

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
 Data File : VD078886.D
 Acq On : 08 May 2024 13:19
 Operator : RP/MD
 Sample : VD0508SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 04:42:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 19:40:18 2024
 Response via : Initial Calibration

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

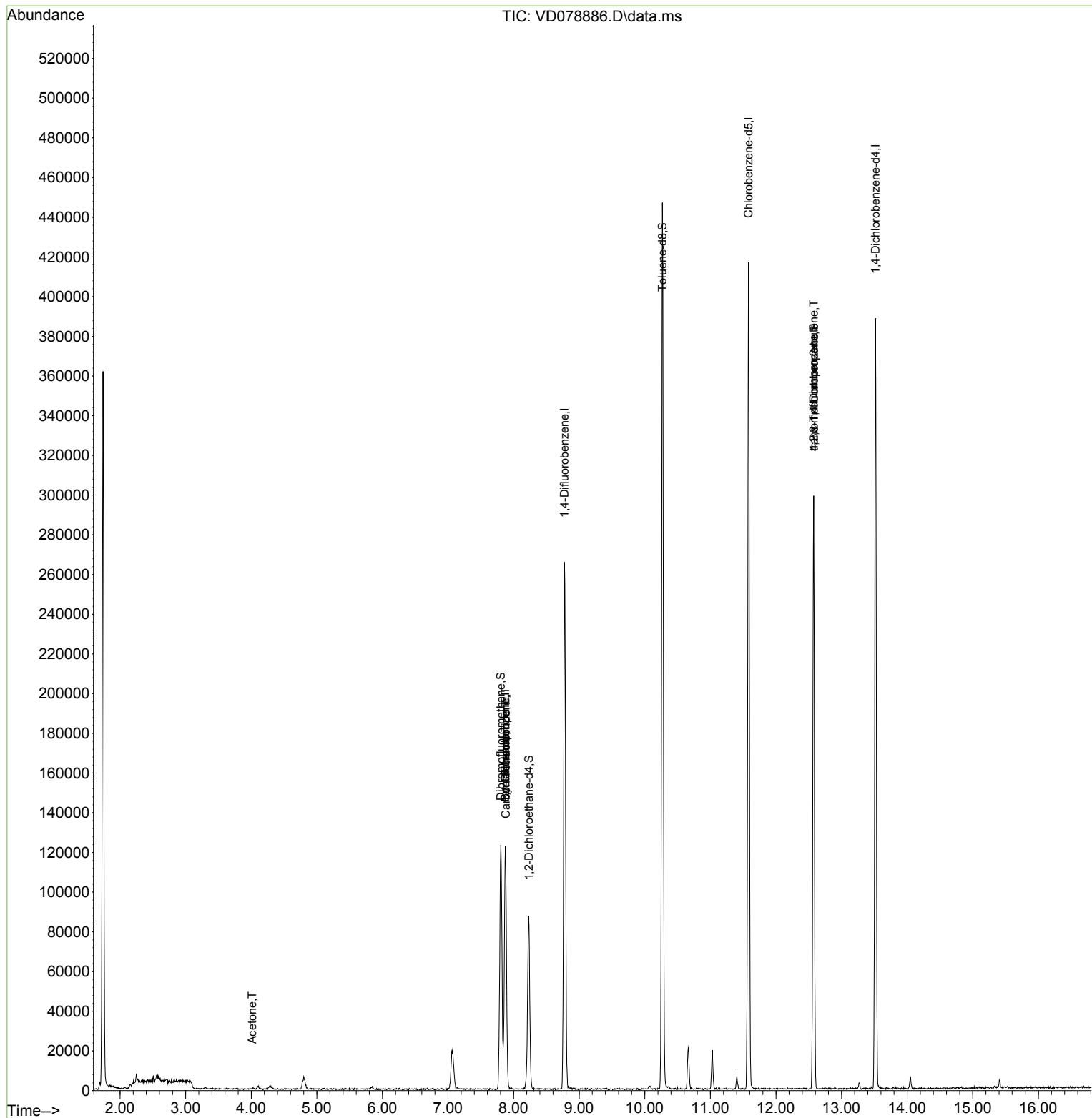
Internal Standards						
1) Pentafluorobenzene	7.875	168	99670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	250547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66175	59.817	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 119.640%		
35) Dibromofluoromethane	7.805	113	90302	49.088	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.180%		
50) Toluene-d8	10.269	98	323223	45.784	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 91.560%		
62) 4-Bromofluorobenzene	12.575	95	86099	42.613	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 85.220%		
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	493	2.988	ug/l #	39
31) Cyclohexane	7.875	56	2055	1.251	ug/l #	43
36) 1,1-Dichloropropene	7.875	75	7664	3.239	ug/l #	45
38) Carbon Tetrachloride	7.881	117	9200	3.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	44371	48.649	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	44371	95.052	ug/l #	19

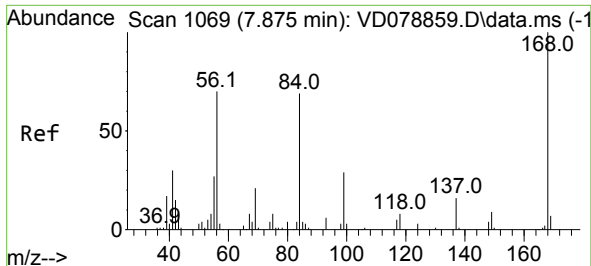
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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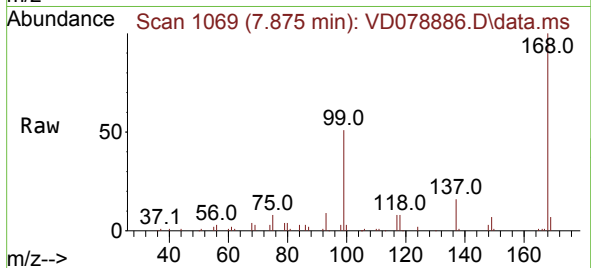
Quant Time: May 09 04:42:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 2024
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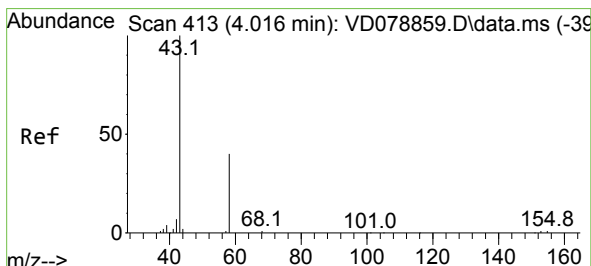
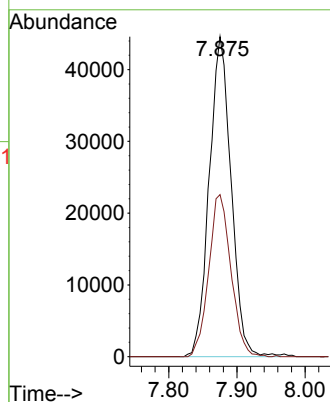
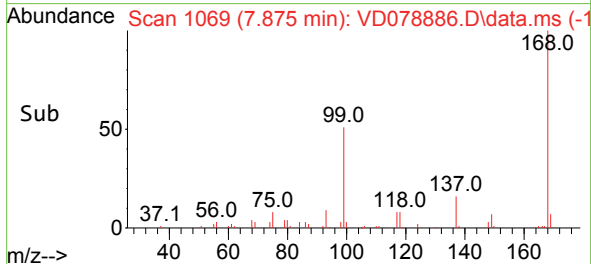


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :

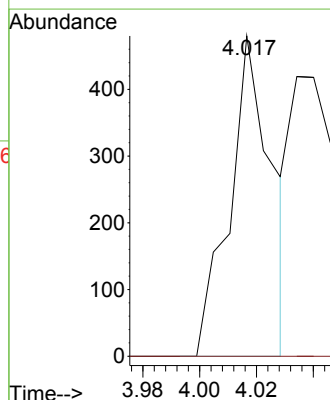
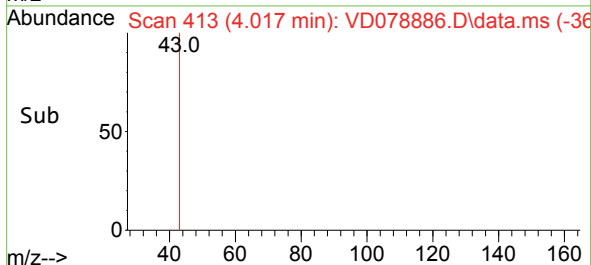
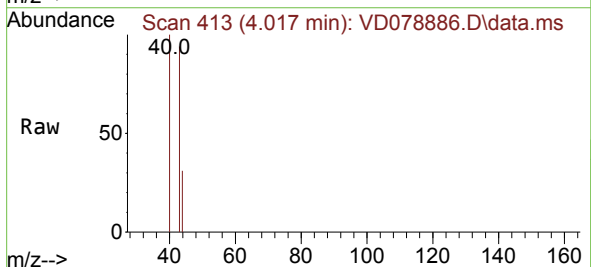


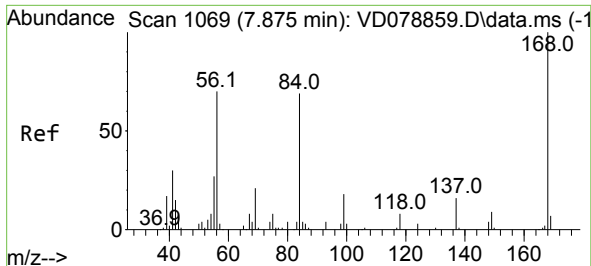
Tgt Ion:168 Resp: 99670
Ion Ratio Lower Upper
168 100
99 50.6 38.8 58.2



#16
Acetone
Concen: 2.988 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.001 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

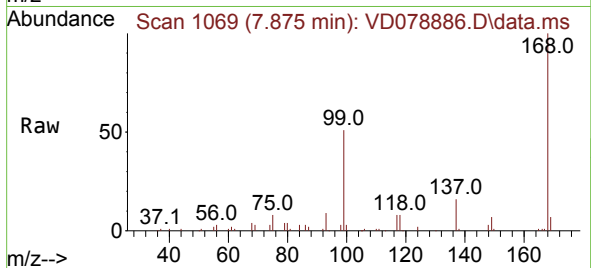
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



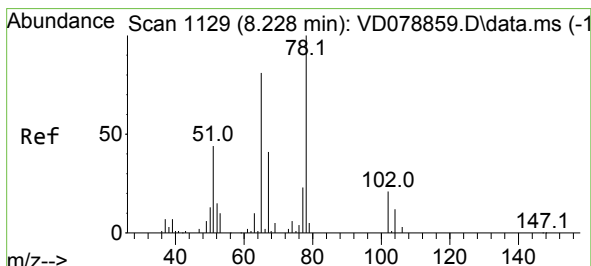
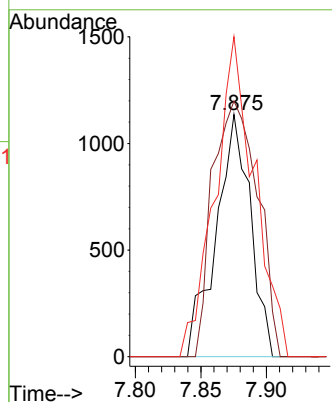
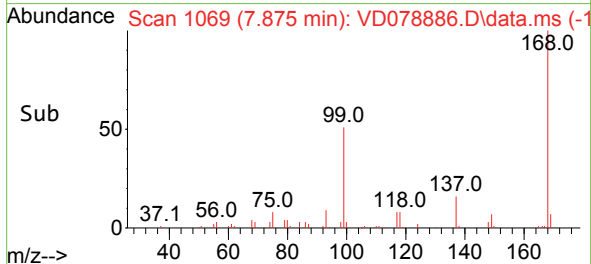


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :

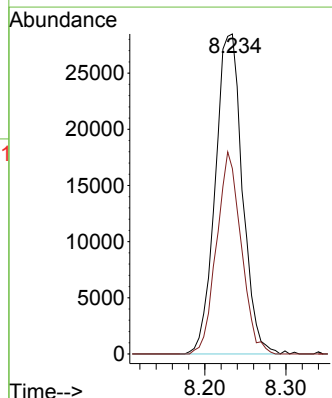
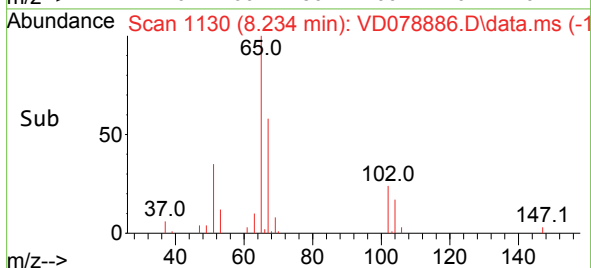
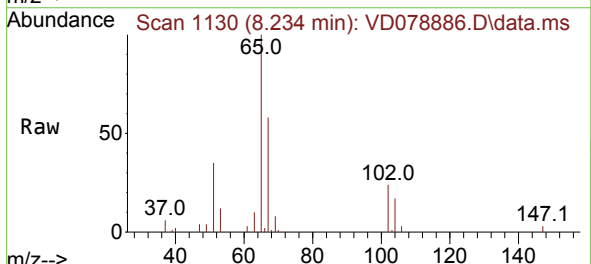


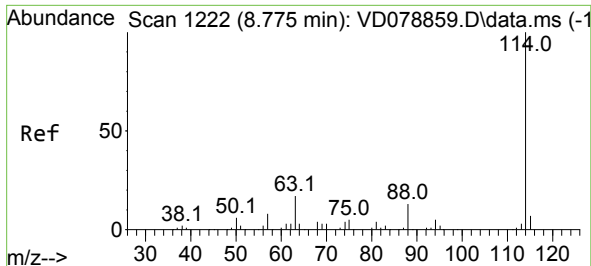
Tgt Ion: 56 Resp: 2055
Ion Ratio Lower Upper
56 100
69 105.5 26.6 40.0#
84 132.1 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 59.817 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Tgt Ion: 65 Resp: 66175
Ion Ratio Lower Upper
65 100
67 57.4 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: VD078886.D

Acq: 08 May 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

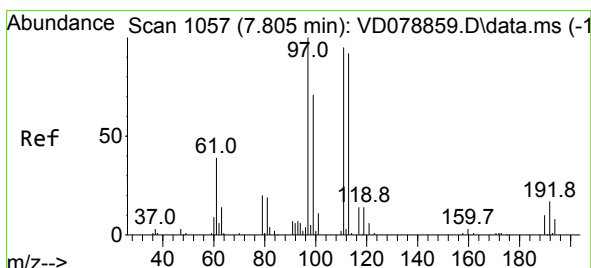
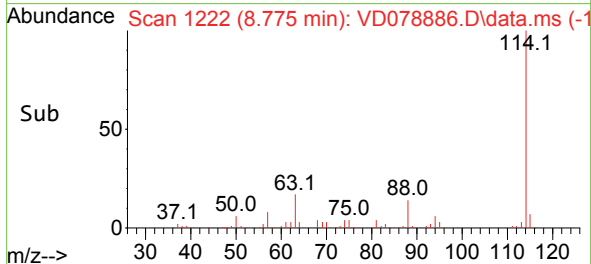
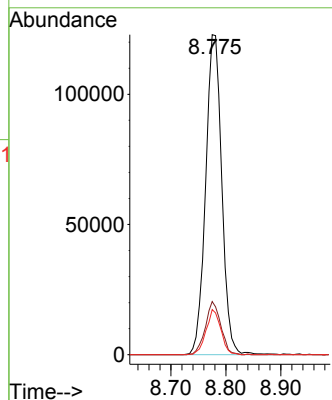
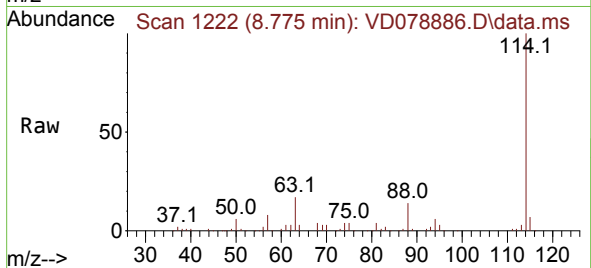
Tgt Ion:114 Resp: 250547

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 14.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 49.088 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078886.D

Acq: 08 May 2024 13:19

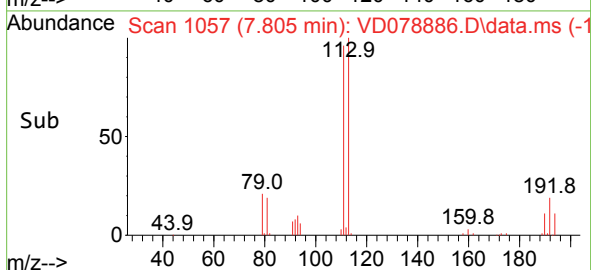
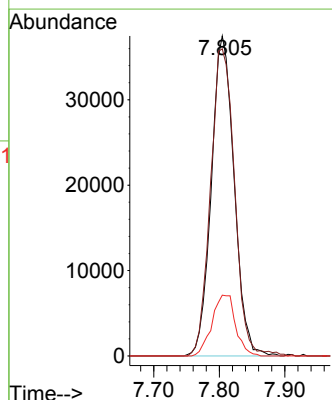
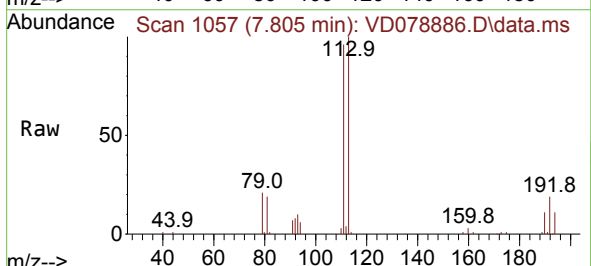
Tgt Ion:113 Resp: 90302

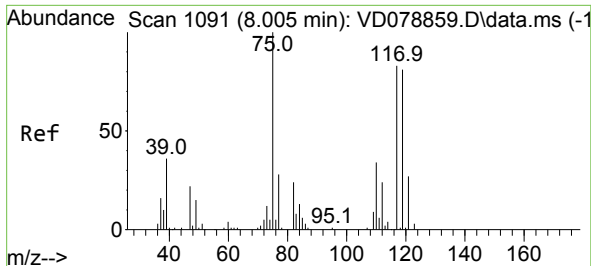
Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 19.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.239 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

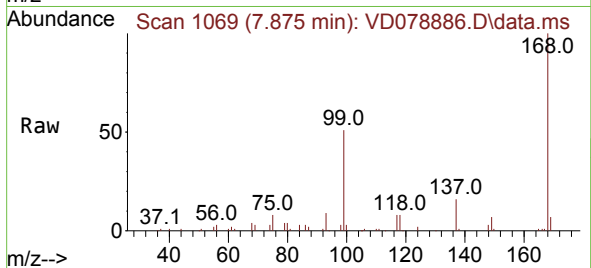
Lab File: VD078886.D

Acq: 08 May 2024 13:19

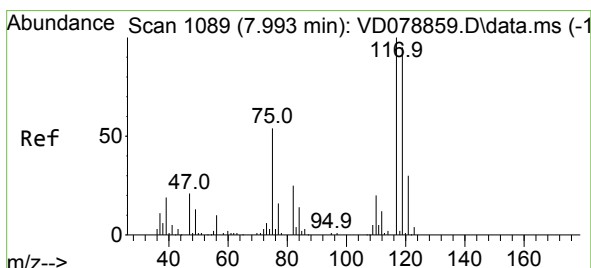
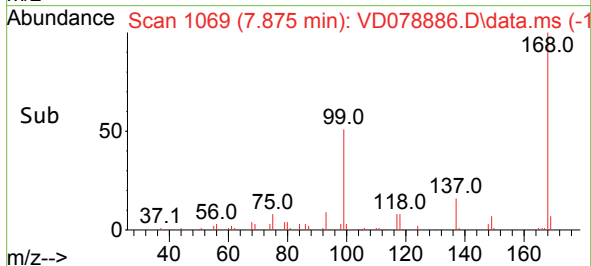
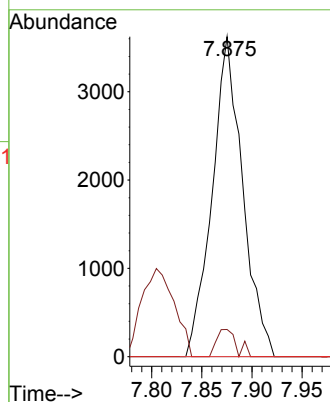
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	7664
Ion	Ratio	Lower	Upper
75	100		
110	5.5	19.1	57.1#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 3.378 ug/l

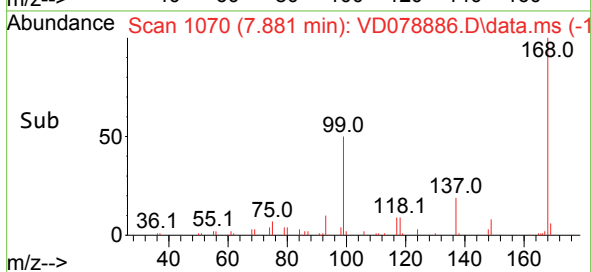
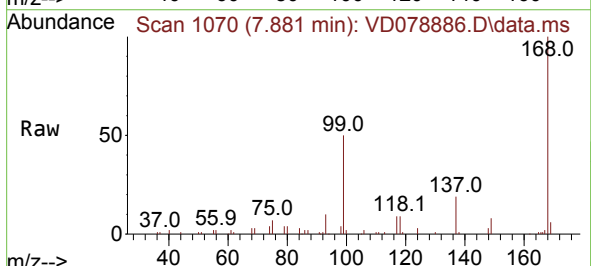
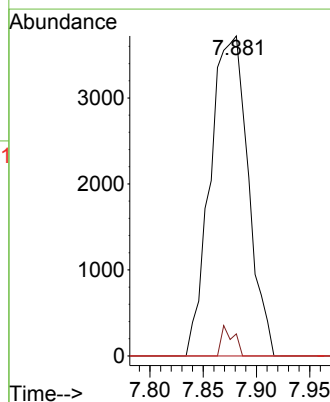
RT: 7.881 min Scan# 1070

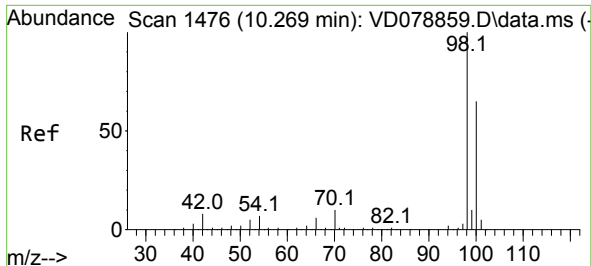
Delta R.T. -0.112 min

Lab File: VD078886.D

Acq: 08 May 2024 13:19

Tgt Ion:	117	Resp:	9200
Ion	Ratio	Lower	Upper
117	100		
119	6.9	79.2	118.8#
121	0.0	26.8	40.2#

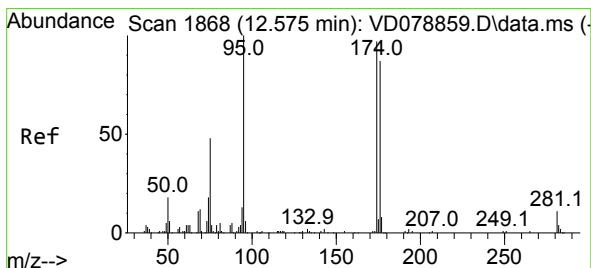
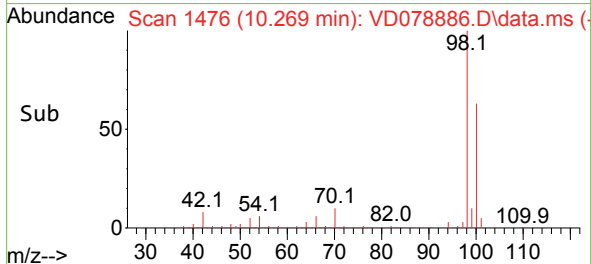
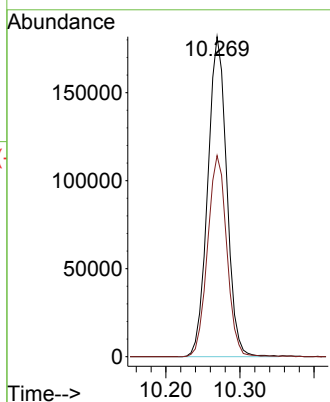
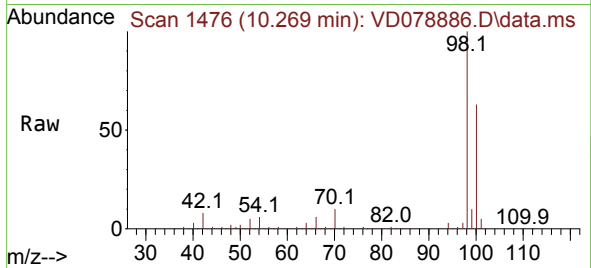




#50
Toluene-d8
Concen: 45.784 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

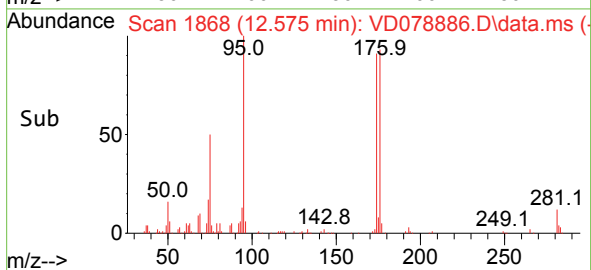
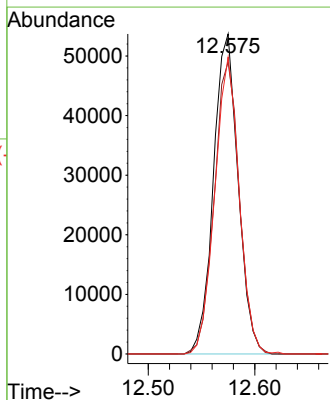
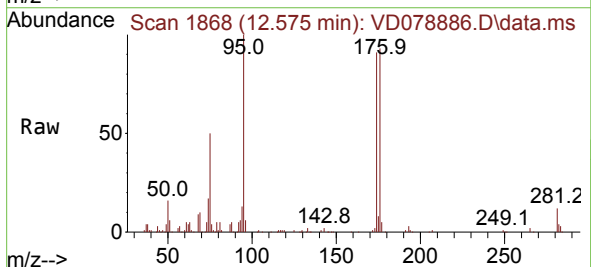
Instrument :
MSVOA_D
ClientSampleId :

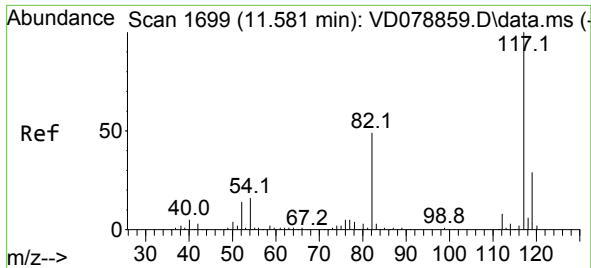
Tgt Ion: 98 Resp: 323223
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

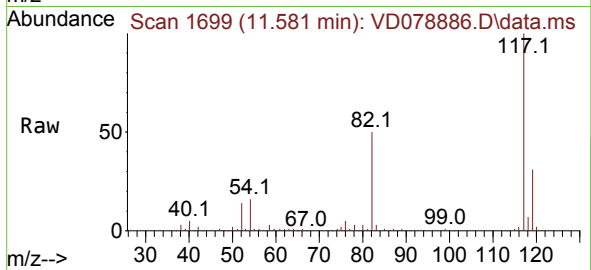
Tgt Ion: 95 Resp: 86099
Ion Ratio Lower Upper
95 100
174 93.1 0.0 195.2
176 91.9 0.0 188.2



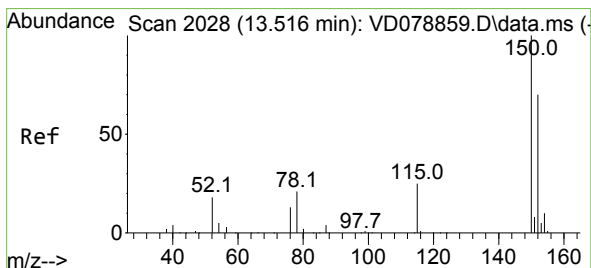
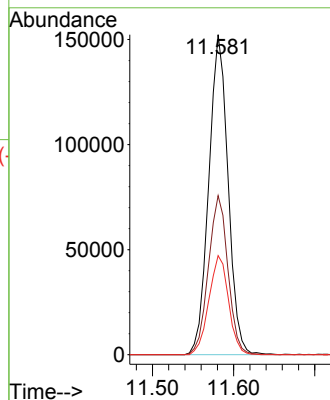
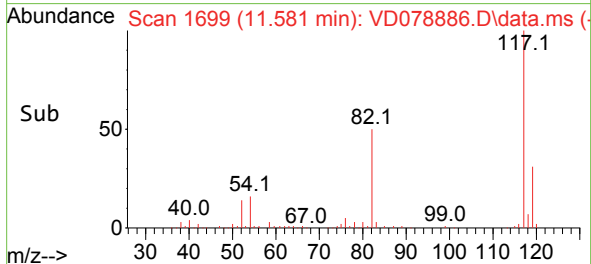


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :

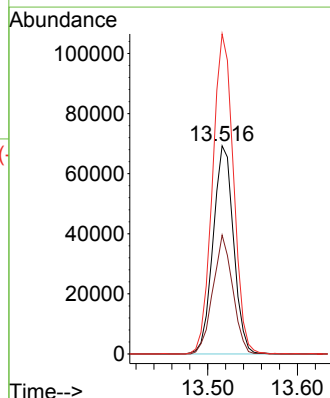
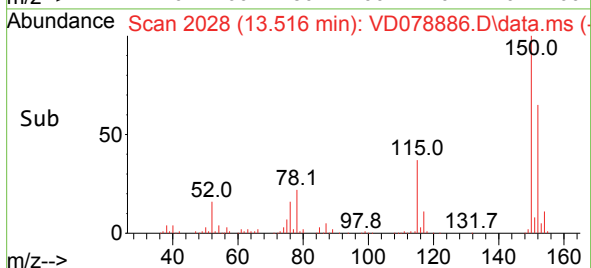
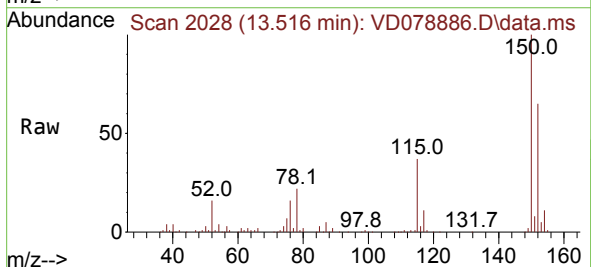


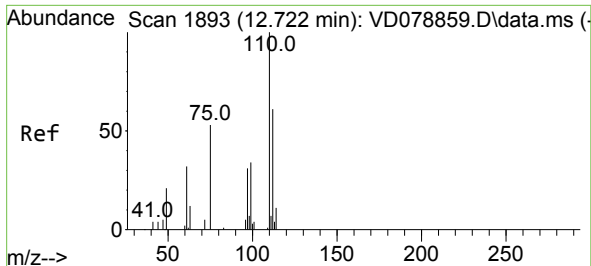
Tgt Ion:117 Resp: 251170
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 31.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Tgt Ion:152 Resp: 109631
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.2
150 157.4 0.0 350.2

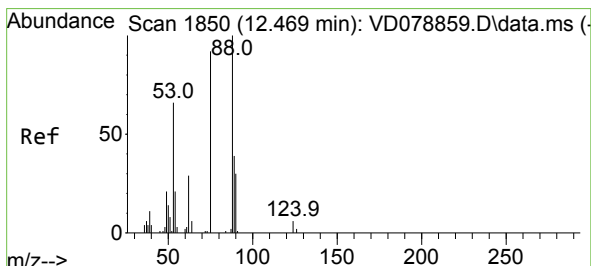
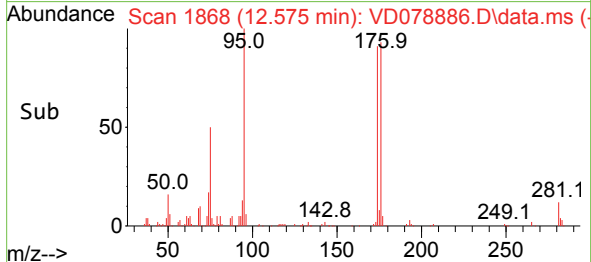
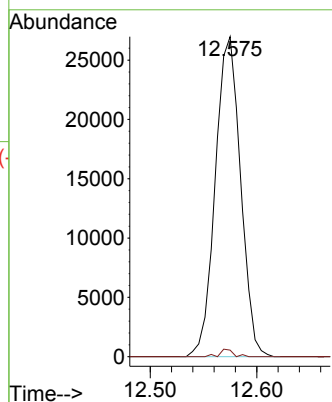
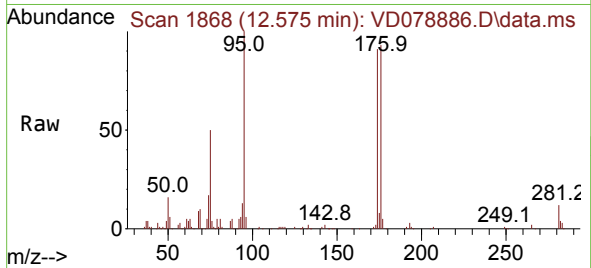




#76
1,2,3-Trichloropropane
Concen: 48.649 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 44371
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.052 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Tgt Ion: 75 Resp: 44371
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.3 35.4 53.0#

