

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078872.D
 Acq On : 07 May 2024 10:35
 Operator : RP/MD
 Sample : VD0507SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:19:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

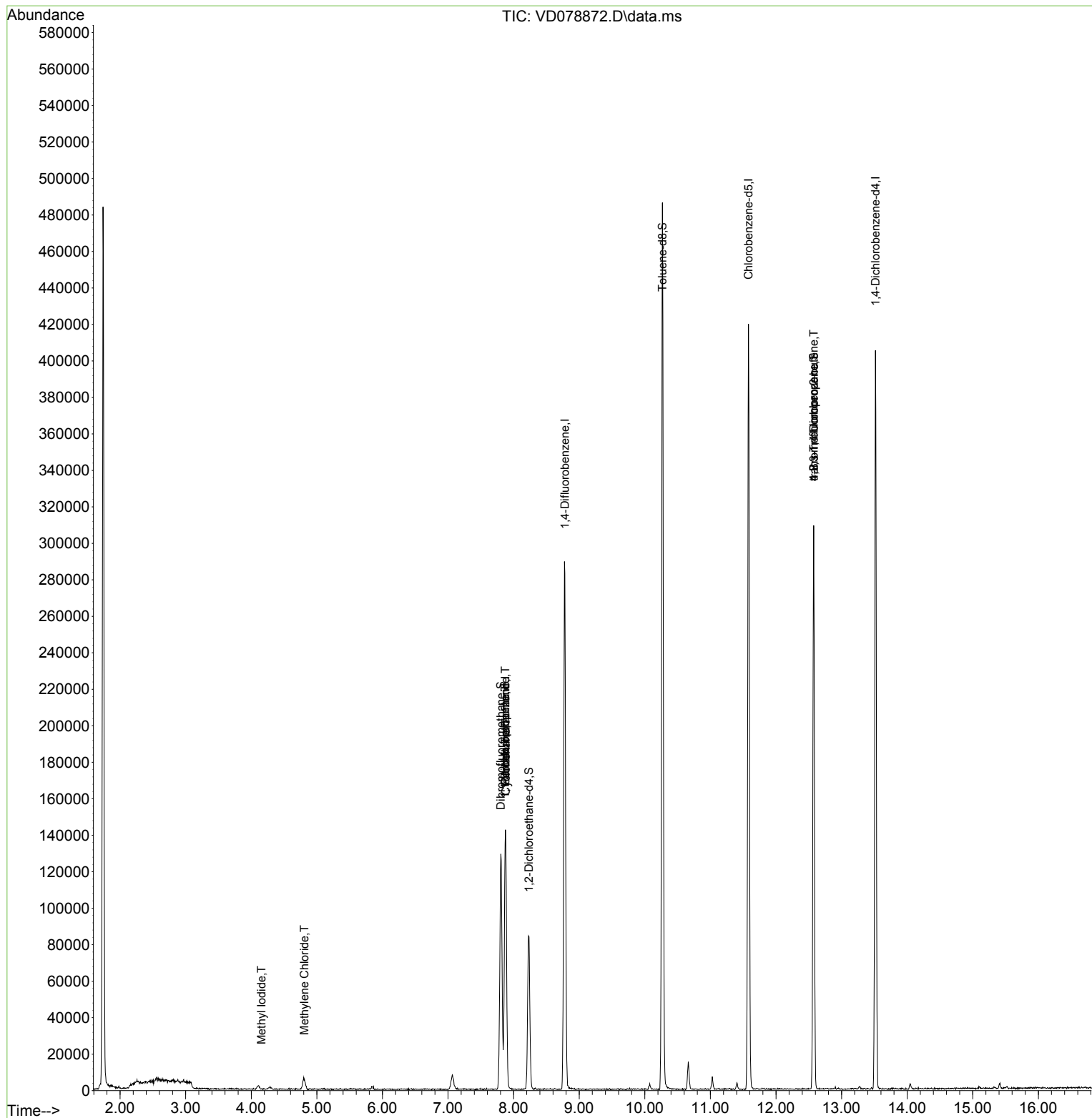
Internal Standards						
1) Pentafluorobenzene	7.875	168	118216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	272737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68678	52.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.680%
35) Dibromofluoromethane	7.805	113	94173	47.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.269	98	343236	44.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.575	95	87744	39.894	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.780%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	72	1.885	ug/l #	42
20) Methylene Chloride	4.811	84	5356	2.951	ug/l #	83
31) Cyclohexane	7.881	56	2143	1.100	ug/l #	18
36) 1,1-Dichloropropene	7.869	75	8310	3.226	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11450	3.862	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	44949	46.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	44949	90.896	ug/l #	19

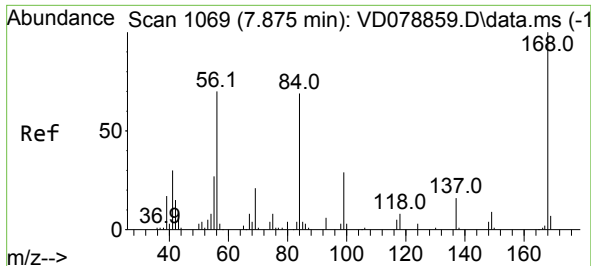
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

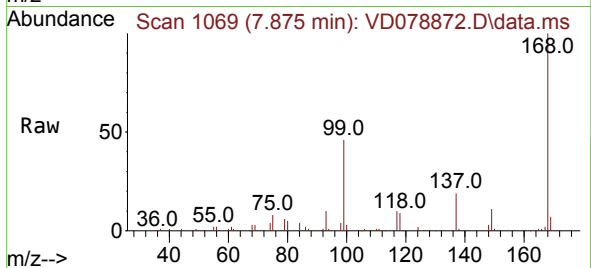
Quant Time: May 08 04:19:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 2024
Response via : Initial Calibration



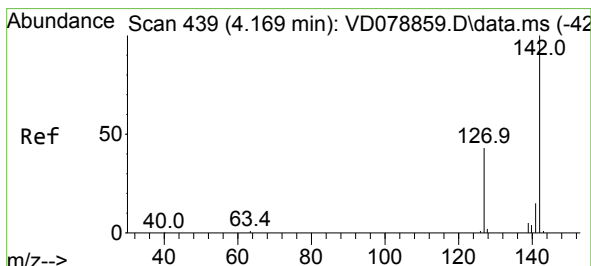
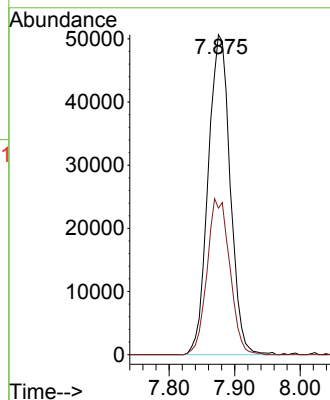
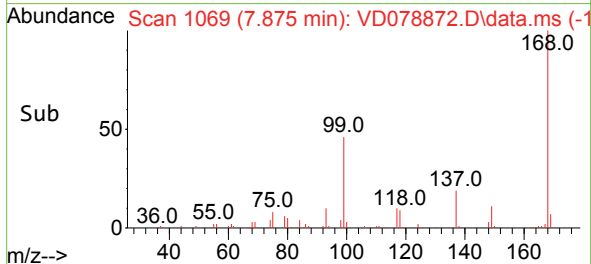


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :

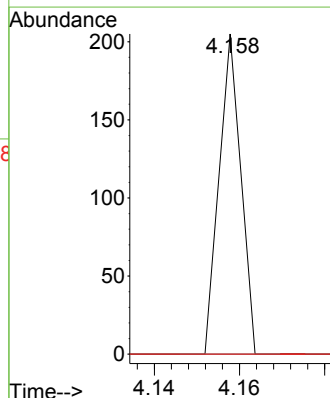
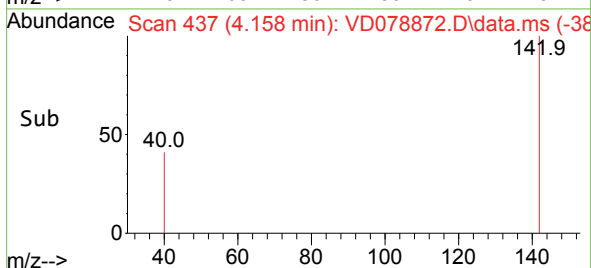
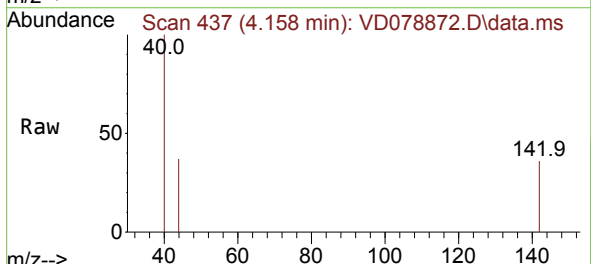


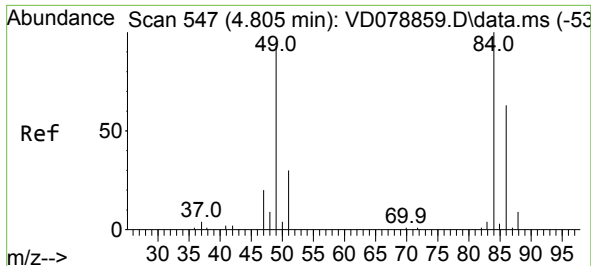
Tgt Ion:168 Resp: 118216
Ion Ratio Lower Upper
168 100
99 45.8 38.8 58.2



#10
Methyl Iodide
Concen: 1.885 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

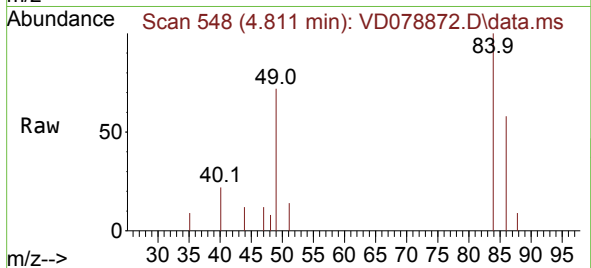
Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 33.5 50.3#
141 0.0 11.7 17.5#



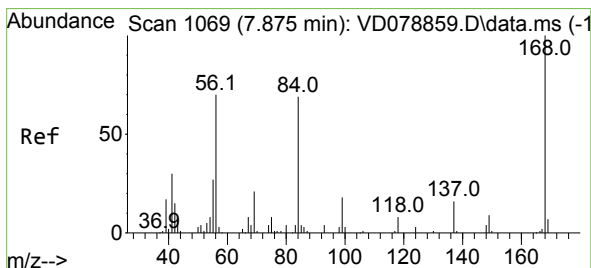
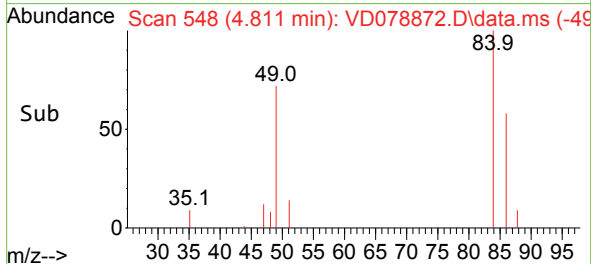
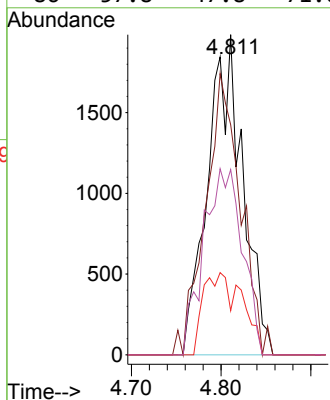


#20
Methylene Chloride
Concen: 2.951 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :

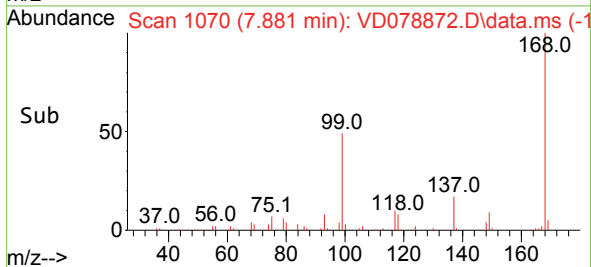
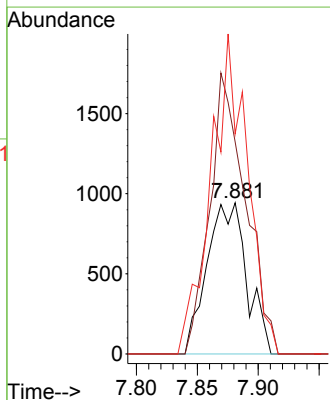
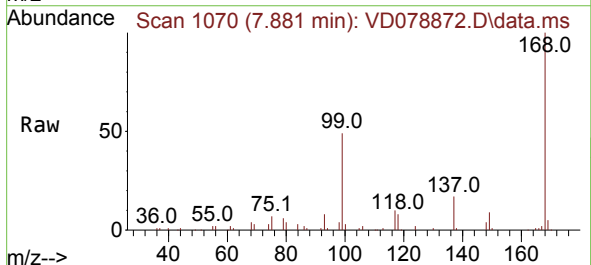


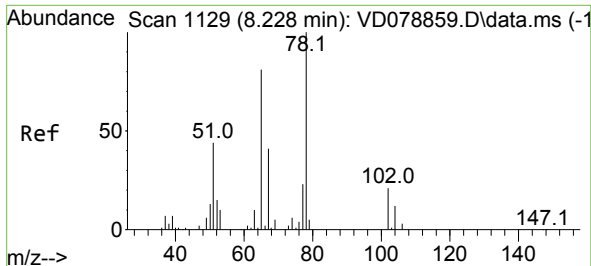
Tgt Ion: 84 Resp: 5356
Ion Ratio Lower Upper
84 100
49 71.9 75.6 113.4#
51 13.8 23.4 35.0#
86 57.8 47.8 71.6



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 140.1 26.6 40.0#
84 145.4 79.4 119.2#

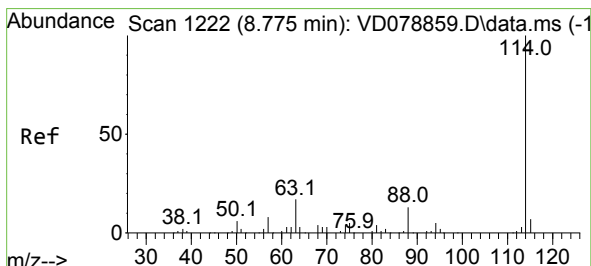
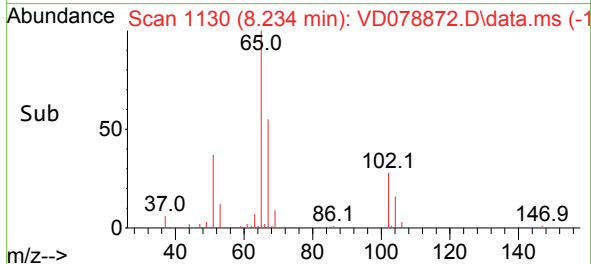
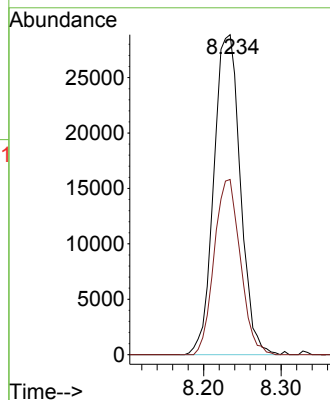
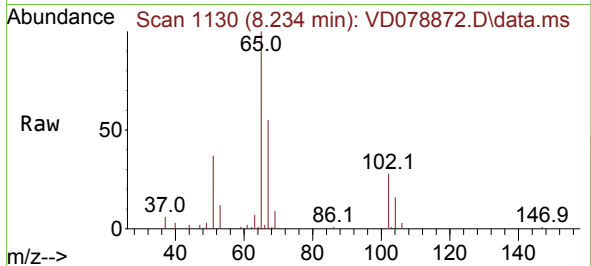




#33
 1,2-Dichloroethane-d4
 Concen: 52.340 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD078872.D
 Acq: 07 May 2024 10:35

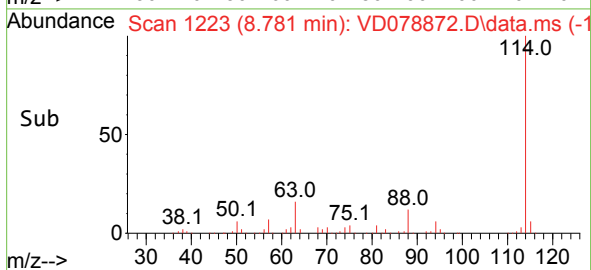
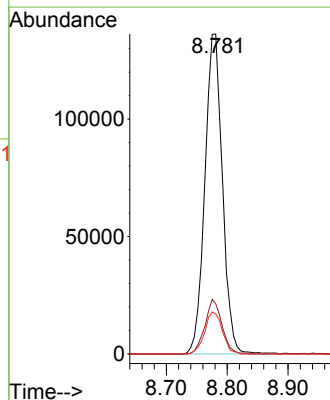
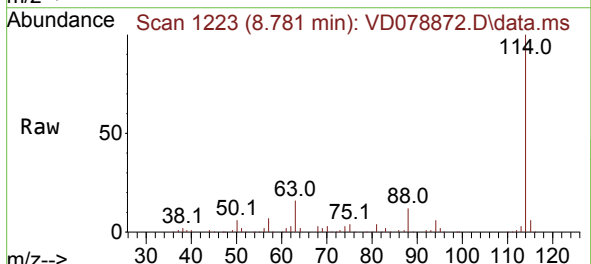
Instrument :
 MSVOA_D
 ClientSampleId :

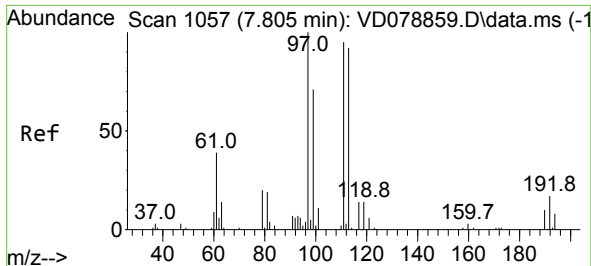
Tgt Ion: 65 Resp: 68678
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD078872.D
 Acq: 07 May 2024 10:35

Tgt Ion: 114 Resp: 272737
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 33.4
 88 12.4 0.0 24.6

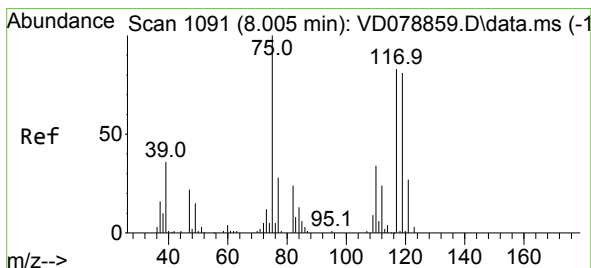
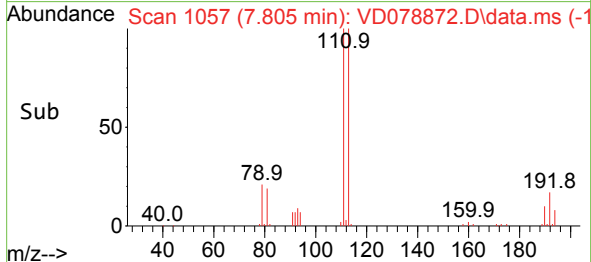
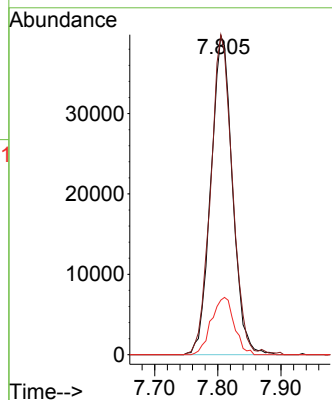
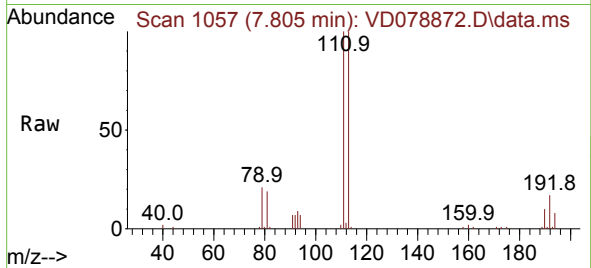




#35
Dibromofluoromethane
Concen: 47.027 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

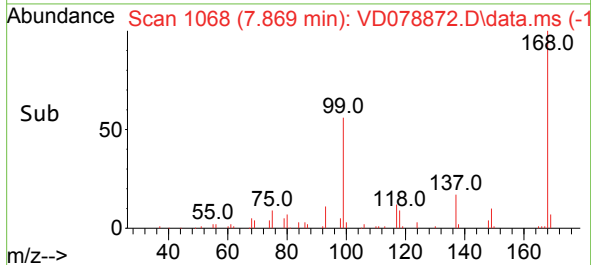
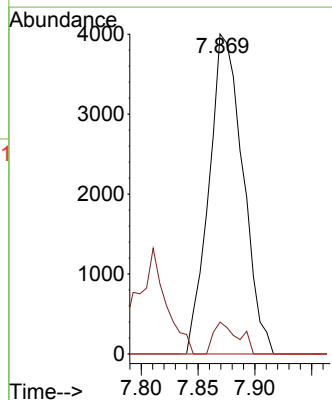
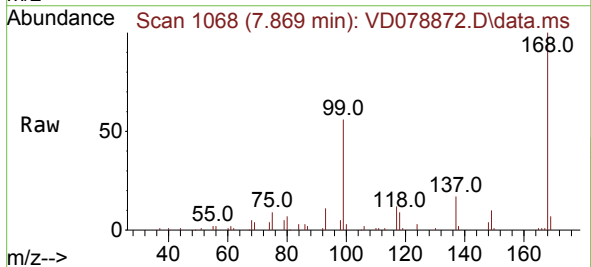
Instrument :
MSVOA_D
ClientSampleId :

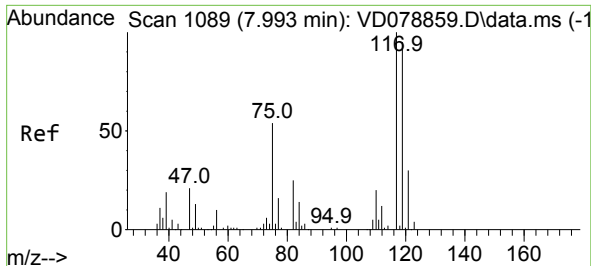
Tgt Ion:113 Resp: 94173
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.226 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

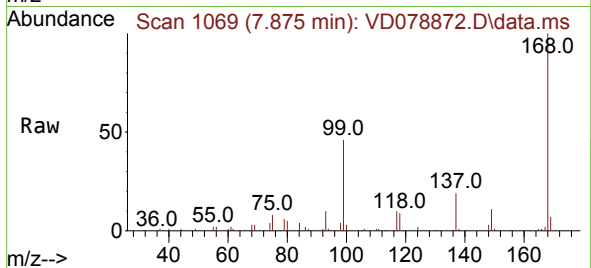
Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
110 7.2 19.1 57.1#
77 0.0 25.4 38.2#



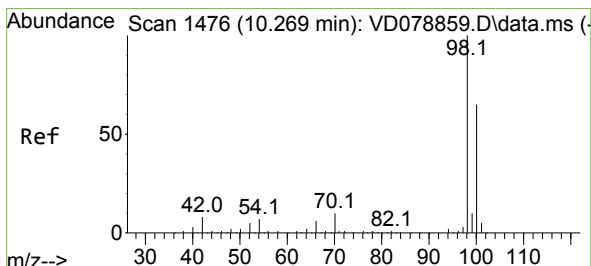
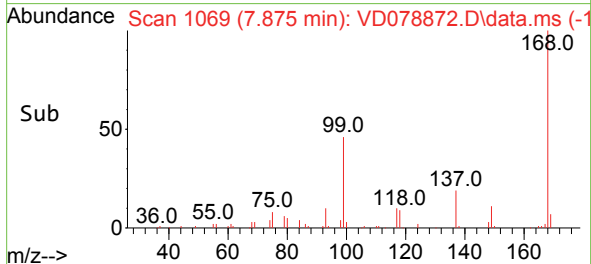
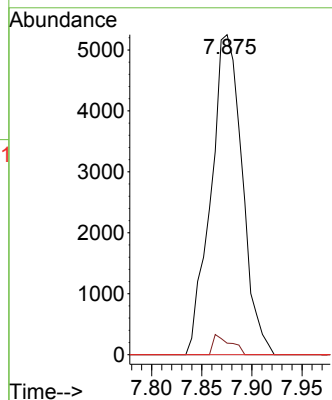


#38
Carbon Tetrachloride
Concen: 3.862 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :

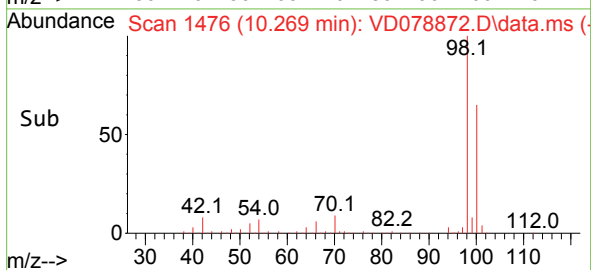
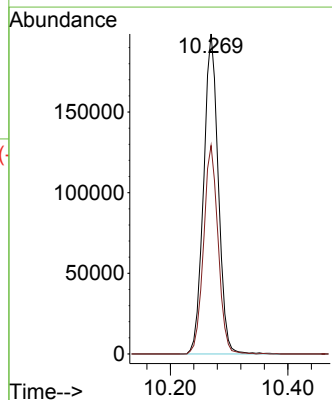
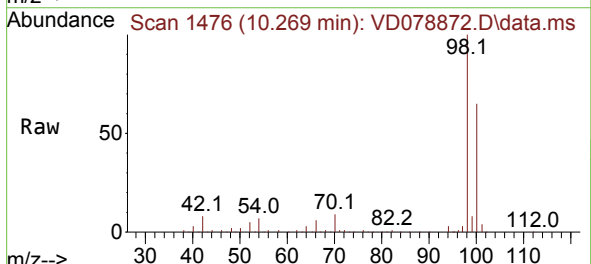


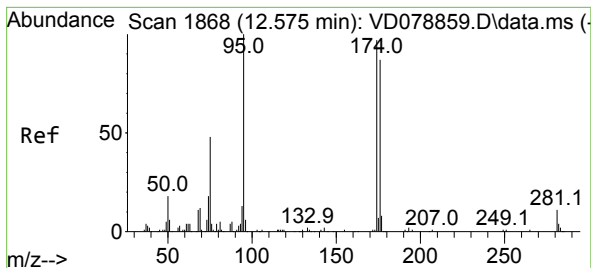
Tgt Ion:117 Resp: 11450
Ion Ratio Lower Upper
117 100
119 3.6 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 44.663 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Tgt Ion: 98 Resp: 343236
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

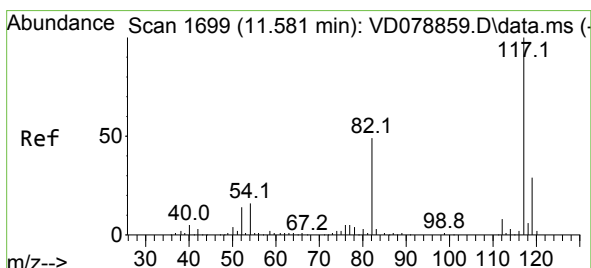
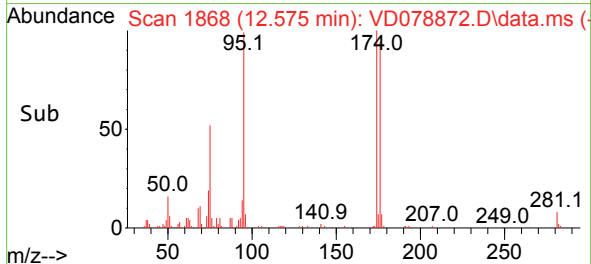
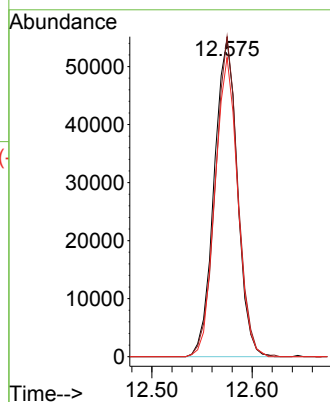
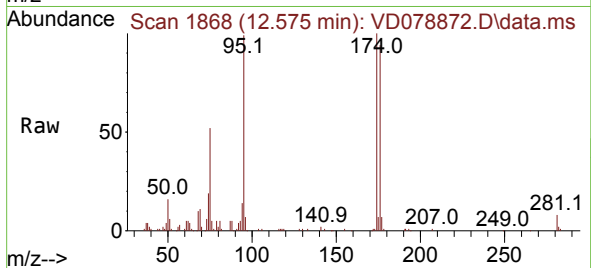




#62
4-Bromofluorobenzene
Concen: 39.894 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

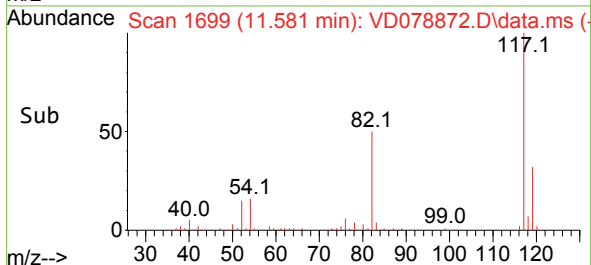
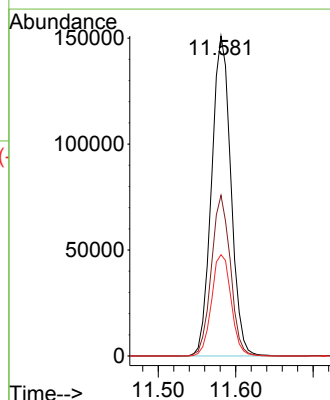
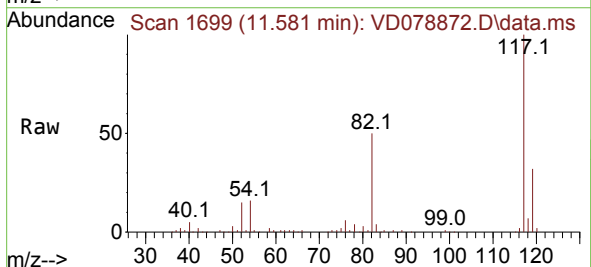
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MSVOA_D
ClientSampleId :

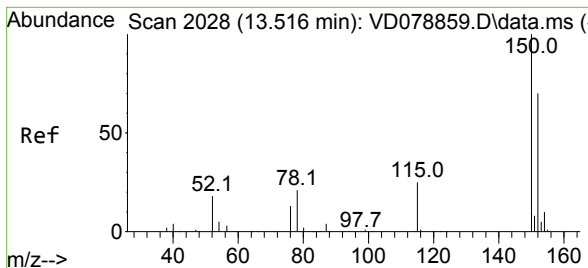
Tgt Ion: 95 Resp: 87744
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 92.6 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Tgt Ion: 117 Resp: 261223
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 31.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078872.D

Acq: 07 May 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

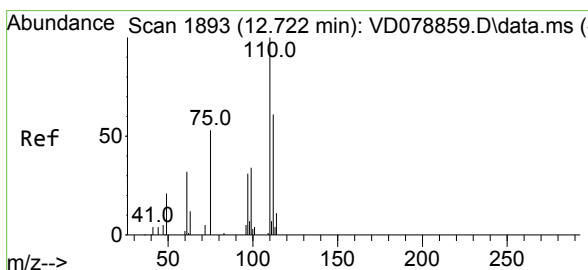
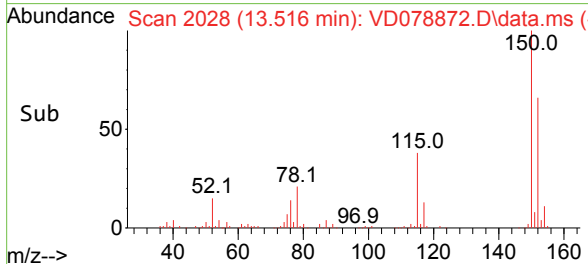
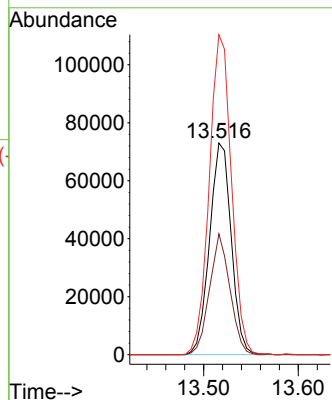
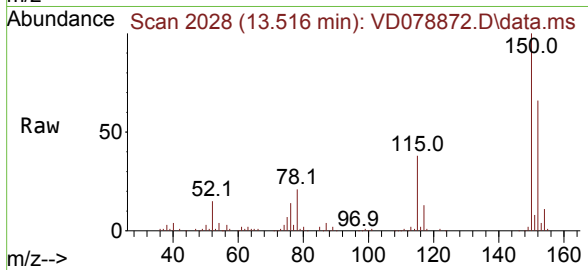
Tgt Ion:152 Resp: 116137

Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 154.7 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 46.522 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078872.D

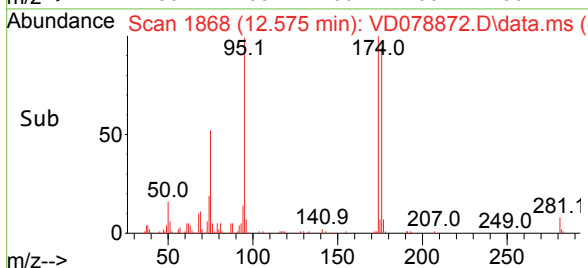
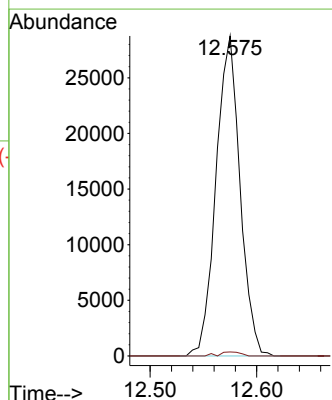
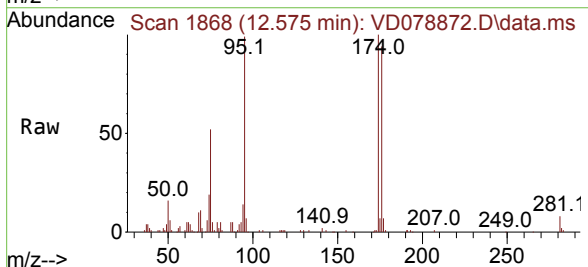
Acq: 07 May 2024 10:35

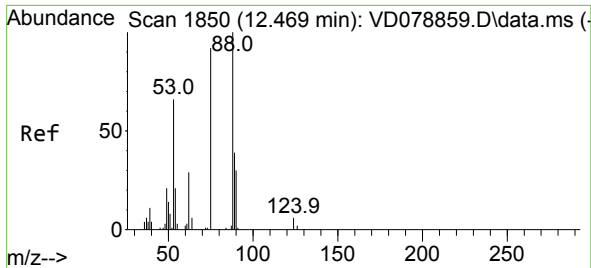
Tgt Ion: 75 Resp: 44949

Ion Ratio Lower Upper

75 100

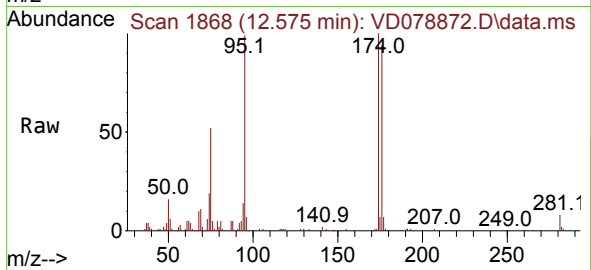
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.896 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078872.D
Acq: 07 May 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	44949
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.2	35.4	53.0#

