

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074219.D
 Acq On : 24 Aug 2022 13:11
 Operator : VA/SY
 Sample : N4274-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1RE

Quant Time: Aug 24 13:36:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

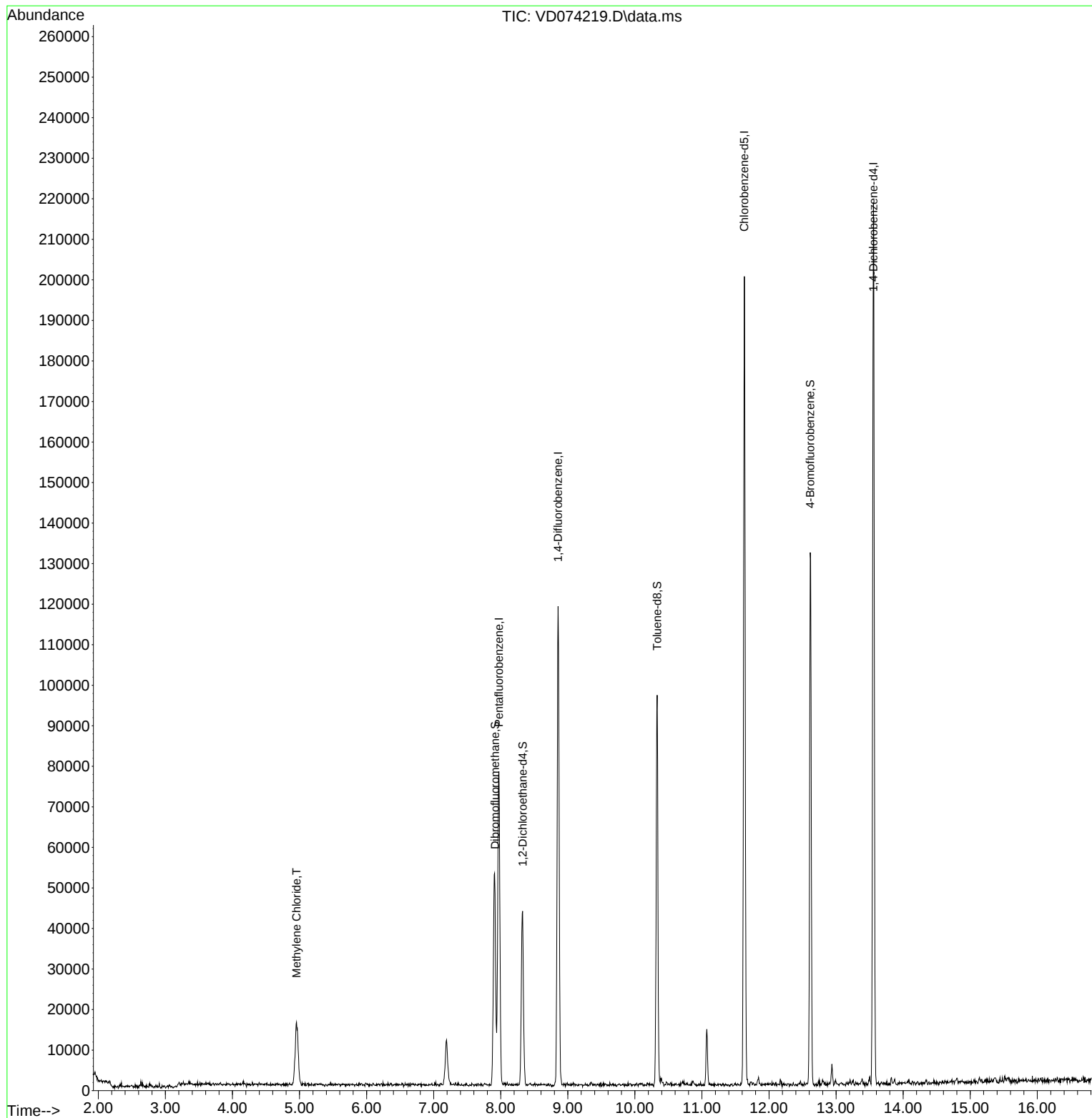
Internal Standards						
1) Pentafluorobenzene	7.973	168	56273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	101278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	114056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	59800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	34681	60.312	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.620%		
35) Dibromofluoromethane	7.914	113	38117	56.267	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.540%		
50) Toluene-d8	10.332	98	65864	30.209	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 60.420%		
62) 4-Bromofluorobenzene	12.614	95	44969	52.209	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.420%		
Target Compounds						Qvalue
20) Methylene Chloride	4.956	84	12823	14.183	ug/l	87

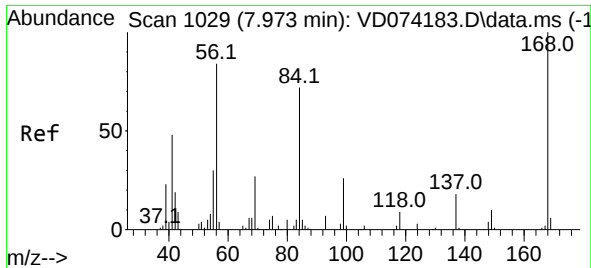
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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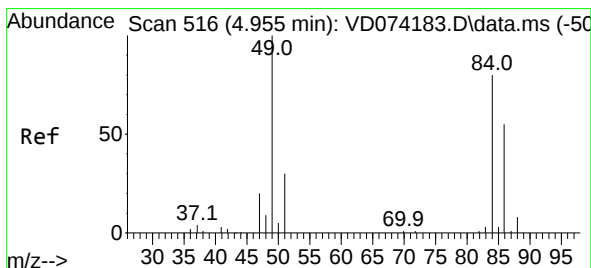
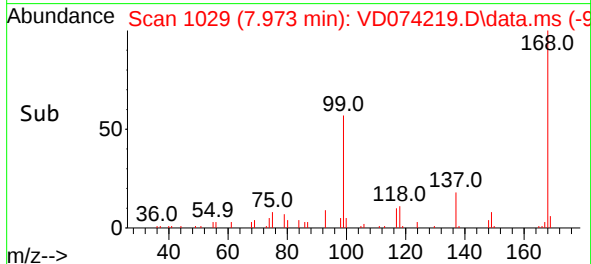
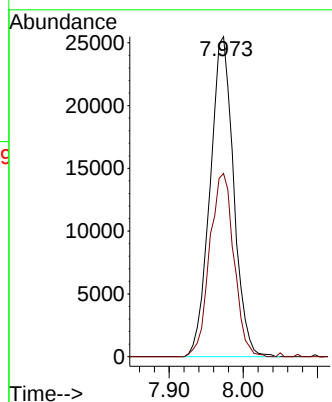
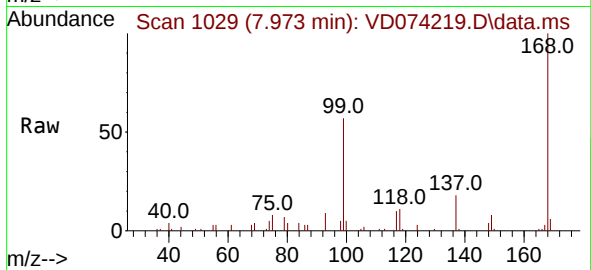




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074219.D
Acq: 24 Aug 2022 13:11

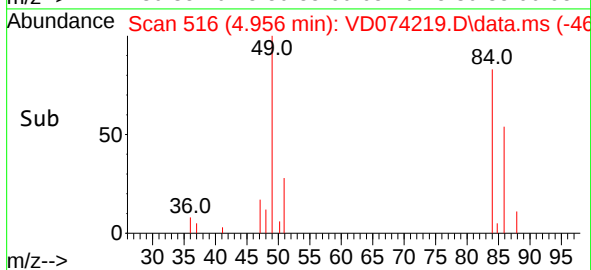
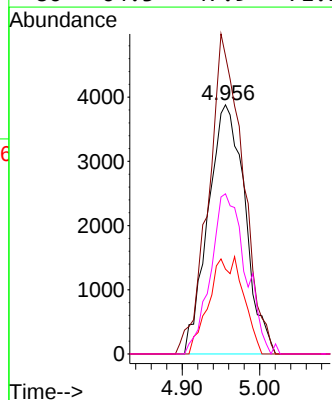
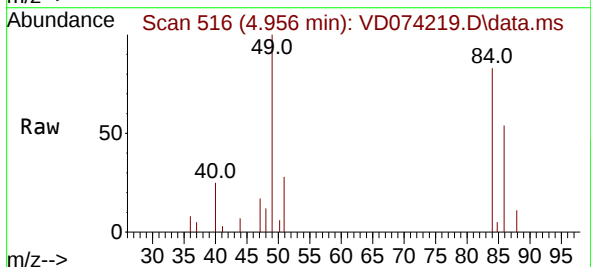
Instrument :
MSVOA_D
ClientSampleId :
CL-1RE

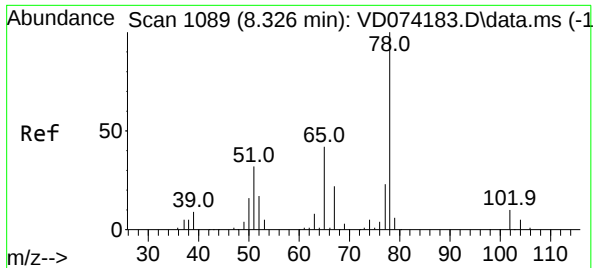
Tgt Ion:168 Resp: 56273
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#20
Methylene Chloride
Concen: 14.183 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074219.D
Acq: 24 Aug 2022 13:11

Tgt Ion: 84 Resp: 12823
Ion Ratio Lower Upper
84 100
49 119.8 112.8 169.2
51 34.1 32.6 48.8
86 64.3 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 60.312 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD074219.D

Acq: 24 Aug 2022 13:11

Instrument :

MSVOA_D

ClientSampleId :

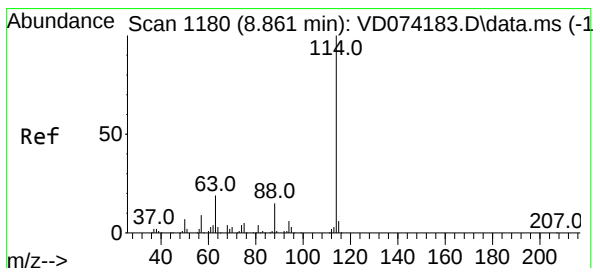
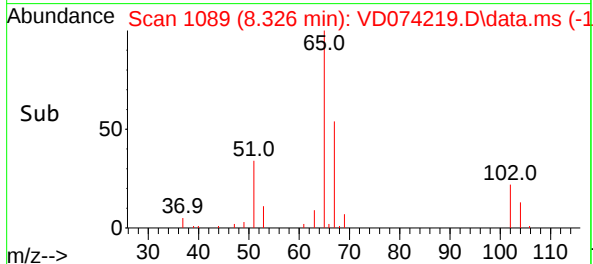
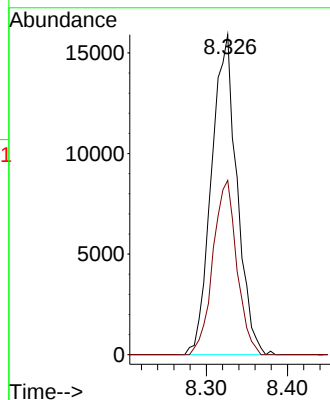
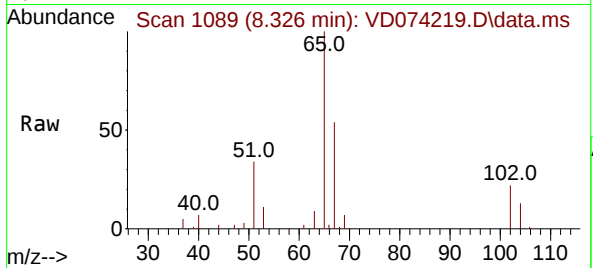
CL-1RE

Tgt Ion: 65 Resp: 34681

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074219.D

Acq: 24 Aug 2022 13:11

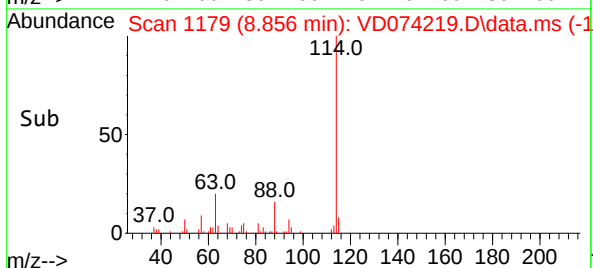
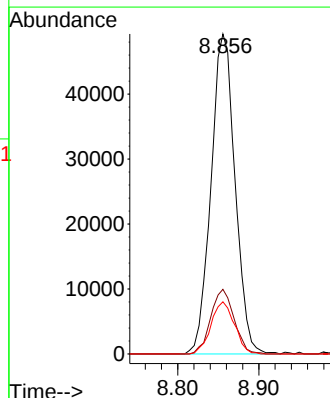
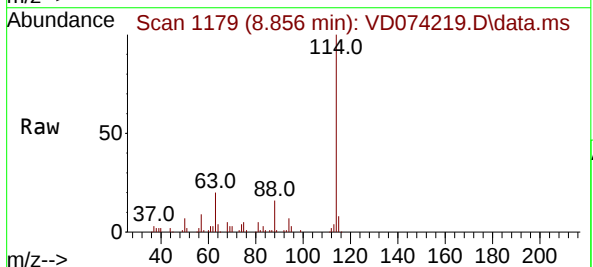
Tgt Ion: 114 Resp: 101278

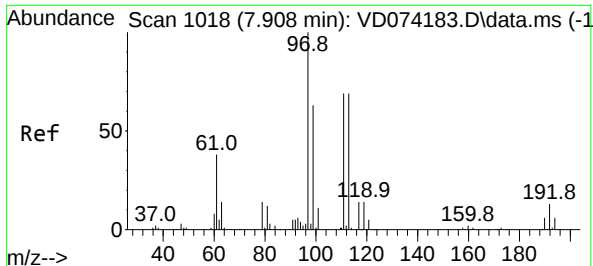
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.267 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD074219.D

Acq: 24 Aug 2022 13:11

Instrument :

MSVOA_D

ClientSampleId :

CL-1RE

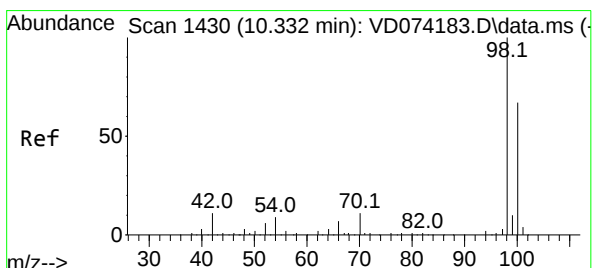
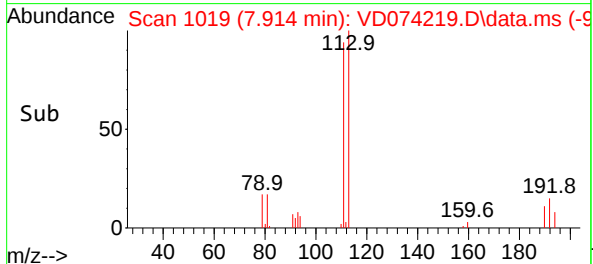
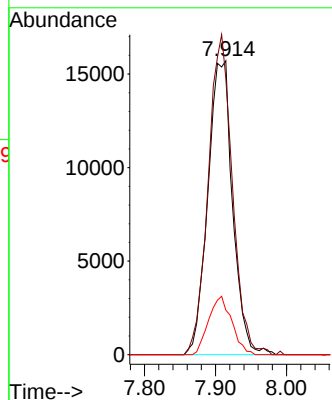
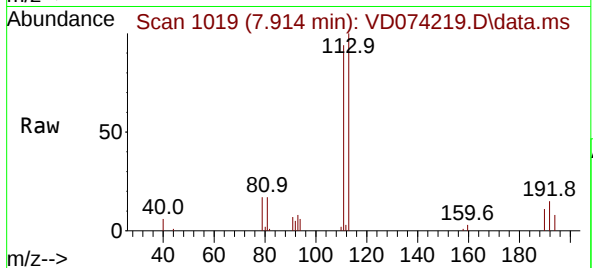
Tgt Ion:113 Resp: 38117

Ion Ratio Lower Upper

113 100

111 106.0 83.8 125.6

192 18.6 14.6 21.8



#50

Toluene-d8

Concen: 30.209 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074219.D

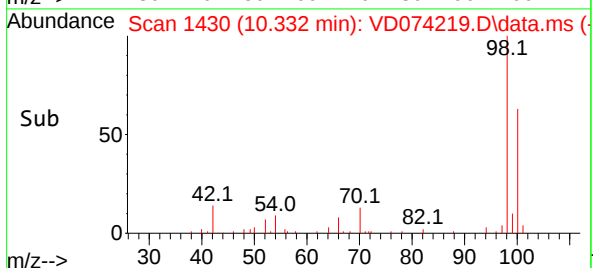
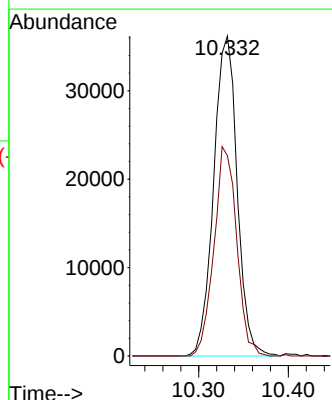
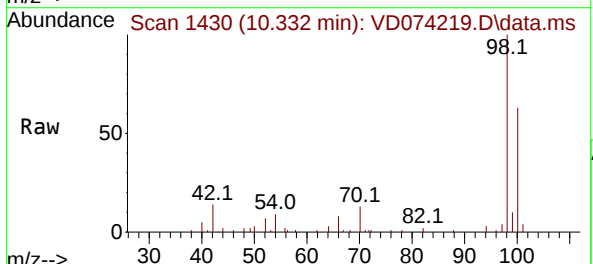
Acq: 24 Aug 2022 13:11

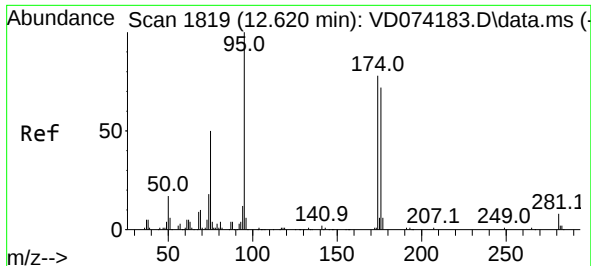
Tgt Ion: 98 Resp: 65864

Ion Ratio Lower Upper

98 100

100 63.2 52.4 78.6

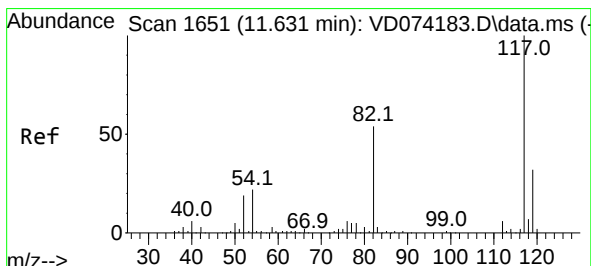
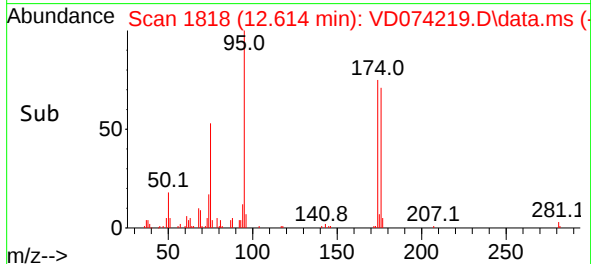
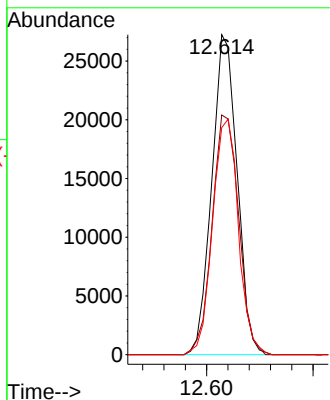
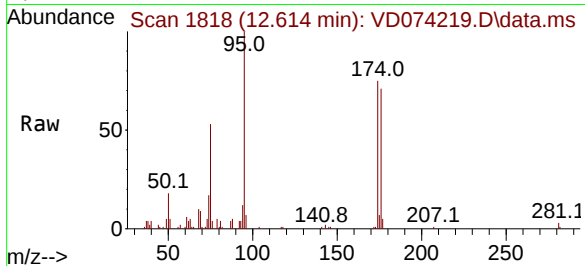




#62
4-Bromofluorobenzene
Concen: 52.209 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD074219.D
Acq: 24 Aug 2022 13:11

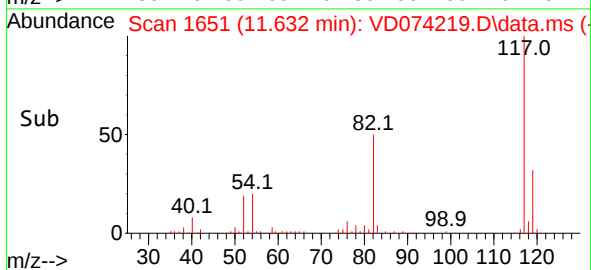
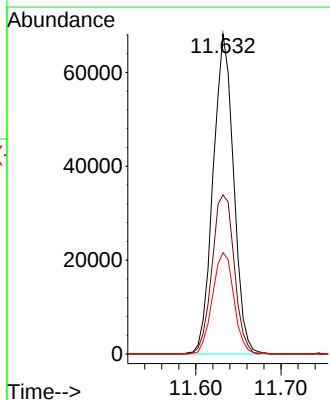
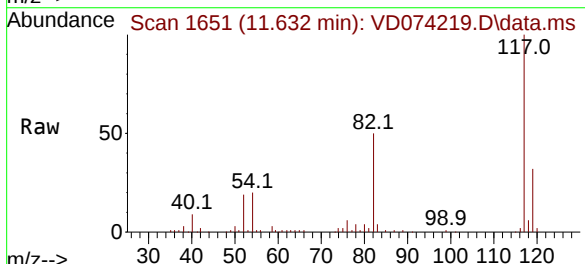
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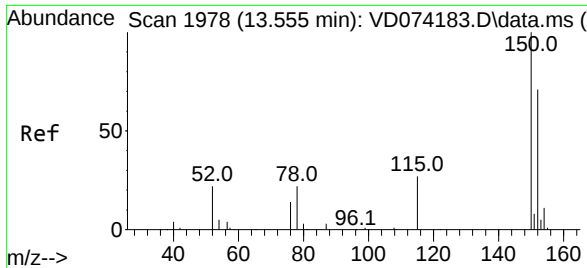
Tgt Ion:	95	Resp:	44969
Ion Ratio	Lower	Upper	
95	100		
174	78.3	0.0	152.8
176	75.0	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074219.D
Acq: 24 Aug 2022 13:11

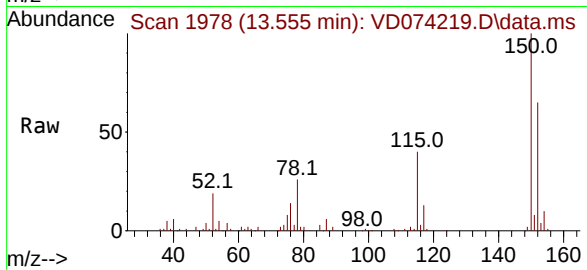
Tgt Ion:	117	Resp:	114056
Ion Ratio	Lower	Upper	
117	100		
82	49.7	45.3	67.9
119	31.6	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074219.D
 Acq: 24 Aug 2022 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1RE



Tgt Ion:	152	Resp:	59800
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.3	93.8
150	156.3	0.0	348.6

