

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078881.D
 Acq On : 07 May 2024 16:29
 Operator : RP/MD
 Sample : P2395-05
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:23:28 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)

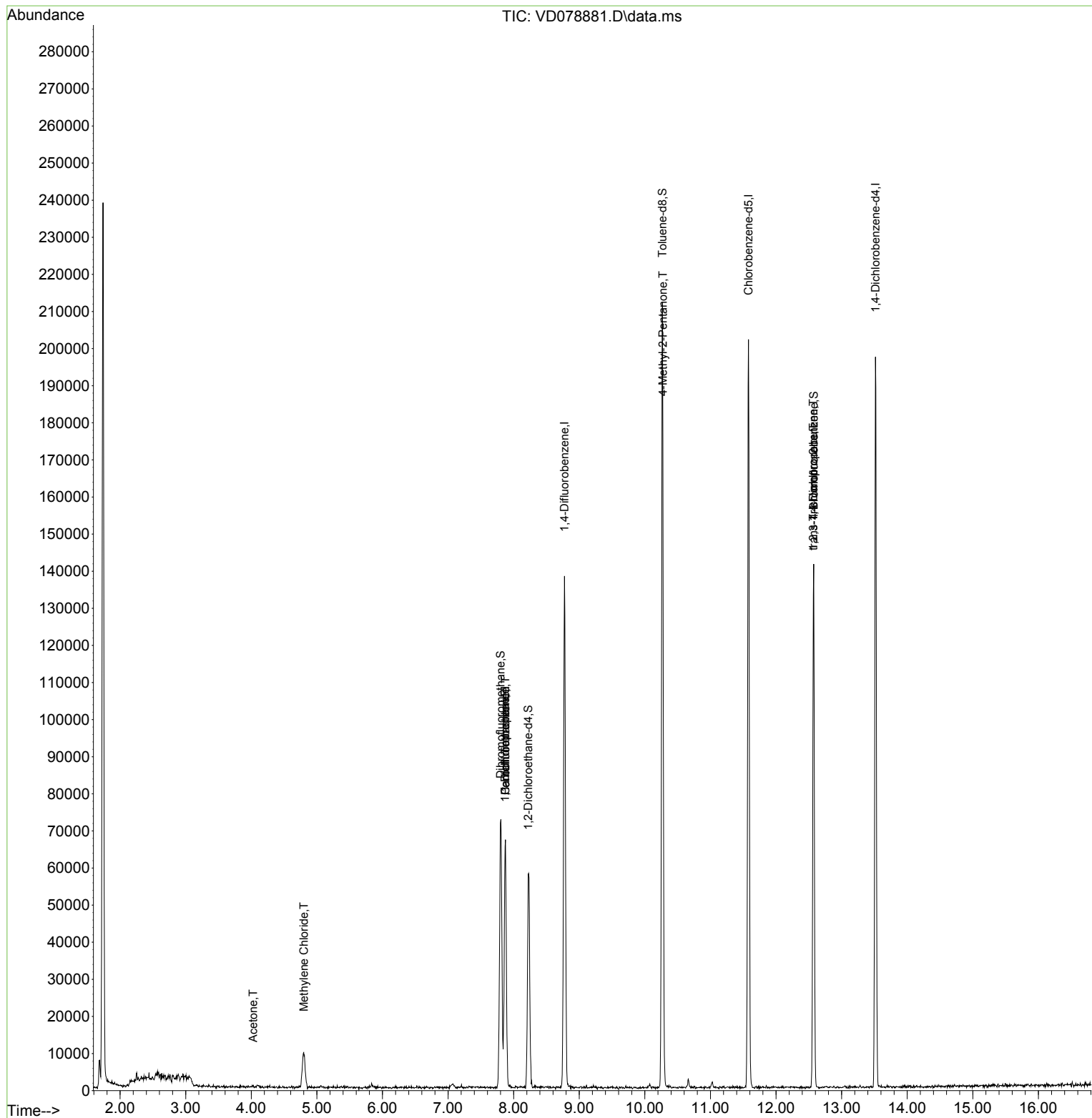
Internal Standards						
1) Pentafluorobenzene	7.875	168	54248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	131373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	56877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	46712	77.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.160%
35) Dibromofluoromethane	7.799	113	54846	56.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.720%
50) Toluene-d8	10.269	98	153075	41.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.700%
62) 4-Bromofluorobenzene	12.575	95	43582	41.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.280%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	198	2.205	ug/l #	39
20) Methylene Chloride	4.805	84	8509	9.490	ug/l	96
36) 1,1-Dichloropropene	7.869	75	3775	3.043	ug/l #	43
38) Carbon Tetrachloride	7.875	117	5277	3.695	ug/l #	11
51) 4-Methyl-2-Pentanone	10.275	43	510	1.269	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	21948	46.384	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	21948	90.626	ug/l #	19

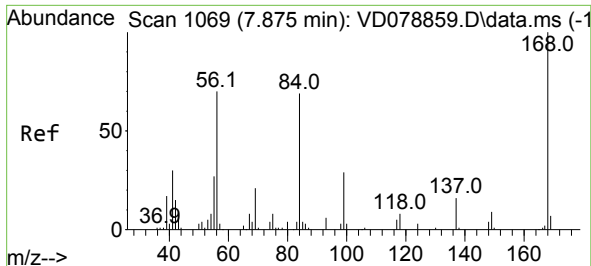
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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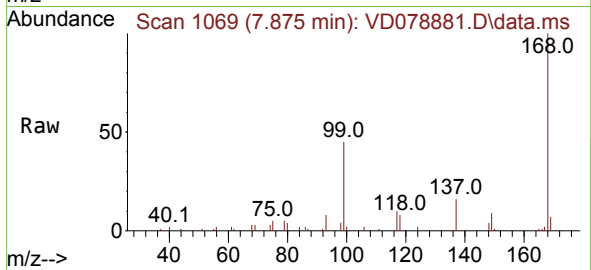
Quant Time: May 08 04:23:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 2024
Response via : Initial Calibration



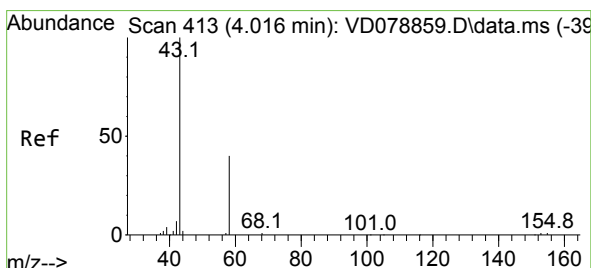
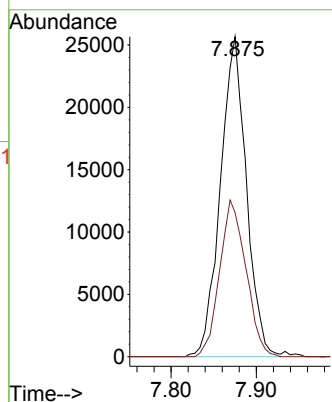
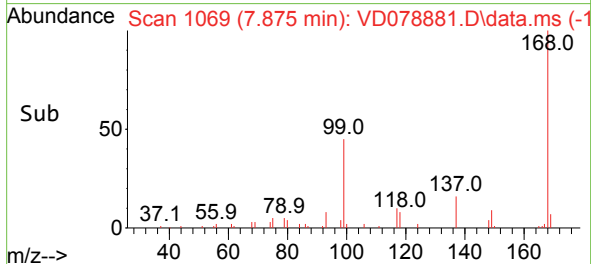


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

Instrument :
MSVOA_D
ClientSampleId :

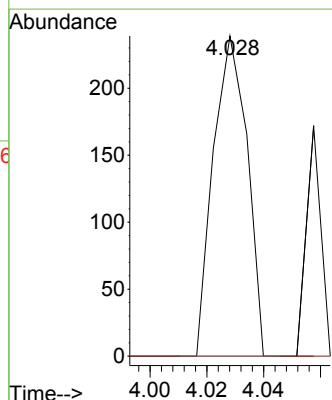
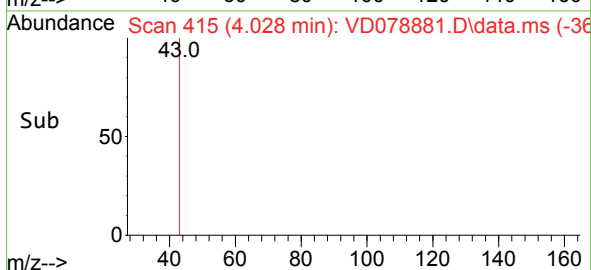
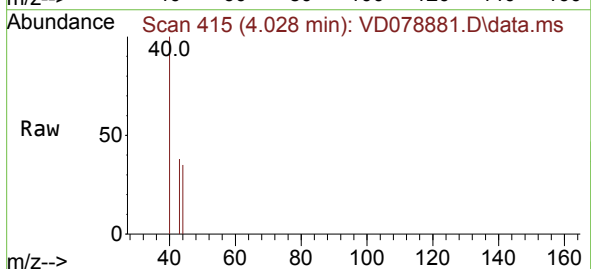


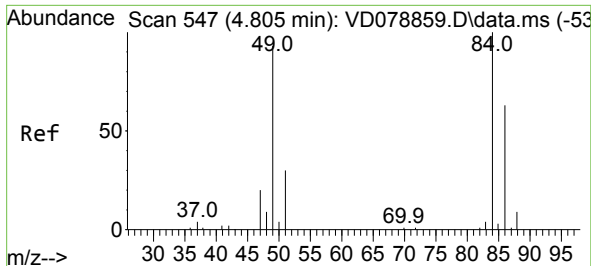
Tgt Ion:168 Resp: 54248
Ion Ratio Lower Upper
168 100
99 45.0 38.8 58.2



#16
Acetone
Concen: 2.205 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

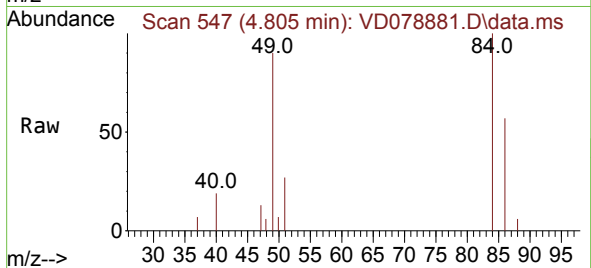
Tgt Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#





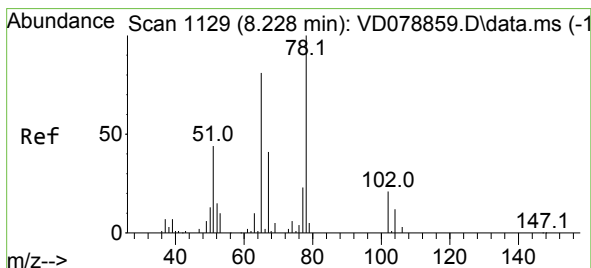
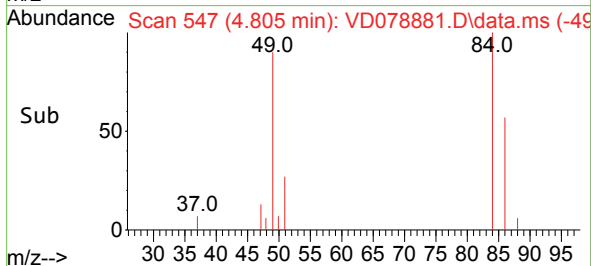
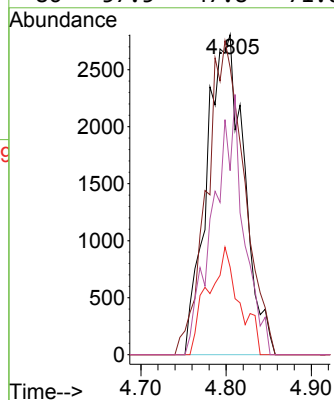
#20
Methylene Chloride
Concen: 9.490 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 8509

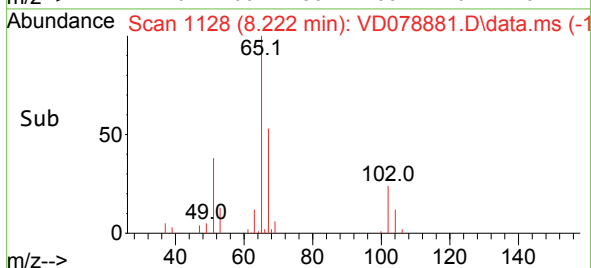
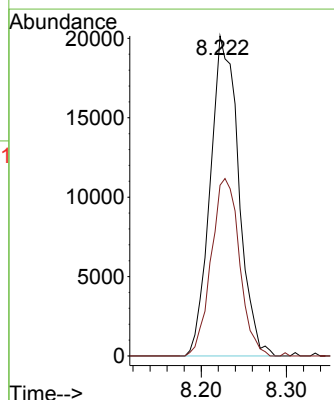
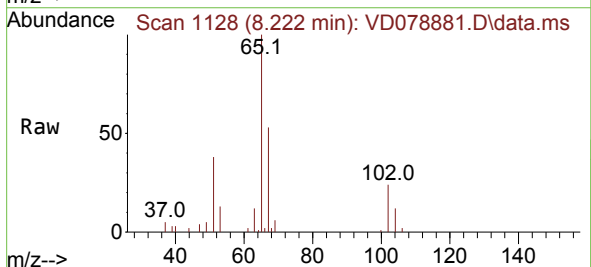
Ion	Ratio	Lower	Upper
84	100		
49	89.8	75.6	113.4
51	27.4	23.4	35.0
86	57.5	47.8	71.6

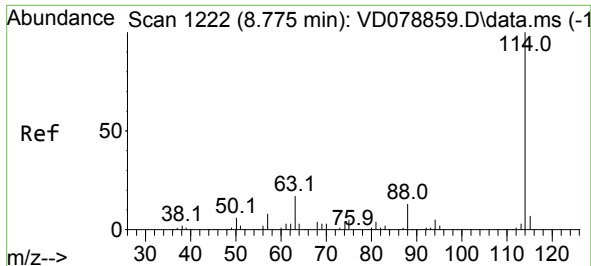


#33
1,2-Dichloroethane-d4
Concen: 77.578 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

Tgt Ion: 65 Resp: 46712

Ion	Ratio	Lower	Upper
65	100		
67	55.1	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: VD078881.D

Acq: 07 May 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

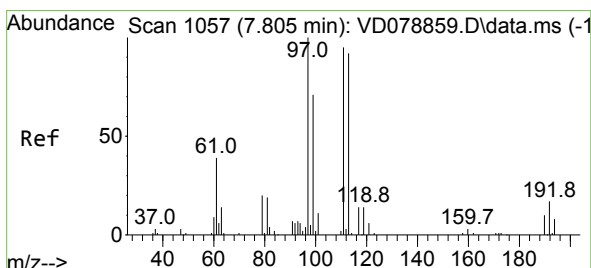
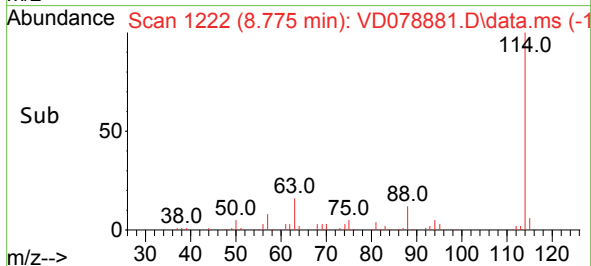
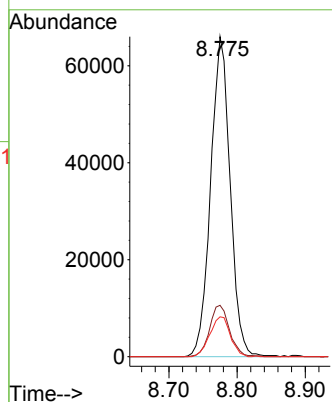
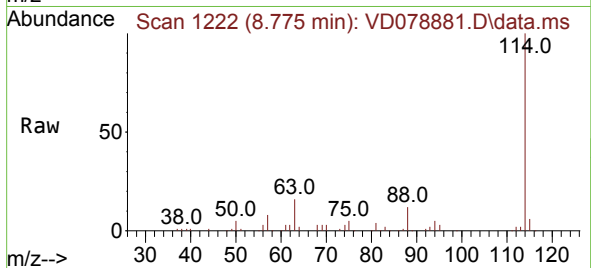
Tgt Ion:114 Resp: 131373

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 56.860 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078881.D

Acq: 07 May 2024 16:29

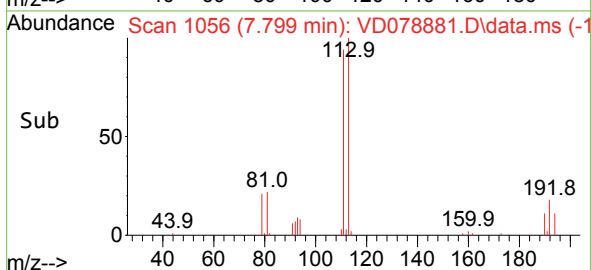
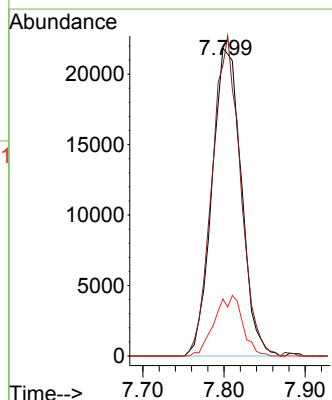
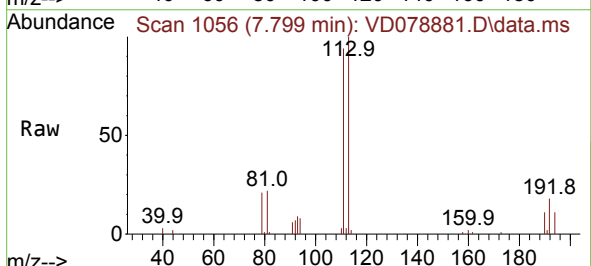
Tgt Ion:113 Resp: 54846

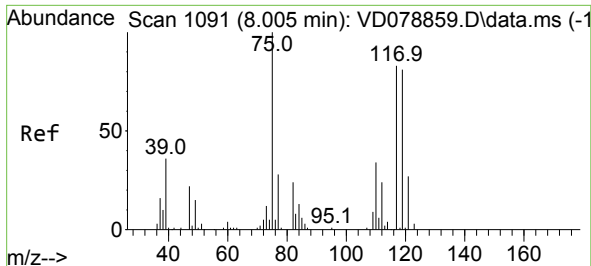
Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

192 18.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.043 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

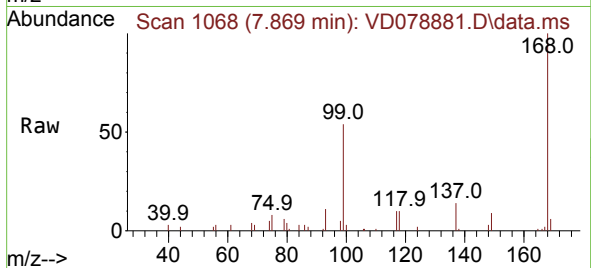
Lab File: VD078881.D

Acq: 07 May 2024 16:29

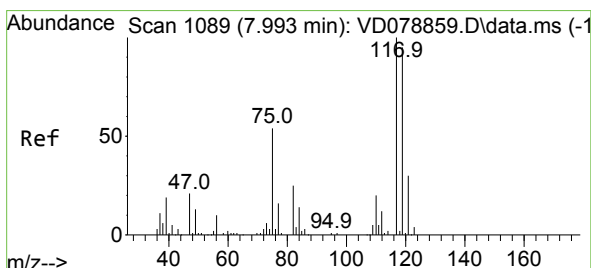
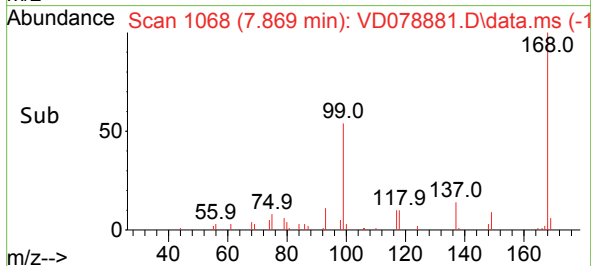
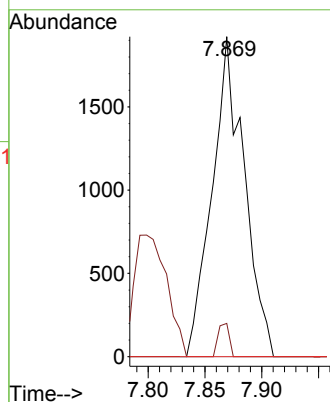
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 3775
Ion Ratio	Lower Upper
75	100
110	3.6 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 3.695 ug/l

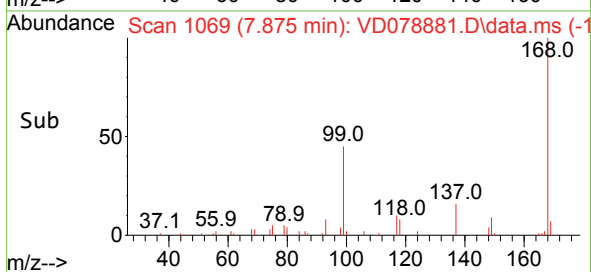
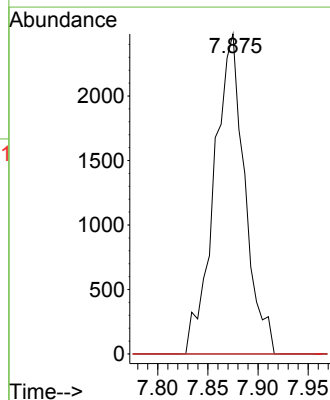
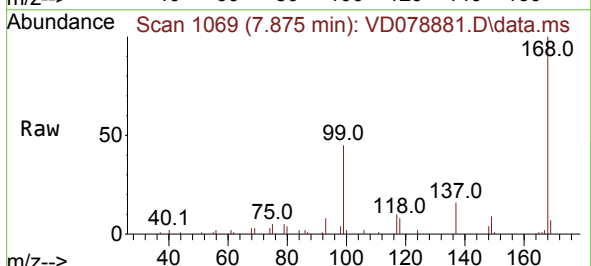
RT: 7.875 min Scan# 1069

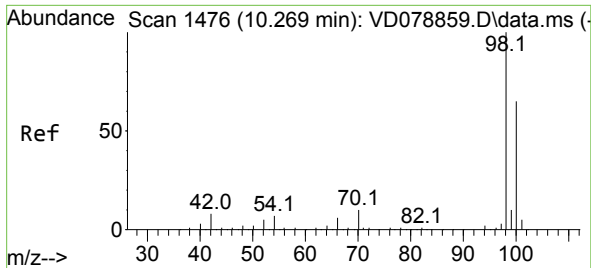
Delta R.T. -0.118 min

Lab File: VD078881.D

Acq: 07 May 2024 16:29

Tgt Ion: 117	Resp: 5277
Ion Ratio	Lower Upper
117	100
119	0.0 79.2 118.8#
121	0.0 26.8 40.2#

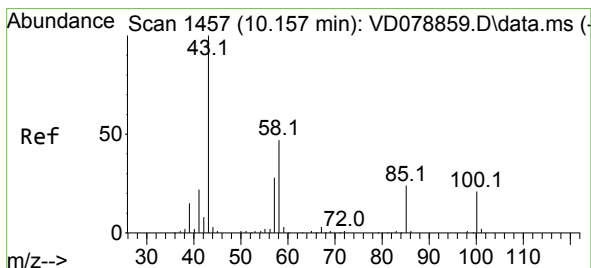
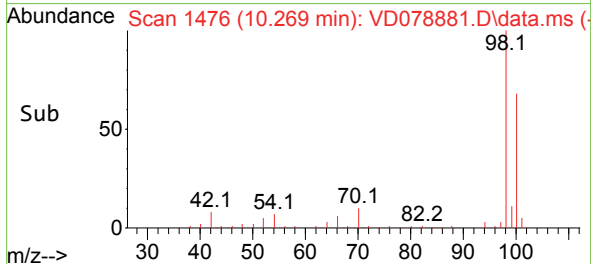
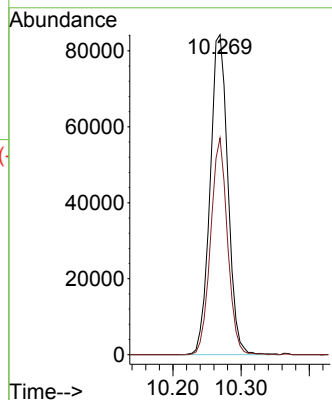
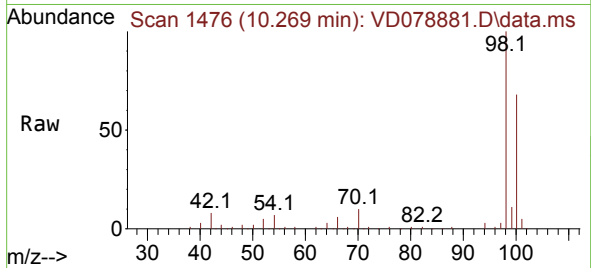




#50
Toluene-d8
Concen: 41.352 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

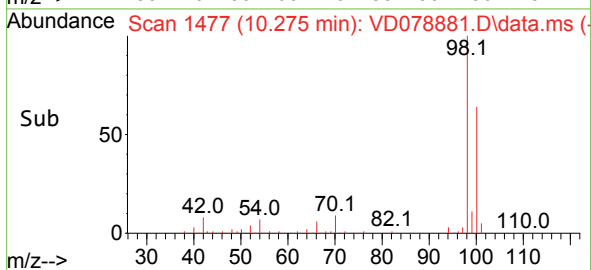
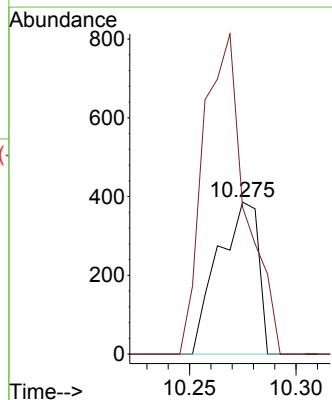
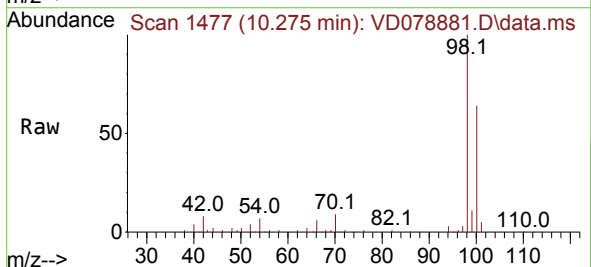
Instrument :
MSVOA_D
ClientSampleId :

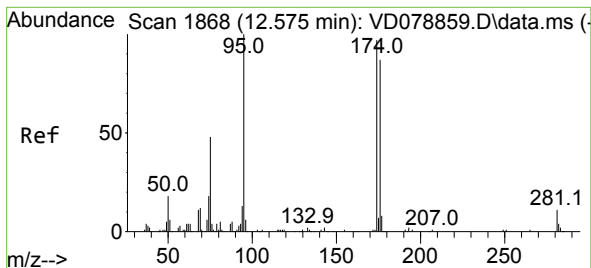
Tgt Ion: 98 Resp: 153075
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.269 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 220.6 36.4 54.6#

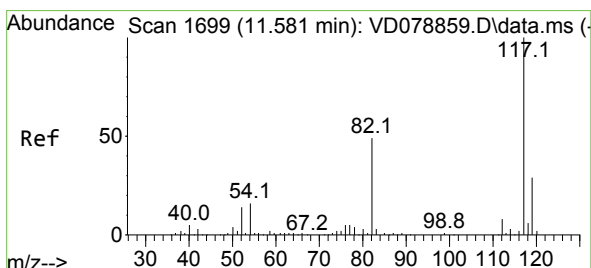
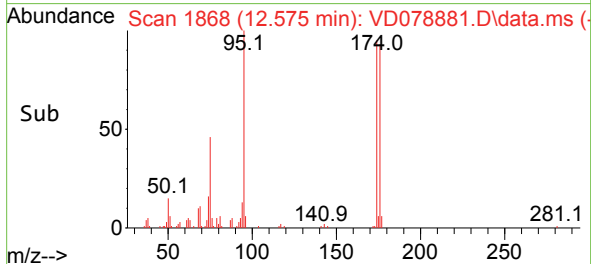
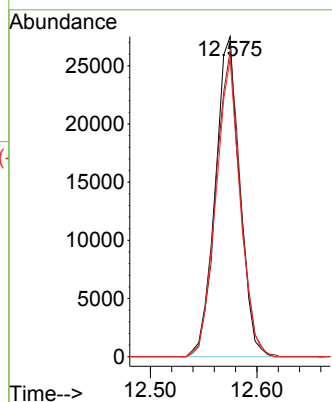
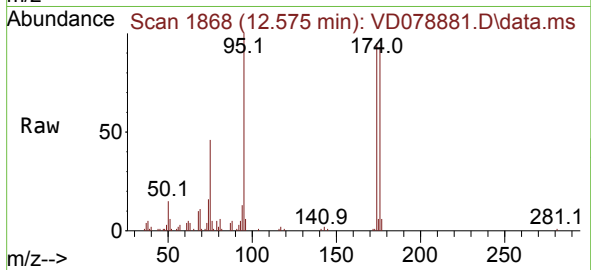




#62
4-Bromofluorobenzene
Concen: 41.137 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

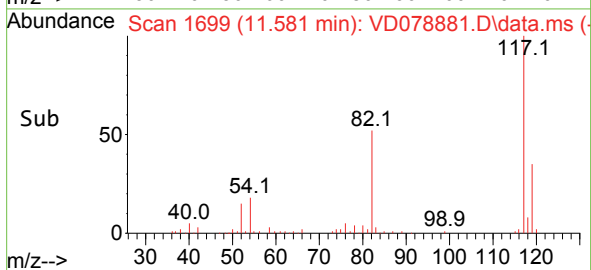
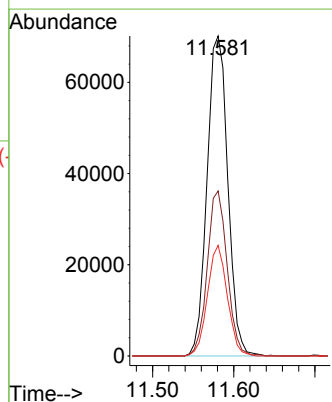
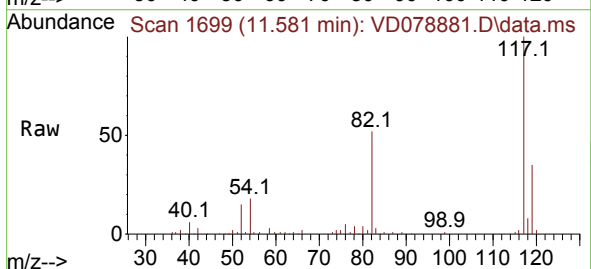
Instrument :
MSVOA_D
ClientSampleId :

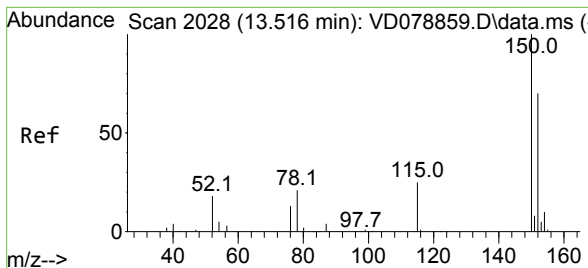
Tgt Ion: 95 Resp: 43582
Ion Ratio Lower Upper
95 100
174 96.6 0.0 195.2
176 93.1 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

Tgt Ion: 117 Resp: 124592
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 34.5 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: VD078881.D

Acq: 07 May 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

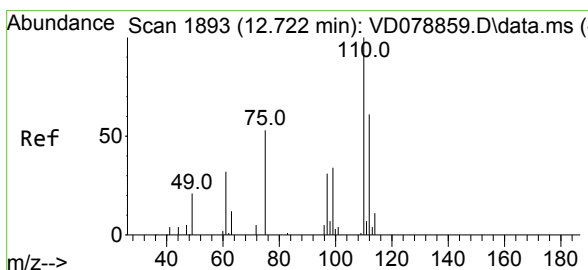
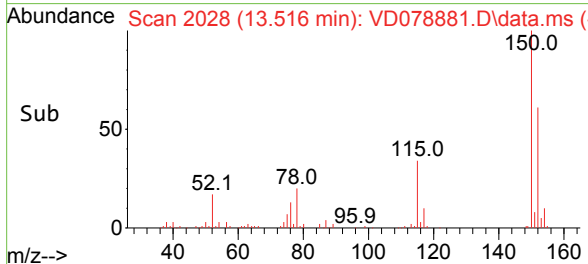
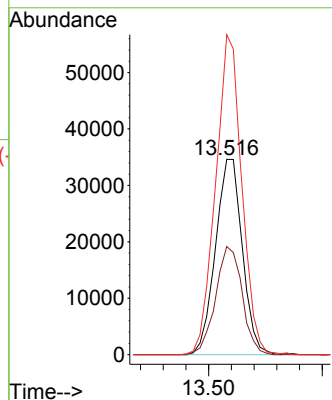
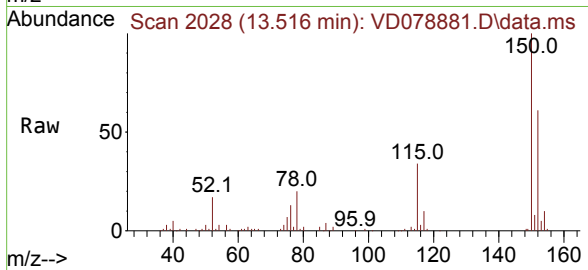
Tgt Ion:152 Resp: 56877

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

150 159.3 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 46.384 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078881.D

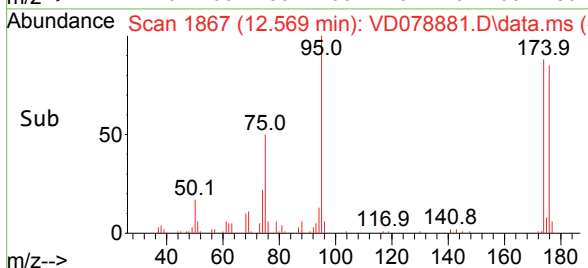
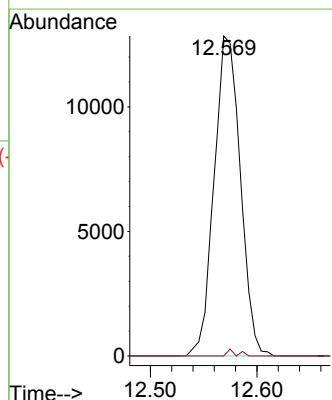
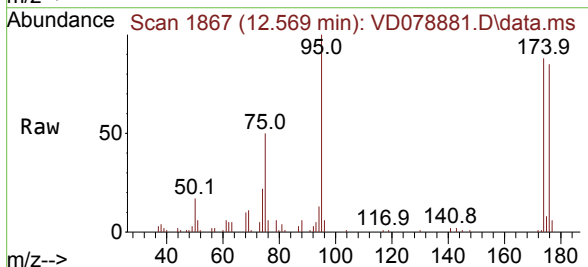
Acq: 07 May 2024 16:29

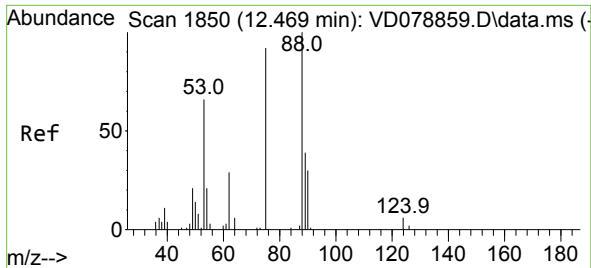
Tgt Ion: 75 Resp: 21948

Ion Ratio Lower Upper

75 100

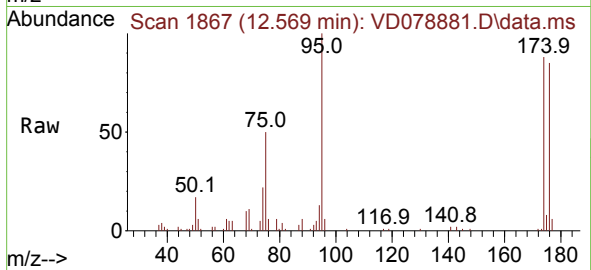
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.626 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD078881.D
 Acq: 07 May 2024 16:29

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	21948
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

