

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072517.D
 Acq On : 04 Apr 2022 14:30
 Operator : VA/SY
 Sample : N2227-01
 Misc : 3.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124055

Quant Time: Apr 05 03:19:52 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)

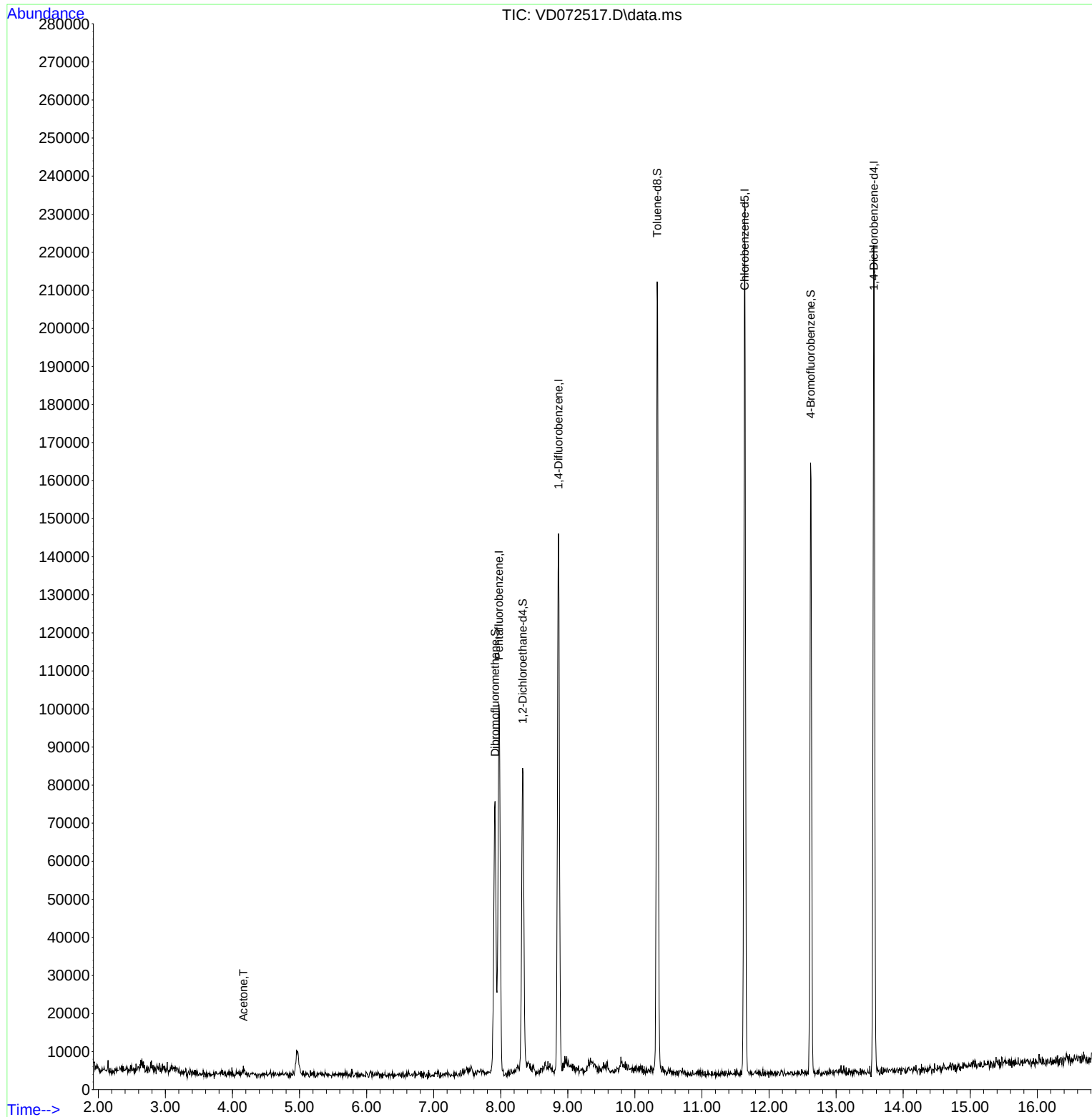
Internal Standards						
1) Pentafluorobenzene	7.973	168	70016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	122418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	129383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	59464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	62734	74.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.140%	
35) Dibromofluoromethane	7.914	113	51987	54.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.280%	
50) Toluene-d8	10.332	98	145253	43.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.840%	
62) 4-Bromofluorobenzene	12.620	95	52975	41.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.040%	
Target Compounds						
16) Acetone	4.162	43	2638	16.703	ug/l	Qvalue # 79

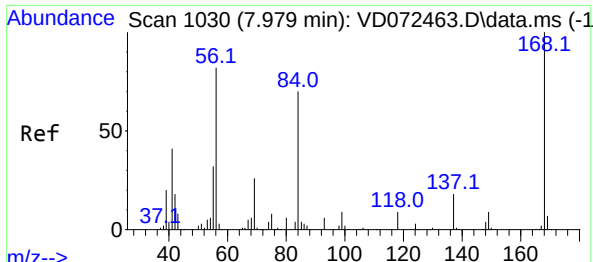
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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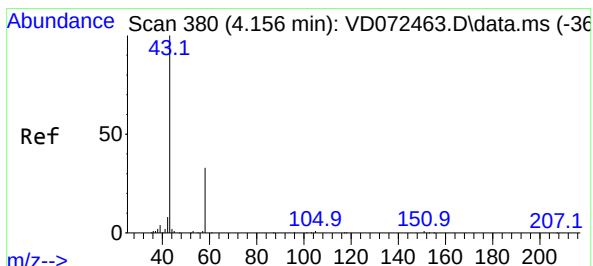
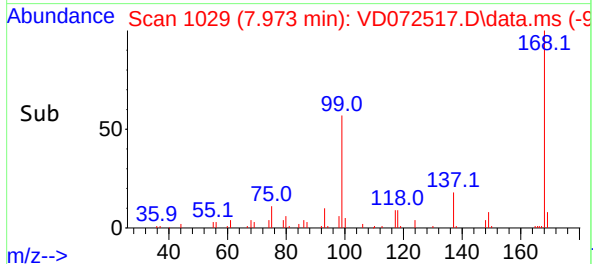
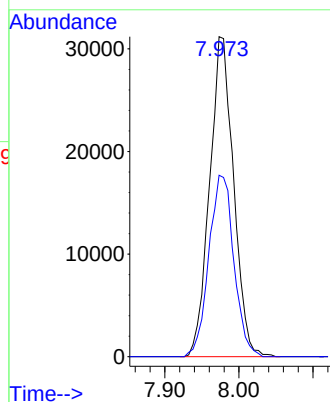
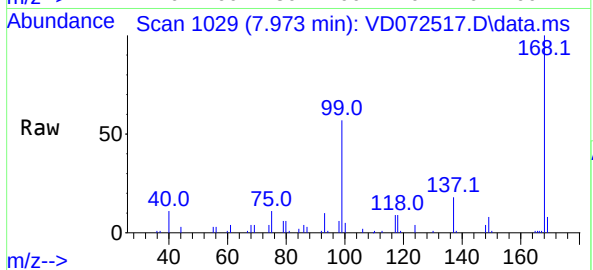




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072517.D
Acq: 04 Apr 2022 14:30

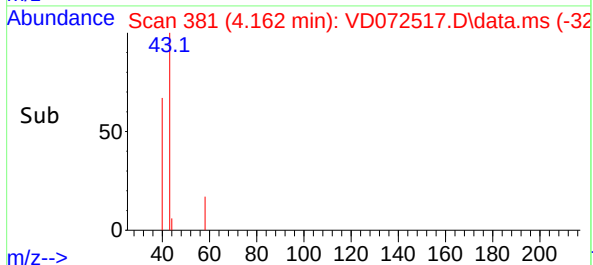
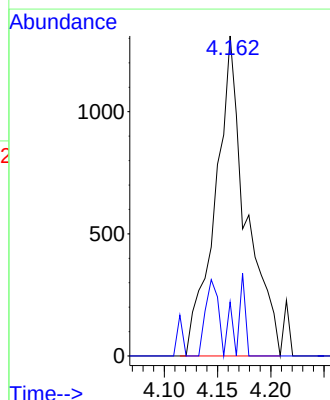
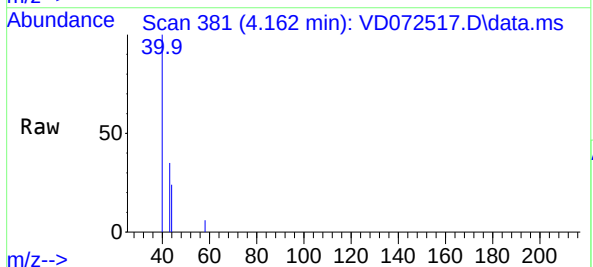
Instrument :
MSVOA_D
ClientSampleId :
124055

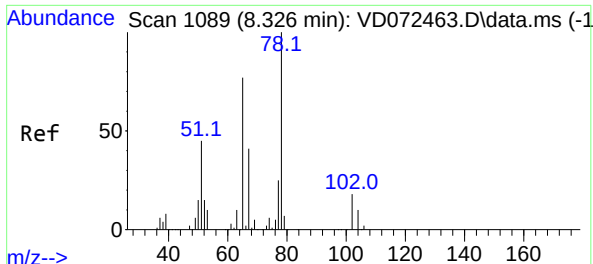
Tgt Ion:168 Resp: 70016
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#16
Acetone
Concen: 16.703 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072517.D
Acq: 04 Apr 2022 14:30

Tgt Ion: 43 Resp: 2638
Ion Ratio Lower Upper
43 100
58 16.9 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 74.068 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072517.D

Acq: 04 Apr 2022 14:30

Instrument :

MSVOA_D

ClientSampleId :

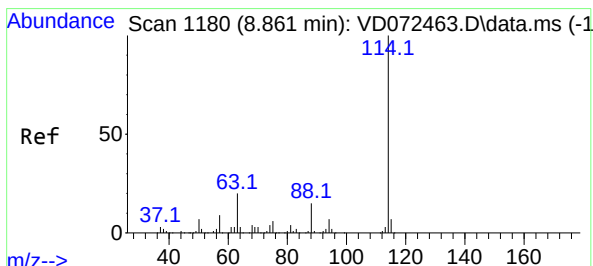
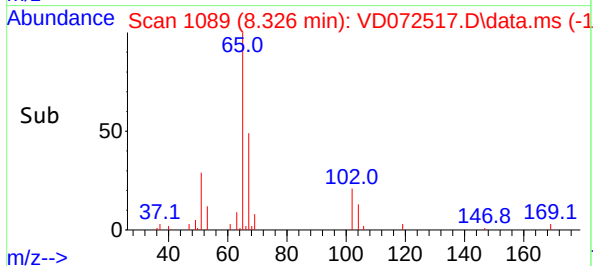
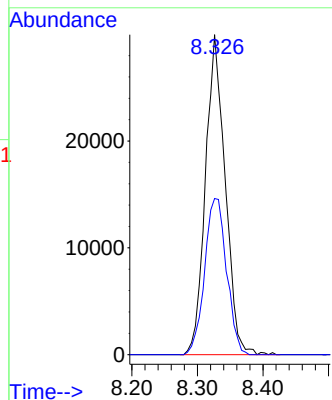
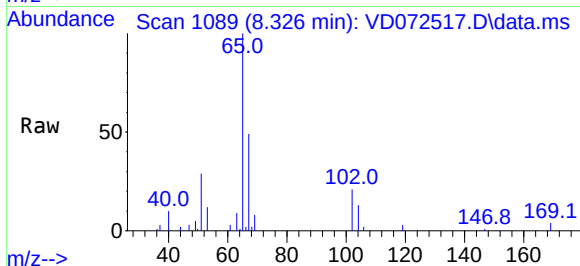
124055

Tgt Ion: 65 Resp: 62734

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072517.D

Acq: 04 Apr 2022 14:30

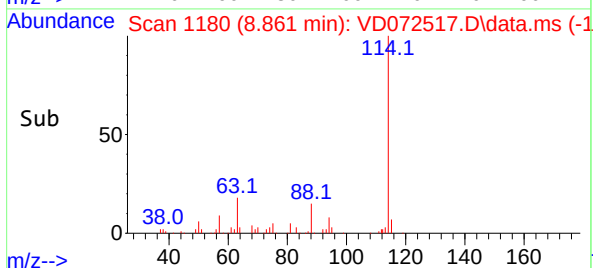
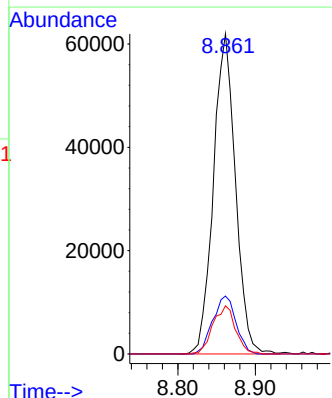
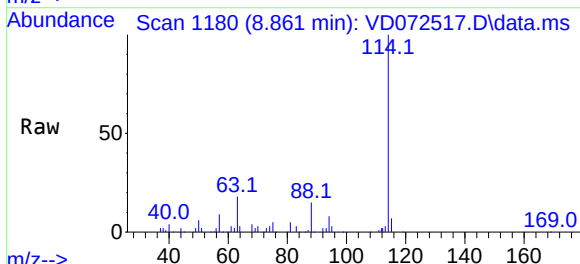
Tgt Ion: 114 Resp: 122418

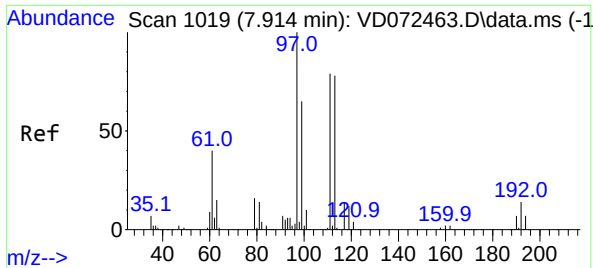
Ion Ratio Lower Upper

114 100

63 18.1 0.0 46.6

88 15.1 0.0 33.2

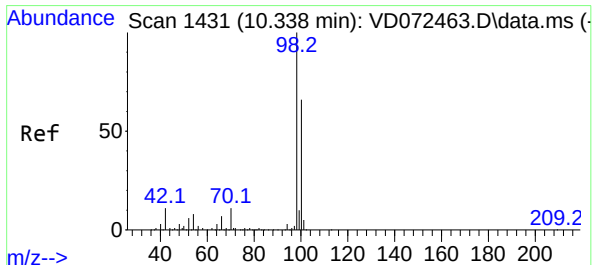
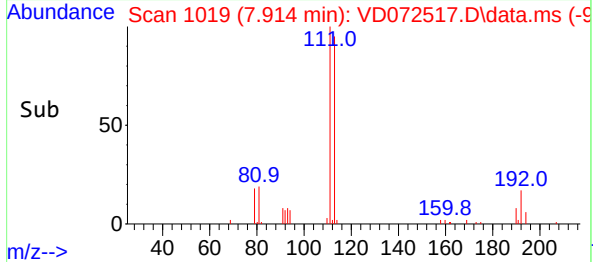
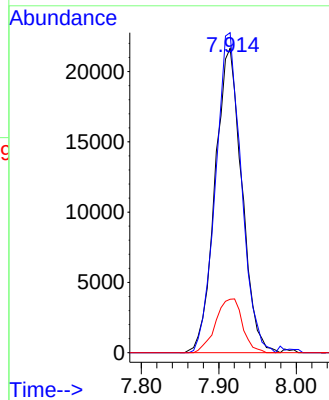
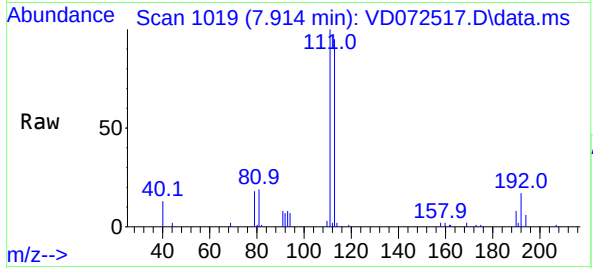




#35
Dibromofluoromethane
Concen: 54.645 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072517.D
Acq: 04 Apr 2022 14:30

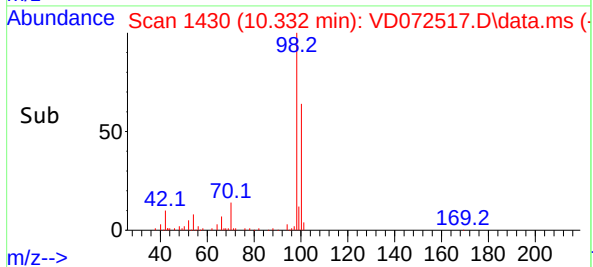
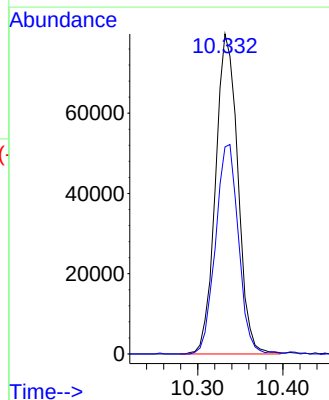
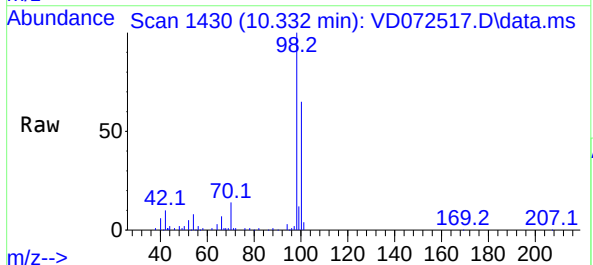
Instrument :
MSVOA_D
ClientSampleId :
124055

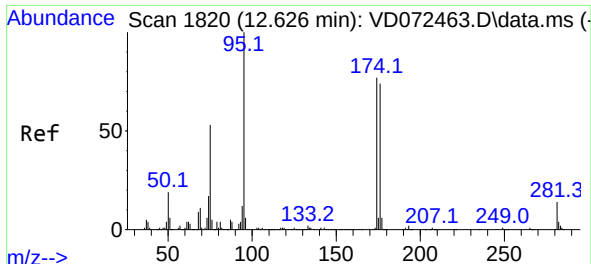
Tgt Ion:113 Resp: 51987
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 17.6 14.6 21.8



#50
Toluene-d8
Concen: 43.923 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072517.D
Acq: 04 Apr 2022 14:30

Tgt Ion: 98 Resp: 145253
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6

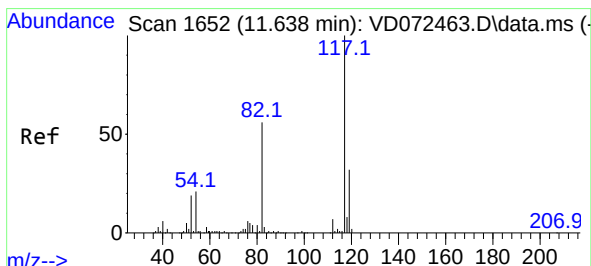
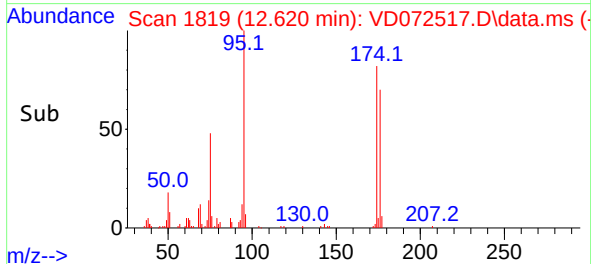
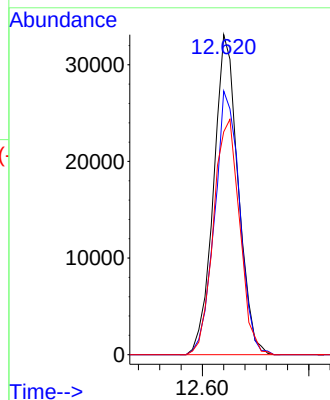
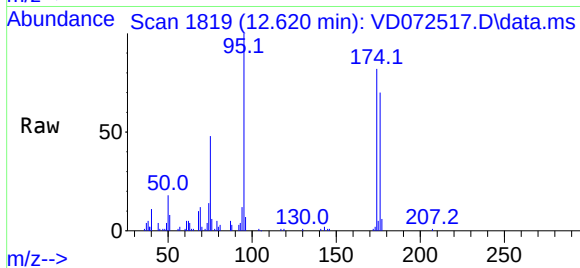




#62
4-Bromofluorobenzene
Concen: 41.017 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072517.D
Acq: 04 Apr 2022 14:30

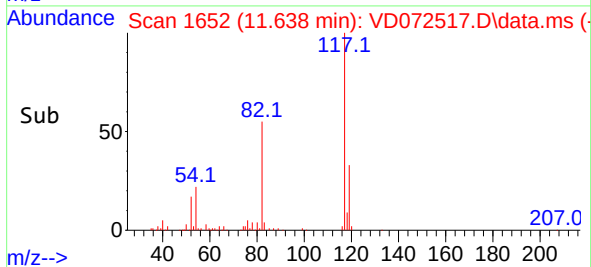
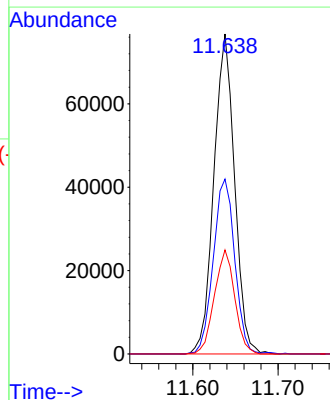
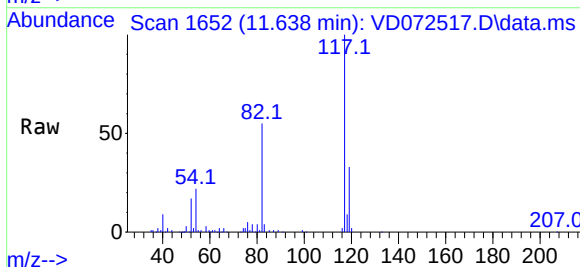
Instrument :
MSVOA_D
ClientSampleId :
124055

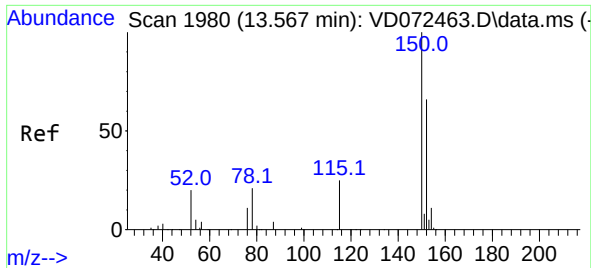
Tgt Ion:	95	Resp:	52975
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	152.8
176	78.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072517.D
Acq: 04 Apr 2022 14:30

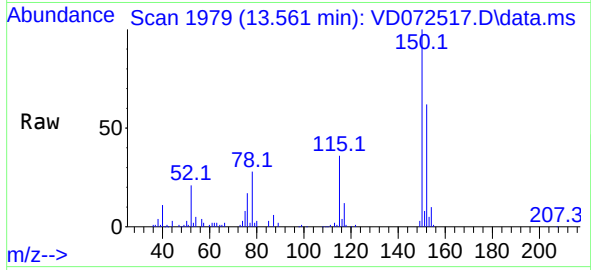
Tgt Ion:	117	Resp:	129383
Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.3	67.9
119	32.5	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072517.D
 Acq: 04 Apr 2022 14:30

Instrument :
 MSVOA_D
 ClientSampleId :
 124055



Tgt Ion:	152	Resp:	59464
Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.3	93.8
150	154.9	0.0	348.6

