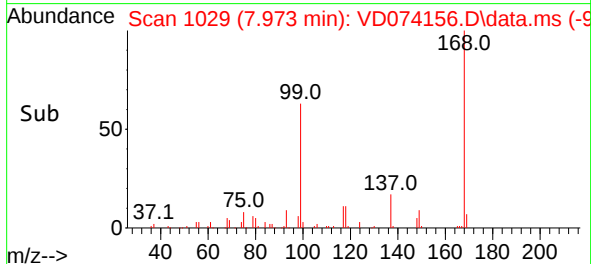
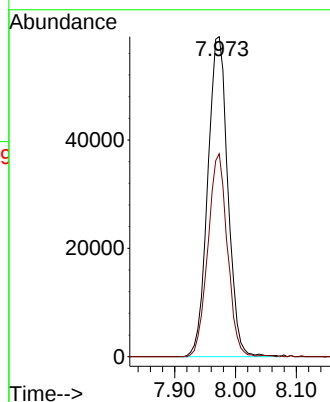
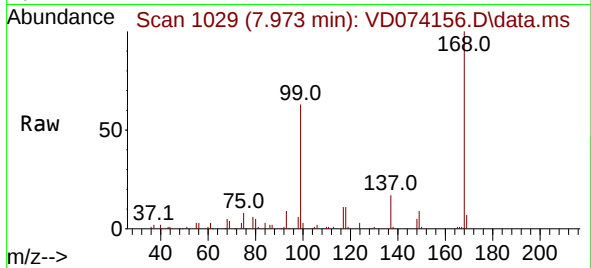




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074156.D
Acq: 19 Aug 2022 18:55

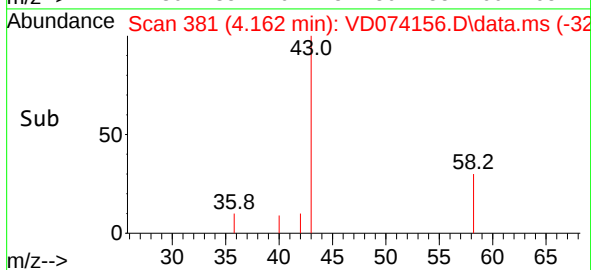
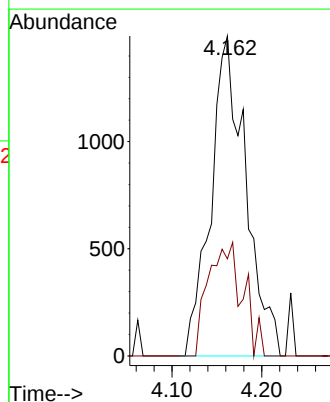
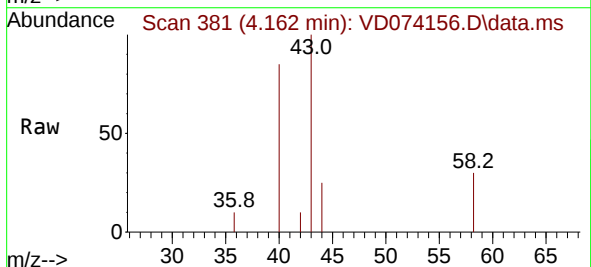
Instrument :
MSVOA_D
ClientSampleId :
SP-1

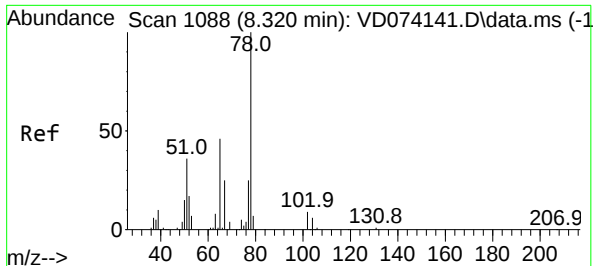
Tgt Ion:168 Resp: 135202
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#16
Acetone
Concen: 13.873 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074156.D
Acq: 19 Aug 2022 18:55

Tgt Ion: 43 Resp: 4041
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 67.509 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD074156.D

Acq: 19 Aug 2022 18:55

Instrument :

MSVOA_D

ClientSampleId :

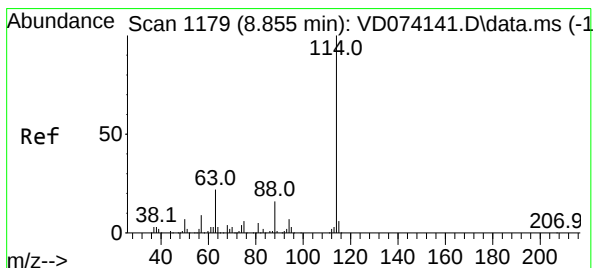
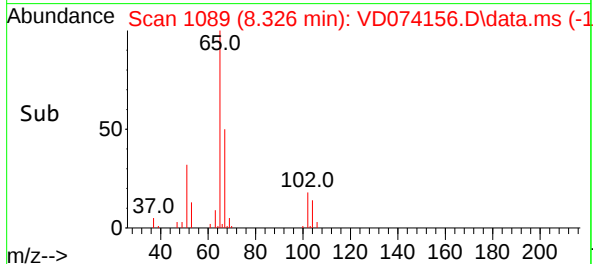
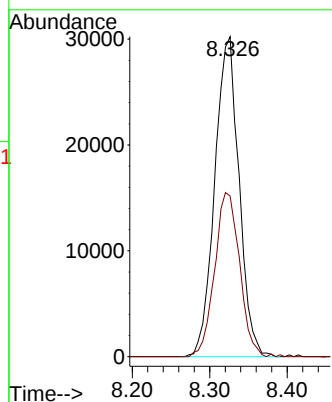
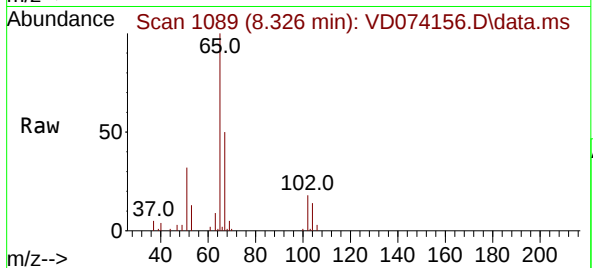
SP-1

Tgt Ion: 65 Resp: 65755

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD074156.D

Acq: 19 Aug 2022 18:55

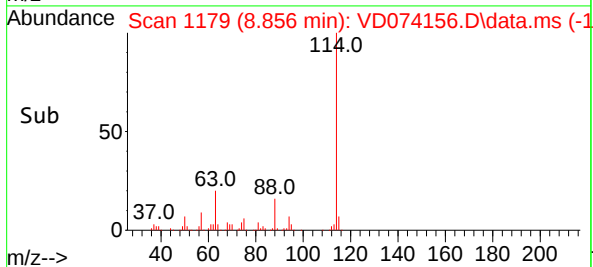
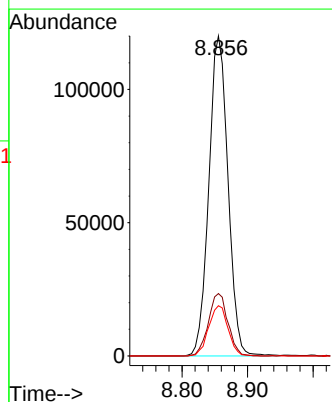
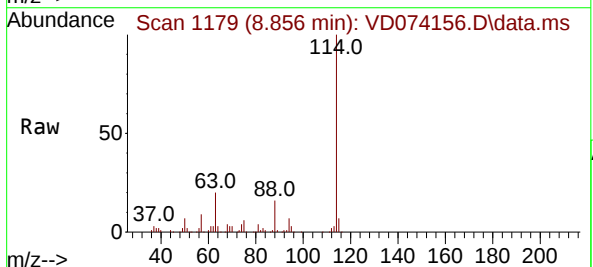
Tgt Ion: 114 Resp: 243277

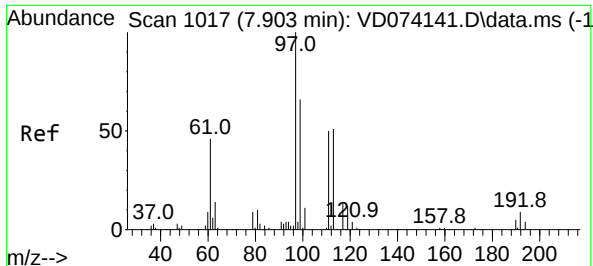
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.7 0.0 33.2

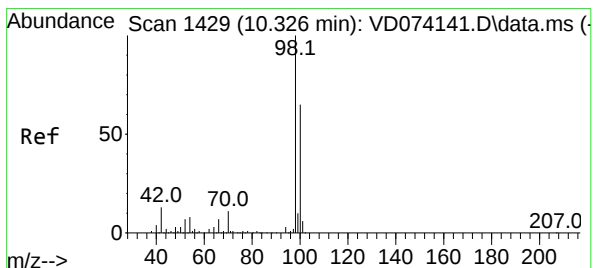
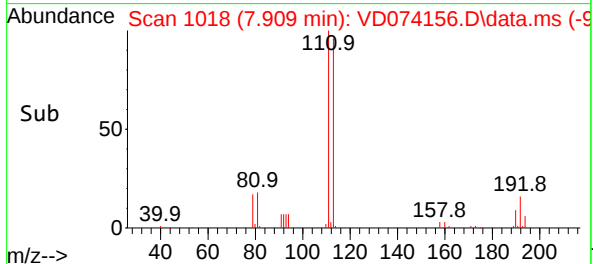
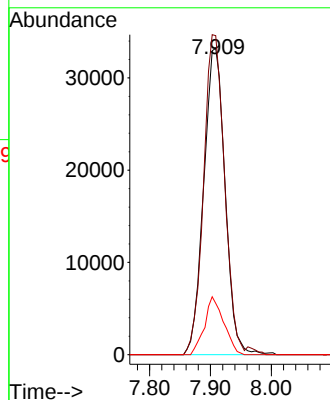
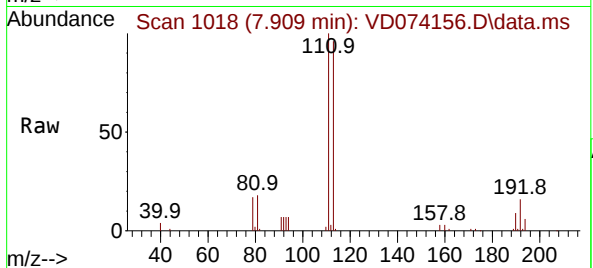




#35
Dibromofluoromethane
Concen: 69.788 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD074156.D
Acq: 19 Aug 2022 18:55

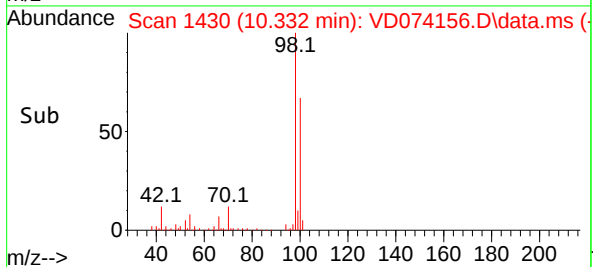
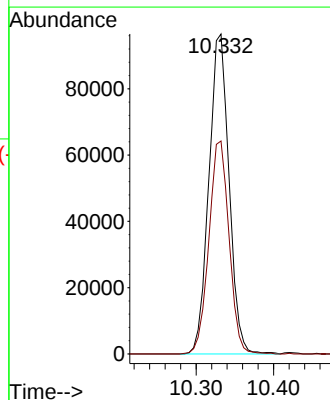
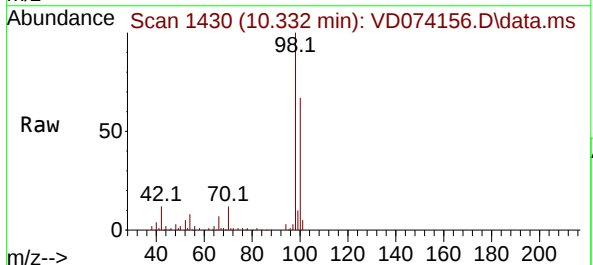
Instrument :
MSVOA_D
ClientSampleId :
SP-1

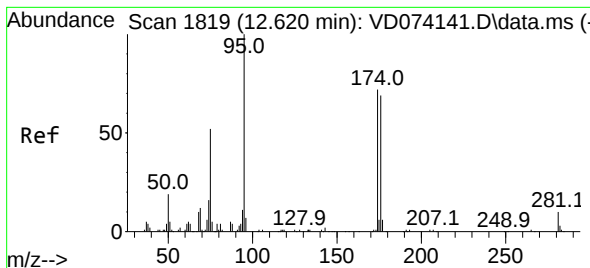
Tgt Ion:113 Resp: 81260
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.0 14.6 21.8



#50
Toluene-d8
Concen: 52.552 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074156.D
Acq: 19 Aug 2022 18:55

Tgt Ion: 98 Resp: 174099
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

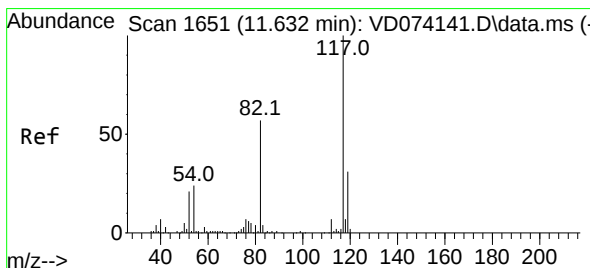
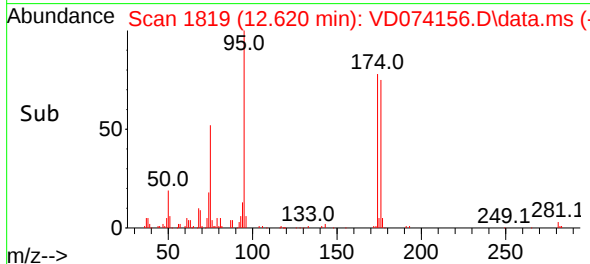
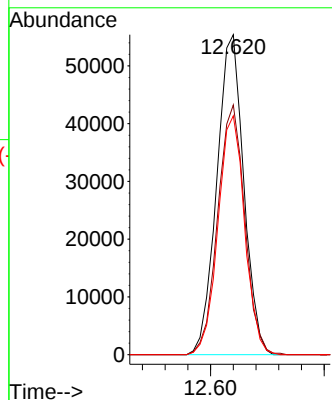
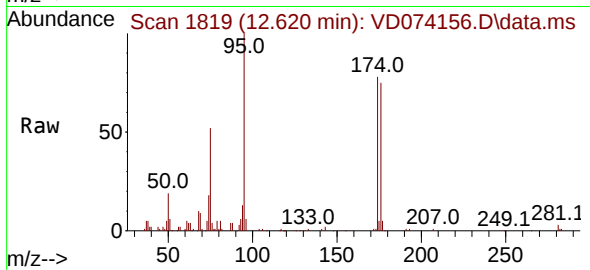




#62
4-Bromofluorobenzene
Concen: 50.141 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074156.D
Acq: 19 Aug 2022 18:55

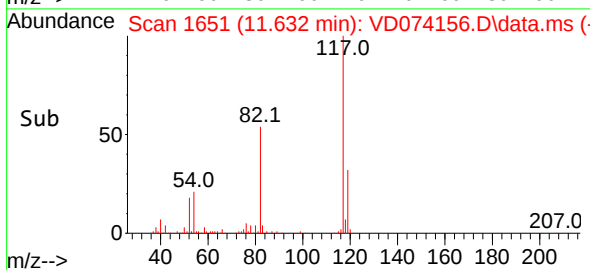
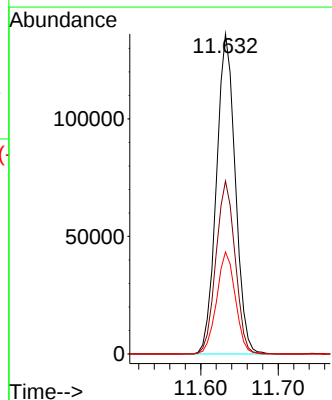
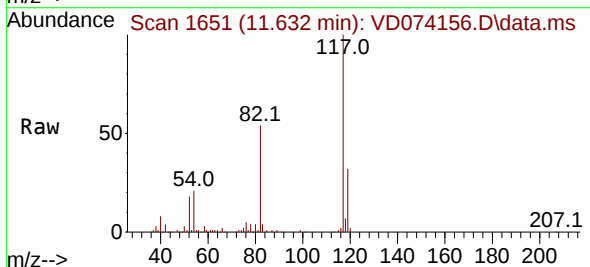
Instrument :
MSVOA_D
ClientSampleId :
SP-1

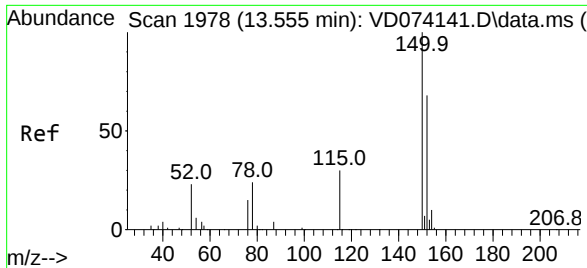
Tgt Ion: 95 Resp: 91275
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074156.D
Acq: 19 Aug 2022 18:55

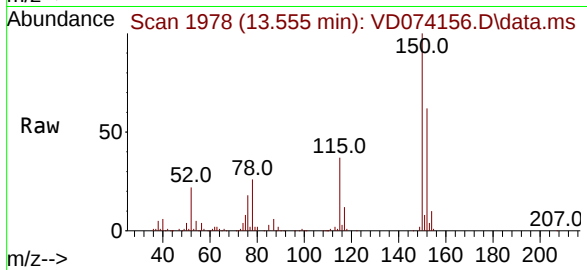
Tgt Ion: 117 Resp: 230133
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.9 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074156.D
 Acq: 19 Aug 2022 18:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1



Tgt Ion:152 Resp: 97883
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.3 93.8
 150 157.4 0.0 348.6

