

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074135.D
 Acq On : 17 Aug 2022 20:28
 Operator : VA/SY
 Sample : N4226-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

Quant Time: Aug 18 03:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

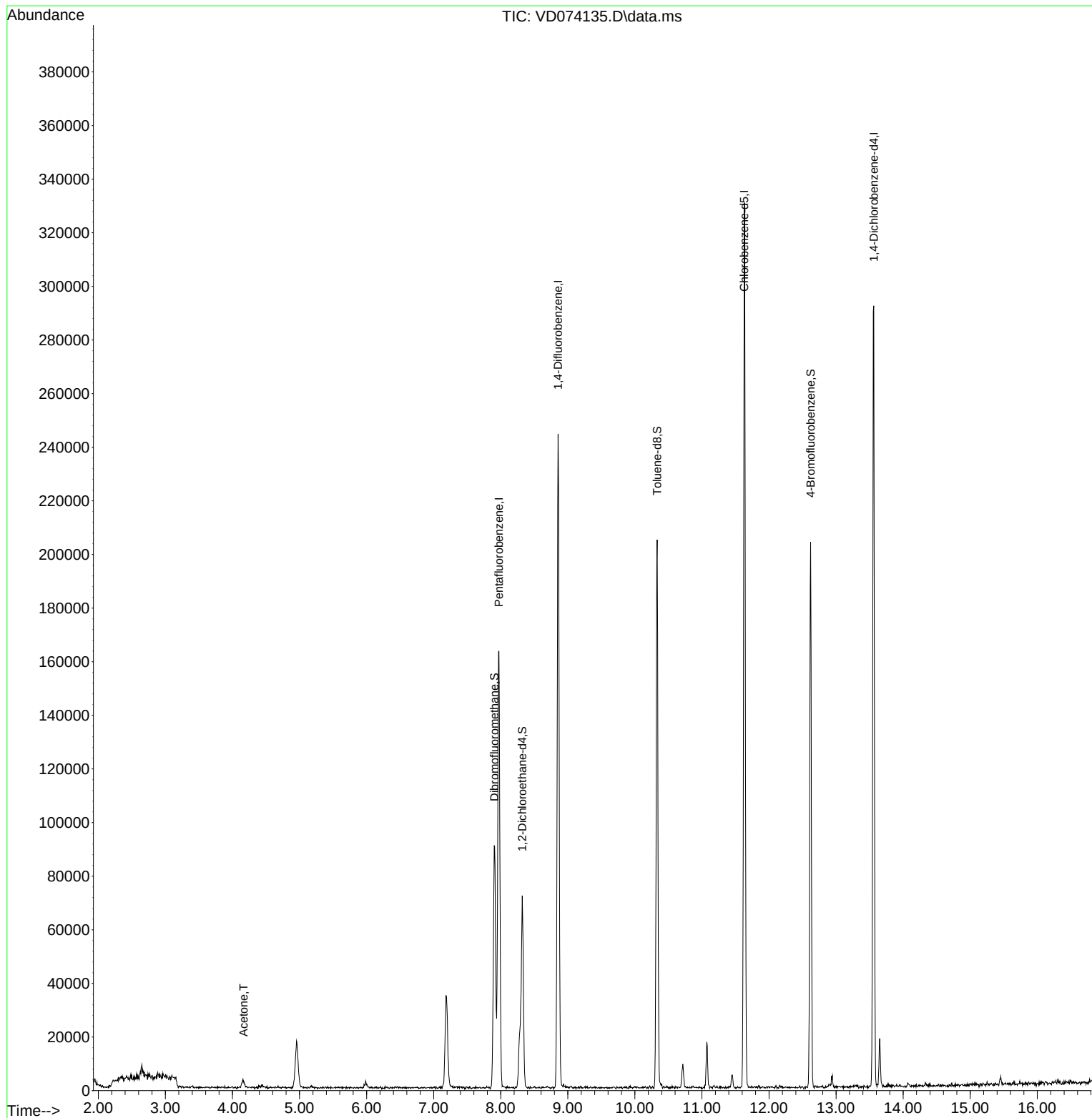
Internal Standards						
1) Pentafluorobenzene	7.973	168	116006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	204017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	189282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	75618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	52465	62.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.320%
35) Dibromofluoromethane	7.903	113	63397	48.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.260%
50) Toluene-d8	10.332	98	139795	35.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.640%
62) 4-Bromofluorobenzene	12.620	95	62190	38.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.100%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	5517	15.288	ug/l #	77

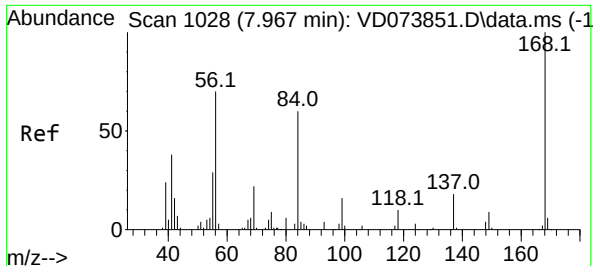
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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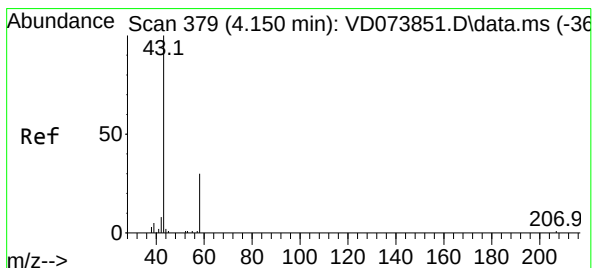
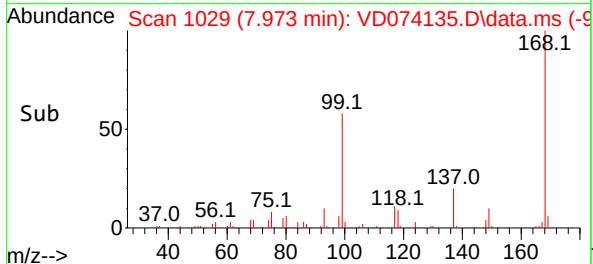
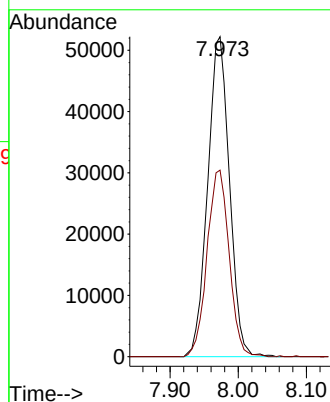
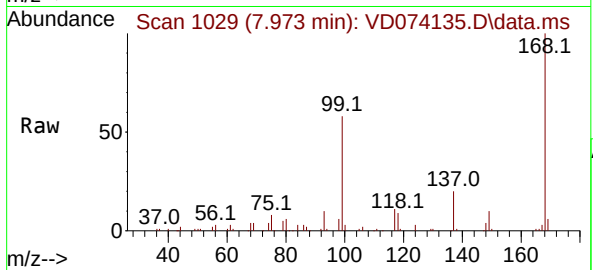




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD074135.D
Acq: 17 Aug 2022 20:28

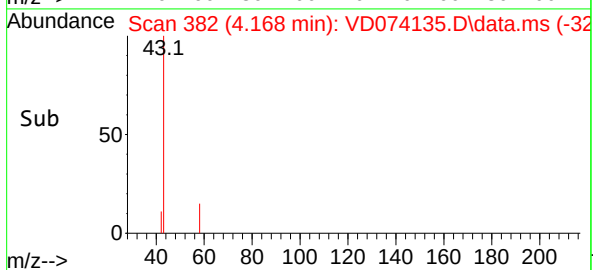
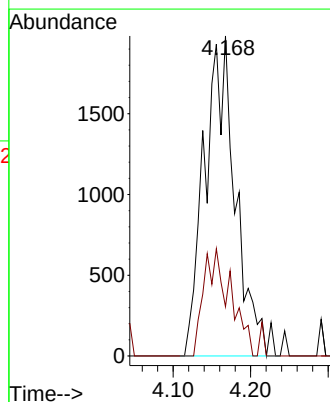
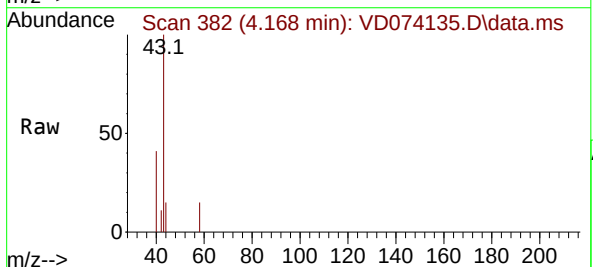
Instrument :
MSVOA_D
ClientSampleId :
B-1

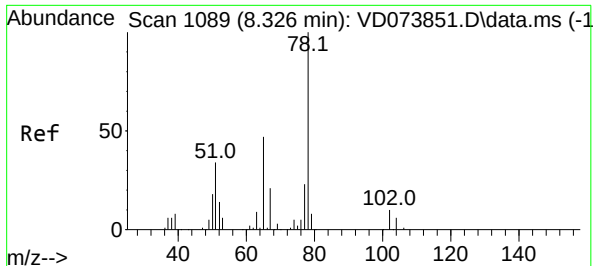
Tgt Ion:168 Resp: 116006
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#16
Acetone
Concen: 15.288 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.018 min
Lab File: VD074135.D
Acq: 17 Aug 2022 20:28

Tgt Ion: 43 Resp: 5517
Ion Ratio Lower Upper
43 100
58 15.4 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 62.661 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD074135.D

Acq: 17 Aug 2022 20:28

Instrument :

MSVOA_D

ClientSampleId :

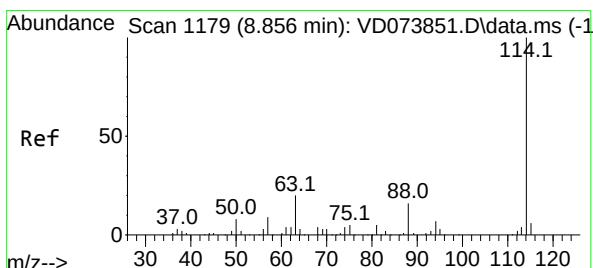
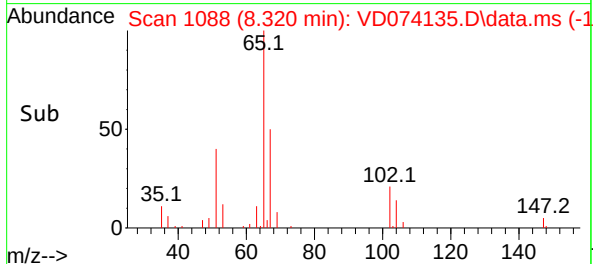
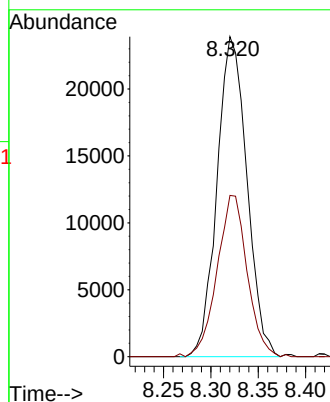
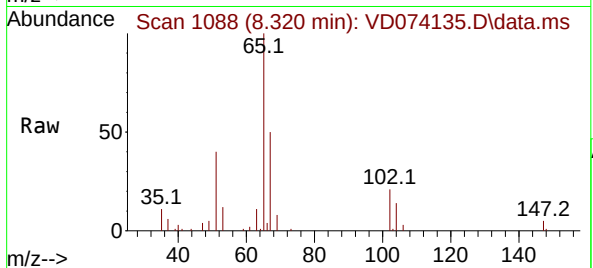
B-1

Tgt Ion: 65 Resp: 52465

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074135.D

Acq: 17 Aug 2022 20:28

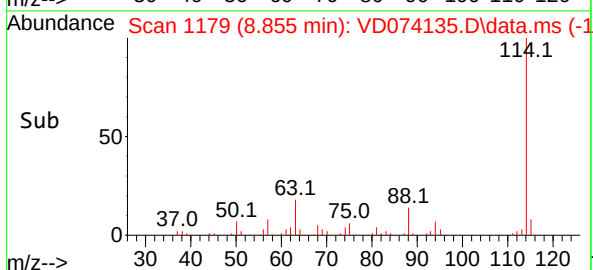
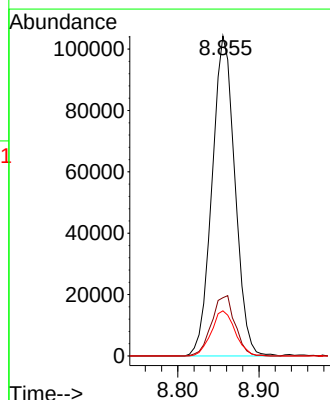
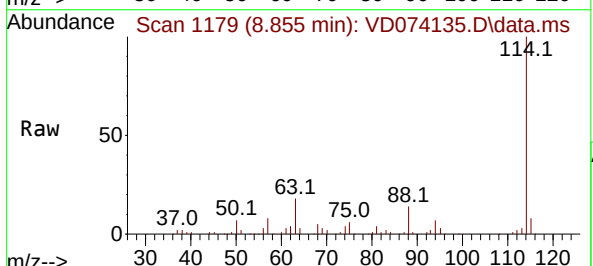
Tgt Ion: 114 Resp: 204017

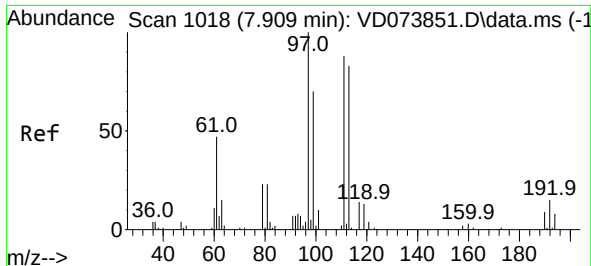
Ion Ratio Lower Upper

114 100

63 18.2 0.0 46.6

88 14.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.628 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD074135.D

Acq: 17 Aug 2022 20:28

Instrument :

MSVOA_D

ClientSampleId :

B-1

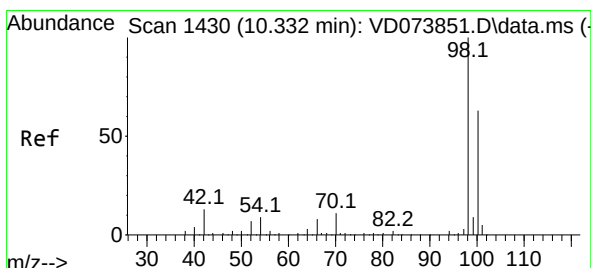
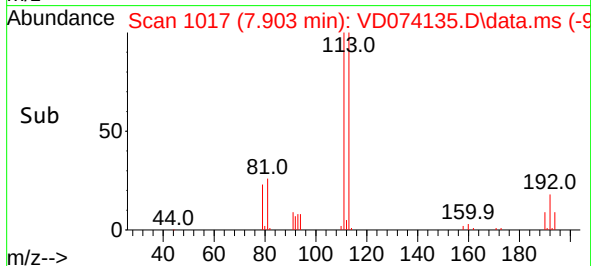
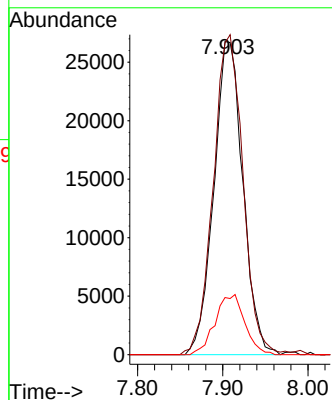
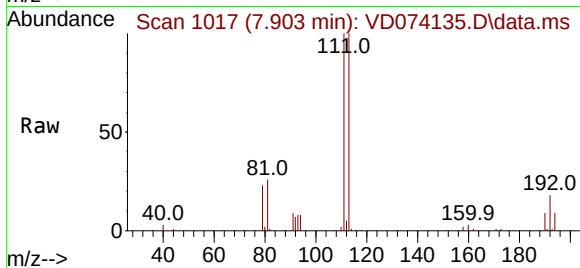
Tgt Ion:113 Resp: 63397

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 19.6 14.6 21.8



#50

Toluene-d8

Concen: 35.317 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074135.D

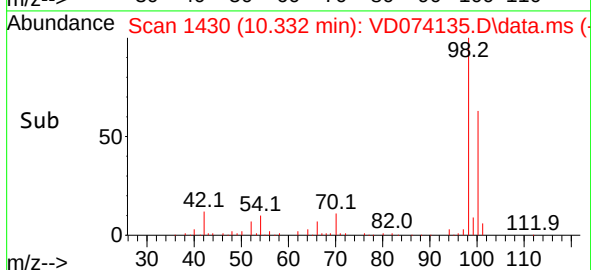
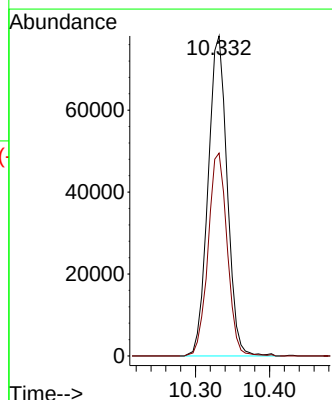
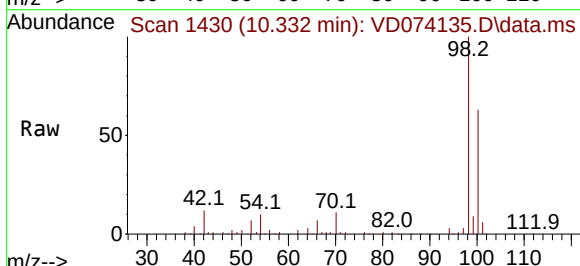
Acq: 17 Aug 2022 20:28

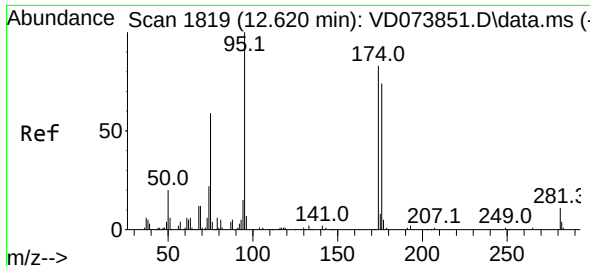
Tgt Ion: 98 Resp: 139795

Ion Ratio Lower Upper

98 100

100 63.4 52.4 78.6

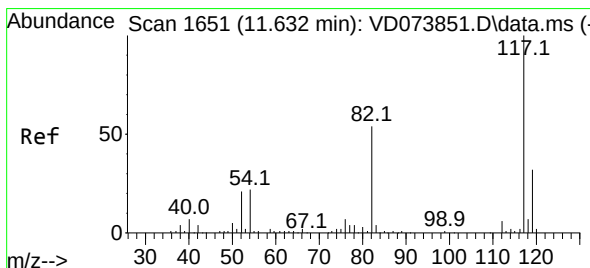
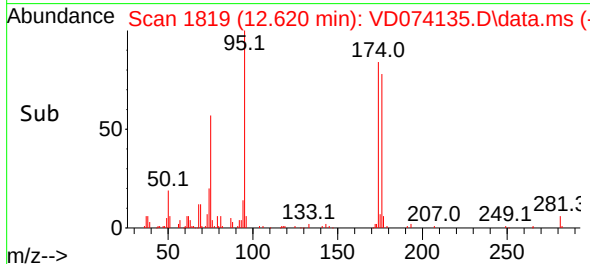
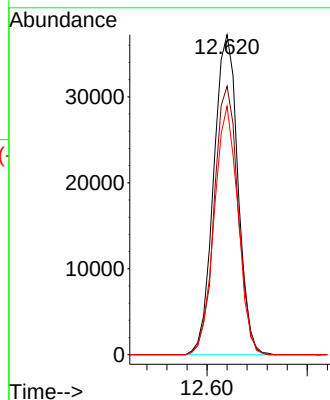
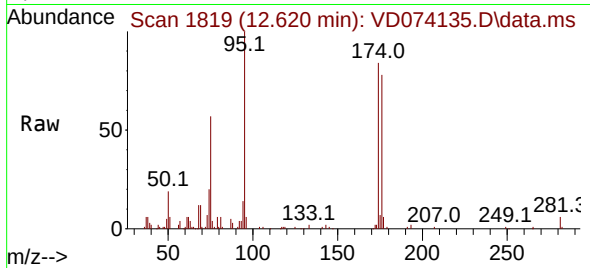




#62
4-Bromofluorobenzene
Concen: 38.047 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074135.D
Acq: 17 Aug 2022 20:28

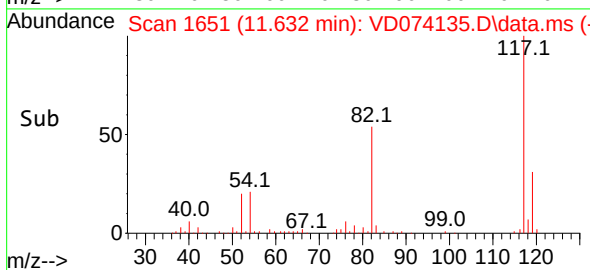
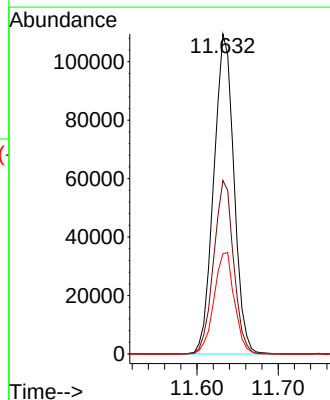
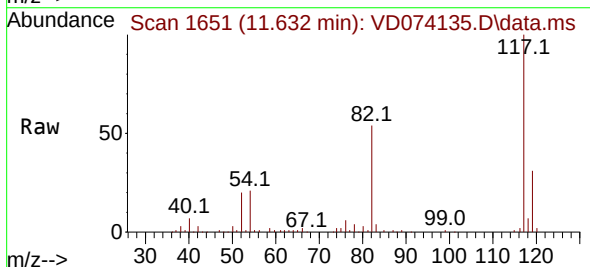
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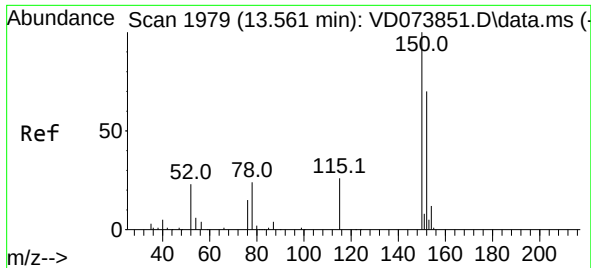
Tgt Ion:	95	Resp:	62190
Ion Ratio	Lower	Upper	
95	100		
174	83.4	0.0	152.8
176	76.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074135.D
Acq: 17 Aug 2022 20:28

Tgt Ion:	117	Resp:	189282
Ion Ratio	Lower	Upper	
117	100		
82	54.2	45.3	67.9
119	31.3	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD074135.D
 Acq: 17 Aug 2022 20:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.3	93.8
150	156.3	0.0	348.6

