

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073097.D
 Acq On : 18 May 2022 14:19
 Operator : VA/SY
 Sample : N2824-02
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-2

Quant Time: May 19 04:44:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

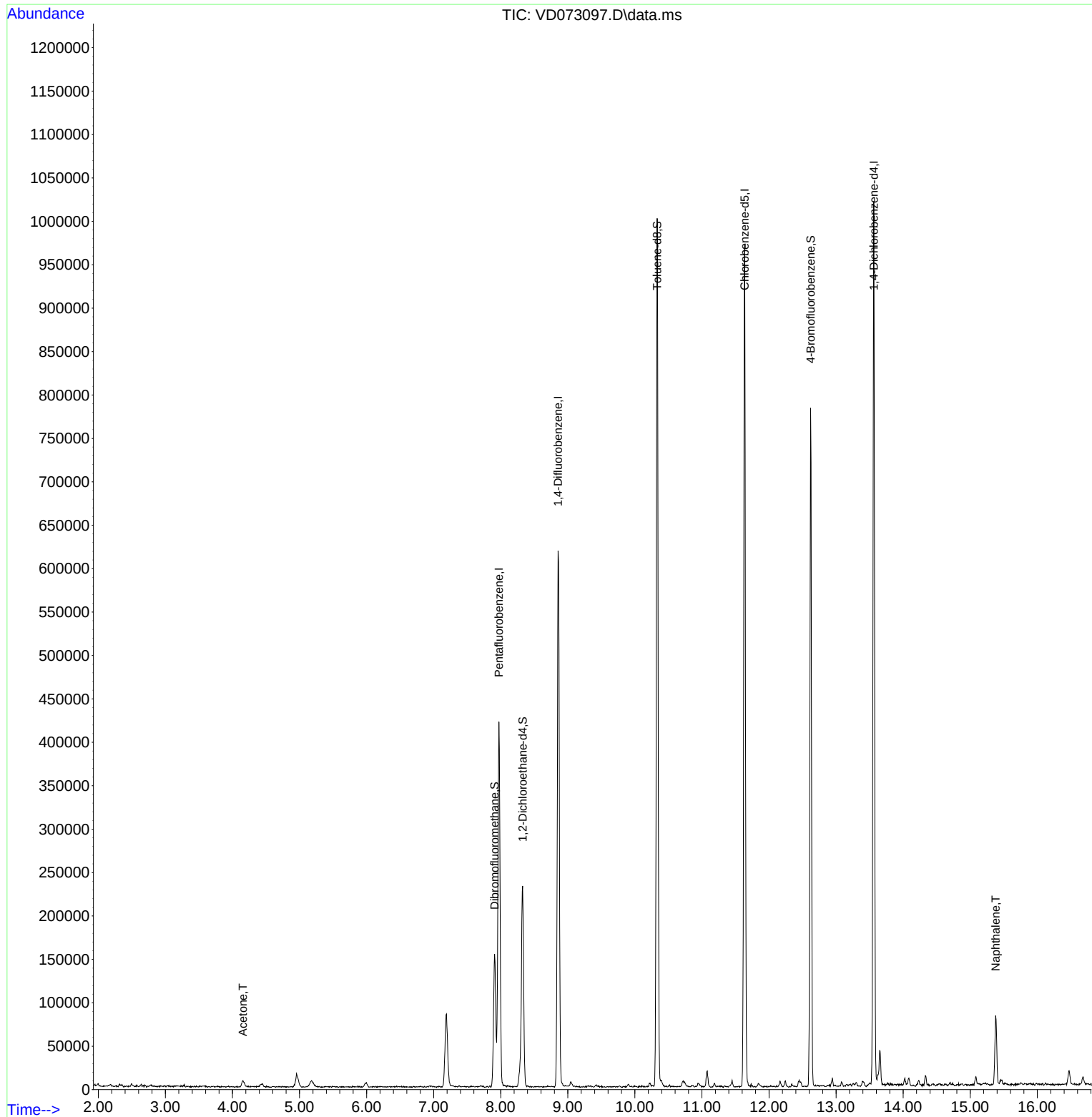
Internal Standards						
1) Pentafluorobenzene	7.973	168	301850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	543651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	564831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177661	47.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.908	113	111251	29.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.300%
50) Toluene-d8	10.332	98	672169	48.541	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	250332	49.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.820%
Target Compounds						
16) Acetone	4.156	43	12471	18.256	ug/l	98
95) Naphthalene	15.379	128	72030	10.694	ug/l	99

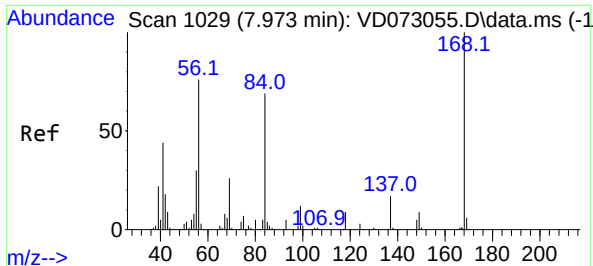
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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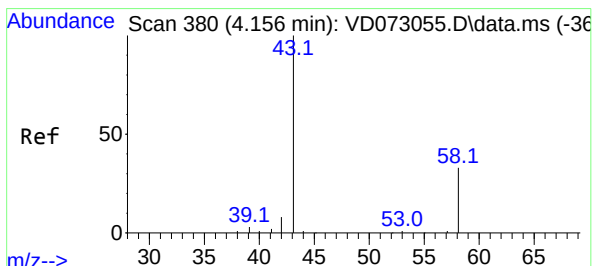
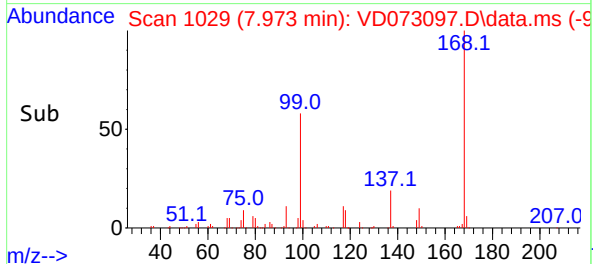
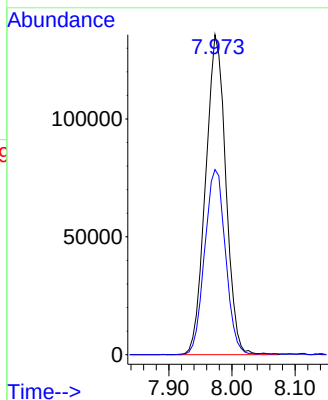
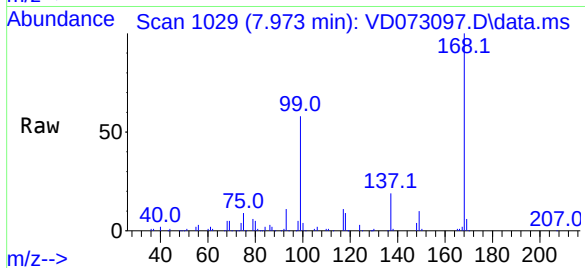




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

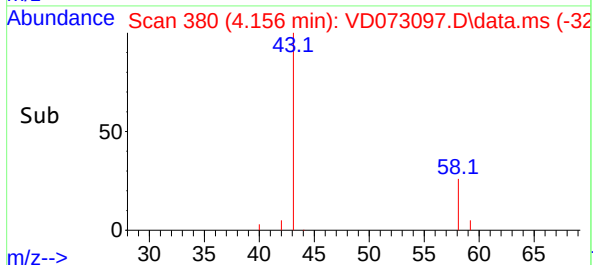
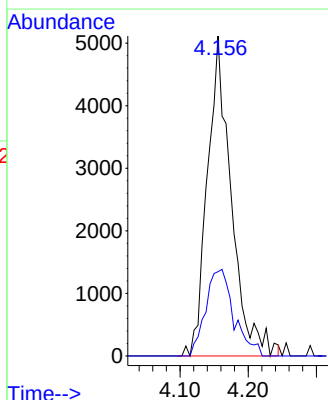
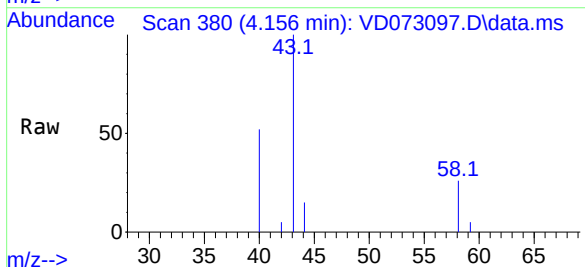
Instrument :
MSVOA_D
ClientSampleId :
COM-2

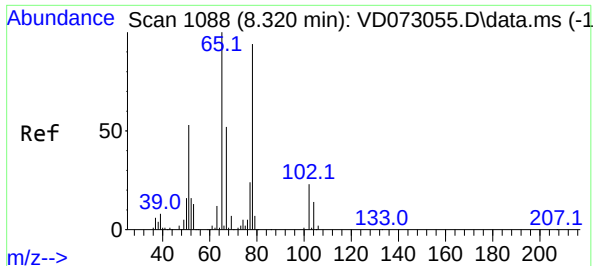
Tgt Ion:168 Resp: 301850
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#16
Acetone
Concen: 18.256 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

Tgt Ion: 43 Resp: 12471
Ion Ratio Lower Upper
43 100
58 26.3 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 47.064 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073097.D

Acq: 18 May 2022 14:19

Instrument :

MSVOA_D

ClientSampleId :

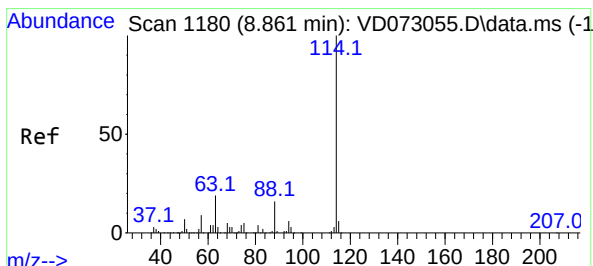
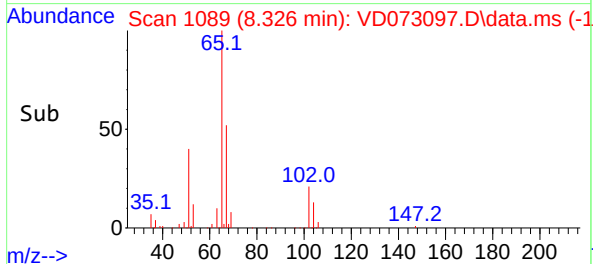
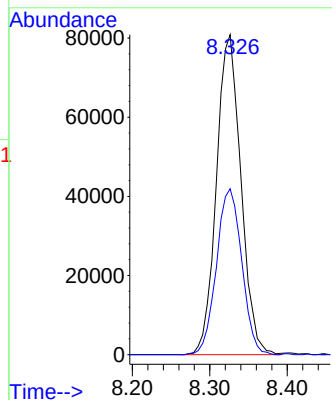
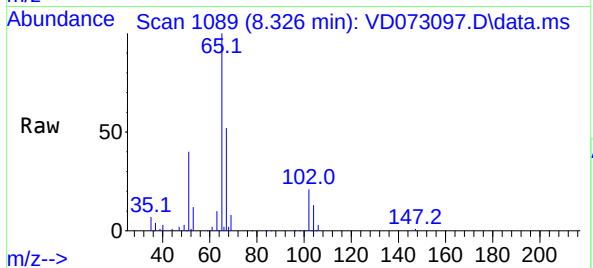
COM-2

Tgt Ion: 65 Resp: 177661

Ion Ratio Lower Upper

65 100

67 53.6 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: VD073097.D

Acq: 18 May 2022 14:19

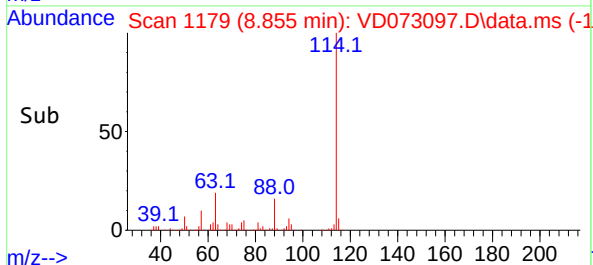
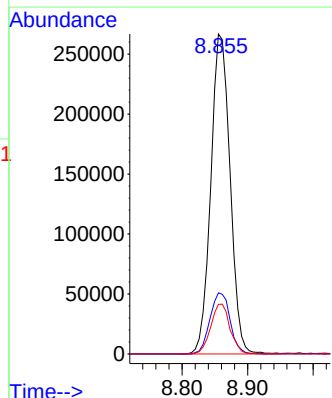
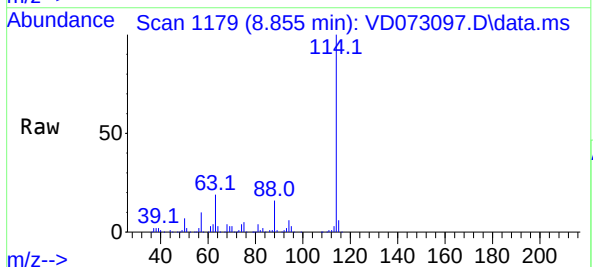
Tgt Ion: 114 Resp: 543651

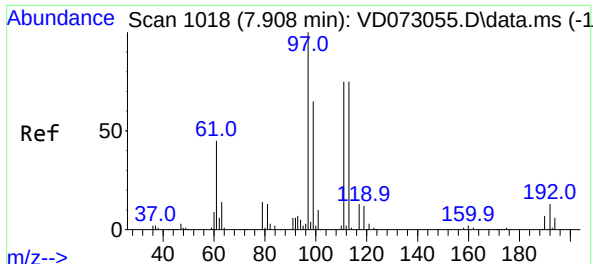
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.5 0.0 33.2

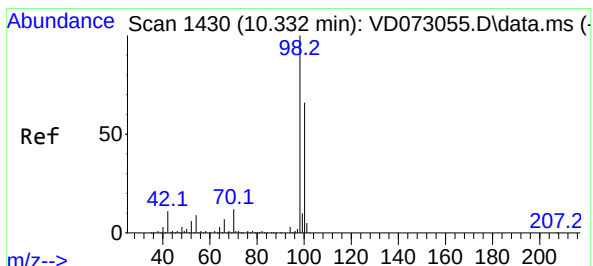
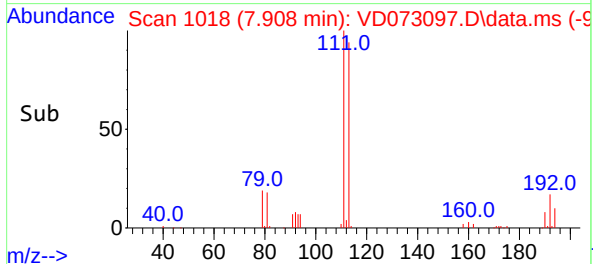
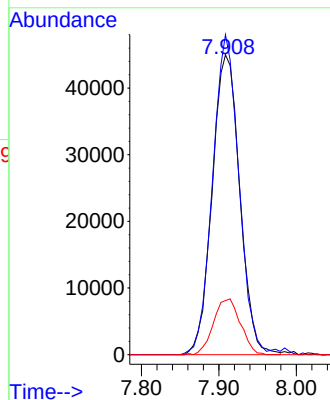
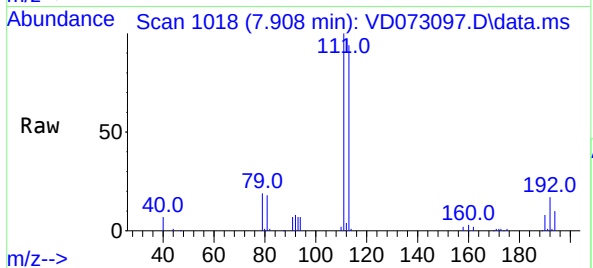




#35
Dibromofluoromethane
Concen: 29.146 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

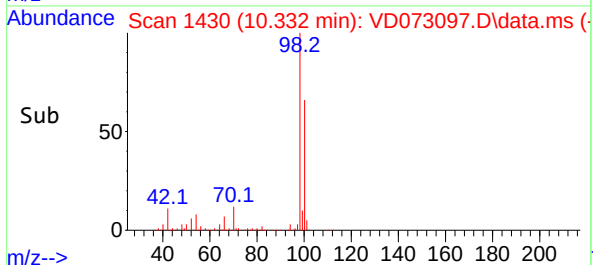
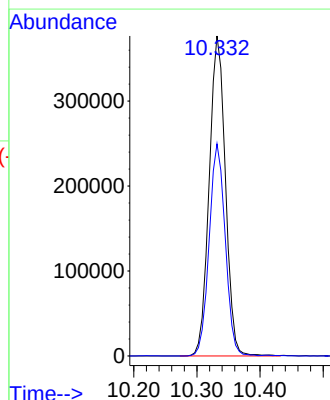
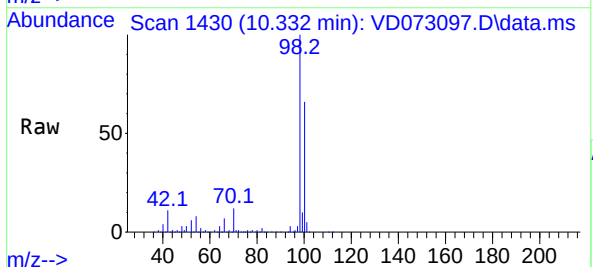
Instrument :
MSVOA_D
ClientSampleId :
COM-2

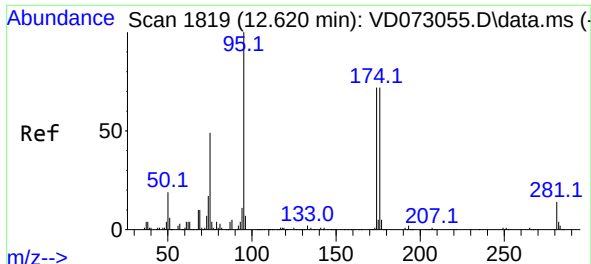
Tgt Ion:113 Resp: 111251
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 48.541 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

Tgt Ion: 98 Resp: 672169
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

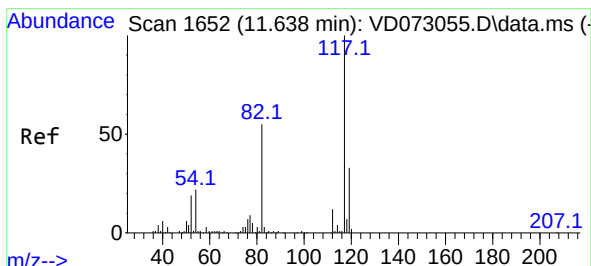
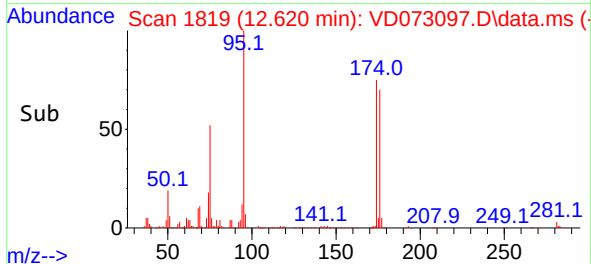
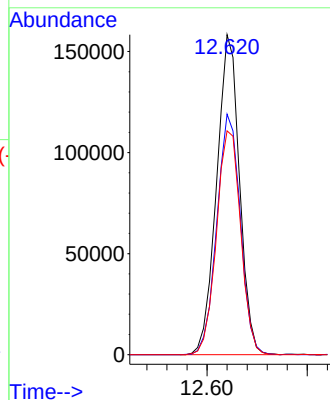
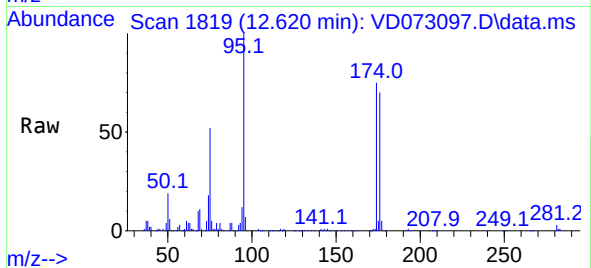




#62
4-Bromofluorobenzene
Concen: 49.912 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

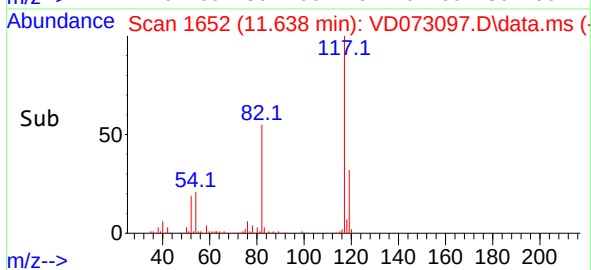
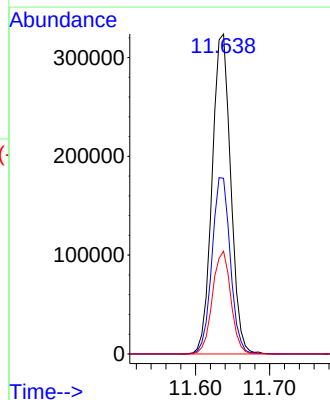
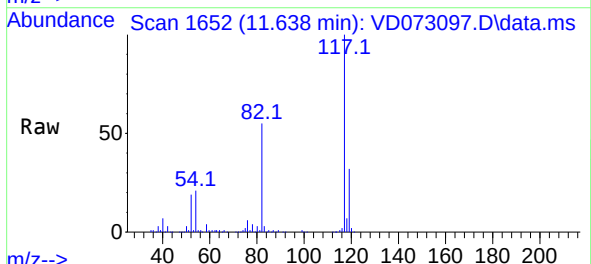
Instrument :
MSVOA_D
ClientSampleId :
COM-2

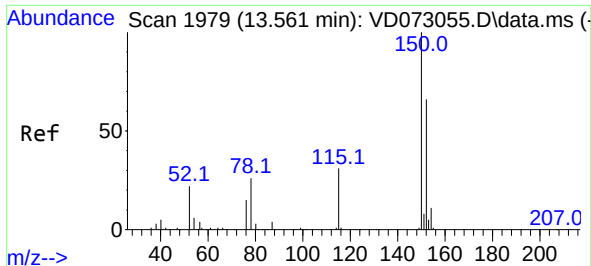
Tgt Ion: 95 Resp: 250332
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

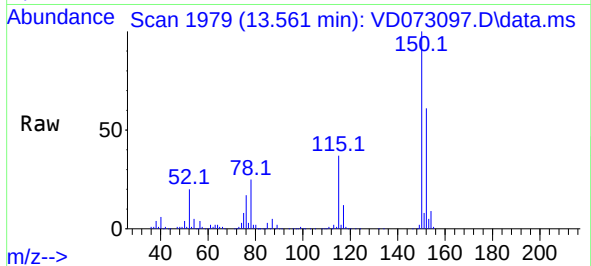
Tgt Ion: 117 Resp: 564831
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 32.1 26.6 40.0



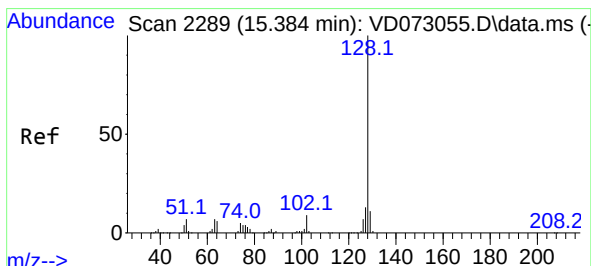
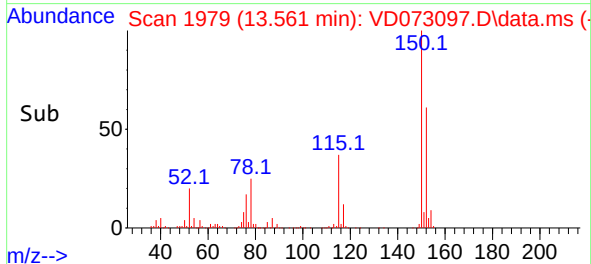
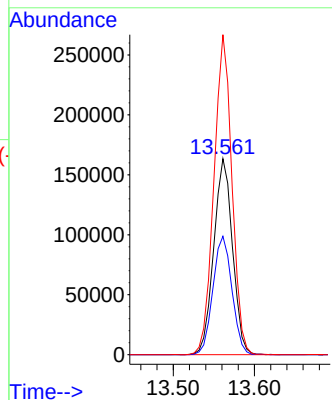


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

Instrument :
MSVOA_D
ClientSampleId :
COM-2



Tgt Ion:152 Resp: 262860
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 156.7 0.0 348.6



#95
Naphthalene
Concen: 10.694 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD073097.D
Acq: 18 May 2022 14:19

Tgt Ion:128 Resp: 72030
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.4 12.6

