

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073372.D
 Acq On : 25 May 2022 20:44
 Operator : VA/SY
 Sample : N2886-16
 Misc : 4.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0006-01

Quant Time: May 26 02:27:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

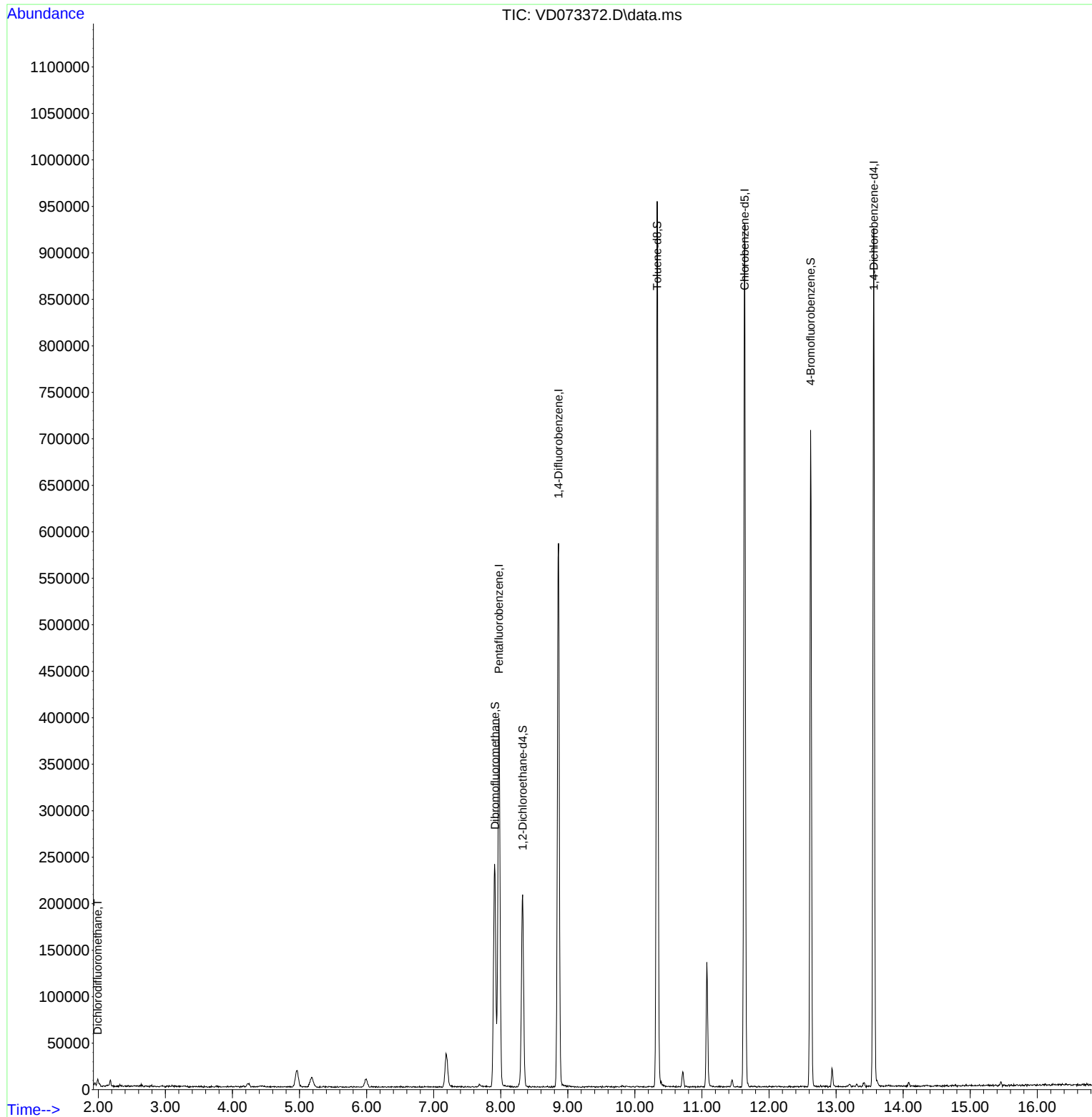
Internal Standards						
1) Pentafluorobenzene	7.973	168	286359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	505308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	539731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163306	51.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.914	113	174798	52.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.840%	
50) Toluene-d8	10.332	98	631051	51.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.620	95	229977	53.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	5211	1.821	ug/l	99

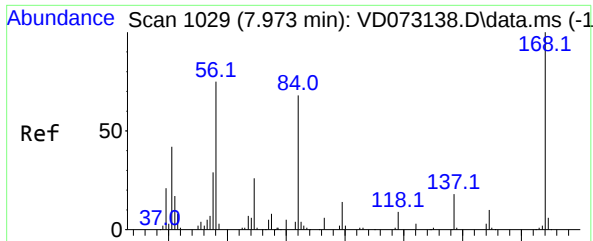
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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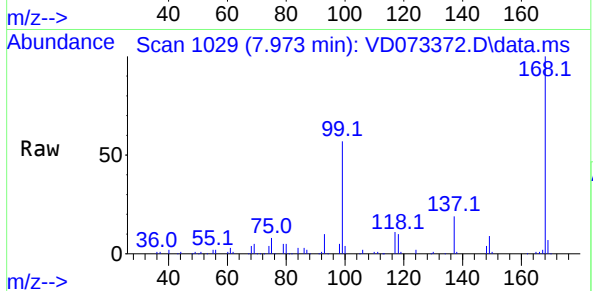
Quant Time: May 26 02:27:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



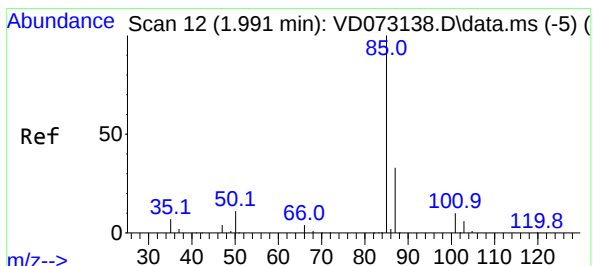
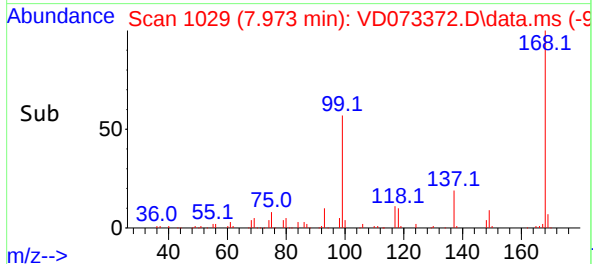
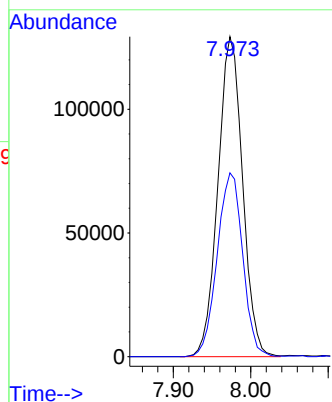


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

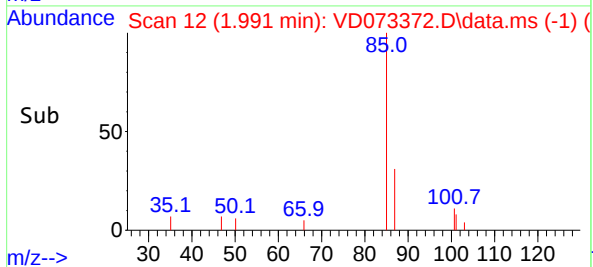
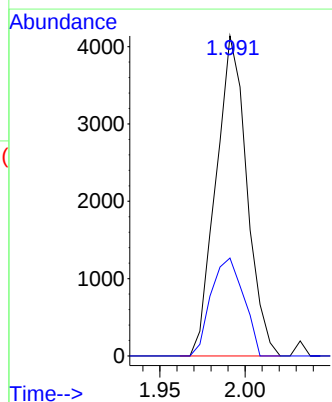
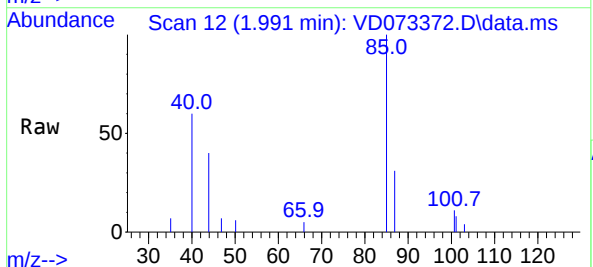


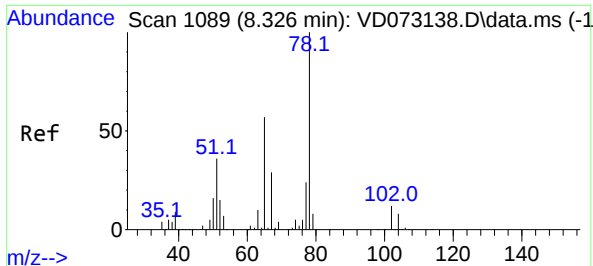
Tgt Ion:168 Resp: 286359
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.821 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 85 Resp: 5211
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 51.603 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073372.D

Acq: 25 May 2022 20:44

Instrument :

MSVOA_D

ClientSampleId :

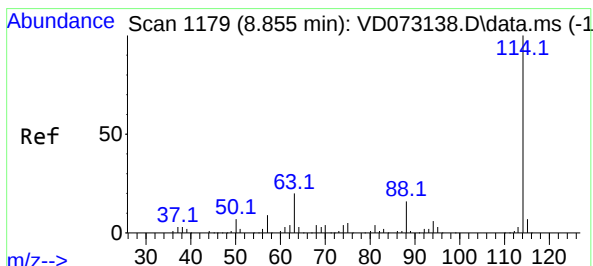
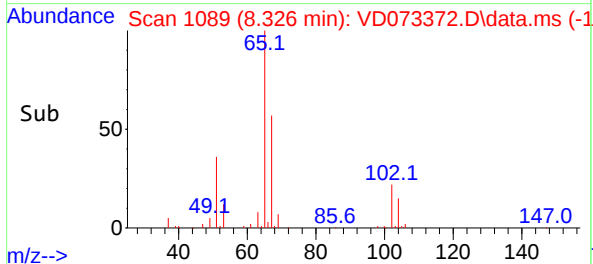
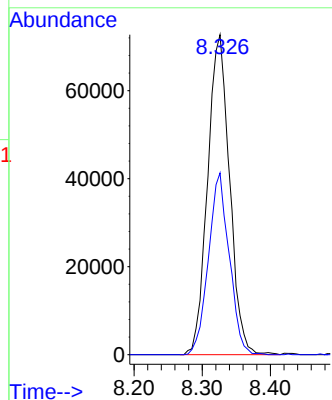
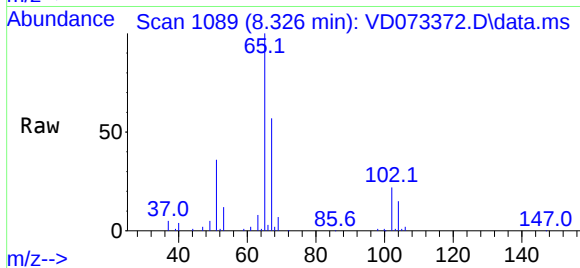
P021-SS007-0006-01

Tgt Ion: 65 Resp: 163306

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073372.D

Acq: 25 May 2022 20:44

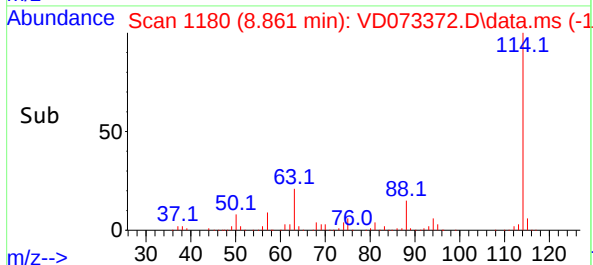
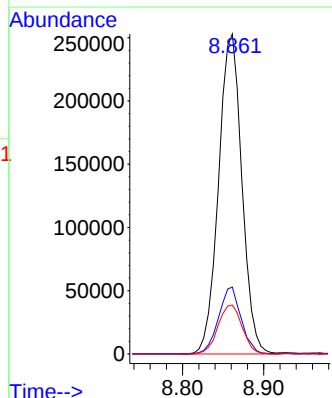
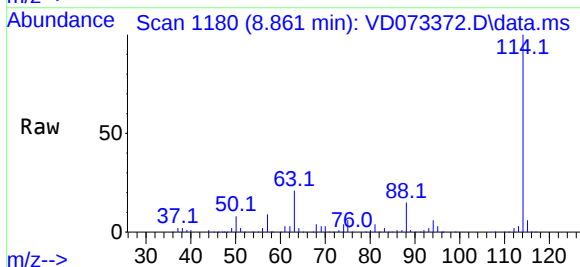
Tgt Ion: 114 Resp: 505308

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.3 0.0 33.2

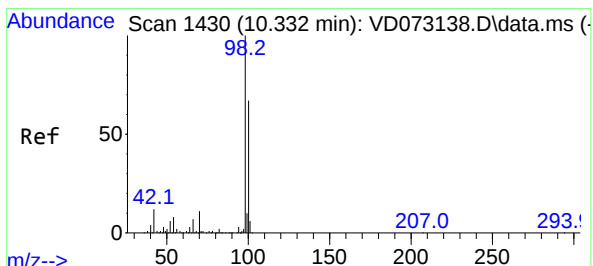
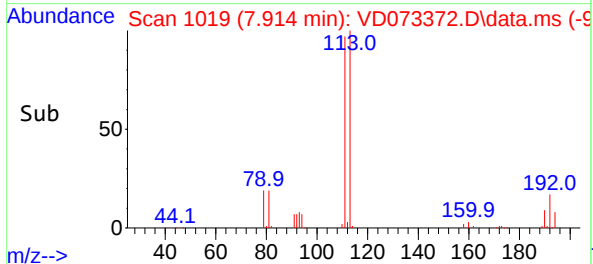
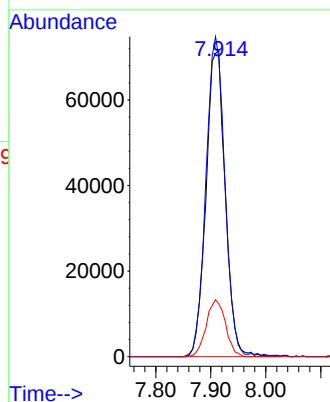
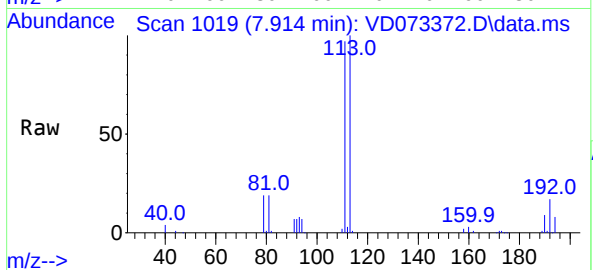




#35
Dibromofluoromethane
Concen: 52.423 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

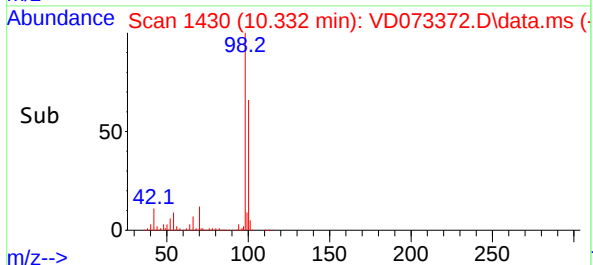
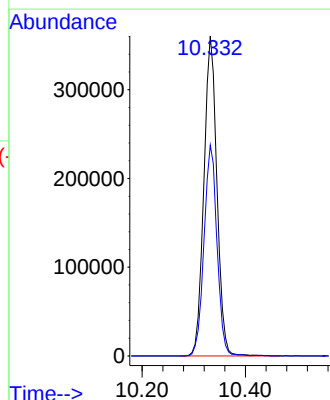
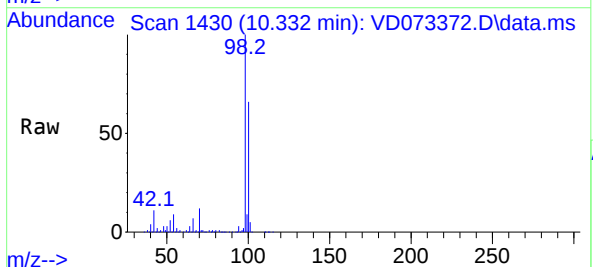
Instrument :
MSVOA_D
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P021-SS007-0006-01

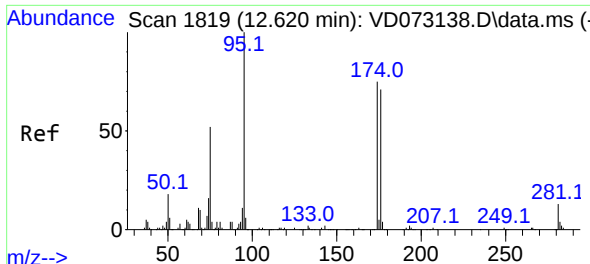
Tgt Ion:113 Resp: 174798
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 51.341 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 98 Resp: 631051
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

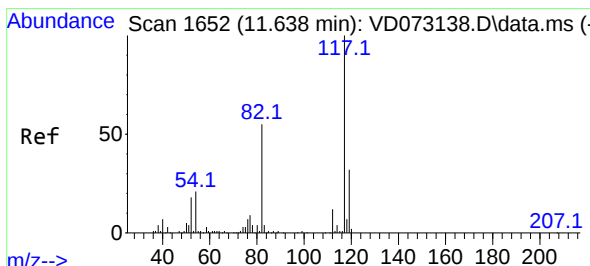
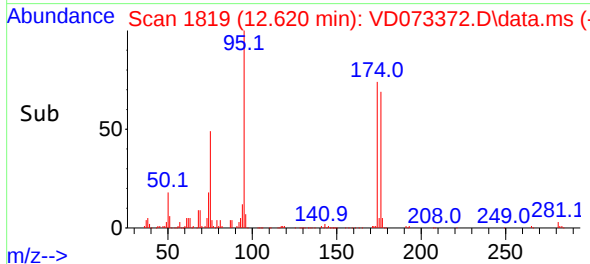
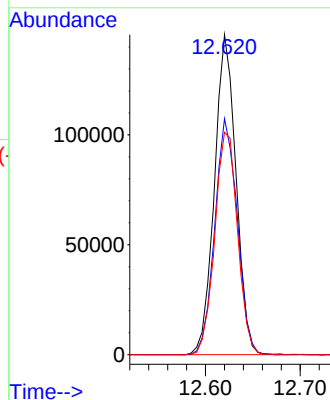
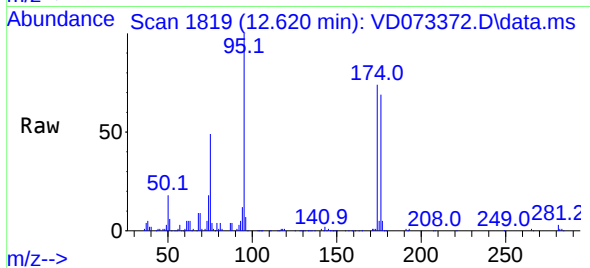




#62
4-Bromofluorobenzene
Concen: 53.315 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

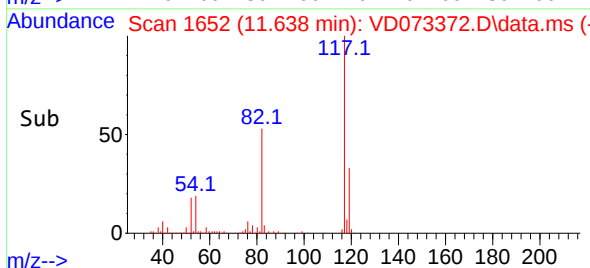
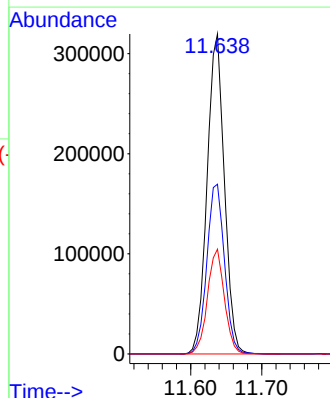
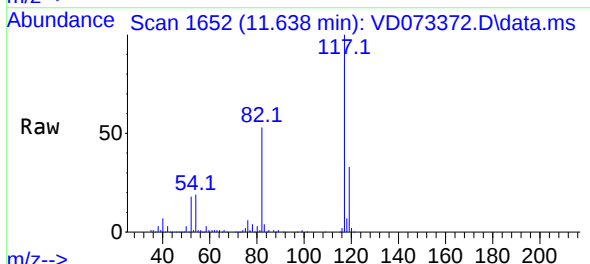
Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

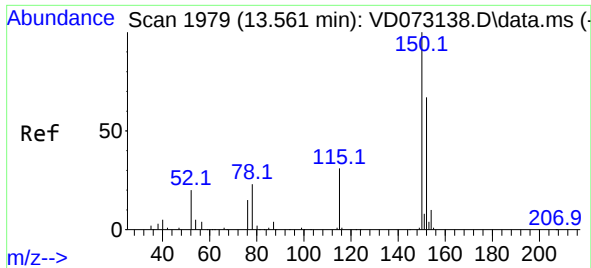
Tgt Ion: 95 Resp: 229977
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

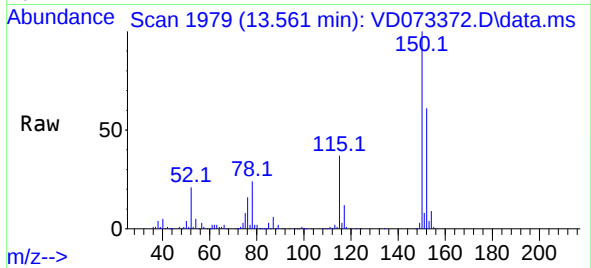
Tgt Ion: 117 Resp: 539731
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 32.8 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01



Tgt Ion:152 Resp: 240102
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 155.4 0.0 348.6

