

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072631.D
 Acq On : 19 Apr 2022 18:12
 Operator : VA/SY
 Sample : N2449-02
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 22L091-B

Quant Time: Apr 20 05:04:38 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)

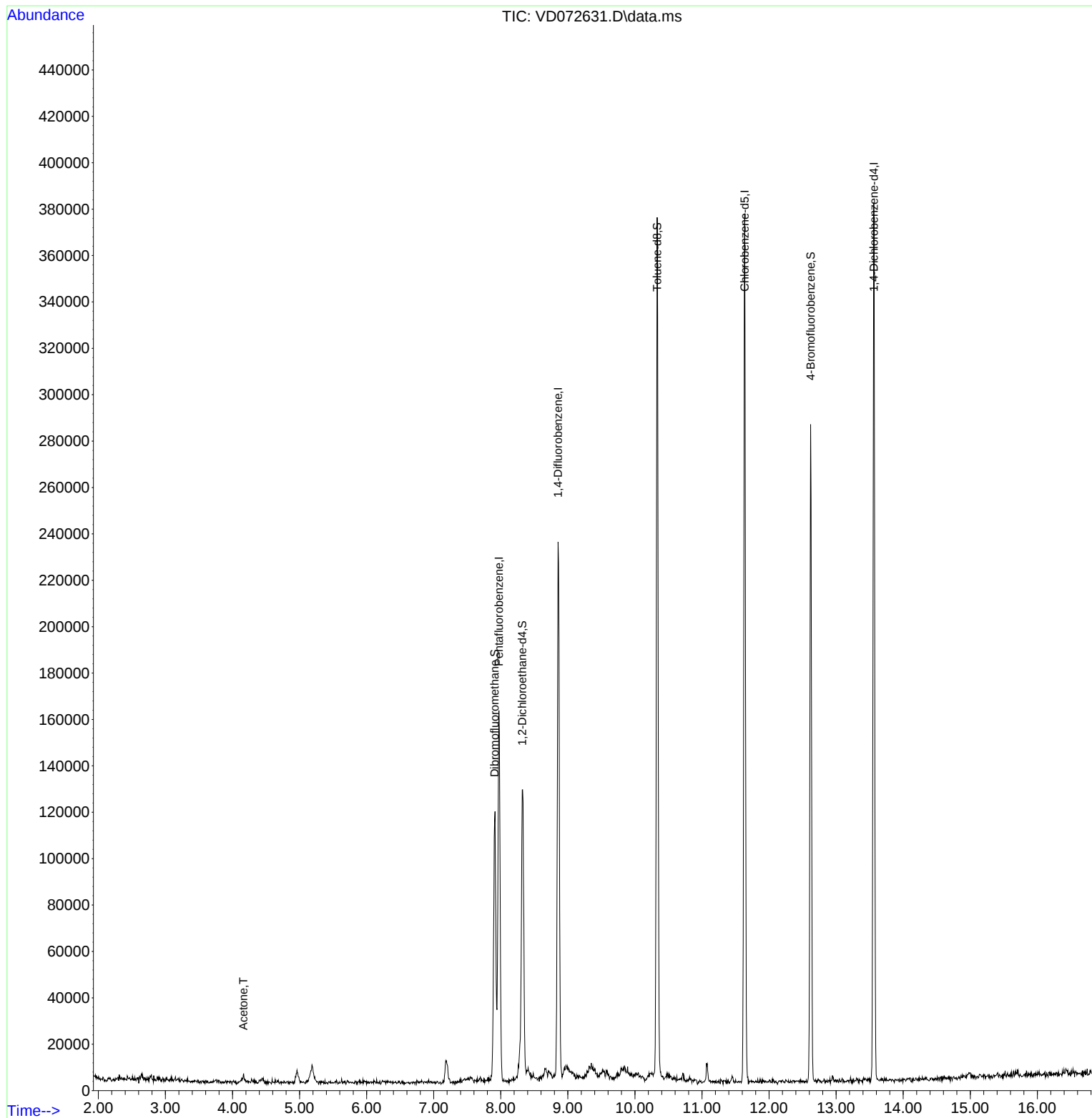
Internal Standards						
1) Pentafluorobenzene	7.973	168	115050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	205409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	219993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	103215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	103714	74.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.040%
35) Dibromofluoromethane	7.908	113	83657	52.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.820%
50) Toluene-d8	10.332	98	251167	45.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.620	95	92718	42.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.560%
Target Compounds						
16) Acetone	4.161	43	4894	18.858	ug/l	Qvalue # 81

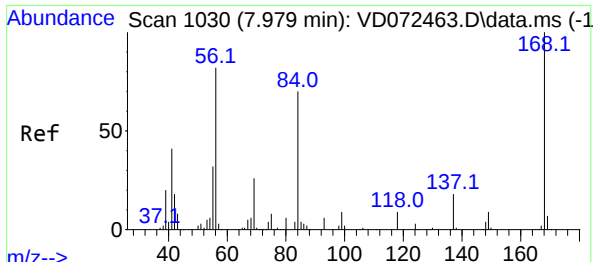
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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MSVOA_D

ClientSampleId :

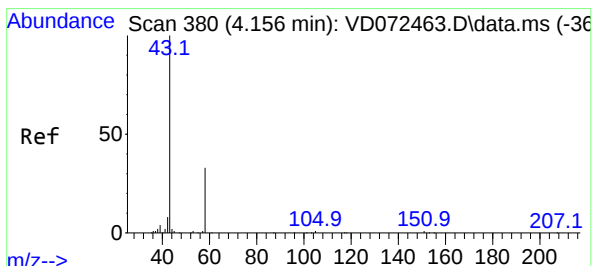
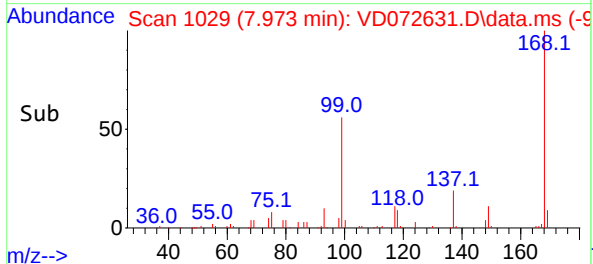
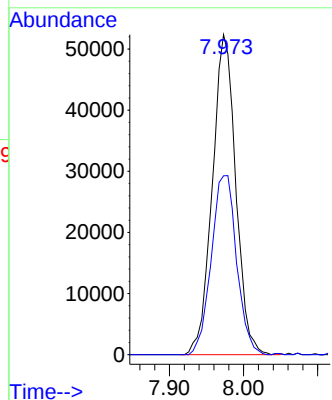
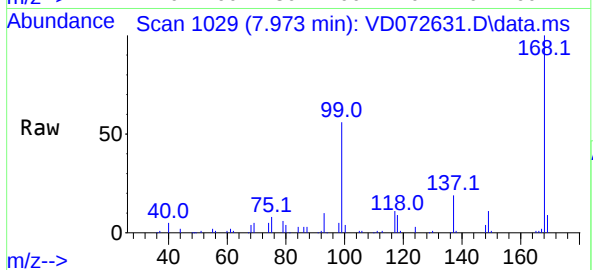
22L091-B

Tgt Ion:168 Resp: 115050

Ion Ratio Lower Upper

168 100

99 55.9 49.8 74.6



#16

Acetone

Concen: 18.858 ug/l

RT: 4.161 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD072631.D

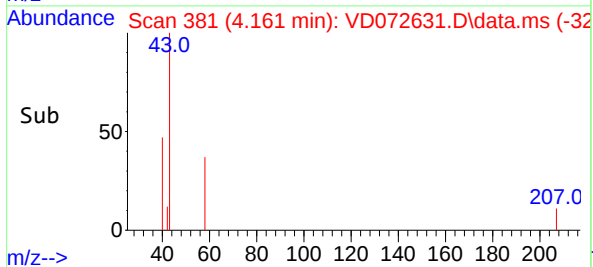
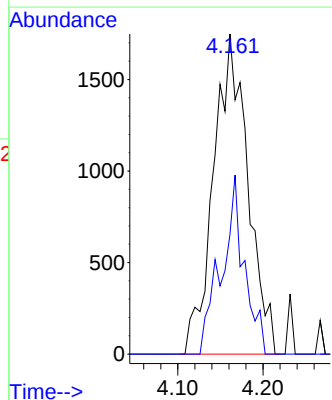
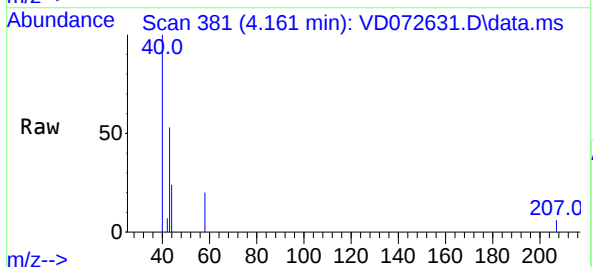
Acq: 19 Apr 2022 18:12

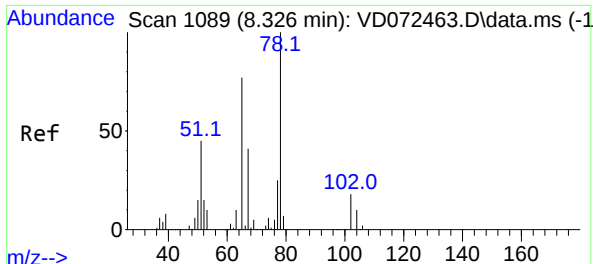
Tgt Ion: 43 Resp: 4894

Ion Ratio Lower Upper

43 100

58 37.4 22.1 33.1#

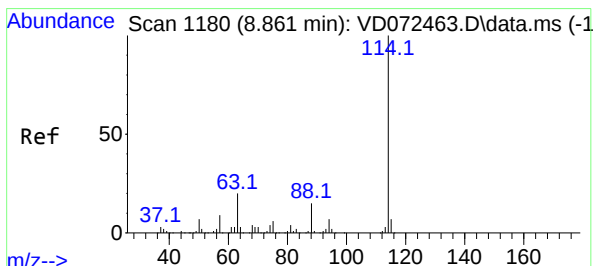
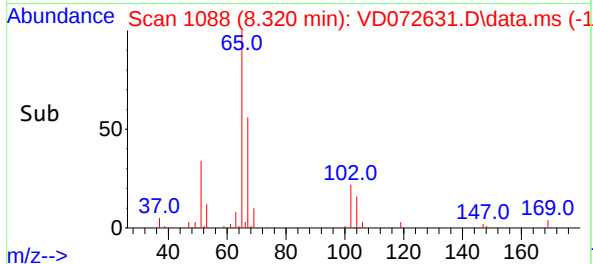
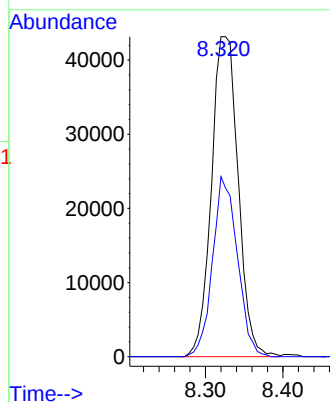
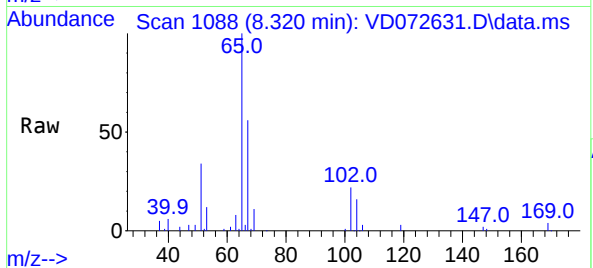




#33
1,2-Dichloroethane-d4
Concen: 74.520 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD072631.D
Acq: 19 Apr 2022 18:12

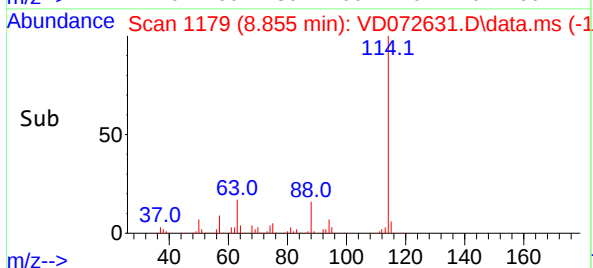
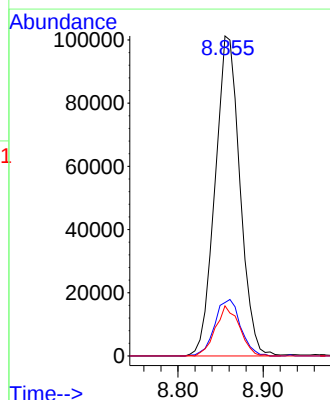
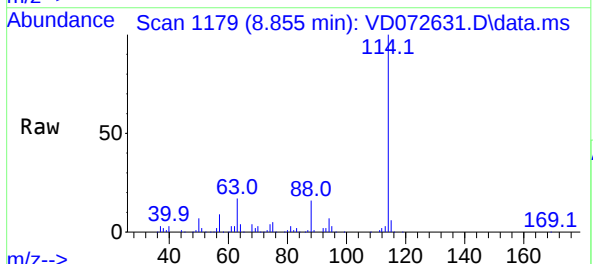
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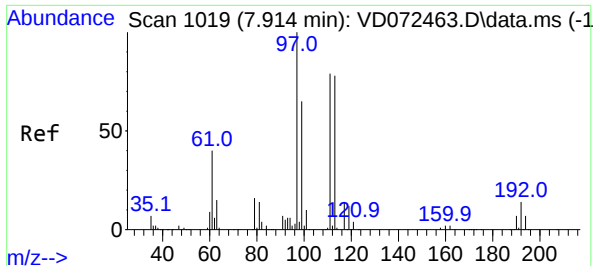
Tgt Ion: 65 Resp: 103714
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072631.D
Acq: 19 Apr 2022 18:12

Tgt Ion: 114 Resp: 205409
Ion Ratio Lower Upper
114 100
63 16.7 0.0 46.6
88 15.6 0.0 33.2

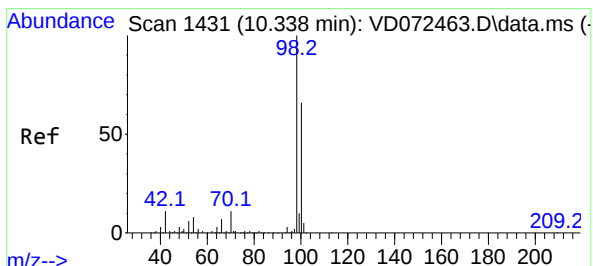
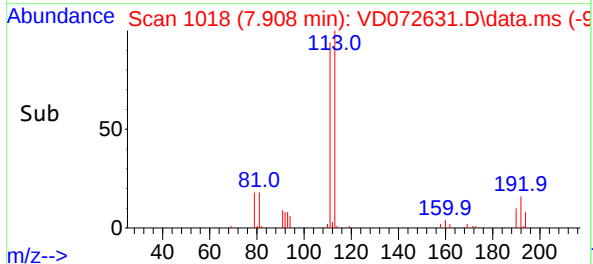
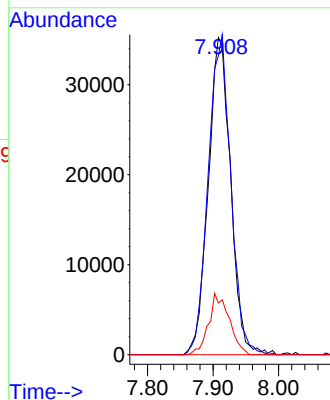
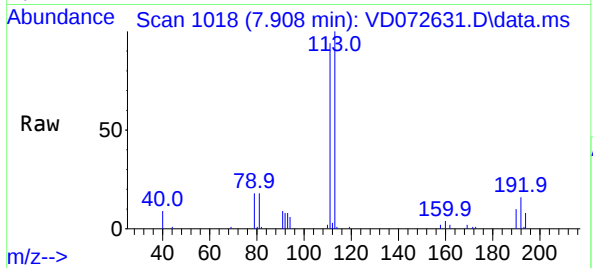




#35
Dibromofluoromethane
Concen: 52.406 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072631.D
Acq: 19 Apr 2022 18:12

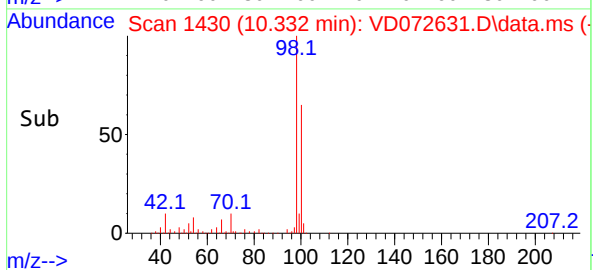
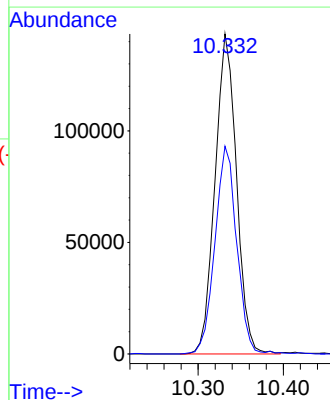
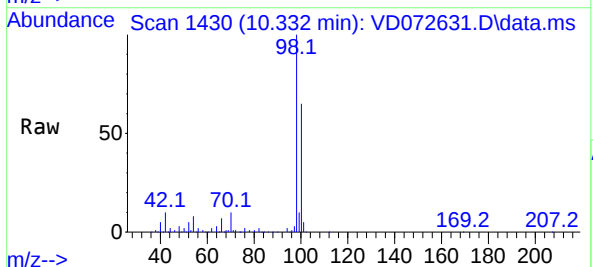
Instrument :
MSVOA_D
ClientSampleId :
22L091-B

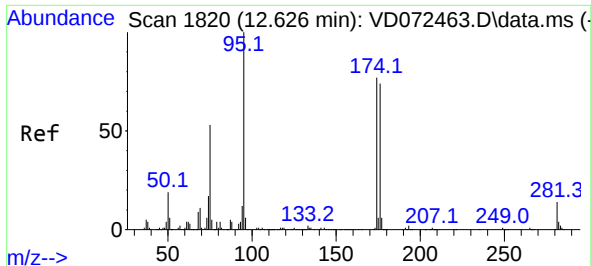
Tgt Ion:113 Resp: 83657
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.8 14.6 21.8



#50
Toluene-d8
Concen: 45.264 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072631.D
Acq: 19 Apr 2022 18:12

Tgt Ion: 98 Resp: 251167
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

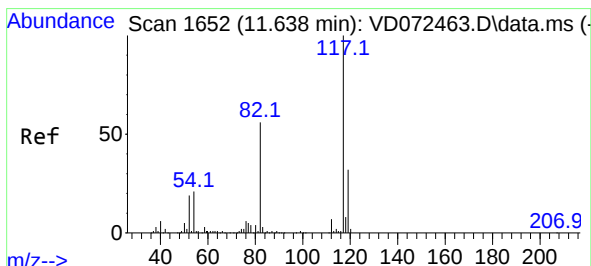
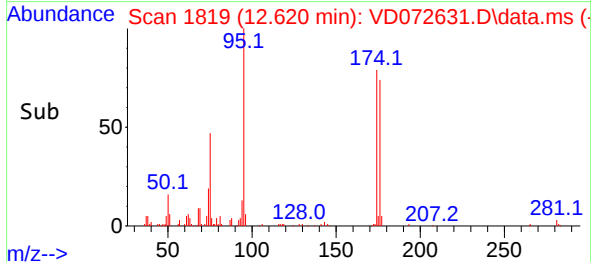
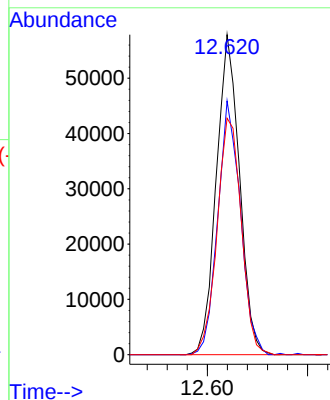
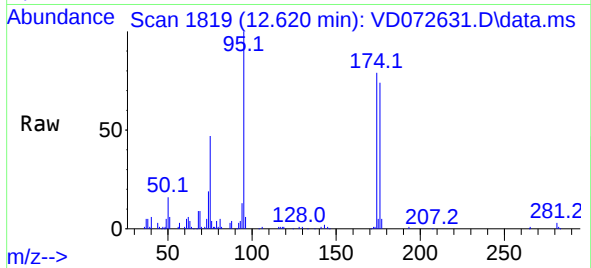




#62
4-Bromofluorobenzene
Concen: 42.785 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072631.D
Acq: 19 Apr 2022 18:12

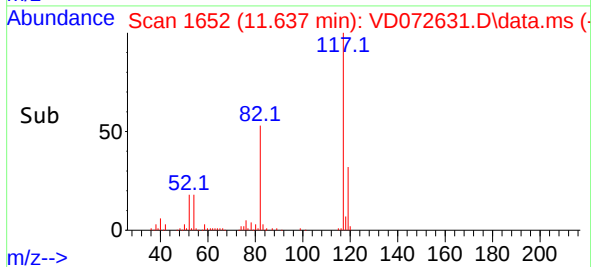
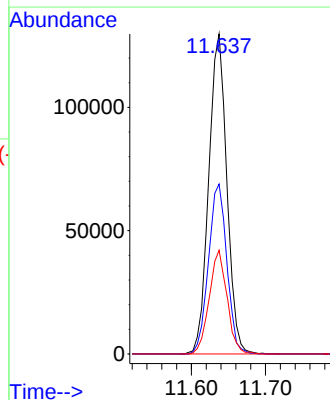
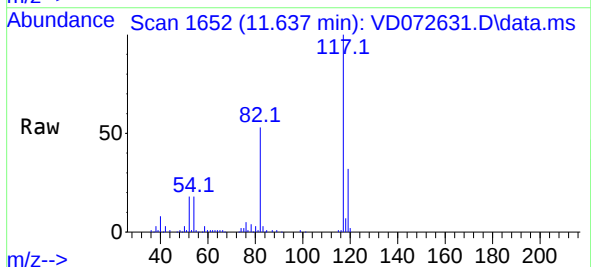
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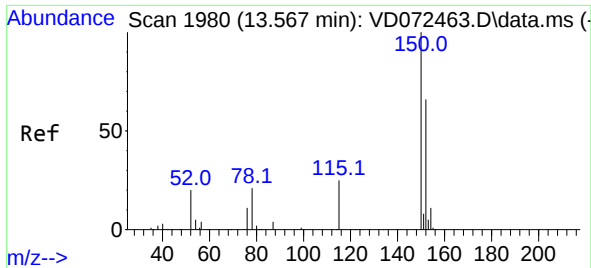
Tgt Ion: 95 Resp: 92718
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 76.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072631.D
Acq: 19 Apr 2022 18:12

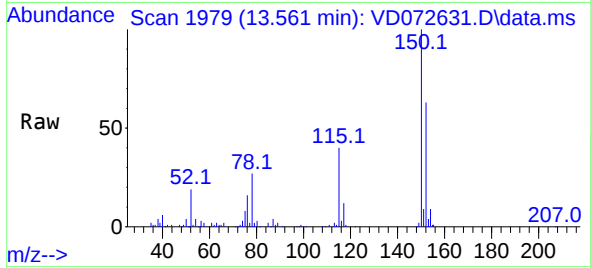
Tgt Ion: 117 Resp: 219993
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 32.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072631.D
 Acq: 19 Apr 2022 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 22L091-B



Tgt Ion:152 Resp: 103215

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	158.3	0.0	348.6

