

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072644.D
 Acq On : 20 Apr 2022 13:46
 Operator : VA/SY
 Sample : N2442-05
 Misc : 3.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042

Quant Time: Apr 20 14:49:43 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)

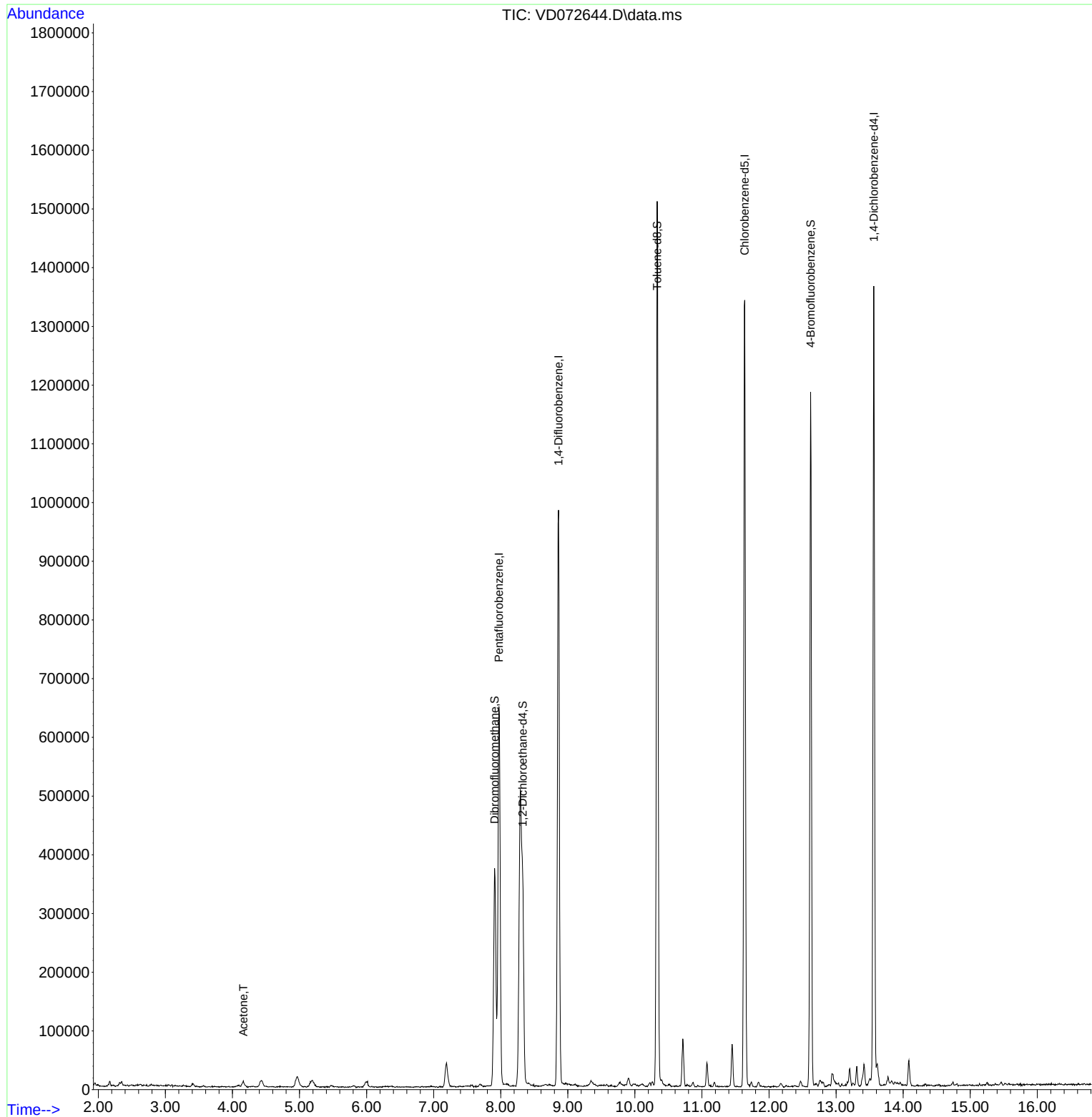
Internal Standards						
1) Pentafluorobenzene	7.973	168	479127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	868714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	802948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	360917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255629	44.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.200%
35) Dibromofluoromethane	7.908	113	266947	39.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.080%
50) Toluene-d8	10.332	98	1019860	43.459	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.920%
62) 4-Bromofluorobenzene	12.620	95	356544	38.903	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.800%
Target Compounds						
16) Acetone	4.162	43	15887	14.700	ug/l	Qvalue 98

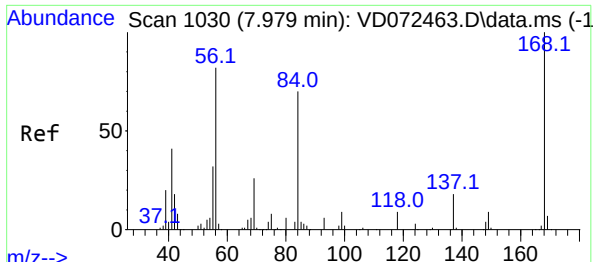
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072644.D

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Instrument :

MSVOA_D

ClientSampleId :

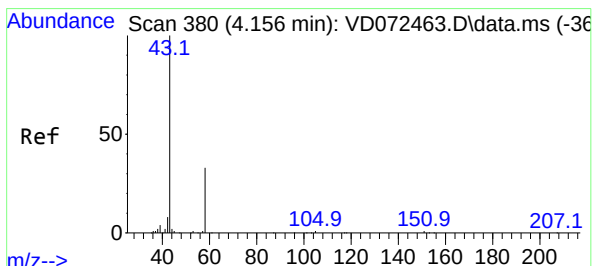
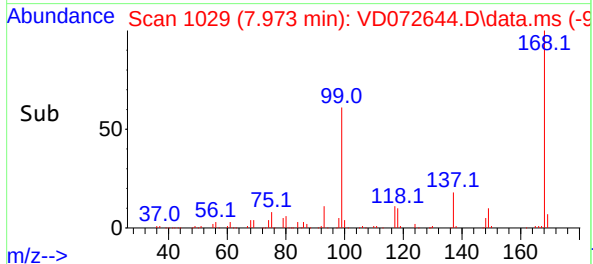
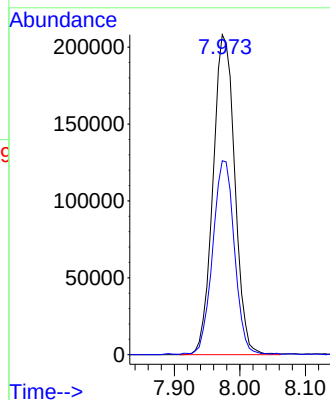
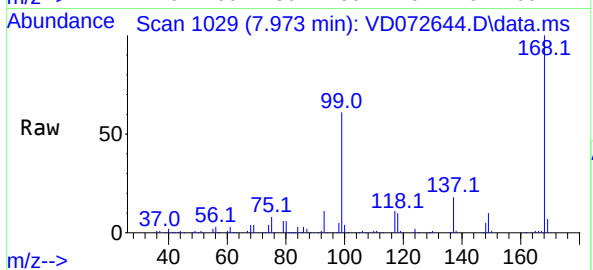
124042

Tgt Ion:168 Resp: 479127

Ion Ratio Lower Upper

168 100

99 60.4 49.8 74.6



#16

Acetone

Concen: 14.700 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD072644.D

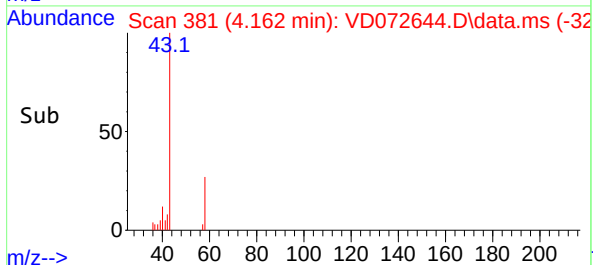
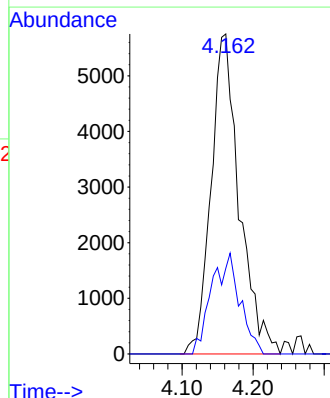
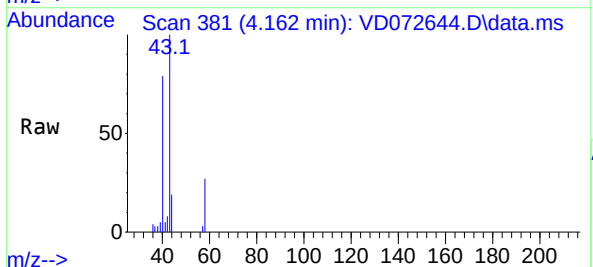
Acq: 20 Apr 2022 13:46

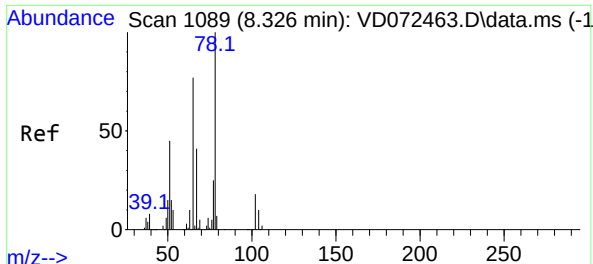
Tgt Ion: 43 Resp: 15887

Ion Ratio Lower Upper

43 100

58 26.8 22.1 33.1

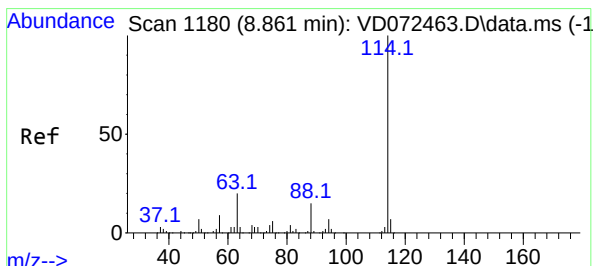
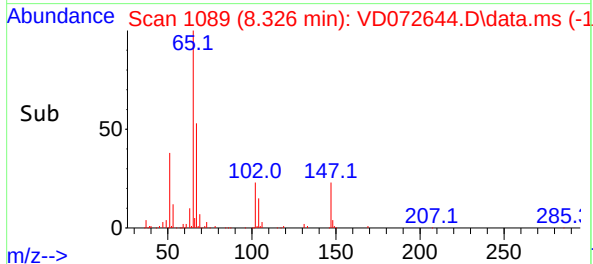
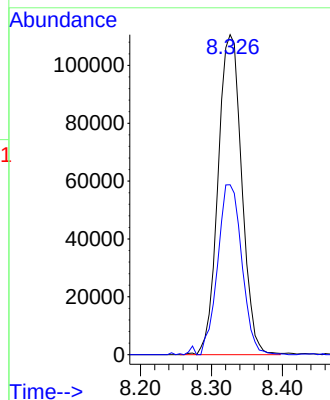
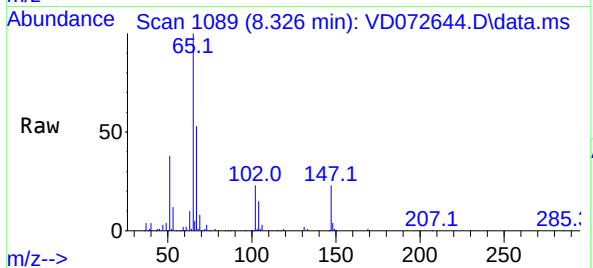




#33
1,2-Dichloroethane-d4
Concen: 44.105 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072644.D
Acq: 20 Apr 2022 13:46

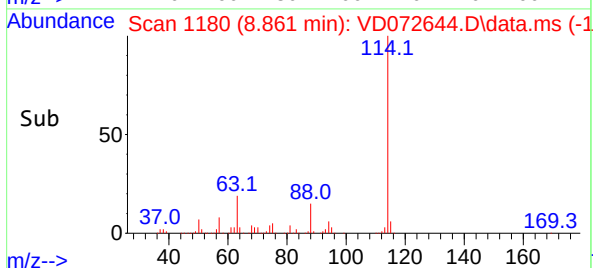
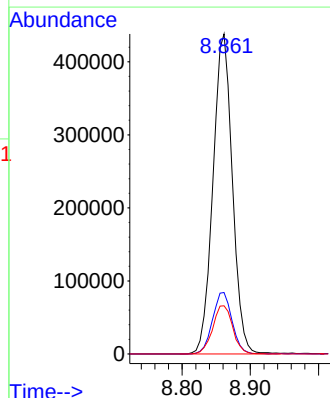
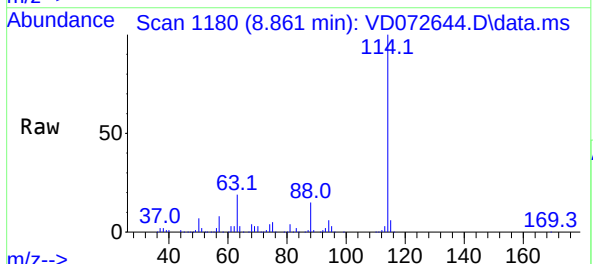
Instrument :
MSVOA_D
ClientSampleId :
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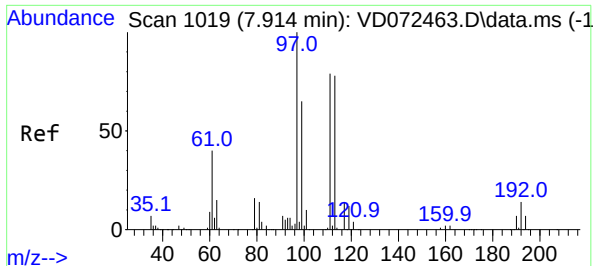
Tgt Ion: 65 Resp: 255629
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072644.D
Acq: 20 Apr 2022 13:46

Tgt Ion: 114 Resp: 868714
Ion Ratio Lower Upper
114 100
63 19.2 0.0 46.6
88 15.1 0.0 33.2

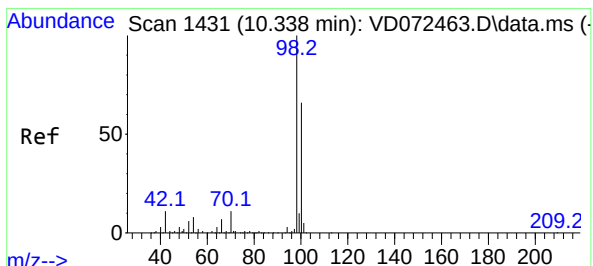
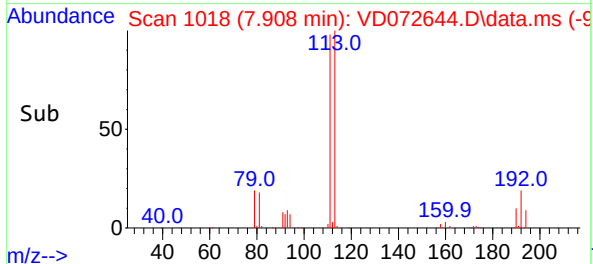
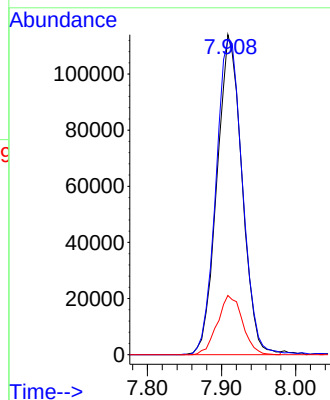
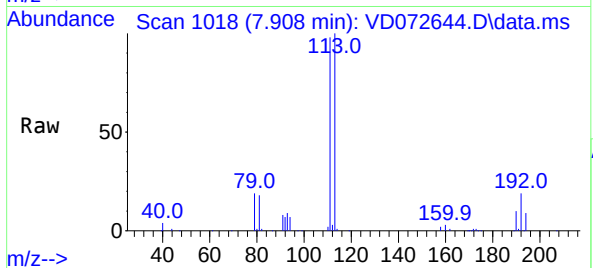




#35
Dibromofluoromethane
Concen: 39.541 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072644.D
Acq: 20 Apr 2022 13:46

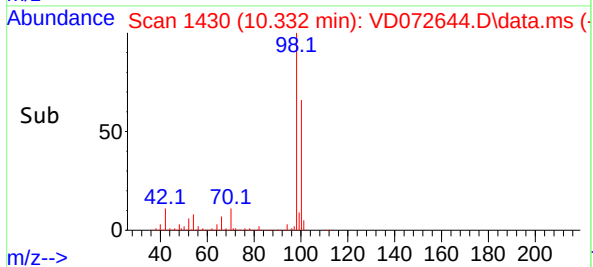
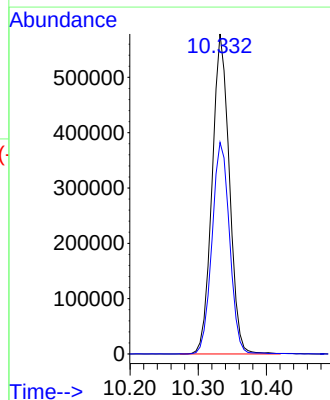
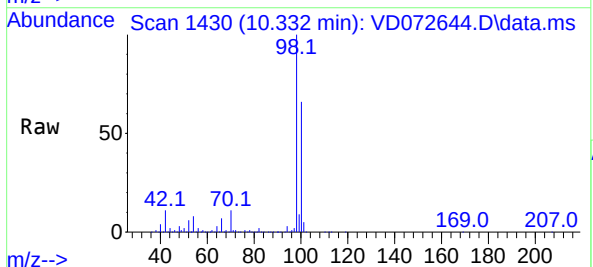
Instrument :
MSVOA_D
ClientSampleId :
124042

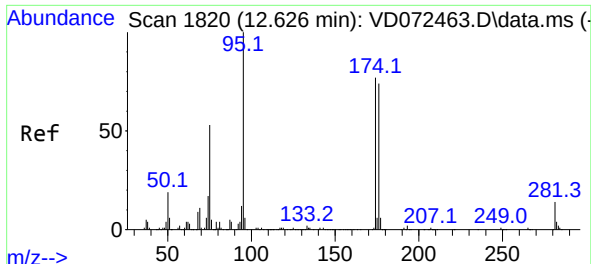
Tgt Ion:113 Resp: 266947
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 43.459 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072644.D
Acq: 20 Apr 2022 13:46

Tgt Ion: 98 Resp: 1019860
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6

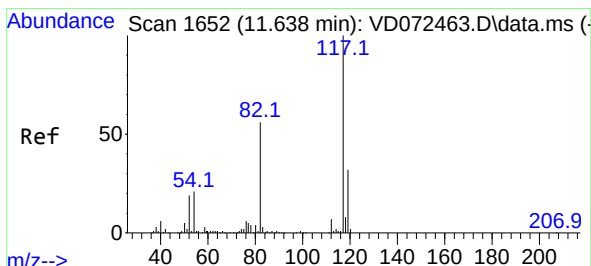
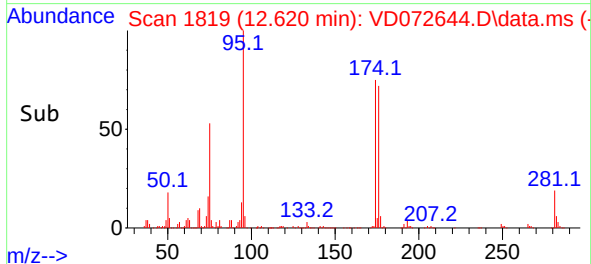
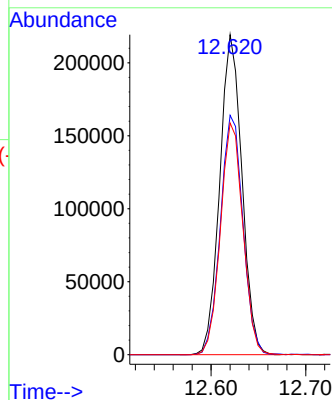
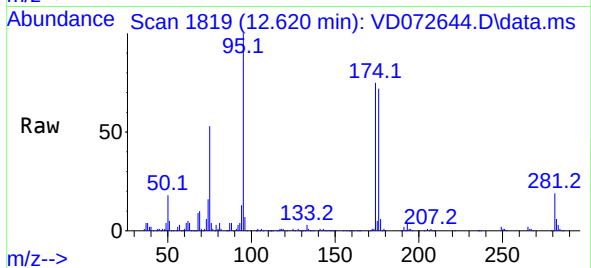




#62
4-Bromofluorobenzene
Concen: 38.903 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072644.D
Acq: 20 Apr 2022 13:46

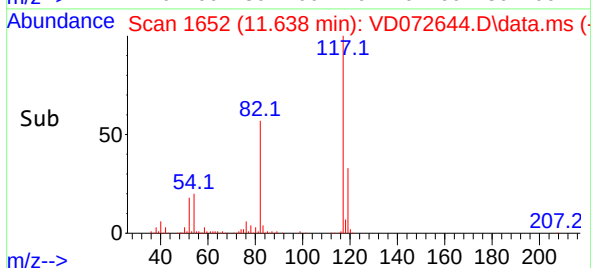
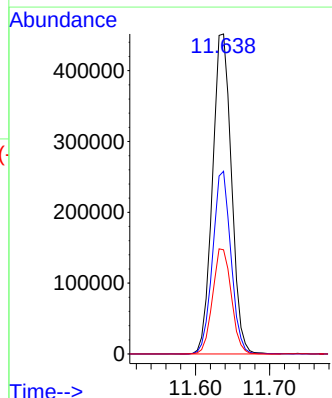
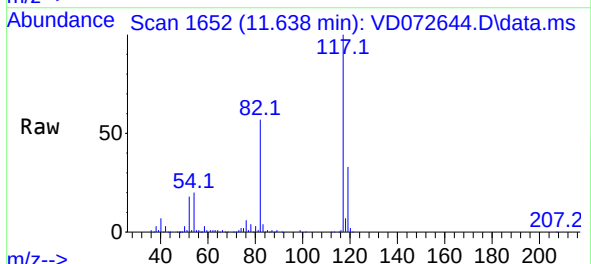
Instrument :
MSVOA_D
ClientSampleId :
124042

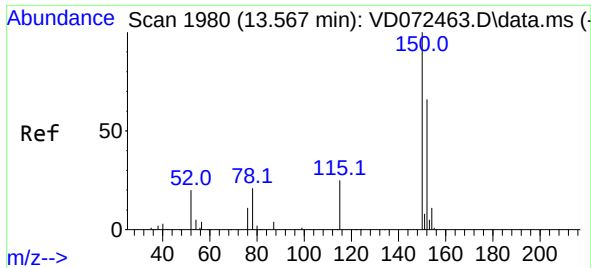
Tgt Ion: 95 Resp: 356544
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072644.D
Acq: 20 Apr 2022 13:46

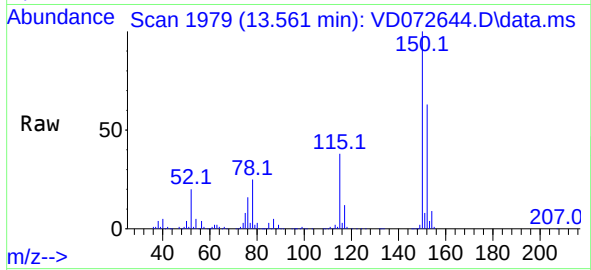
Tgt Ion: 117 Resp: 802948
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 32.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072644.D
 Acq: 20 Apr 2022 13:46

Instrument :
 MSVOA_D
 ClientSampleId :
 124042



Tgt Ion:152 Resp: 360917

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.3	93.8
150	154.1	0.0	348.6

