

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072667.D
 Acq On : 21 Apr 2022 13:28
 Operator : VA/SY
 Sample : N2467-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KR-1

Quant Time: Apr 21 14:54:29 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)

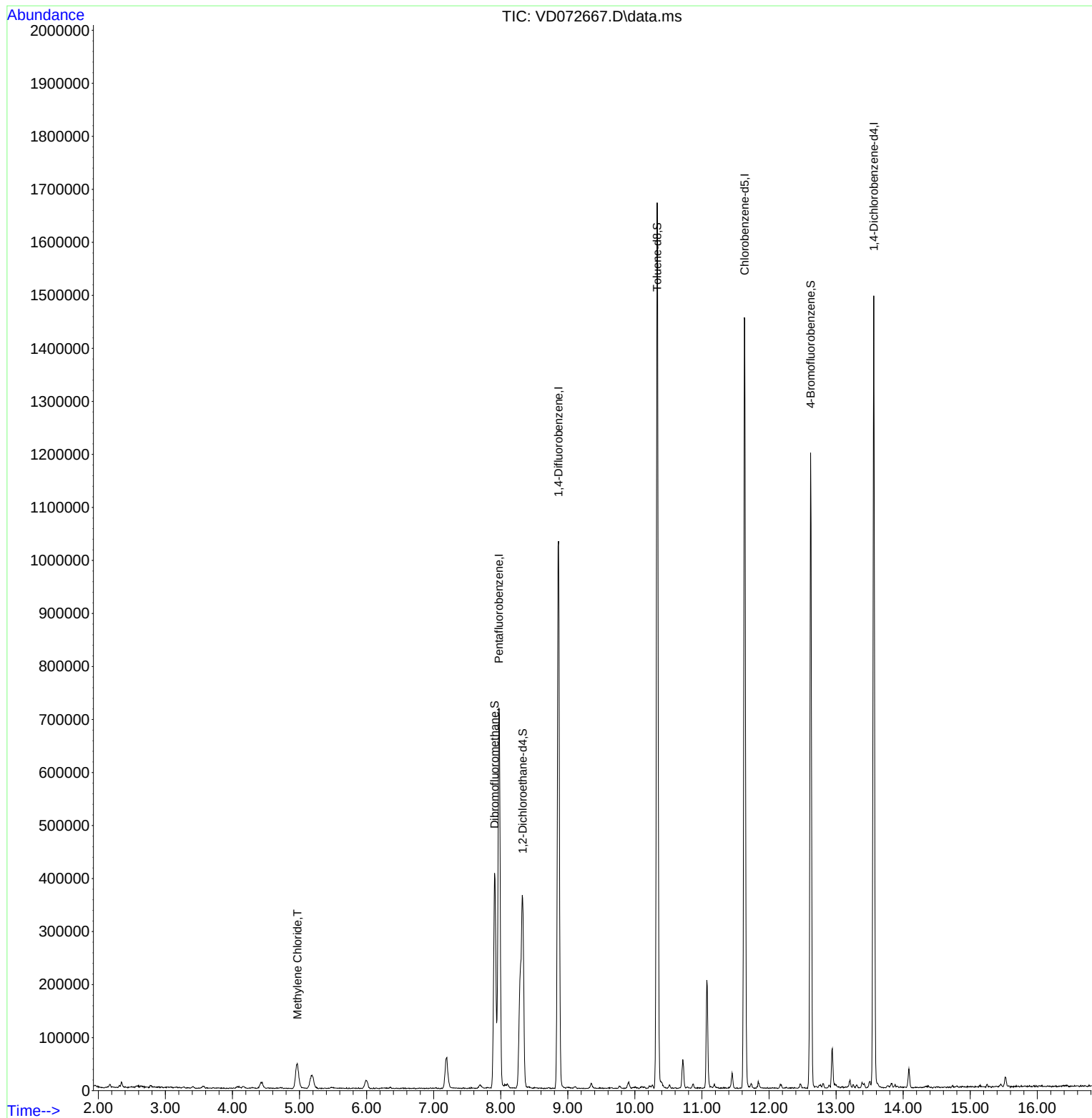
Internal Standards						
1) Pentafluorobenzene	7.973	168	530513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	934121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	874321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	380912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282067	43.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.900%
35) Dibromofluoromethane	7.908	113	296325	40.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.640%
50) Toluene-d8	10.332	98	1120640	44.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.620	95	383063	38.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.740%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	38244	5.368	ug/l #	83

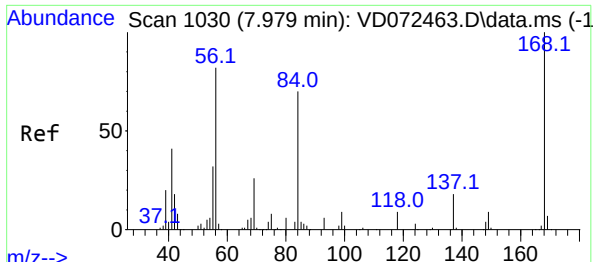
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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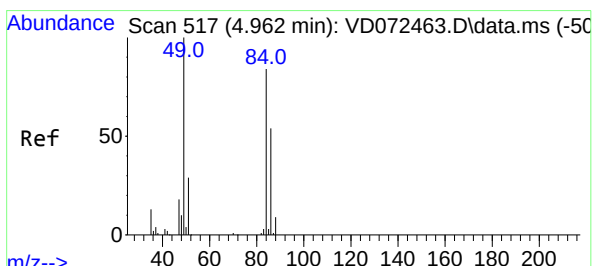
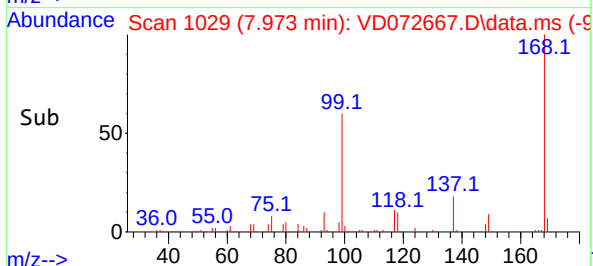
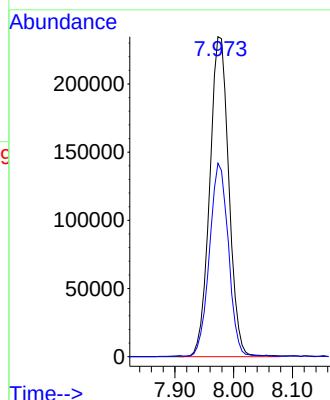
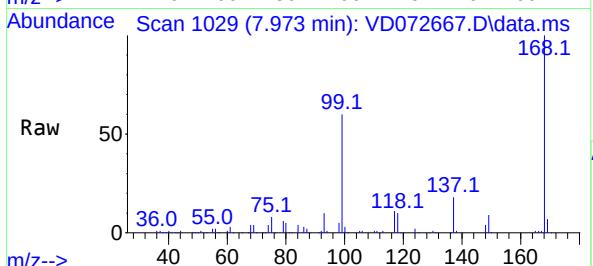




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072667.D
Acq: 21 Apr 2022 13:28

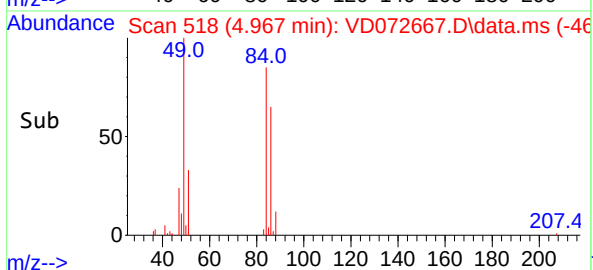
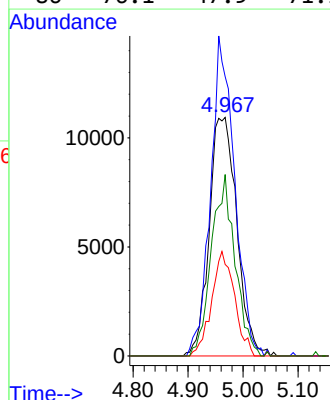
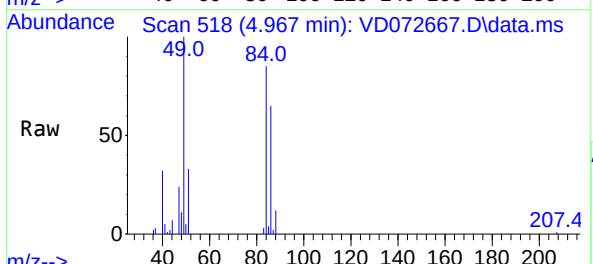
Instrument :
MSVOA_D
ClientSampleId :
KR-1

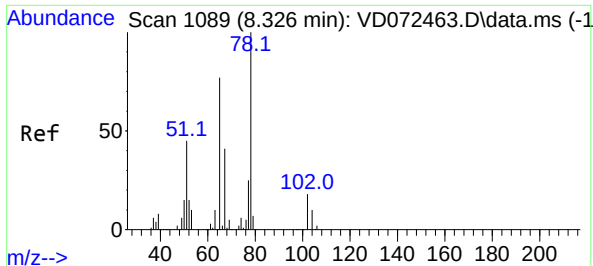
Tgt Ion:168 Resp: 530513
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#20
Methylene Chloride
Concen: 5.368 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072667.D
Acq: 21 Apr 2022 13:28

Tgt Ion: 84 Resp: 38244
Ion Ratio Lower Upper
84 100
49 117.0 112.8 169.2
51 38.3 32.6 48.8
86 76.1 47.9 71.9#





#33

1,2-Dichloroethane-d4

Concen: 43.952 ug/l

RT: 8.326 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072667.D

Acq: 21 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

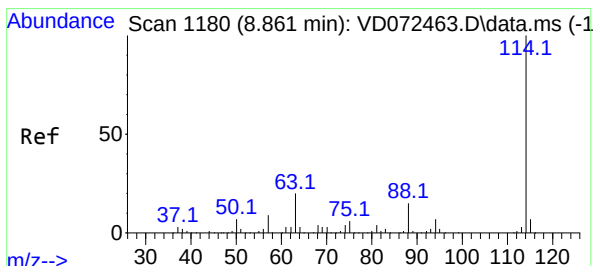
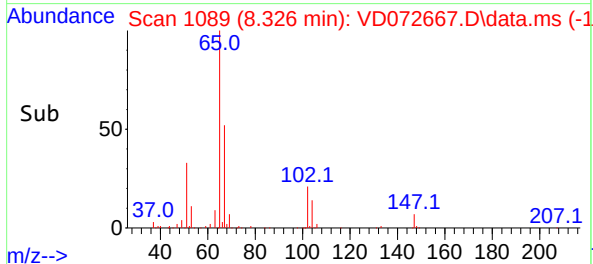
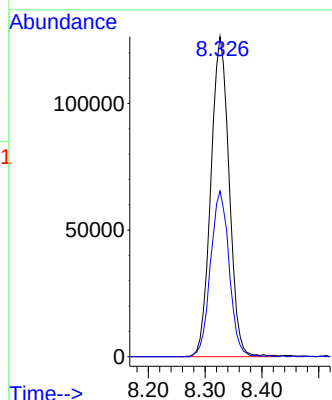
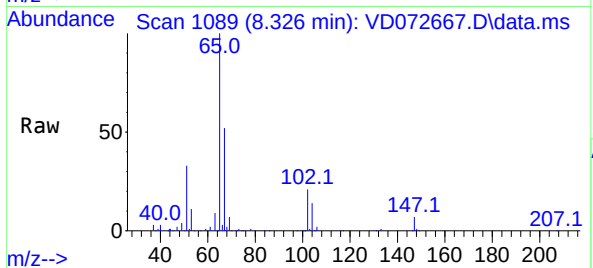
KR-1

Tgt Ion: 65 Resp: 282067

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072667.D

Acq: 21 Apr 2022 13:28

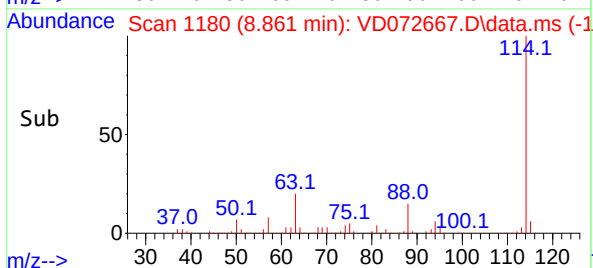
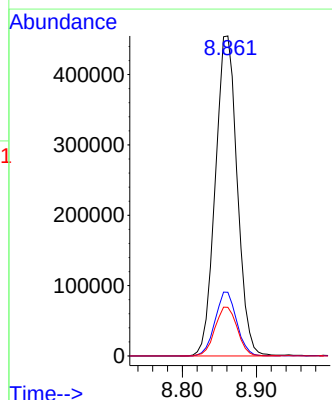
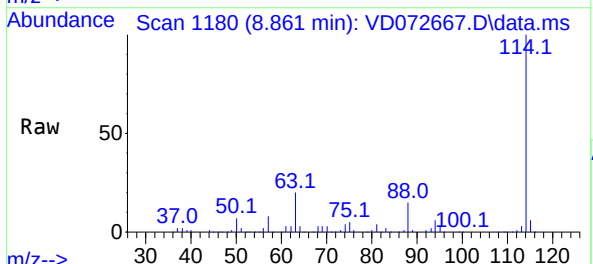
Tgt Ion: 114 Resp: 934121

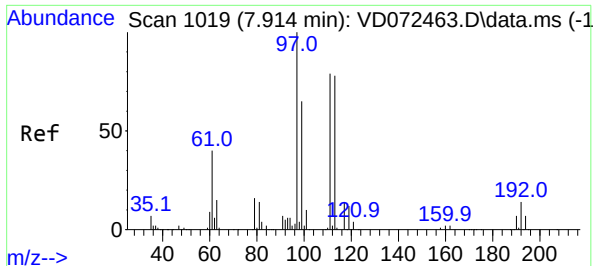
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.2 0.0 33.2

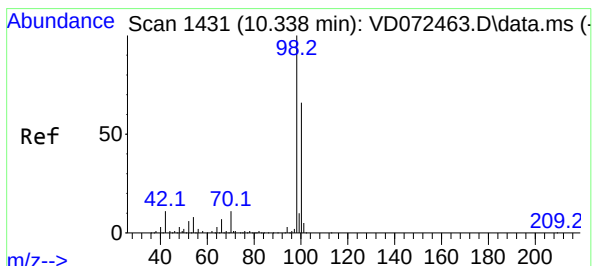
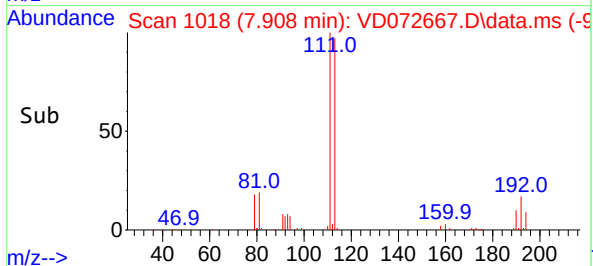
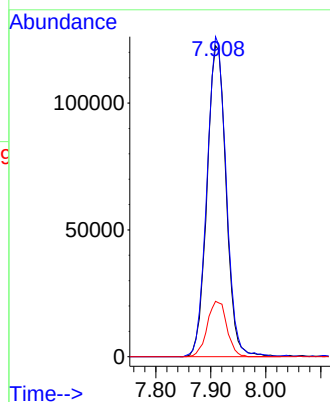
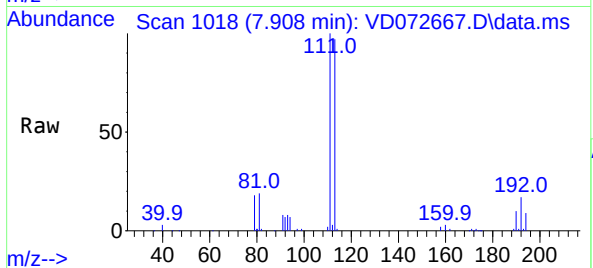




#35
Dibromofluoromethane
Concen: 40.819 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072667.D
Acq: 21 Apr 2022 13:28

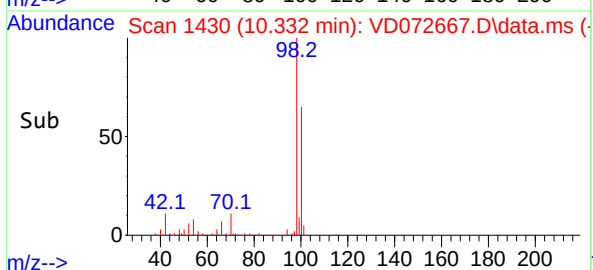
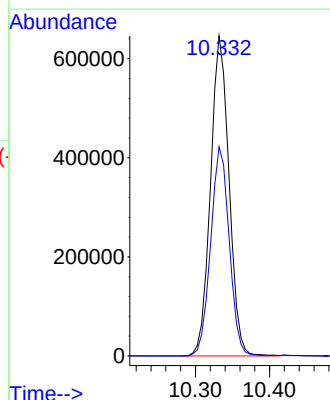
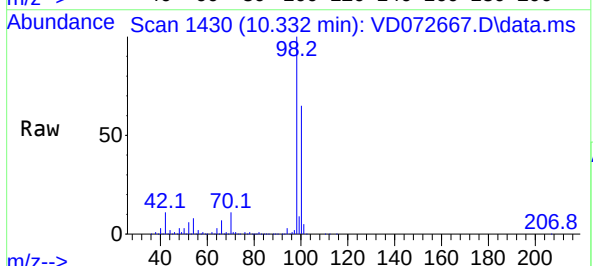
Instrument :
MSVOA_D
ClientSampleId :
KR-1

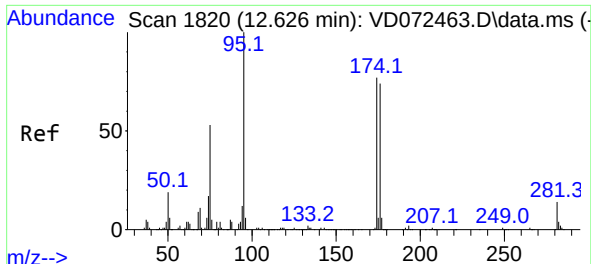
Tgt Ion:113 Resp: 296325
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 44.410 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072667.D
Acq: 21 Apr 2022 13:28

Tgt Ion: 98 Resp: 1120640
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

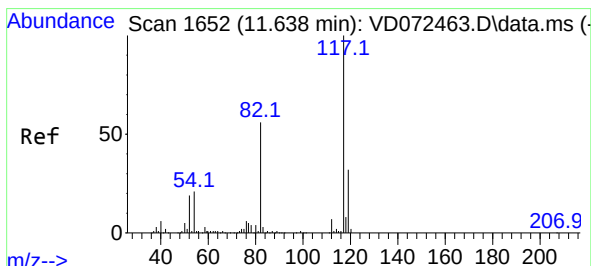
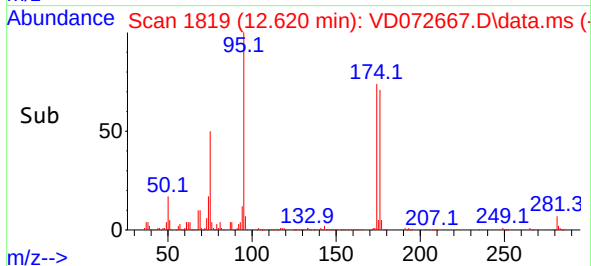
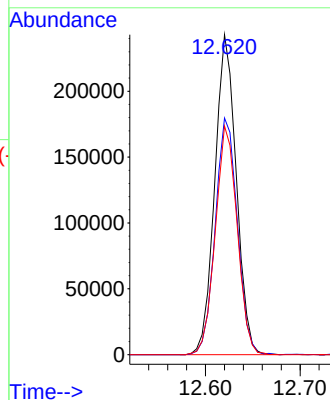
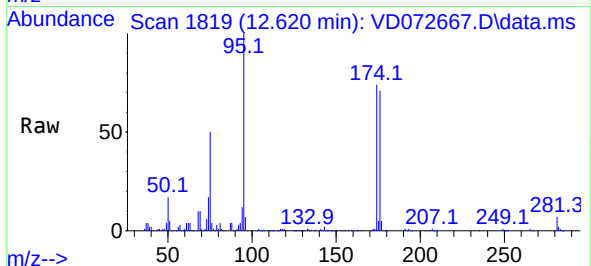




#62
4-Bromofluorobenzene
Concen: 38.870 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072667.D
Acq: 21 Apr 2022 13:28

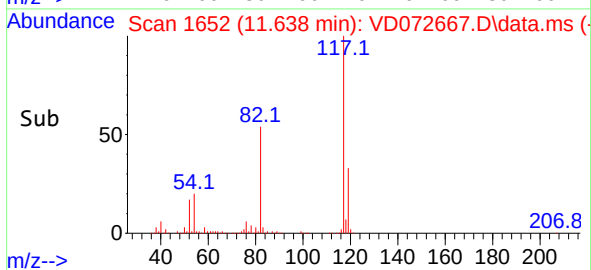
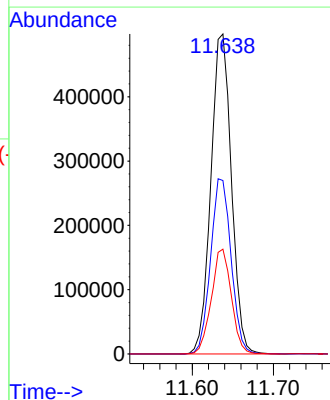
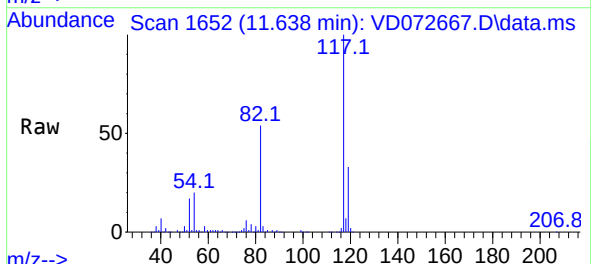
Instrument :
MSVOA_D
ClientSampleId :
KR-1

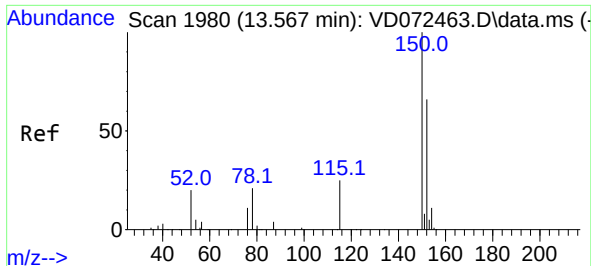
Tgt Ion: 95 Resp: 383063
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072667.D
Acq: 21 Apr 2022 13:28

Tgt Ion: 117 Resp: 874321
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 32.7 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072667.D

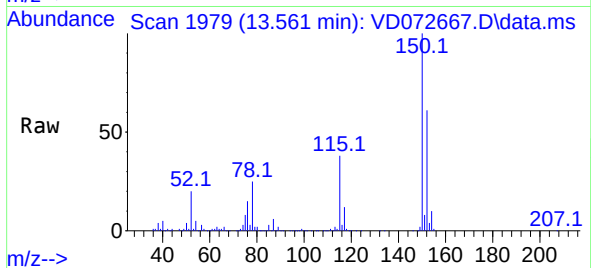
Acq: 21 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

KR-1



Tgt Ion:152 Resp: 380912

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 160.2 0.0 348.6

