

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078985.D
 Acq On : 22 May 2024 17:52
 Operator : RP/MD
 Sample : P2518-03
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:06:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

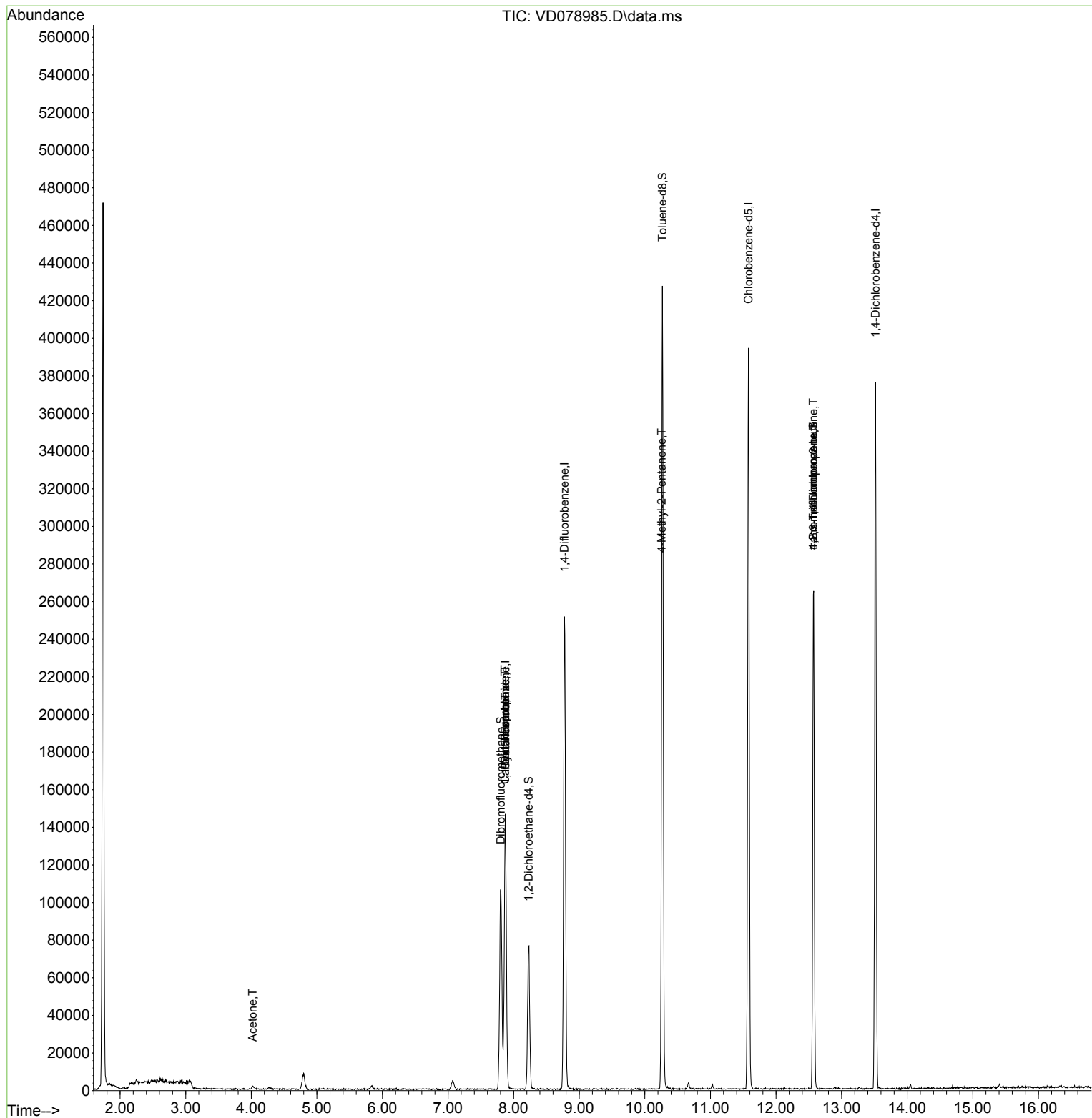
Internal Standards						
1) Pentafluorobenzene	7.875	168	116179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59246	54.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.740%	
35) Dibromofluoromethane	7.804	113	80170	50.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.100%	
50) Toluene-d8	10.269	98	301013	50.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.569	95	81193	48.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.220%	
Target Compounds						
3) Chloromethane	2.146	50	227	Below Cal	#	18
16) Acetone	4.022	43	2761	15.890	ug/l #	83
17) Carbon Disulfide	4.263	76	1045	Below Cal	#	76
20) Methylene Chloride	4.805	84	6932	Below Cal	#	63
31) Cyclohexane	7.875	56	2187	1.374	ug/l #	11
36) 1,1-Dichloropropene	7.869	75	8874	4.497	ug/l #	42
38) Carbon Tetrachloride	7.869	117	10715	4.639	ug/l #	18
51) 4-Methyl-2-Pentanone	10.257	43	712	1.120	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	40662	54.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40662	108.804	ug/l #	19

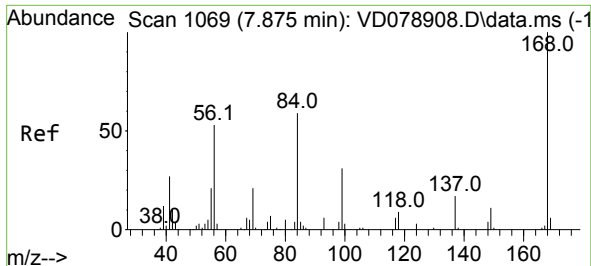
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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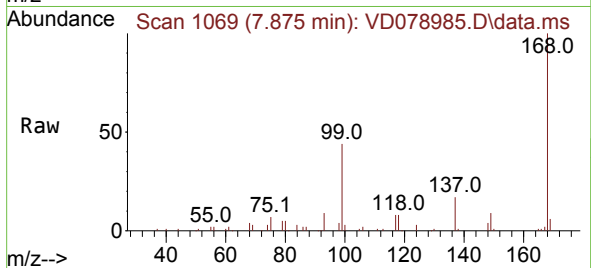
Quant Time: May 23 06:06:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
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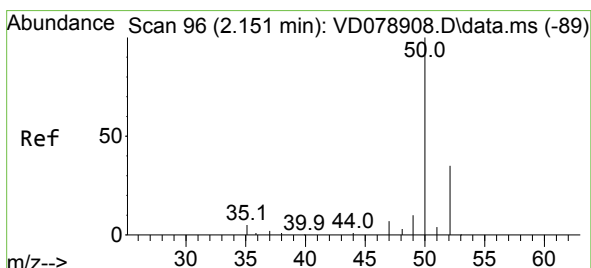
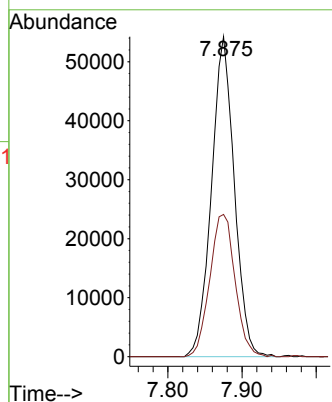
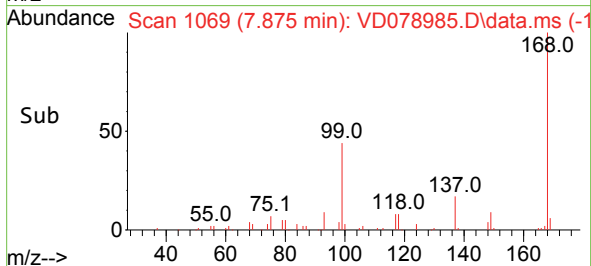


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :

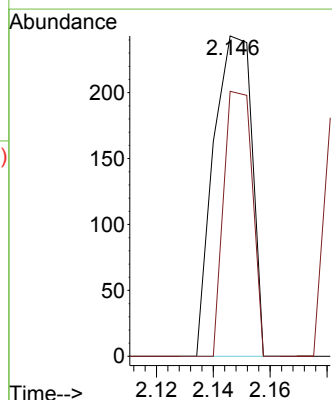
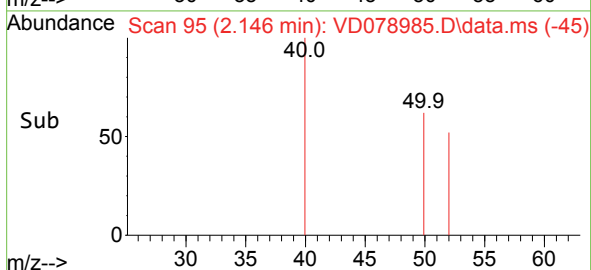
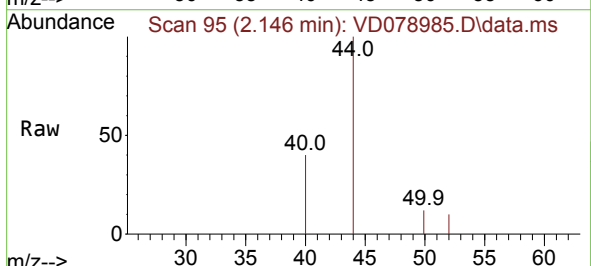


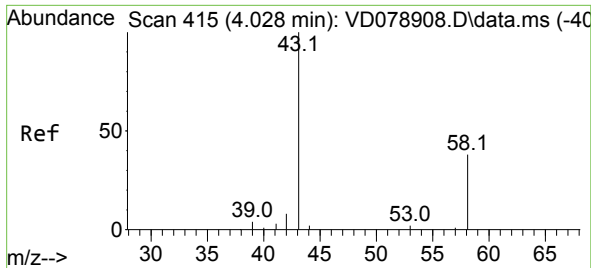
Tgt Ion:168 Resp: 116179
Ion Ratio Lower Upper
168 100
99 44.4 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

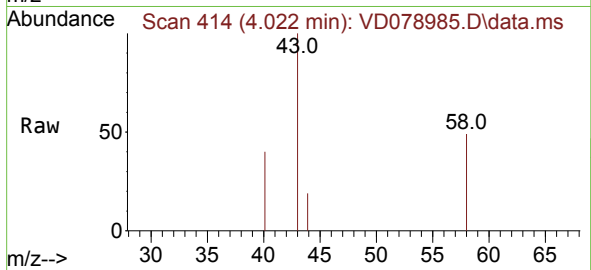
Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 82.7 28.2 42.2#



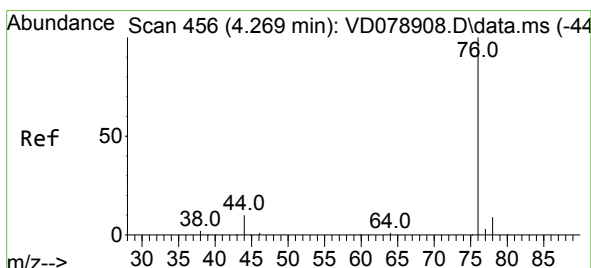
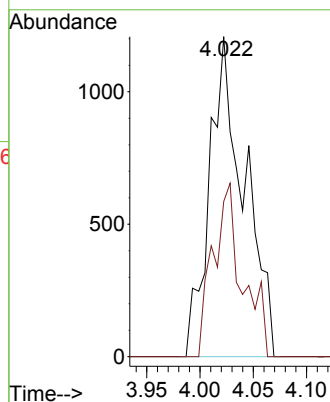
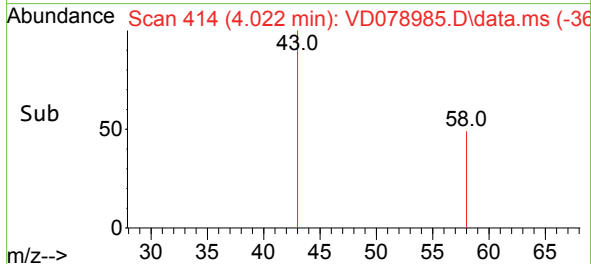


#16
Acetone
Concen: 15.890 ug/l
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :

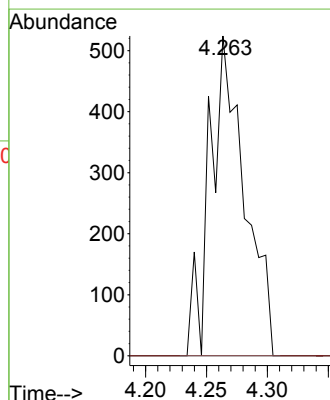
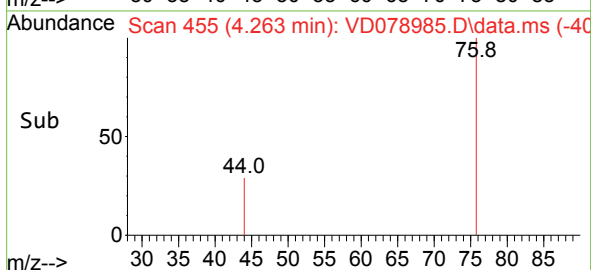
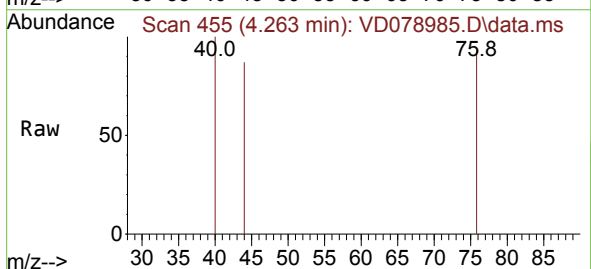


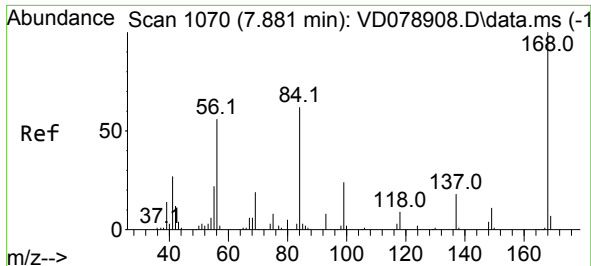
Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 48.5 30.4 45.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

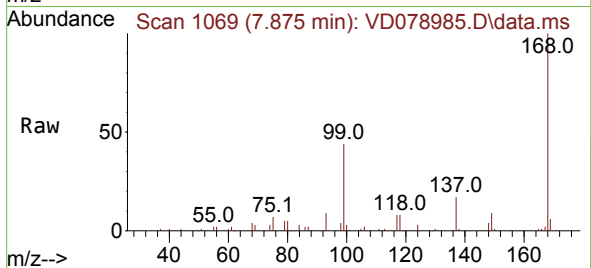
Tgt Ion: 76 Resp: 1045
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



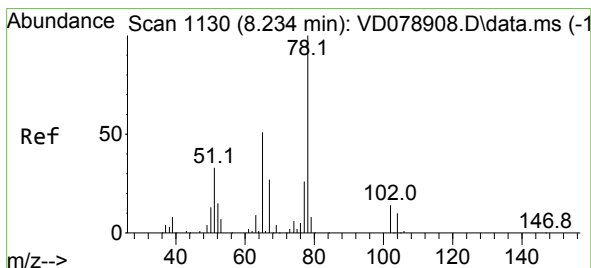
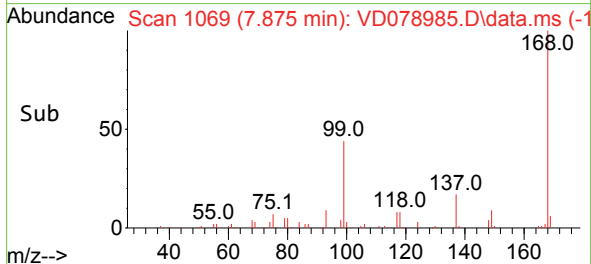
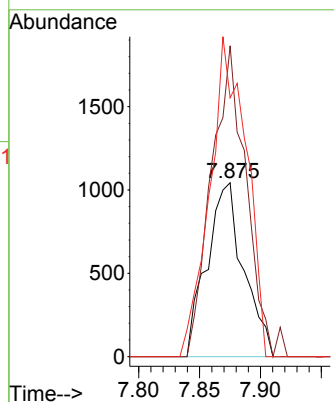


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :

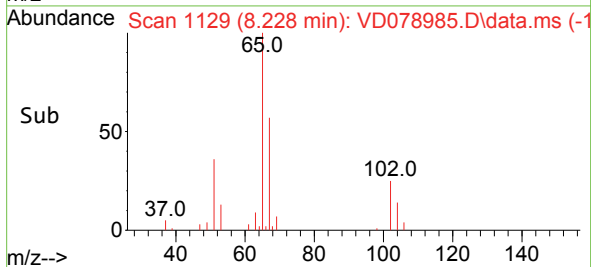
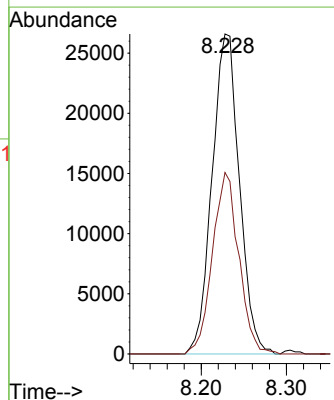
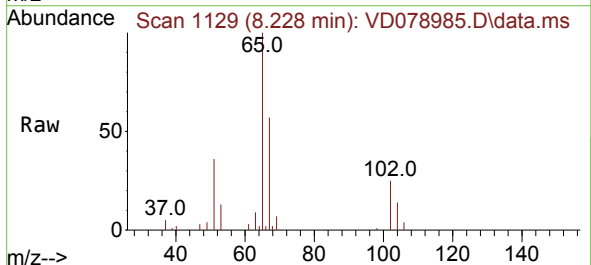


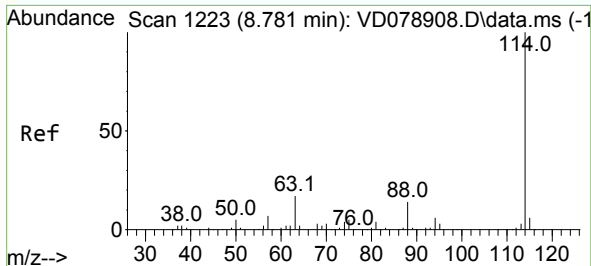
Tgt Ion: 56 Resp: 2187
Ion Ratio Lower Upper
56 100
69 178.8 28.0 42.0#
84 148.9 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 54.366 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Tgt Ion: 65 Resp: 59246
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

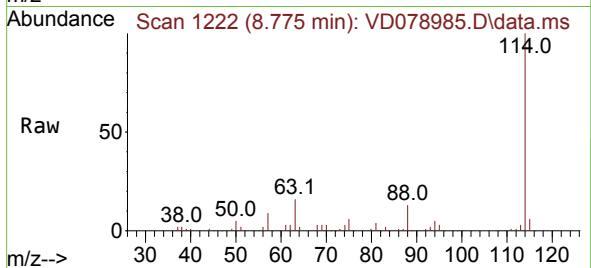
Lab File: VD078985.D

Acq: 22 May 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :



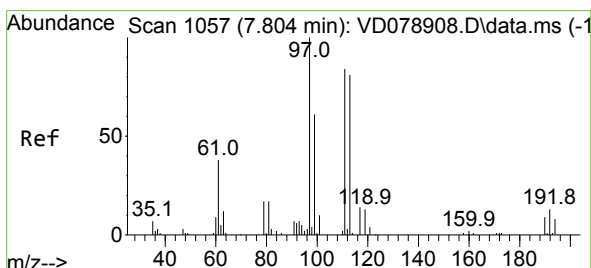
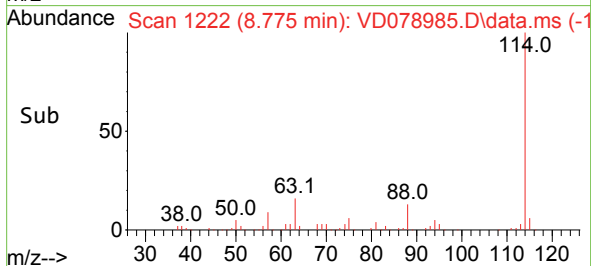
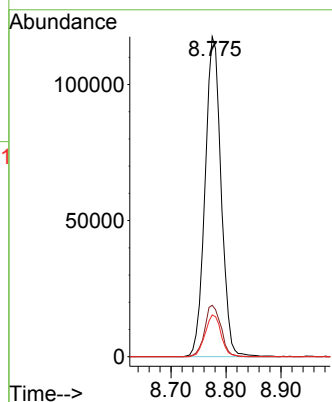
Tgt Ion:114 Resp: 238244

Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.551 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078985.D

Acq: 22 May 2024 17:52

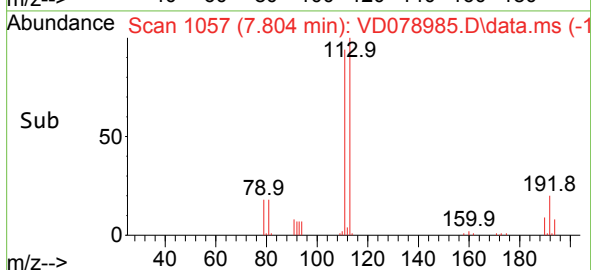
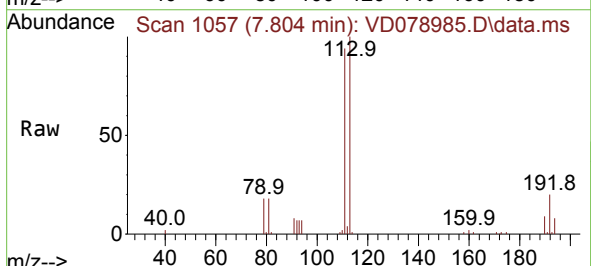
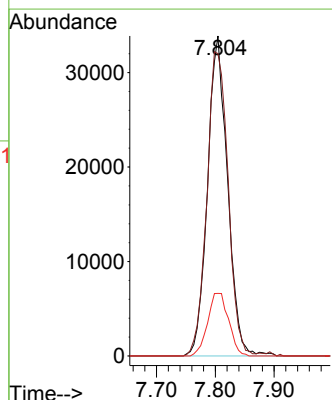
Tgt Ion:113 Resp: 80170

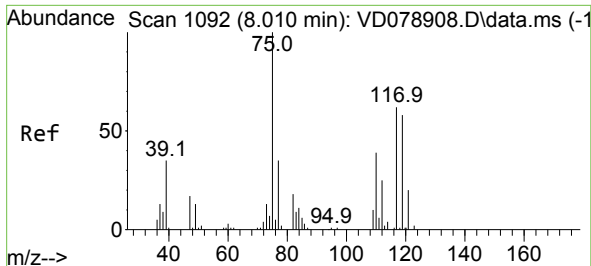
Ion Ratio Lower Upper

113 100

111 100.7 84.0 126.0

192 20.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.497 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

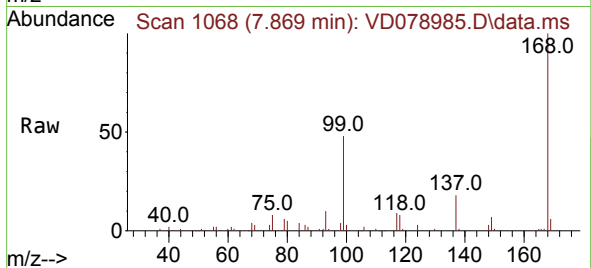
Lab File: VD078985.D

Acq: 22 May 2024 17:52

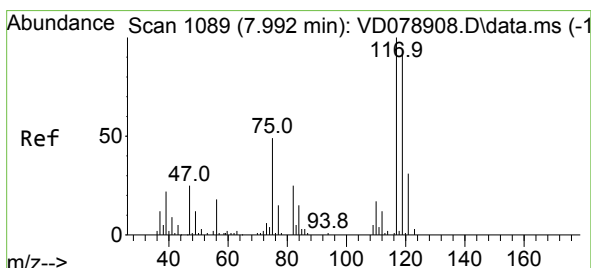
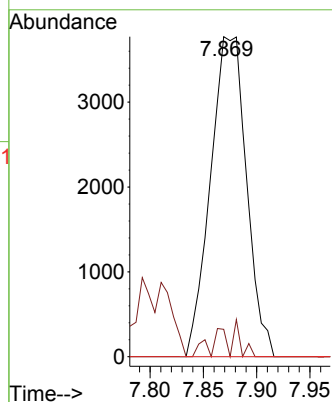
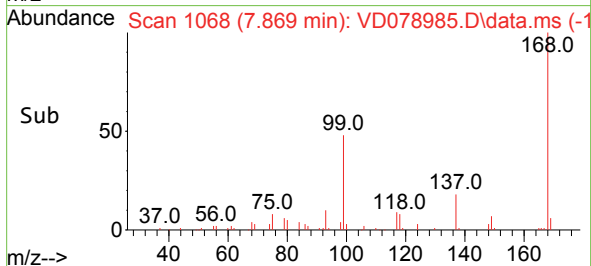
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 8874
Ion Ratio	Lower Upper
75	100
110	4.0 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 4.639 ug/l

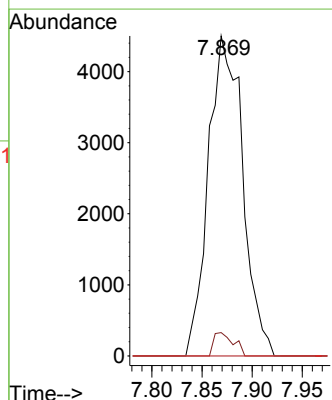
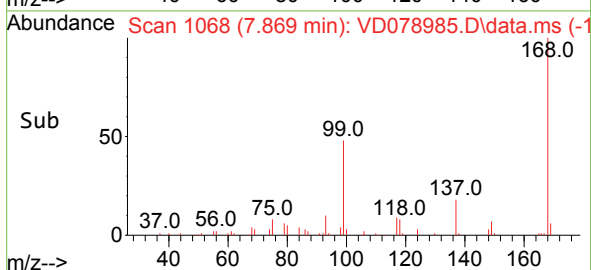
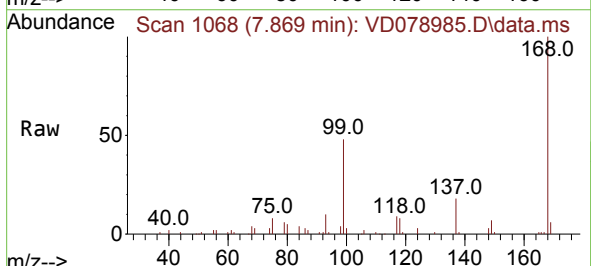
RT: 7.869 min Scan# 1068

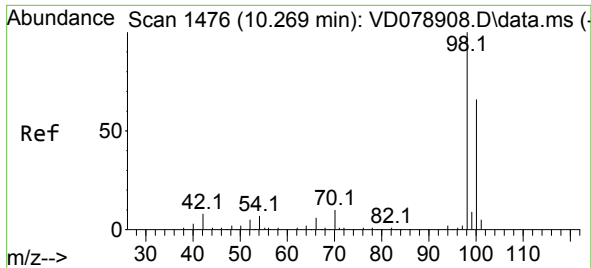
Delta R.T. -0.123 min

Lab File: VD078985.D

Acq: 22 May 2024 17:52

Tgt Ion: 117	Resp: 10715
Ion Ratio	Lower Upper
117	100
119	7.3 75.4 113.0#
121	0.0 25.0 37.4#

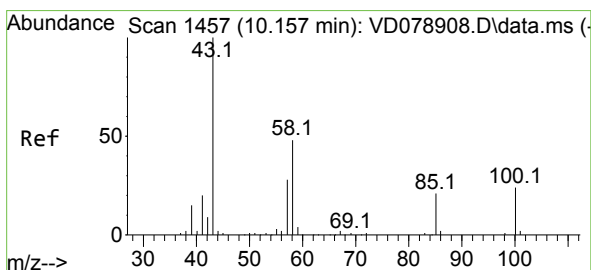
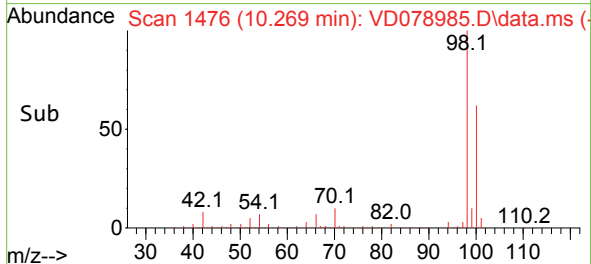
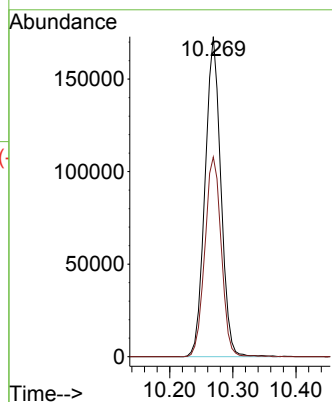
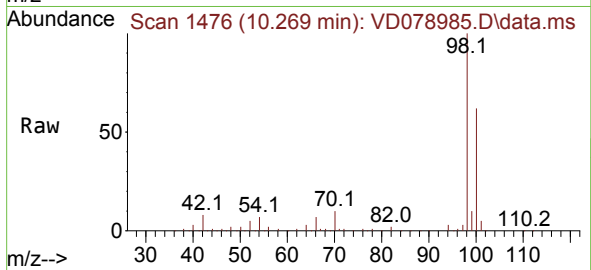




#50
Toluene-d8
Concen: 50.630 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

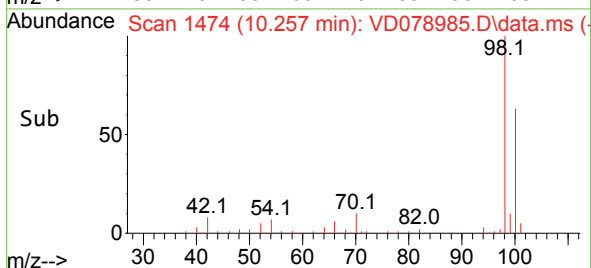
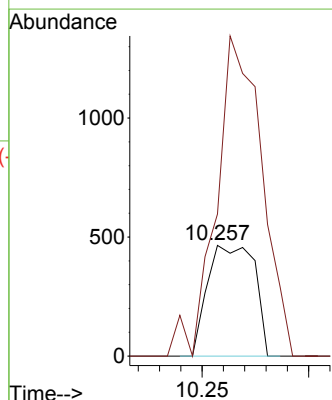
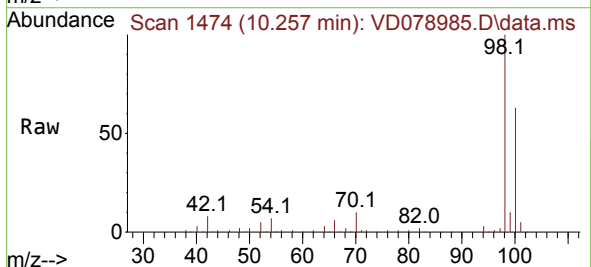
Instrument :
MSVOA_D
ClientSampleId :

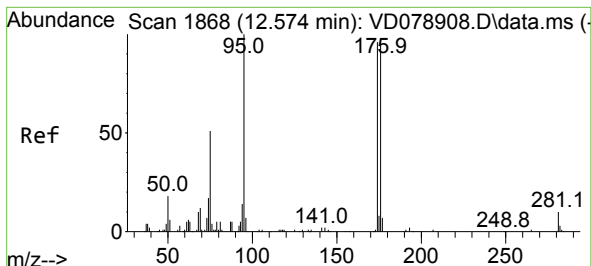
Tgt Ion: 98 Resp: 301013
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.120 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

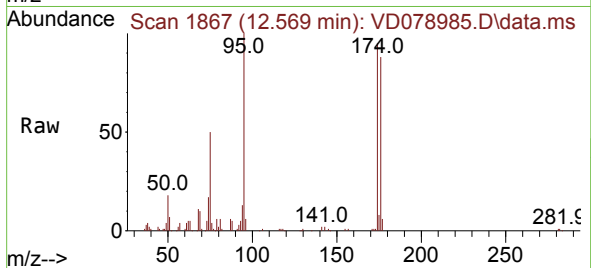
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 282.2 36.6 55.0#



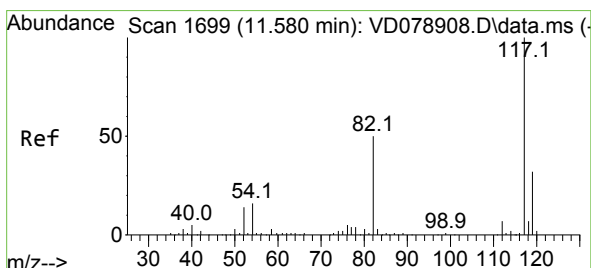
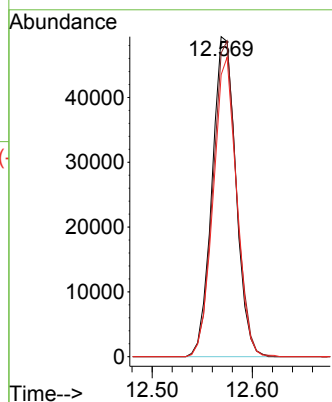
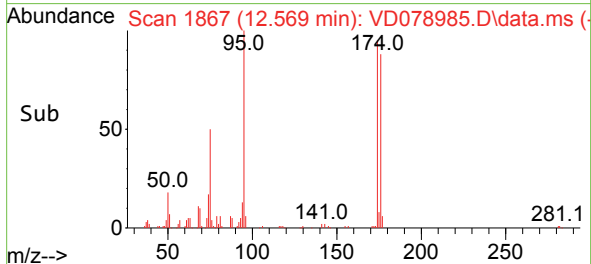


#62
4-Bromofluorobenzene
Concen: 48.613 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

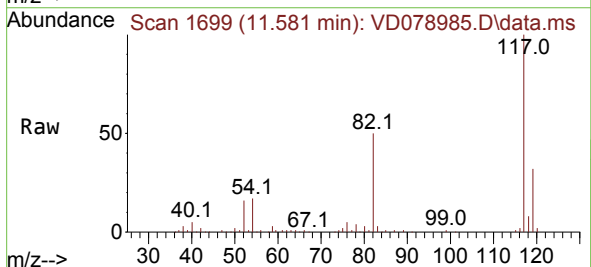
Instrument :
MSVOA_D
ClientSampleId :



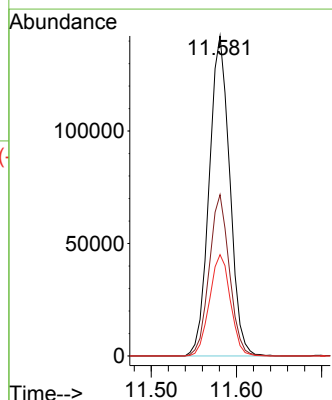
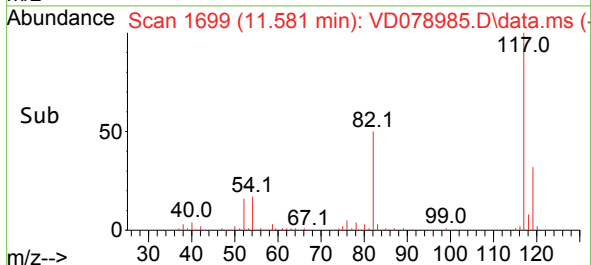
Tgt Ion: 95 Resp: 81193
Ion Ratio Lower Upper
95 100
174 97.2 0.0 195.4
176 91.9 0.0 192.6

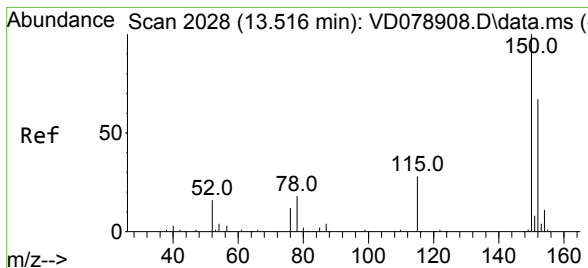


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52



Tgt Ion: 117 Resp: 238032
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078985.D

Acq: 22 May 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

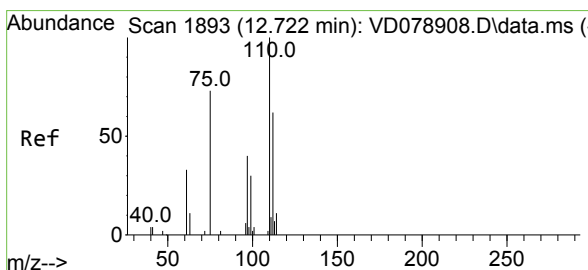
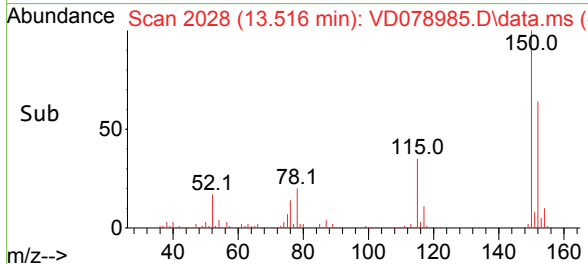
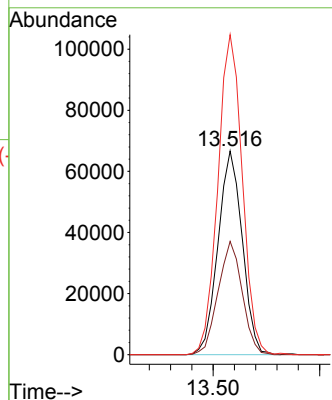
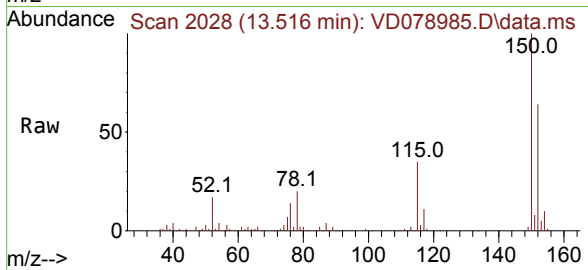
Tgt Ion:152 Resp: 105268

Ion Ratio Lower Upper

152 100

115 55.2 26.5 79.5

150 158.5 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 54.868 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078985.D

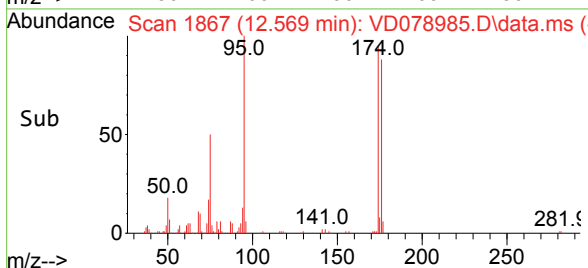
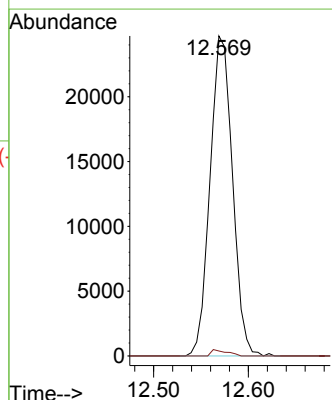
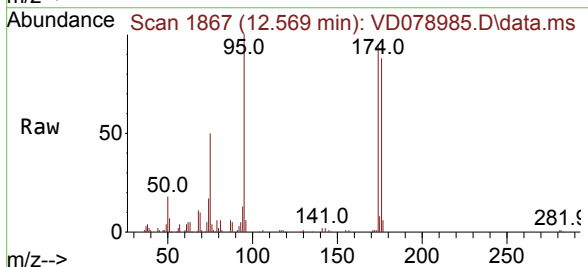
Acq: 22 May 2024 17:52

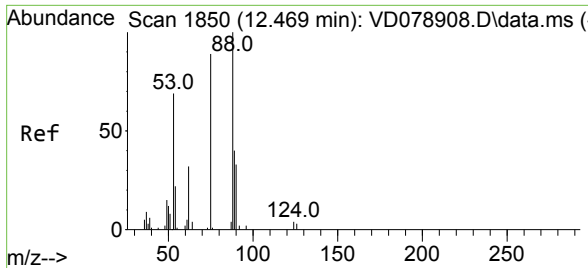
Tgt Ion: 75 Resp: 40662

Ion Ratio Lower Upper

75 100

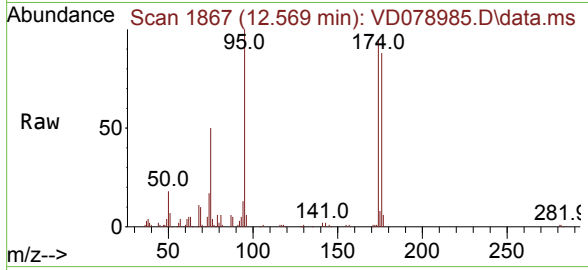
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.804 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	40662
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

