

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076955.D
 Acq On : 08 Aug 2023 15:26
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Aug 09 05:44:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

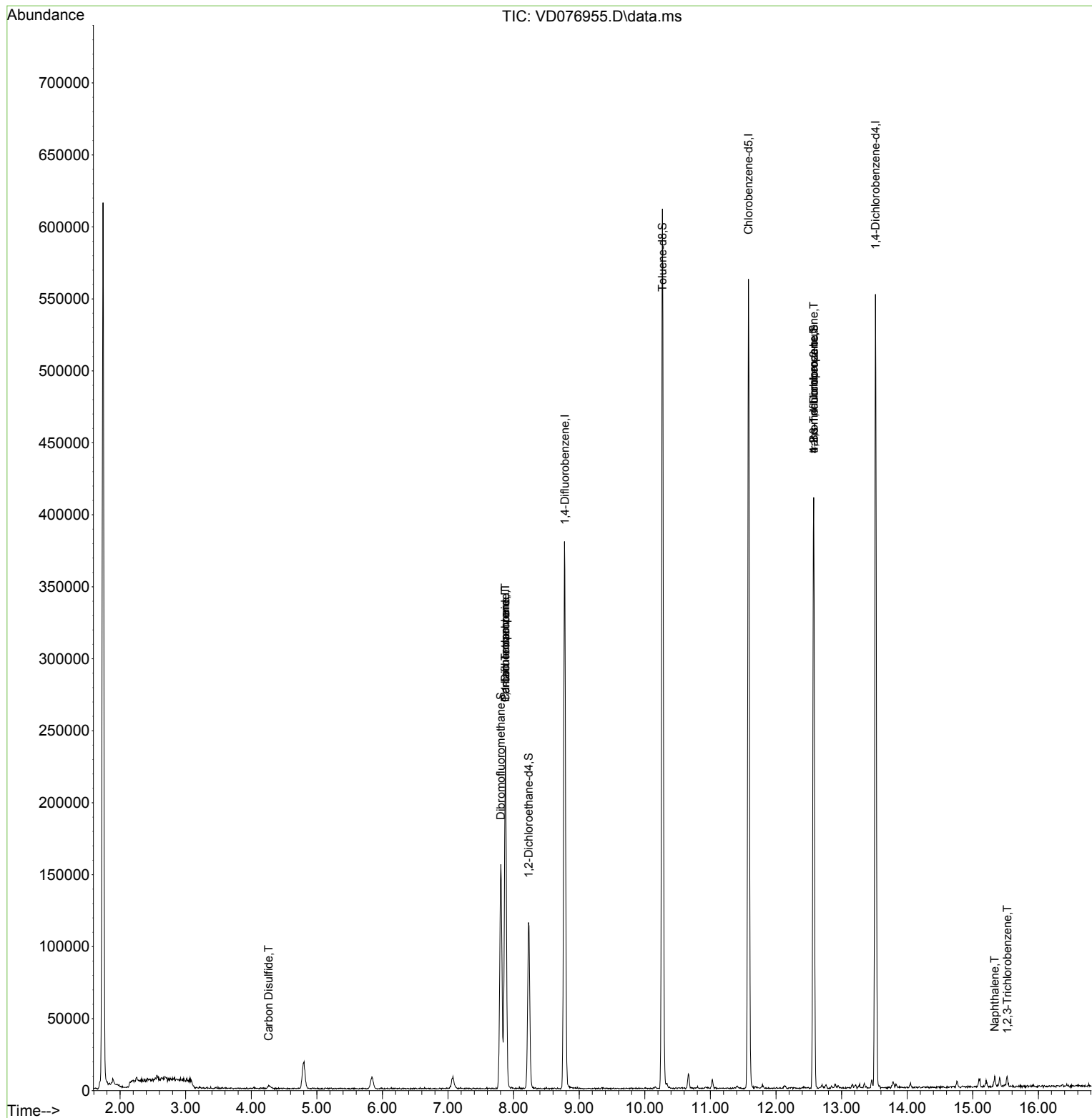
Internal Standards						
1) Pentafluorobenzene	7.875	168	179493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	350559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88499	62.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.000%	
35) Dibromofluoromethane	7.805	113	111233	59.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.040%	
50) Toluene-d8	10.269	98	433905	71.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 143.360%#	
62) 4-Bromofluorobenzene	12.575	95	126227	59.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	702	Below Cal	#	32
17) Carbon Disulfide	4.264	76	3460	1.488	ug/l #	76
20) Methylene Chloride	4.805	84	15586	Below Cal	#	94
31) Cyclohexane	7.863	56	4063	Below Cal	#	41
36) 1,1-Dichloropropene	7.875	75	13688	5.873	ug/l #	50
38) Carbon Tetrachloride	7.875	117	16866	6.762	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	65770	45.990	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65770	108.049	ug/l #	17
95) Naphthalene	15.334	128	7665	1.415	ug/l	96
96) 1,2,3-Trichlorobenzene	15.528	180	2531	1.066	ug/l	84

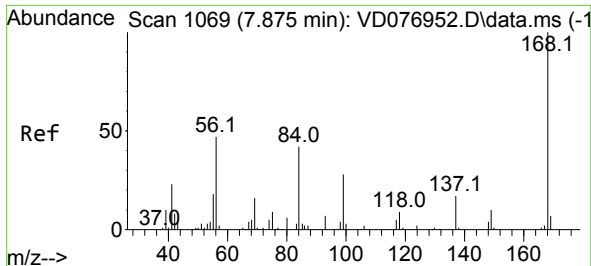
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 09 05:34:08 2023
Response via : Initial Calibration

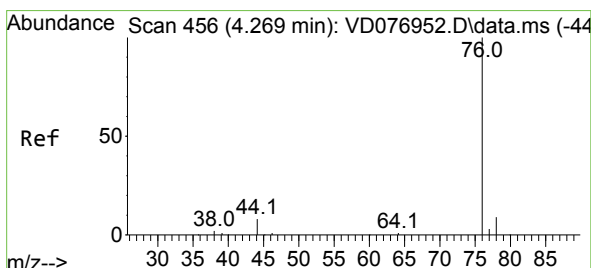
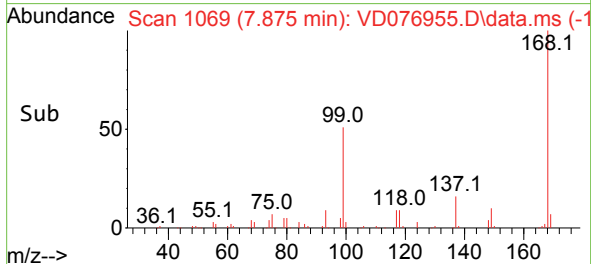
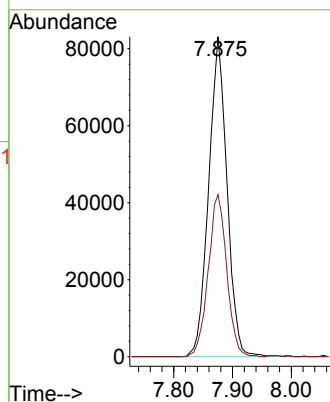
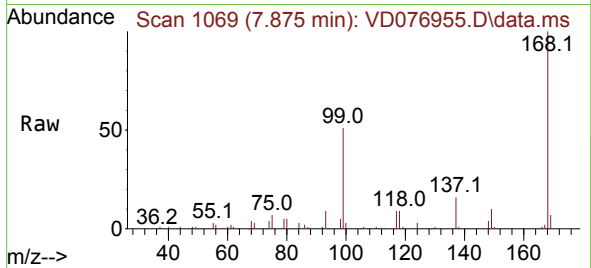




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

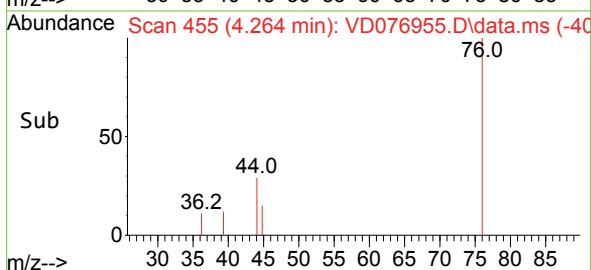
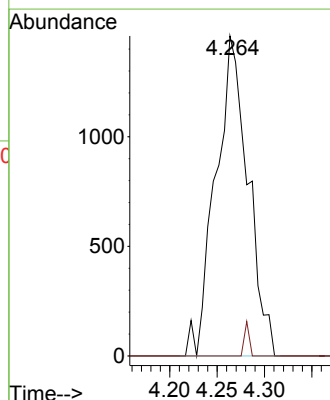
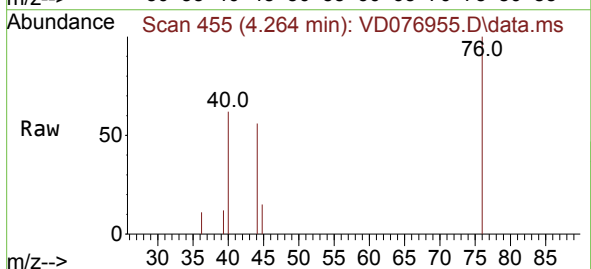
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

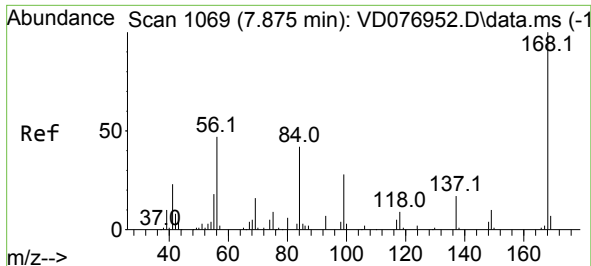
Tgt Ion:168 Resp: 179493
Ion Ratio Lower Upper
168 100
99 50.7 36.7 55.1



#17
Carbon Disulfide
Concen: 1.488 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

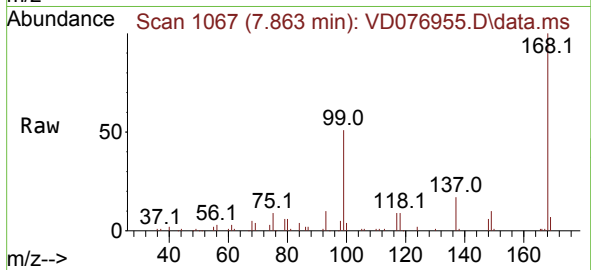
Tgt Ion: 76 Resp: 3460
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



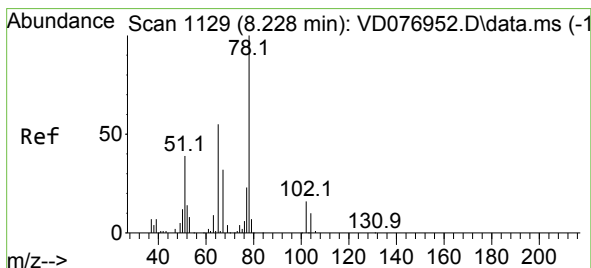
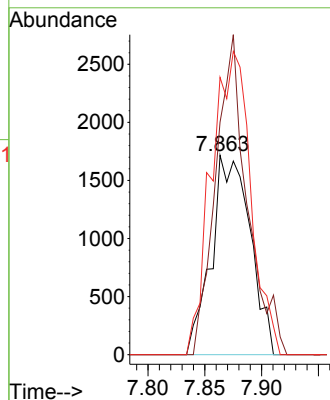
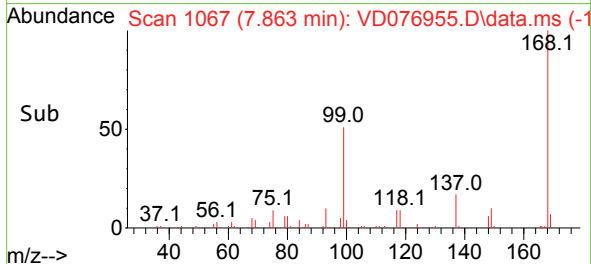


#31
Cyclohexane
Concen: Below Cal
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

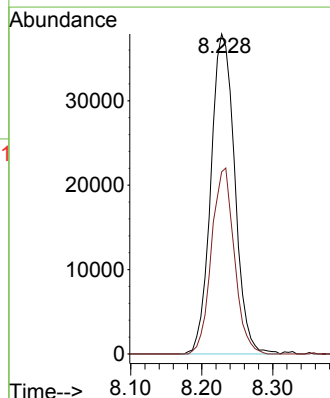
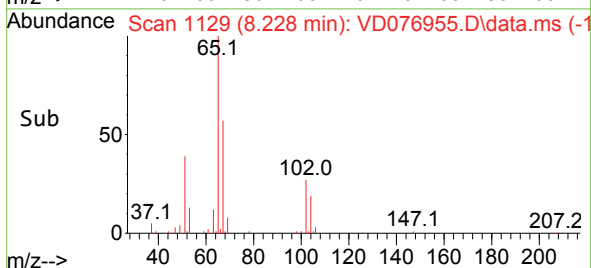
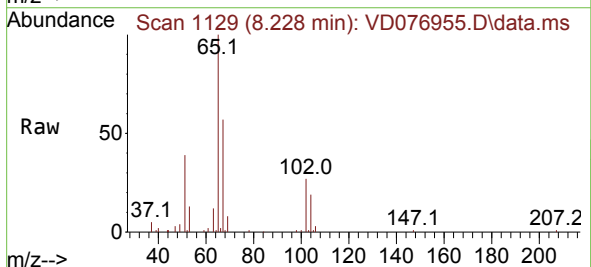


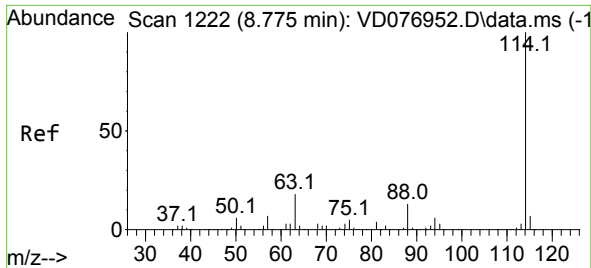
Tgt Ion: 56 Resp: 4063
Ion Ratio Lower Upper
56 100
69 116.7 28.6 43.0#
84 139.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 62.502 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

Tgt Ion: 65 Resp: 88499
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0

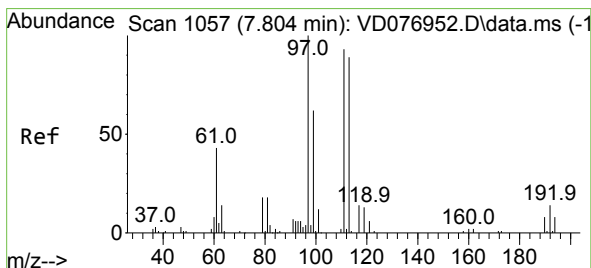
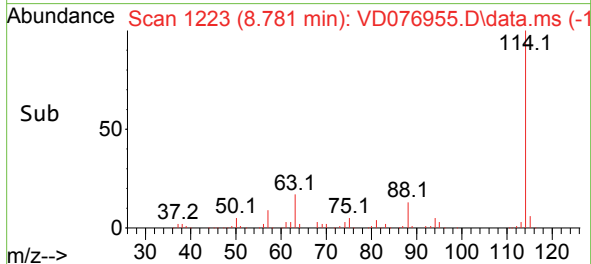
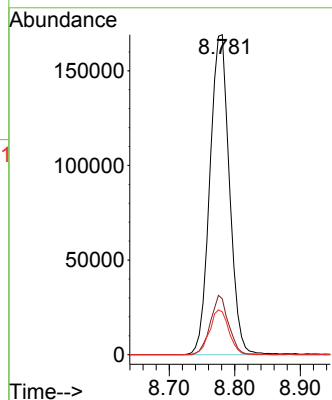
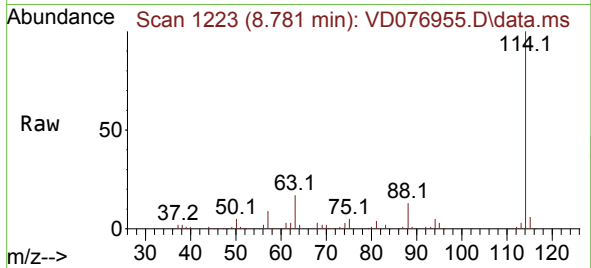




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

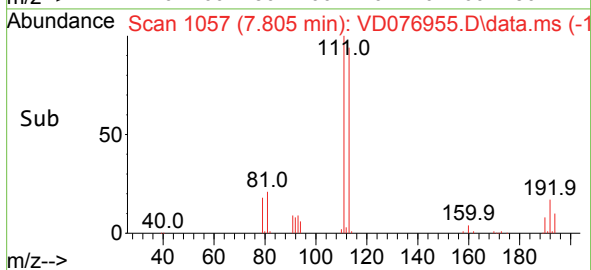
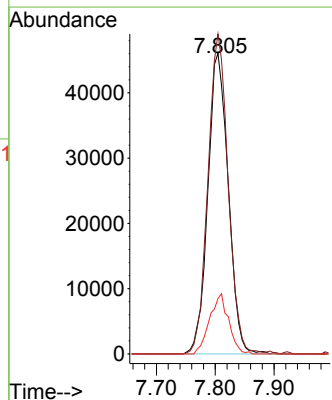
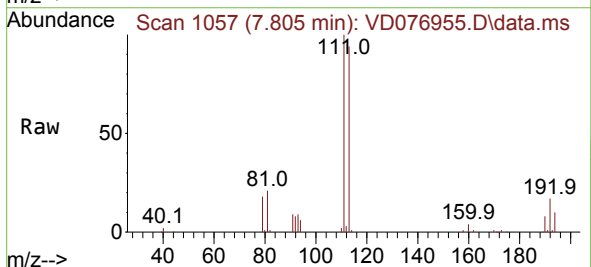
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

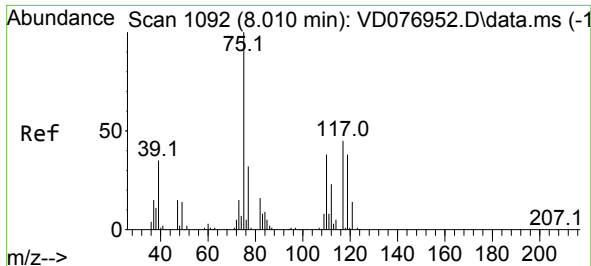
Tgt Ion:114 Resp: 350559
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.4
88 13.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 59.020 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

Tgt Ion:113 Resp: 111233
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 18.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.873 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

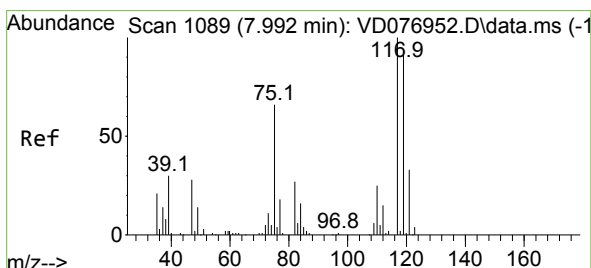
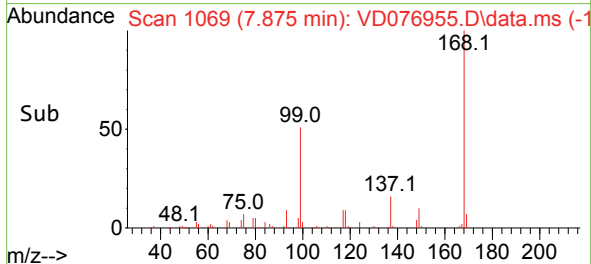
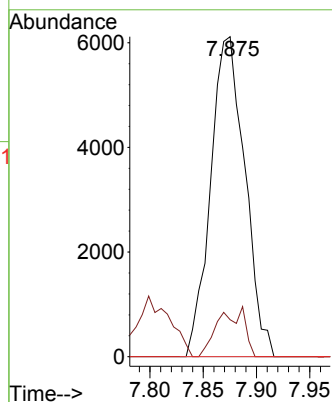
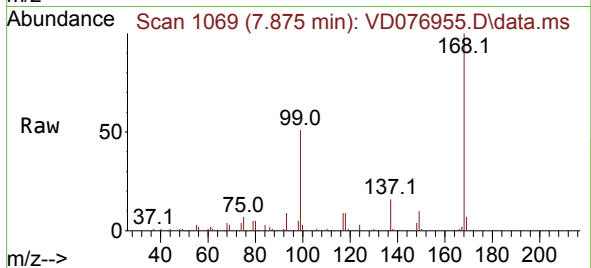
Tgt Ion: 75 Resp: 13688

Ion Ratio Lower Upper

75 100

110 12.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.762 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

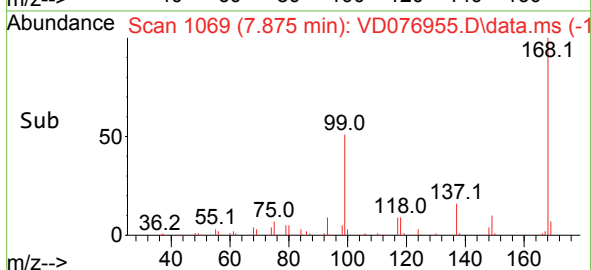
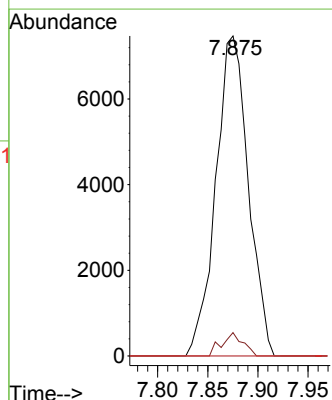
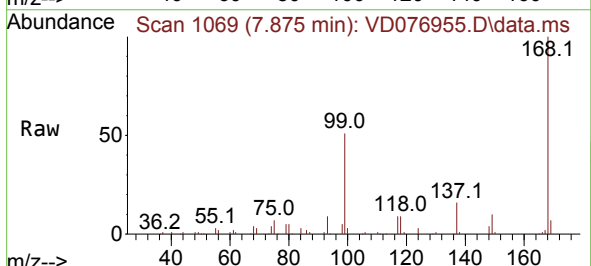
Tgt Ion: 117 Resp: 16866

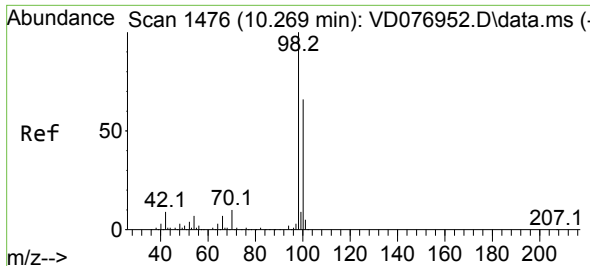
Ion Ratio Lower Upper

117 100

119 7.3 78.0 117.0#

121 0.0 24.2 36.2#

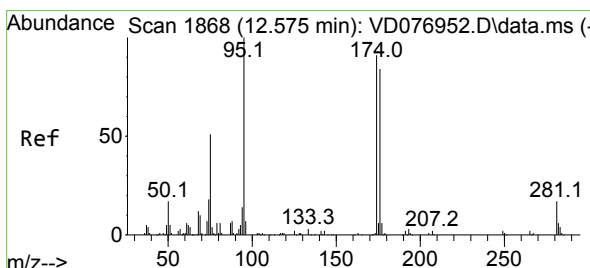
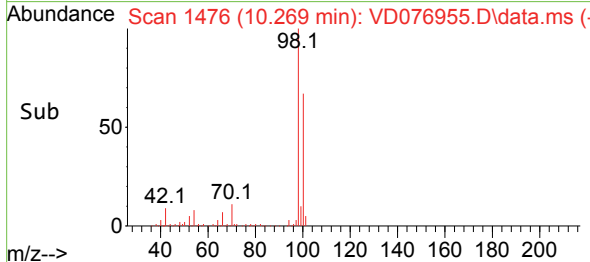
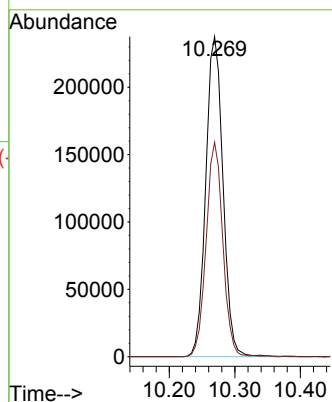
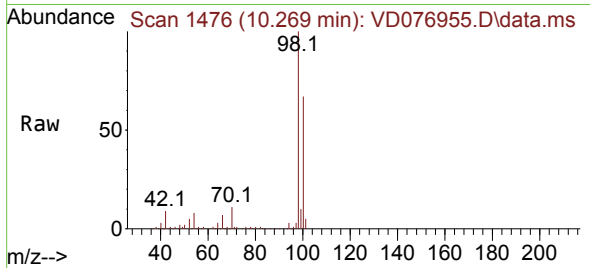




#50
Toluene-d8
Concen: 71.681 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

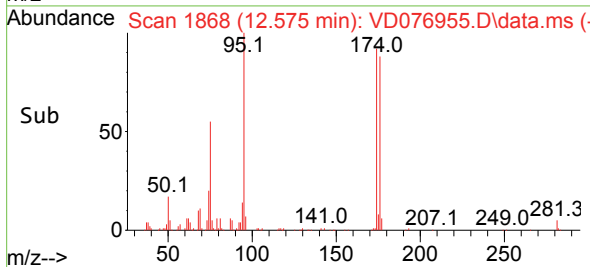
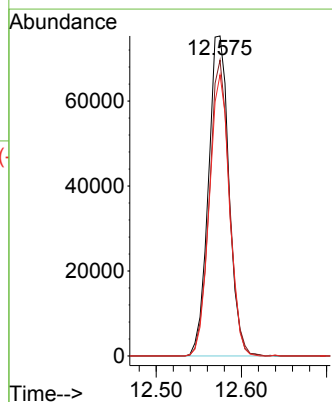
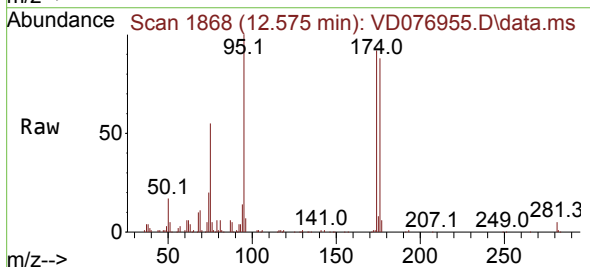
Instrument :
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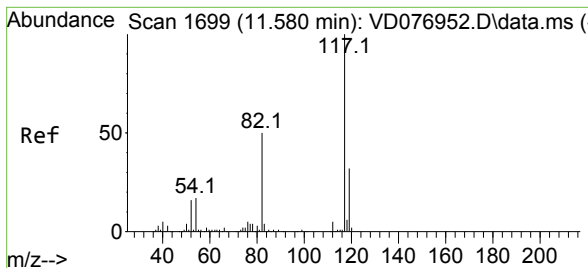
Tgt Ion: 98 Resp: 433905
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.649 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

Tgt Ion: 95 Resp: 126227
Ion Ratio Lower Upper
95 100
174 90.0 0.0 201.8
176 86.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

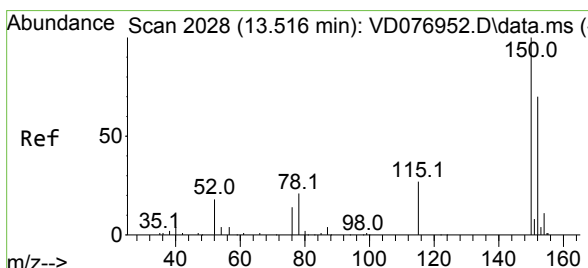
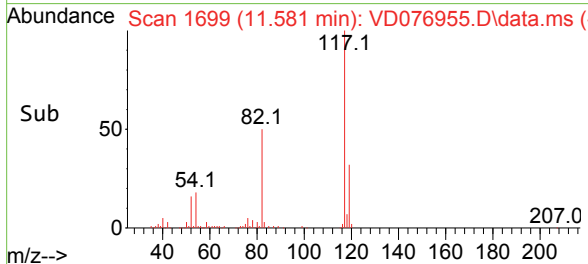
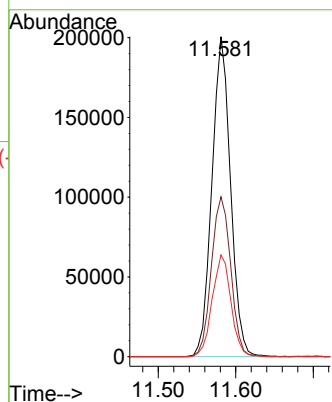
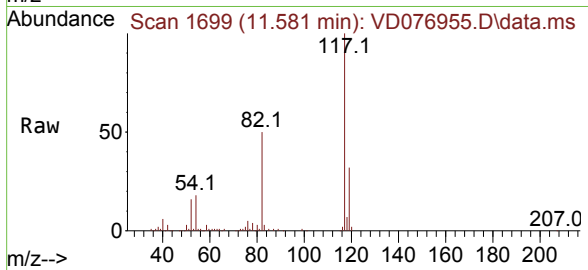
Tgt Ion:117 Resp: 334713

Ion Ratio Lower Upper

117 100

82 50.0 38.3 57.5

119 31.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

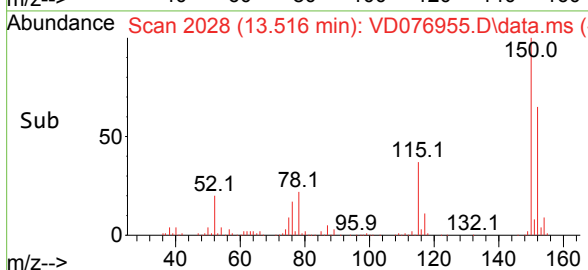
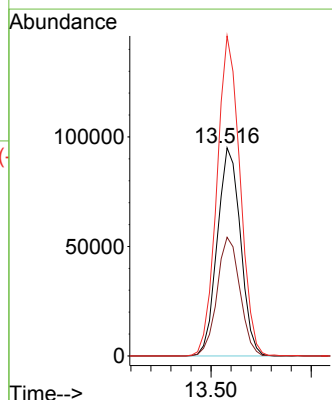
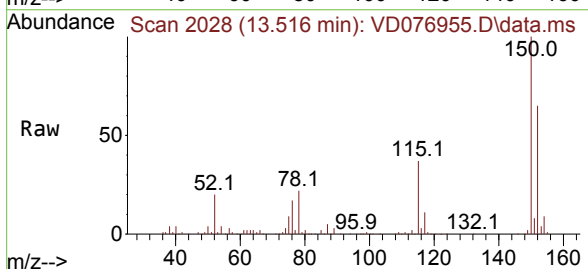
Tgt Ion:152 Resp: 152447

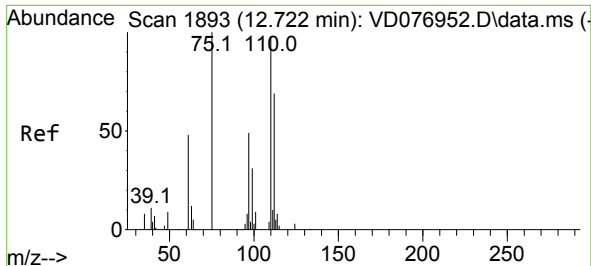
Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 153.7 0.0 353.6

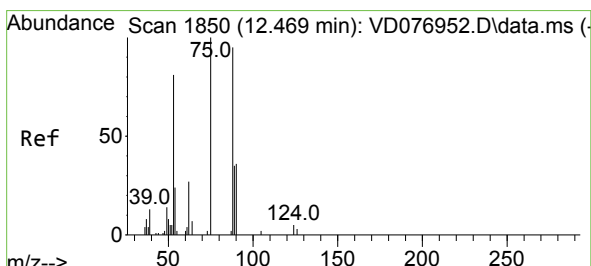
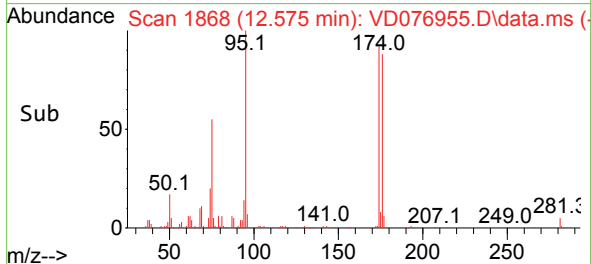
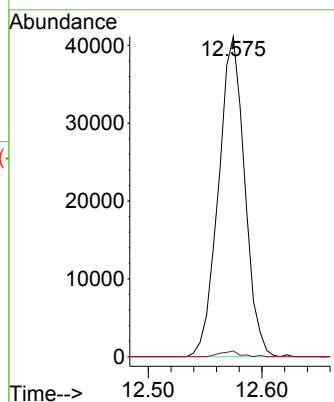
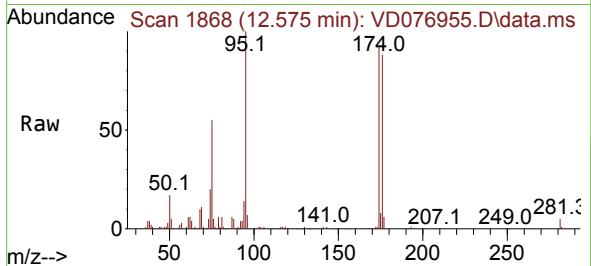




#76
1,2,3-Trichloropropane
Concen: 45.990 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

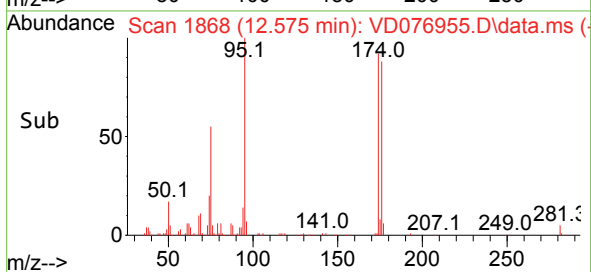
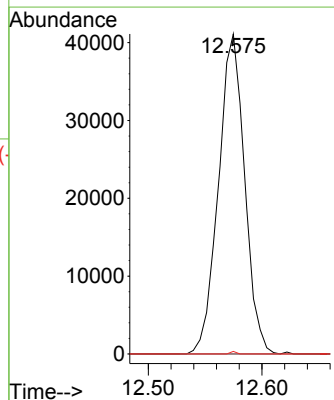
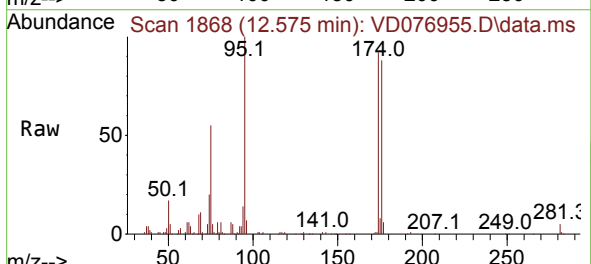
Instrument :
MSVOA_D
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VIBLK

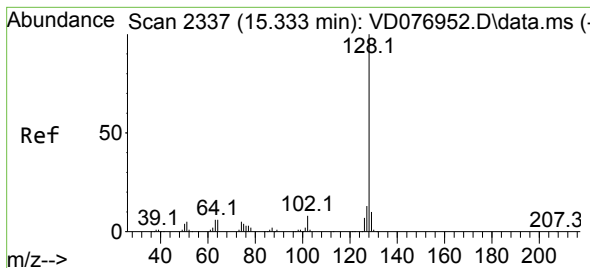
Tgt Ion: 75 Resp: 65770
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.049 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

Tgt Ion: 75 Resp: 65770
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#





#95

Naphthalene

Concen: 1.415 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

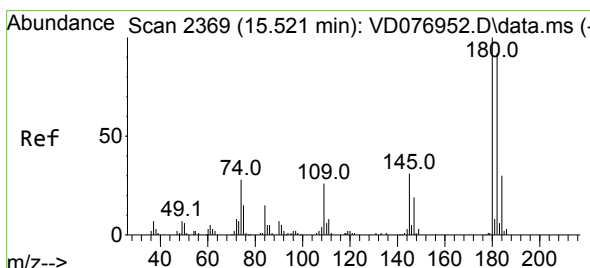
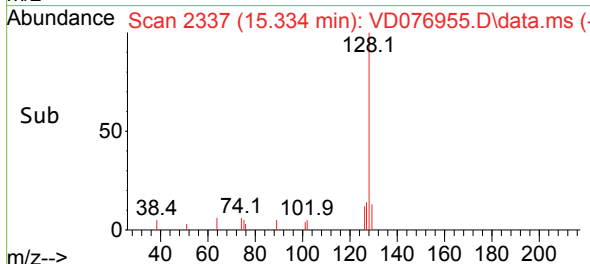
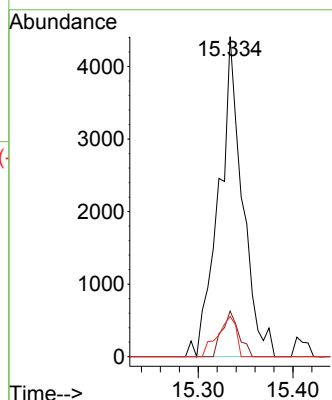
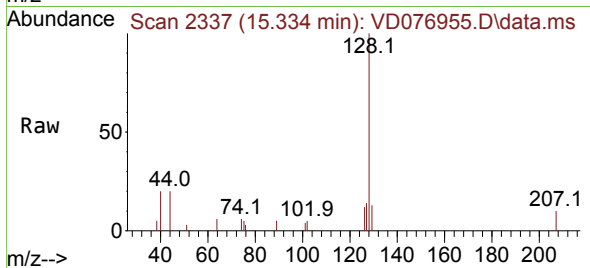
Tgt Ion:128 Resp: 7665

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 12.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.066 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

Tgt Ion:180 Resp: 2531

Ion Ratio Lower Upper

180 100

182 113.6 47.3 141.9

145 32.2 15.1 45.3

