

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078875.D
 Acq On : 07 May 2024 12:53
 Operator : RP/MD
 Sample : P2312-01
 Misc : 8.17G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:21:14 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)

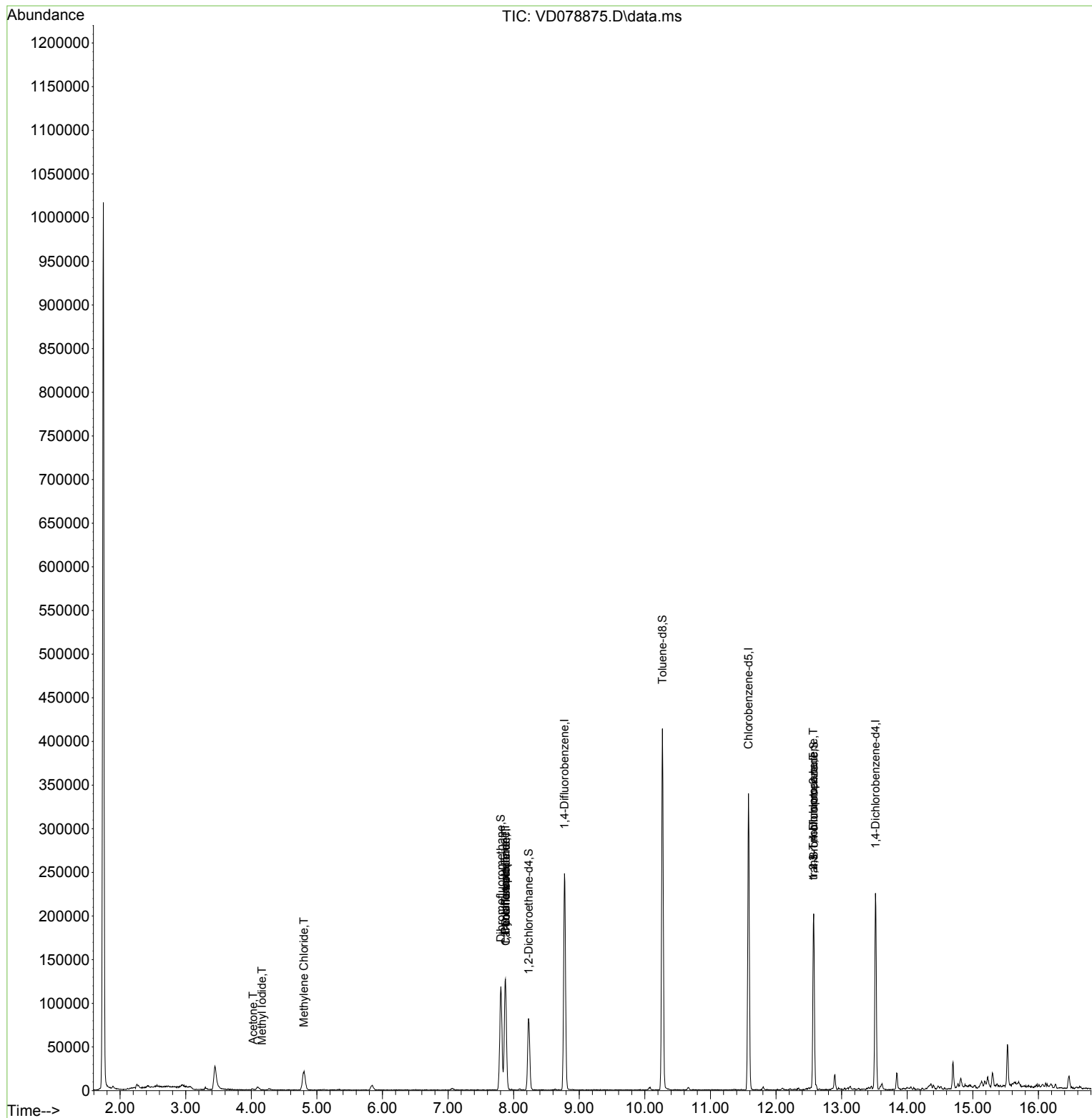
Internal Standards						
1) Pentafluorobenzene	7.875	168	104248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	234455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64818	56.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.040%
35) Dibromofluoromethane	7.804	113	86548	50.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.269	98	291459	44.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.575	95	61886	32.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.460%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	57	1.881	ug/l #	42
16) Acetone	4.028	43	1645	9.534	ug/l	99
20) Methylene Chloride	4.805	84	18393	10.661	ug/l	90
31) Cyclohexane	7.875	56	2236	1.302	ug/l #	37
36) 1,1-Dichloropropene	7.881	75	7724	3.488	ug/l #	43
38) Carbon Tetrachloride	7.881	117	9612	3.771	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	31026	59.936	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31026	117.105	ug/l #	19

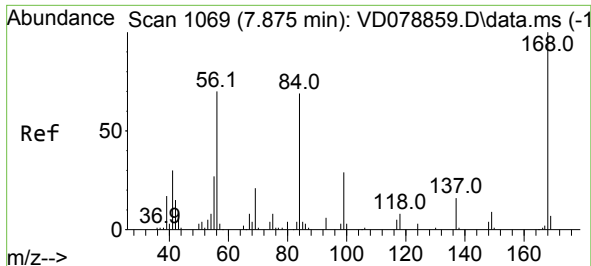
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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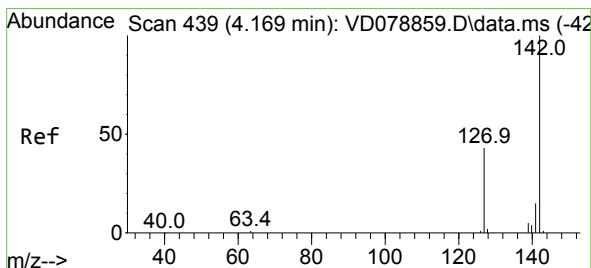
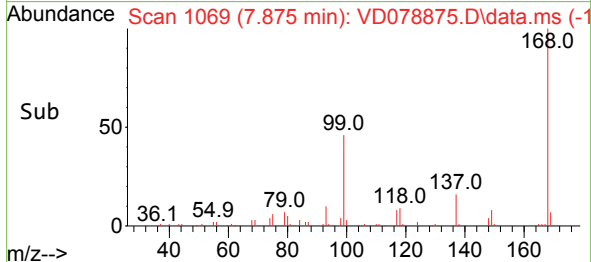
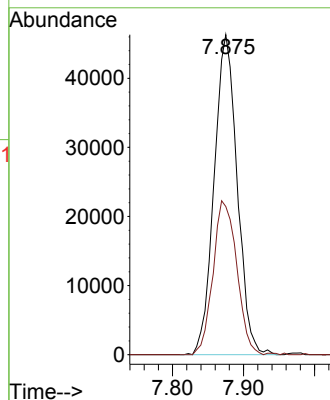
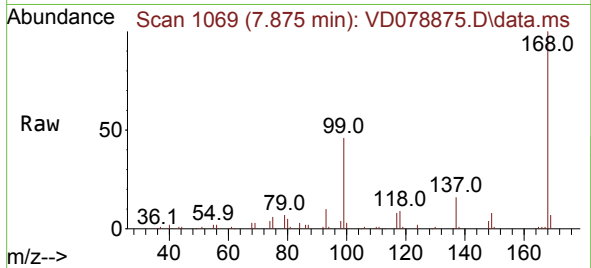




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

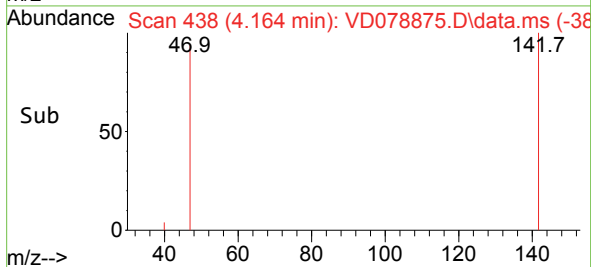
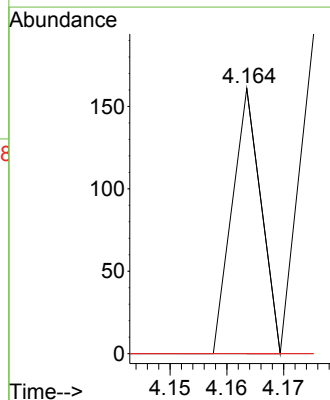
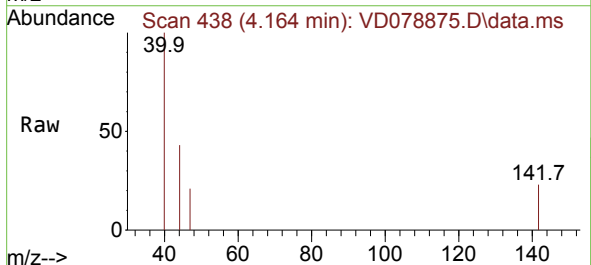
Instrument :
MSVOA_D
ClientSampleId :

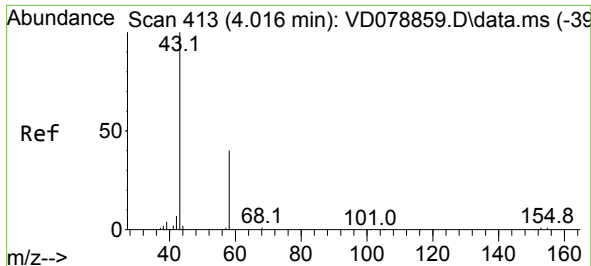
Tgt Ion:168 Resp: 104248
Ion Ratio Lower Upper
168 100
99 46.3 38.8 58.2



#10
Methyl Iodide
Concen: 1.881 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 33.5 50.3#
141 0.0 11.7 17.5#





#16

Acetone

Concen: 9.534 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

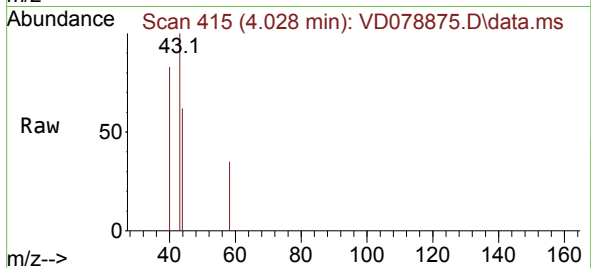
Lab File: VD078875.D

Acq: 07 May 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

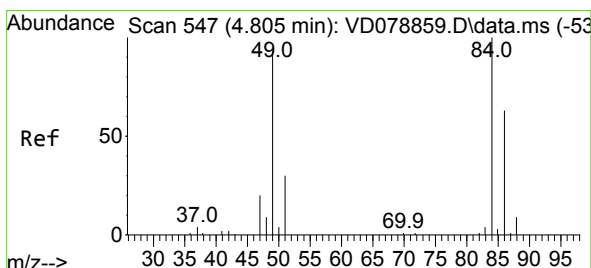
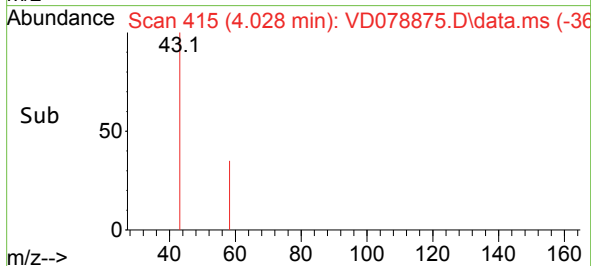
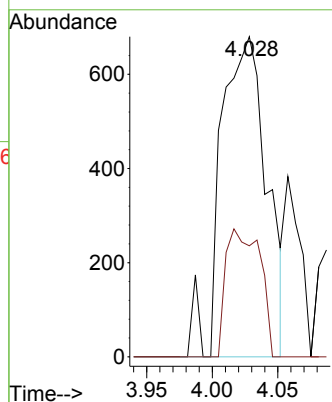


Tgt Ion: 43 Resp: 1645

Ion Ratio Lower Upper

43 100

58 34.7 28.2 42.4



#20

Methylene Chloride

Concen: 10.661 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078875.D

Acq: 07 May 2024 12:53

Tgt Ion: 84 Resp: 18393

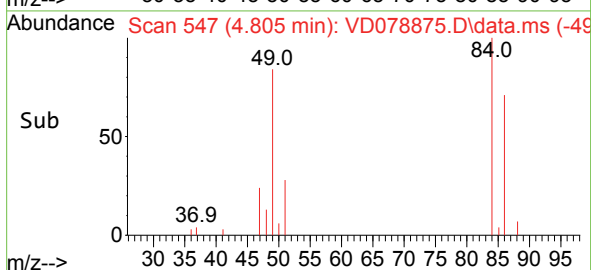
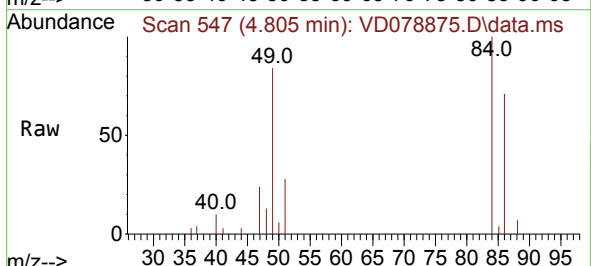
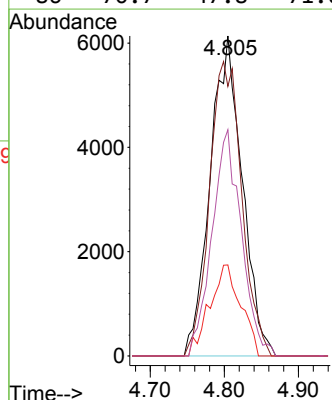
Ion Ratio Lower Upper

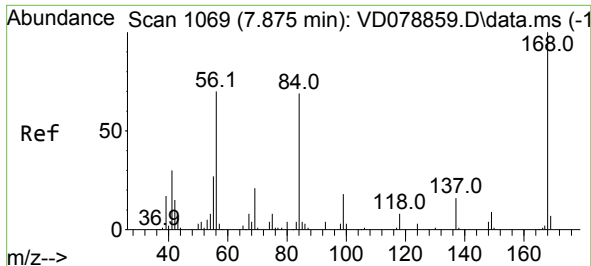
84 100

49 84.3 75.6 113.4

51 28.5 23.4 35.0

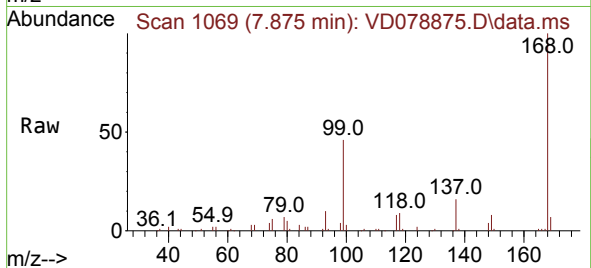
86 70.7 47.8 71.6



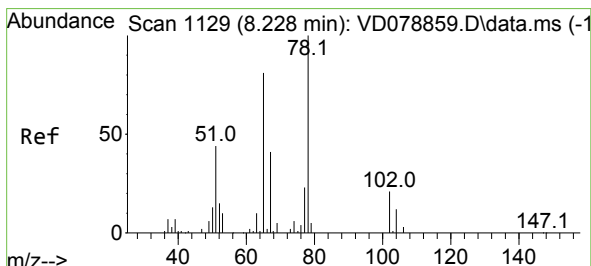
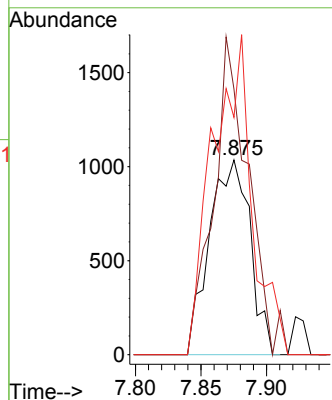
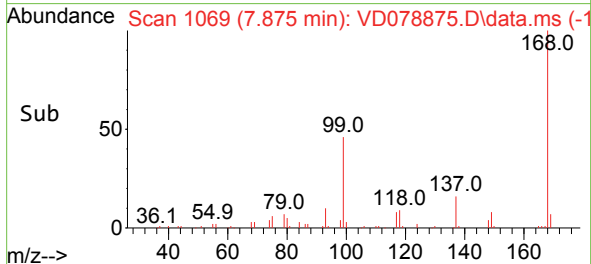


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Instrument :
MSVOA_D
ClientSampleId :

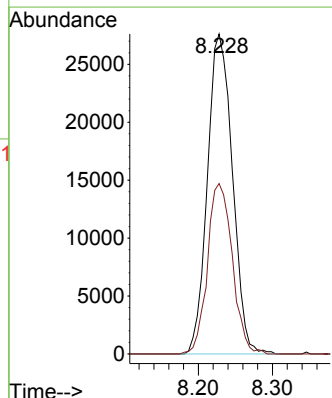
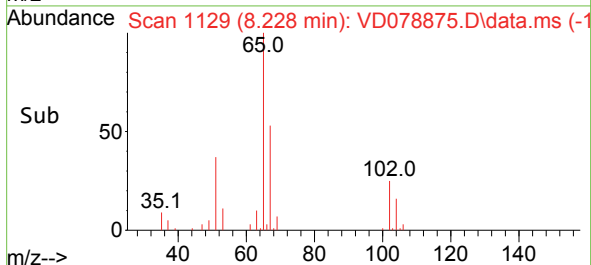
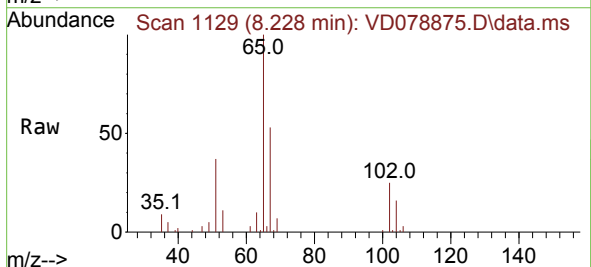


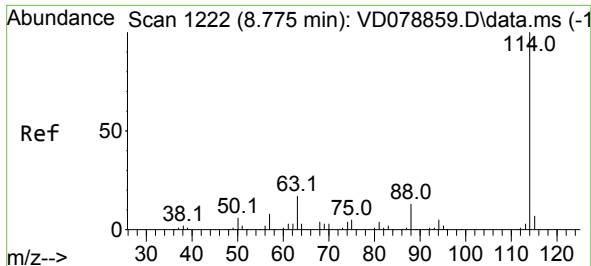
Tgt Ion: 56 Resp: 2236
Ion Ratio Lower Upper
56 100
69 136.4 26.6 40.0#
84 121.8 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 56.017 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Tgt Ion: 65 Resp: 64818
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078875.D

Acq: 07 May 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

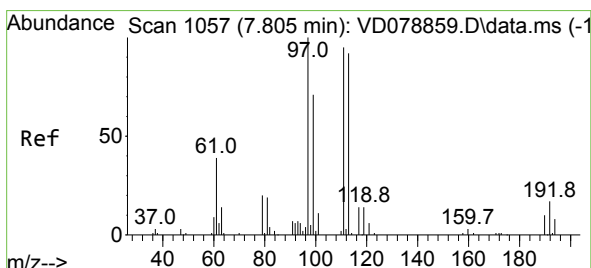
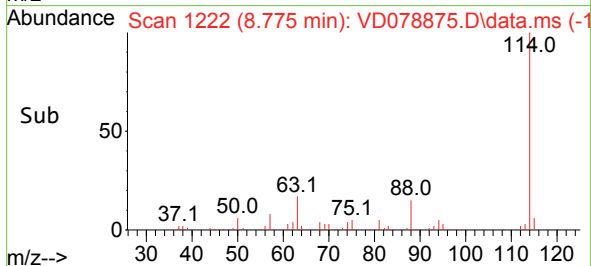
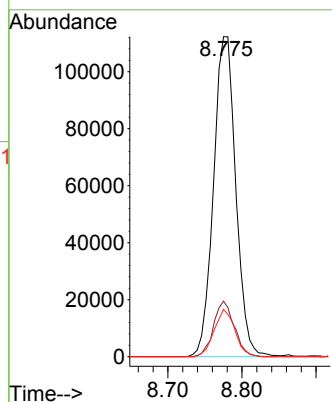
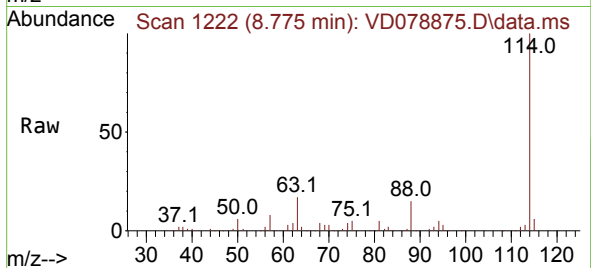
Tgt Ion:114 Resp: 234455

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 50.276 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078875.D

Acq: 07 May 2024 12:53

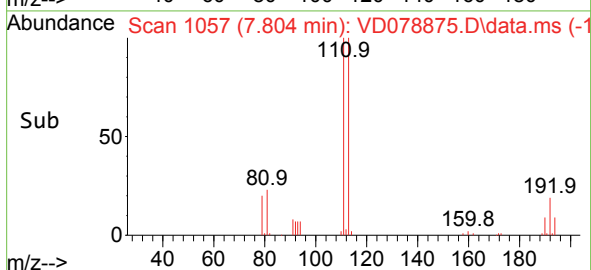
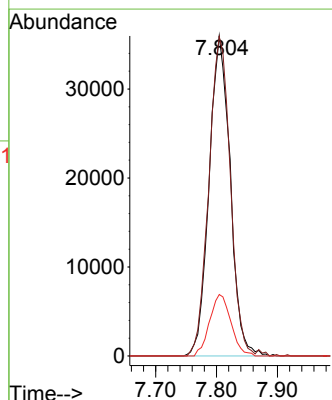
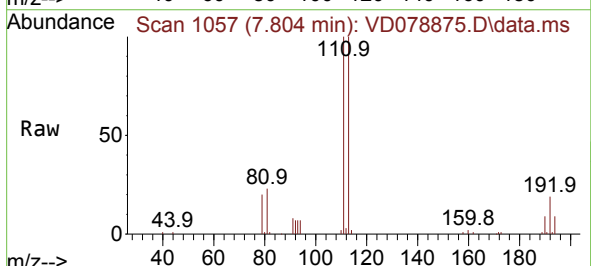
Tgt Ion:113 Resp: 86548

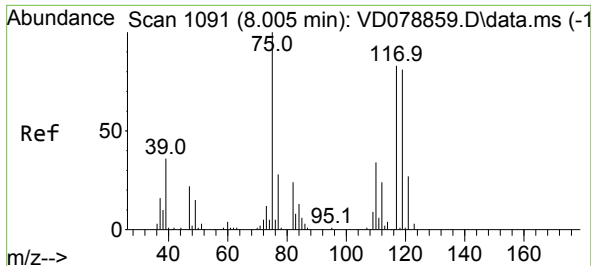
Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

192 19.4 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.488 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

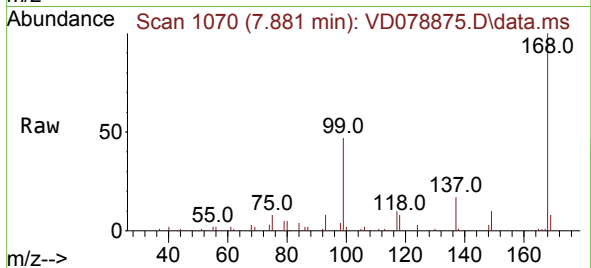
Lab File: VD078875.D

Acq: 07 May 2024 12:53

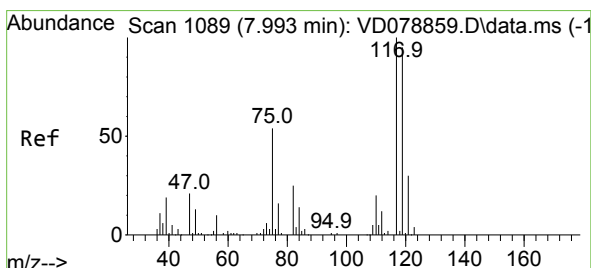
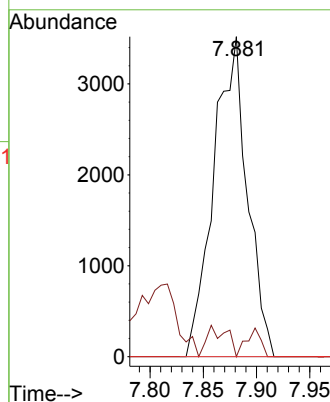
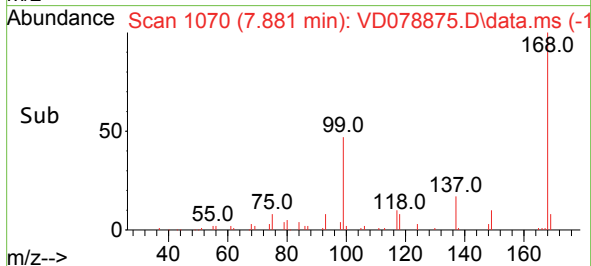
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 7724
Ion Ratio	Lower Upper
75	100
110	3.8 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 3.771 ug/l

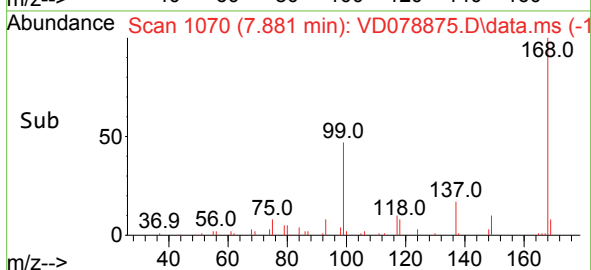
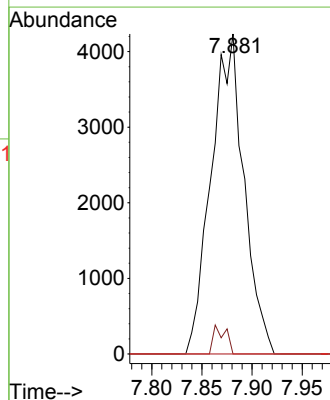
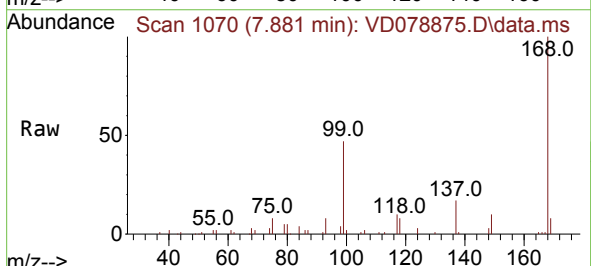
RT: 7.881 min Scan# 1070

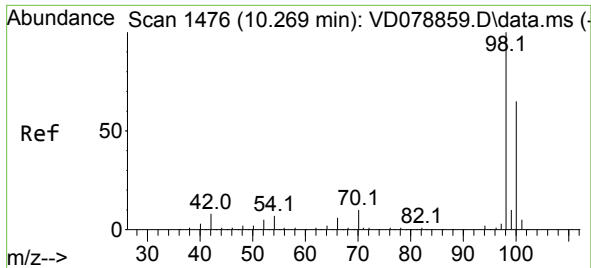
Delta R.T. -0.112 min

Lab File: VD078875.D

Acq: 07 May 2024 12:53

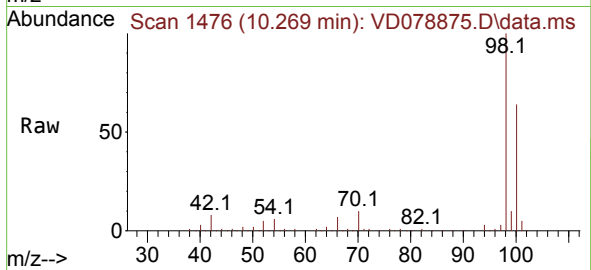
Tgt Ion: 117	Resp: 9612
Ion Ratio	Lower Upper
117	100
119	0.0 79.2 118.8#
121	0.0 26.8 40.2#



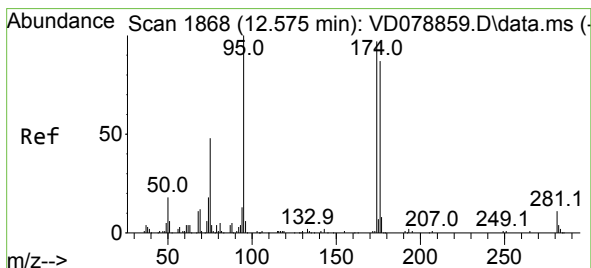
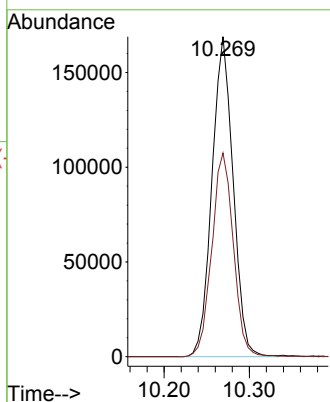
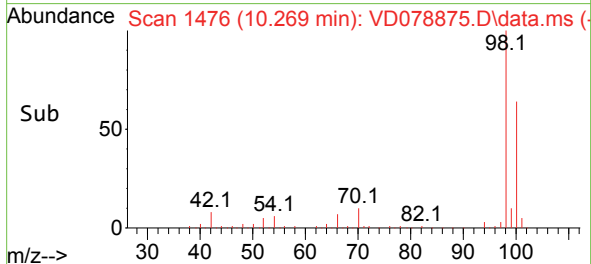


#50
Toluene-d8
Concen: 44.118 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

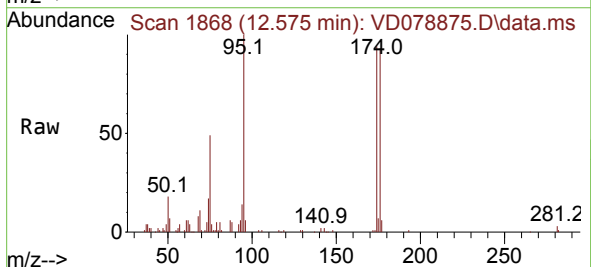
Instrument :
MSVOA_D
ClientSampleId :



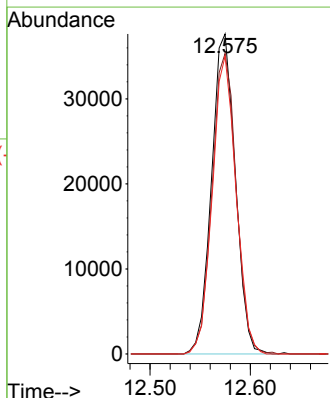
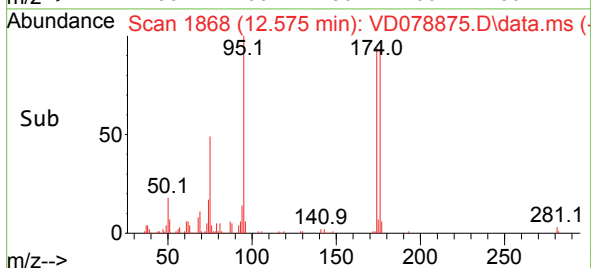
Tgt Ion: 98 Resp: 291459
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

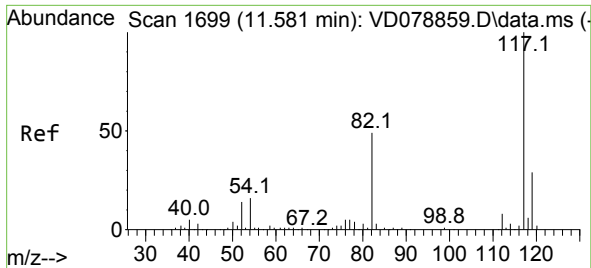


#62
4-Bromofluorobenzene
Concen: 32.732 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53



Tgt Ion: 95 Resp: 61886
Ion Ratio Lower Upper
95 100
174 95.7 0.0 195.2
176 92.9 0.0 188.2

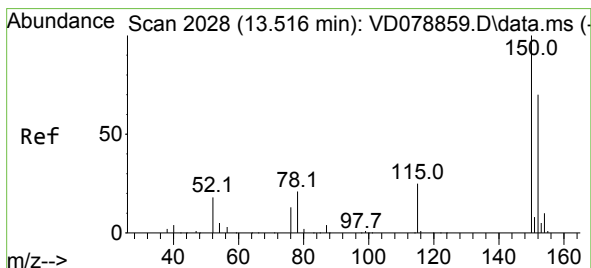
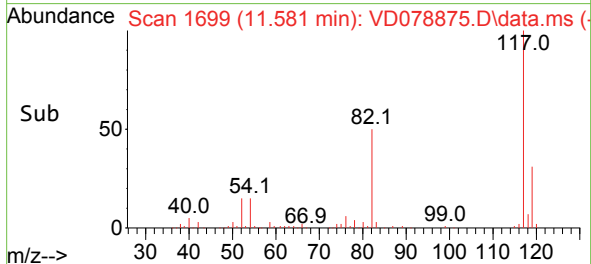
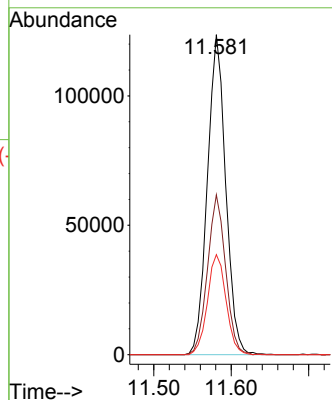
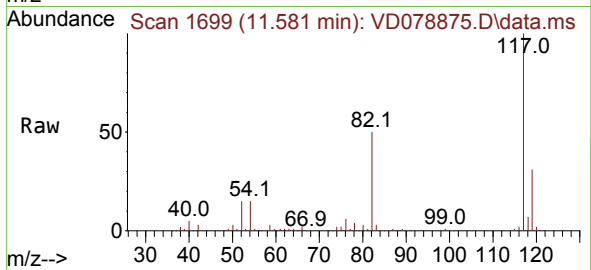




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

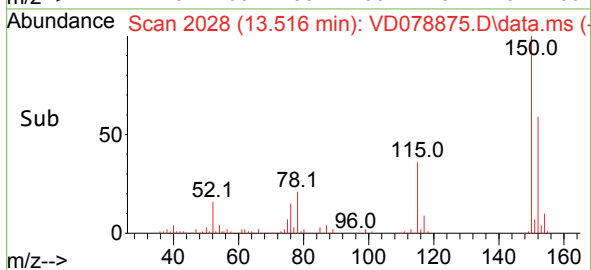
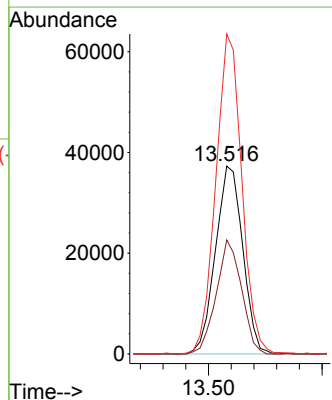
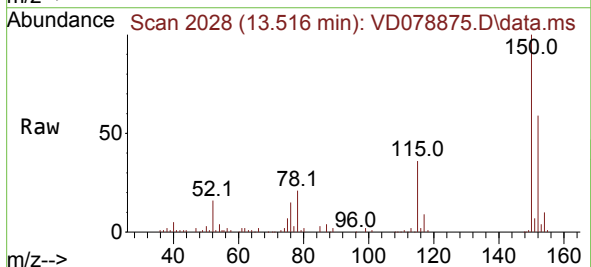
Instrument :
MSVOA_D
ClientSampleId :

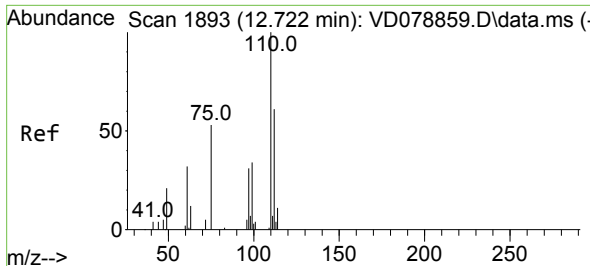
Tgt Ion:117 Resp: 203135
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.2
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Tgt Ion:152 Resp: 62222
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.2
150 162.7 0.0 350.2

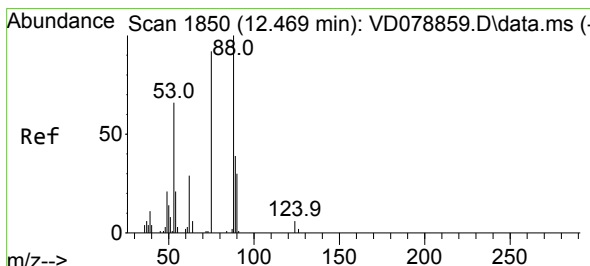
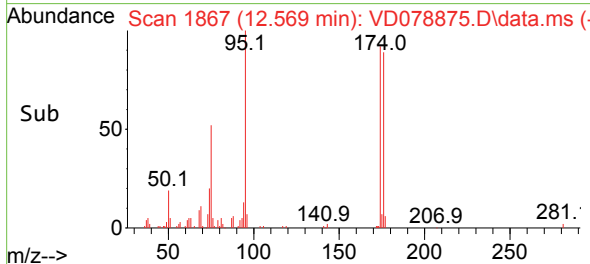
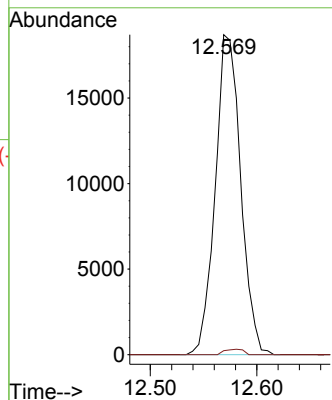
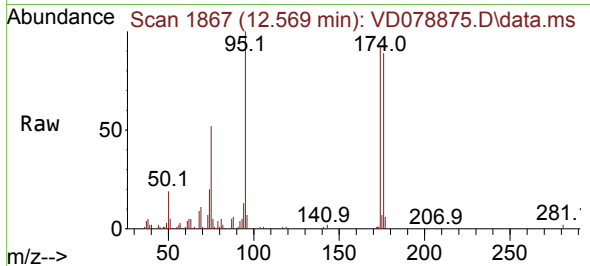




#76
1,2,3-Trichloropropane
Concen: 59.936 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31026
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.105 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Tgt Ion: 75 Resp: 31026
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

