

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074098.D
 Acq On : 15 Aug 2022 19:06
 Operator : VA/SY
 Sample : N4189-03RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB19

Quant Time: Aug 15 22:49:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 22:46:28 2022
 Response via : Initial Calibration

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

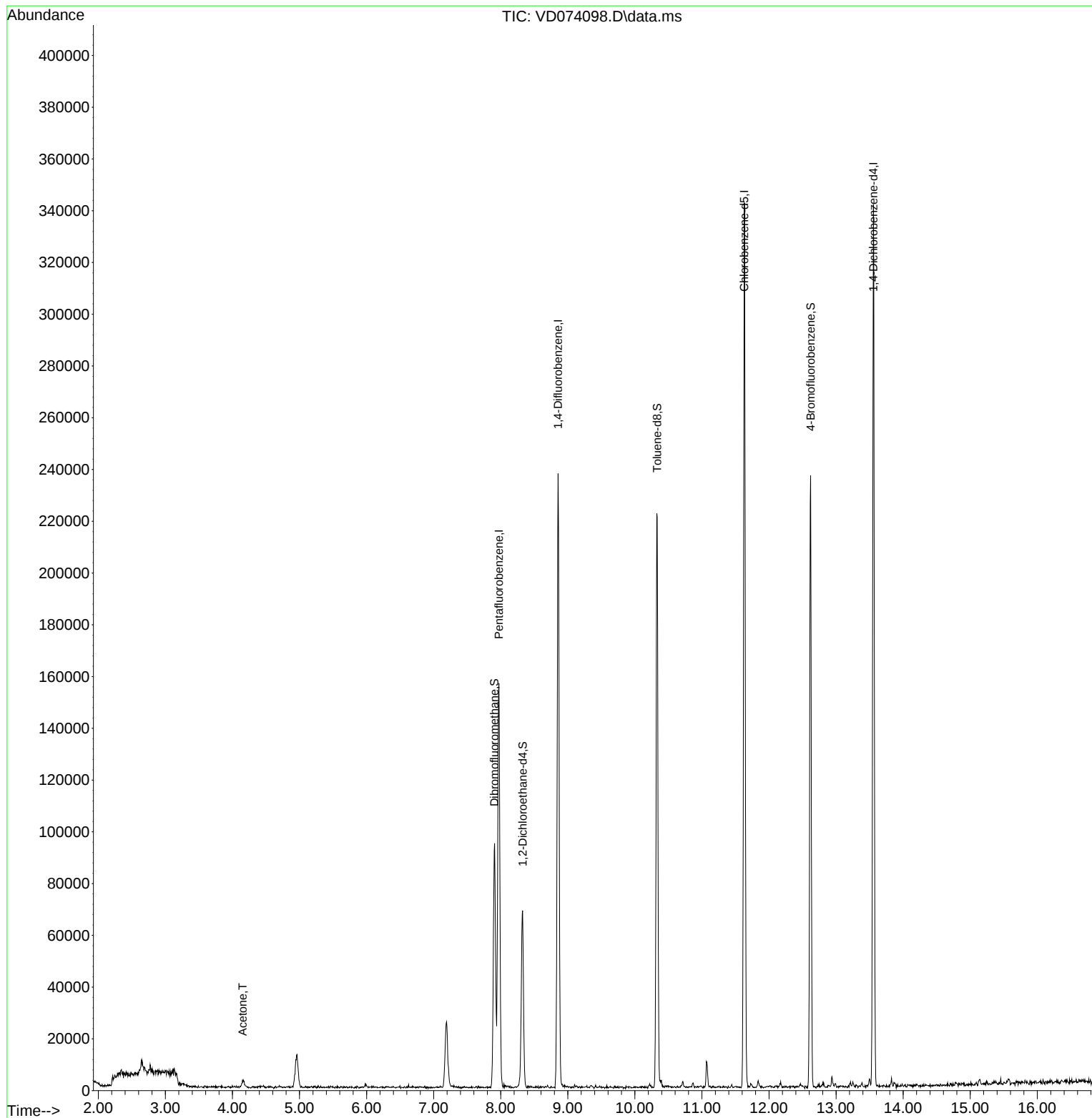
Internal Standards						
1) Pentafluorobenzene	7.973	168	113200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	202299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	192463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	88944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	53584	66.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.000%
35) Dibromofluoromethane	7.903	113	65469	50.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.332	98	154943	39.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.960%
62) 4-Bromofluorobenzene	12.620	95	74955	46.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.500%
Target Compounds						
16) Acetone	4.150	43	4980	13.295	ug/l	Qvalue # 75

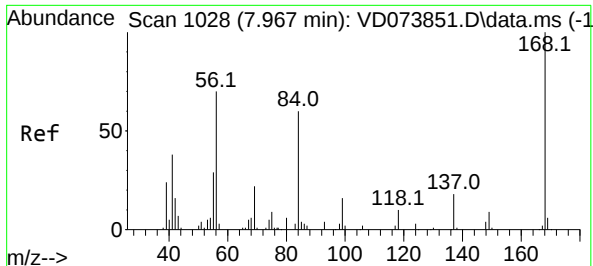
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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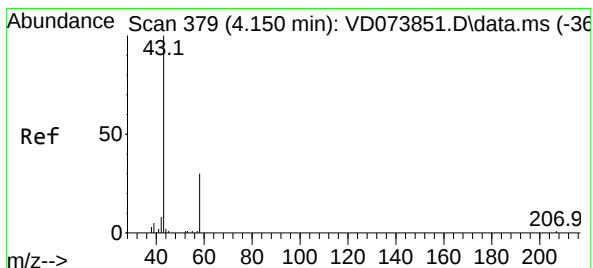
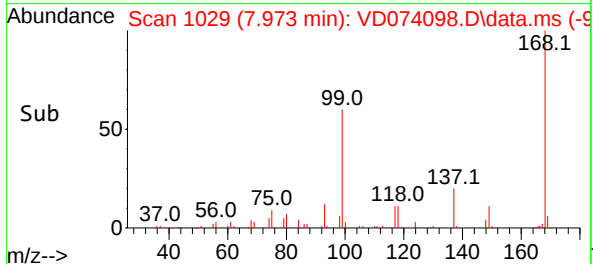
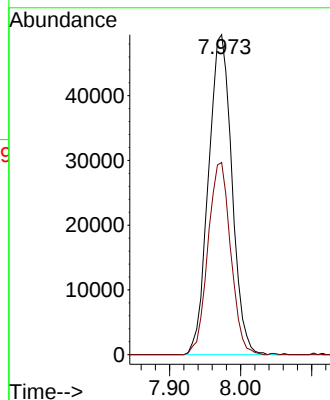
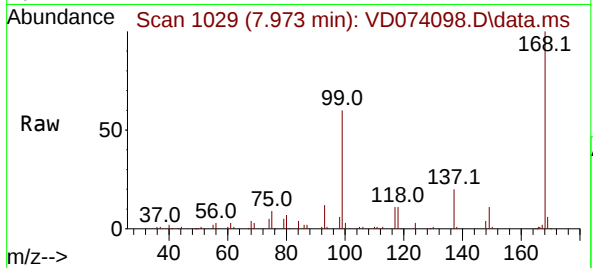




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074098.D
Acq: 15 Aug 2022 19:06

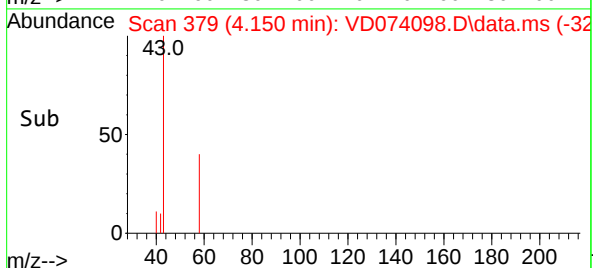
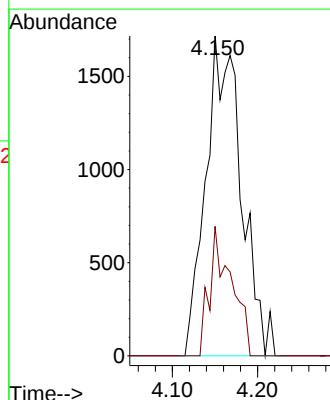
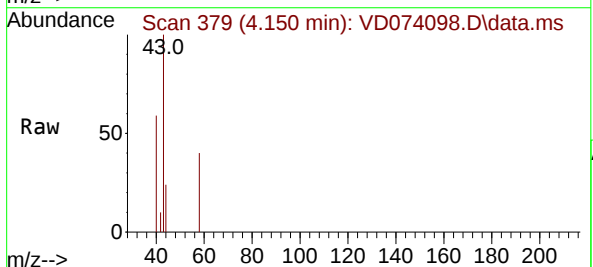
Instrument :
MSVOA_D
ClientSampleId :
SB19

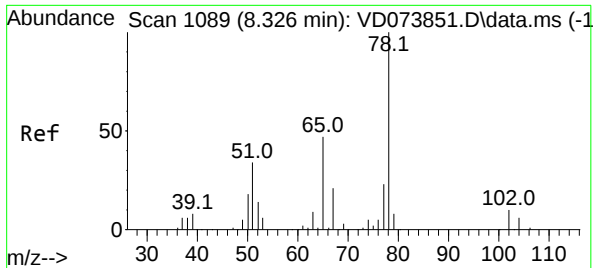
Tgt Ion:168 Resp: 113200
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#16
Acetone
Concen: 13.295 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD074098.D
Acq: 15 Aug 2022 19:06

Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
43 100
58 40.5 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 66.000 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD074098.D

Acq: 15 Aug 2022 19:06

Instrument :

MSVOA_D

ClientSampleId :

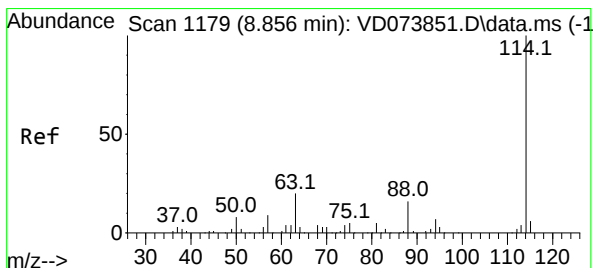
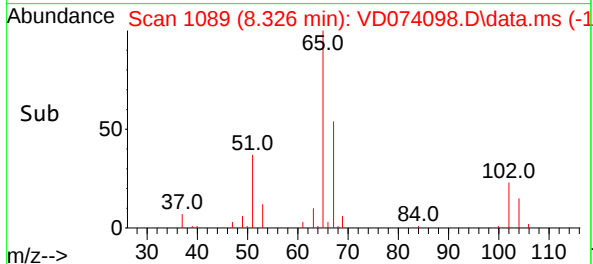
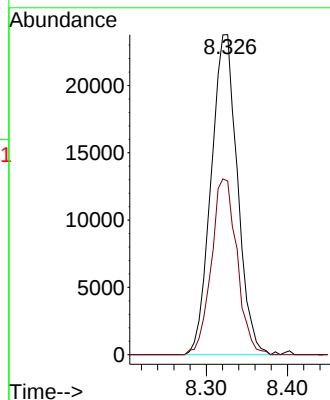
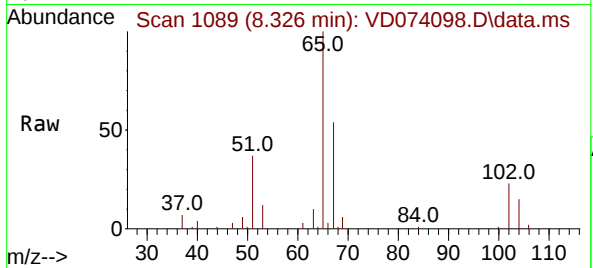
SB19

Tgt Ion: 65 Resp: 53584

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074098.D

Acq: 15 Aug 2022 19:06

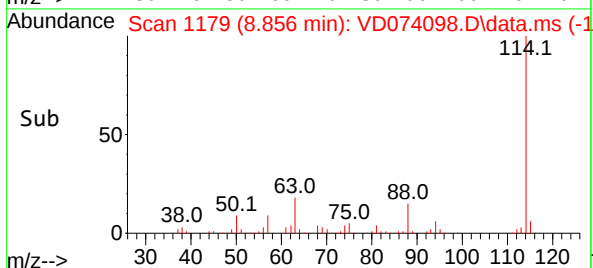
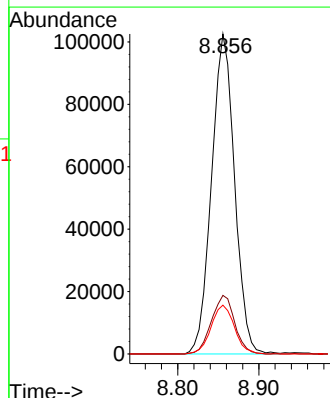
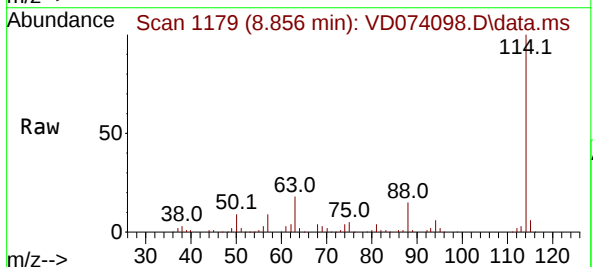
Tgt Ion: 114 Resp: 202299

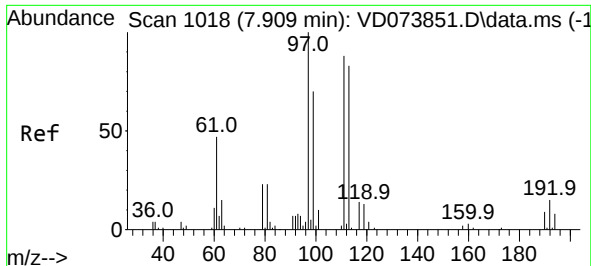
Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.644 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD074098.D

Acq: 15 Aug 2022 19:06

Instrument :

MSVOA_D

ClientSampleId :

SB19

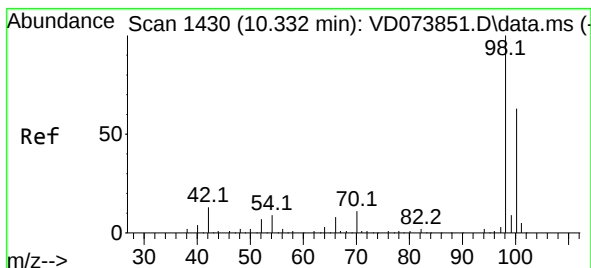
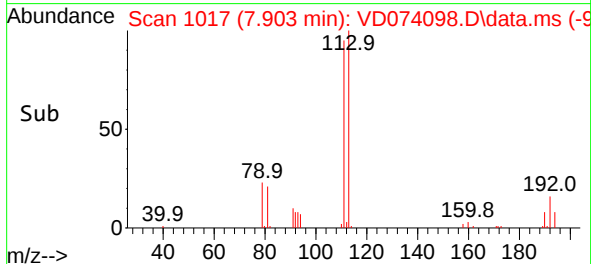
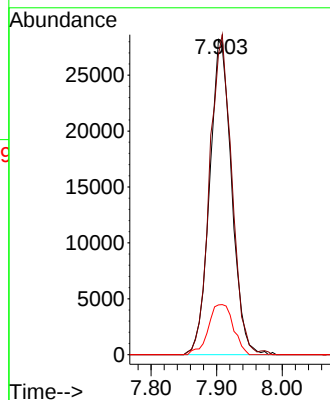
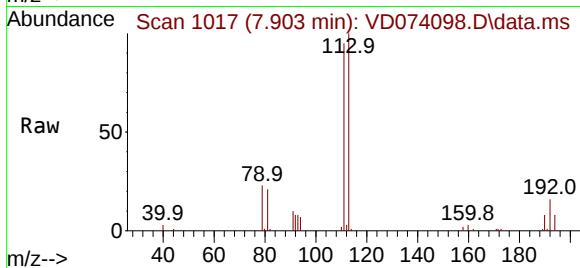
Tgt Ion:113 Resp: 65469

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.1 14.6 21.8



#50

Toluene-d8

Concen: 39.476 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD074098.D

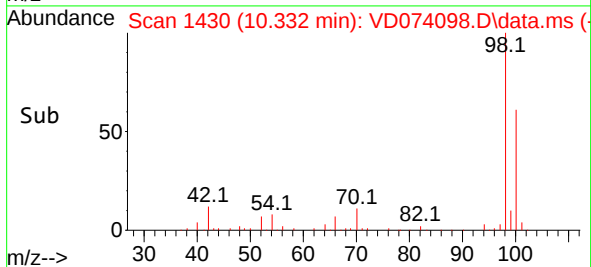
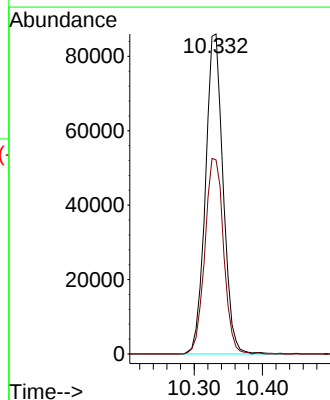
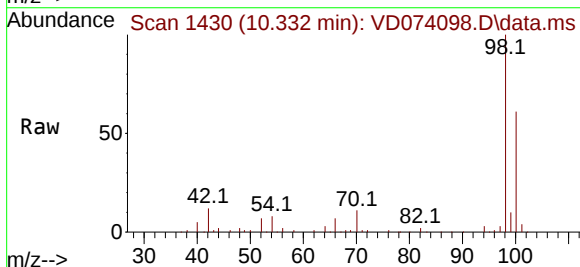
Acq: 15 Aug 2022 19:06

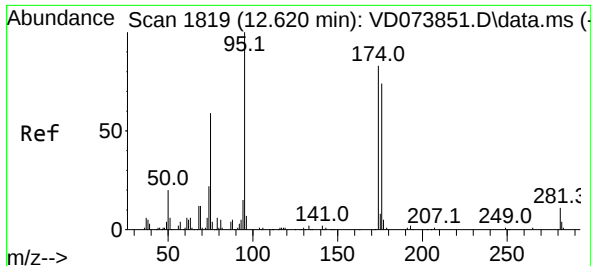
Tgt Ion: 98 Resp: 154943

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6

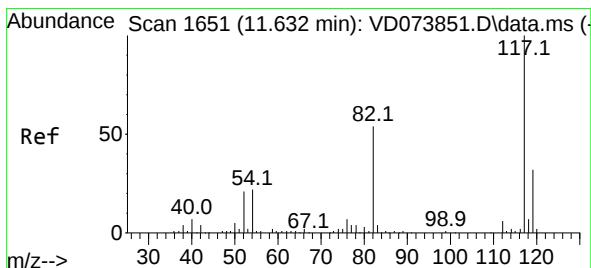
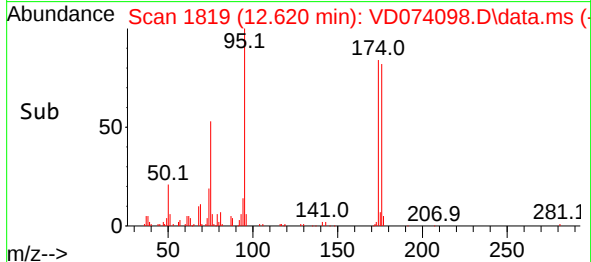
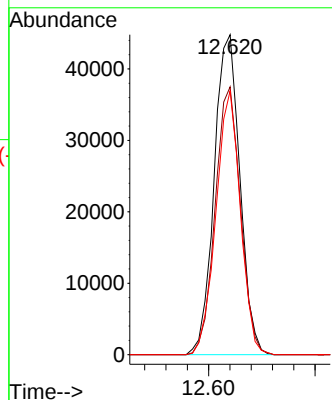
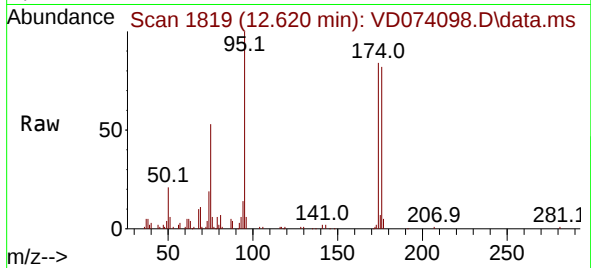




#62
4-Bromofluorobenzene
Concen: 46.246 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074098.D
Acq: 15 Aug 2022 19:06

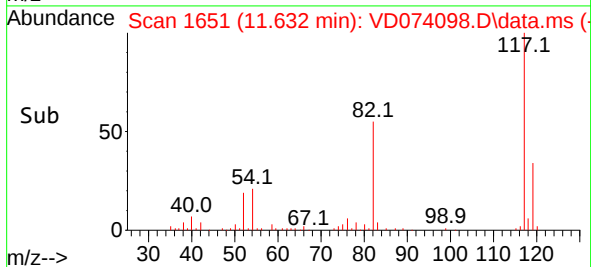
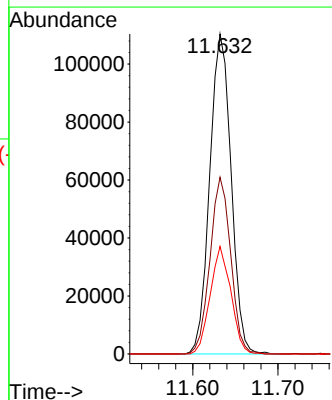
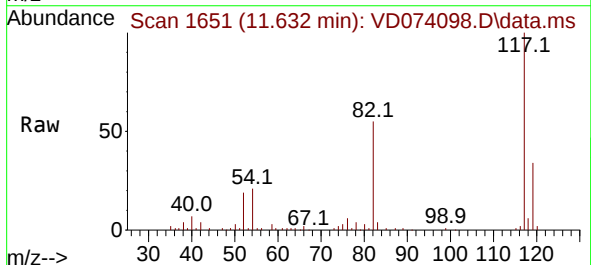
Instrument :
MSVOA_D
ClientSampleId :
SB19

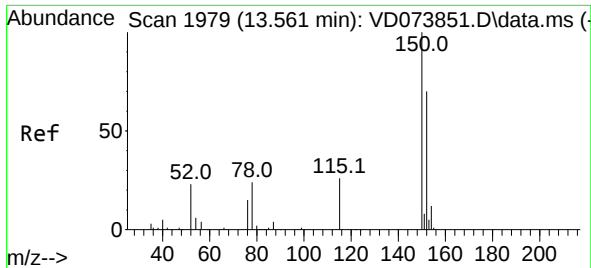
Tgt Ion: 95 Resp: 74955
Ion Ratio Lower Upper
95 100
174 82.4 0.0 152.8
176 78.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074098.D
Acq: 15 Aug 2022 19:06

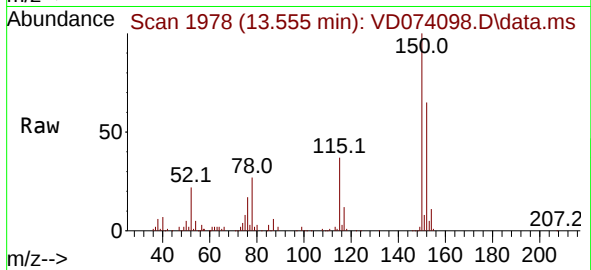
Tgt Ion: 117 Resp: 192463
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 33.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VD074098.D
 Acq: 15 Aug 2022 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SB19



Tgt Ion:	152	Resp:	88944
Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.3	93.8
150	154.3	0.0	348.6

