

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076880.D
 Acq On : 31 Jul 2023 17:53
 Operator : KP/SY
 Sample : 03842-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 342

Quant Time: Aug 01 02:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

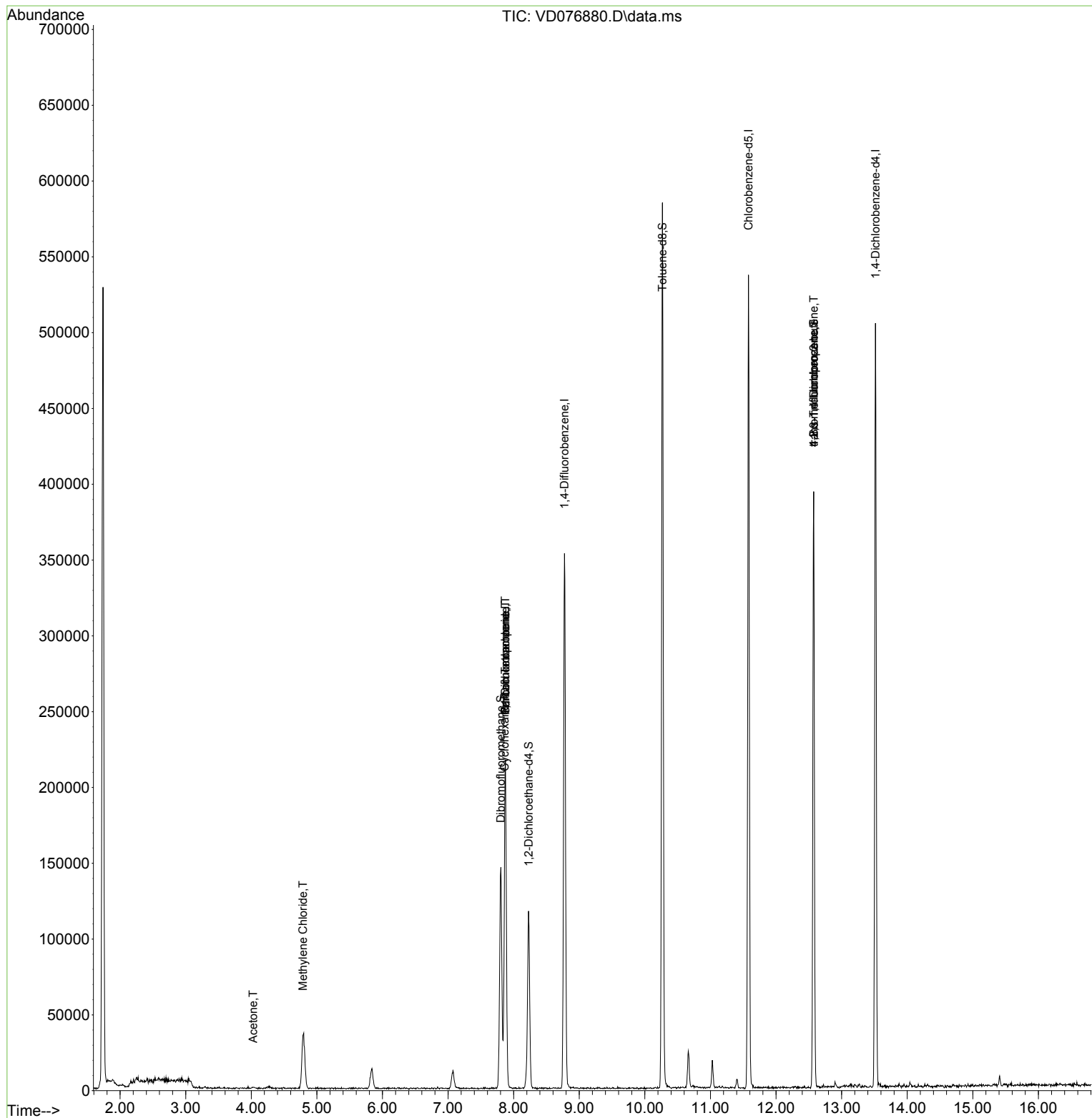
Internal Standards						
1) Pentafluorobenzene	7.875	168	166106	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	325079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86094	52.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.080%	
35) Dibromofluoromethane	7.805	113	107029	52.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.269	98	403103	55.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.320%	
62) 4-Bromofluorobenzene	12.575	95	117362	49.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	508	1.286	ug/l	# 1
20) Methylene Chloride	4.787	84	29281	2.702	ug/l	# 86
31) Cyclohexane	7.863	56	3675	1.509	ug/l	# 9
36) 1,1-Dichloropropene	7.875	75	14240	5.335	ug/l	# 43
38) Carbon Tetrachloride	7.875	117	16947	6.630	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	63659	48.162	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	63659	102.500	ug/l	# 17

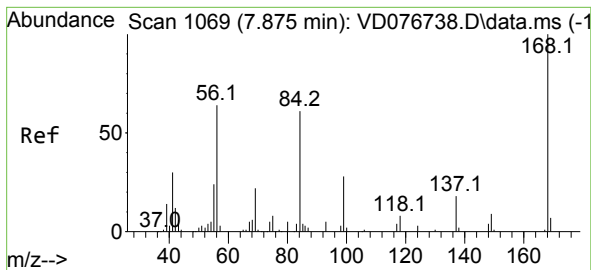
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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: VD076880.D

Acq: 31 Jul 2023 17:53

Instrument :

MSVOA_D

ClientSampleId :

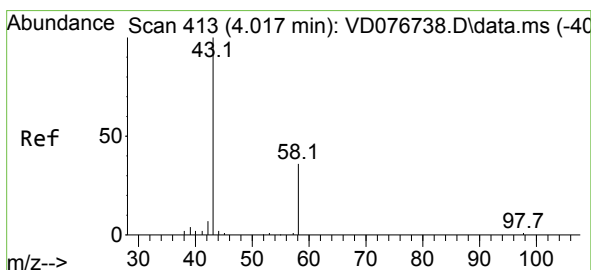
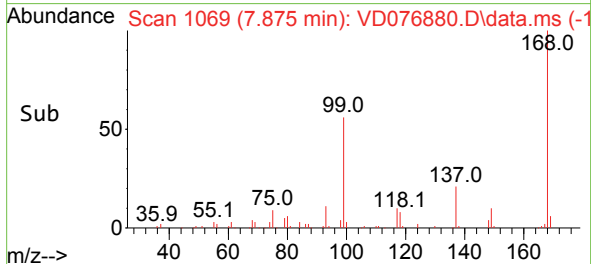
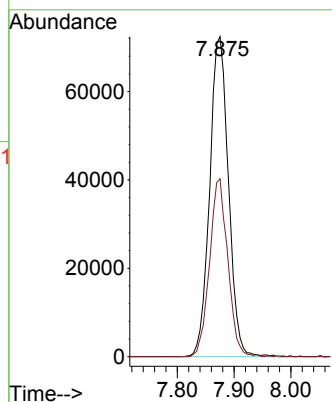
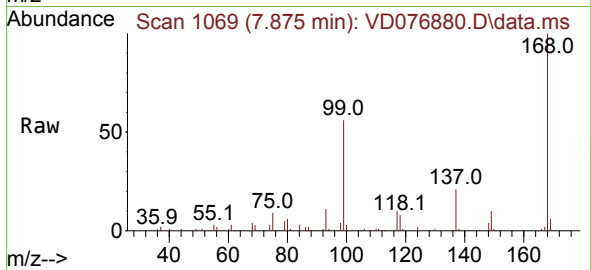
342

Tgt Ion:168 Resp: 166106

Ion Ratio Lower Upper

168 100

99 55.6 36.7 55.1#



#16

Acetone

Concen: 1.286 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.011 min

Lab File: VD076880.D

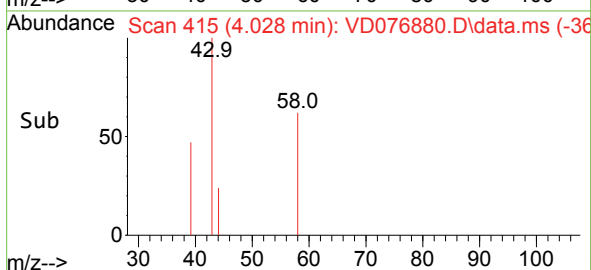
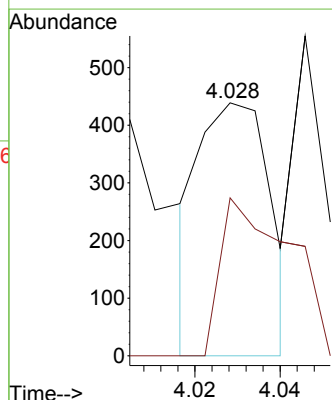
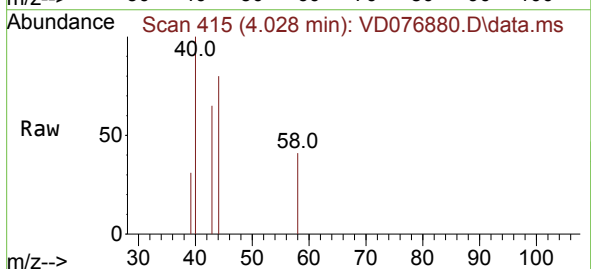
Acq: 31 Jul 2023 17:53

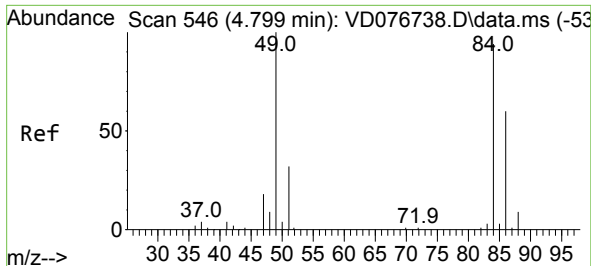
Tgt Ion: 43 Resp: 508

Ion Ratio Lower Upper

43 100

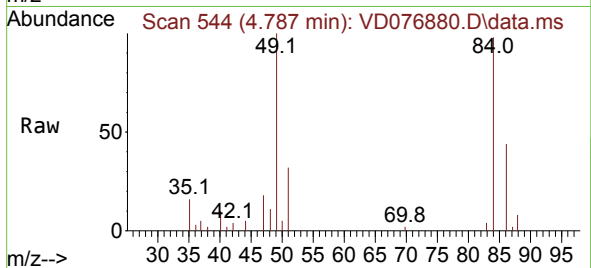
58 108.3 34.7 52.1#



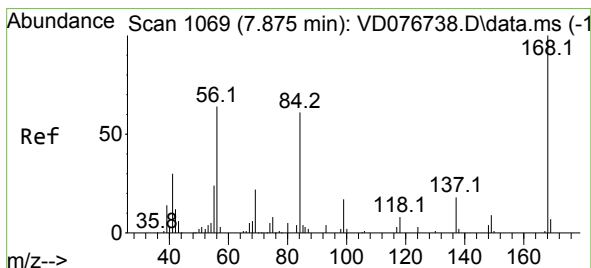
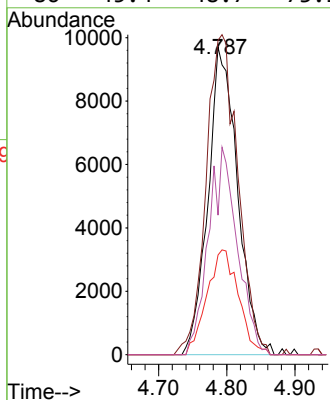
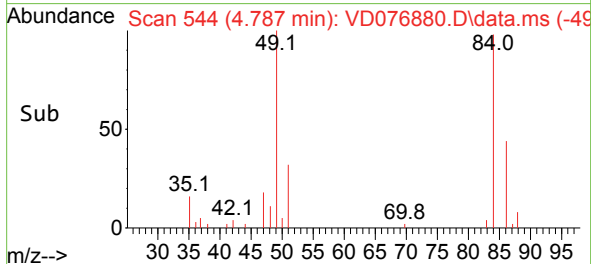


#20
Methylene Chloride
Concen: 2.702 ug/l
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

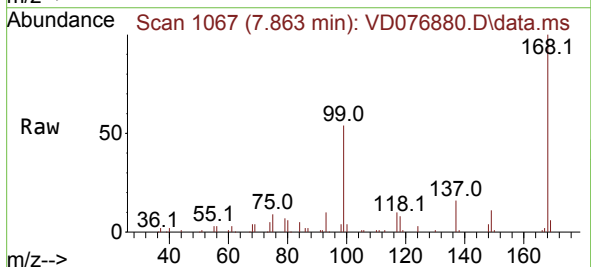
Instrument :
MSVOA_D
ClientSampleId :
342



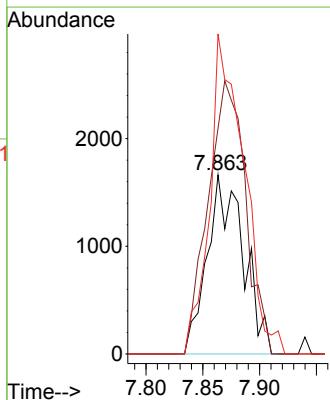
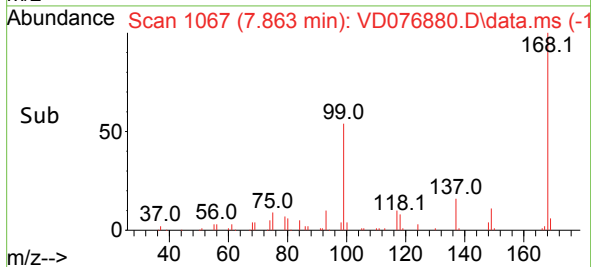
Tgt Ion: 84 Resp: 29281
Ion Ratio Lower Upper
84 100
49 102.3 71.4 107.2
51 32.4 24.5 36.7
86 45.4 48.7 73.1#

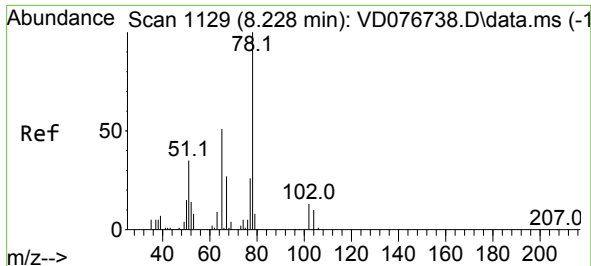


#31
Cyclohexane
Concen: 1.509 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53



Tgt Ion: 56 Resp: 3675
Ion Ratio Lower Upper
56 100
69 126.1 28.6 43.0#
84 178.7 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 52.037 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076880.D

Acq: 31 Jul 2023 17:53

Instrument :

MSVOA_D

ClientSampleId :

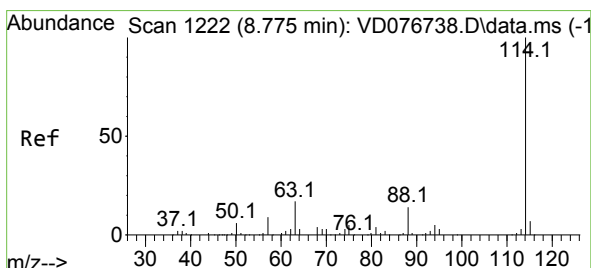
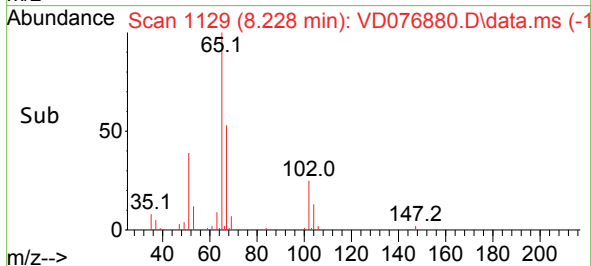
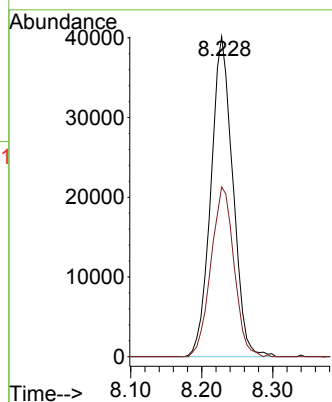
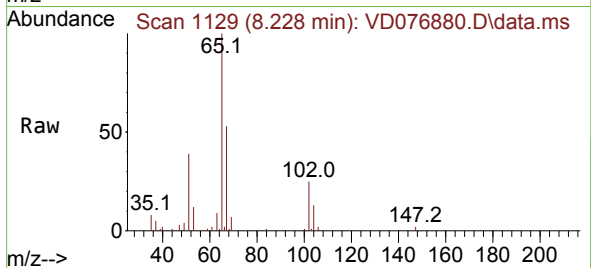
342

Tgt Ion: 65 Resp: 86094

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076880.D

Acq: 31 Jul 2023 17:53

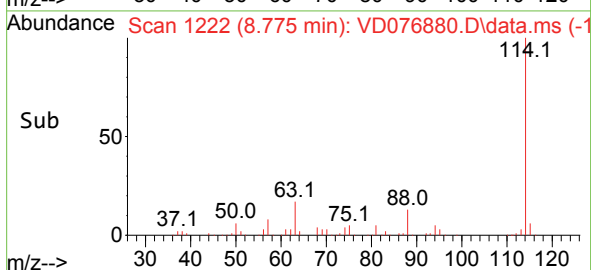
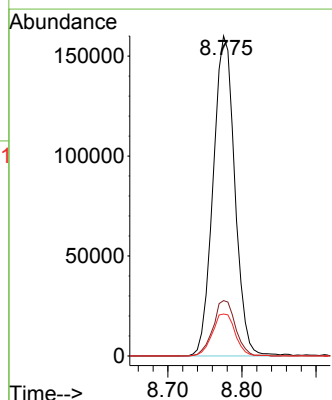
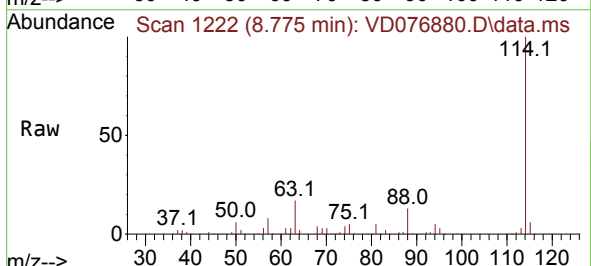
Tgt Ion: 114 Resp: 325079

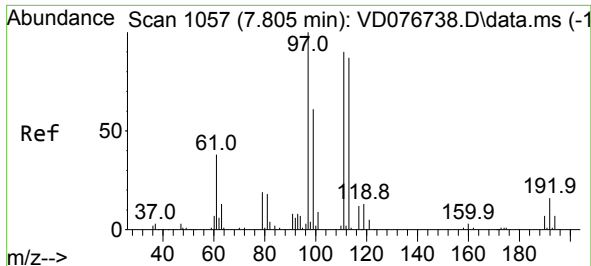
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

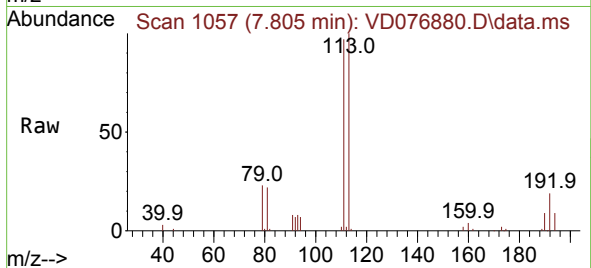
88 13.1 0.0 26.2



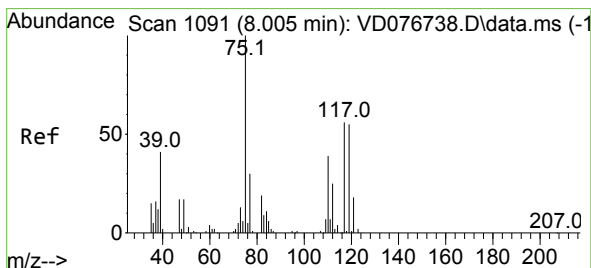
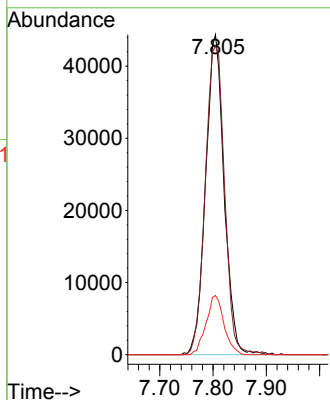
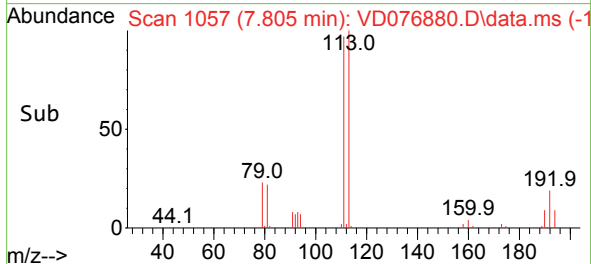


#35
Dibromofluoromethane
Concen: 52.393 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

Instrument :
MSVOA_D
ClientSampleId :
342

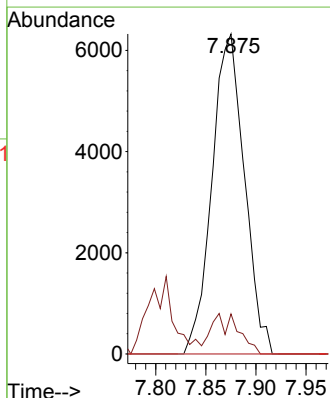
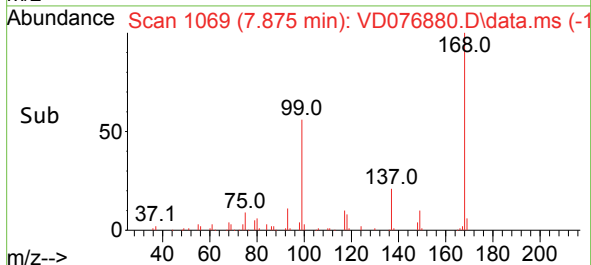
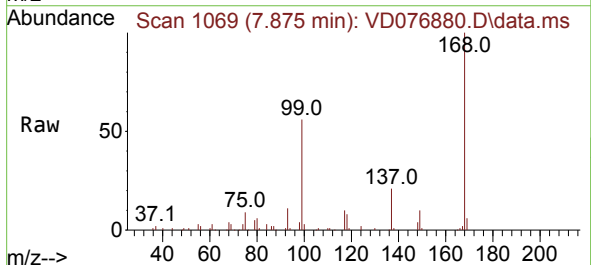


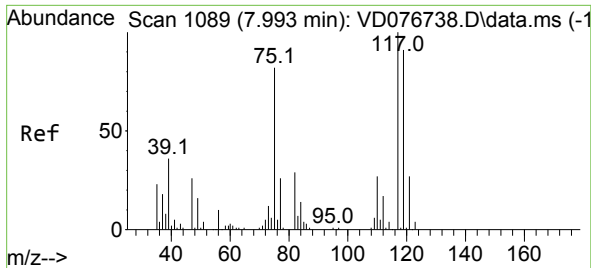
Tgt Ion:113 Resp: 107029
Ion Ratio Lower Upper
113 100
111 100.6 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.335 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

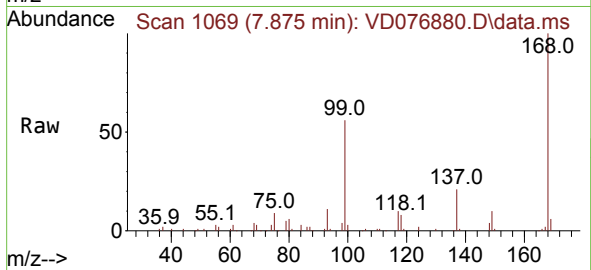
Tgt Ion: 75 Resp: 14240
Ion Ratio Lower Upper
75 100
110 3.8 19.9 59.6#
77 0.0 24.7 37.1#



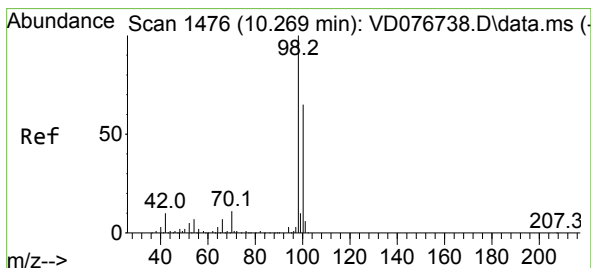
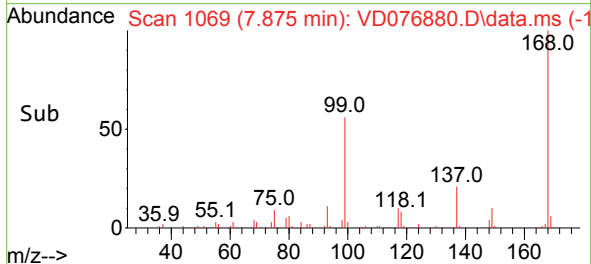
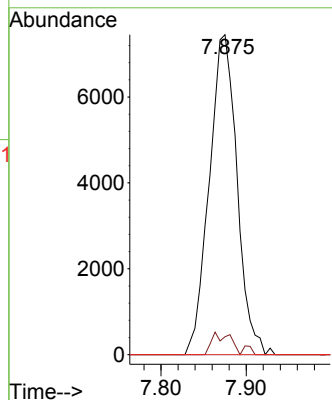


#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

Instrument :
MSVOA_D
ClientSampleId :
342

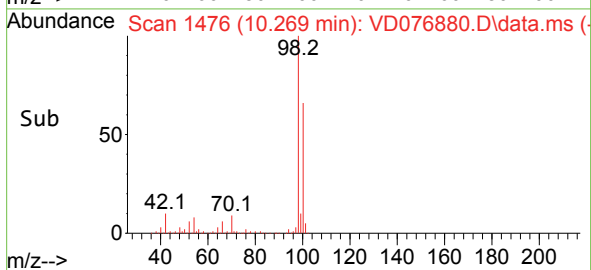
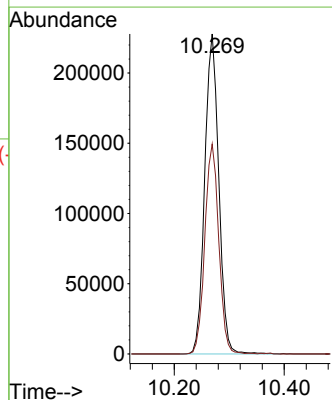
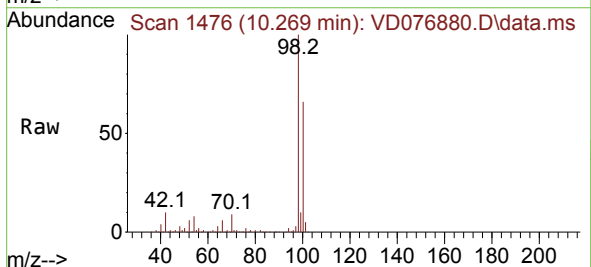


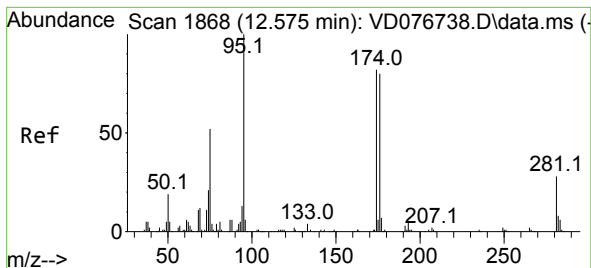
Tgt Ion:117 Resp: 16947
Ion Ratio Lower Upper
117 100
119 5.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.160 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

Tgt Ion: 98 Resp: 403103
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

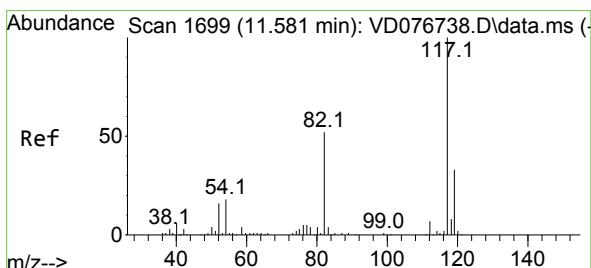
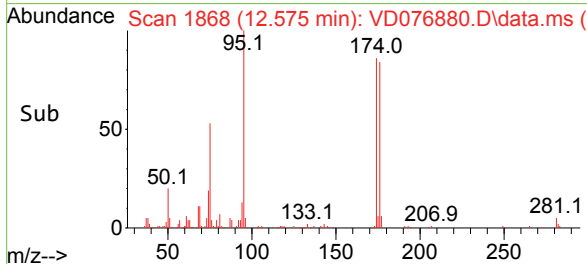
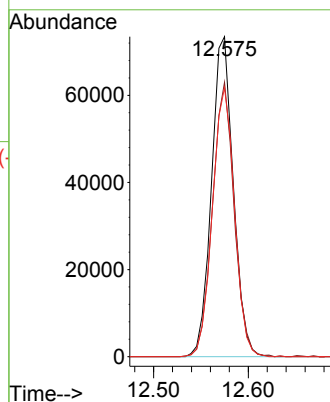
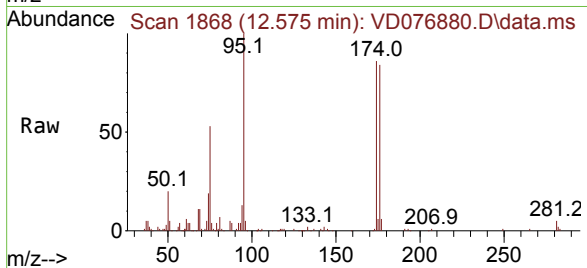




#62
4-Bromofluorobenzene
Concen: 49.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

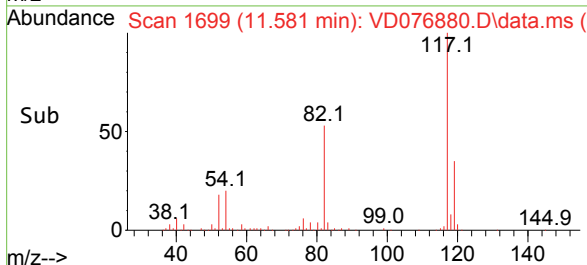
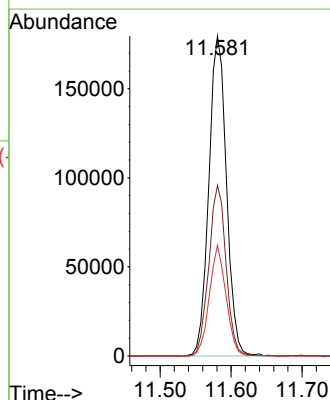
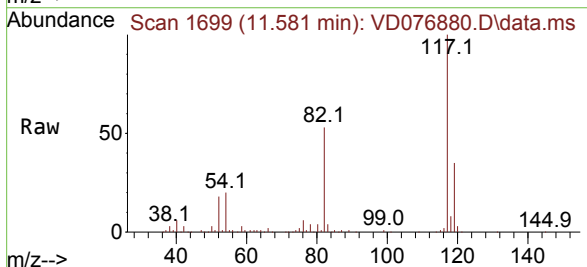
Instrument :
MSVOA_D
ClientSampleId :
342

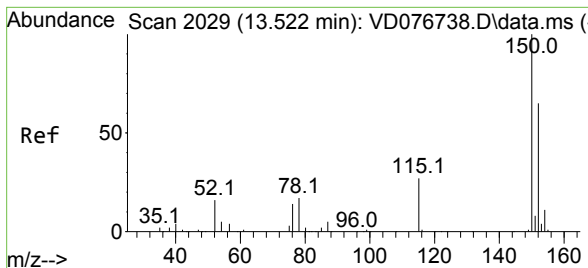
Tgt Ion: 95 Resp: 117362
Ion Ratio Lower Upper
95 100
174 85.2 0.0 201.8
176 85.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076880.D
Acq: 31 Jul 2023 17:53

Tgt Ion: 117 Resp: 310225
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 34.6 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD076880.D

Acq: 31 Jul 2023 17:53

Instrument :

MSVOA_D

ClientSampleId :

342

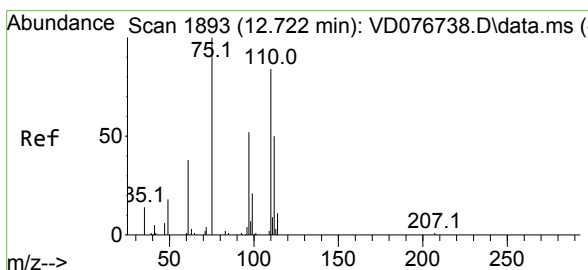
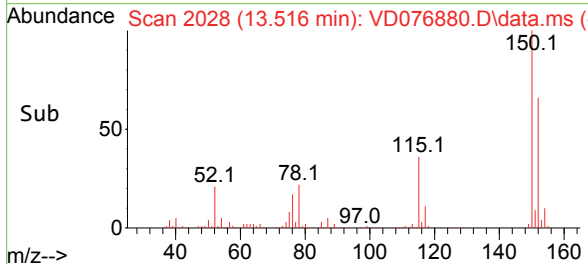
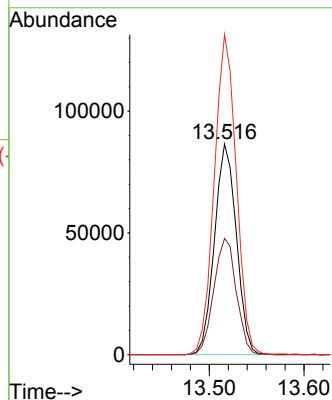
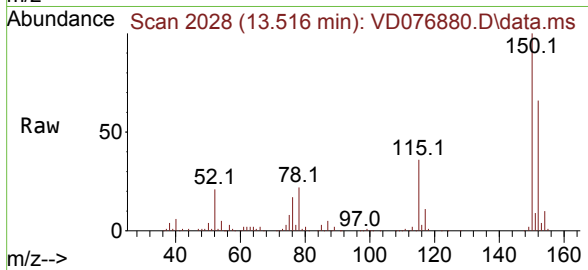
Tgt Ion:152 Resp: 138990

Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 152.9 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 48.162 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076880.D

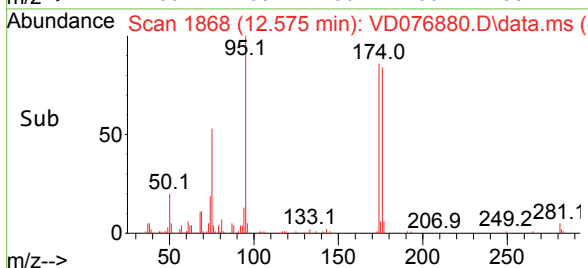
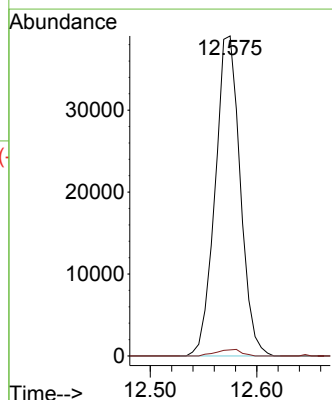
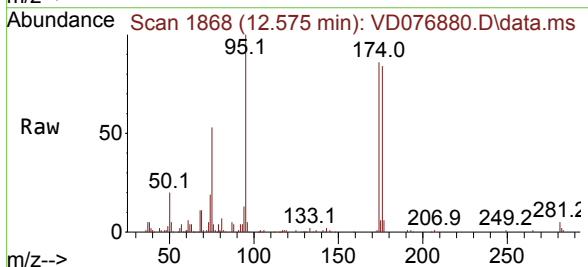
Acq: 31 Jul 2023 17:53

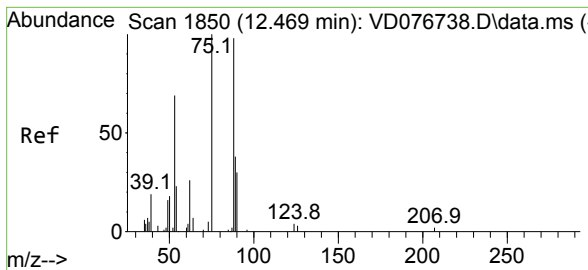
Tgt Ion: 75 Resp: 63659

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.500 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076880.D
 Acq: 31 Jul 2023 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 342

Tgt Ion:	75	Resp:	63659
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

