

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078879.D
 Acq On : 07 May 2024 14:44
 Operator : RP/MD
 Sample : P2404-05
 Misc : 6.15G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:22:42 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)

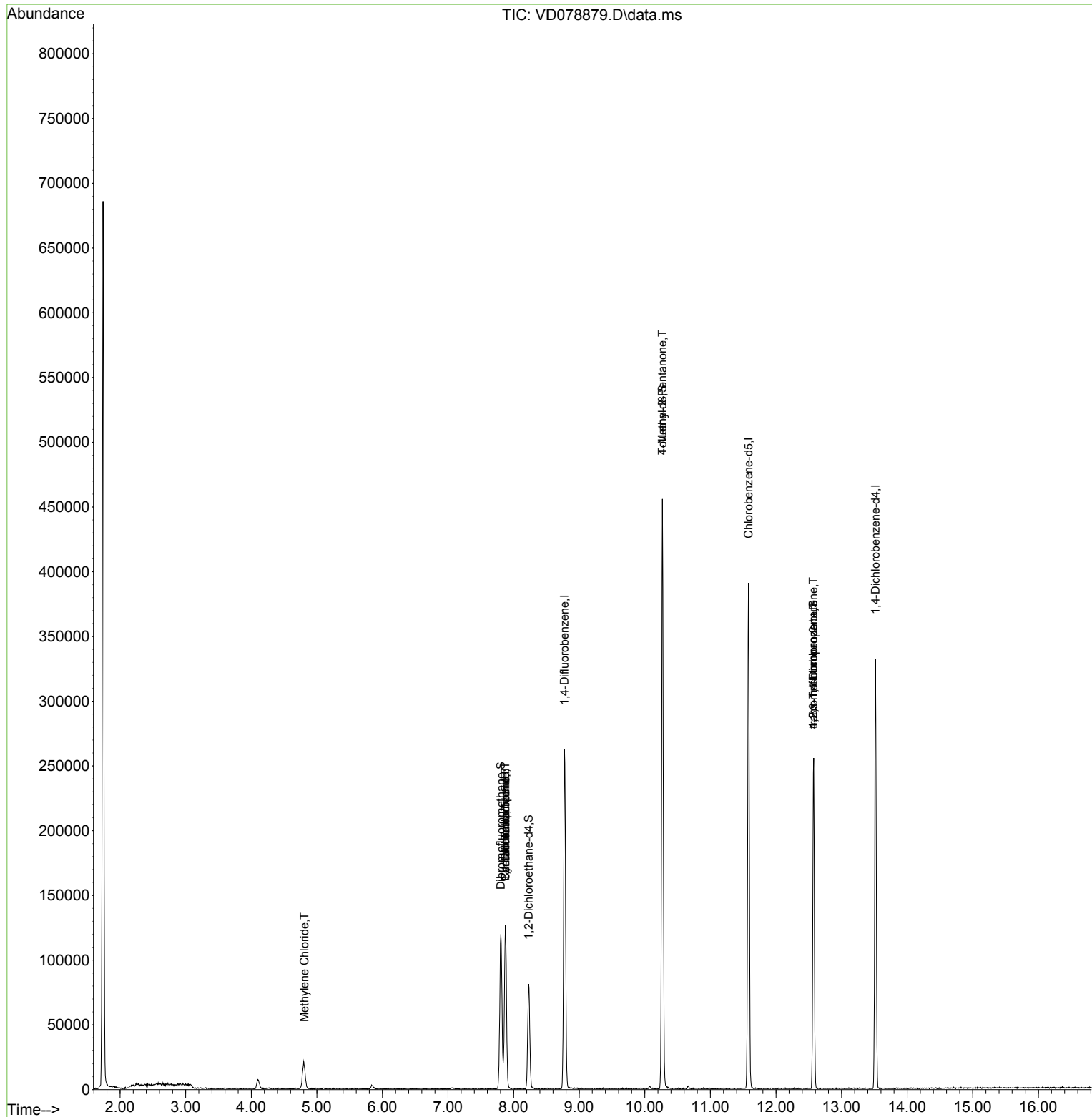
Internal Standards						
1) Pentafluorobenzene	7.875	168	100538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62873	56.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.680%	
35) Dibromofluoromethane	7.805	113	86259	47.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.700%	
50) Toluene-d8	10.269	98	313910	45.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.740%	
62) 4-Bromofluorobenzene	12.569	95	77273	39.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.040%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	17160	10.316	ug/l	86
31) Cyclohexane	7.875	56	1930	1.165	ug/l #	36
36) 1,1-Dichloropropene	7.875	75	6779	2.923	ug/l #	51
38) Carbon Tetrachloride	7.875	117	9856	3.692	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1104	1.469	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	39569	51.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	39569	100.779	ug/l #	19

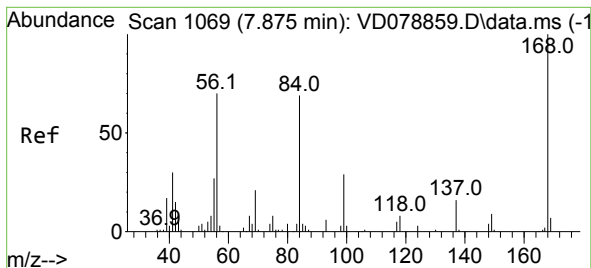
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078879.D

Acq: 07 May 2024 14:44

Instrument :

MSVOA_D

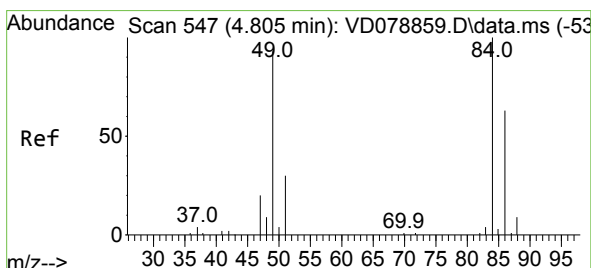
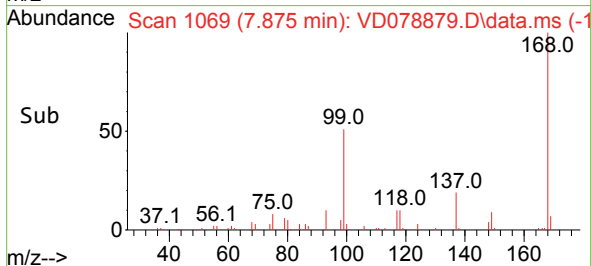
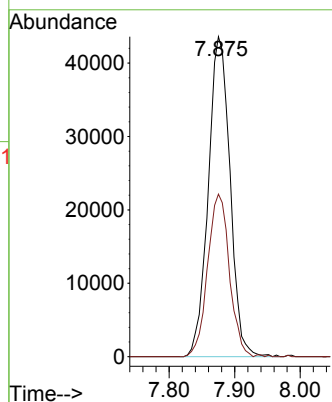
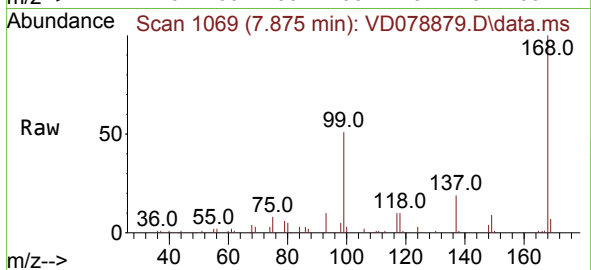
ClientSampleId :

Tgt Ion:168 Resp: 100538

Ion Ratio Lower Upper

168 100

99 50.8 38.8 58.2



#20

Methylene Chloride

Concen: 10.316 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

Tgt Ion: 84 Resp: 17160

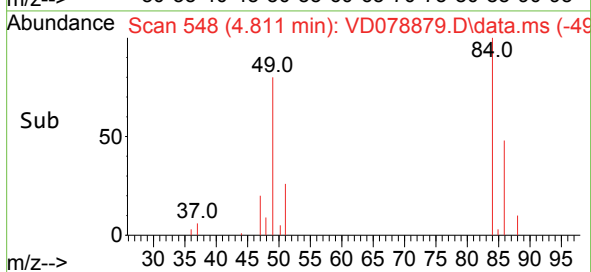
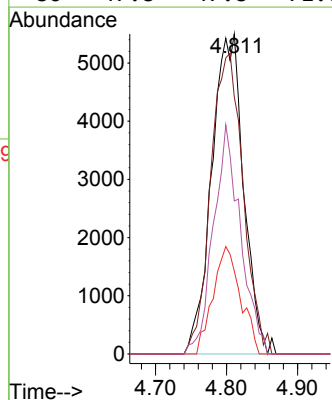
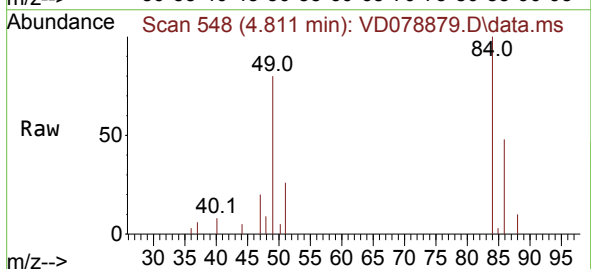
Ion Ratio Lower Upper

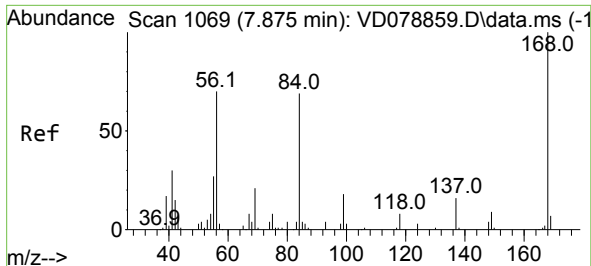
84 100

49 80.4 75.6 113.4

51 25.9 23.4 35.0

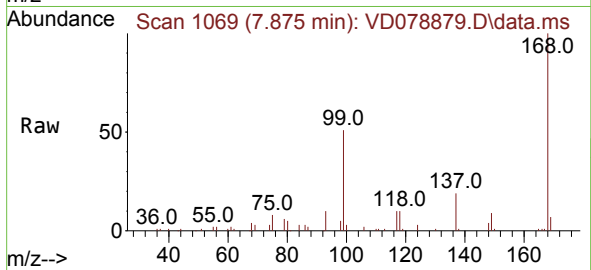
86 47.8 47.8 71.6



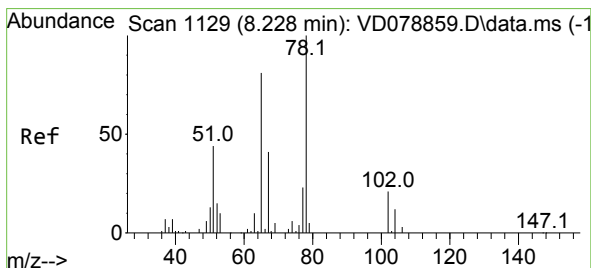
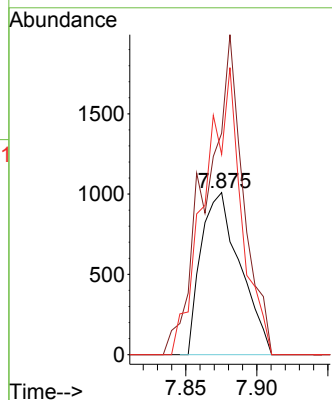
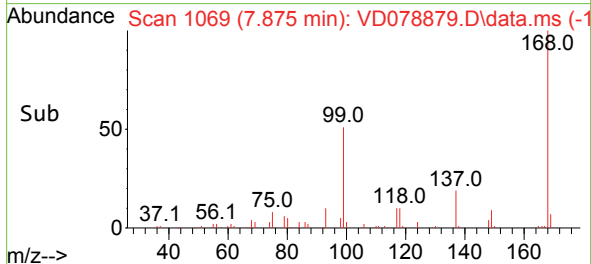


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

Instrument :
MSVOA_D
ClientSampleId :

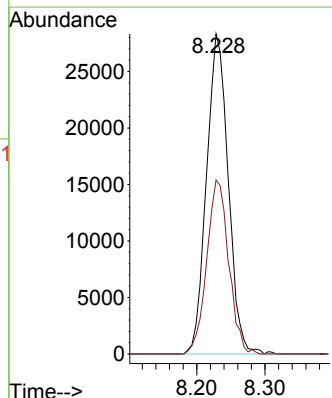
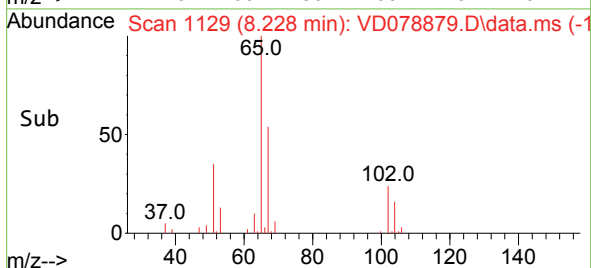
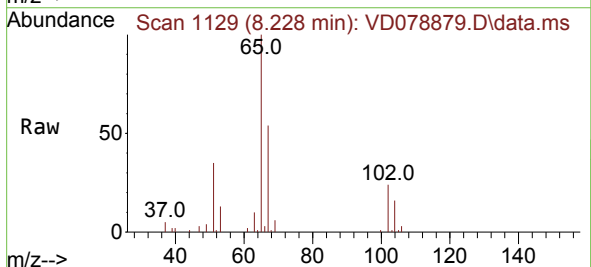


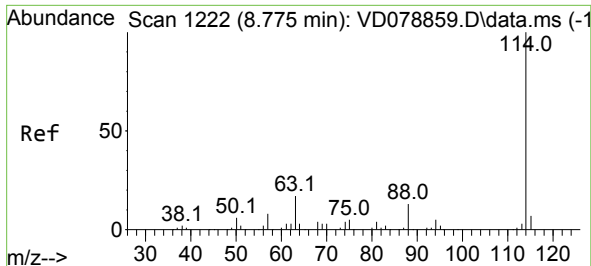
Tgt Ion: 56 Resp: 1930
Ion Ratio Lower Upper
56 100
69 136.7 26.6 40.0#
84 123.7 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 56.341 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

Tgt Ion: 65 Resp: 62873
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

Instrument :

MSVOA_D

ClientSampleId :

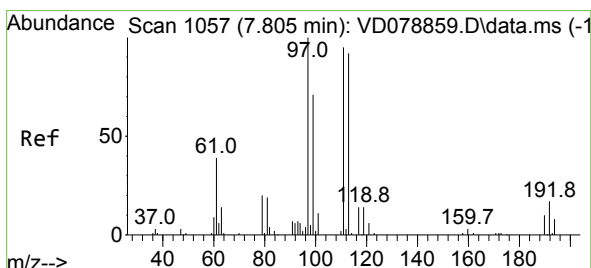
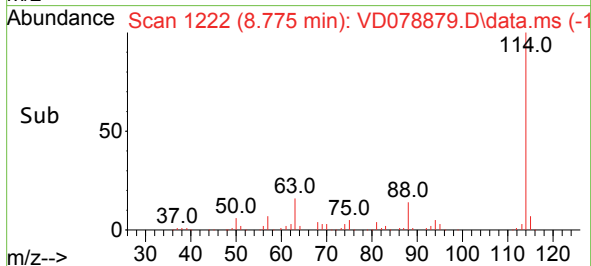
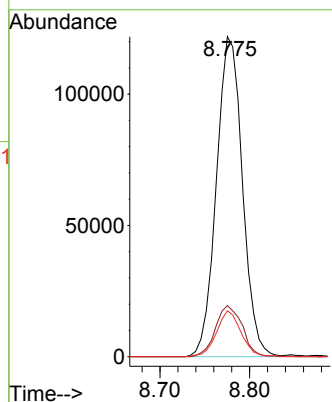
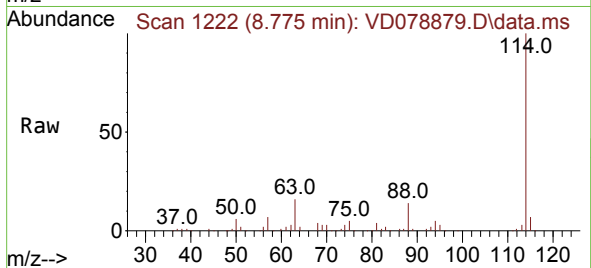
Tgt Ion:114 Resp: 245542

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 14.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.846 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

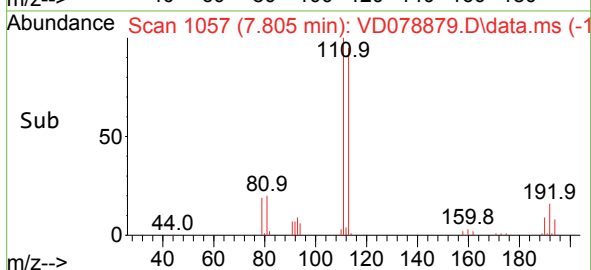
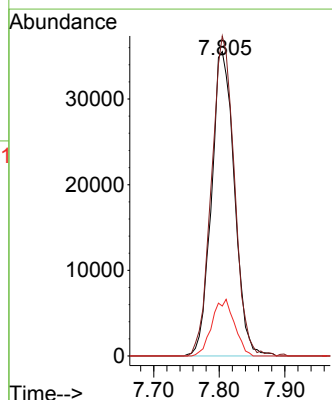
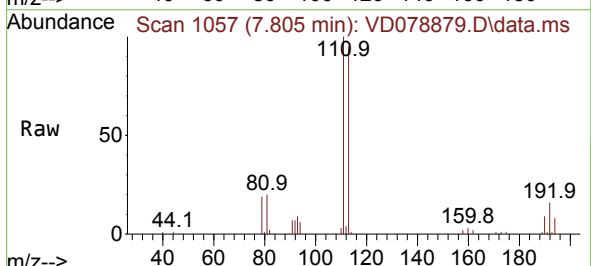
Tgt Ion:113 Resp: 86259

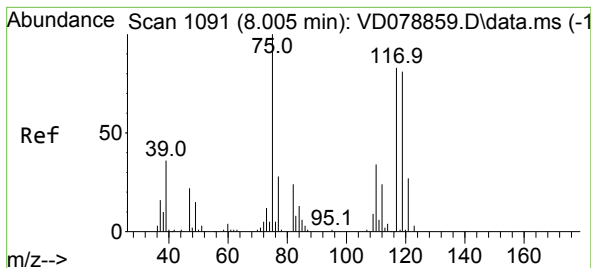
Ion Ratio Lower Upper

113 100

111 105.0 81.9 122.9

192 18.3 15.4 23.0





#36

1,1-Dichloropropene

Concen: 2.923 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

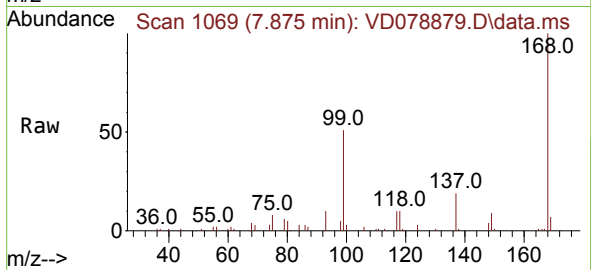
Lab File: VD078879.D

Acq: 07 May 2024 14:44

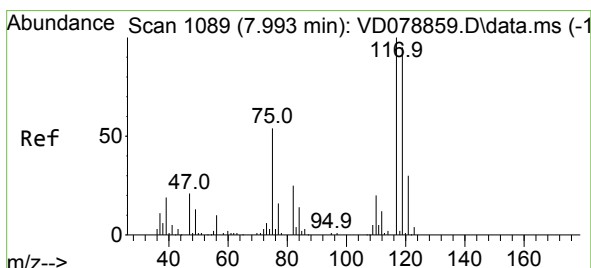
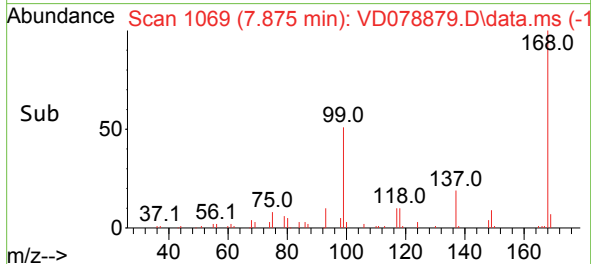
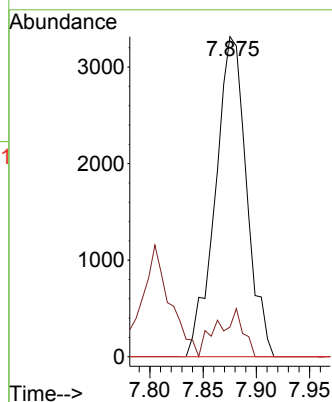
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 6779
Ion Ratio	Lower Upper
75	100
110	12.4 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 3.692 ug/l

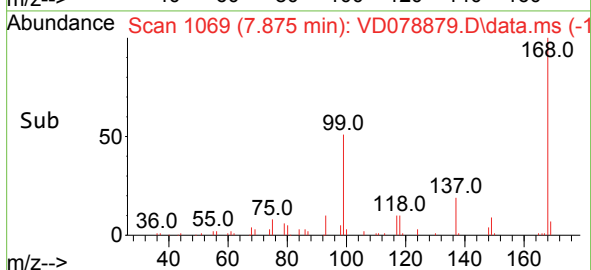
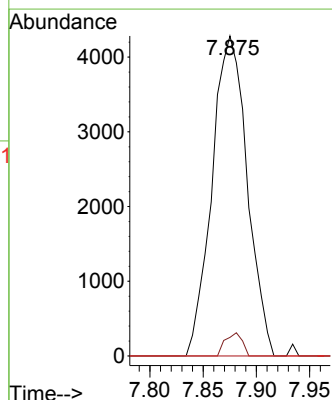
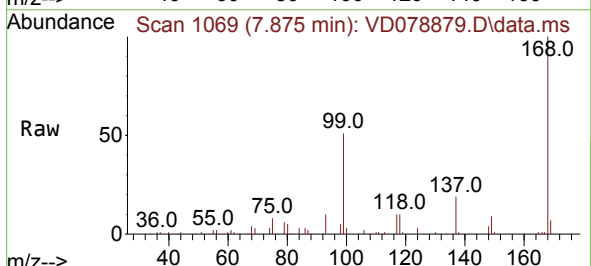
RT: 7.875 min Scan# 1069

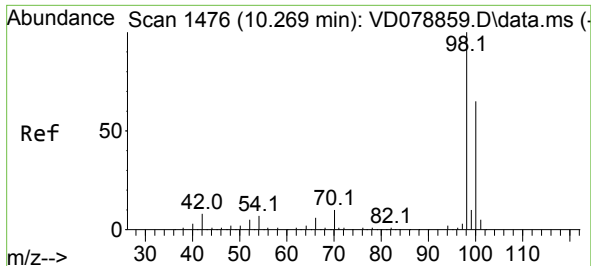
Delta R.T. -0.118 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

Tgt Ion: 117	Resp: 9856
Ion Ratio	Lower Upper
117	100
119	5.8 79.2 118.8#
121	0.0 26.8 40.2#

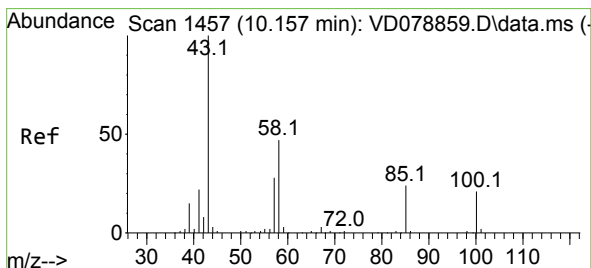
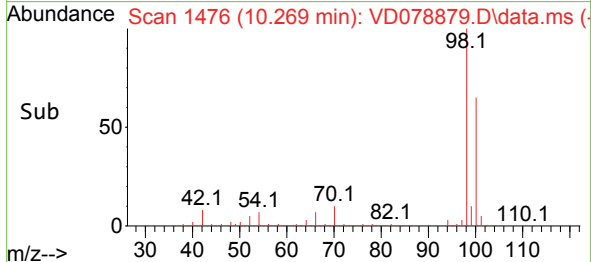
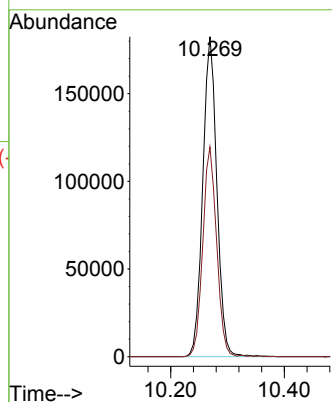
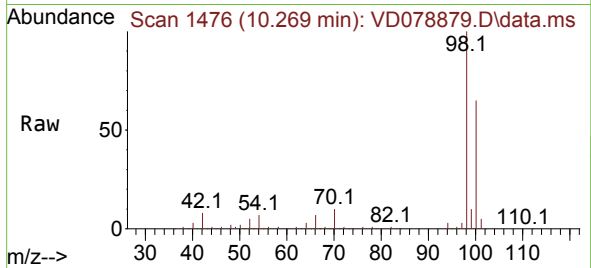




#50
Toluene-d8
Concen: 45.371 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

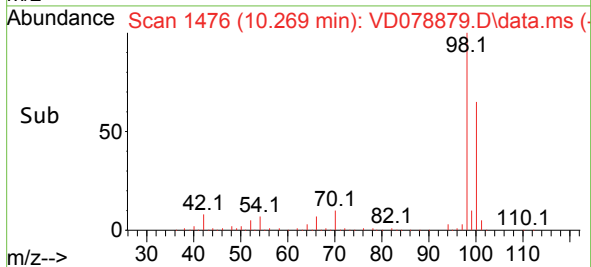
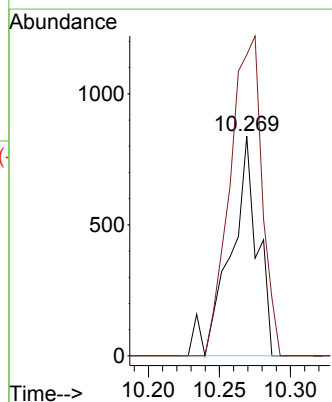
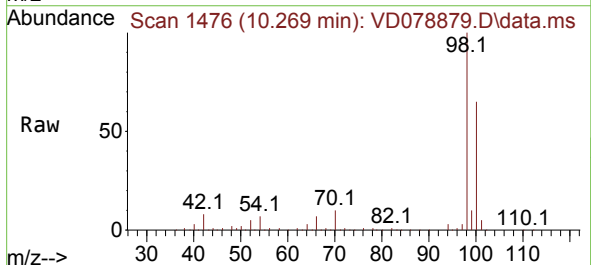
Instrument :
MSVOA_D
ClientSampleId :

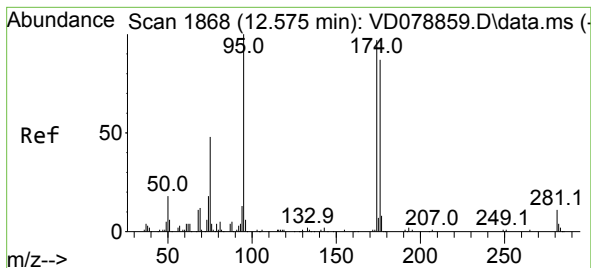
Tgt Ion: 98 Resp: 313910
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.469 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 173.2 36.4 54.6#

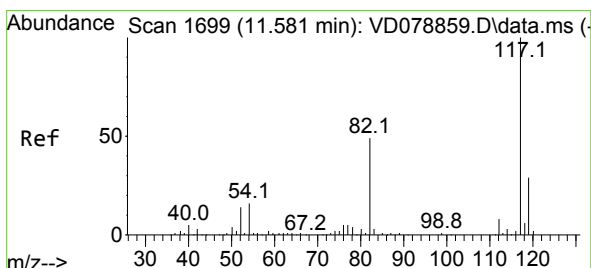
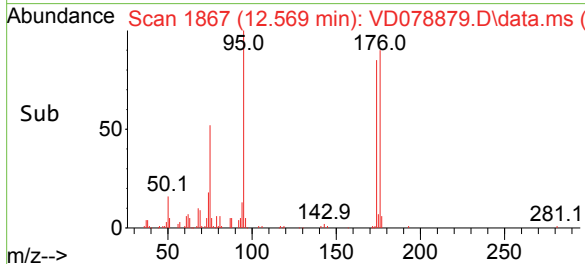
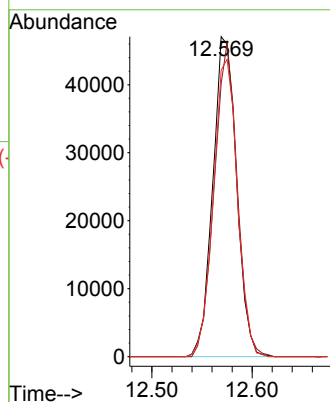
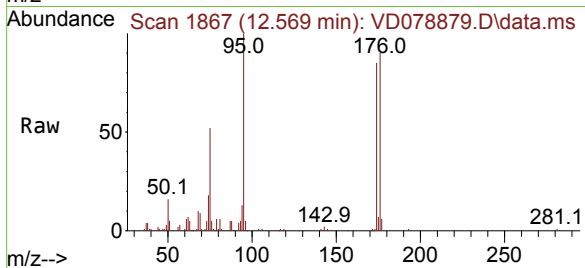




#62
4-Bromofluorobenzene
Concen: 39.024 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

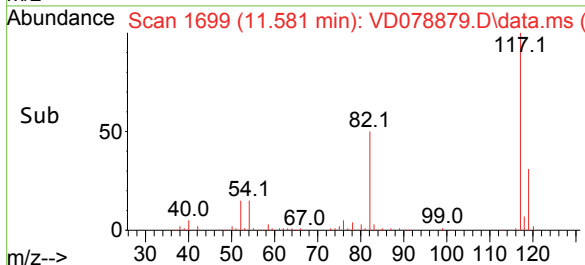
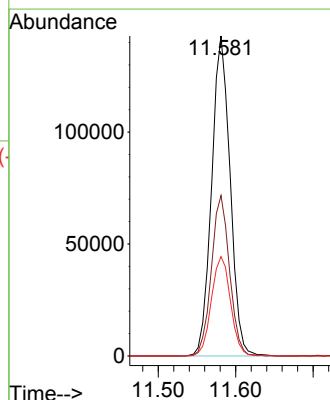
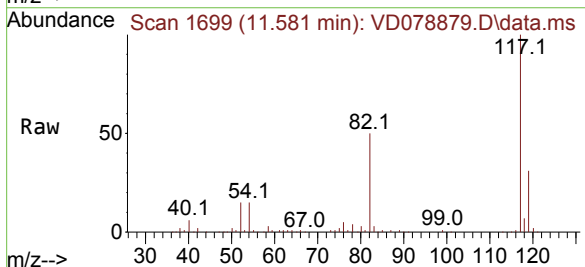
Instrument :
MSVOA_D
ClientSampleId :

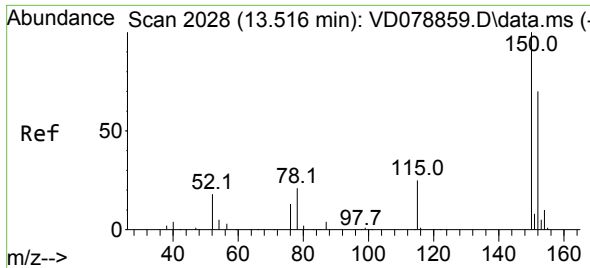
Tgt Ion: 95 Resp: 77273
Ion Ratio Lower Upper
95 100
174 94.9 0.0 195.2
176 94.3 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

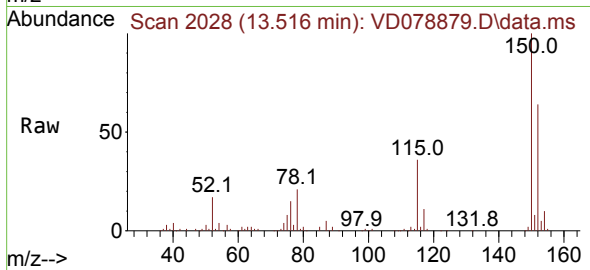
Tgt Ion: 117 Resp: 237137
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 31.1 26.5 39.7



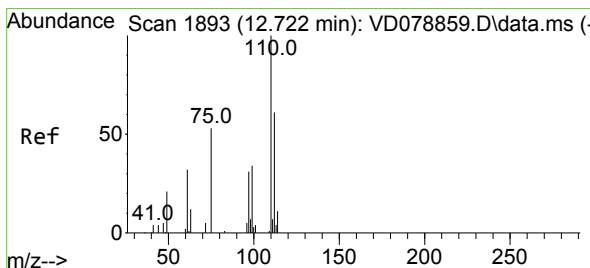
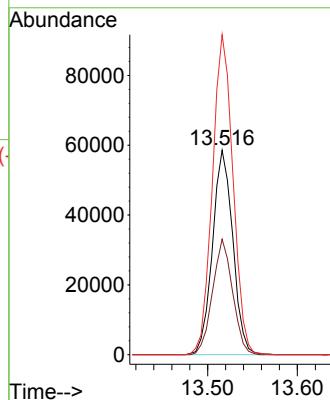
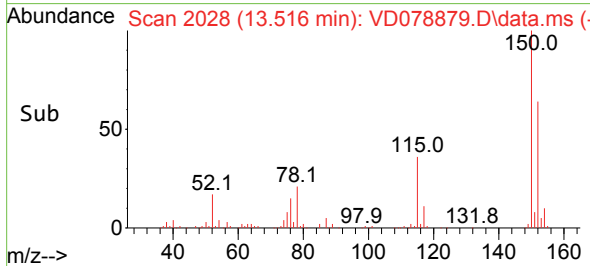


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078879.D
 Acq: 07 May 2024 14:44

Instrument :
 MSVOA_D
 ClientSampleId :

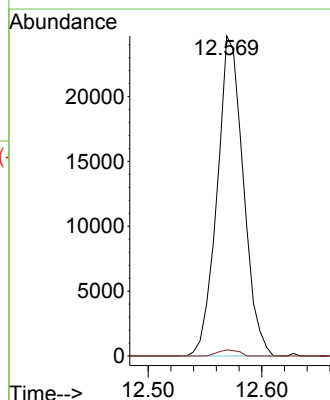
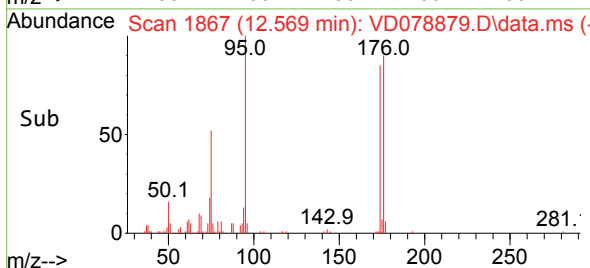
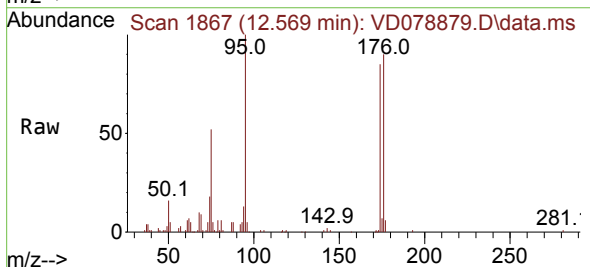


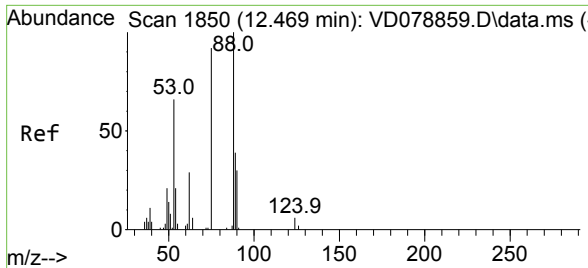
Tgt Ion:152 Resp: 92210
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.2
 150 158.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 51.580 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078879.D
 Acq: 07 May 2024 14:44

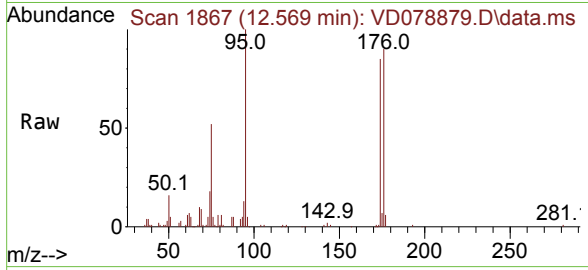
Tgt Ion: 75 Resp: 39569
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.779 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078879.D
 Acq: 07 May 2024 14:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	39569
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

