

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077011.D
 Acq On : 14 Aug 2023 19:58
 Operator : JC/SY
 Sample : 03973-11
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-11.5-12.0

Quant Time: Aug 15 04:51:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

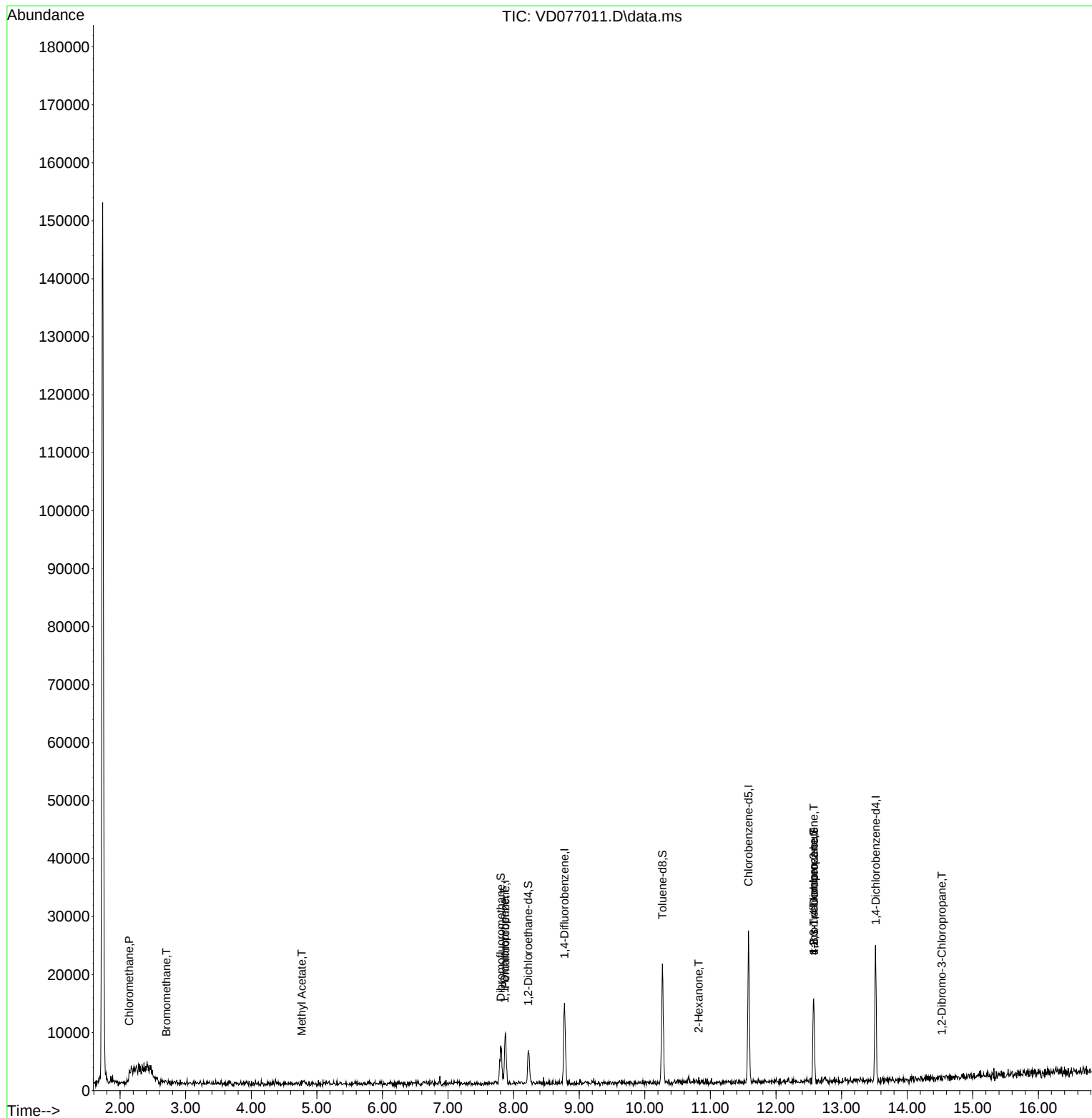
Internal Standards						
1) Pentafluorobenzene	7.875	168	7259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	14120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	4438	77.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.000%	
35) Dibromofluoromethane	7.805	113	4943	65.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.240%	
50) Toluene-d8	10.269	98	14767	60.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.140%	
62) 4-Bromofluorobenzene	12.575	95	4661	54.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	136	2.209	ug/l #	1
5) Bromomethane	2.705	94	288	3.509	ug/l #	12
18) Methyl Acetate	4.769	43	116	2.169	ug/l #	42
20) Methylene Chloride	4.805	84	189	Below Cal	#	26
36) 1,1-Dichloropropene	7.863	75	279	2.972	ug/l #	39
59) 2-Hexanone	10.822	43	54	1.766	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	2442	39.010	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2442	91.651	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.528	75	55	4.372	ug/l #	1

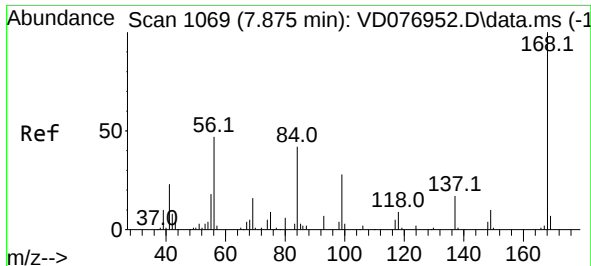
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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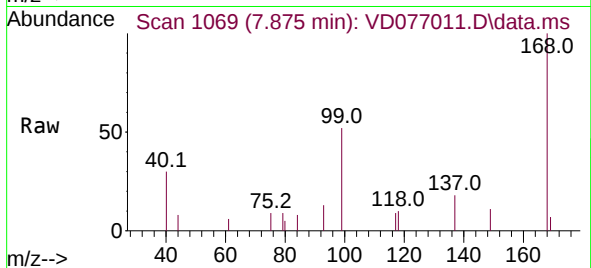
Quant Time: Aug 15 04:51:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 2023
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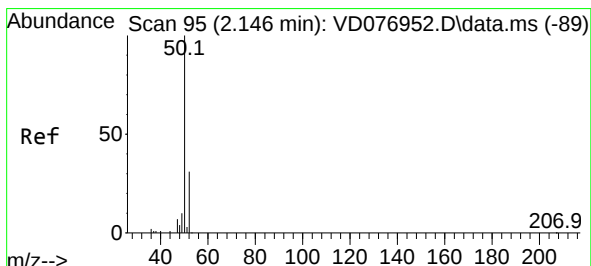
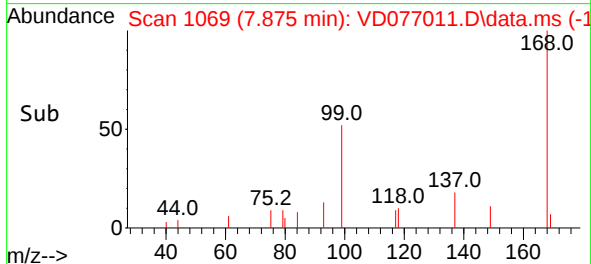
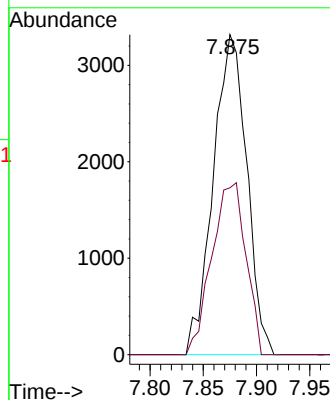


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

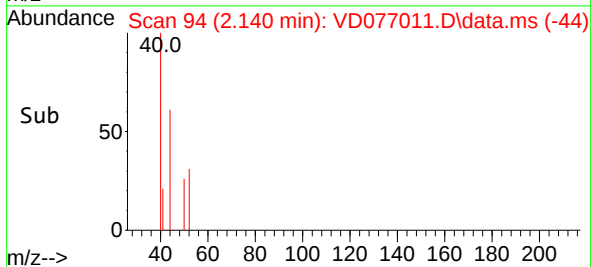
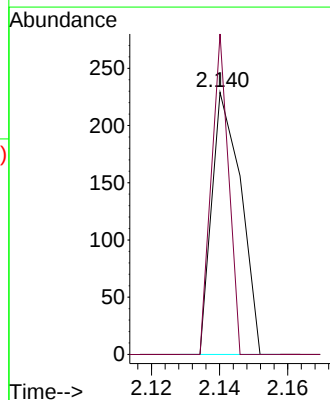
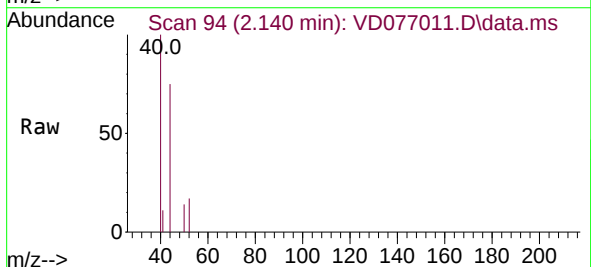


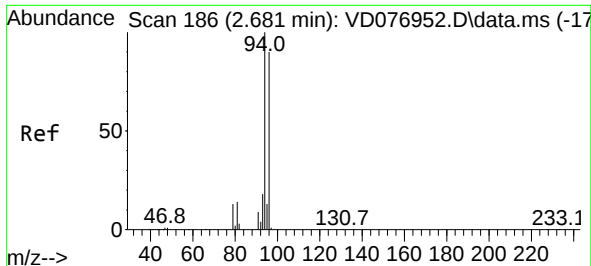
Tgt Ion:168 Resp: 7259
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#3
Chloromethane
Concen: 2.209 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 50 Resp: 136
Ion Ratio Lower Upper
50 100
52 122.3 26.6 40.0#

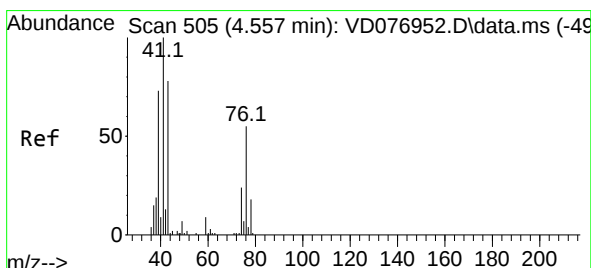
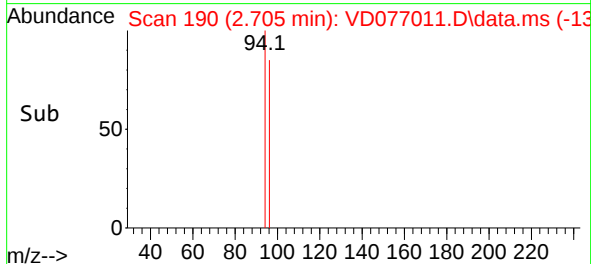
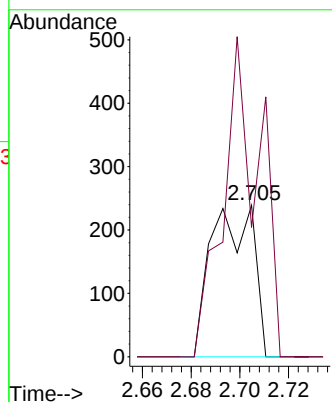
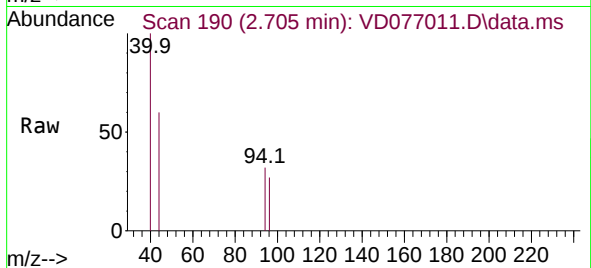




#5
Bromomethane
Concen: 3.509 ug/l
RT: 2.705 min Scan# 19
Delta R.T. 0.024 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

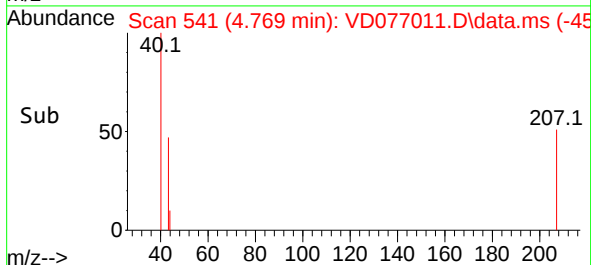
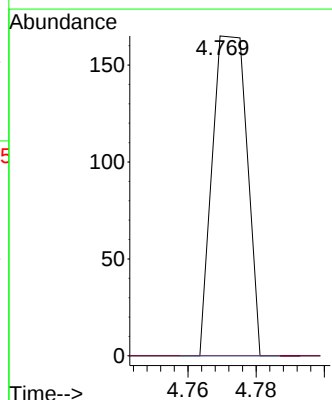
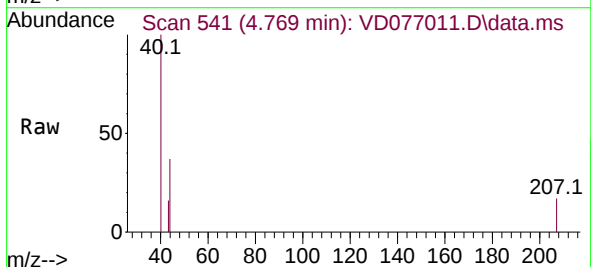
Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

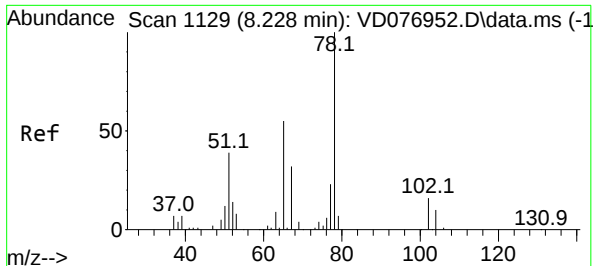
Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 179.9 75.8 113.8#



#18
Methyl Acetate
Concen: 2.169 ug/l
RT: 4.769 min Scan# 541
Delta R.T. 0.212 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





#33

1,2-Dichloroethane-d4

Concen: 77.502 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077011.D

Acq: 14 Aug 2023 19:58

Instrument :

MSVOA_D

ClientSampleId :

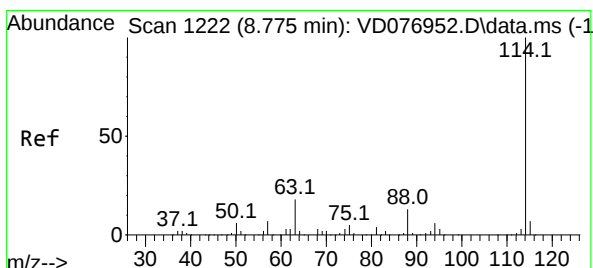
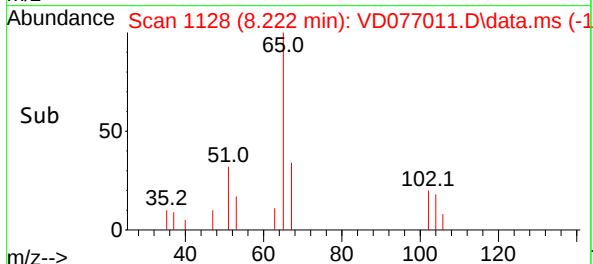
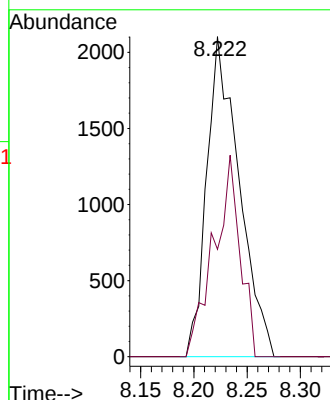
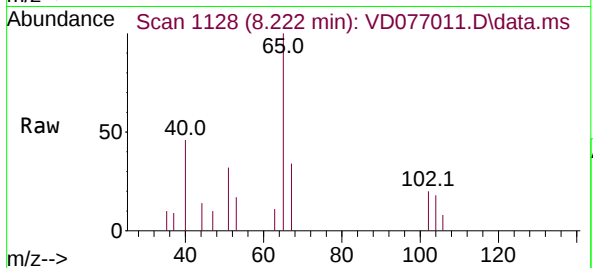
SB-06-11.5-12.0

Tgt Ion: 65 Resp: 4438

Ion Ratio Lower Upper

65 100

67 51.1 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: VD077011.D

Acq: 14 Aug 2023 19:58

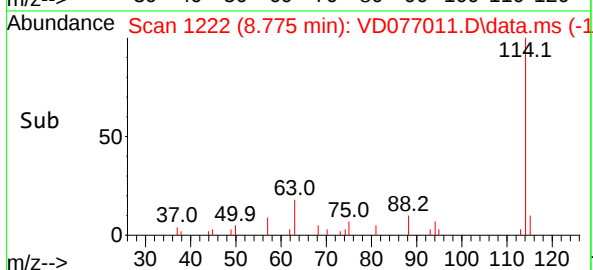
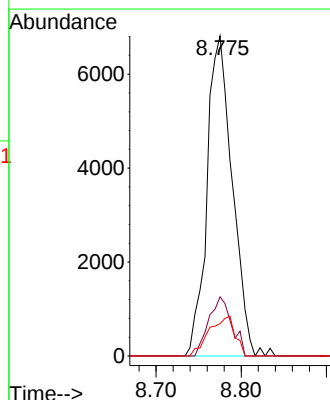
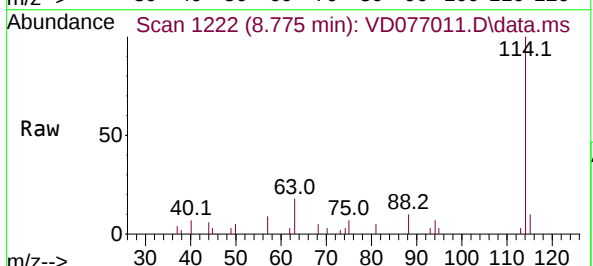
Tgt Ion: 114 Resp: 14120

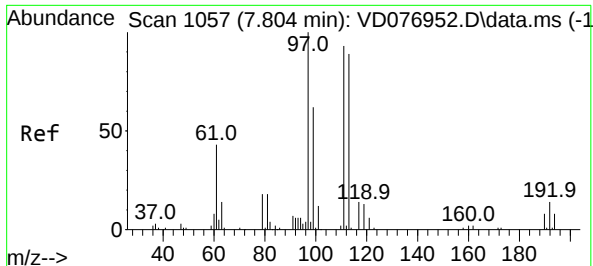
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 10.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 65.116 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077011.D

Acq: 14 Aug 2023 19:58

Instrument :

MSVOA_D

ClientSampleId :

SB-06-11.5-12.0

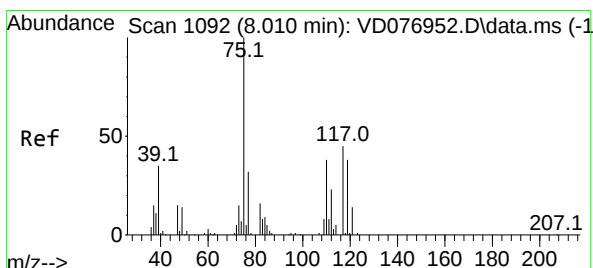
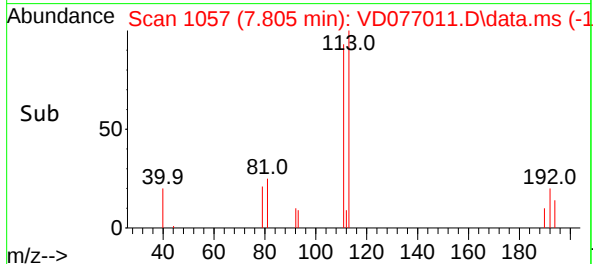
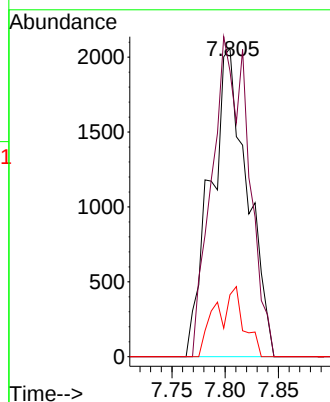
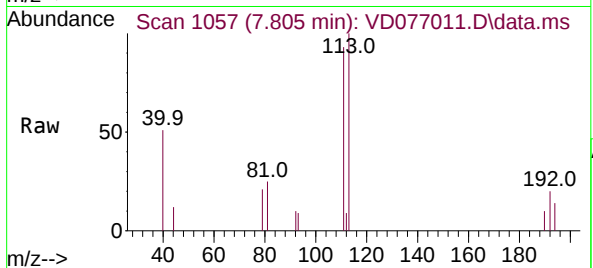
Tgt Ion:113 Resp: 4943

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 17.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 2.972 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VD077011.D

Acq: 14 Aug 2023 19:58

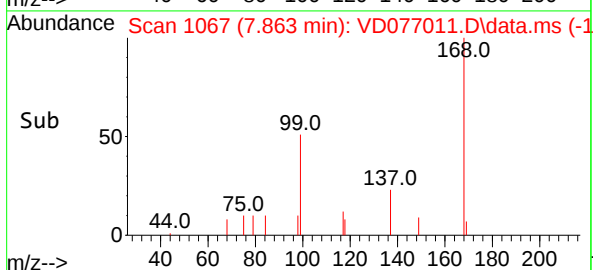
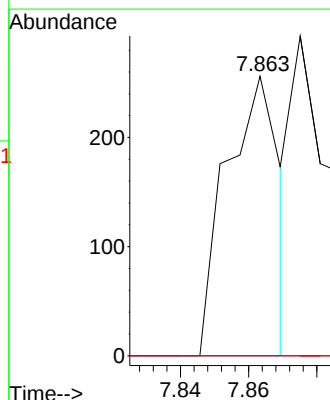
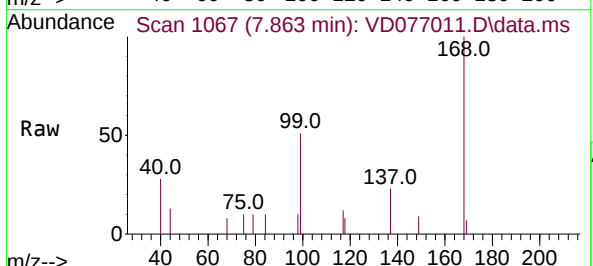
Tgt Ion: 75 Resp: 279

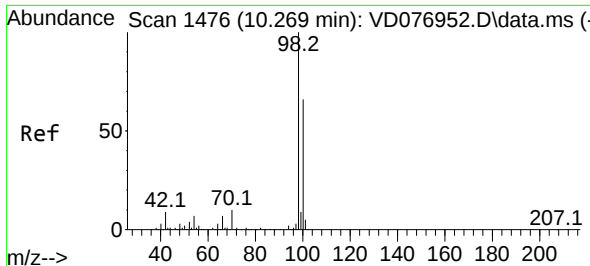
Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 0.0 24.7 37.1#

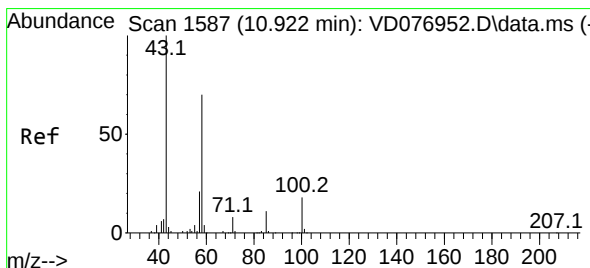
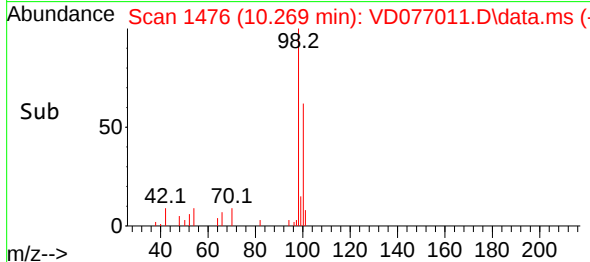
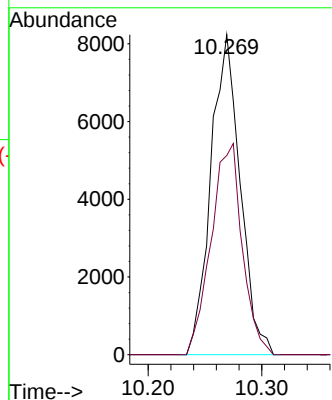
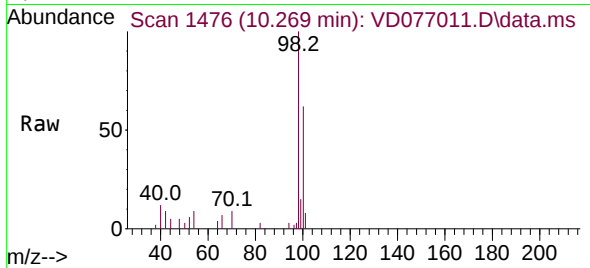




#50
Toluene-d8
Concen: 60.566 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

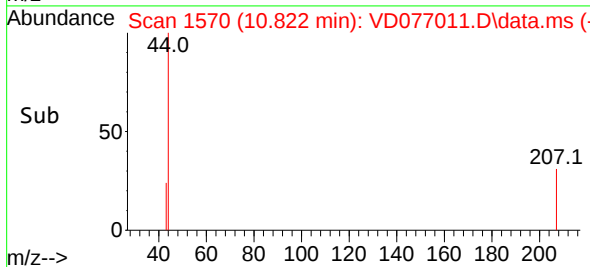
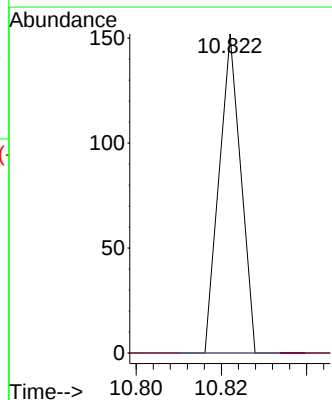
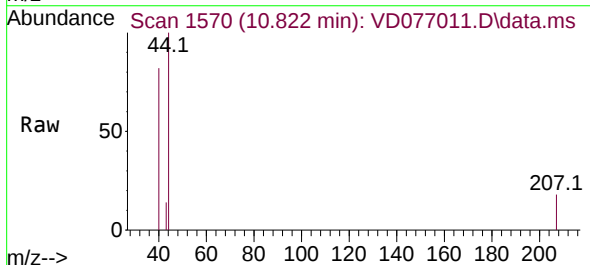
Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

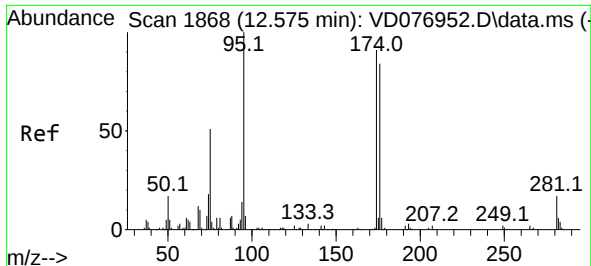
Tgt Ion: 98 Resp: 14767
Ion Ratio Lower Upper
98 100
100 70.0 50.3 75.5



#59
2-Hexanone
Concen: 1.766 ug/l
RT: 10.822 min Scan# 1570
Delta R.T. -0.100 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#

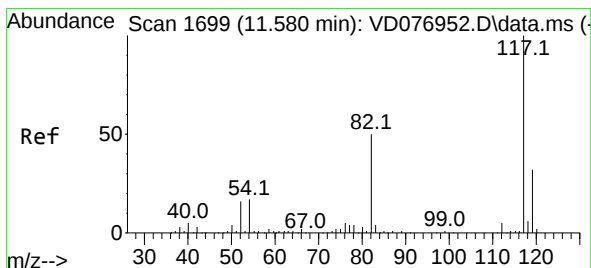
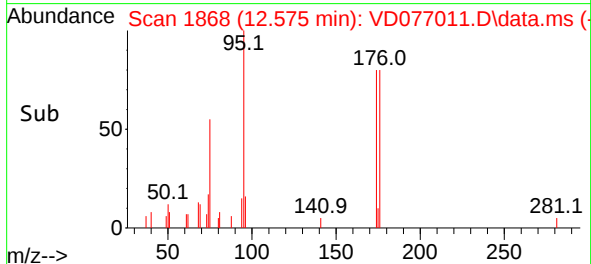
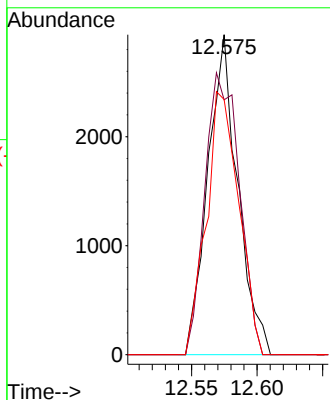
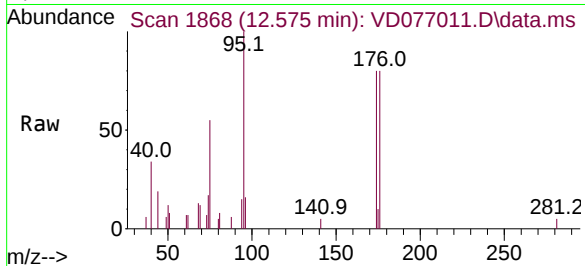




#62
4-Bromofluorobenzene
Concen: 54.684 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

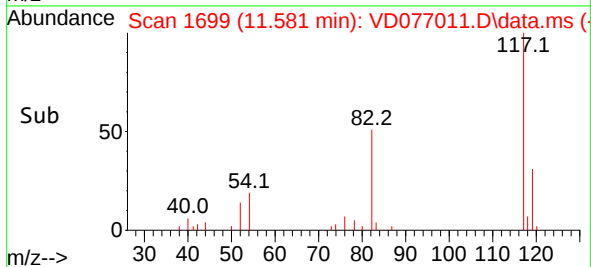
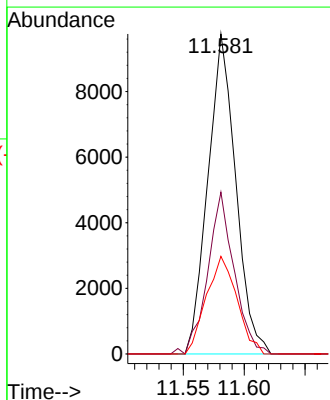
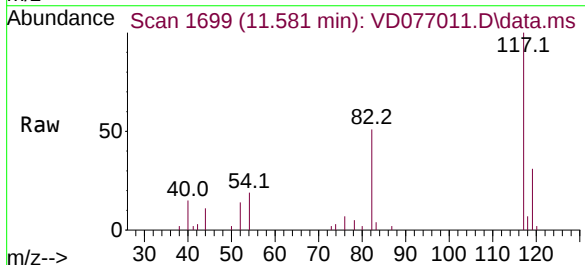
Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

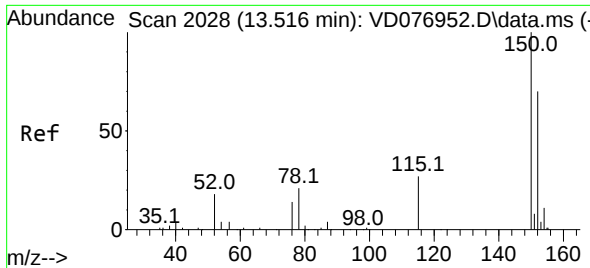
Tgt Ion:	95	Resp:	4661
Ion	Ratio	Lower	Upper
95	100		
174	101.3	0.0	201.8
176	89.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion:	117	Resp:	15482
Ion	Ratio	Lower	Upper
117	100		
82	50.5	38.3	57.5
119	30.5	25.0	37.4

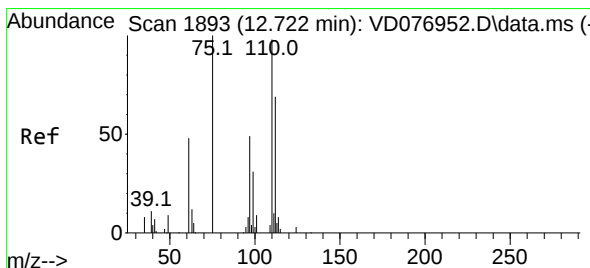
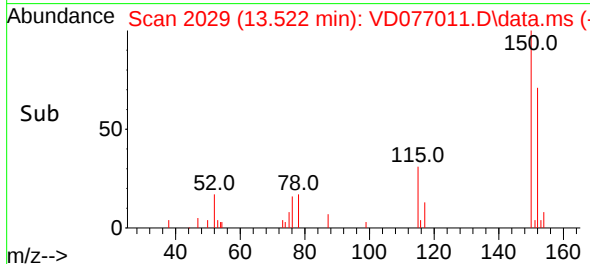
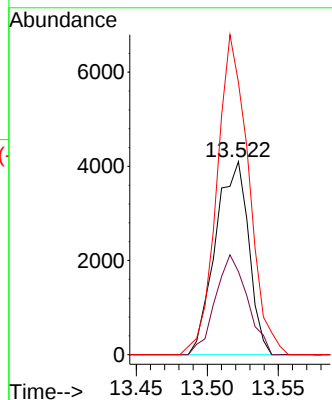
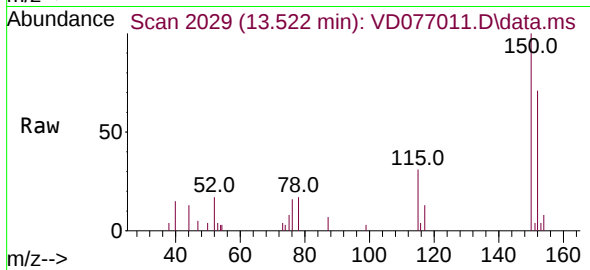




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

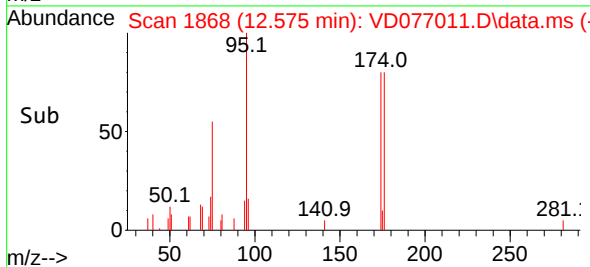
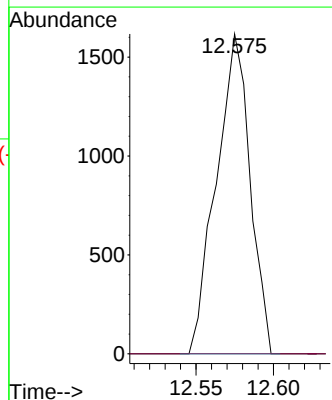
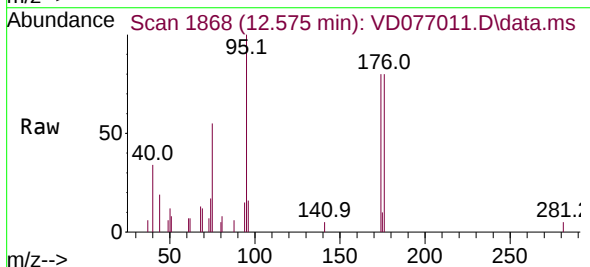
Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

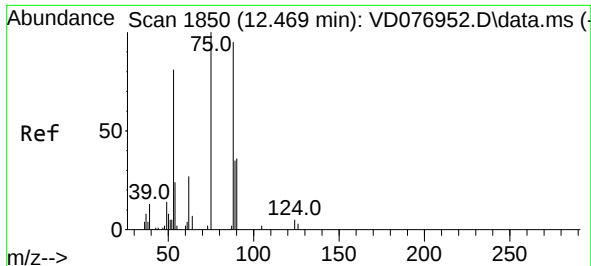
Tgt Ion:152 Resp: 6673
Ion Ratio Lower Upper
152 100
115 49.9 27.1 81.3
150 158.5 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 39.010 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 75 Resp: 2442
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

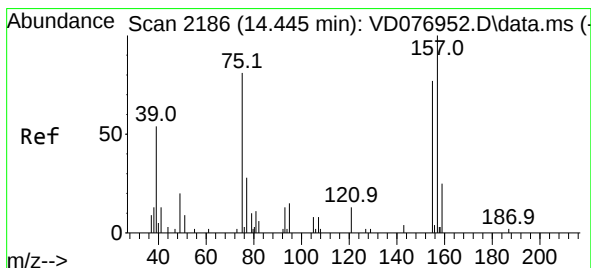
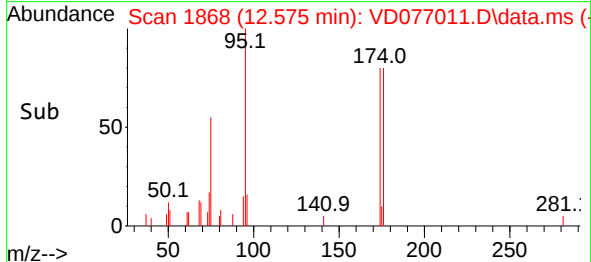
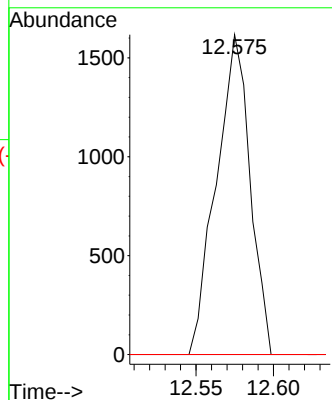
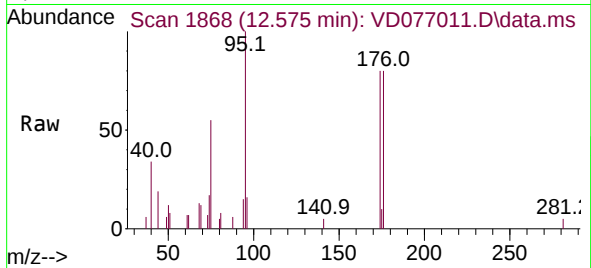




#81
trans-1,4-Dichloro-2-butene
Concen: 91.651 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

Tgt Ion: 75 Resp: 2442
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.372 ug/l
RT: 14.528 min Scan# 2200
Delta R.T. 0.083 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#

