

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070758.D
 Acq On : 19 Oct 2021 15:02
 Operator : VA/SY
 Sample : M4248-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHVB-0513RE

Quant Time: Oct 20 04:40:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

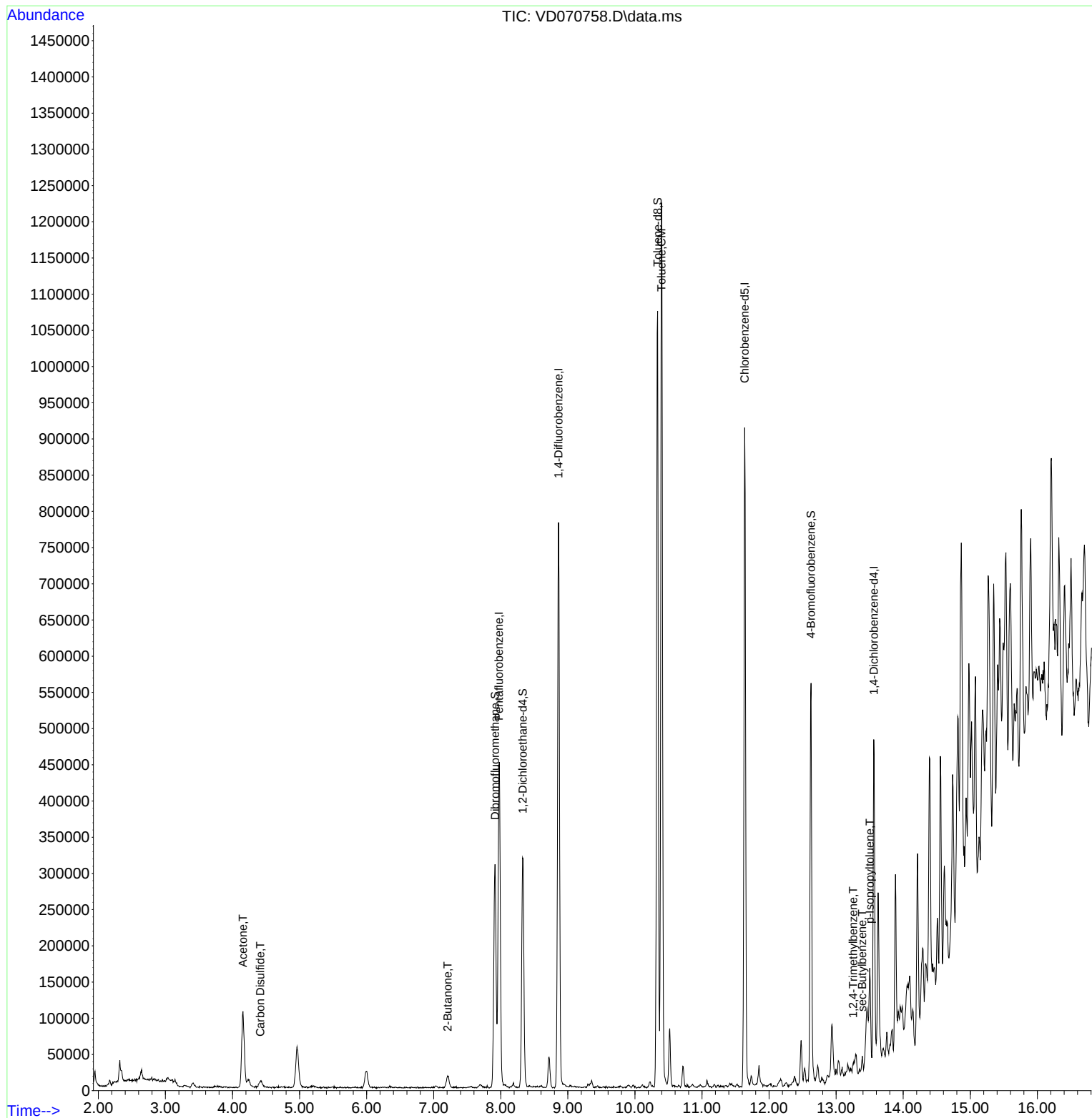
Internal Standards						
1) Pentafluorobenzene	7.973	168	321910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	630602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	513410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	118162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	254857	66.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.68%
35) Dibromofluoromethane	7.914	113	222393	55.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.16%
50) Toluene-d8	10.338	98	719461	46.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.96%
62) 4-Bromofluorobenzene	12.626	95	187658	35.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.42%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	183807	199.87	ug/l	96
17) Carbon Disulfide	4.414	76	13839	1.09	ug/l #	88
25) 2-Butanone	7.208	43	25093	22.09	ug/l #	77
52) Toluene	10.396	92	528360	43.86	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	11206	1.58	ug/l	99
85) sec-Butylbenzene	13.390	105	11980	1.30	ug/l	100
86) p-Isopropyltoluene	13.502	119	68197	9.18	ug/l #	82

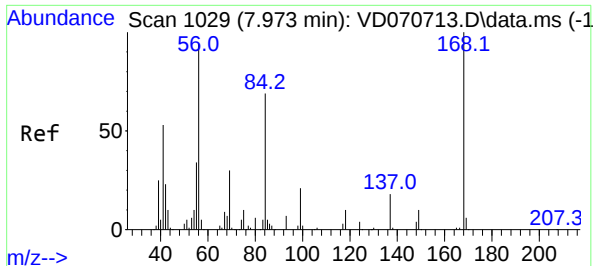
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
Data File : VD070758.D
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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHVB-0513RE

Quant Time: Oct 20 04:40:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

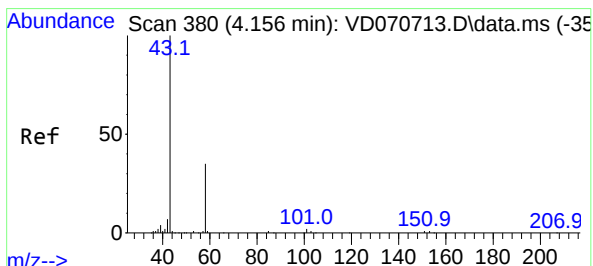
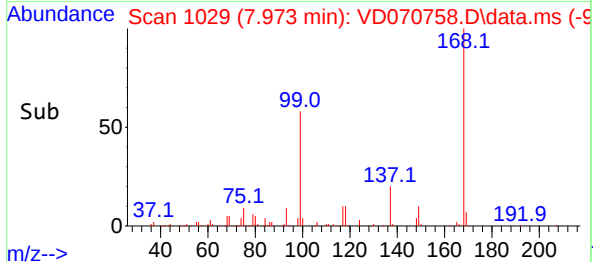
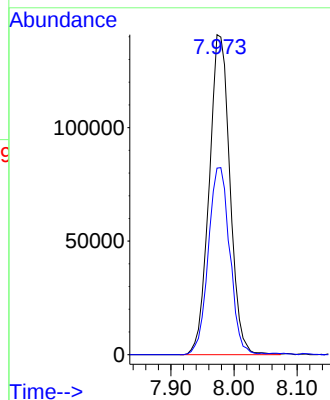
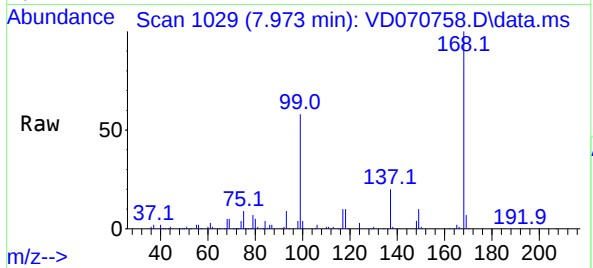




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

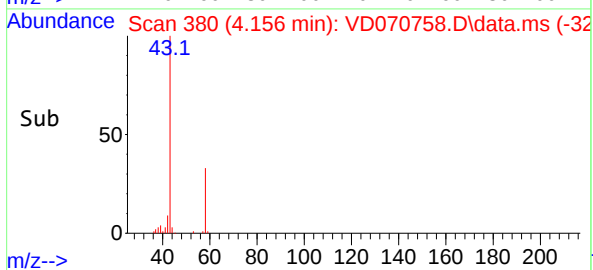
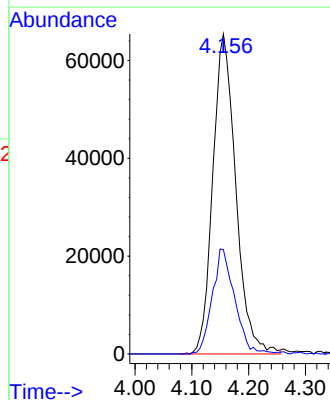
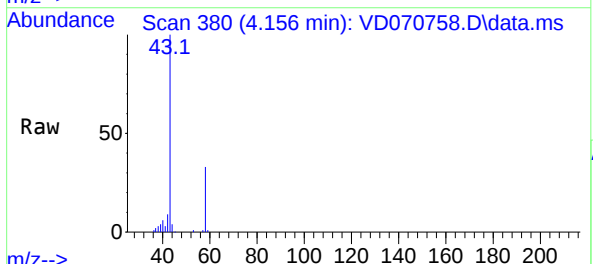
Instrument :
MSVOA_D
ClientSampleId :
CHVB-0513RE

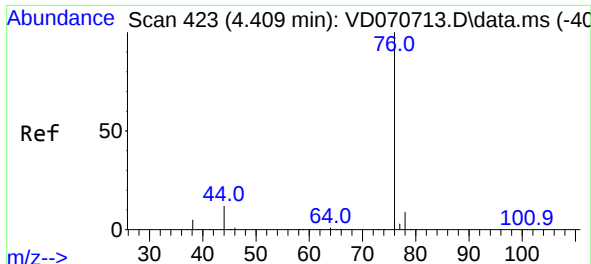
Tgt Ion:168 Resp: 321910
Ion Ratio Lower Upper
168 100
99 58.3 51.4 77.0



#16
Acetone
Concen: 199.87 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

Tgt Ion: 43 Resp: 183807
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2

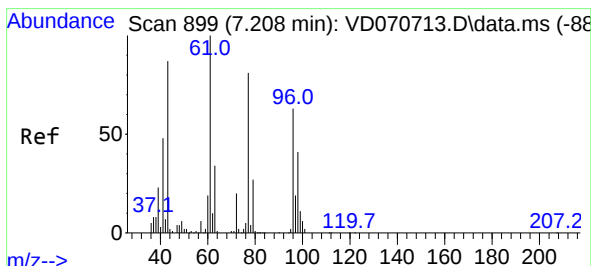
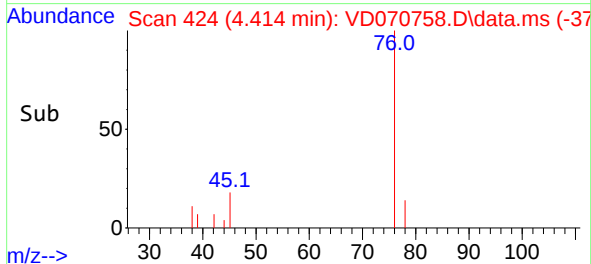
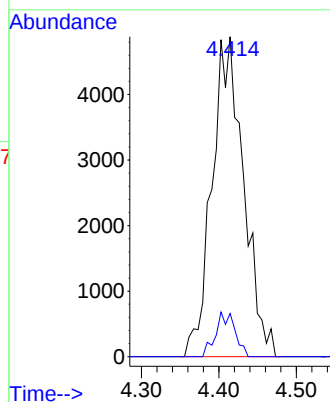
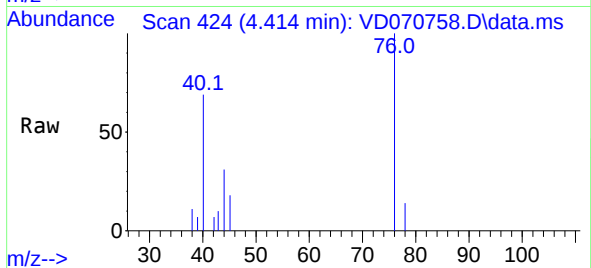




#17
Carbon Disulfide
Concen: 1.09 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

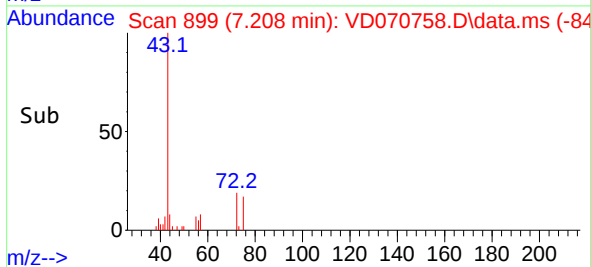
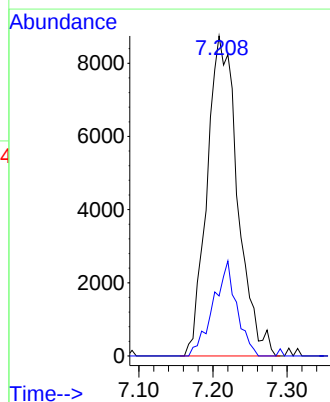
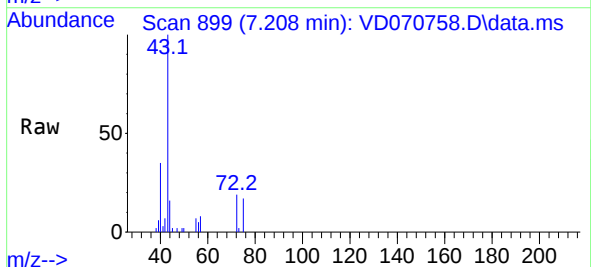
Instrument :
MSVOA_D
ClientSampleId :
CHVB-0513RE

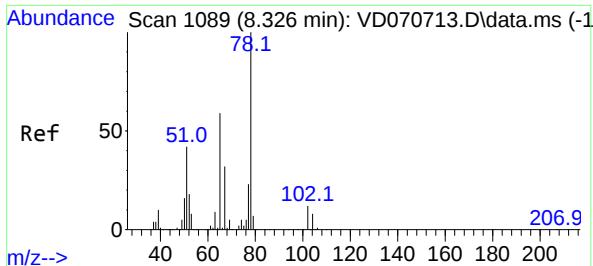
Tgt Ion: 76 Resp: 13839
Ion Ratio Lower Upper
76 100
78 13.5 7.4 11.2#



#25
2-Butanone
Concen: 22.09 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

Tgt Ion: 43 Resp: 25093
Ion Ratio Lower Upper
43 100
72 18.8 25.2 37.8#

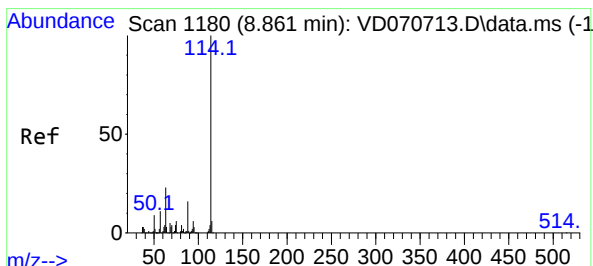
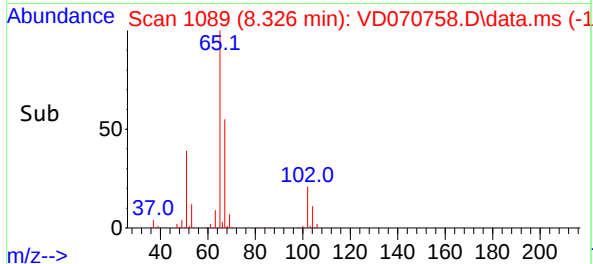
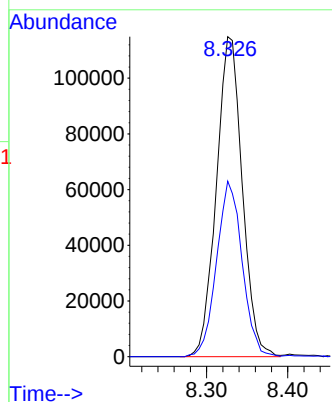
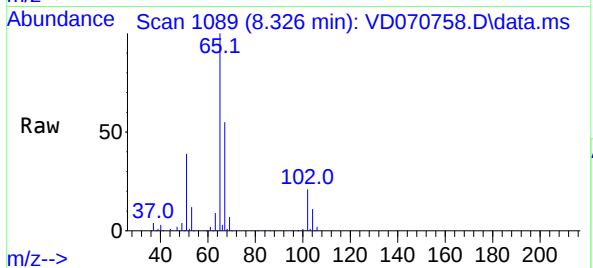




#33
1,2-Dichloroethane-d4
Concen: 66.84 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

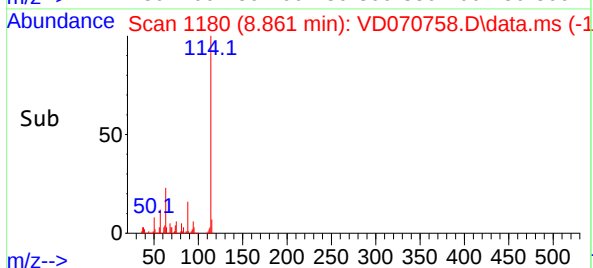
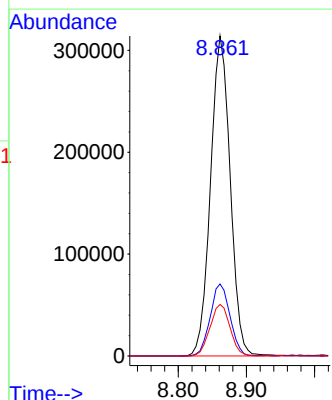
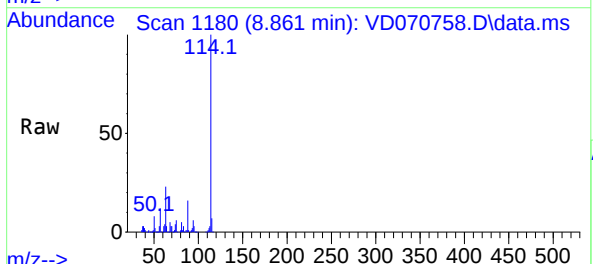
Instrument :
MSVOA_D
ClientSampleId :
CHVB-0513RE

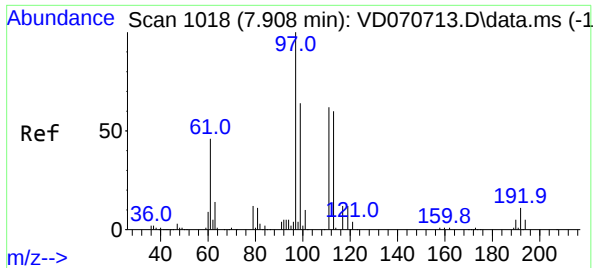
Tgt Ion: 65 Resp: 254857
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

Tgt Ion: 114 Resp: 630602
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 16.1 0.0 32.6

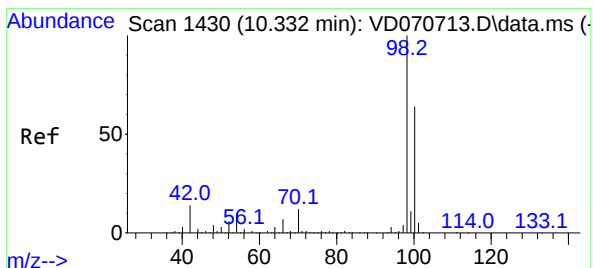
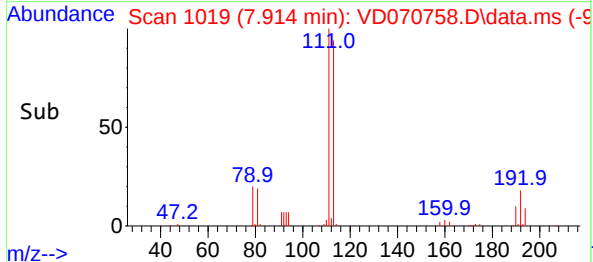
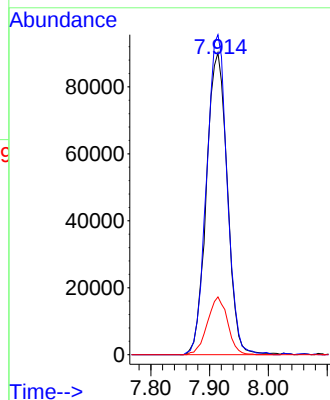
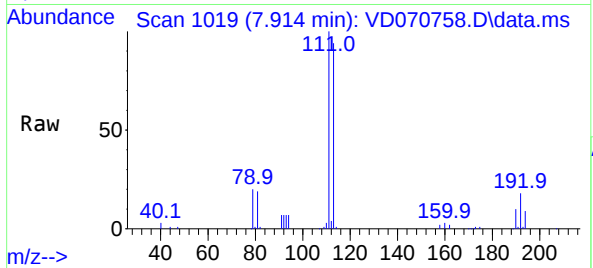




#35
Dibromofluoromethane
Concen: 55.08 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

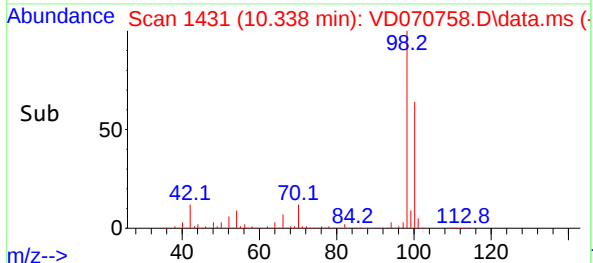
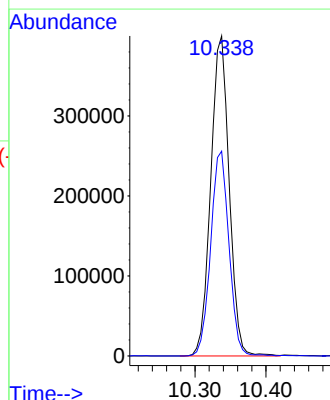
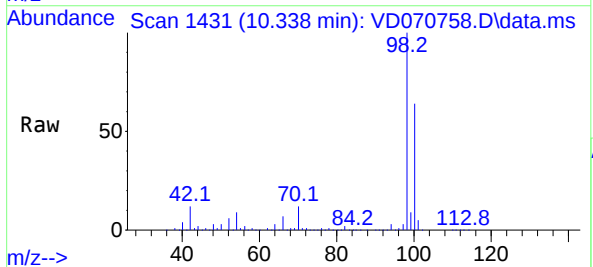
Instrument :
MSVOA_D
ClientSampleId :
CHVB-0513RE

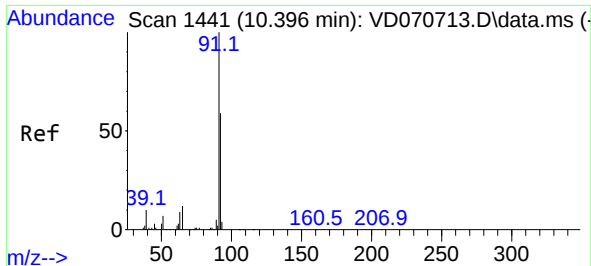
Tgt Ion:113 Resp: 222393
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 18.5 12.7 19.1



#50
Toluene-d8
Concen: 46.48 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

Tgt Ion: 98 Resp: 719461
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

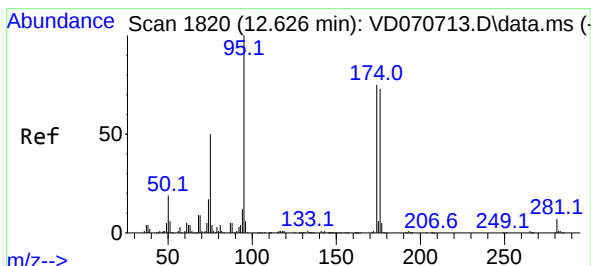
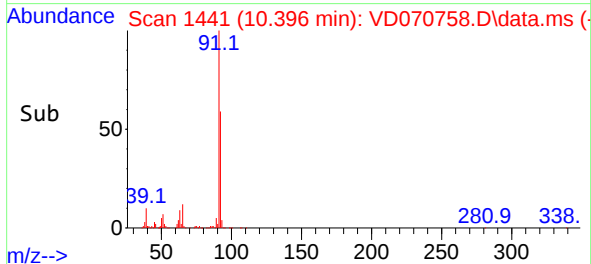
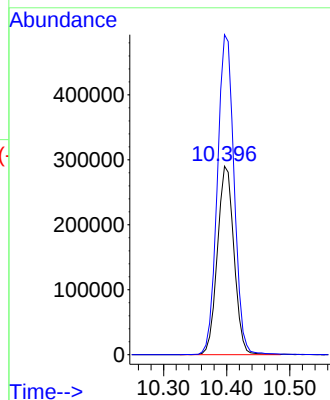
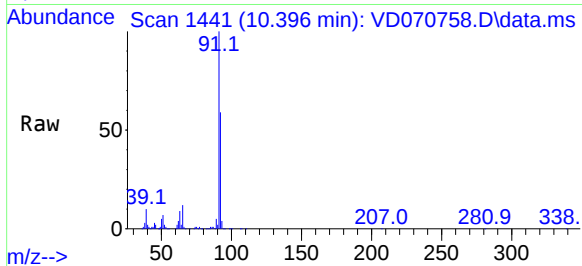




#52
Toluene
Concen: 43.86 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

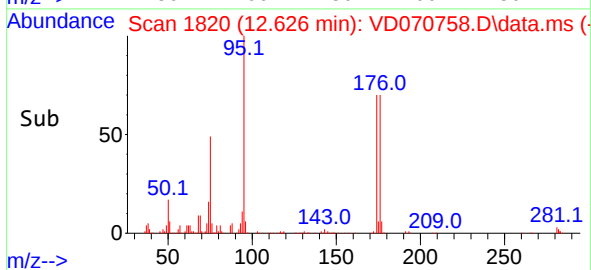
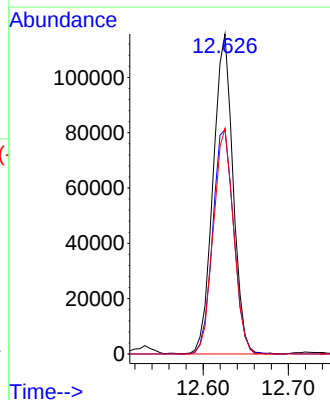
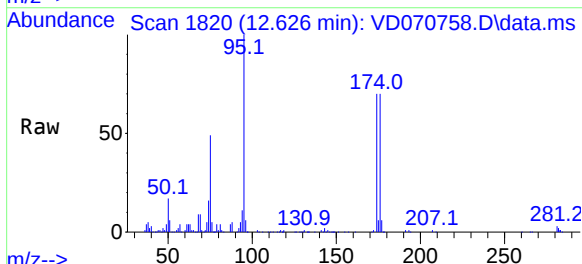
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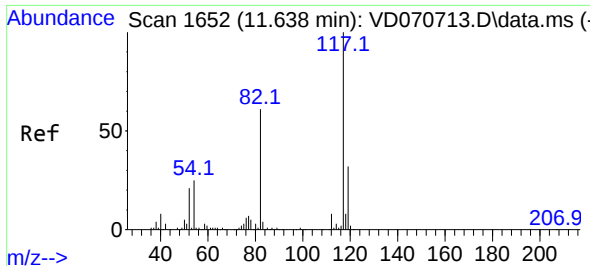
Tgt Ion: 92 Resp: 528360
Ion Ratio Lower Upper
92 100
91 172.1 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 35.21 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

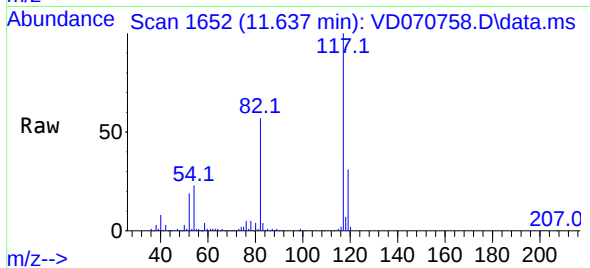
Tgt Ion: 95 Resp: 187658
Ion Ratio Lower Upper
95 100
174 73.8 0.0 138.0
176 71.6 0.0 135.6



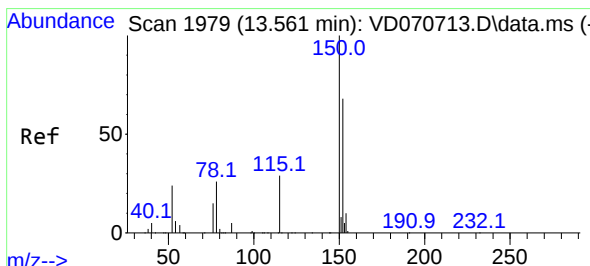
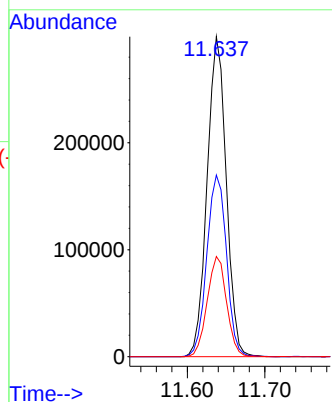
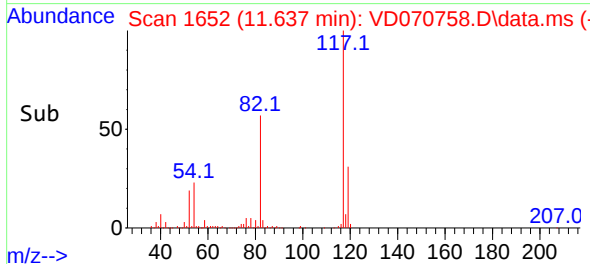


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

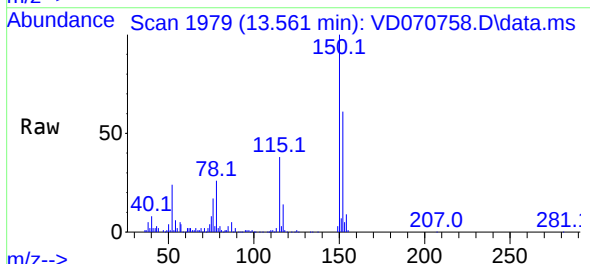
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ClientSampleId :
CHVB-0513RE



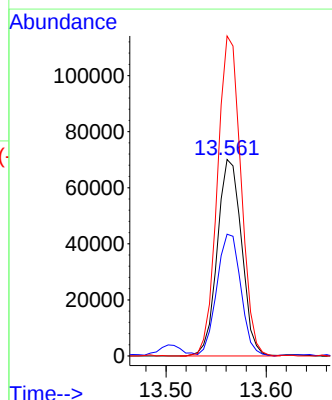
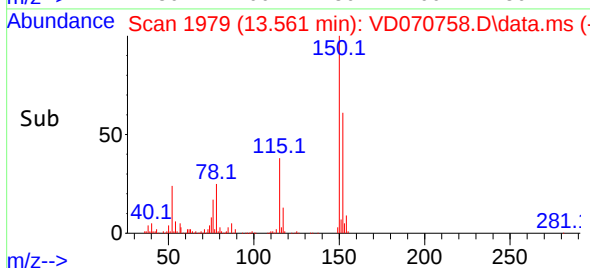
Tgt Ion:117 Resp: 513410
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 31.3 24.7 37.1

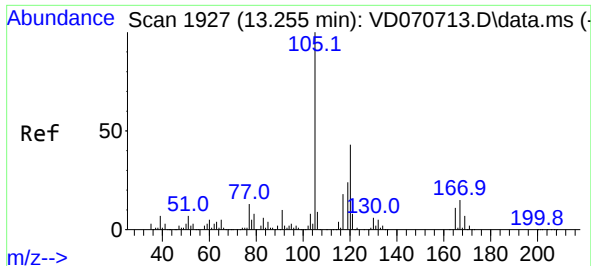


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02



Tgt Ion:152 Resp: 118162
Ion Ratio Lower Upper
152 100
115 61.4 31.9 95.7
150 157.4 0.0 350.0

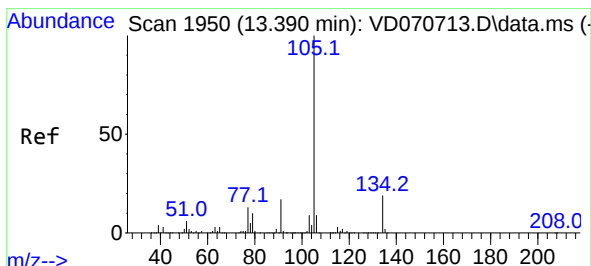
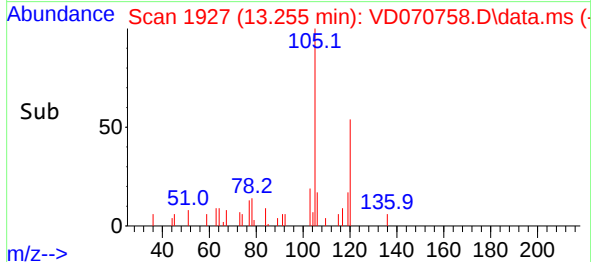
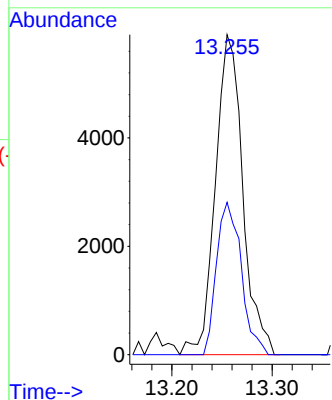
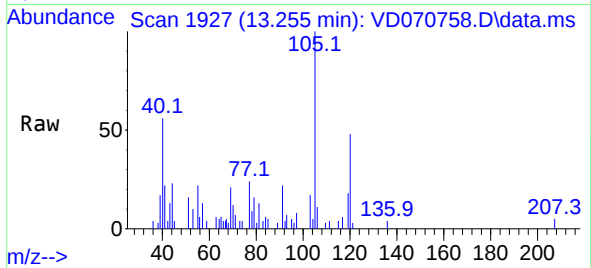




#84
1,2,4-Trimethylbenzene
Concen: 1.58 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

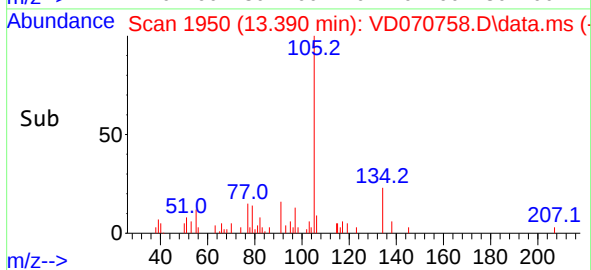
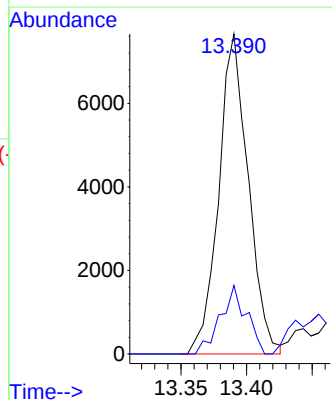
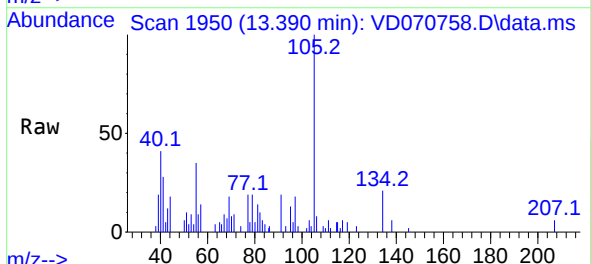
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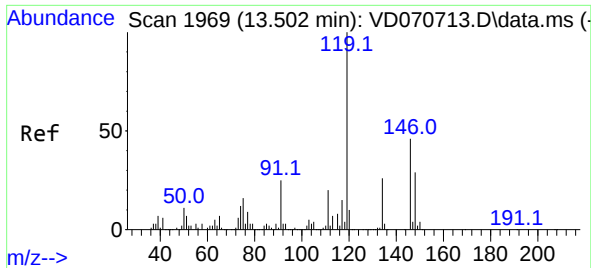
Tgt Ion:105 Resp: 11206
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.8



#85
sec-Butylbenzene
Concen: 1.30 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070758.D
Acq: 19 Oct 2021 15:02

Tgt Ion:105 Resp: 11980
Ion Ratio Lower Upper
105 100
134 18.9 9.3 28.0





#86
 p-Isopropyltoluene
 Concen: 9.18 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070758.D
 Acq: 19 Oct 2021 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 CHVB-0513RE

Tgt Ion:119 Resp: 68197
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 41.0 11.9 35.5#

