

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071343.D
 Acq On : 15 Dec 2021 15:28
 Operator : VA/SY
 Sample : M5082-03
 Misc : 4.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1(65-77.7)

Quant Time: Dec 16 04:28:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

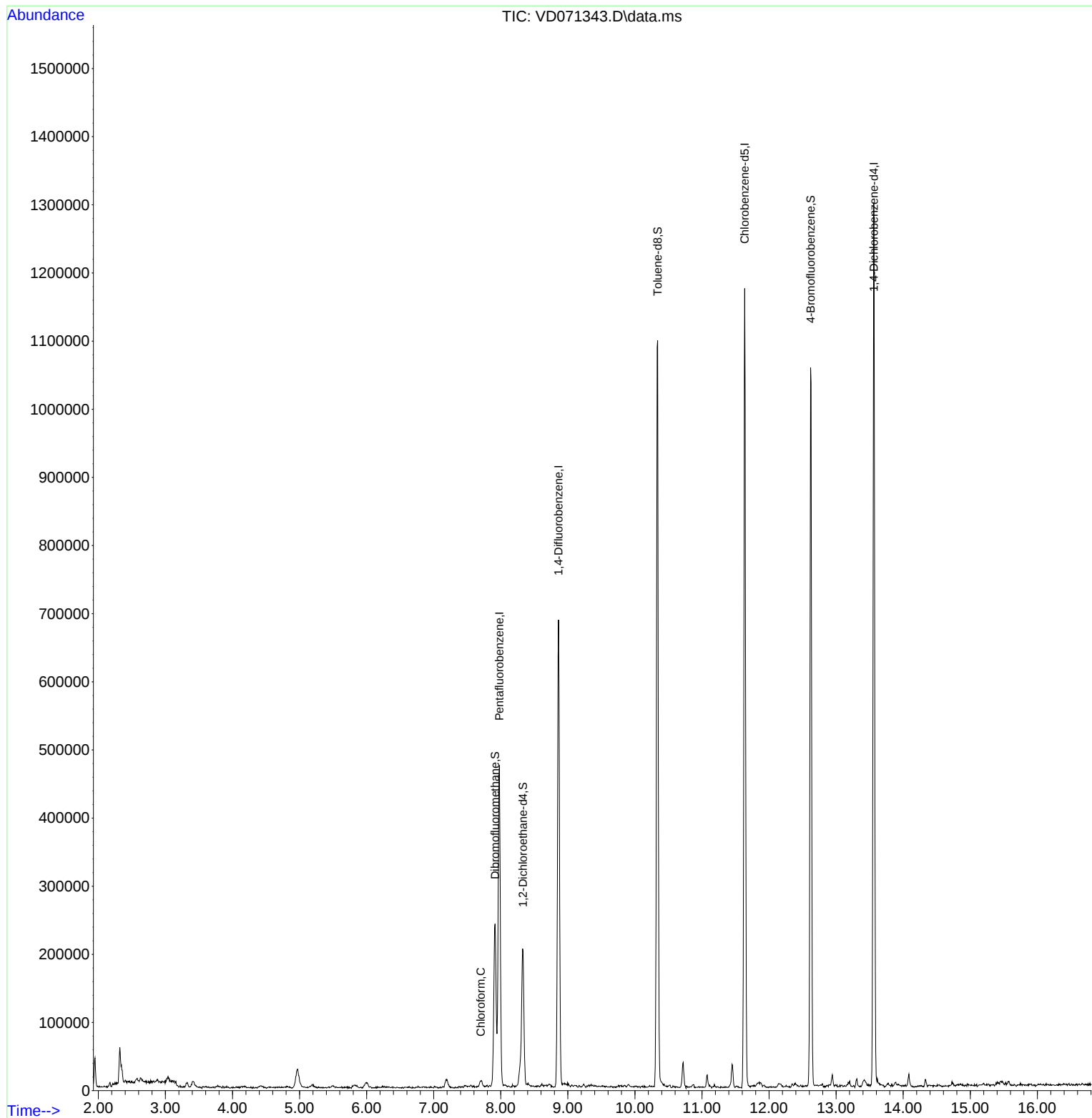
Internal Standards						
1) Pentafluorobenzene	7.979	168	318918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	618705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	308596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159997	42.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.520%
35) Dibromofluoromethane	7.914	113	167168	48.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.338	98	713472	53.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.880%
62) 4-Bromofluorobenzene	12.620	95	310847	67.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.580%
Target Compounds						
					Qvalue	
30) Chloroform	7.702	83	6998	1.076	ug/l	96

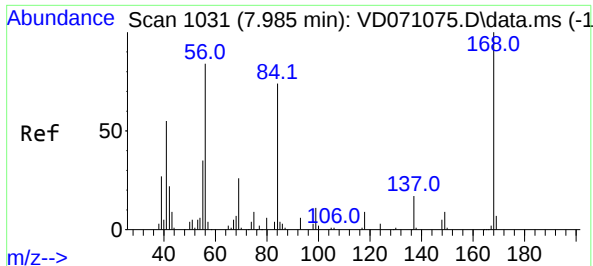
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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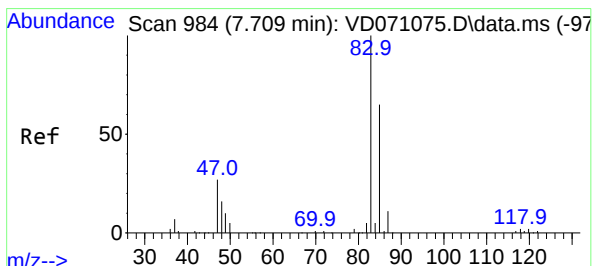
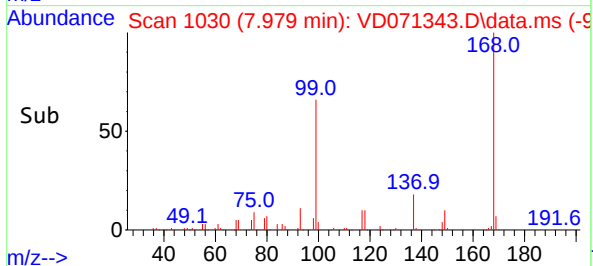
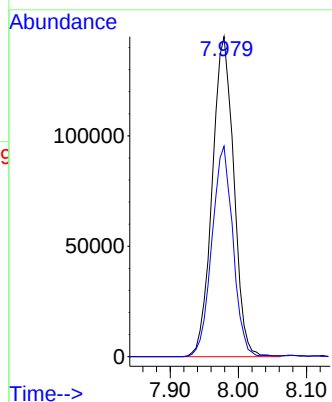
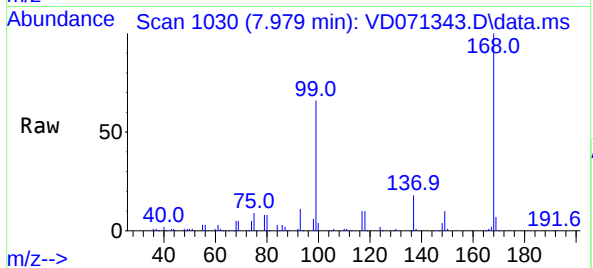




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

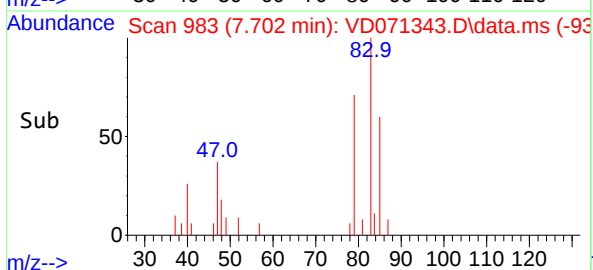
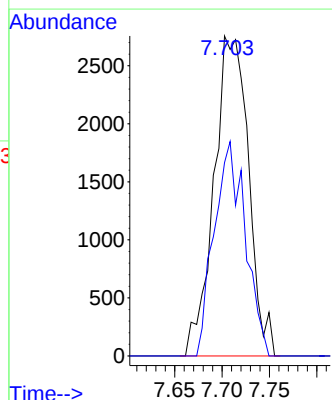
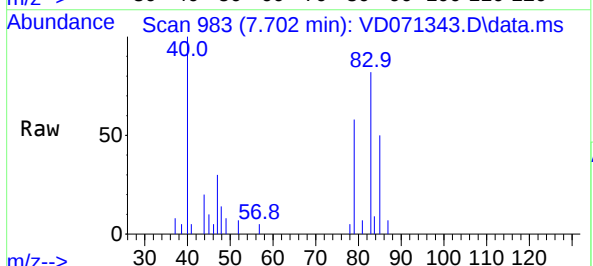
Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1(65-77.7)

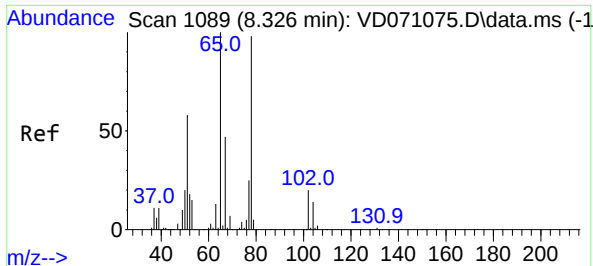
Tgt Ion:168 Resp: 318918
Ion Ratio Lower Upper
168 100
99 65.8 46.6 69.8



#30
Chloroform
Concen: 1.076 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

Tgt Ion: 83 Resp: 6998
Ion Ratio Lower Upper
83 100
85 60.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 42.756 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071343.D

Acq: 15 Dec 2021 15:28

Instrument :

MSVOA_D

ClientSampleId :

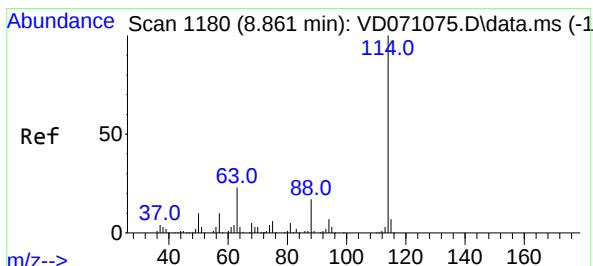
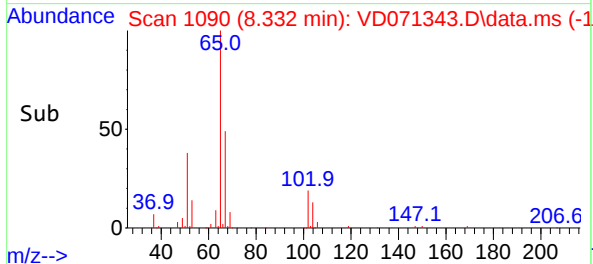
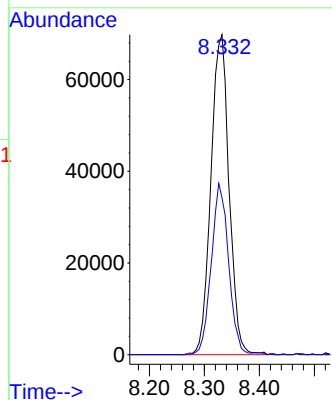
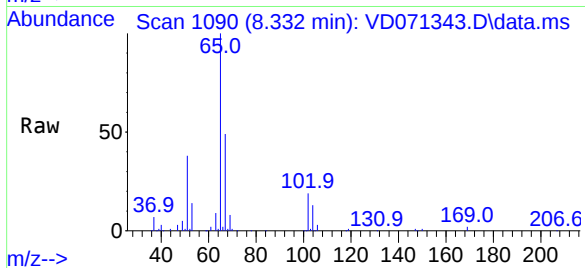
SASP2-121-1(65-77.7)

Tgt Ion: 65 Resp: 159997

Ion Ratio Lower Upper

65 100

67 51.0 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071343.D

Acq: 15 Dec 2021 15:28

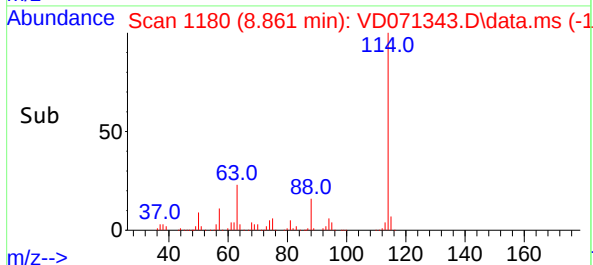
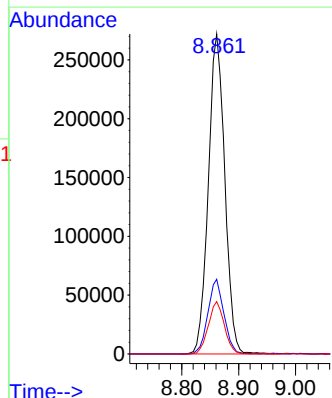
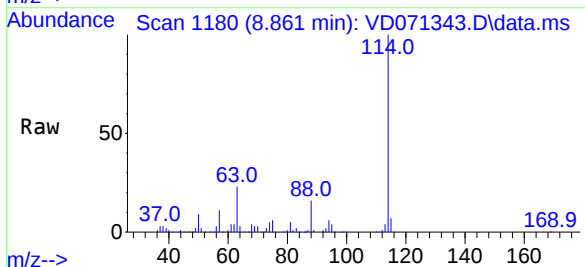
Tgt Ion: 114 Resp: 545858

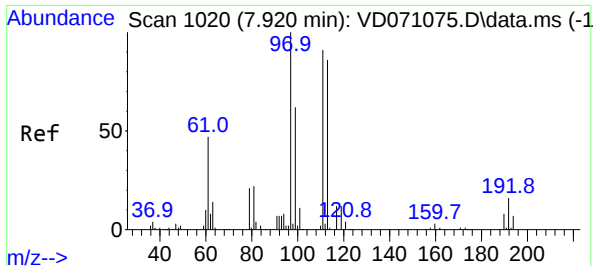
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 16.4 0.0 32.8

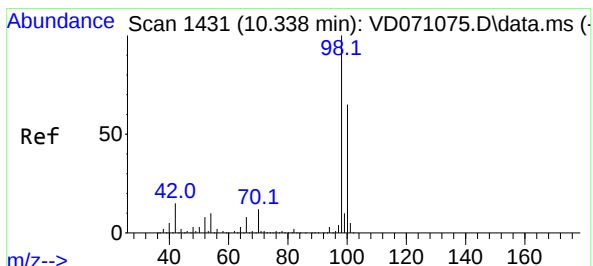
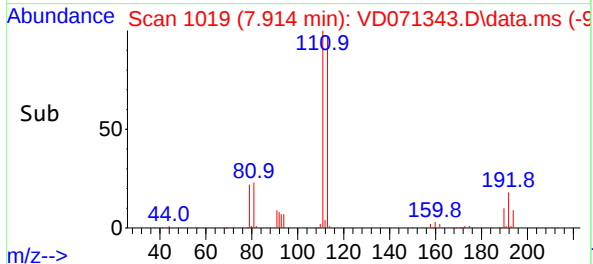
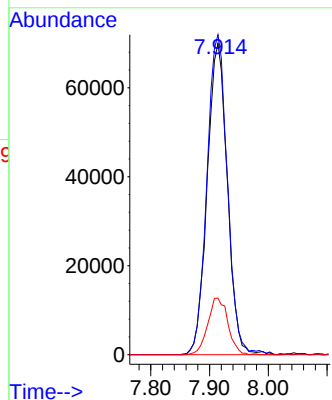
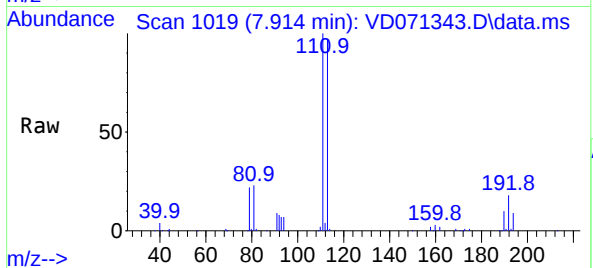




#35
Dibromofluoromethane
Concen: 48.093 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

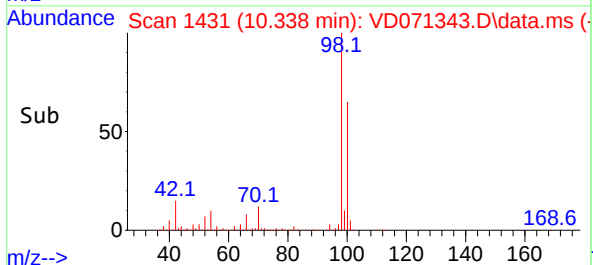
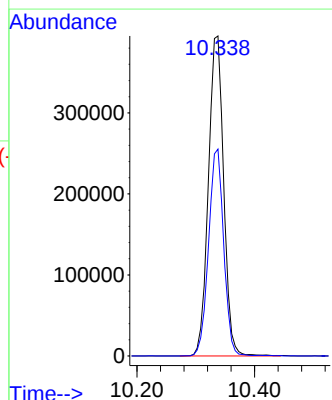
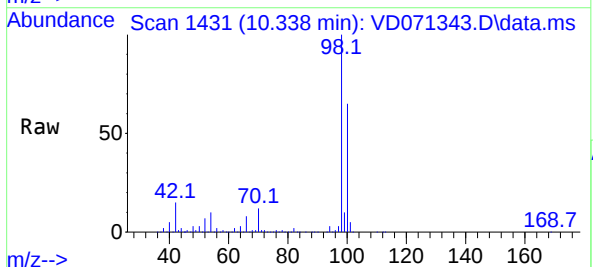
Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1(65-77.7)

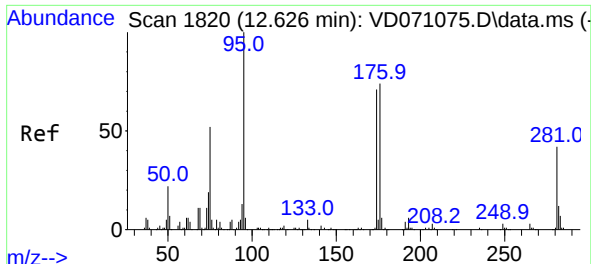
Tgt Ion:113 Resp: 167168
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 18.2 15.2 22.8



#50
Toluene-d8
Concen: 53.937 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

Tgt Ion: 98 Resp: 713472
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

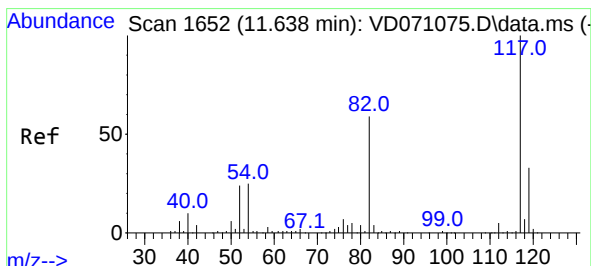
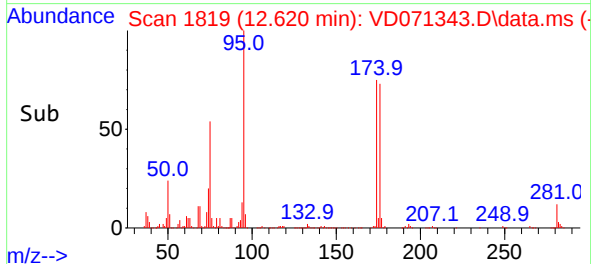
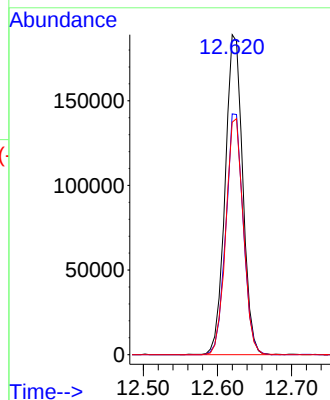
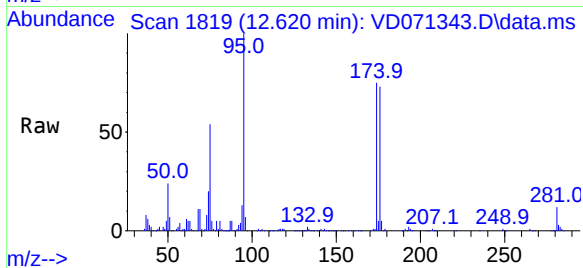




#62
4-Bromofluorobenzene
Concen: 67.793 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

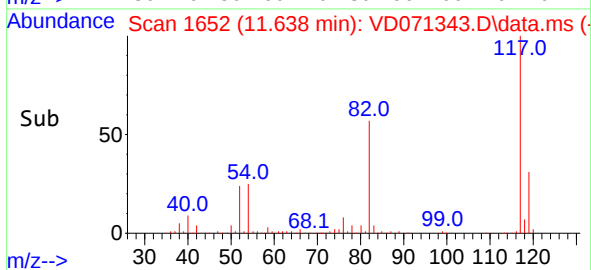
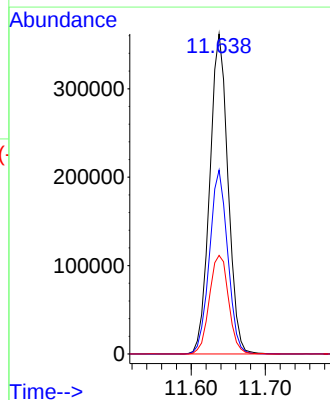
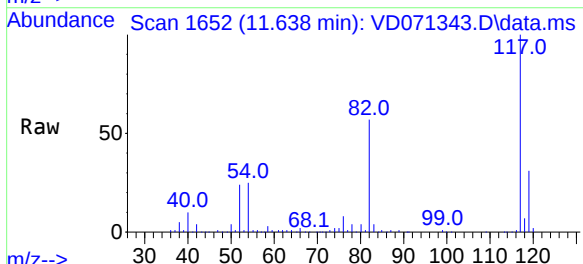
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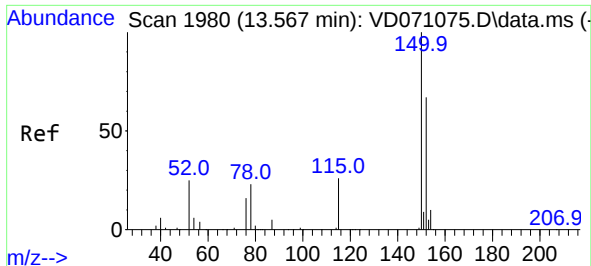
Tgt Ion: 95 Resp: 310847
Ion Ratio Lower Upper
95 100
174 74.2 0.0 159.4
176 73.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

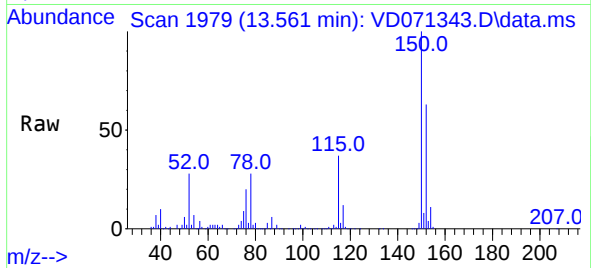
Tgt Ion: 117 Resp: 618705
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 30.8 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071343.D
Acq: 15 Dec 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1(65-77.7)



Tgt Ion:152 Resp: 308596
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 156.7 0.0 349.2

