

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073715.D
 Acq On : 25 Jun 2022 17:58
 Operator : VA/SY
 Sample : N3455-11
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2

Quant Time: Jun 27 09:40:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

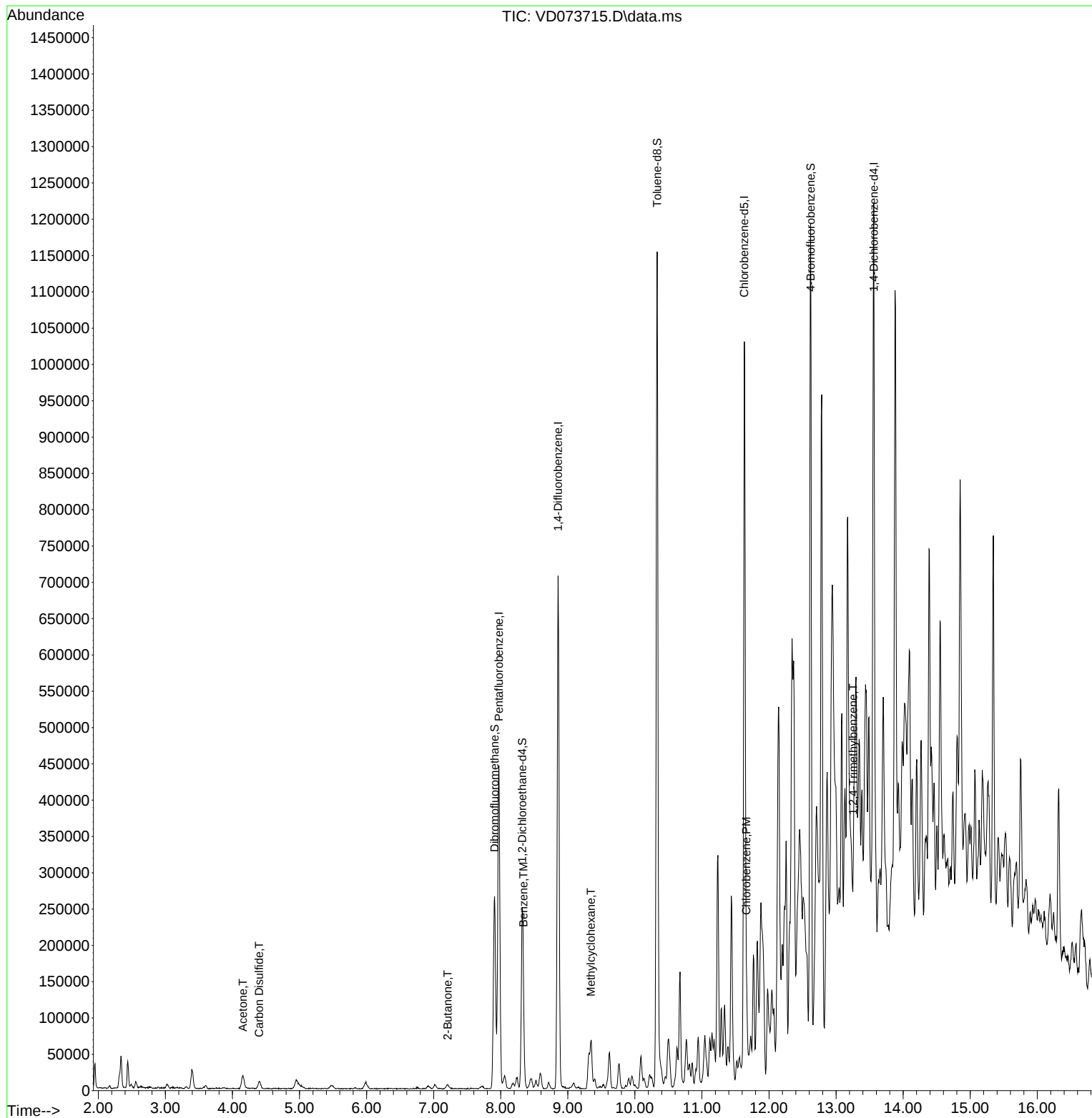
Internal Standards						
1) Pentafluorobenzene	7.973	168	321840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	607849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	586068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	194041	49.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.180%
35) Dibromofluoromethane	7.909	113	196747	41.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.100%
50) Toluene-d8	10.332	98	747431	43.962	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.920%
62) 4-Bromofluorobenzene	12.620	95	283382	44.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.880%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	31227	42.871	ug/l	93
17) Carbon Disulfide	4.397	76	22172	2.657	ug/l #	89
25) 2-Butanone	7.209	43	8511	8.544	ug/l	93
39) Methylcyclohexane	9.344	83	28361	3.843	ug/l	94
40) Benzene	8.338	78	23517	1.222	ug/l	97
65) Chlorobenzene	11.661	112	38225	2.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	21040	1.102	ug/l	86

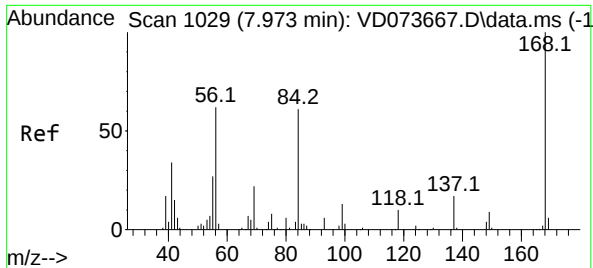
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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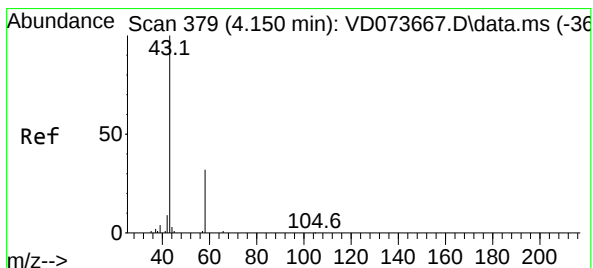
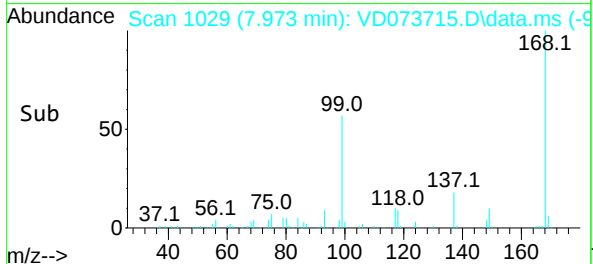
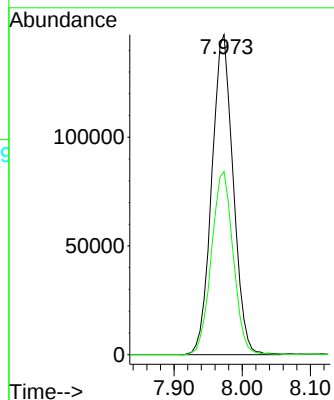
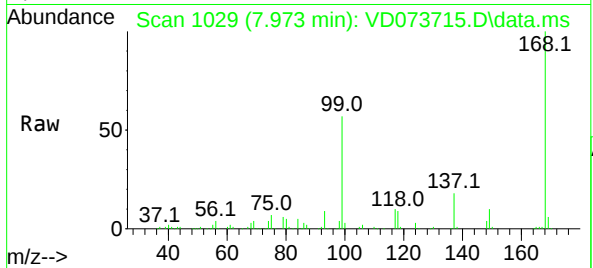




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

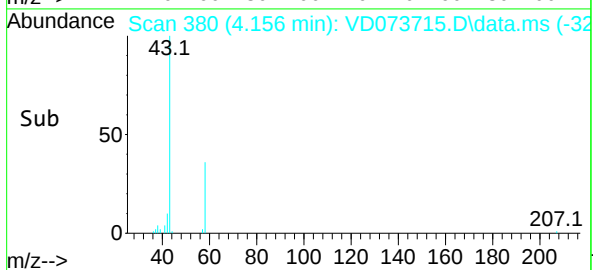
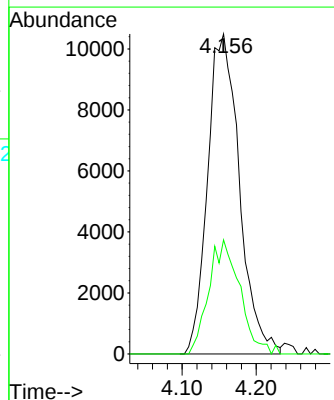
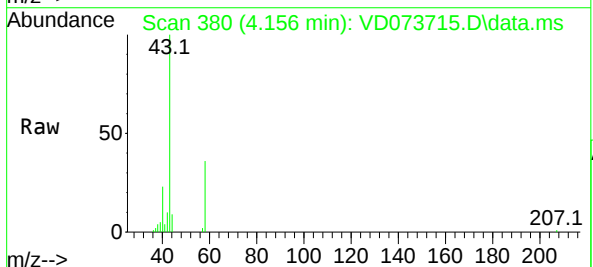
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2

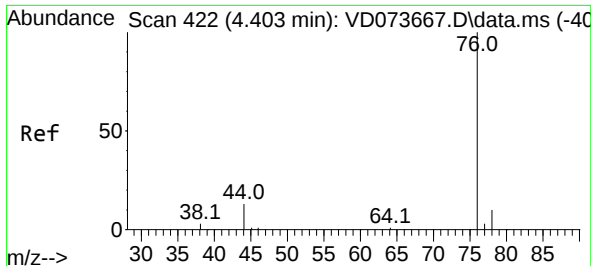
Tgt Ion:168 Resp: 321840
Ion Ratio Lower Upper
168 100
99 57.3 46.4 69.6



#16
Acetone
Concen: 42.871 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

Tgt Ion: 43 Resp: 31227
Ion Ratio Lower Upper
43 100
58 35.6 25.2 37.8

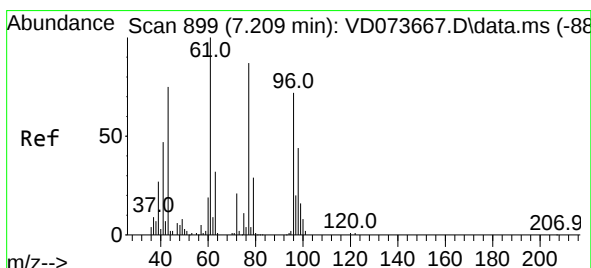
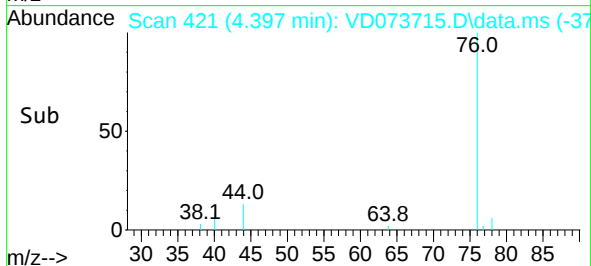
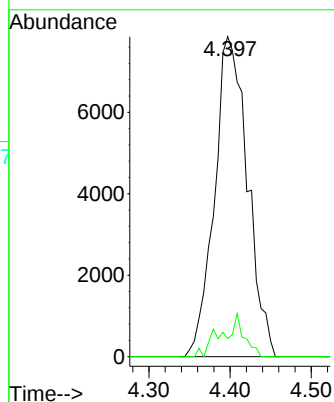
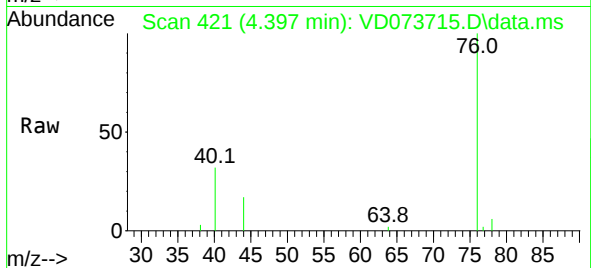




#17
Carbon Disulfide
Concen: 2.657 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

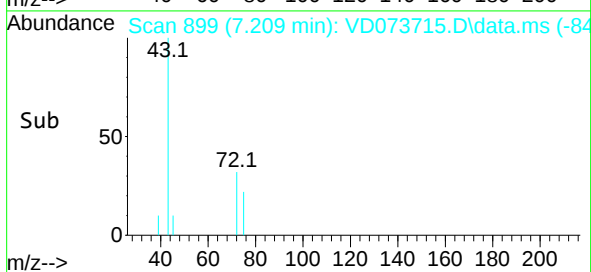
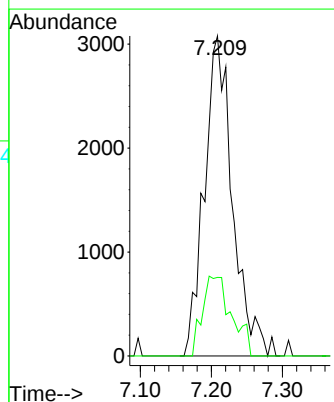
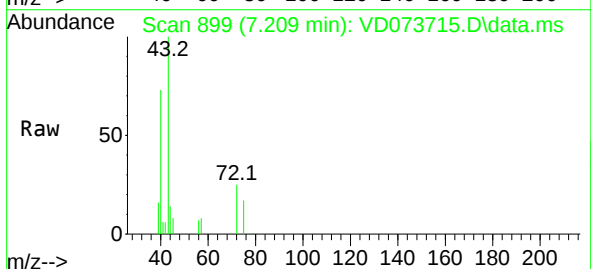
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2

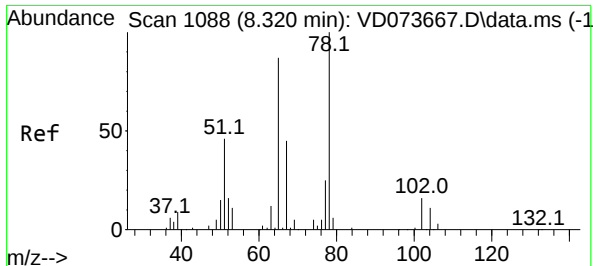
Tgt Ion: 76 Resp: 22172
Ion Ratio Lower Upper
76 100
78 5.7 7.7 11.5#



#25
2-Butanone
Concen: 8.544 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

Tgt Ion: 43 Resp: 8511
Ion Ratio Lower Upper
43 100
72 24.6 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 49.088 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073715.D

Acq: 25 Jun 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

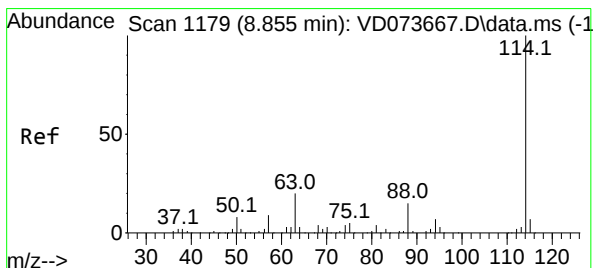
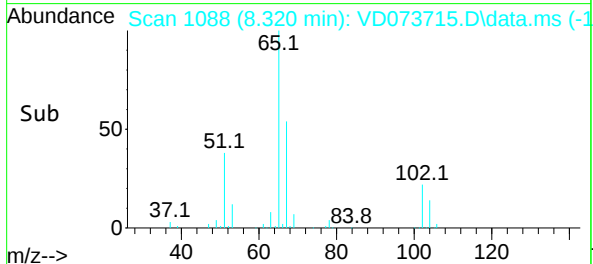
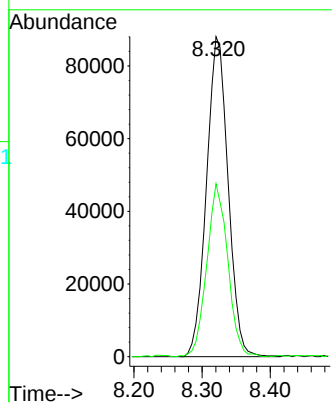
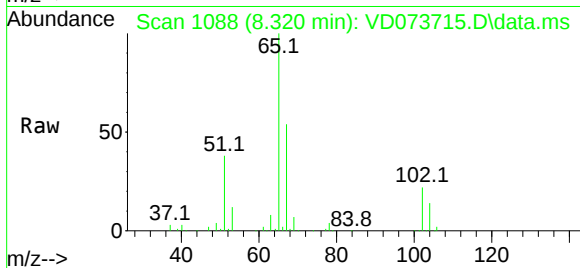
SP-EXC-2-2

Tgt Ion: 65 Resp: 194041

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073715.D

Acq: 25 Jun 2022 17:58

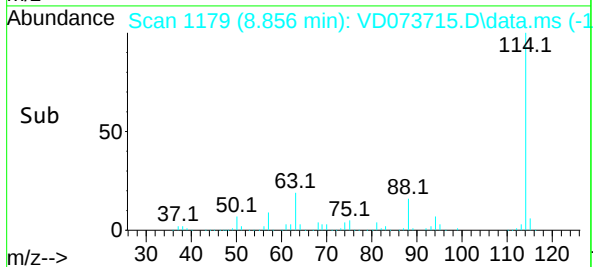
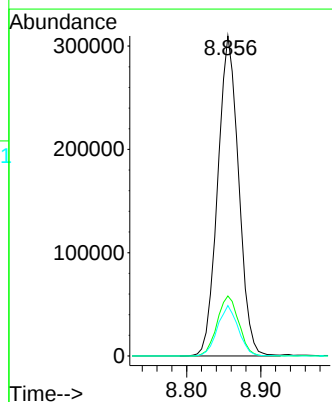
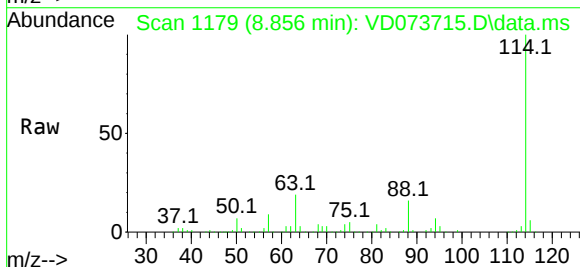
Tgt Ion: 114 Resp: 607849

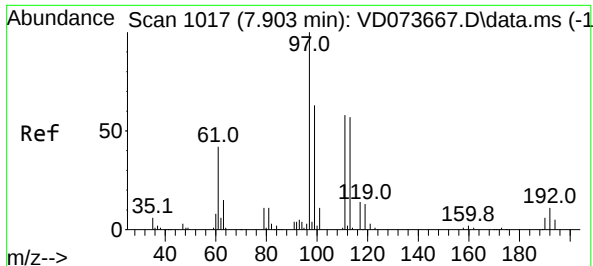
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

88 15.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 41.550 ug/l

RT: 7.909 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073715.D

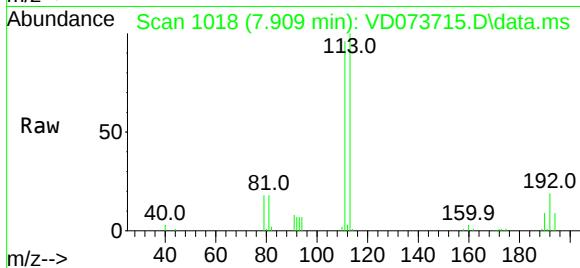
Acq: 25 Jun 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-2



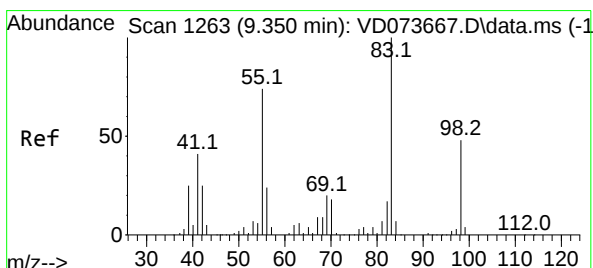
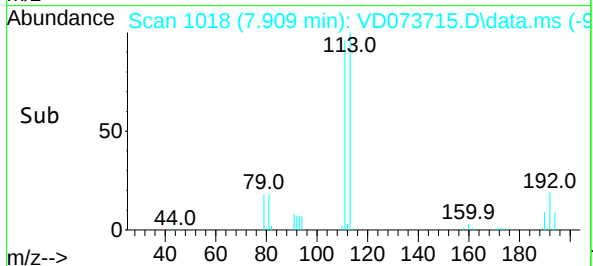
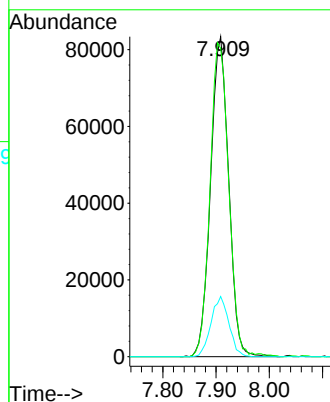
Tgt Ion:113 Resp: 196747

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

192 18.6 14.8 22.2



#39

Methylcyclohexane

Concen: 3.843 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. -0.006 min

Lab File: VD073715.D

Acq: 25 Jun 2022 17:58

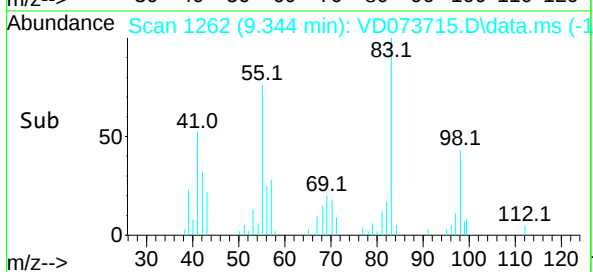
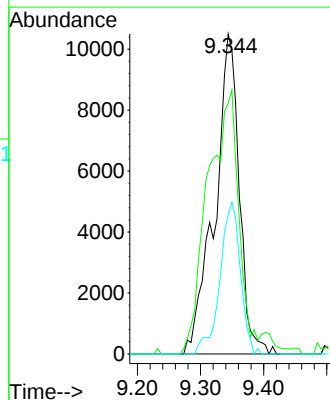
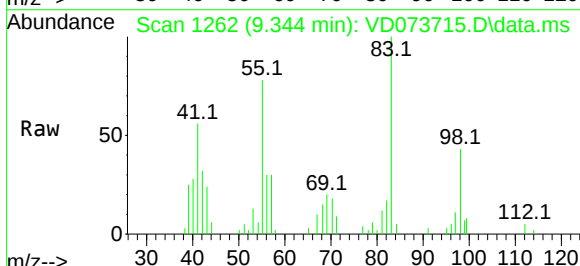
Tgt Ion: 83 Resp: 28361

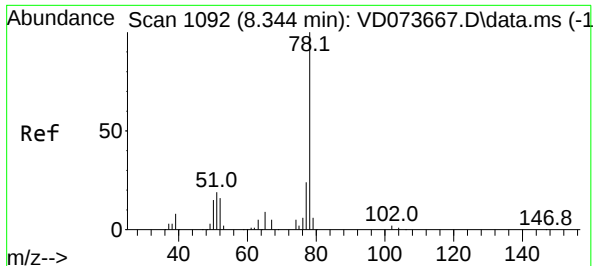
Ion Ratio Lower Upper

83 100

55 78.3 59.0 88.4

98 43.4 38.3 57.5

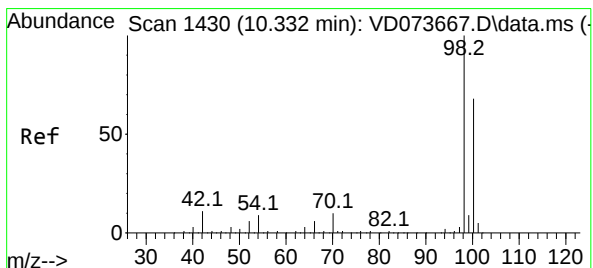
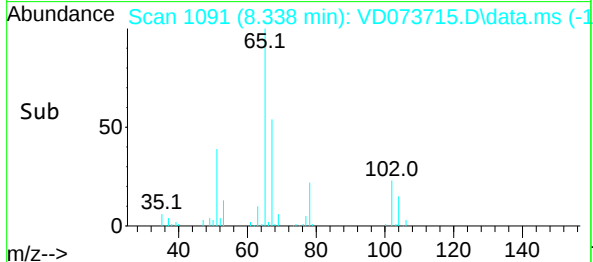
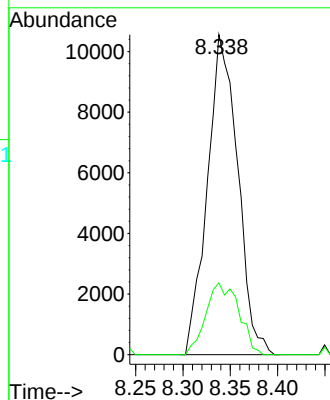
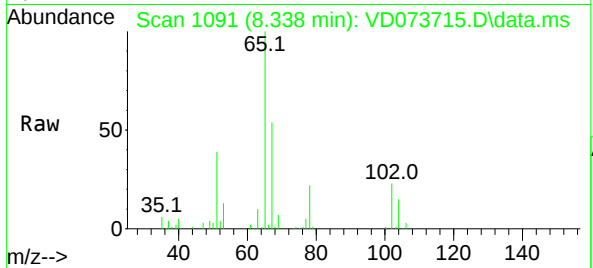




#40
Benzene
Concen: 1.222 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

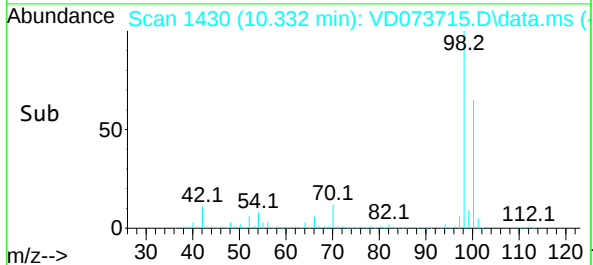
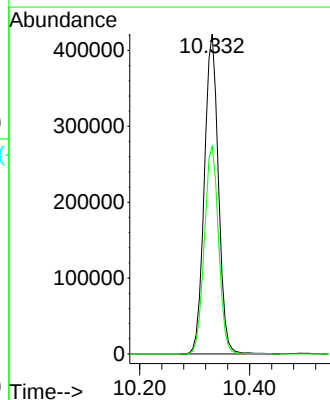
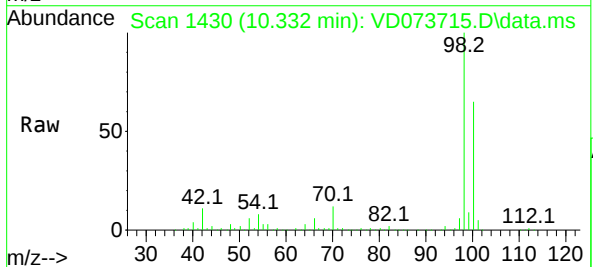
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2

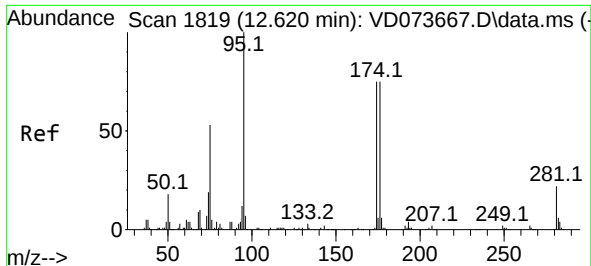
Tgt Ion: 78 Resp: 23517
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4



#50
Toluene-d8
Concen: 43.962 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

Tgt Ion: 98 Resp: 747431
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0

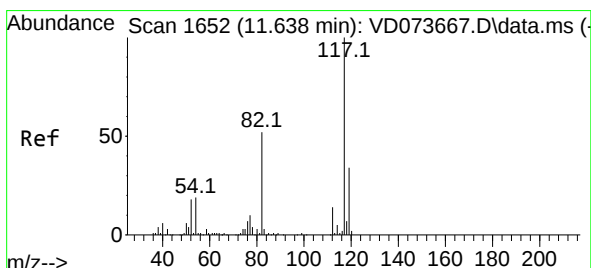
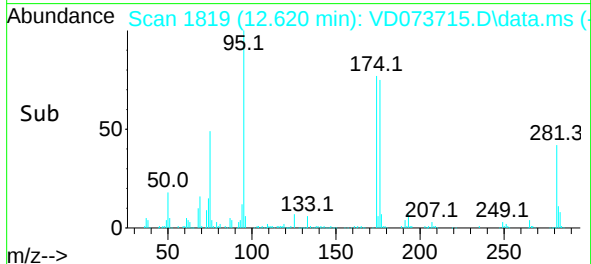
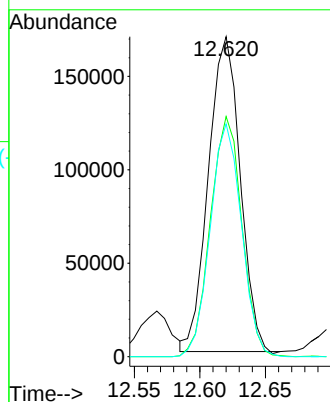
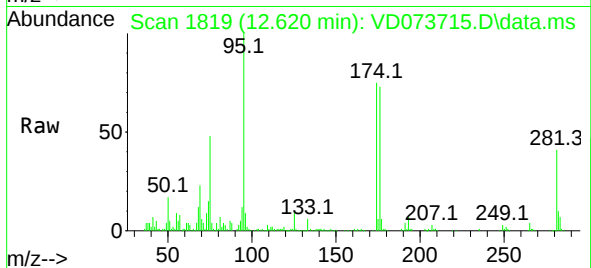




#62
4-Bromofluorobenzene
Concen: 44.440 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

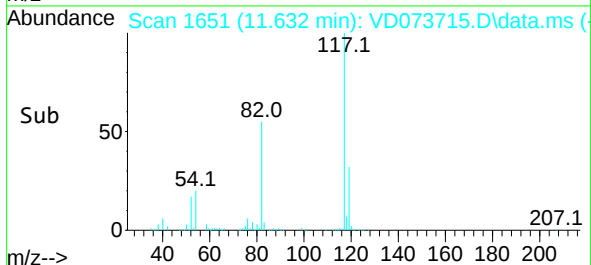
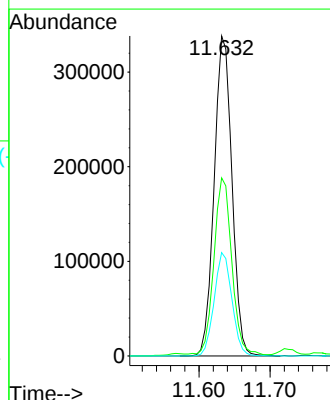
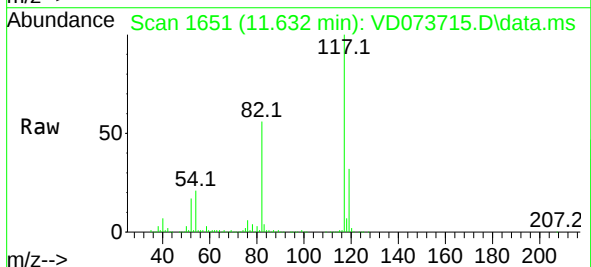
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2

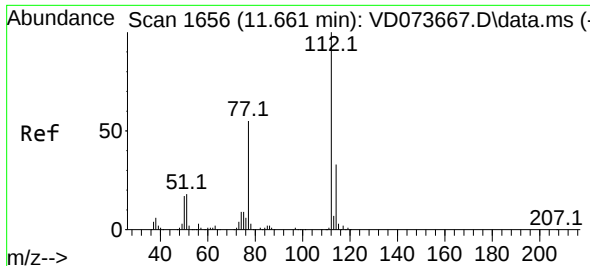
Tgt Ion: 95 Resp: 283382
Ion Ratio Lower Upper
95 100
174 75.6 0.0 158.4
176 72.8 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

Tgt Ion: 117 Resp: 586068
Ion Ratio Lower Upper
117 100
82 54.9 41.5 62.3
119 32.3 27.1 40.7

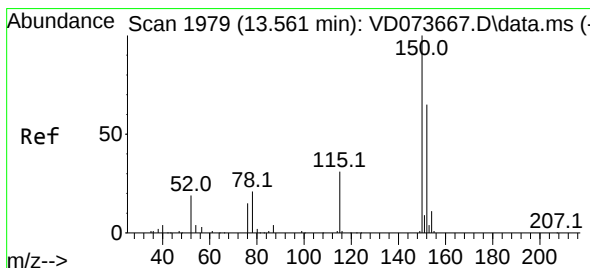
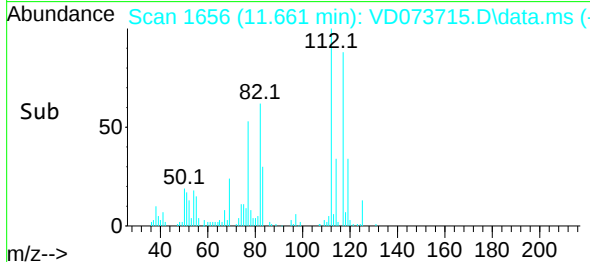
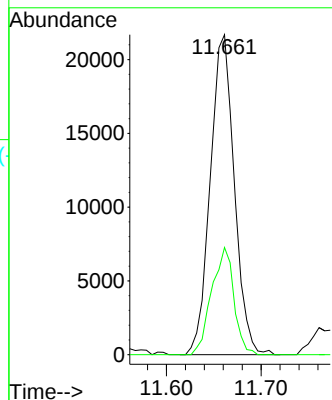
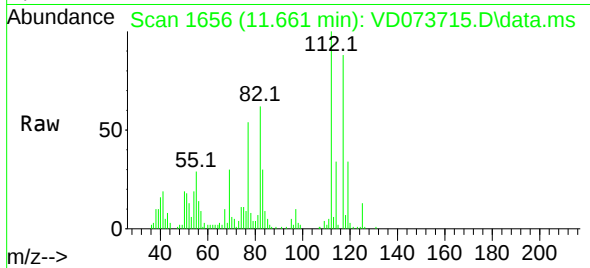




#65
Chlorobenzene
Concen: 2.665 ug/l
RT: 11.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

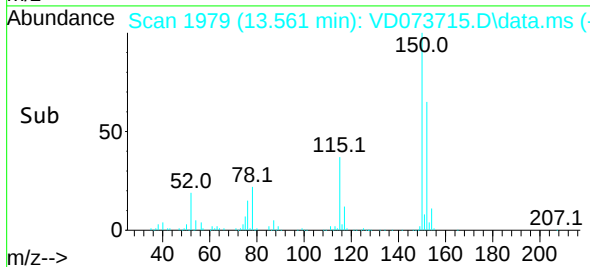
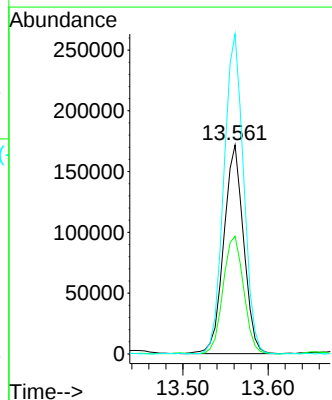
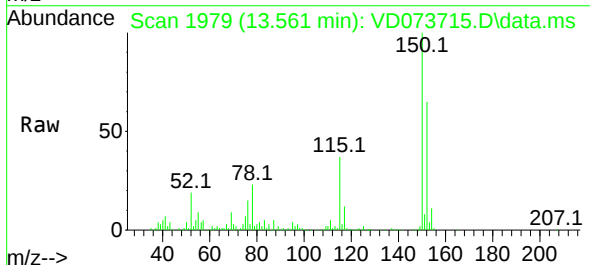
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2

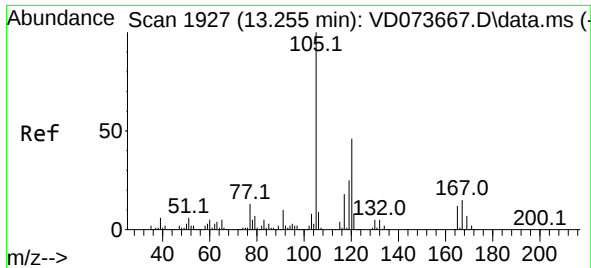
Tgt Ion:112 Resp: 38225
Ion Ratio Lower Upper
112 100
114 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073715.D
Acq: 25 Jun 2022 17:58

Tgt Ion:152 Resp: 277639
Ion Ratio Lower Upper
152 100
115 58.1 30.6 91.6
150 152.3 0.0 355.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.102 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073715.D
 Acq: 25 Jun 2022 17:58

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2

Tgt Ion:105 Resp: 21040
 Ion Ratio Lower Upper
 105 100
 120 36.1 22.6 67.8

