

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073075.D
 Acq On : 18 May 2022 00:50
 Operator : VA/SY
 Sample : N2824-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-2

Quant Time: May 18 05:13:34 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)

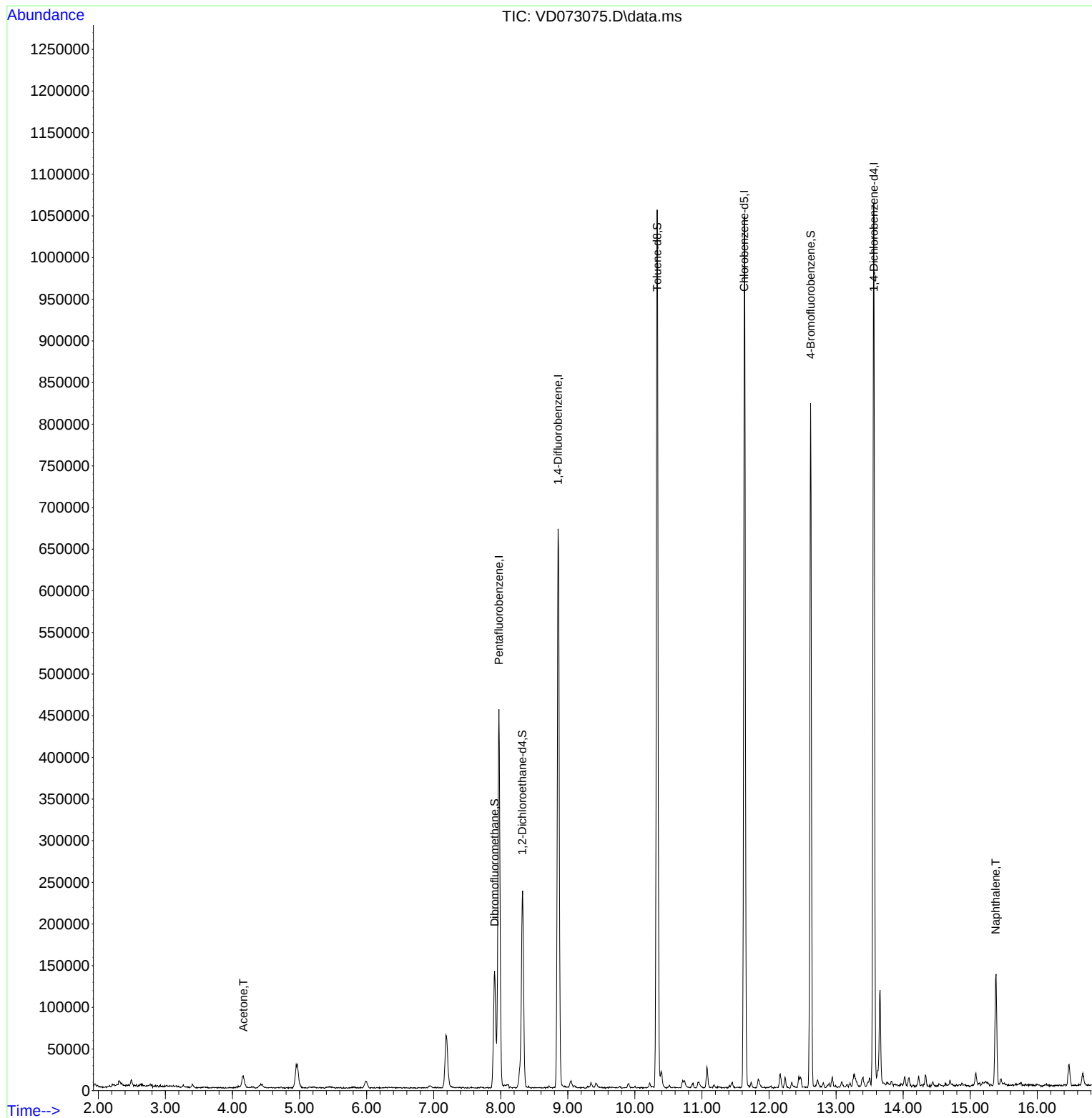
Internal Standards						
1) Pentafluorobenzene	7.973	168	314397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	574945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	592299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	182335	46.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.740%
35) Dibromofluoromethane	7.909	113	100662	24.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.880%#
50) Toluene-d8	10.332	98	720982	49.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.620	95	267857	50.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.000%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	24897	34.992	ug/l	94
95) Naphthalene	15.379	128	116197	14.049	ug/l	98

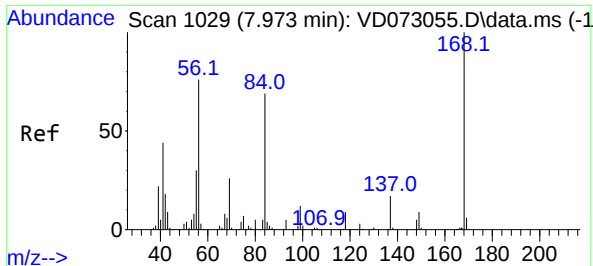
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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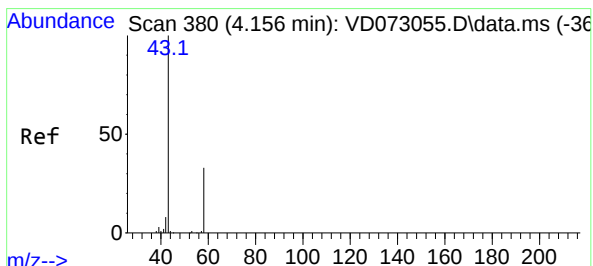
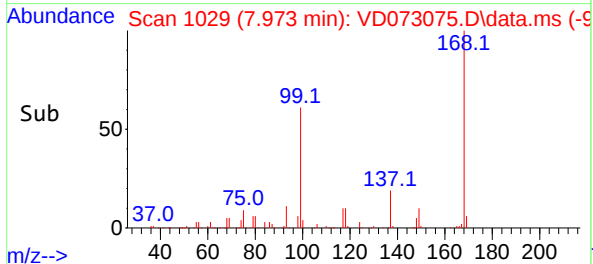
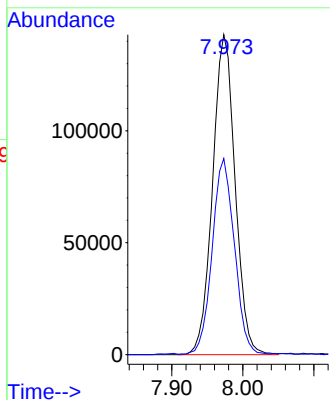
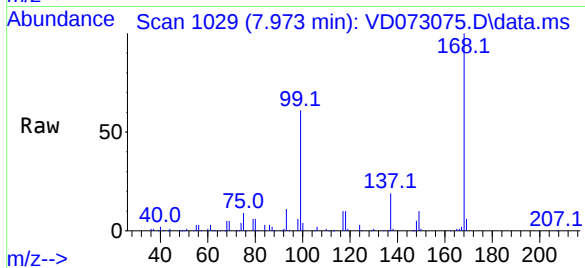




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

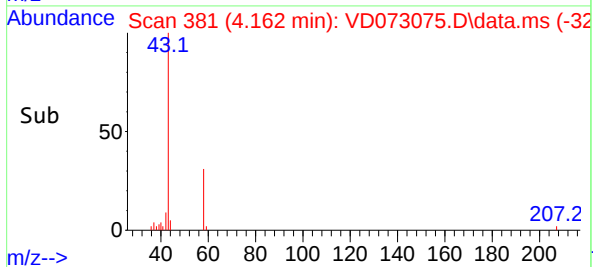
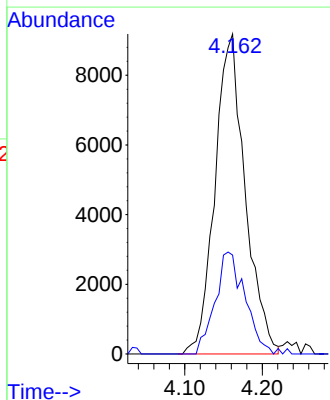
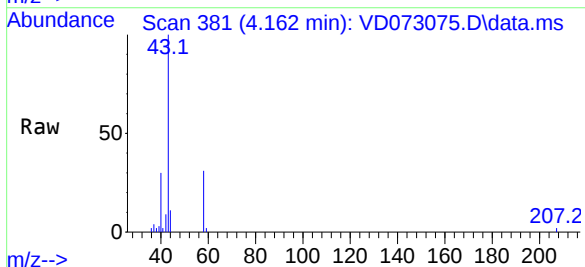
Instrument :
MSVOA_D
ClientSampleId :
COM-2

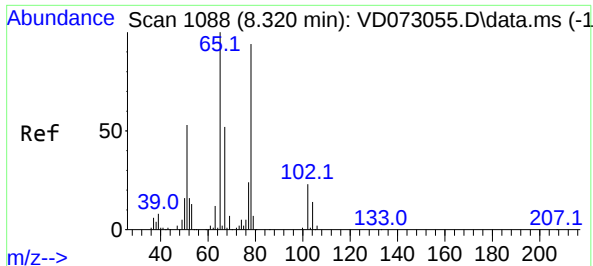
Tgt Ion:168 Resp: 314397
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#16
Acetone
Concen: 34.992 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

Tgt Ion: 43 Resp: 24897
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1

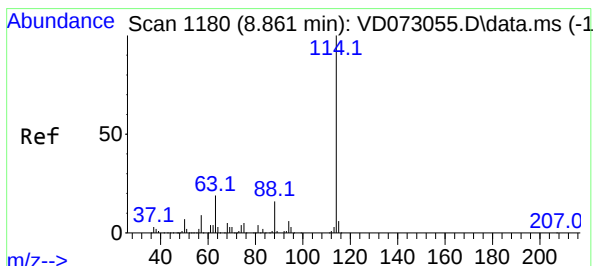
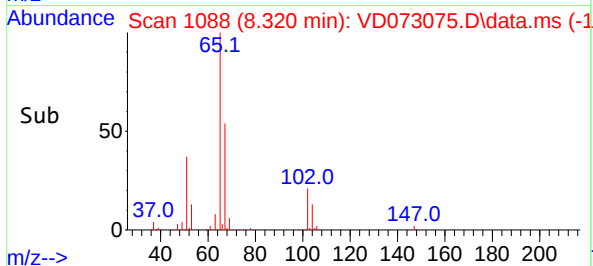
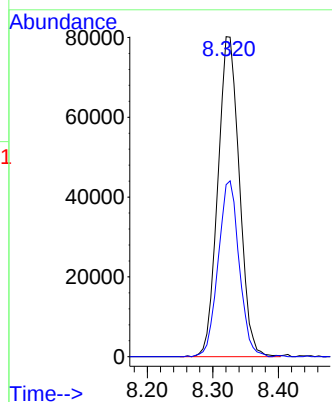
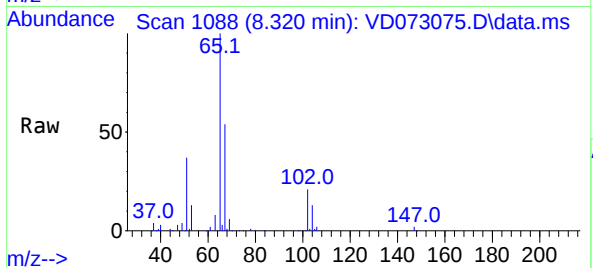




#33
1,2-Dichloroethane-d4
Concen: 46.375 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

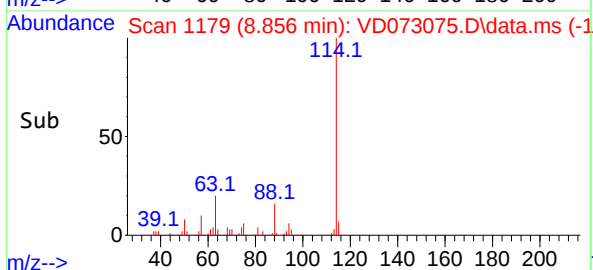
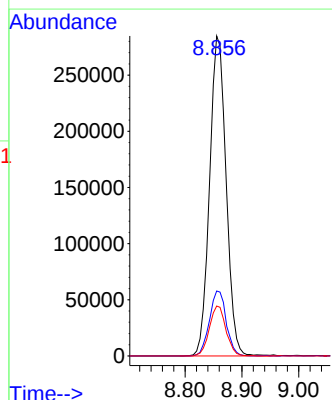
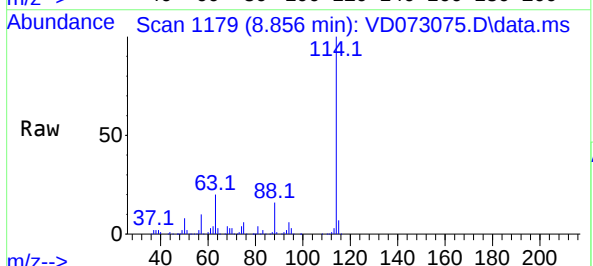
Instrument :
MSVOA_D
ClientSampleId :
COM-2

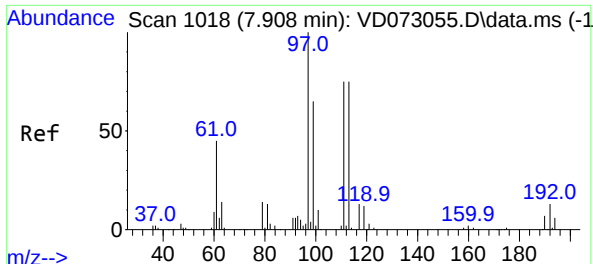
Tgt Ion: 65 Resp: 182335
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

Tgt Ion: 114 Resp: 574945
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 15.6 0.0 33.2

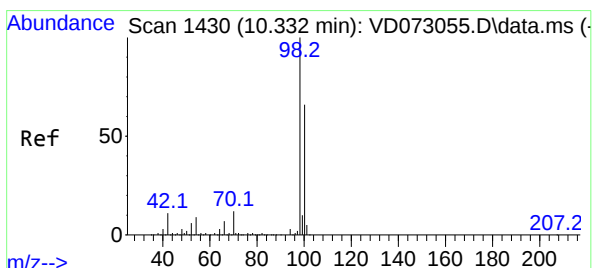
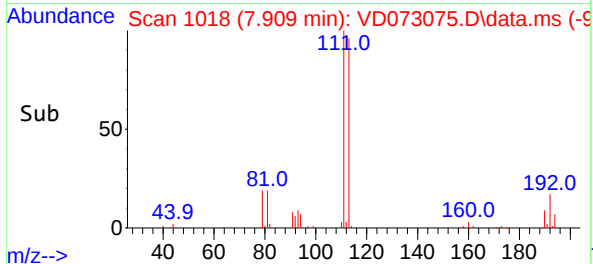
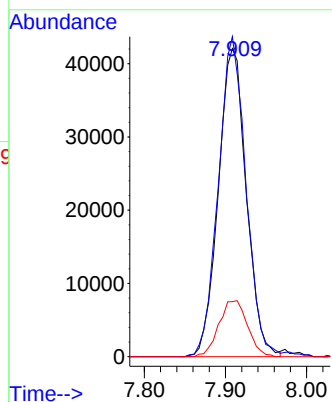
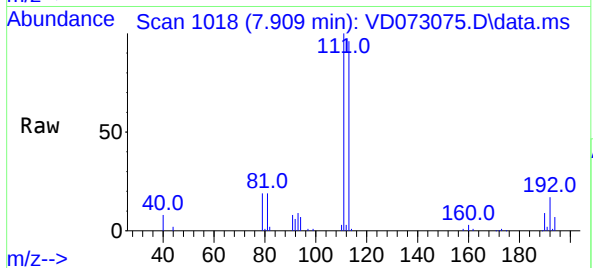




#35
Dibromofluoromethane
Concen: 24.936 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

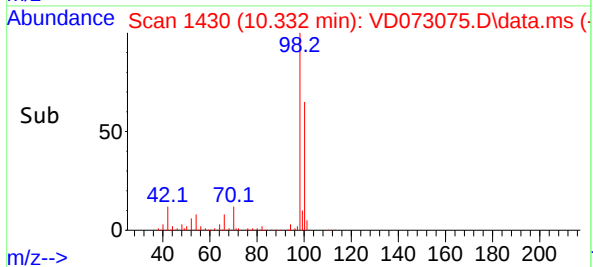
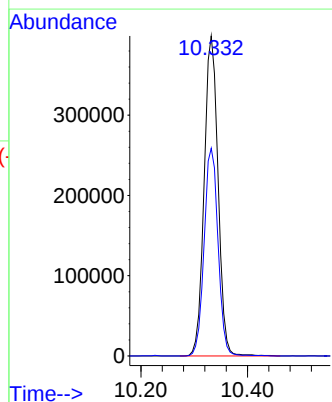
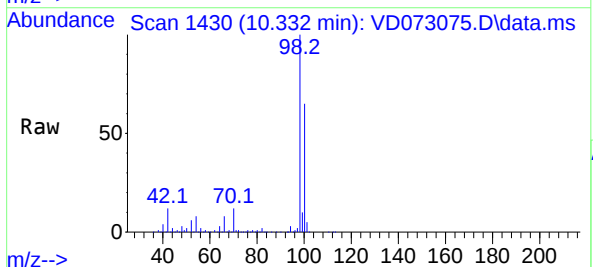
Instrument :
MSVOA_D
ClientSampleId :
COM-2

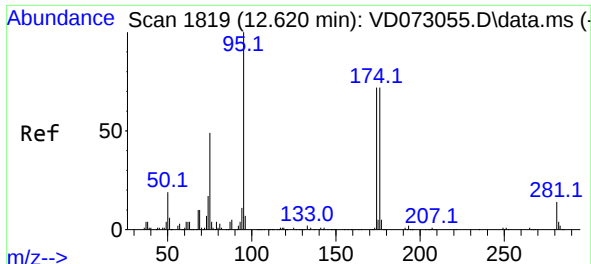
Tgt Ion:113 Resp: 100662
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 49.232 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

Tgt Ion: 98 Resp: 720982
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

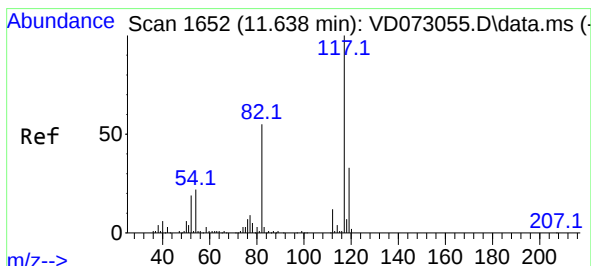
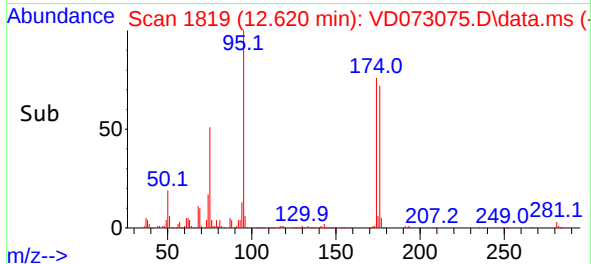
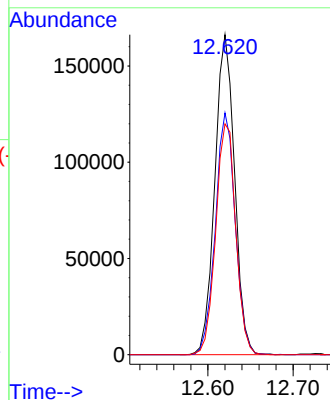
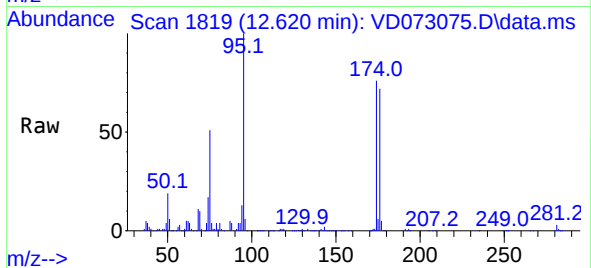




#62
4-Bromofluorobenzene
Concen: 50.499 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

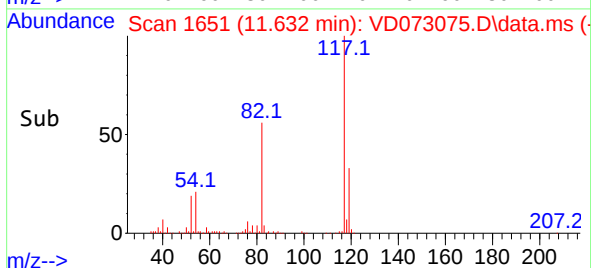
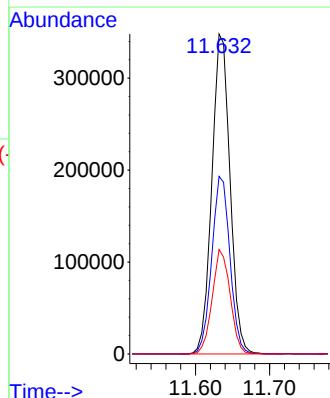
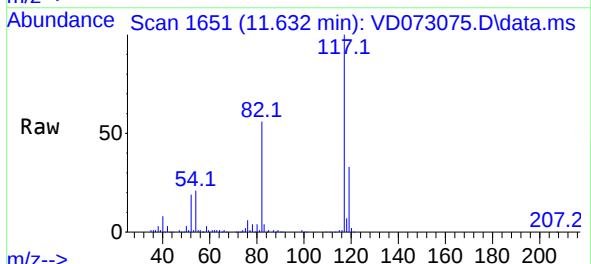
Instrument :
MSVOA_D
ClientSampleId :
COM-2

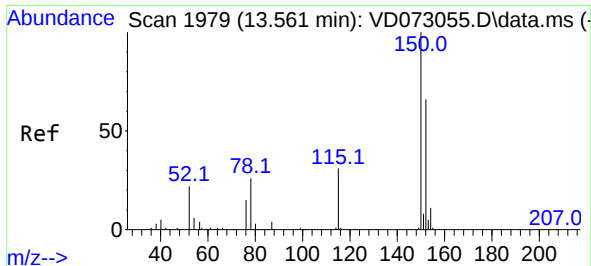
Tgt Ion: 95 Resp: 267857
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

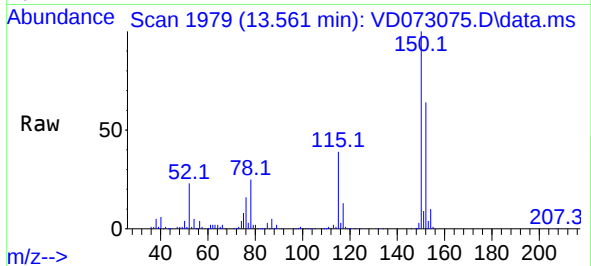
Tgt Ion: 117 Resp: 592299
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.6 26.6 40.0



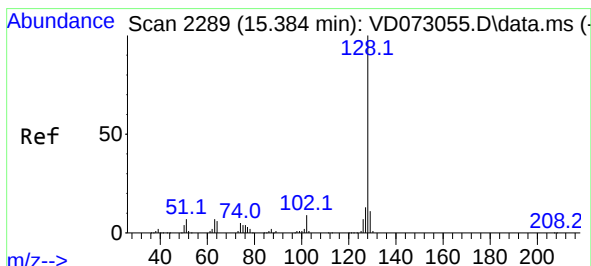
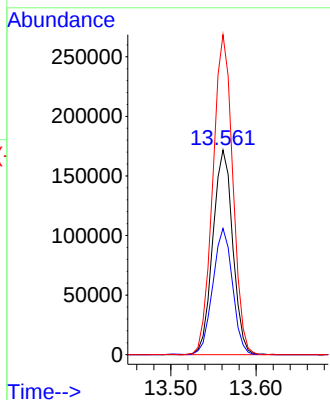
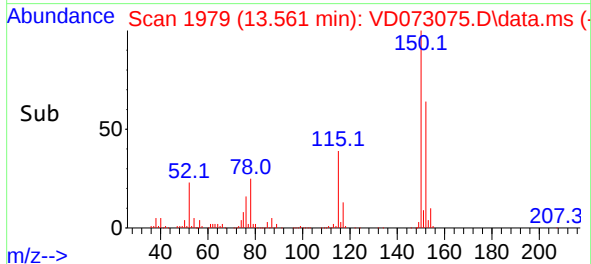


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50

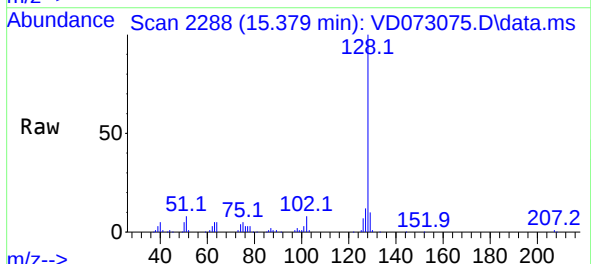
Instrument :
MSVOA_D
ClientSampleId :
COM-2



Tgt Ion:152 Resp: 278720
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 156.6 0.0 348.6



#95
Naphthalene
Concen: 14.049 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD073075.D
Acq: 18 May 2022 00:50



Tgt Ion:128 Resp: 116197
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.0 8.4 12.6

