

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073713.D
 Acq On : 25 Jun 2022 16:59
 Operator : VA/SY
 Sample : N3455-01
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-1-GR

Quant Time: Jun 27 09:39:23 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)

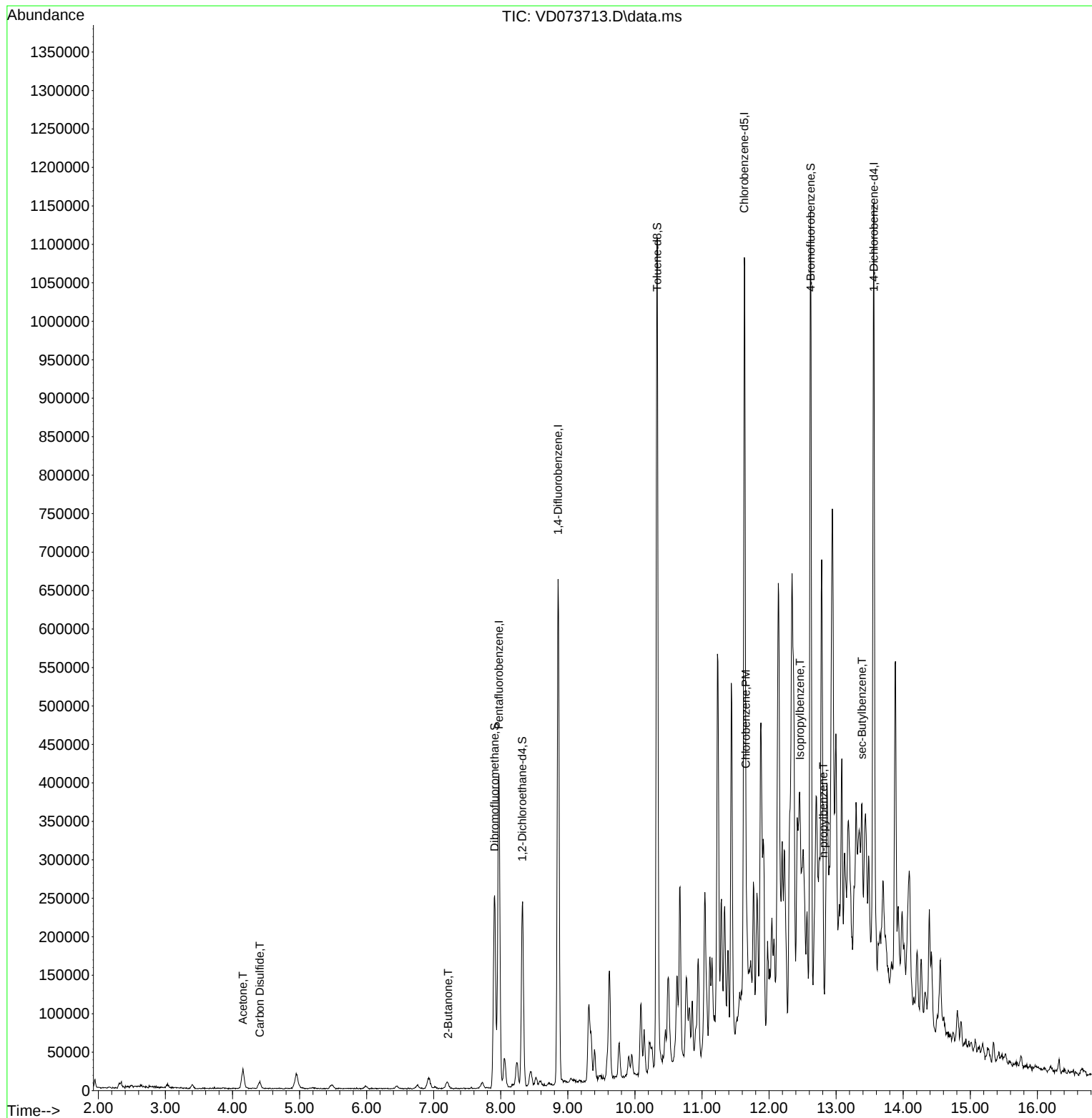
Internal Standards						
1) Pentafluorobenzene	7.973	168	307142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	580477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	576276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	192694	51.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.160%	
35) Dibromofluoromethane	7.908	113	186428	41.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.460%	
50) Toluene-d8	10.332	98	729721	44.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.880%	
62) 4-Bromofluorobenzene	12.620	95	282156	46.334	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.660%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	43504	66.146	ug/l	96
17) Carbon Disulfide	4.408	76	17849	2.241	ug/l	97
25) 2-Butanone	7.214	43	8152	8.575	ug/l #	63
65) Chlorobenzene	11.655	112	20225	1.434	ug/l	99
73) Isopropylbenzene	12.461	105	30582	1.392	ug/l	100
78) n-propylbenzene	12.808	91	30696	1.143	ug/l	91
85) sec-Butylbenzene	13.384	105	42779	1.757	ug/l #	61

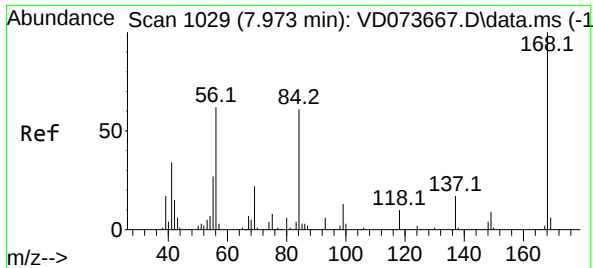
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
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Misc : 6.33G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-1-GR

Quant Time: Jun 27 09:39:23 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

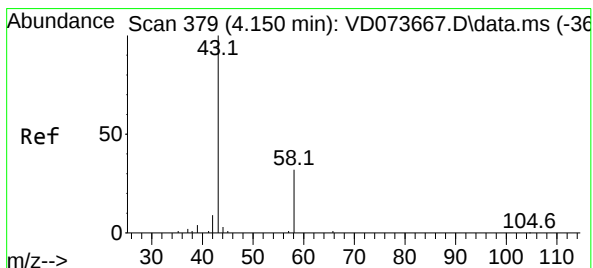
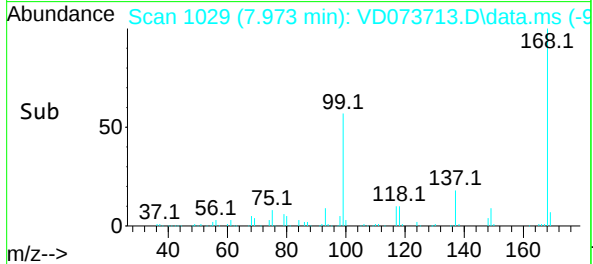
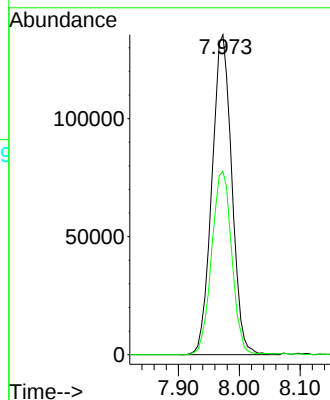
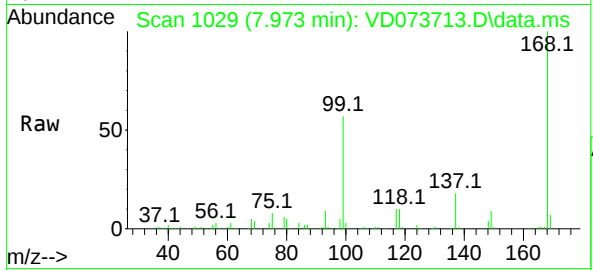




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

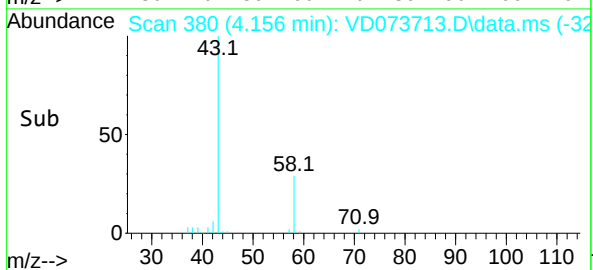
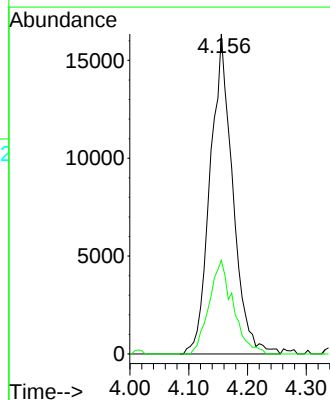
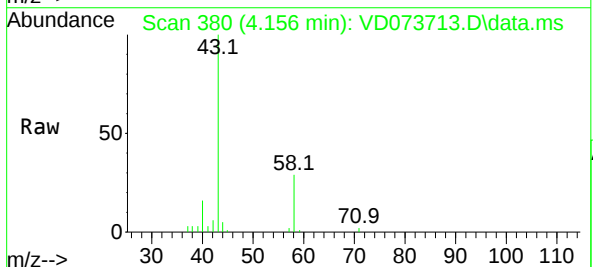
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-1-GR

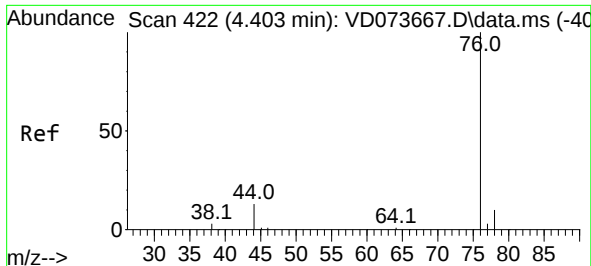
Tgt Ion:168 Resp: 307142
Ion Ratio Lower Upper
168 100
99 57.2 46.4 69.6



#16
Acetone
Concen: 66.146 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

Tgt Ion: 43 Resp: 43504
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8

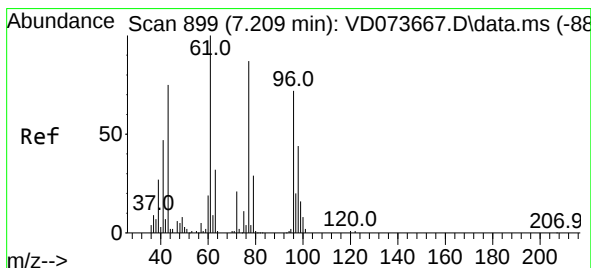
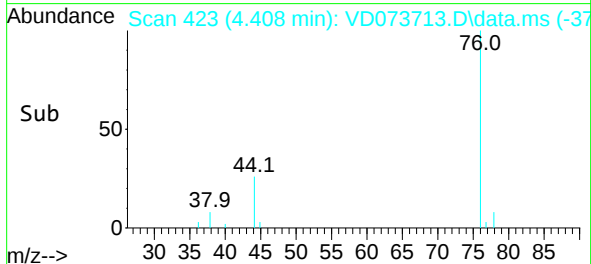
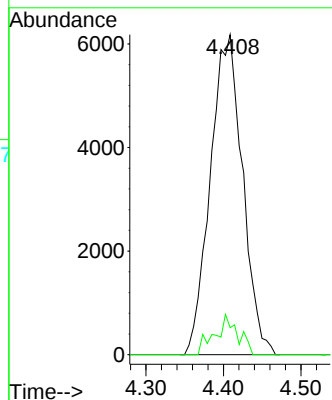
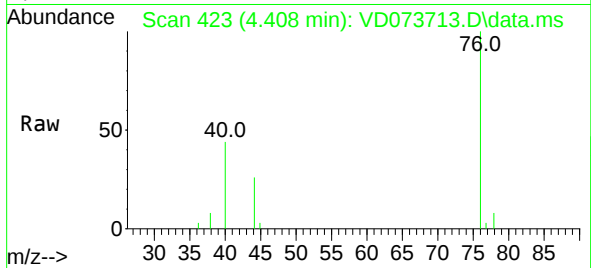




#17
Carbon Disulfide
Concen: 2.241 ug/l
RT: 4.408 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

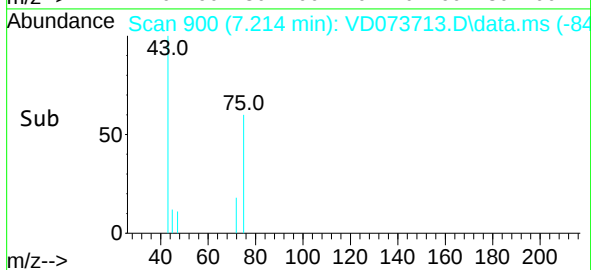
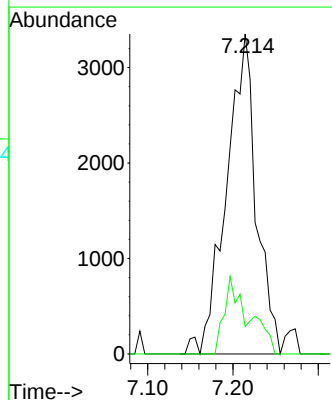
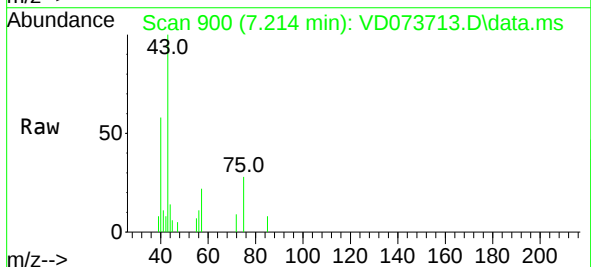
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-1-GR

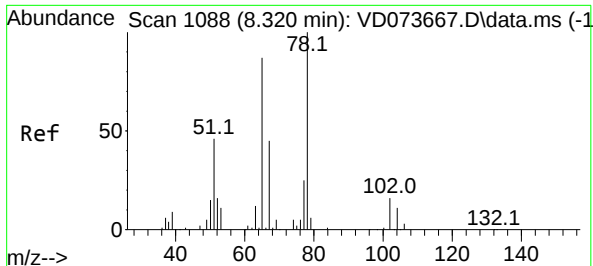
Tgt Ion: 76 Resp: 17849
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5



#25
2-Butanone
Concen: 8.575 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

Tgt Ion: 43 Resp: 8152
Ion Ratio Lower Upper
43 100
72 8.6 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 51.080 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073713.D

Acq: 25 Jun 2022 16:59

Instrument :

MSVOA_D

ClientSampleId :

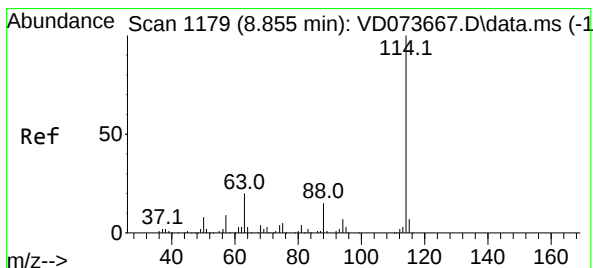
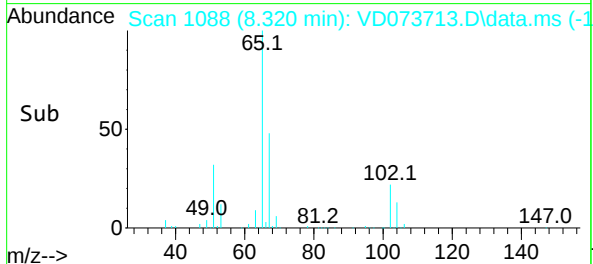
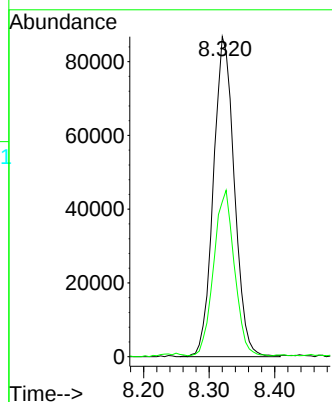
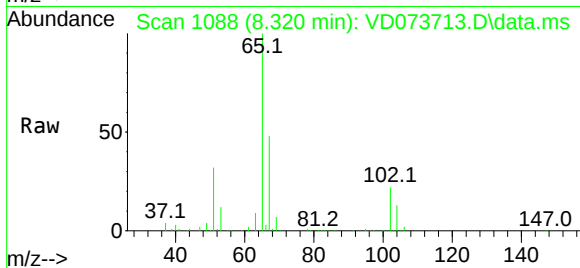
SP-EXC-2-1-GR

Tgt Ion: 65 Resp: 192694

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073713.D

Acq: 25 Jun 2022 16:59

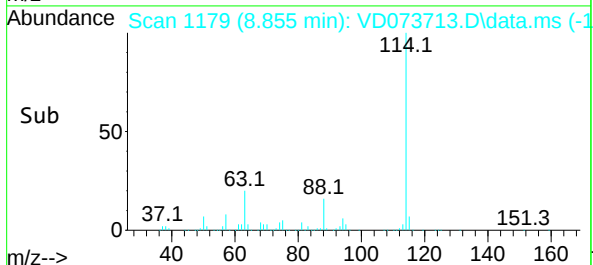
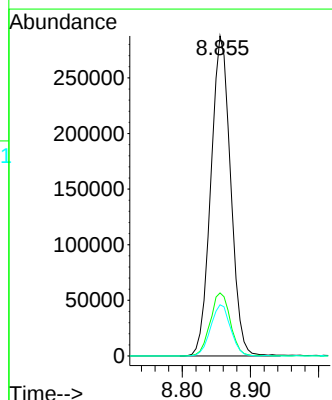
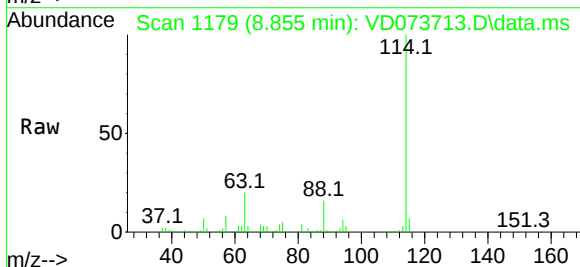
Tgt Ion: 114 Resp: 580477

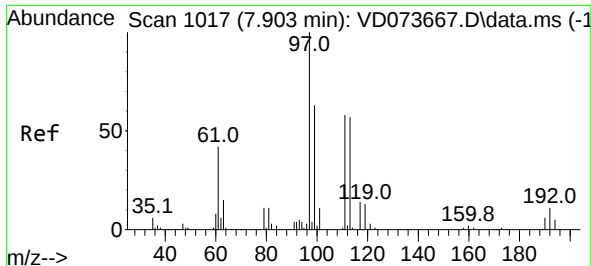
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 16.0 0.0 29.4

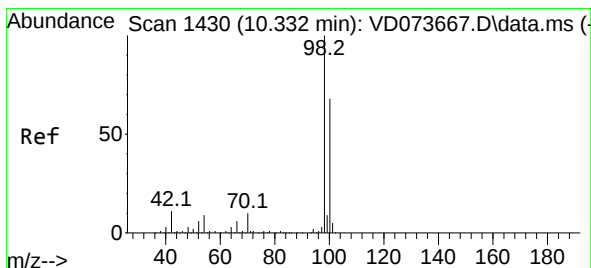
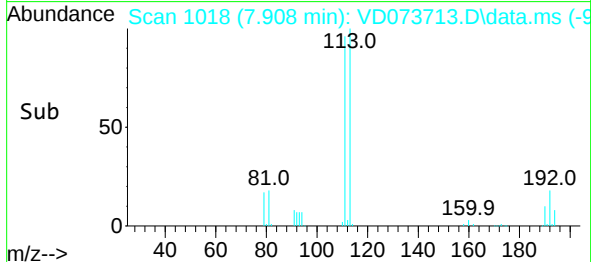
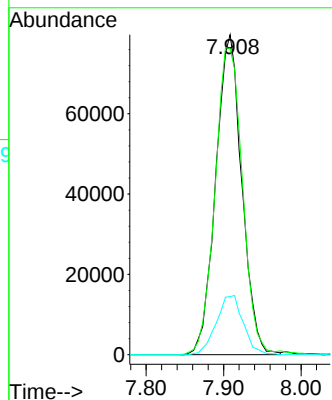
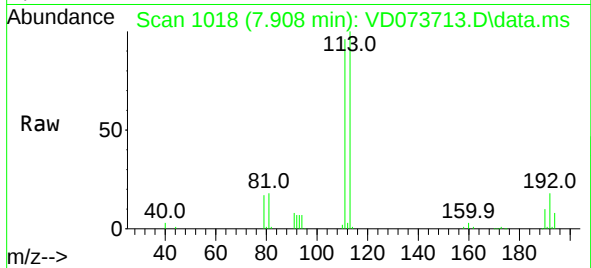




#35
Dibromofluoromethane
Concen: 41.228 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

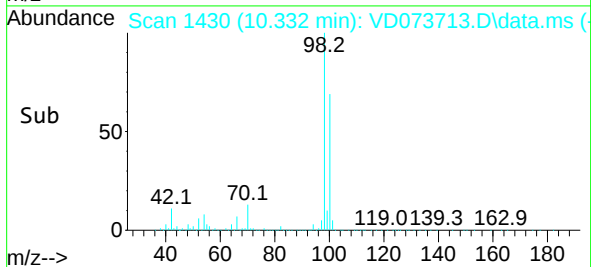
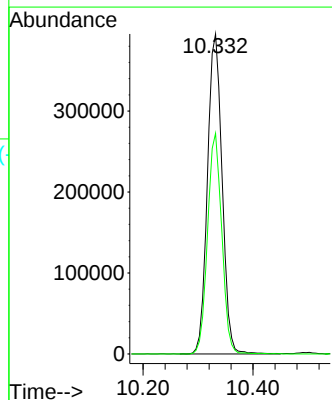
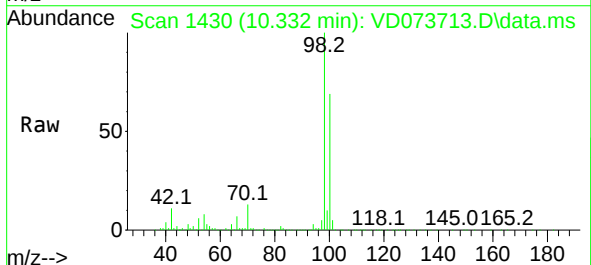
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-1-GR

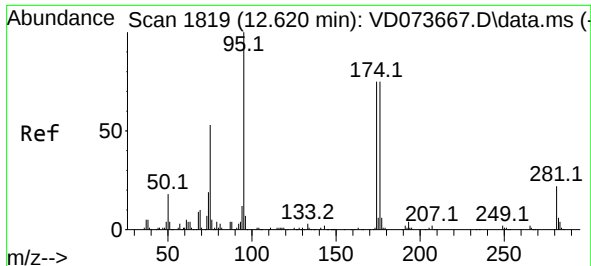
Tgt Ion:113 Resp: 186428
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 19.1 14.8 22.2



#50
Toluene-d8
Concen: 44.944 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

Tgt Ion: 98 Resp: 729721
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0

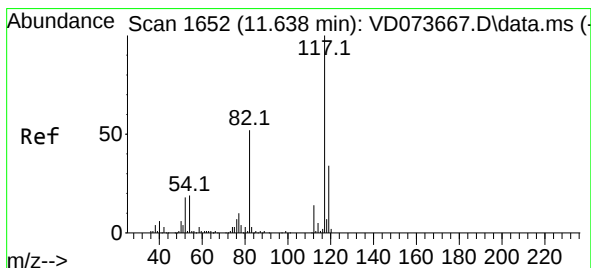
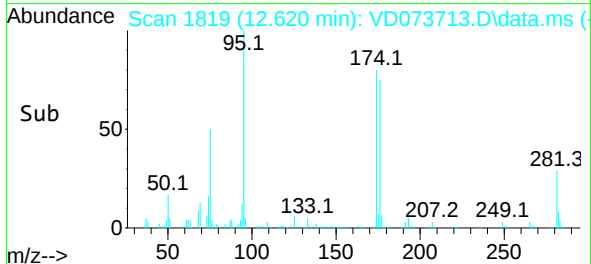
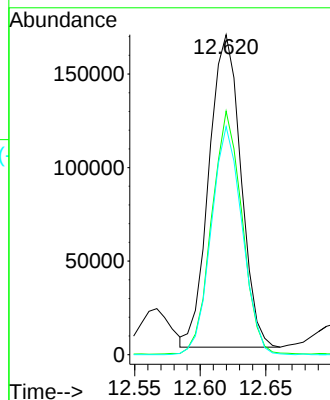
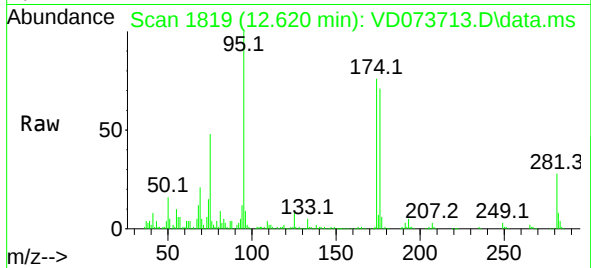




#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

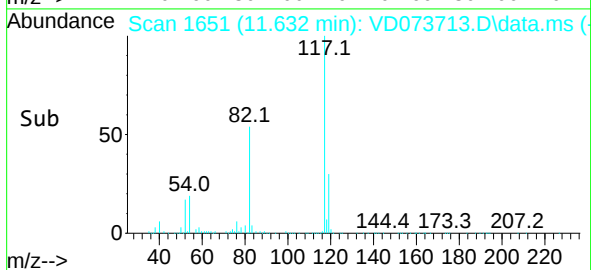
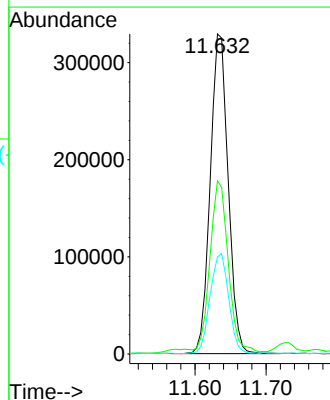
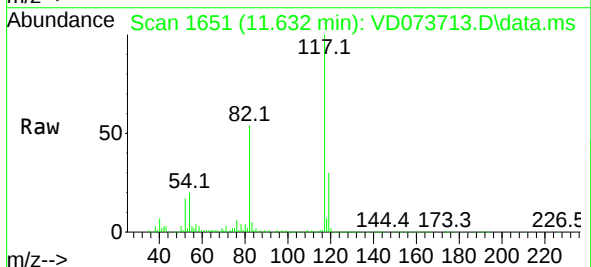
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-1-GR

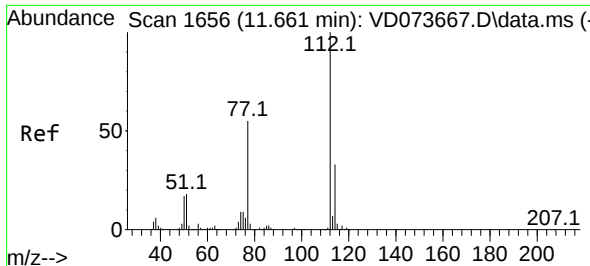
Tgt Ion: 95 Resp: 282156
Ion Ratio Lower Upper
95 100
174 74.0 0.0 158.4
176 70.9 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

Tgt Ion: 117 Resp: 576276
Ion Ratio Lower Upper
117 100
82 52.8 41.5 62.3
119 30.2 27.1 40.7

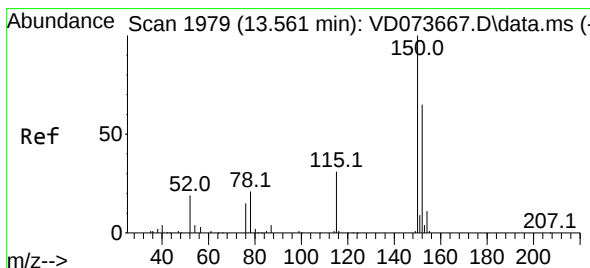
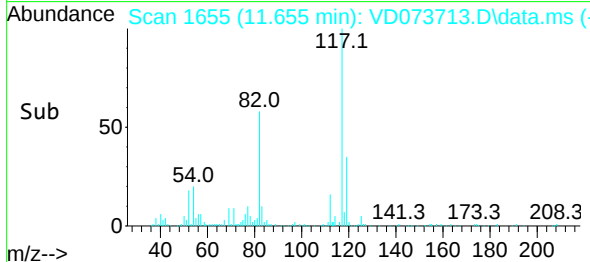
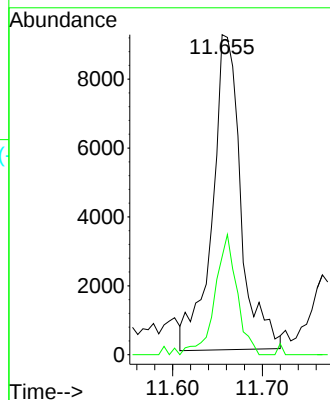
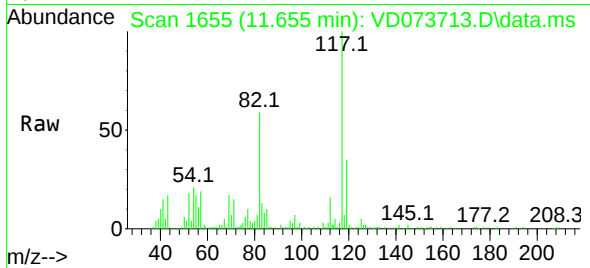




#65
Chlorobenzene
Concen: 1.434 ug/l
RT: 11.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

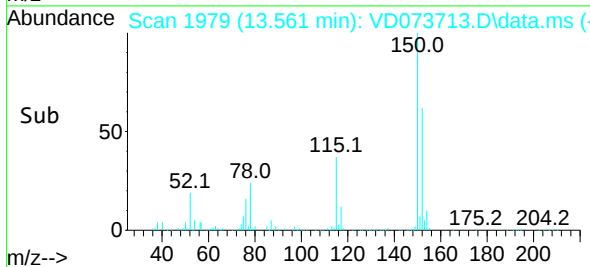
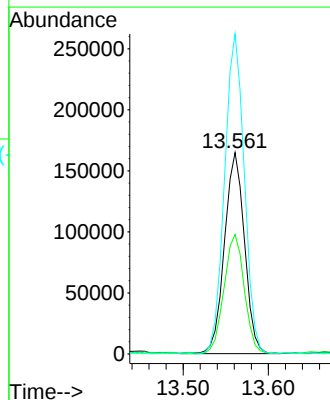
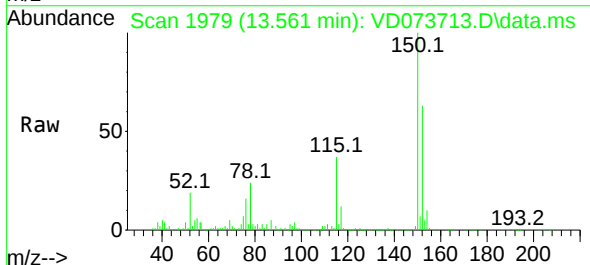
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SP-EXC-2-1-GR

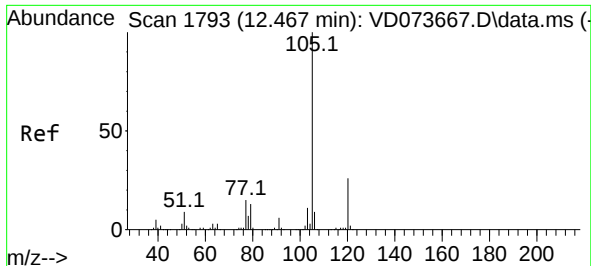
Tgt Ion:112 Resp: 20225
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

Tgt Ion:152 Resp: 269047
Ion Ratio Lower Upper
152 100
115 59.1 30.6 91.6
150 156.3 0.0 355.0

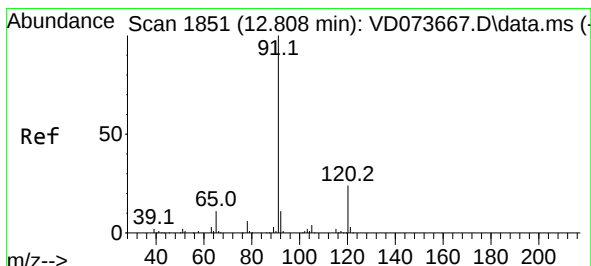
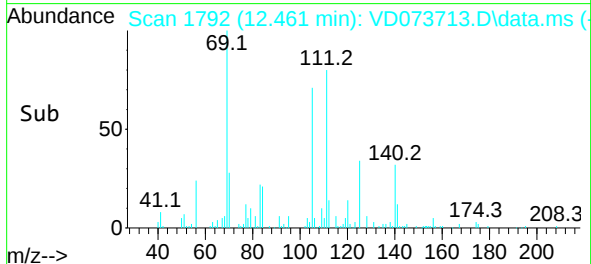
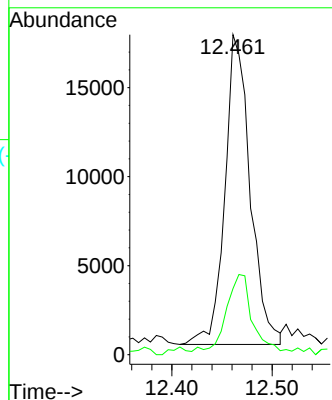
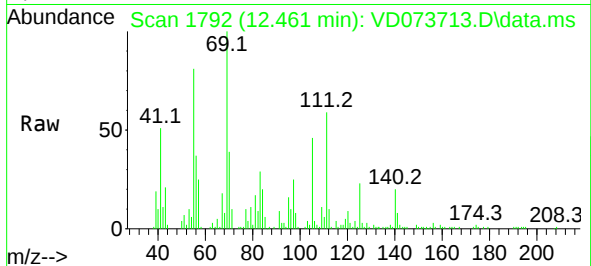




#73
Isopropylbenzene
Concen: 1.392 ug/l
RT: 12.461 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

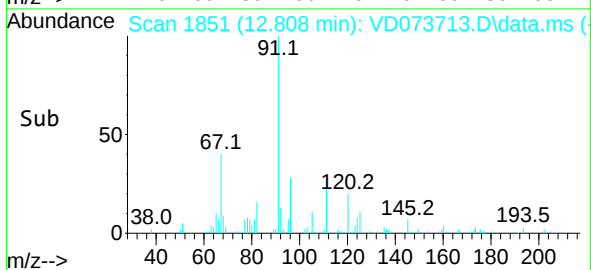
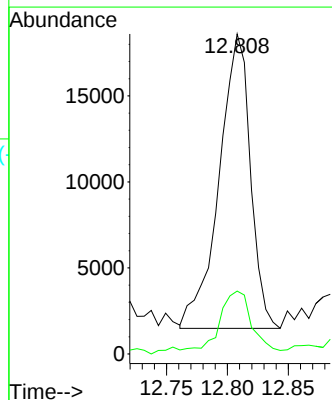
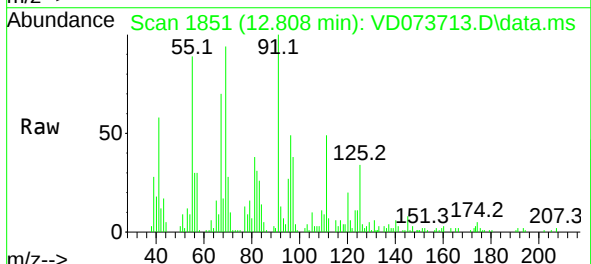
Instrument :
MSVOA_D
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SP-EXC-2-1-GR

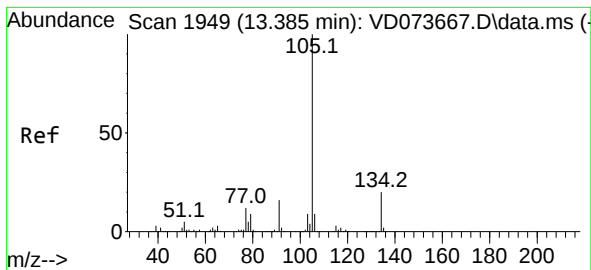
Tgt Ion:105 Resp: 30582
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#78
n-propylbenzene
Concen: 1.143 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073713.D
Acq: 25 Jun 2022 16:59

Tgt Ion: 91 Resp: 30696
Ion Ratio Lower Upper
91 100
120 19.2 11.8 35.3





#85

sec-Butylbenzene

Concen: 1.757 ug/l

RT: 13.384 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073713.D

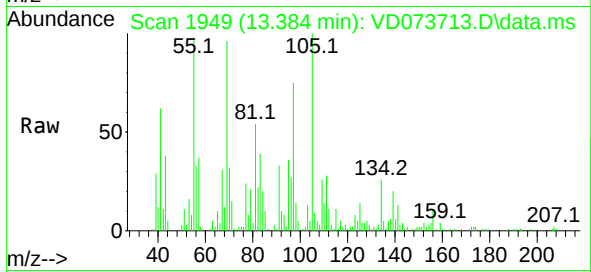
Acq: 25 Jun 2022 16:59

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-1-GR



Tgt Ion:105 Resp: 42779

Ion Ratio Lower Upper

105 100

134 39.2 10.4 31.2#

