

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076781.D
 Acq On : 18 Jul 2023 16:42
 Operator : KP/SY
 Sample : 03639-31
 Misc : 5.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10

Quant Time: Jul 19 06:45:27 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)

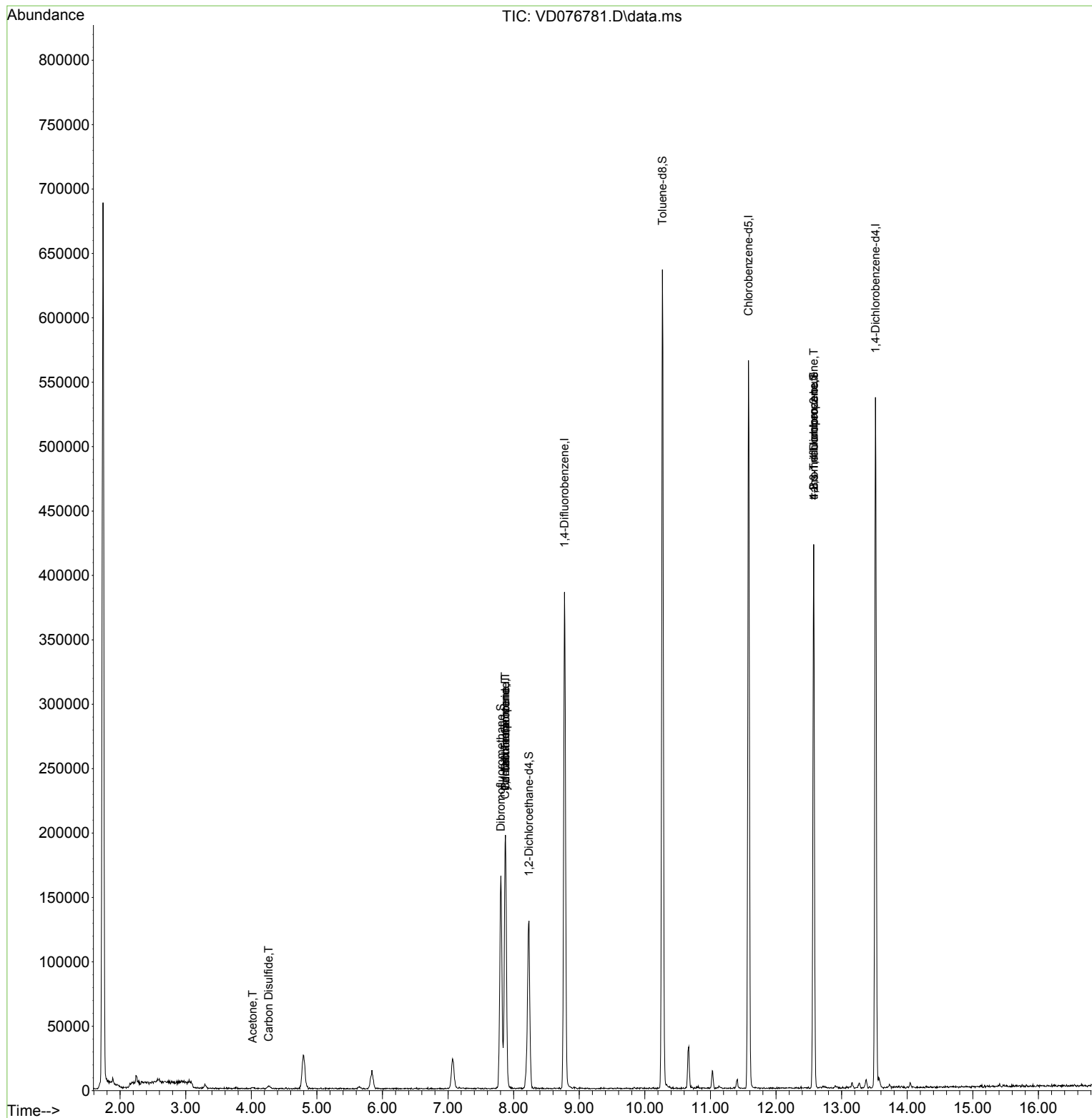
Internal Standards						
1) Pentafluorobenzene	7.875	168	153708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	350249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	98902	64.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.200%	
35) Dibromofluoromethane	7.804	113	118491	53.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.269	98	439394	55.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.575	95	125404	49.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1110	3.036	ug/l #	32
17) Carbon Disulfide	4.263	76	4493	1.267	ug/l	98
20) Methylene Chloride	4.799	84	21512	Below Cal		90
31) Cyclohexane	7.869	56	3264	1.449	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12702	4.416	ug/l #	48
38) Carbon Tetrachloride	7.875	117	15731	5.712	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	66694	48.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	66694	104.280	ug/l #	17

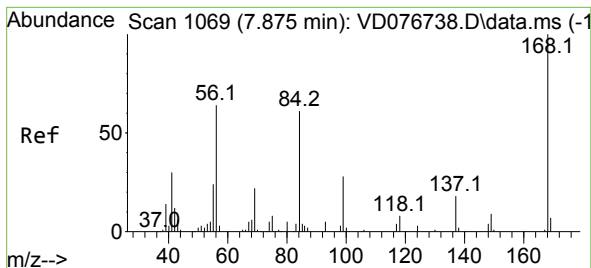
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 06:45:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076781.D

Acq: 18 Jul 2023 16:42

Instrument :

MSVOA_D

ClientSampleId :

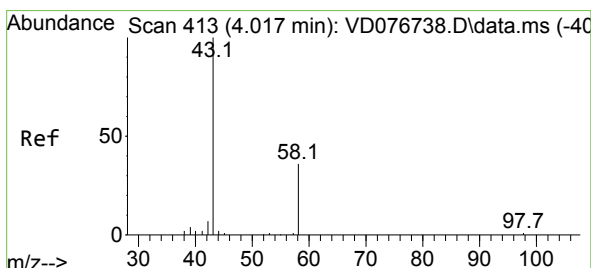
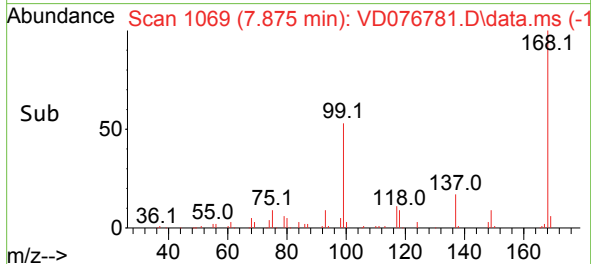
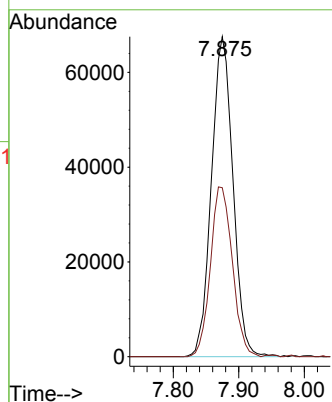
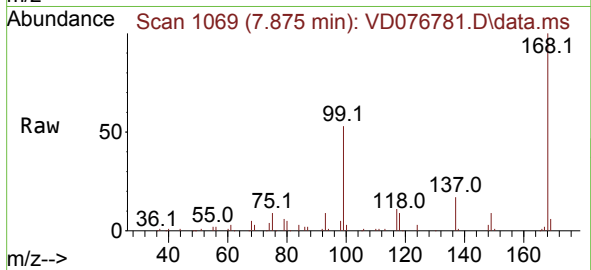
TP10

Tgt Ion:168 Resp: 153708

Ion Ratio Lower Upper

168 100

99 52.8 36.7 55.1



#16

Acetone

Concen: 3.036 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076781.D

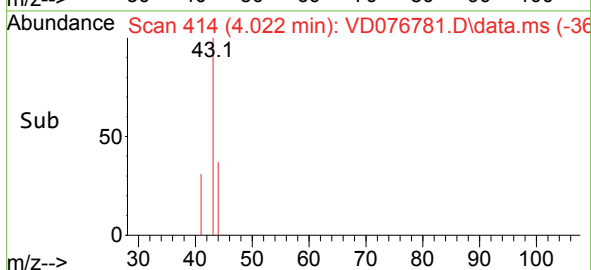
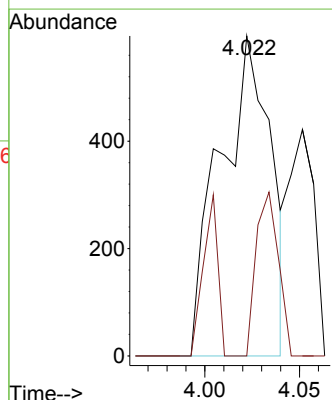
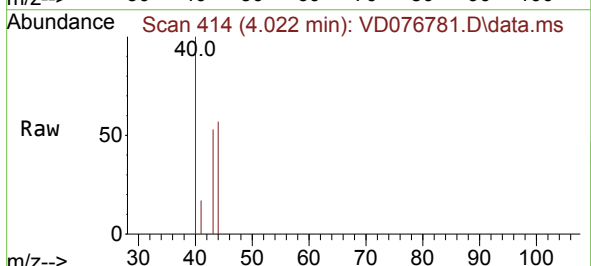
Acq: 18 Jul 2023 16:42

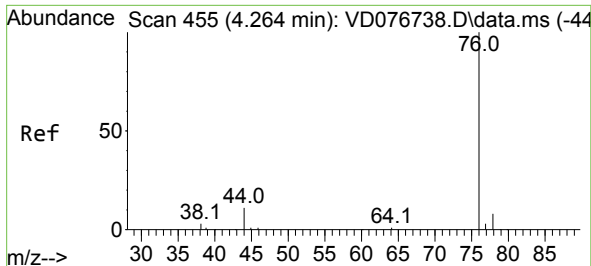
Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

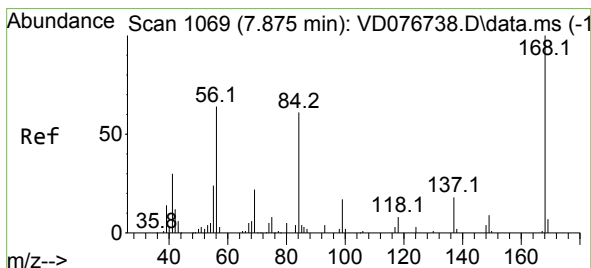
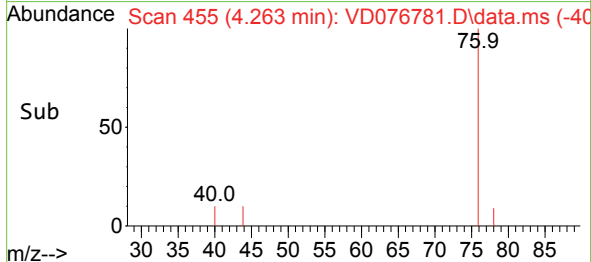
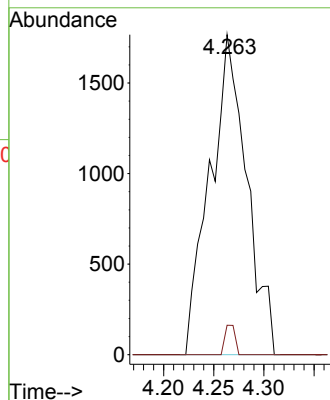
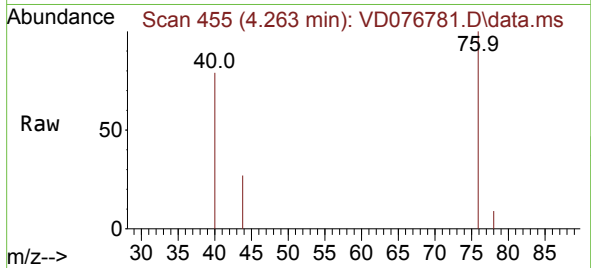




#17
Carbon Disulfide
Concen: 1.267 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

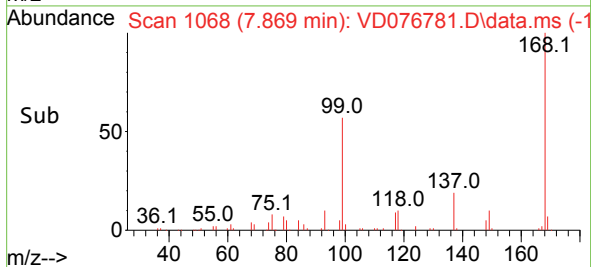
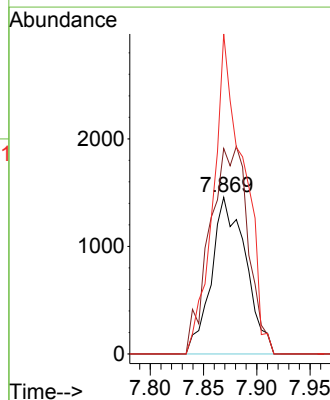
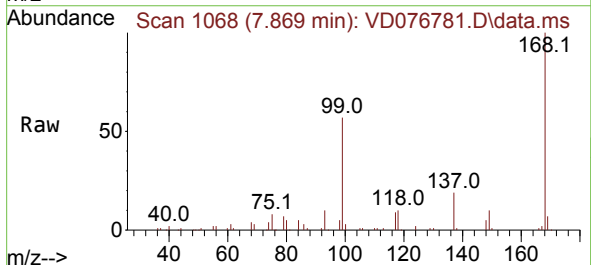
Instrument :
MSVOA_D
ClientSampleId :
TP10

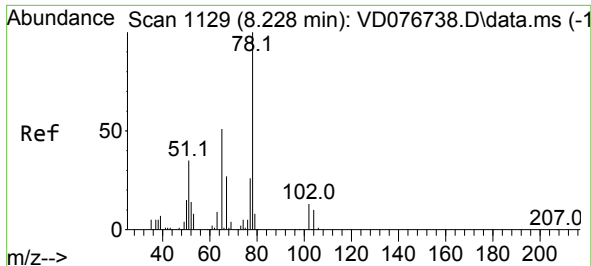
Tgt Ion: 76 Resp: 4493
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Tgt Ion: 56 Resp: 3264
Ion Ratio Lower Upper
56 100
69 131.1 28.6 43.0#
84 204.2 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 64.600 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076781.D

Acq: 18 Jul 2023 16:42

Instrument :

MSVOA_D

ClientSampleId :

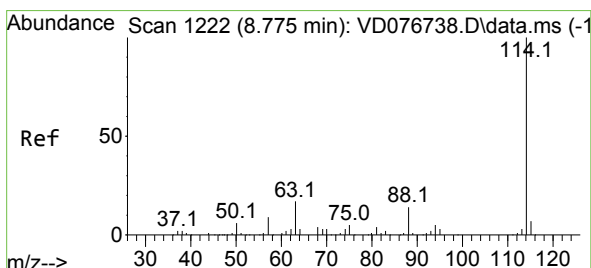
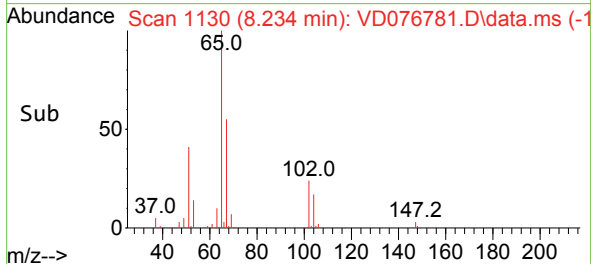
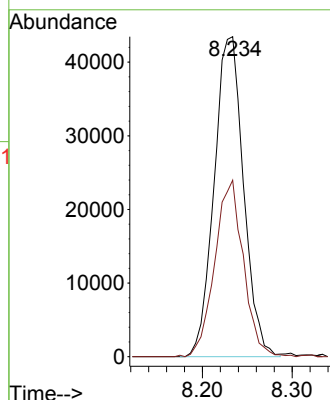
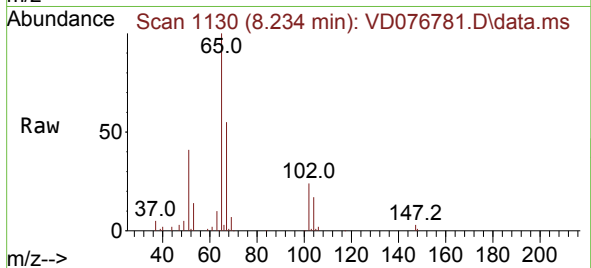
TP10

Tgt Ion: 65 Resp: 98902

Ion Ratio Lower Upper

65 100

67 53.7 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: VD076781.D

Acq: 18 Jul 2023 16:42

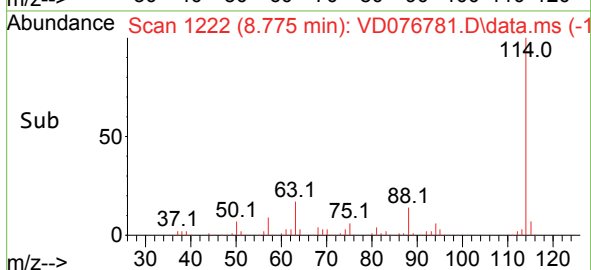
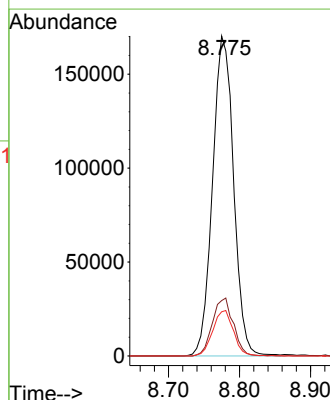
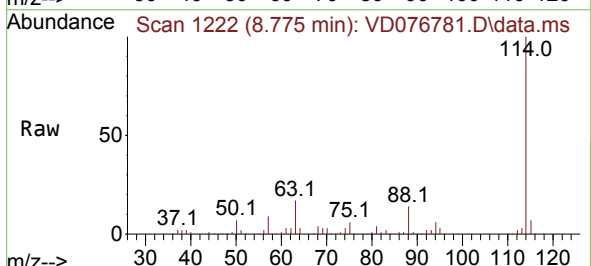
Tgt Ion: 114 Resp: 350249

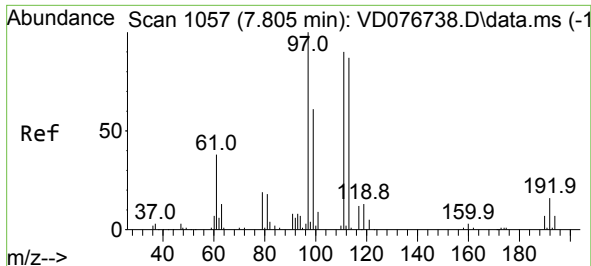
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

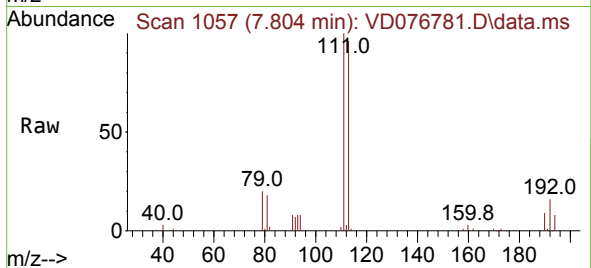
88 13.8 0.0 26.2



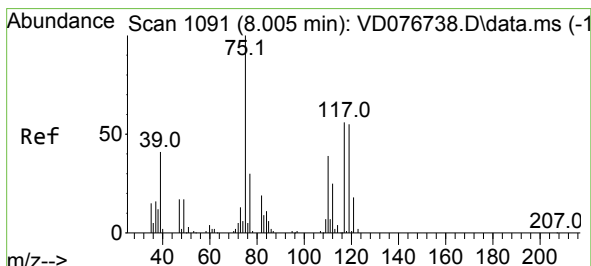
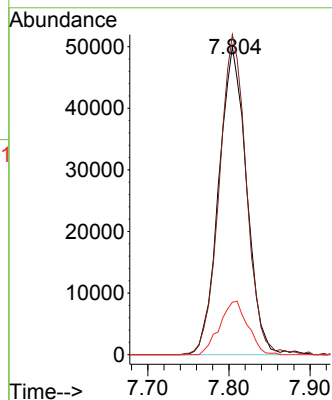
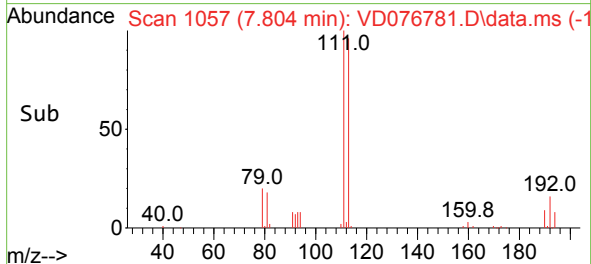


#35
Dibromofluoromethane
Concen: 53.835 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

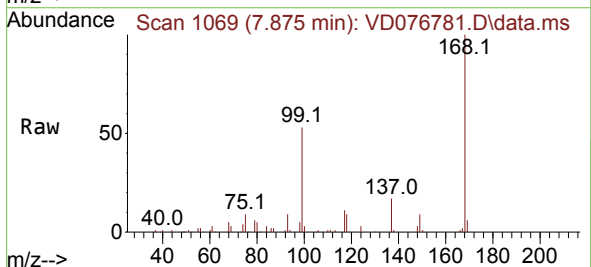
Instrument :
MSVOA_D
ClientSampleId :
TP10



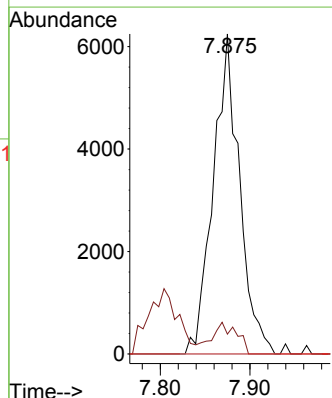
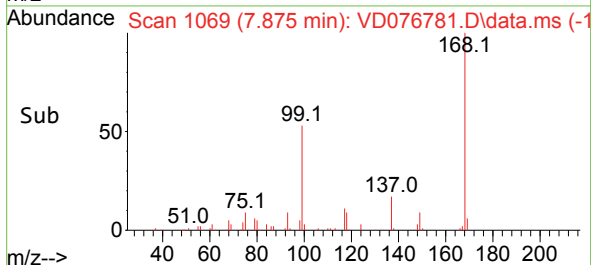
Tgt Ion:113 Resp: 118491
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 17.6 16.8 25.2

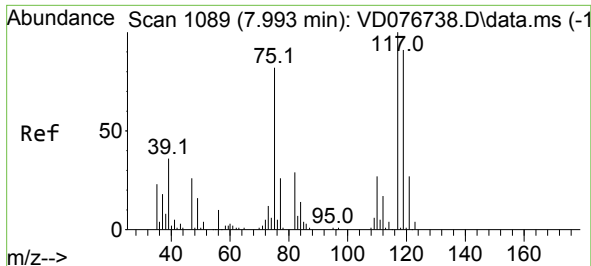


#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42



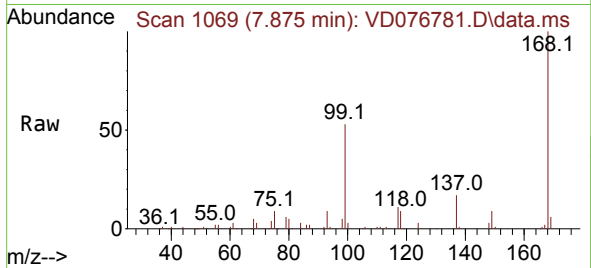
Tgt Ion: 75 Resp: 12702
Ion Ratio Lower Upper
75 100
110 9.5 19.9 59.6#
77 0.0 24.7 37.1#



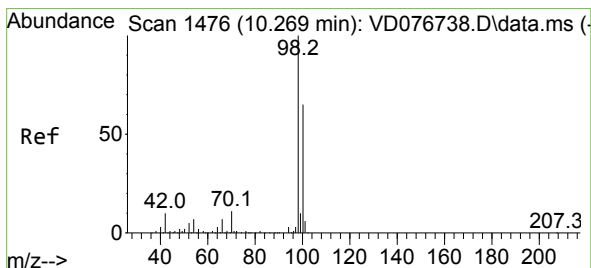
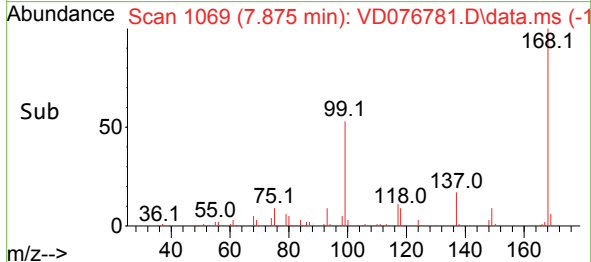
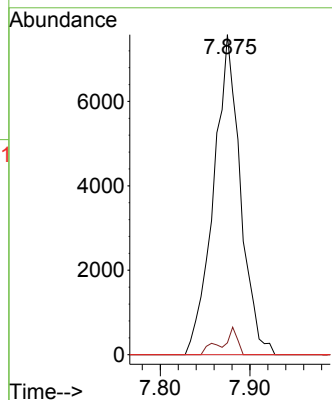


#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP10

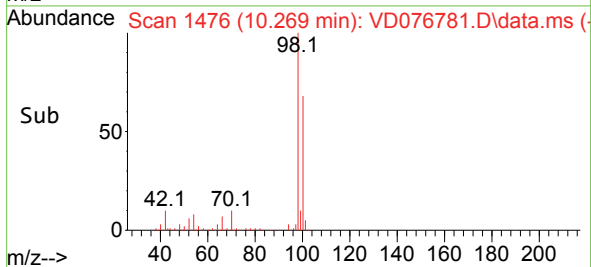
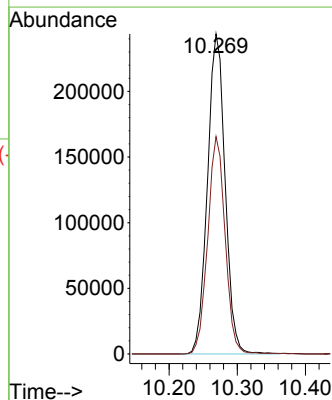
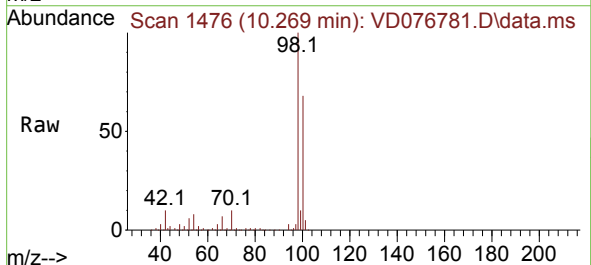


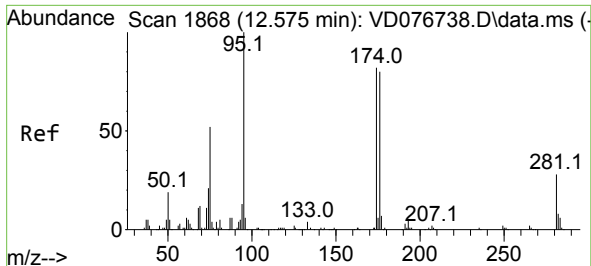
Tgt Ion:117 Resp: 15731
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.805 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Tgt Ion: 98 Resp: 439394
Ion Ratio Lower Upper
98 100
100 67.0 50.3 75.5

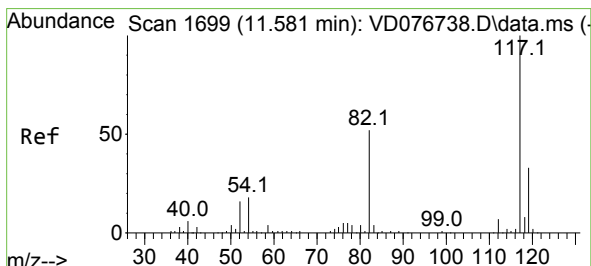
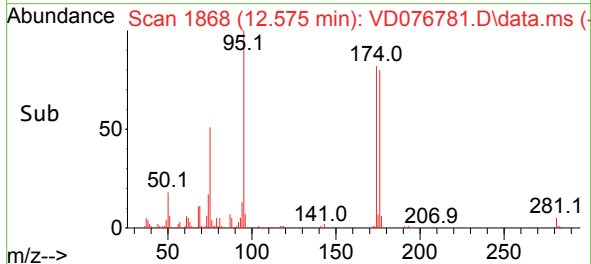
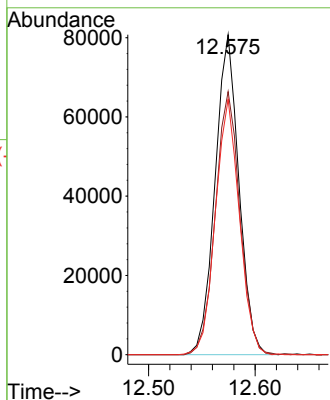
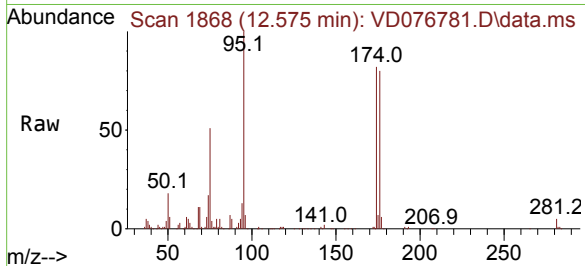




#62
4-Bromofluorobenzene
Concen: 49.233 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

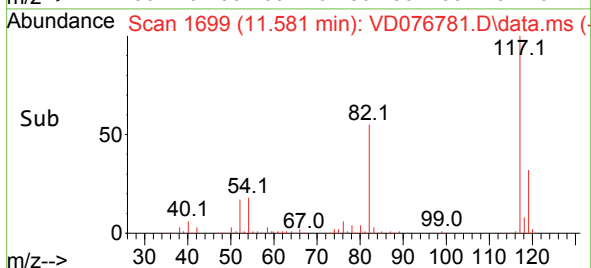
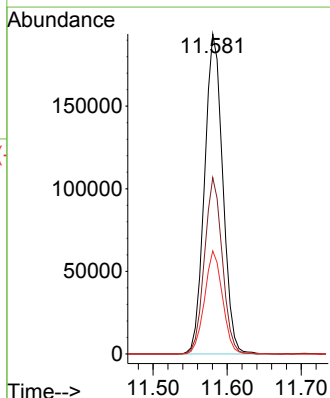
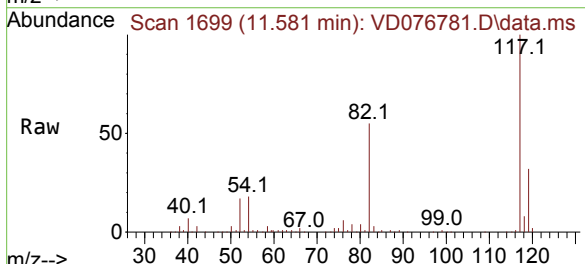
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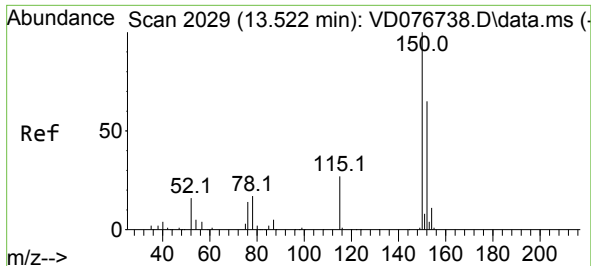
Tgt Ion: 95 Resp: 125404
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 80.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Tgt Ion: 117 Resp: 330489
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 32.2 25.0 37.4

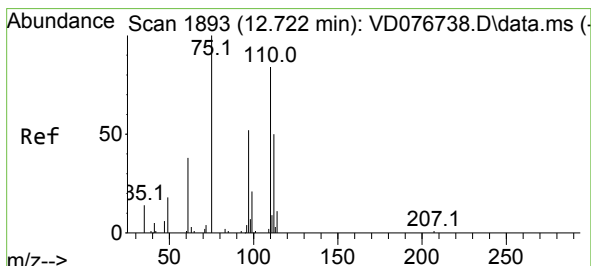
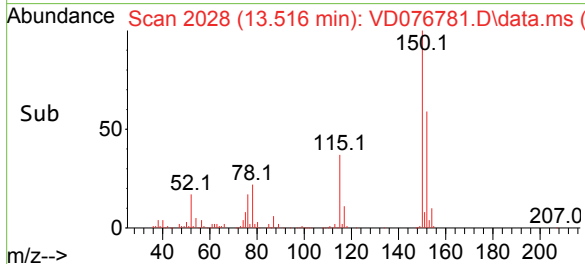
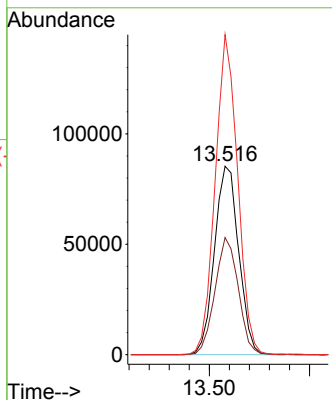
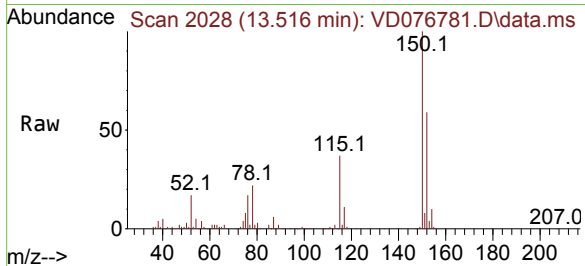




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076781.D
 Acq: 18 Jul 2023 16:42

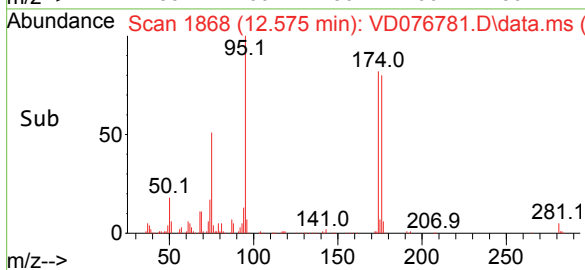
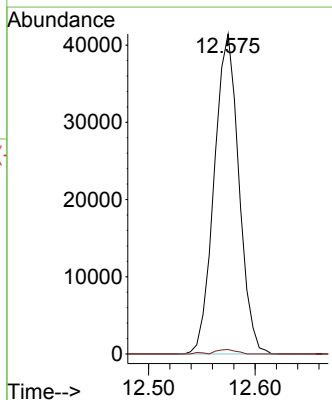
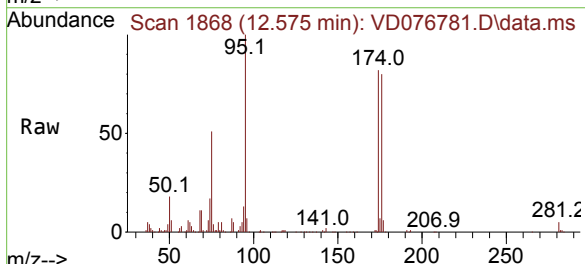
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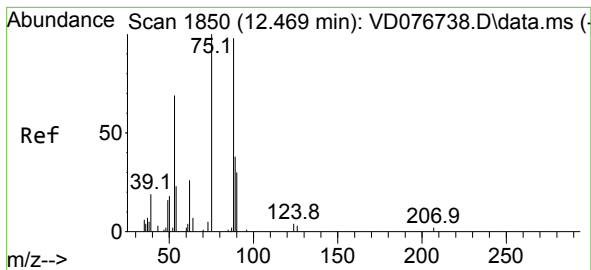
Tgt Ion:152 Resp: 143131
 Ion Ratio Lower Upper
 152 100
 115 60.1 27.1 81.3
 150 157.6 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.998 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076781.D
 Acq: 18 Jul 2023 16:42

Tgt Ion: 75 Resp: 66694
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.280 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076781.D
 Acq: 18 Jul 2023 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10

Tgt Ion: 75 Resp: 66694
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

