

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076120.D
 Acq On : 17 May 2023 13:47
 Operator : KP/SY
 Sample : VD0517SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Quant Time: May 18 05:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

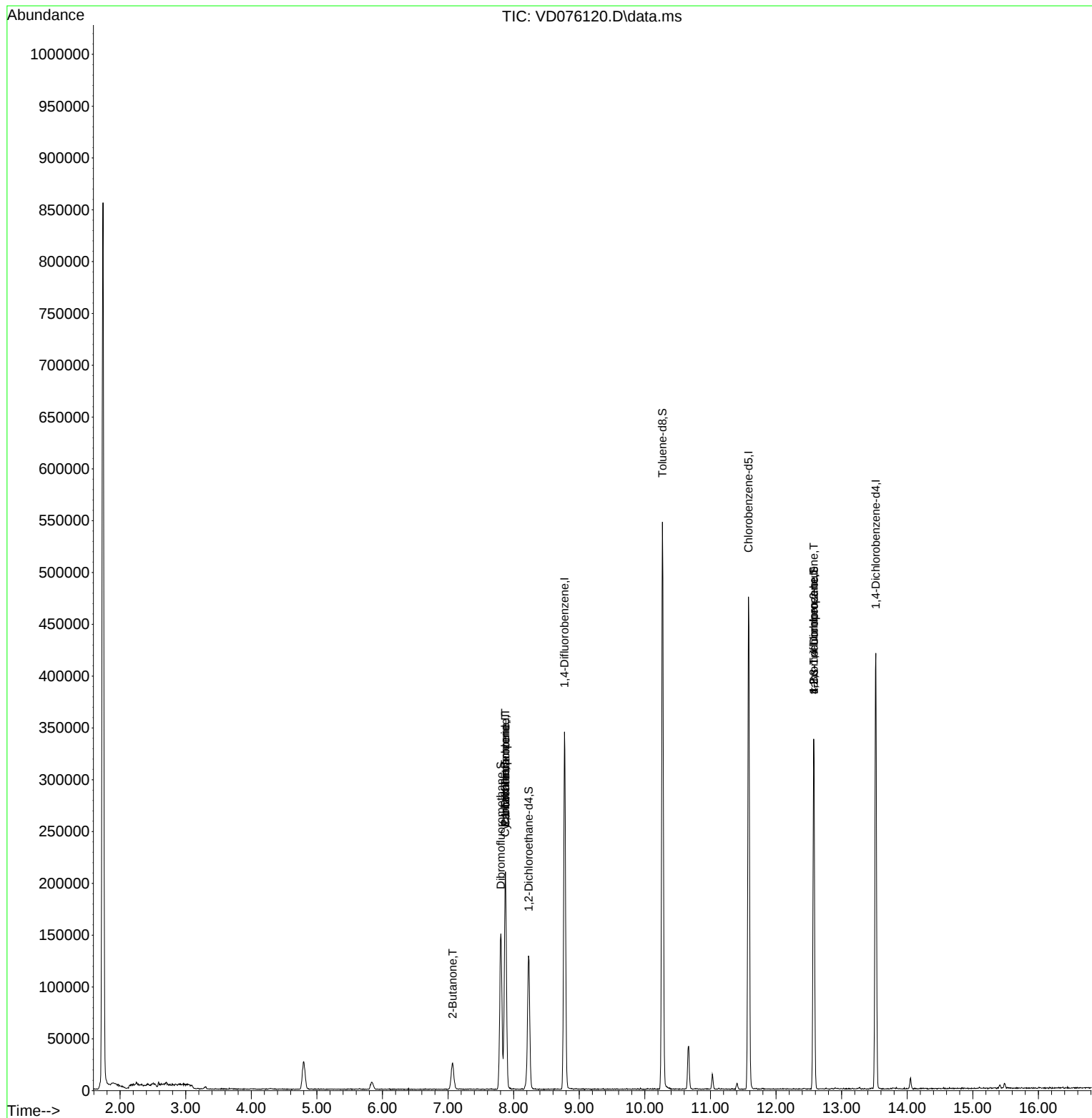
Internal Standards						
1) Pentafluorobenzene	7.875	168	172176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100479	60.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.760%			
35) Dibromofluoromethane	7.804	113	113248	50.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.140%			
50) Toluene-d8	10.269	98	404408	45.866	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.740%			
62) 4-Bromofluorobenzene	12.575	95	99616	40.672	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.340%			
Target Compounds						
3) Chloromethane	2.146	50	755	Below Cal	Qvalue 95	
17) Carbon Disulfide	4.263	76	61	Below Cal	# 73	
25) 2-Butanone	7.069	43	810	1.946	ug/l # 50	
31) Cyclohexane	7.869	56	3705	1.454	ug/l # 1	
36) 1,1-Dichloropropene	7.875	75	13879	4.544	ug/l # 50	
38) Carbon Tetrachloride	7.875	117	15569	5.643	ug/l # 17	
76) 1,2,3-Trichloropropane	12.575	75	49100	45.732	ug/l # 100	
81) trans-1,4-Dichloro-2-b...	12.575	75	49100	95.938	ug/l # 5	

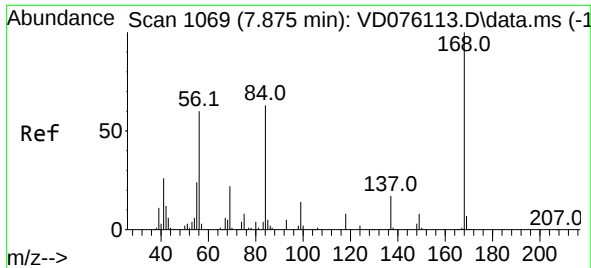
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
Data File : VD076120.D
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Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

Quant Time: May 18 05:19:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

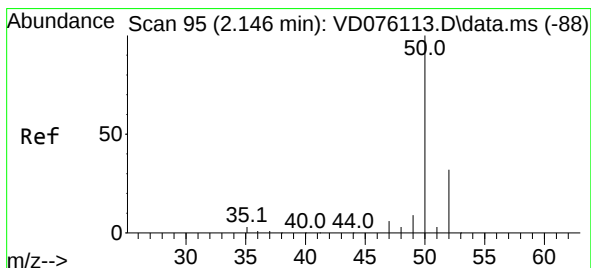
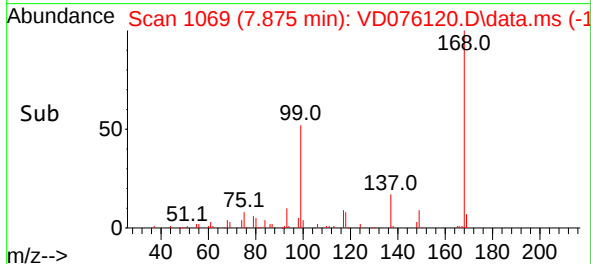
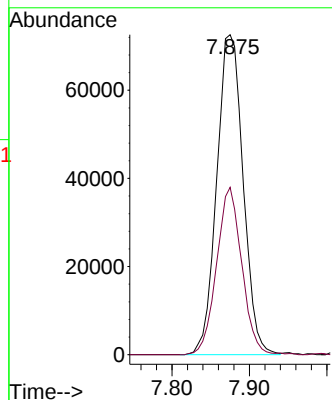
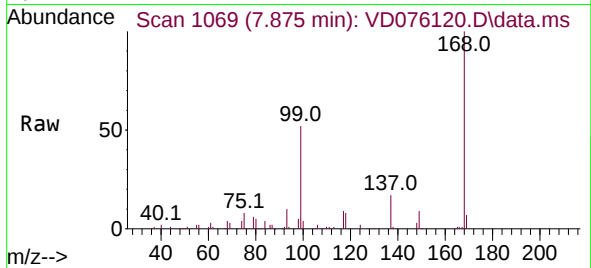




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

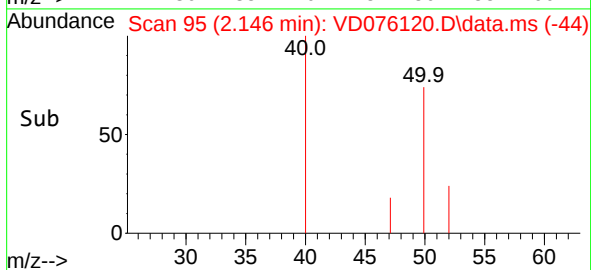
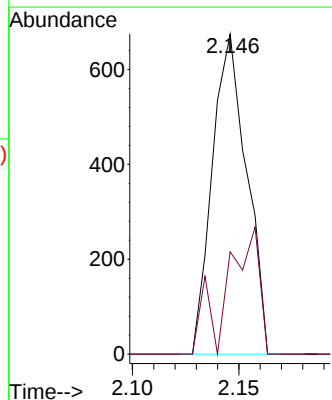
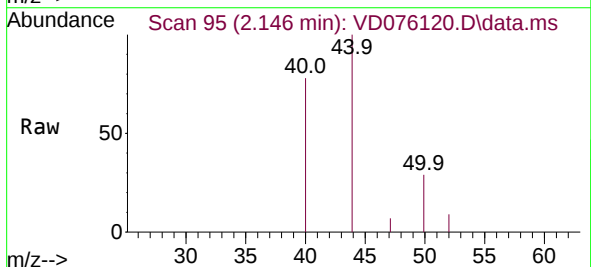
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

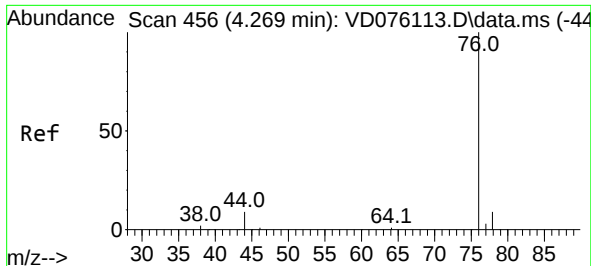
Tgt Ion:168 Resp: 172176
Ion Ratio Lower Upper
168 100
99 52.3 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.8

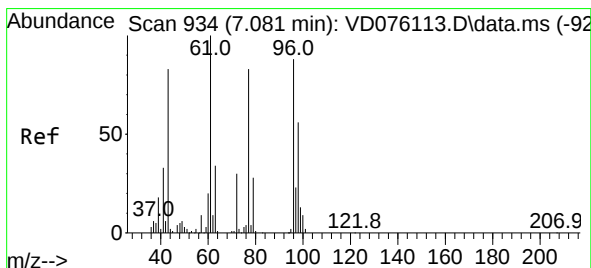
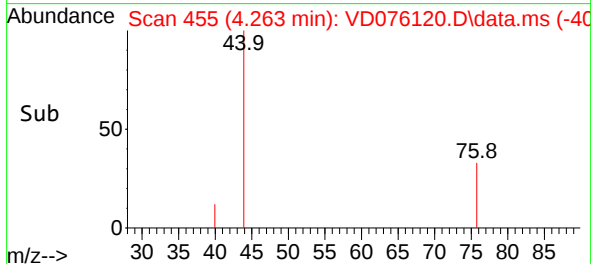
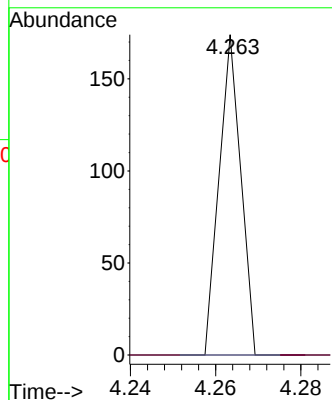
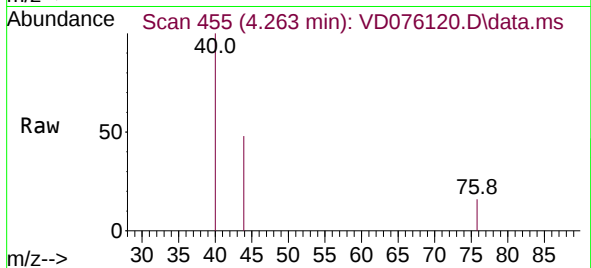




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

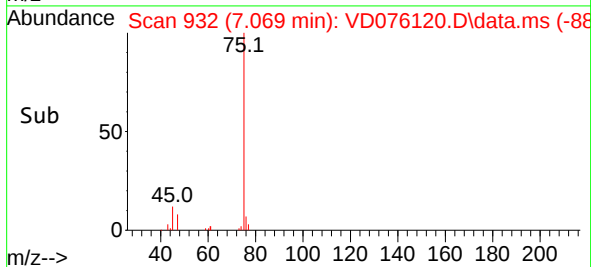
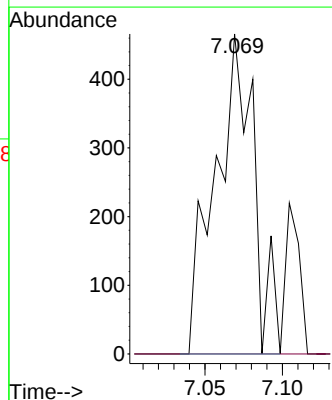
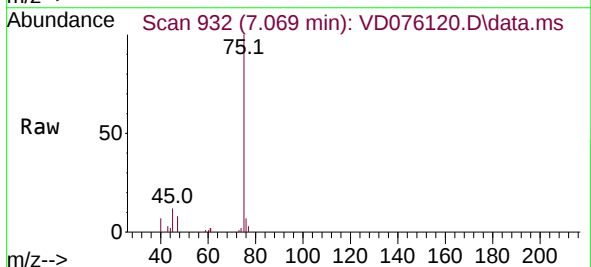
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

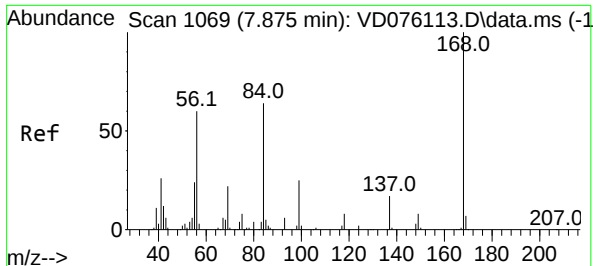
Tgt Ion: 76 Resp: 61
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#25
2-Butanone
Concen: 1.946 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#

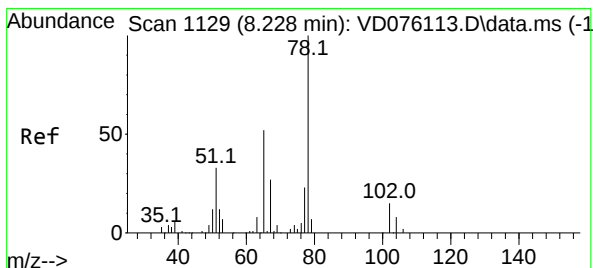
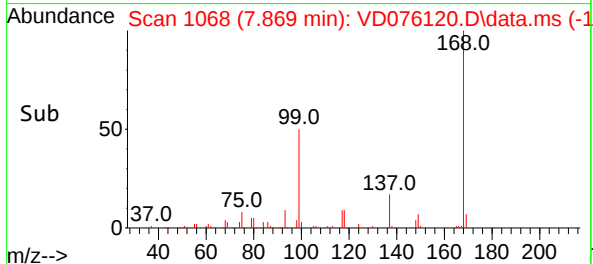
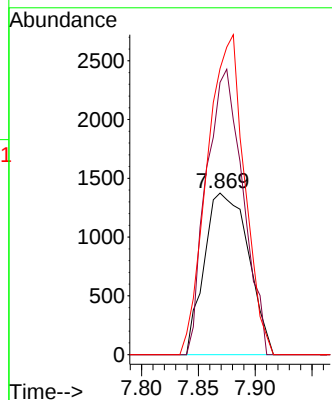
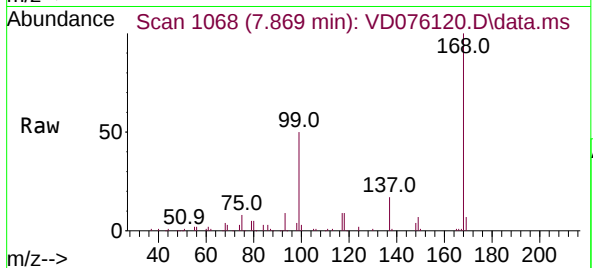




#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

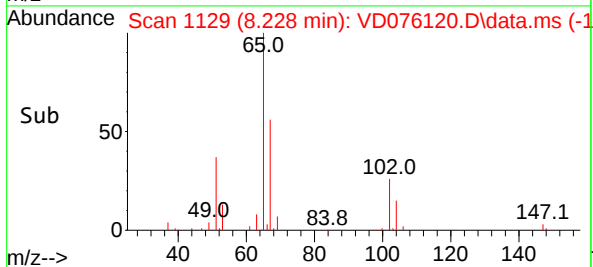
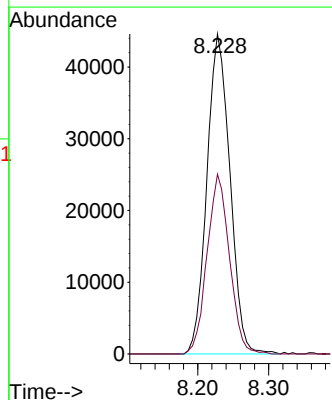
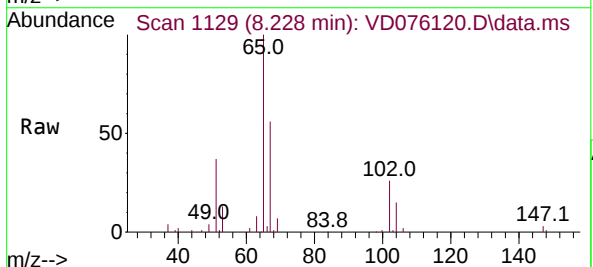
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

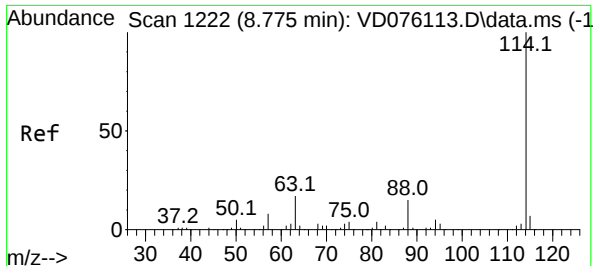
Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 168.6 25.5 38.3#
84 177.1 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 60.383 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 65 Resp: 100479
Ion Ratio Lower Upper
65 100
67 54.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

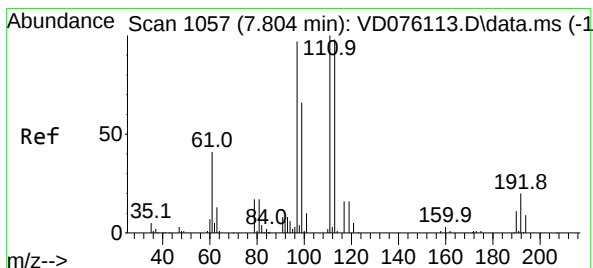
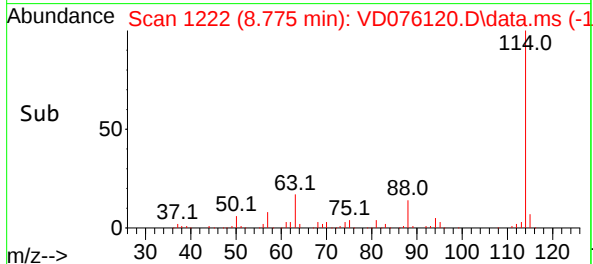
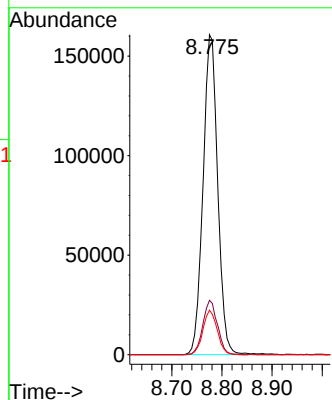
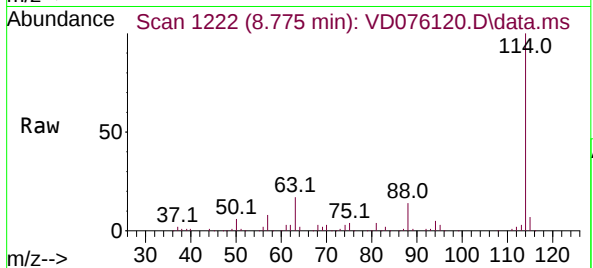
Tgt Ion:114 Resp: 327220

Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.070 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

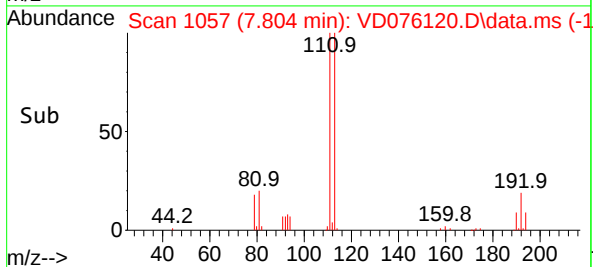
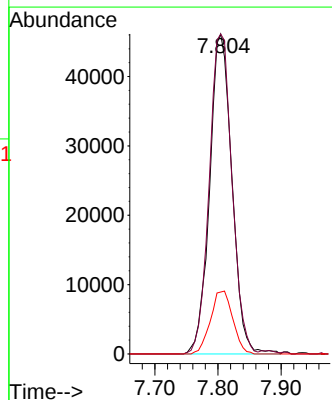
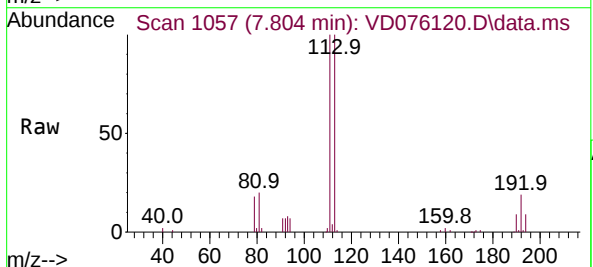
Tgt Ion:113 Resp: 113248

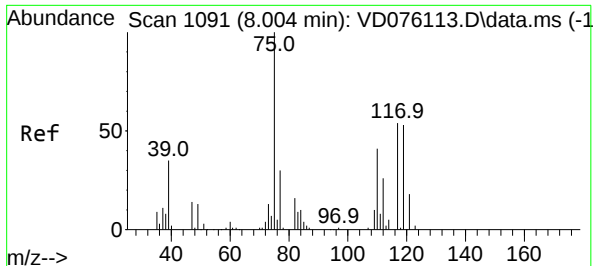
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 19.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.544 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

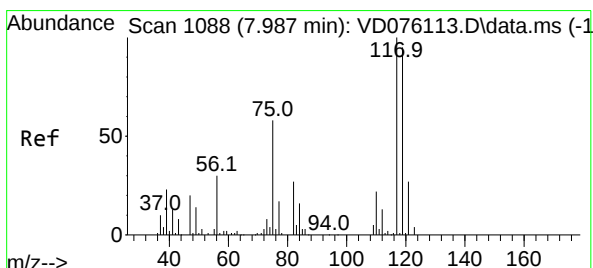
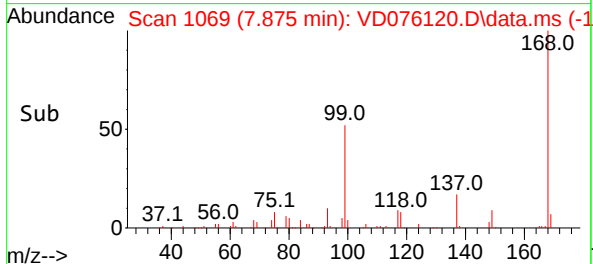
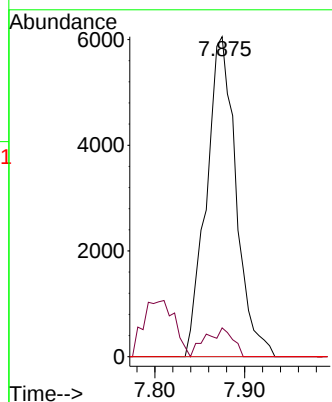
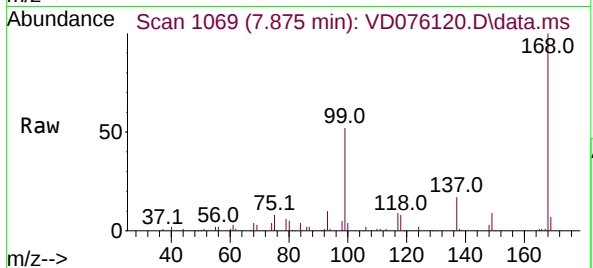
Tgt Ion: 75 Resp: 13879

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.643 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

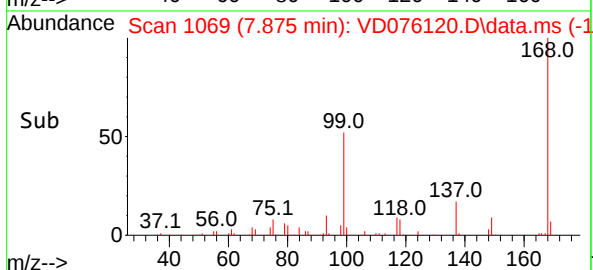
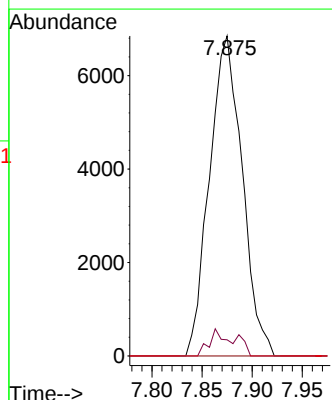
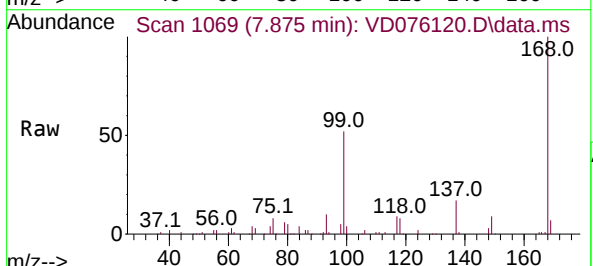
Tgt Ion: 117 Resp: 15569

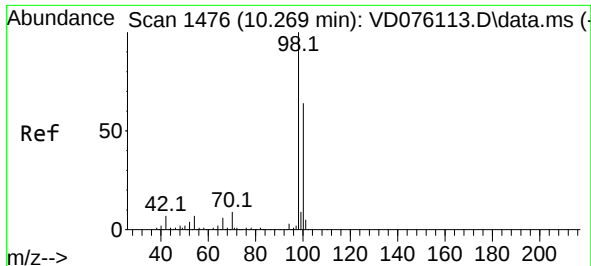
Ion Ratio Lower Upper

117 100

119 5.1 74.7 112.1#

121 0.0 25.9 38.9#

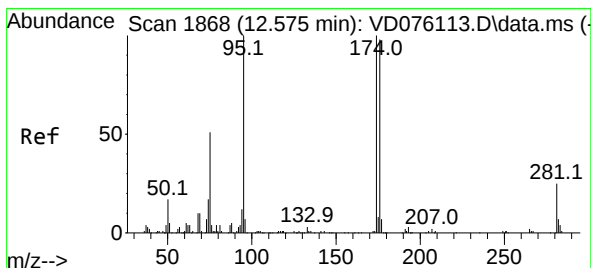
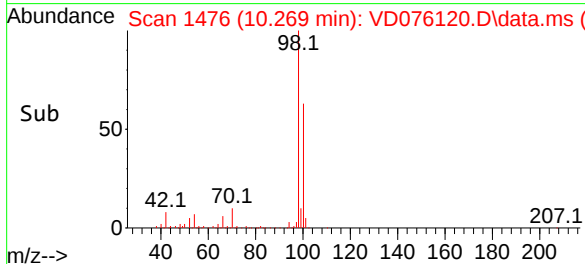
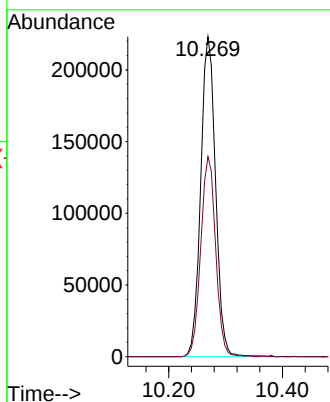
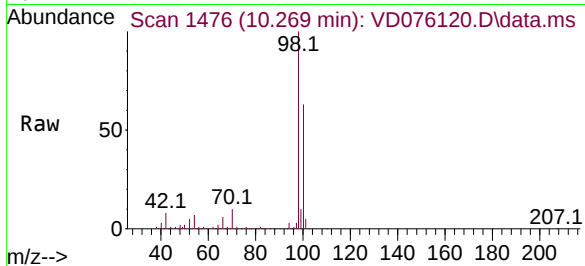




#50
Toluene-d8
Concen: 45.866 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

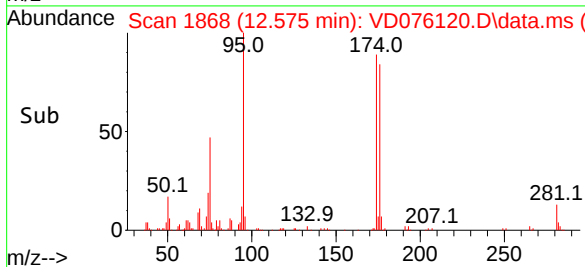
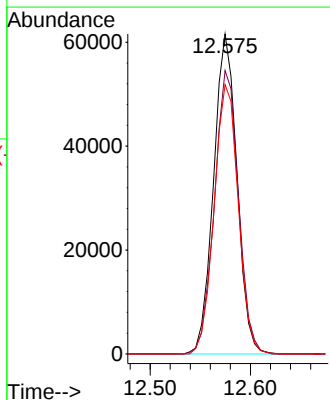
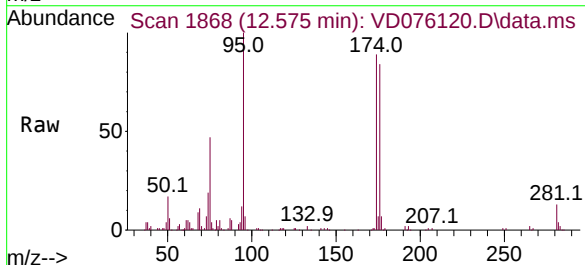
Instrument :
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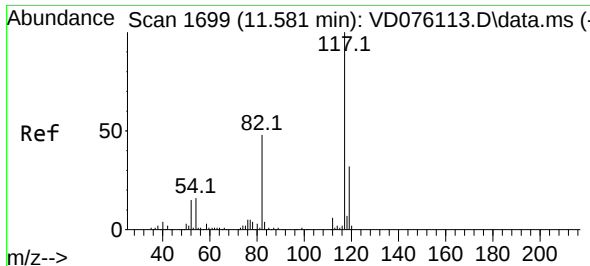
Tgt Ion: 98 Resp: 404408
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 95 Resp: 99616
Ion Ratio Lower Upper
95 100
174 91.0 0.0 164.0
176 86.9 0.0 156.8

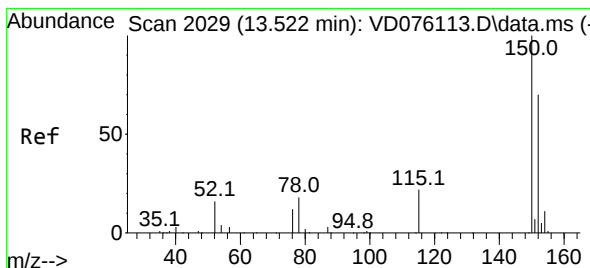
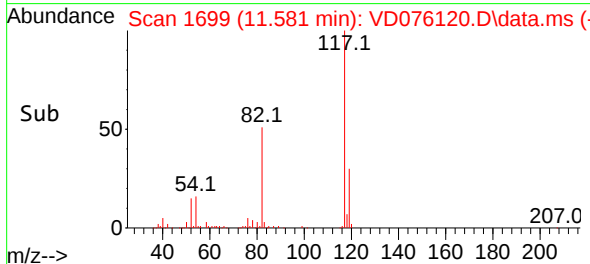
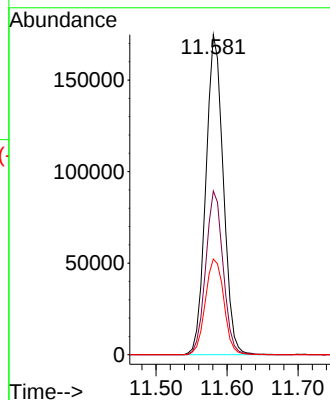
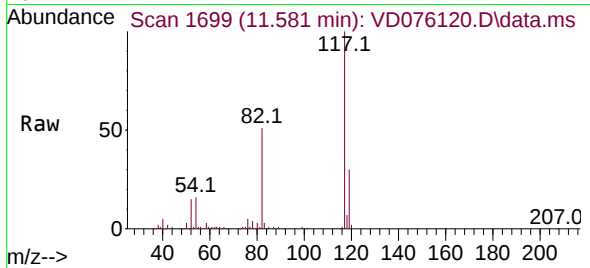




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

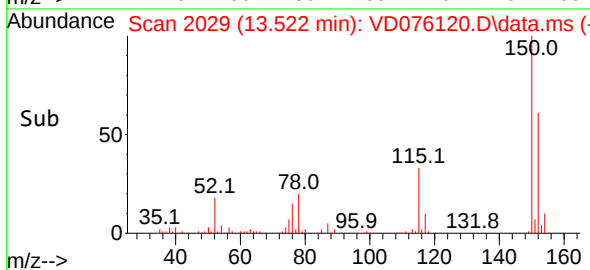
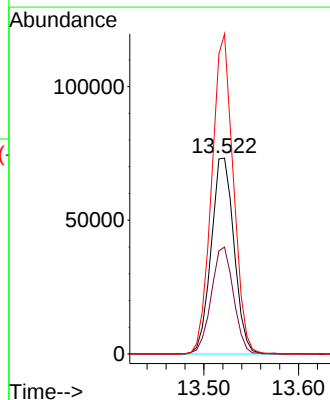
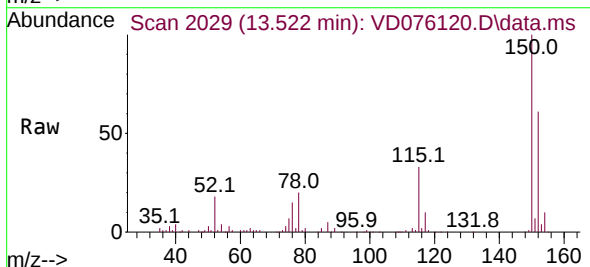
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

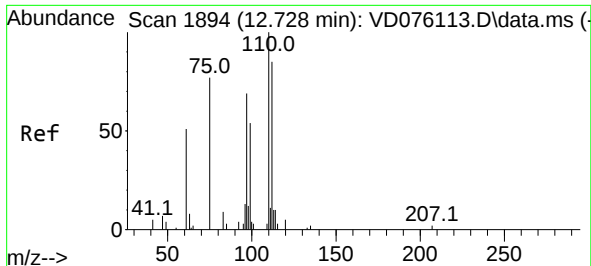
Tgt Ion:117 Resp: 298617
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 29.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion:152 Resp: 122691
Ion Ratio Lower Upper
152 100
115 53.3 30.1 90.3
150 154.7 0.0 364.8

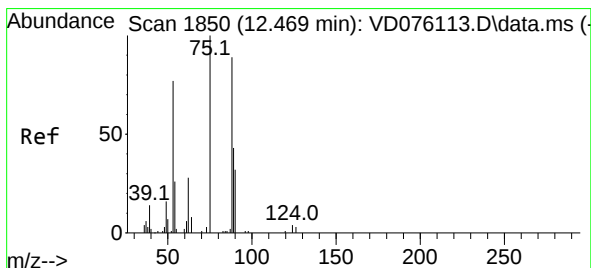
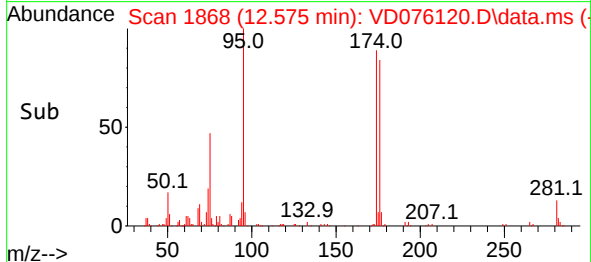
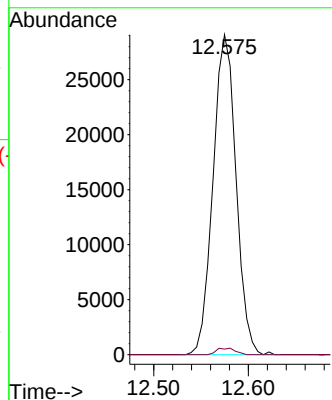
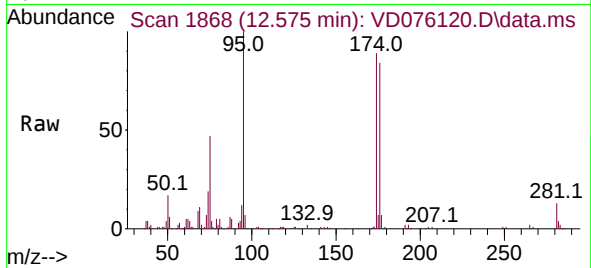




#76
1,2,3-Trichloropropane
Concen: 45.732 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

Tgt Ion: 75 Resp: 49100
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.938 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 75 Resp: 49100
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.1 40.2 60.4#

