

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078747.D
 Acq On : 22 Mar 2024 17:11
 Operator : RP/MD
 Sample : P1827-02
 Misc : 5.06G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Quant Time: Mar 22 23:22:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

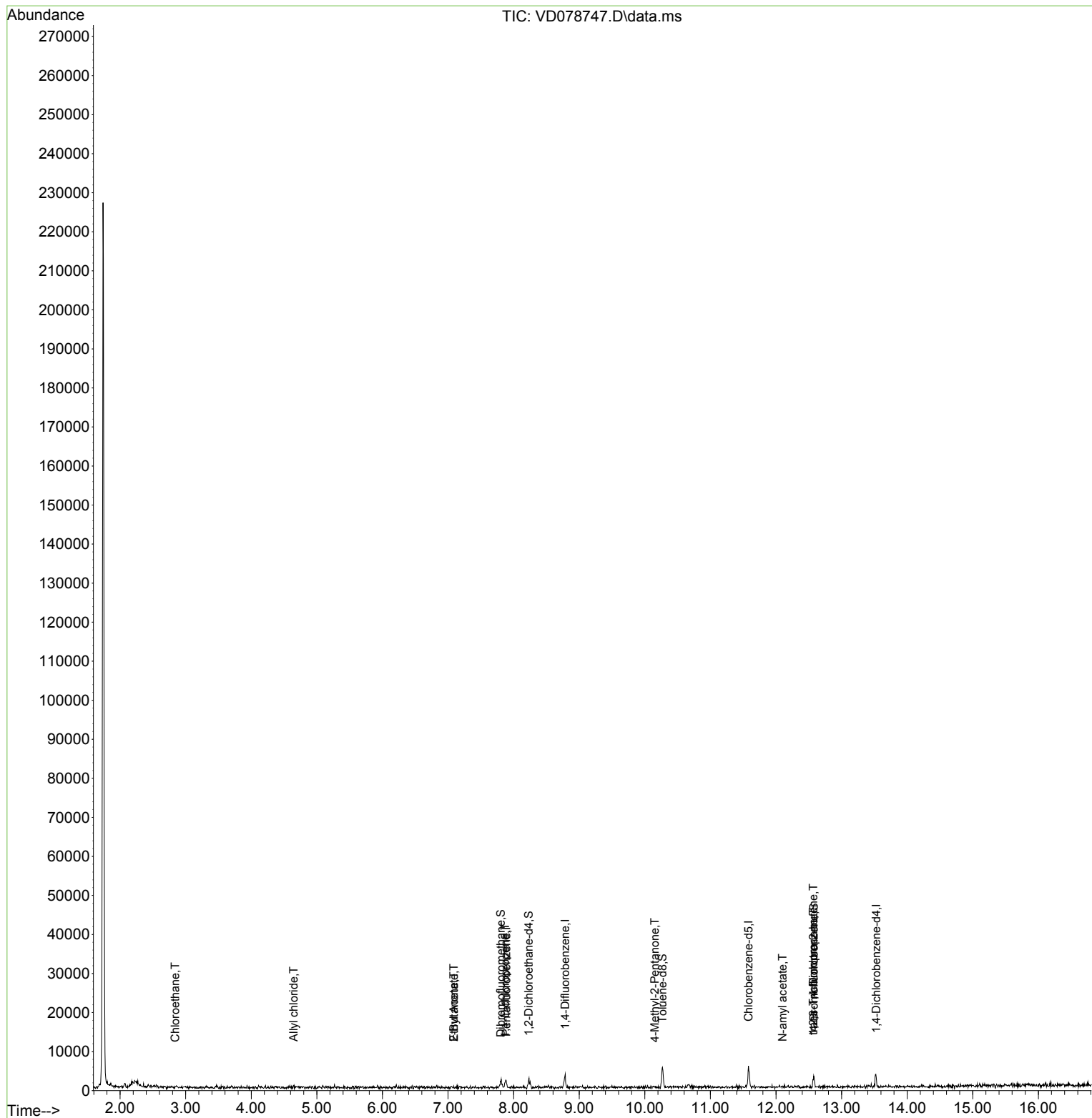
Internal Standards						
1) Pentafluorobenzene	7.887	168	2139	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.787	114	3647	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.581	117	3806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	1178	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1625	81.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.120%	
35) Dibromofluoromethane	7.805	113	1449	61.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.420%	
50) Toluene-d8	10.269	98	4362	50.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.575	95	885	35.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.060%	
Target Compounds						Qvalue
6) Chloroethane	2.840	64	63	1.742	ug/l #	41
14) Allyl chloride	4.646	41	71	2.907	ug/l #	50
25) 2-Butanone	7.087	43	59	11.448	ug/l #	43
36) 1,1-Dichloropropene	7.869	75	62	1.820	ug/l #	40
37) Ethyl Acetate	7.087	43	59	5.301	ug/l #	63
51) 4-Methyl-2-Pentanone	10.152	43	73	6.899	ug/l #	31
74) N-amyl acetate	12.099	43	62	4.924	ug/l #	36
76) 1,2,3-Trichloropropane	12.569	75	511	56.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	511	118.022	ug/l #	19

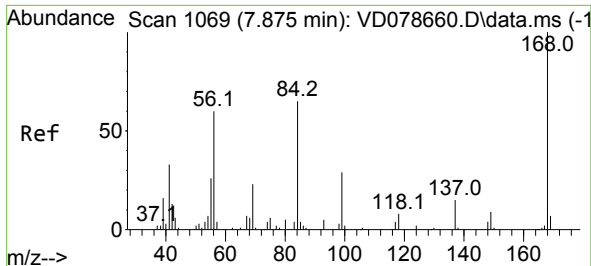
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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72-11933

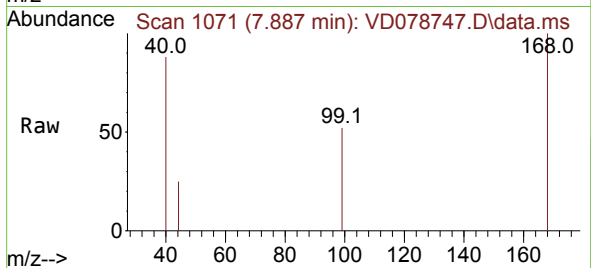
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



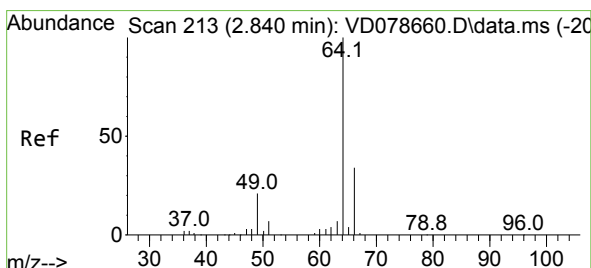
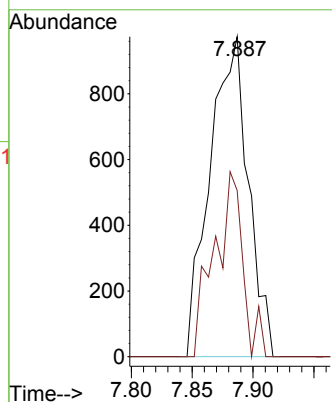
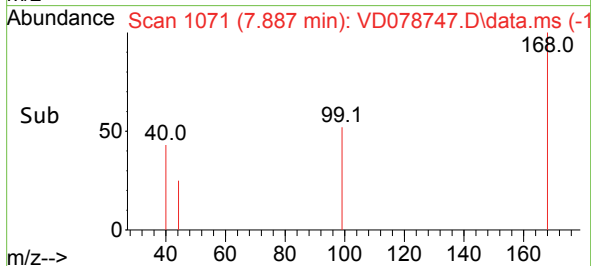


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
72-11933

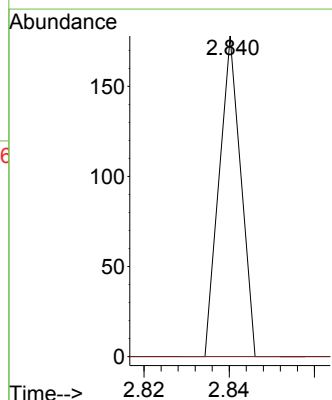
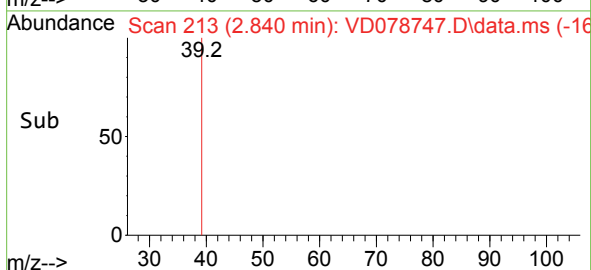
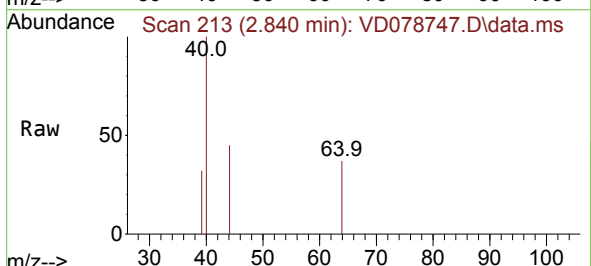


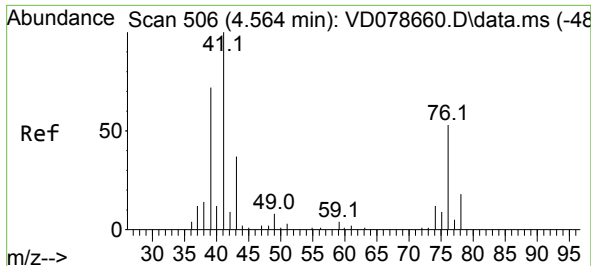
Tgt Ion:168 Resp: 2139
Ion Ratio Lower Upper
168 100
99 52.0 38.8 58.2



#6
Chloroethane
Concen: 1.742 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 26.8 40.2#

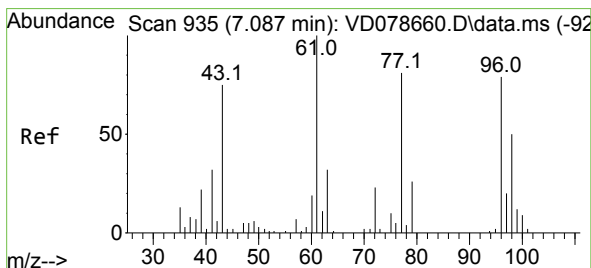
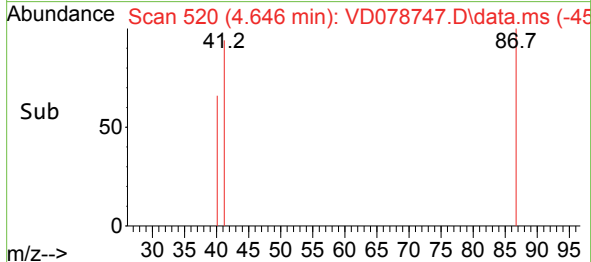
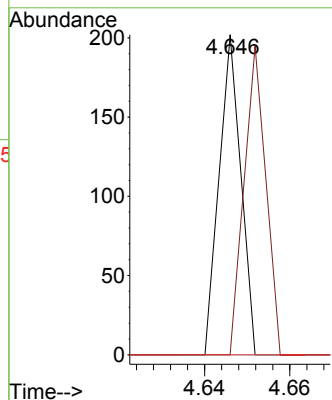
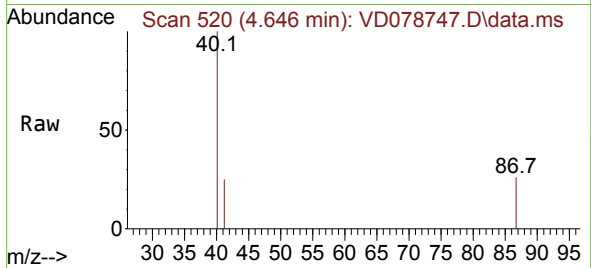




#14
 Allyl chloride
 Concen: 2.907 ug/l
 RT: 4.646 min Scan# 51
 Delta R.T. 0.082 min
 Lab File: VD078747.D
 Acq: 22 Mar 2024 17:11

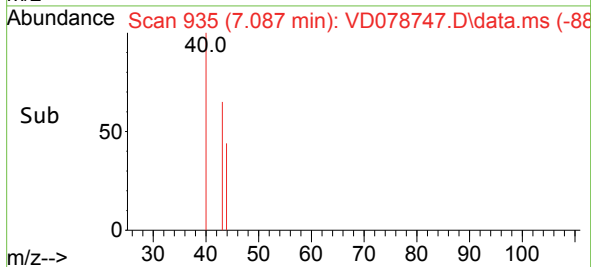
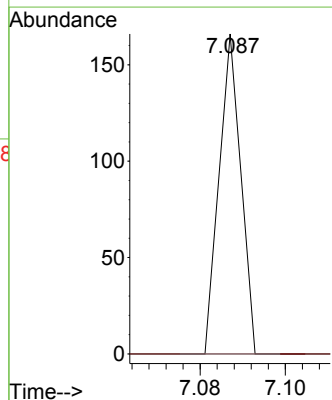
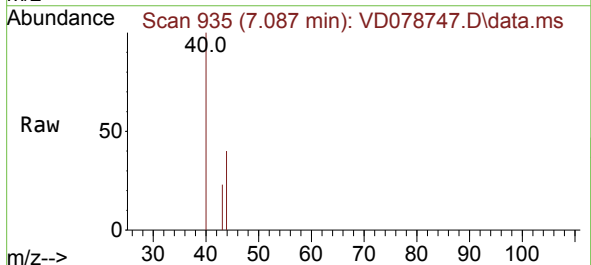
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

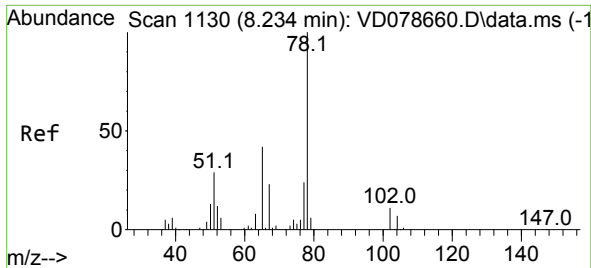
Tgt Ion: 41	Resp:	71
Ion	Ratio	Lower Upper
41	100	
39	97.2	57.8 86.6#
76	0.0	44.8 67.2#



#25
 2-Butanone
 Concen: 11.448 ug/l
 RT: 7.087 min Scan# 935
 Delta R.T. 0.000 min
 Lab File: VD078747.D
 Acq: 22 Mar 2024 17:11

Tgt Ion: 43	Resp:	59
Ion	Ratio	Lower Upper
43	100	
72	0.0	25.0 37.6#

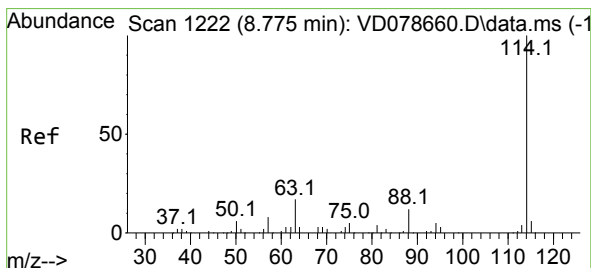
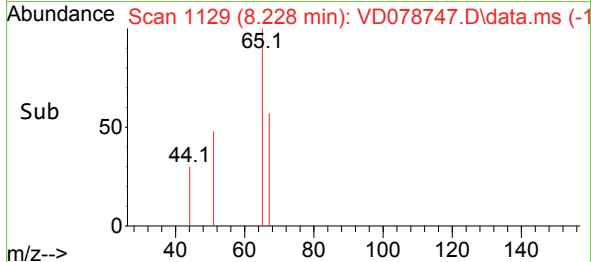
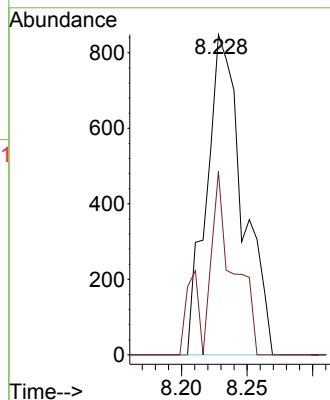
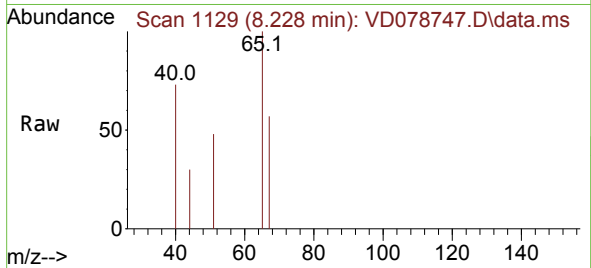




#33
 1,2-Dichloroethane-d4
 Concen: 81.064 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078747.D
 Acq: 22 Mar 2024 17:11

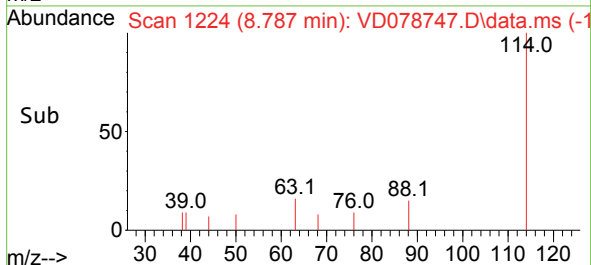
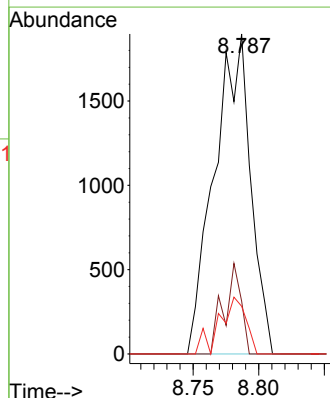
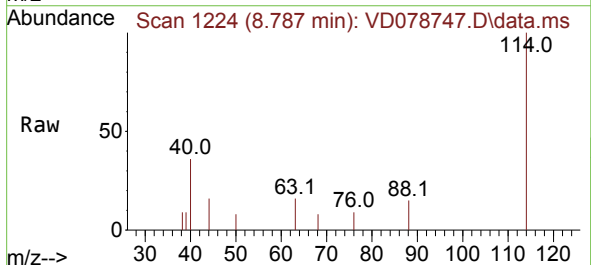
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

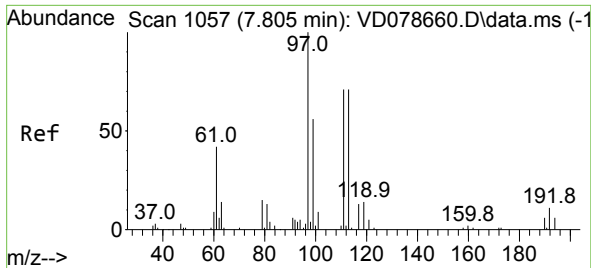
Tgt Ion: 65 Resp: 1625
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.787 min Scan# 1224
 Delta R.T. 0.012 min
 Lab File: VD078747.D
 Acq: 22 Mar 2024 17:11

Tgt Ion: 114 Resp: 3647
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 33.4
 88 14.9 0.0 24.6

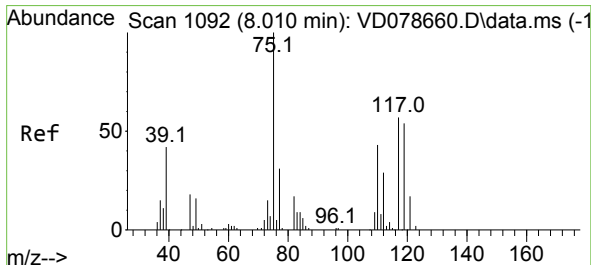
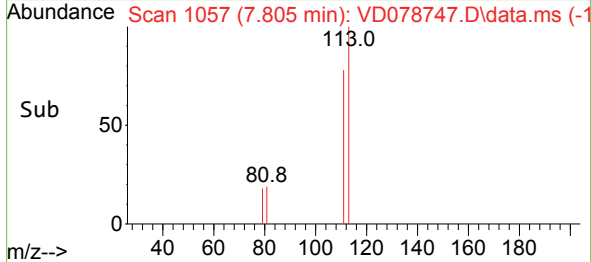
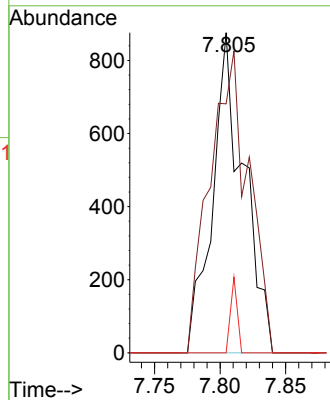
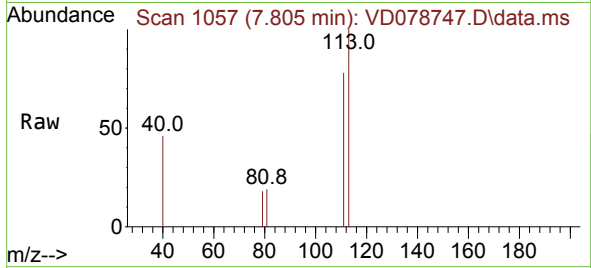




#35
 Dibromofluoromethane
 Concen: 61.709 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD078747.D
 Acq: 22 Mar 2024 17:11

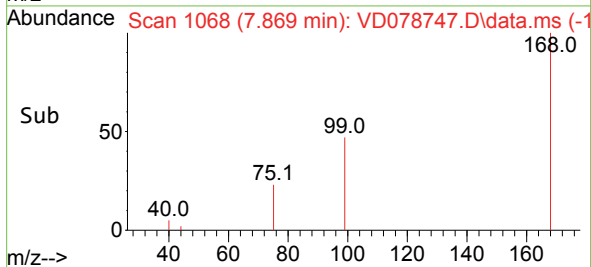
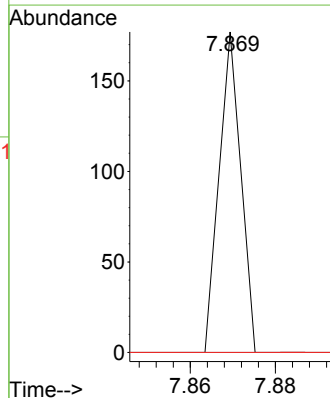
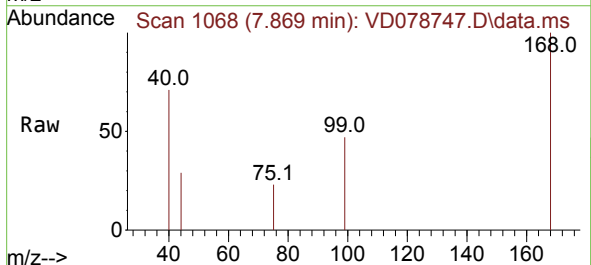
Instrument :
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 ClientSampleId :
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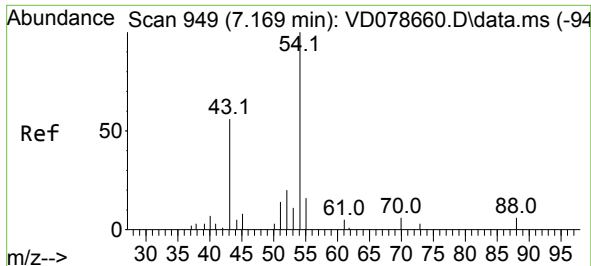
Tgt Ion:113 Resp: 1449
 Ion Ratio Lower Upper
 113 100
 111 117.5 81.9 122.9
 192 5.0 15.4 23.0#



#36
 1,1-Dichloropropene
 Concen: 1.820 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VD078747.D
 Acq: 22 Mar 2024 17:11

Tgt Ion: 75 Resp: 62
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.4 38.2#

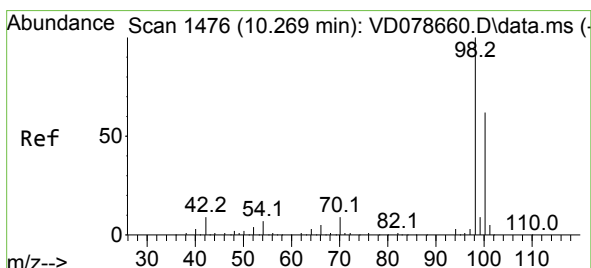
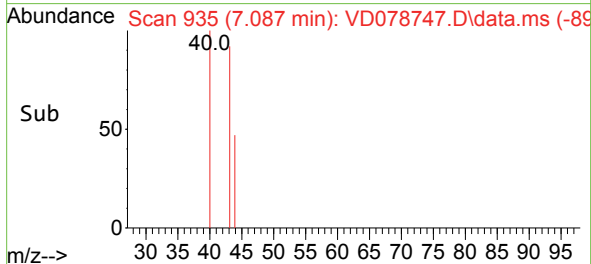
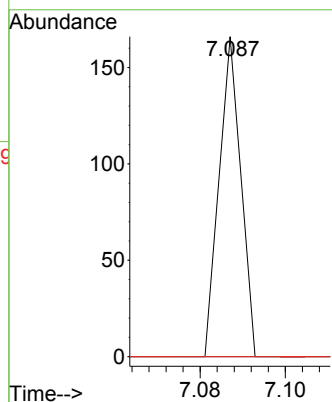
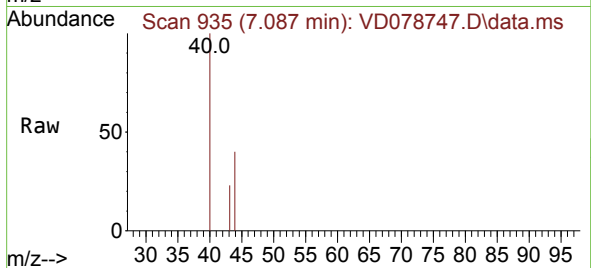




#37
Ethyl Acetate
Concen: 5.301 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.082 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

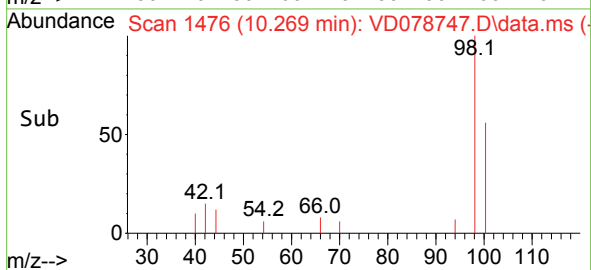
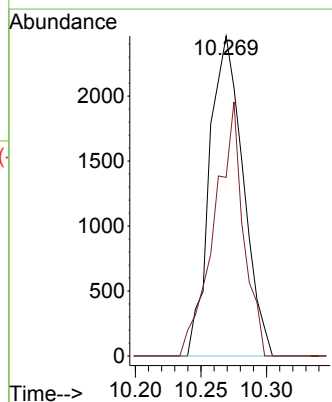
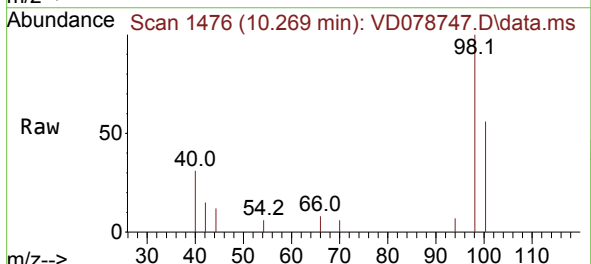
Instrument :
MSVOA_D
ClientSampleId :
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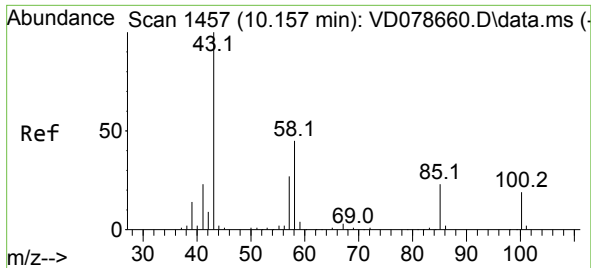
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
70 0.0 9.4 14.0#



#50
Toluene-d8
Concen: 50.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion: 98 Resp: 4362
Ion Ratio Lower Upper
98 100
100 69.2 50.5 75.7

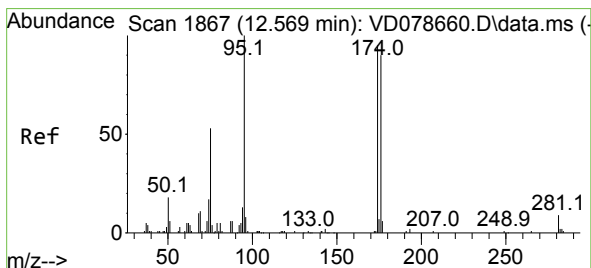
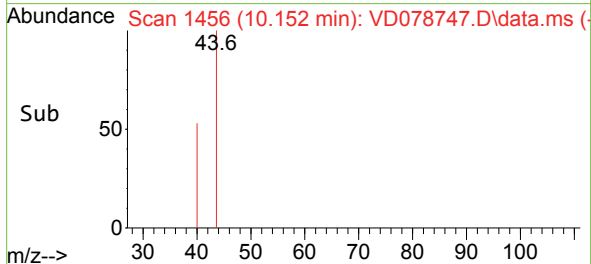
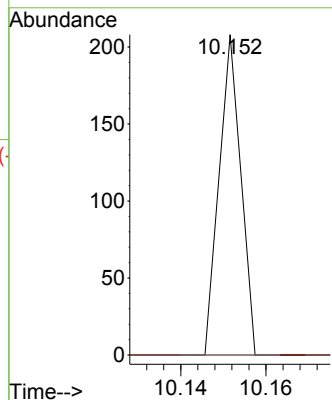
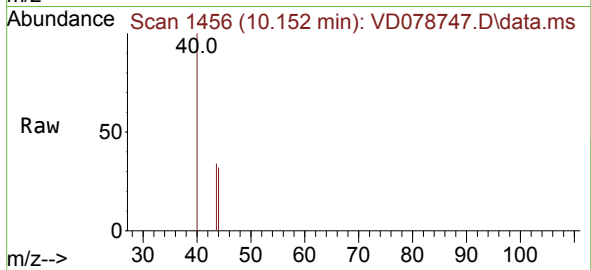




#51
4-Methyl-2-Pentanone
Concen: 6.899 ug/l
RT: 10.152 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

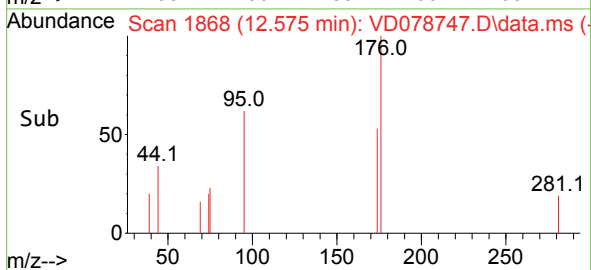
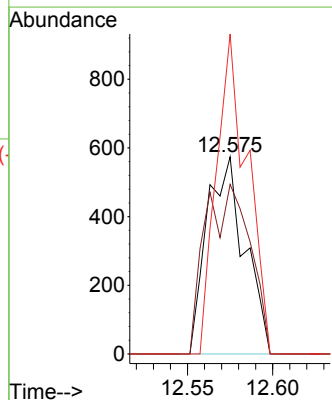
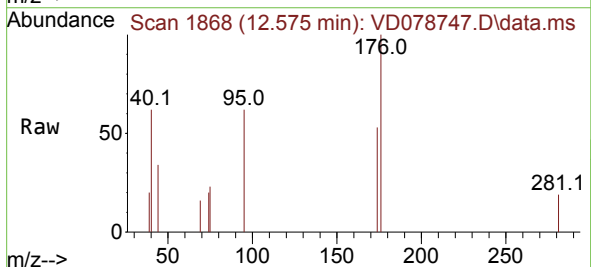
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ClientSampleId :
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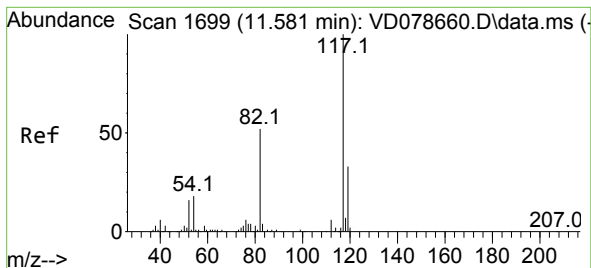
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 35.030 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion: 95 Resp: 885
Ion Ratio Lower Upper
95 100
174 102.1 0.0 195.2
176 133.2 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078747.D

Acq: 22 Mar 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

72-11933

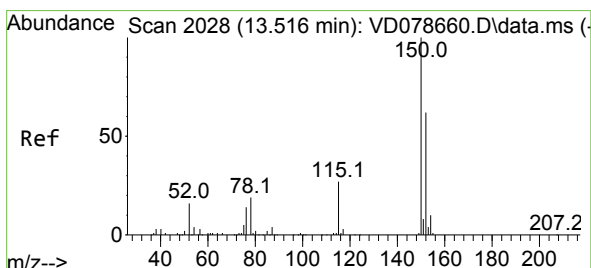
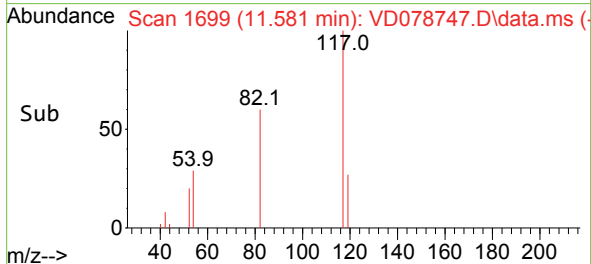
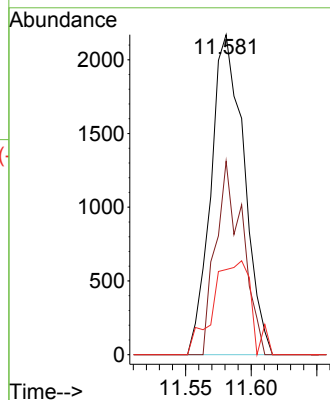
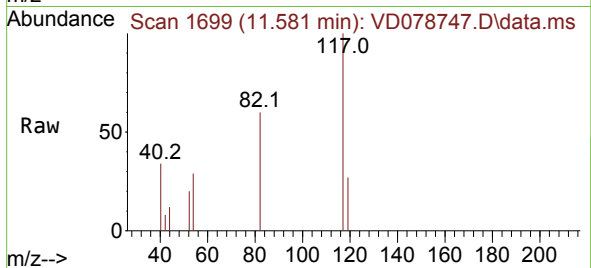
Tgt Ion:117 Resp: 3806

Ion Ratio Lower Upper

117 100

82 60.5 41.4 62.2

119 26.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.528 min Scan# 2030

Delta R.T. 0.012 min

Lab File: VD078747.D

Acq: 22 Mar 2024 17:11

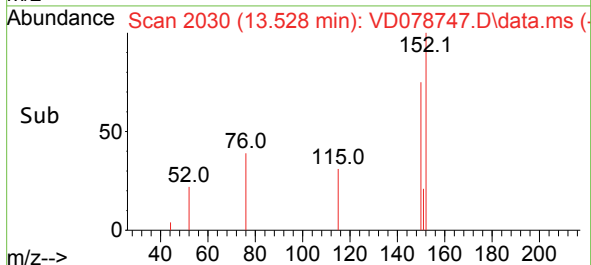
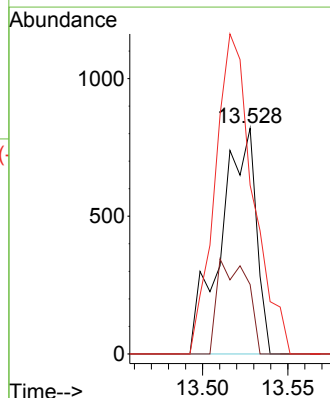
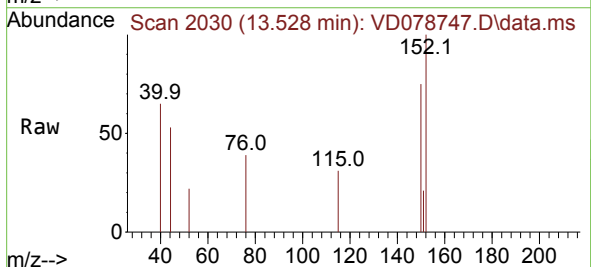
Tgt Ion:152 Resp: 1178

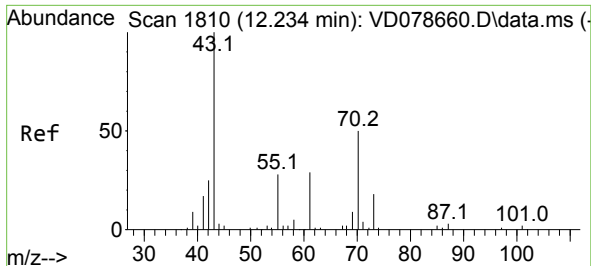
Ion Ratio Lower Upper

152 100

115 35.5 27.1 81.2

150 153.6 0.0 350.2

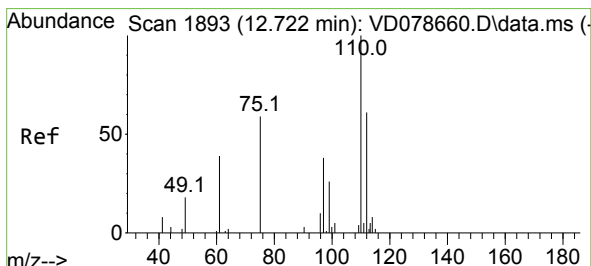
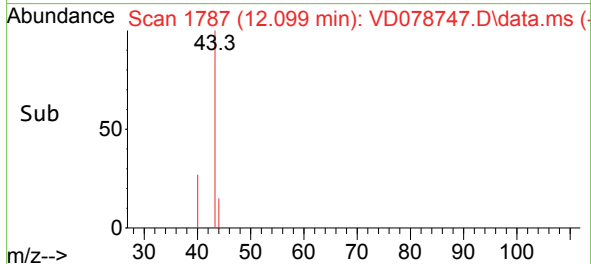
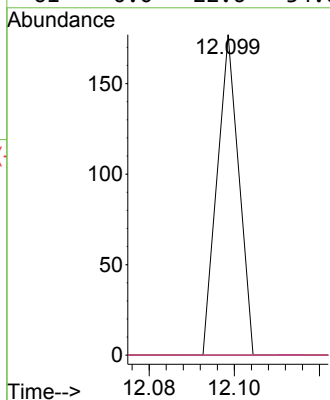
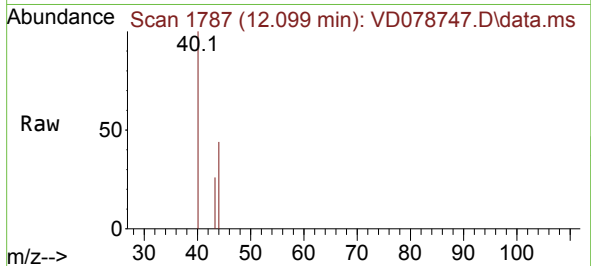




#74
N-amy1 acetate
Concen: 4.924 ug/l
RT: 12.099 min Scan# 11
Delta R.T. -0.135 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

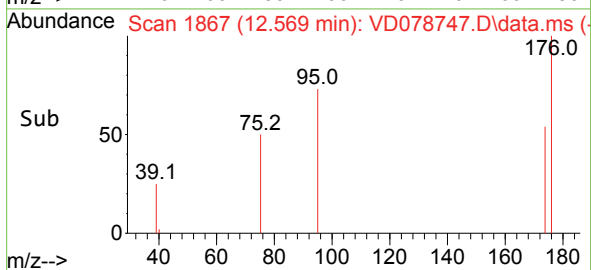
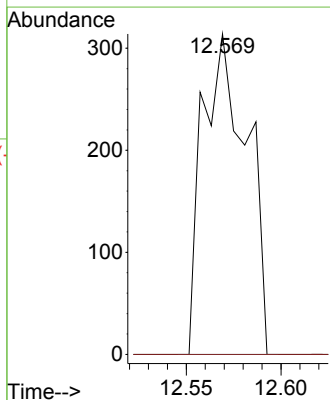
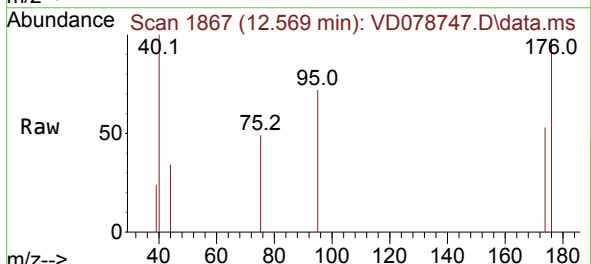
Instrument :
MSVOA_D
ClientSampleId :
72-11933

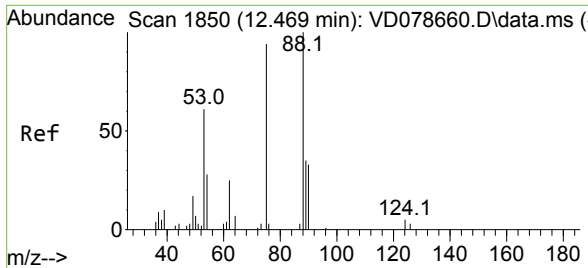
Tgt Ion: 43	Resp: 62
Ion Ratio	Lower Upper
43 100	
70 0.0	42.1 63.1#
55 0.0	22.6 33.8#
61 0.0	22.6 34.0#



#76
1,2,3-Trichloropropane
Concen: 56.304 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion: 75	Resp: 511
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 118.022 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
72-11933

Tgt Ion: 75 Resp: 511
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

