

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071293.D
 Acq On : 13 Dec 2021 13:39
 Operator : VA/SY
 Sample : M5033-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121021

Quant Time: Dec 14 08:13:33 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)

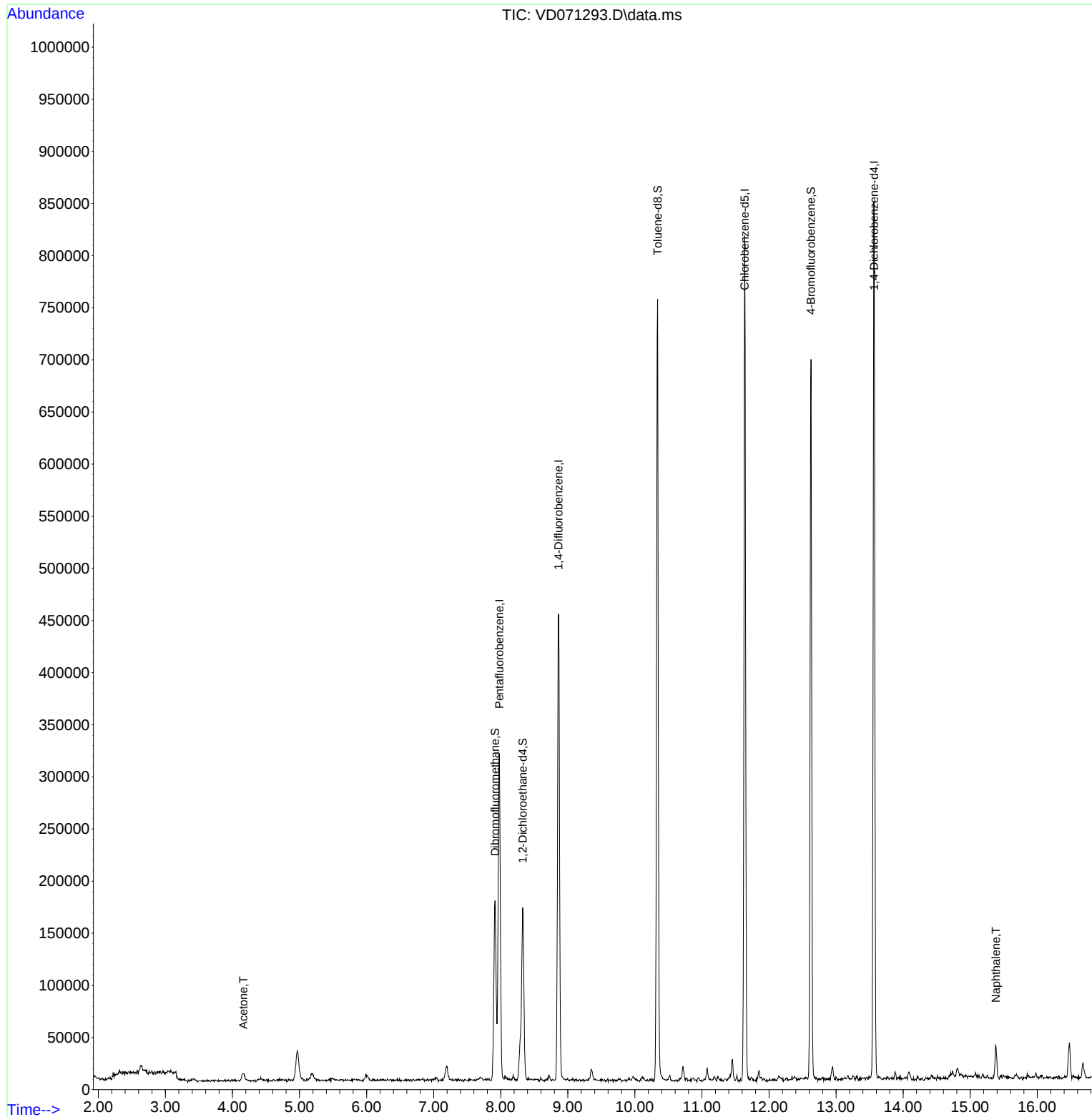
Internal Standards						
1) Pentafluorobenzene	7.979	168	215791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	365351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	413476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	210793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127124	50.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.420%	
35) Dibromofluoromethane	7.914	113	118880	51.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.200%	
50) Toluene-d8	10.338	98	473693	53.503	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.626	95	207361	67.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 135.140%	
Target Compounds						Qvalue
16) Acetone	4.162	43	13749	48.726	ug/l	# 81
95) Naphthalene	15.385	128	23796	3.867	ug/l	95

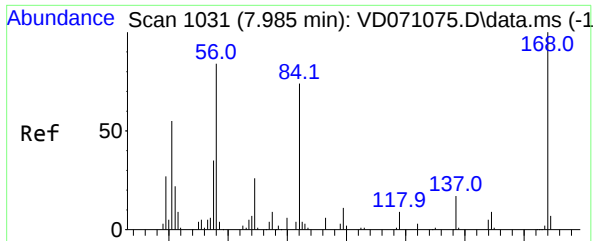
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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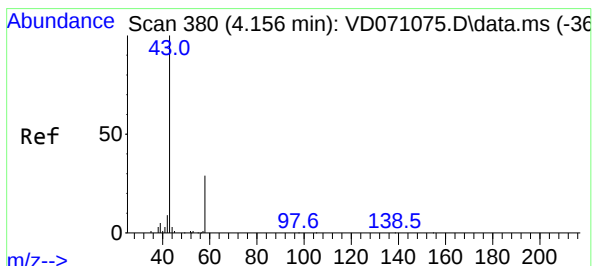
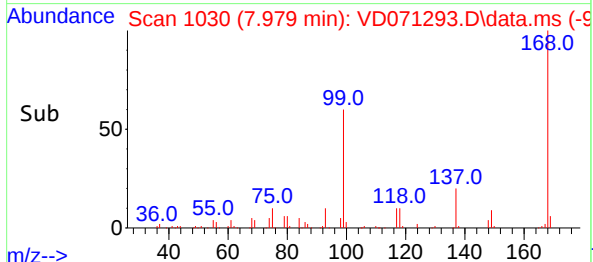
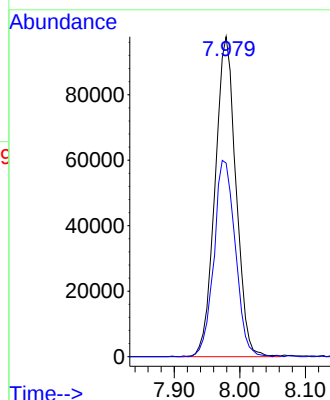
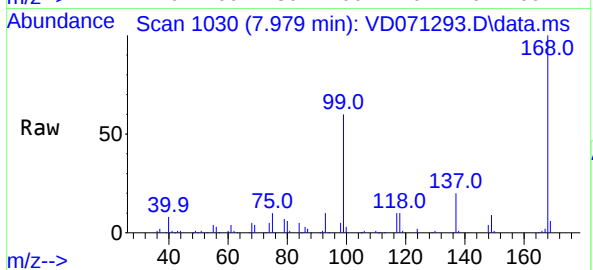




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

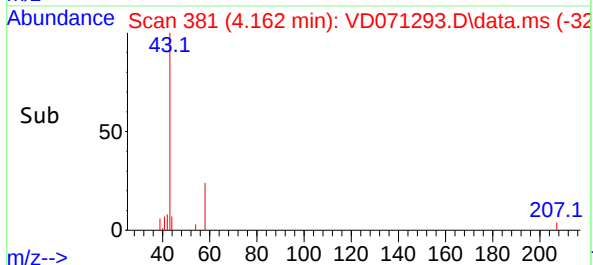
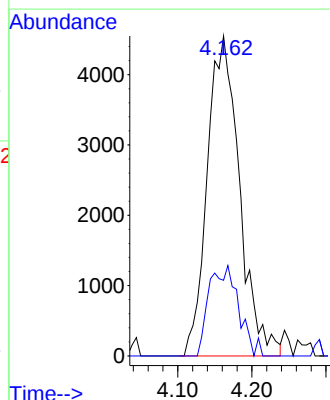
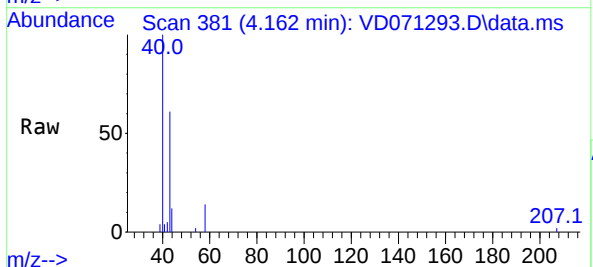
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121021

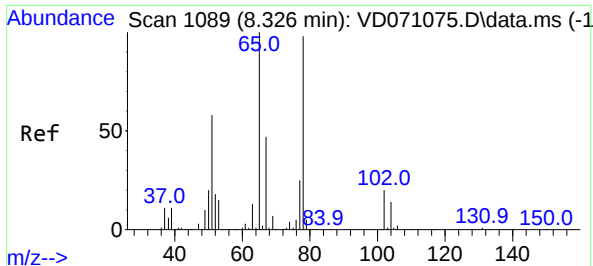
Tgt Ion:168 Resp: 215791
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#16
Acetone
Concen: 48.726 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

Tgt Ion: 43 Resp: 13749
Ion Ratio Lower Upper
43 100
58 23.6 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 50.206 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071293.D

Acq: 13 Dec 2021 13:39

Instrument :

MSVOA_D

ClientSampleId :

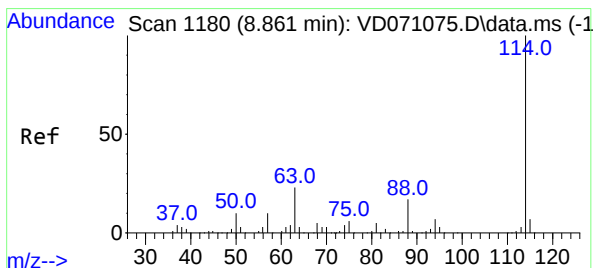
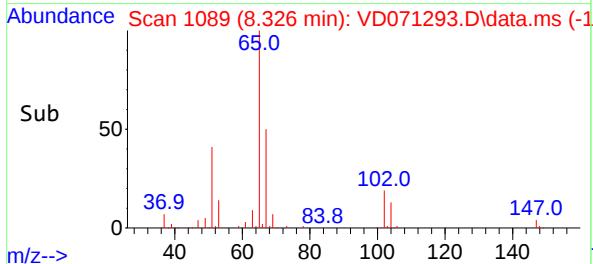
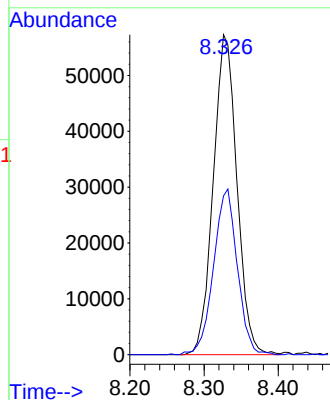
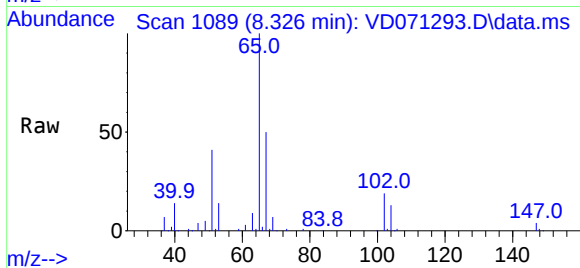
CL-01-121021

Tgt Ion: 65 Resp: 127124

Ion Ratio Lower Upper

65 100

67 52.0 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: VD071293.D

Acq: 13 Dec 2021 13:39

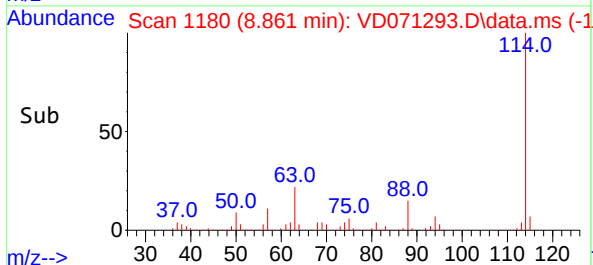
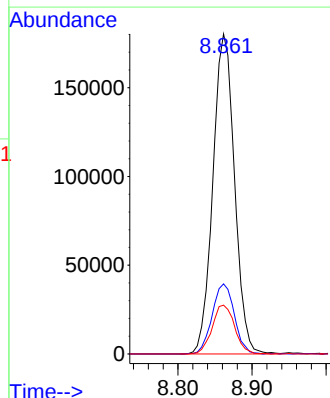
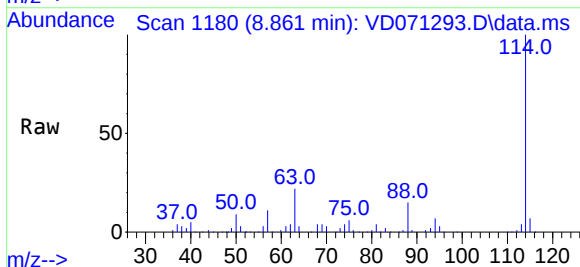
Tgt Ion: 114 Resp: 365351

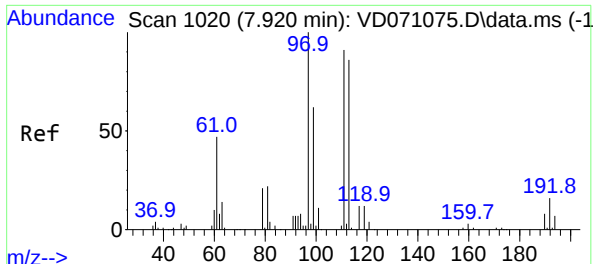
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.2 0.0 32.8

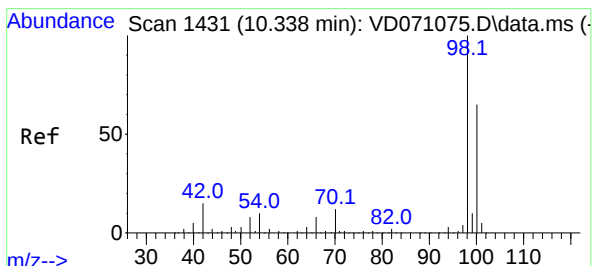
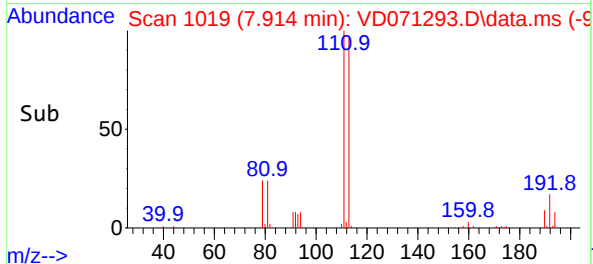
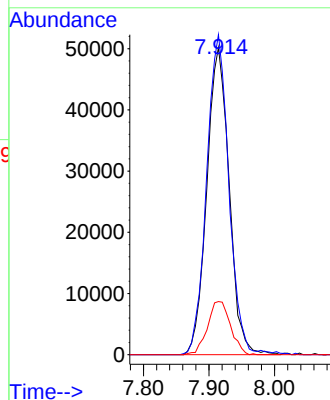
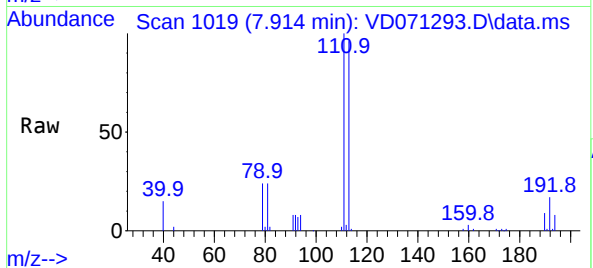




#35
Dibromofluoromethane
Concen: 51.098 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

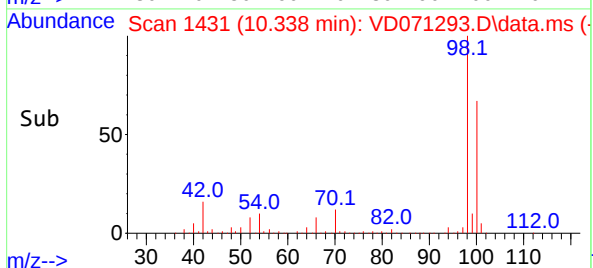
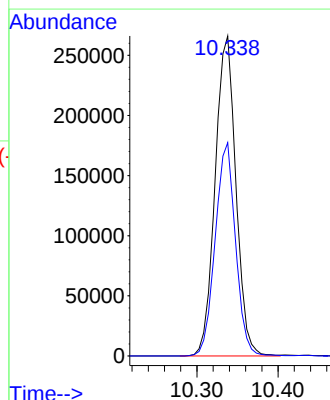
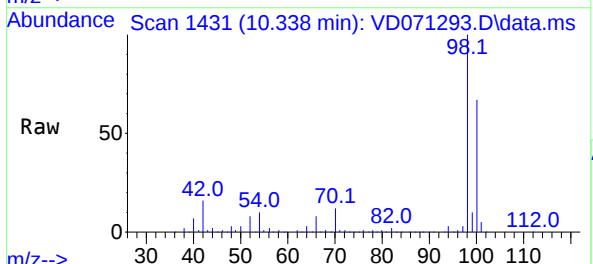
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121021

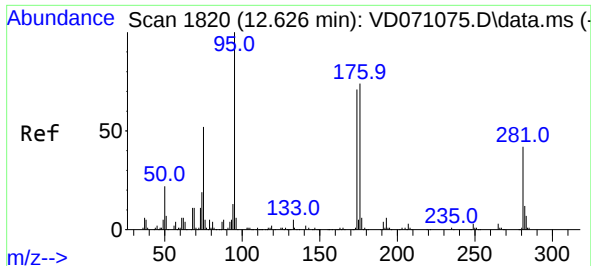
Tgt Ion:113 Resp: 118880
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 17.8 15.2 22.8



#50
Toluene-d8
Concen: 53.503 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

Tgt Ion: 98 Resp: 473693
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

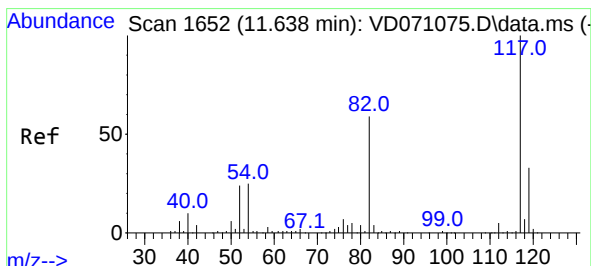
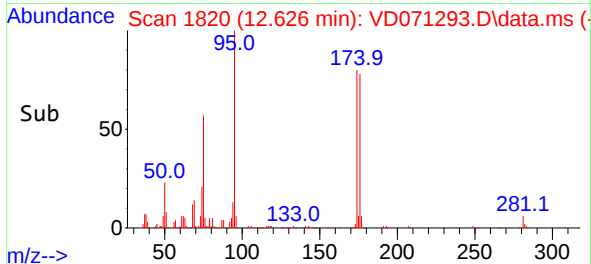
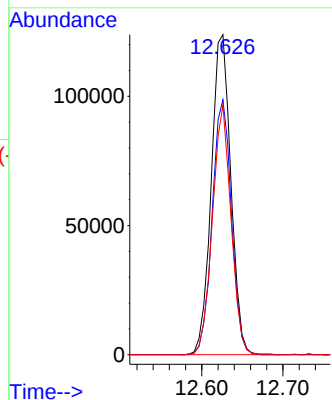
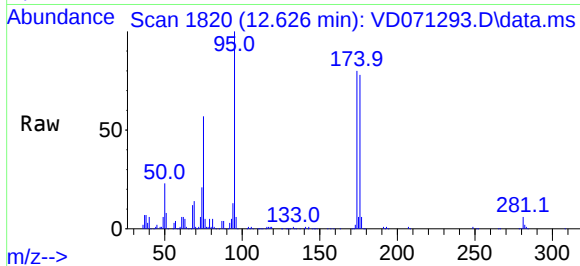




#62
4-Bromofluorobenzene
Concen: 67.567 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

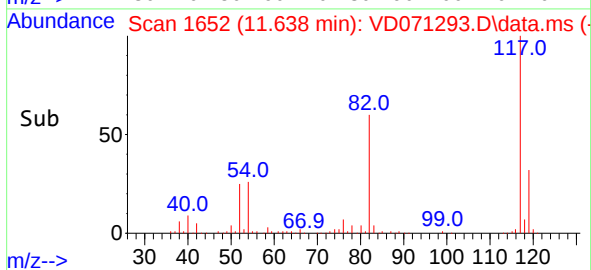
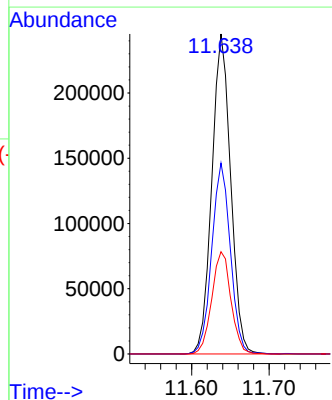
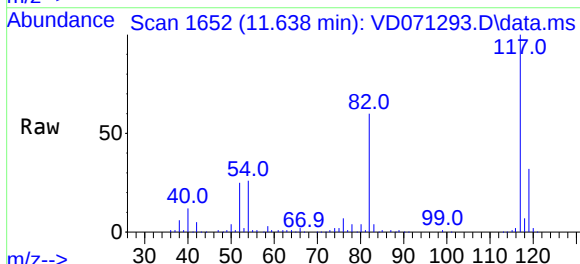
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121021

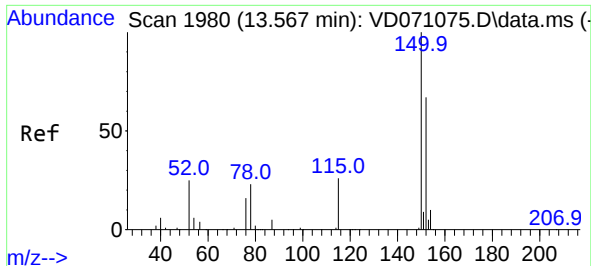
Tgt Ion: 95 Resp: 207361
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 73.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

Tgt Ion: 117 Resp: 413476
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 32.0 26.2 39.4

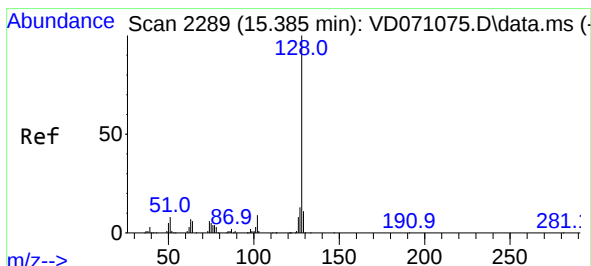
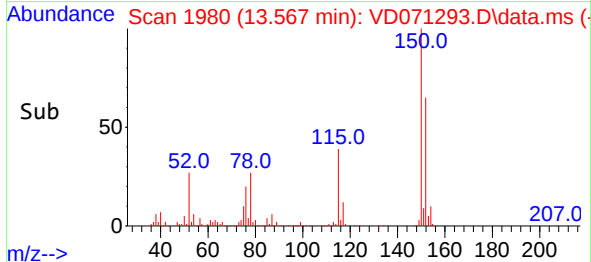
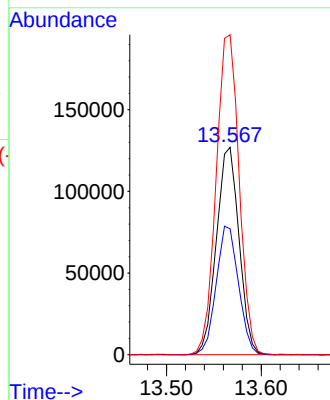
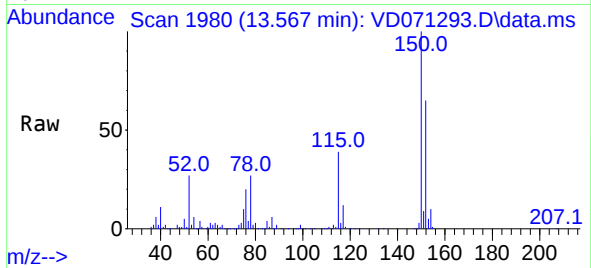




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

Instrument :
MSVOA_D
ClientSampleId :
CL-01-121021

Tgt Ion:152 Resp: 210793
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 156.9 0.0 349.2



#95
Naphthalene
Concen: 3.867 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071293.D
Acq: 13 Dec 2021 13:39

Tgt Ion:128 Resp: 23796
Ion Ratio Lower Upper
128 100
127 15.7 10.7 16.1
129 12.7 8.7 13.1

