

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078634.D
 Acq On : 12 Mar 2024 10:39
 Operator : RP/MD
 Sample : VD0312SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBL01

Quant Time: Mar 13 03:02:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

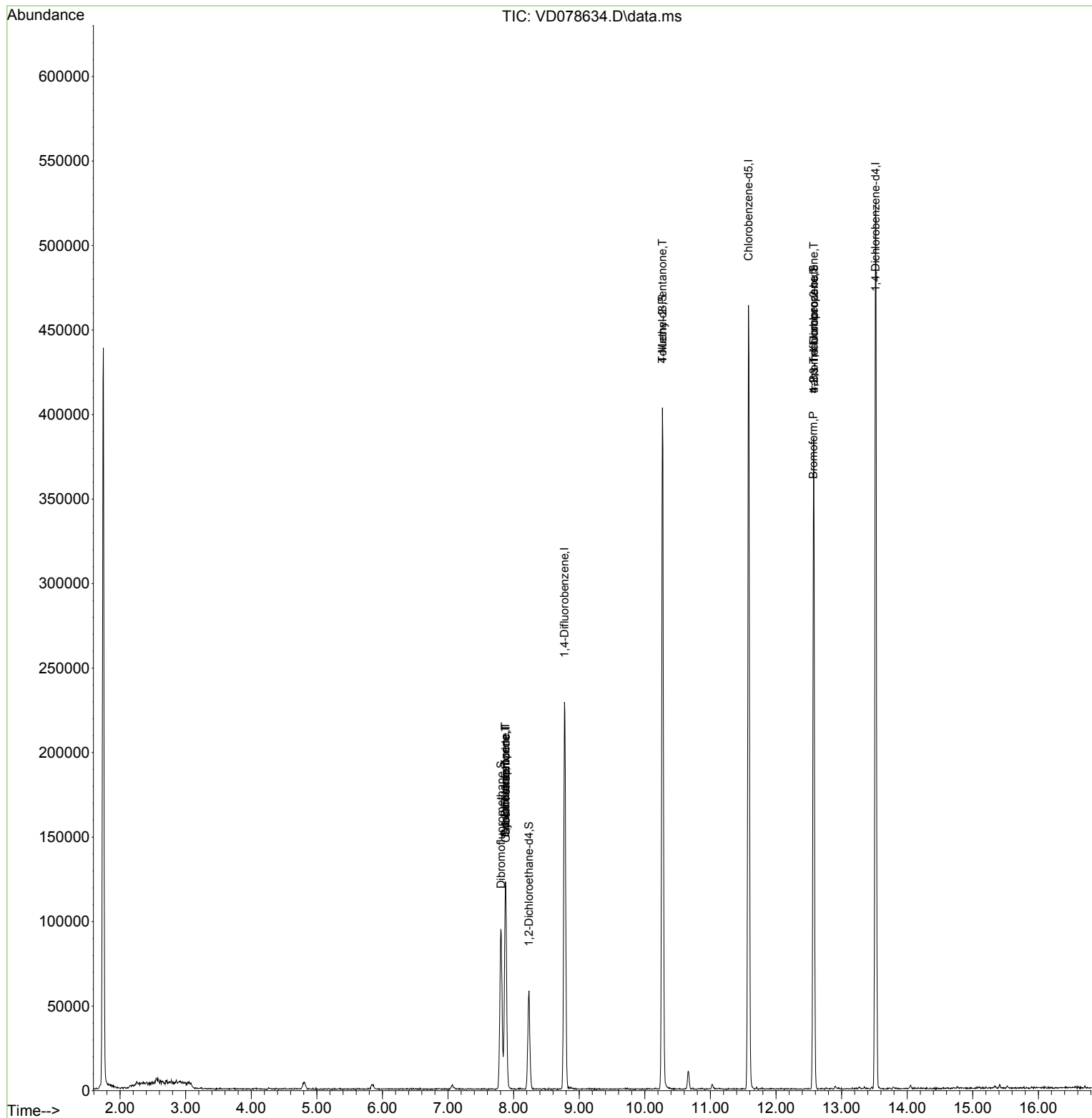
Internal Standards						
1) Pentafluorobenzene	7.875	168	98305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	217319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43418	44.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.100%		
35) Dibromofluoromethane	7.810	113	69382	49.080	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.160%		
50) Toluene-d8	10.269	98	289704	52.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.575	95	114602	73.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	146.080%#		
Target Compounds						
3) Chloromethane	2.158	50	177	Below Cal	#	41
20) Methylene Chloride	4.793	84	2179	Below Cal	#	90
31) Cyclohexane	7.875	56	2030	1.331	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	7218	3.690	ug/l #	49
38) Carbon Tetrachloride	7.881	117	9384	4.586	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	962	1.534	ug/l #	1
71) Bromoform	12.569	173	1203	1.083	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	56698	50.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56698	108.117	ug/l #	17

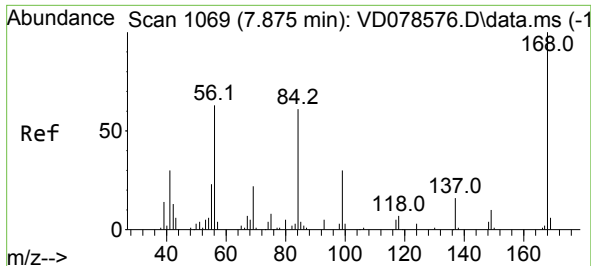
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD078634.D
Acq On : 12 Mar 2024 10:39
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Sample : VD0312SBL01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

Quant Time: Mar 13 03:02:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

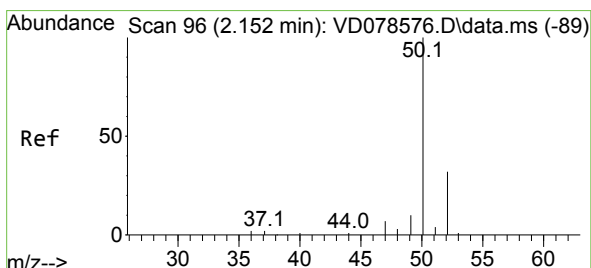
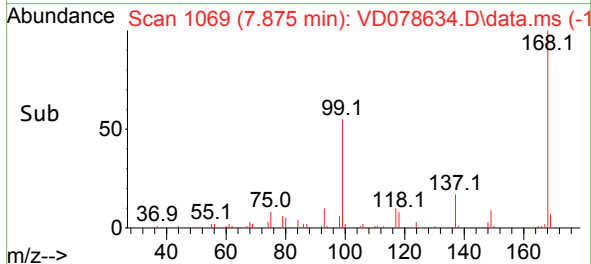
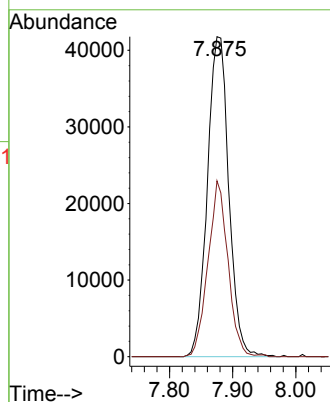
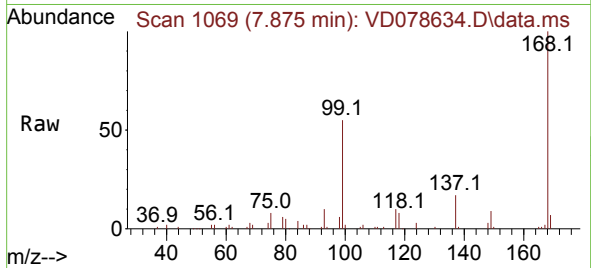




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

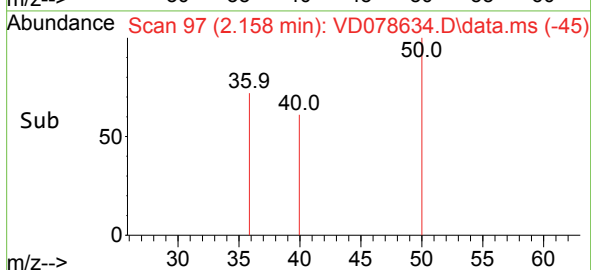
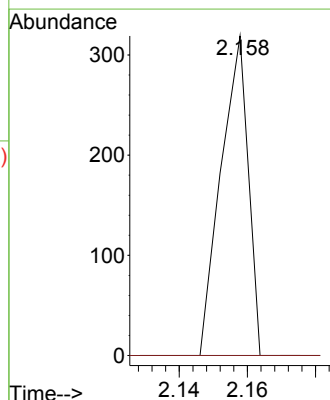
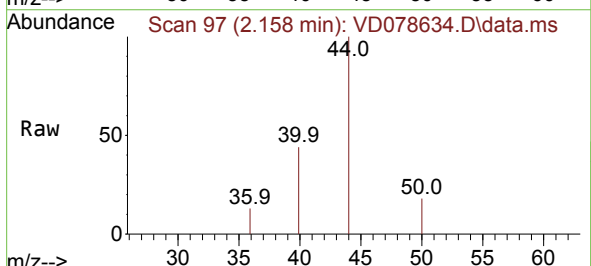
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

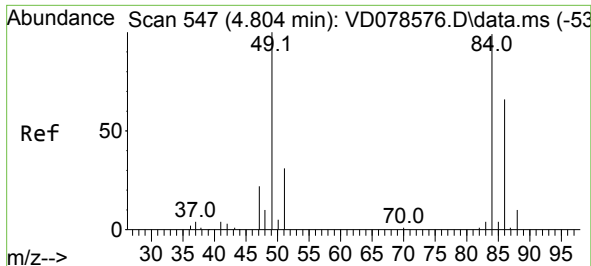
Tgt Ion:168 Resp: 98305
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.006 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

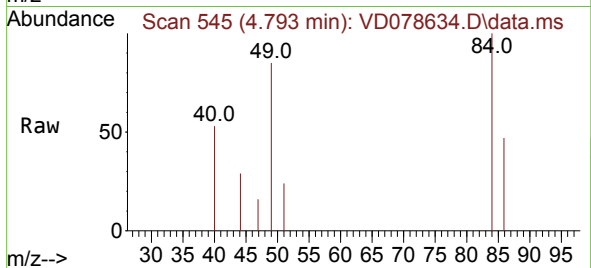
Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



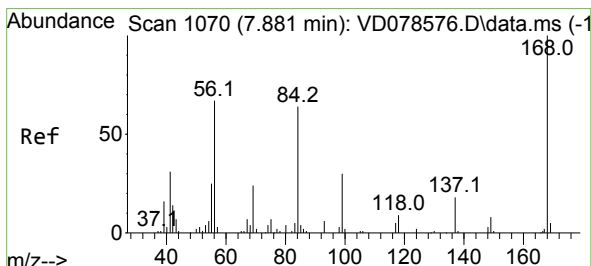
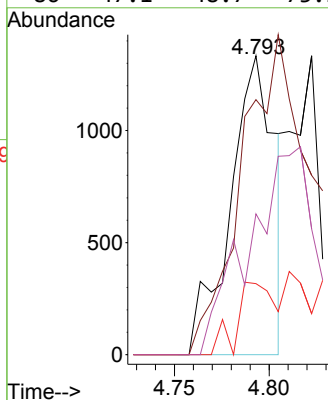
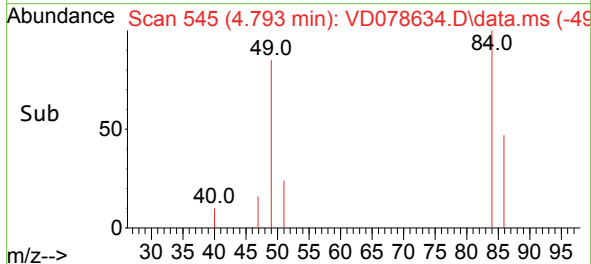


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

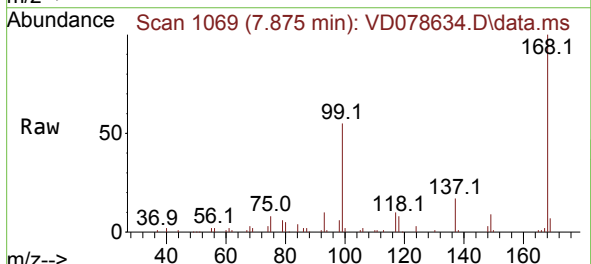
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01



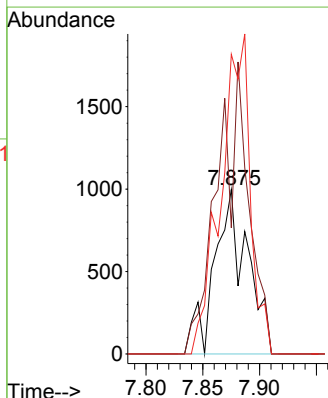
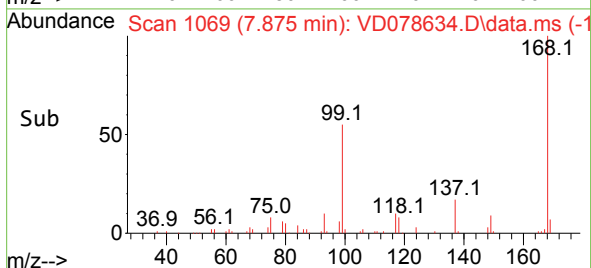
Tgt Ion: 84 Resp: 2179
Ion Ratio Lower Upper
84 100
49 85.3 71.4 107.2
51 23.8 24.5 36.7#
86 47.1 48.7 73.1#

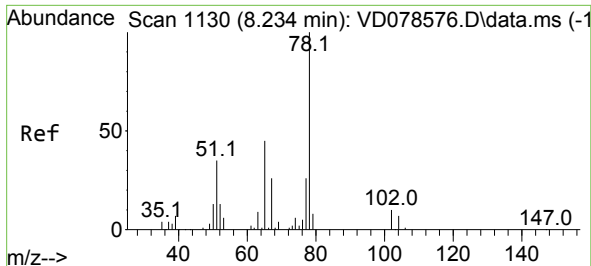


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39



Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
69 76.7 28.6 43.0#
84 182.3 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 44.555 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078634.D

Acq: 12 Mar 2024 10:39

Instrument :

MSVOA_D

ClientSampleId :

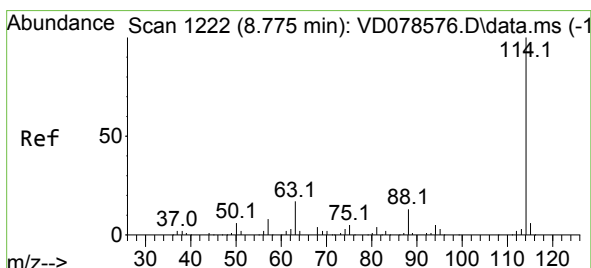
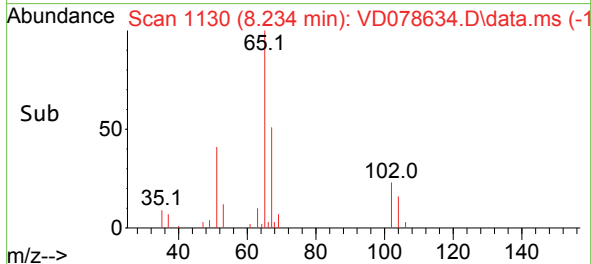
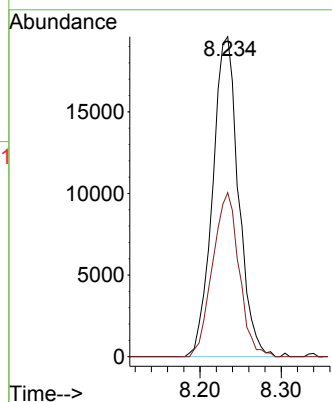
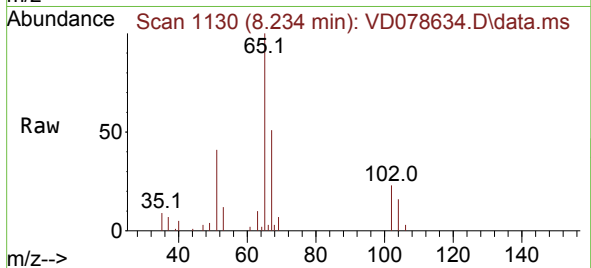
VD0312SBL01

Tgt Ion: 65 Resp: 43418

Ion Ratio Lower Upper

65 100

67 52.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078634.D

Acq: 12 Mar 2024 10:39

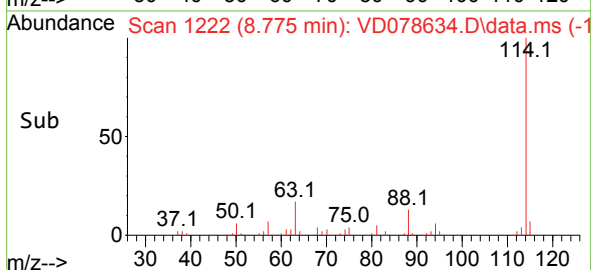
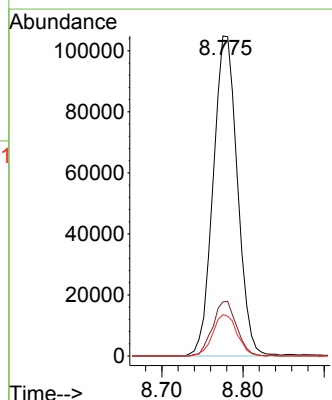
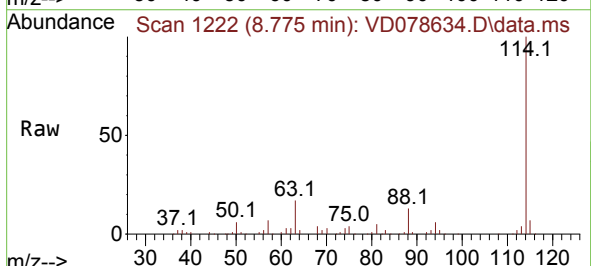
Tgt Ion: 114 Resp: 217319

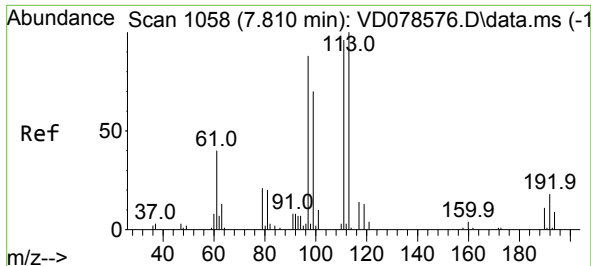
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 12.9 0.0 26.2

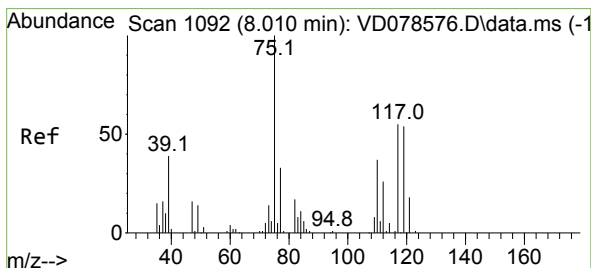
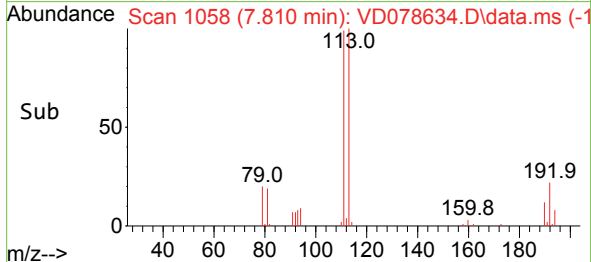
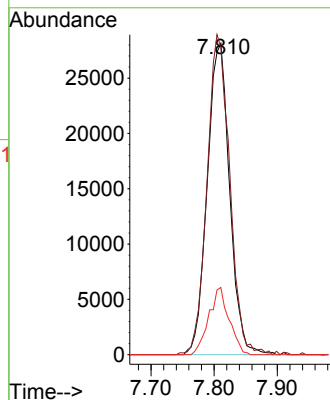
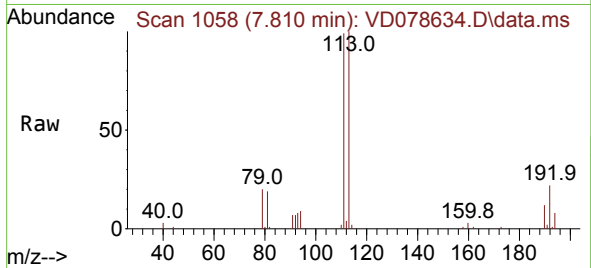




#35
Dibromofluoromethane
Concen: 49.080 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

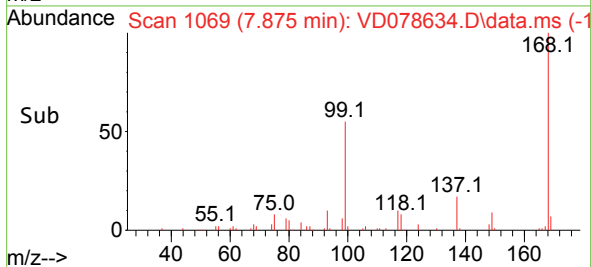
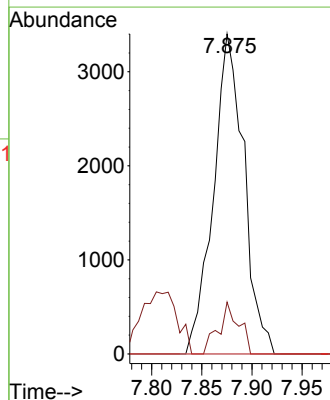
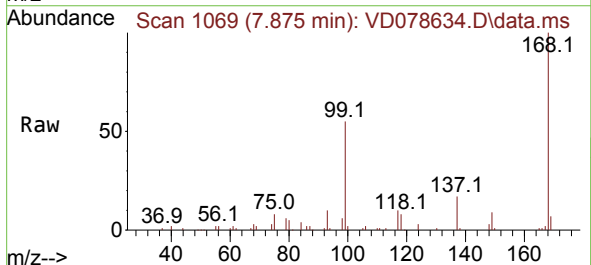
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

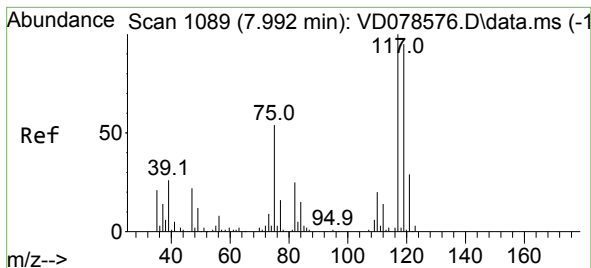
Tgt Ion:113 Resp: 69382
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.690 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion: 75 Resp: 7218
Ion Ratio Lower Upper
75 100
110 10.8 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.586 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.111 min

Lab File: VD078634.D

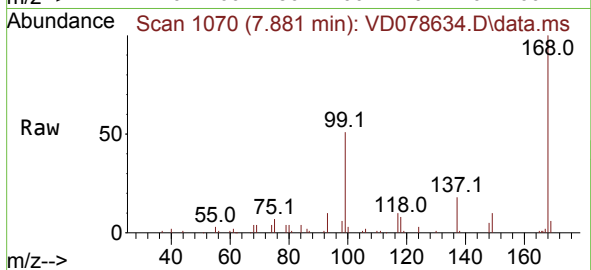
Acq: 12 Mar 2024 10:39

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBL01



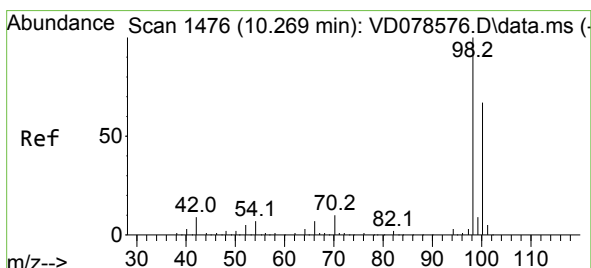
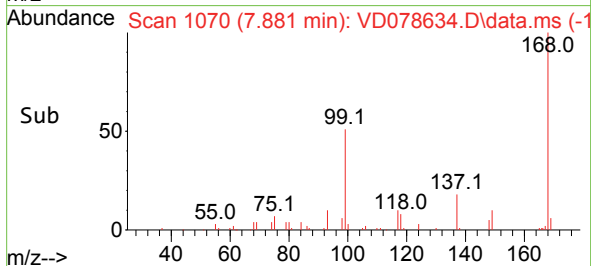
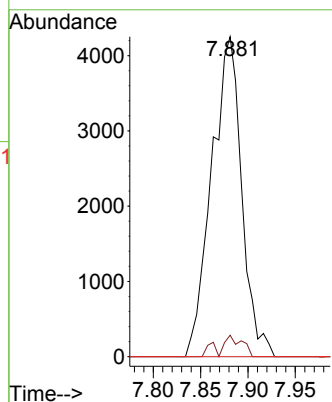
Tgt Ion:117 Resp: 9384

Ion Ratio Lower Upper

117 100

119 6.7 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.739 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078634.D

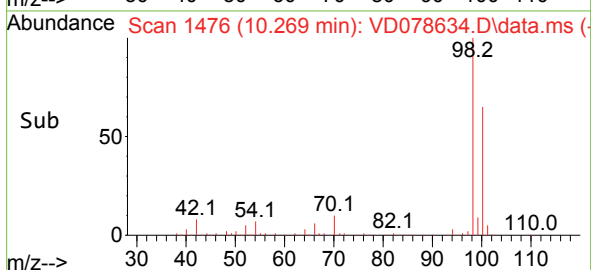
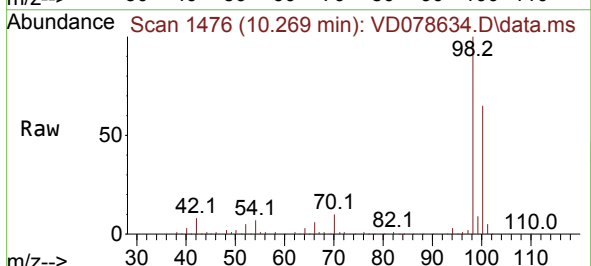
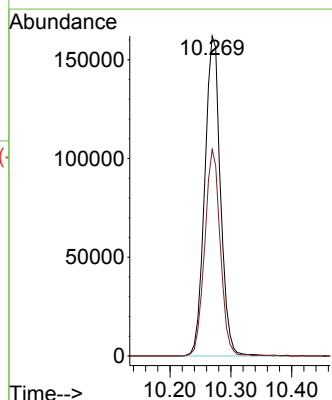
Acq: 12 Mar 2024 10:39

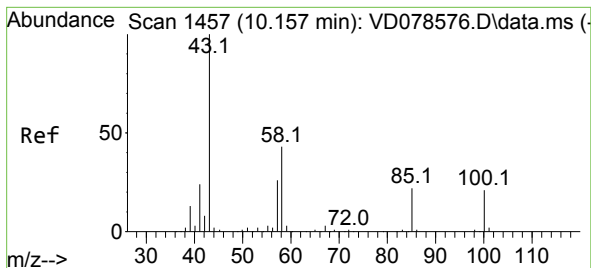
Tgt Ion: 98 Resp: 289704

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

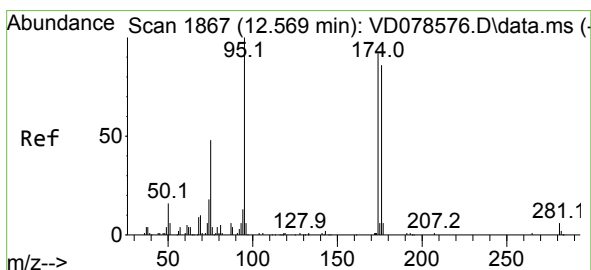
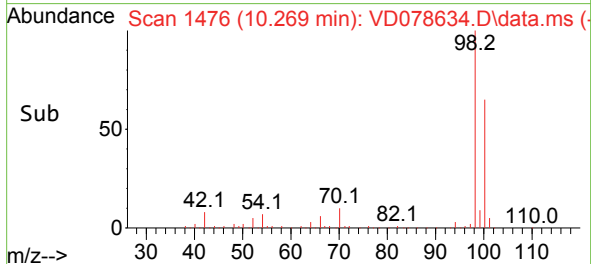
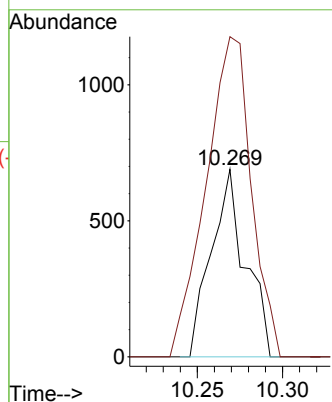
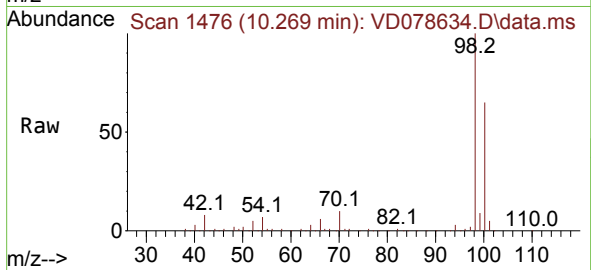




#51
4-Methyl-2-Pentanone
Concen: 1.534 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

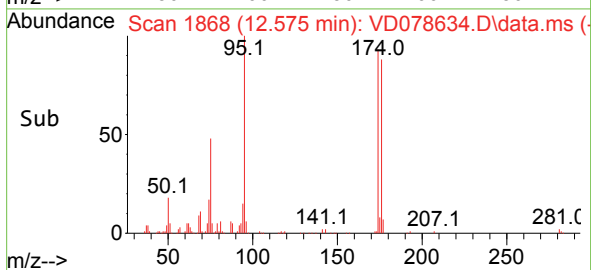
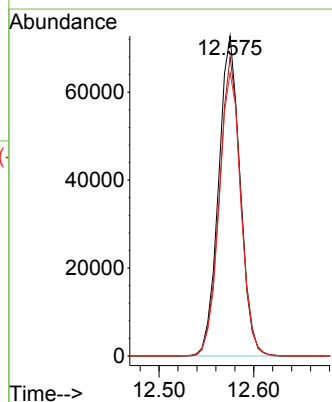
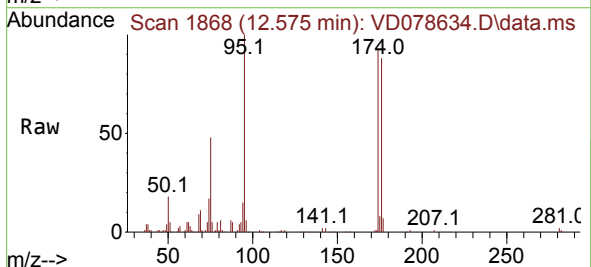
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

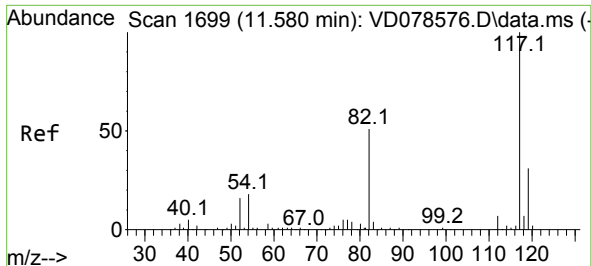
Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 226.4 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 73.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion: 95 Resp: 114602
Ion Ratio Lower Upper
95 100
174 93.4 0.0 201.8
176 89.9 0.0 191.8

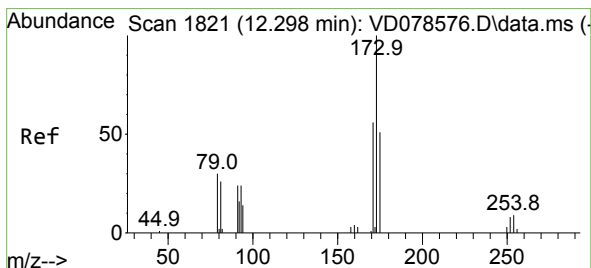
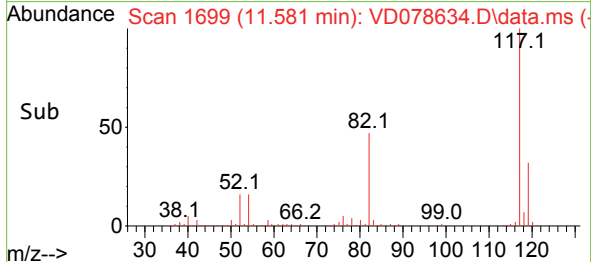
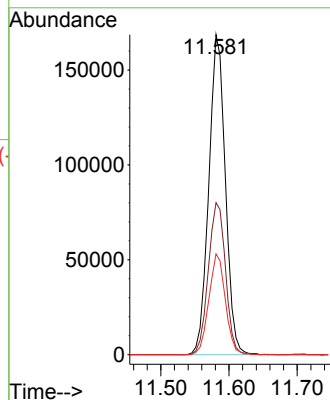
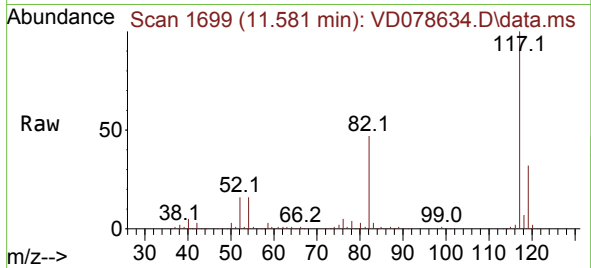




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

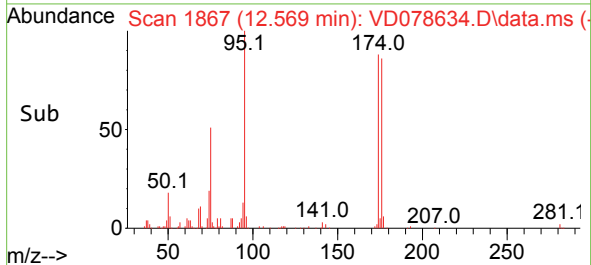
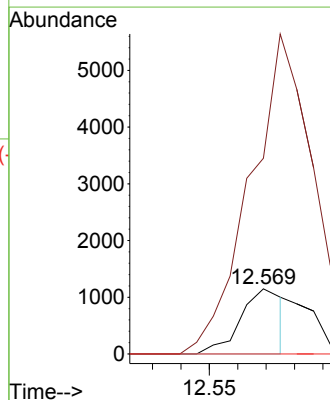
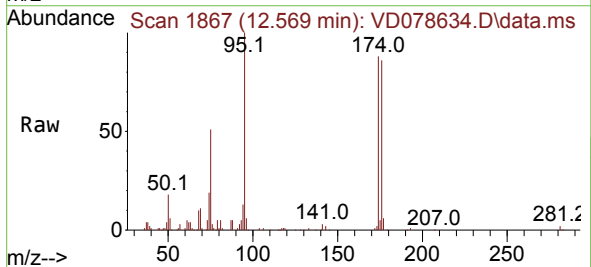
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

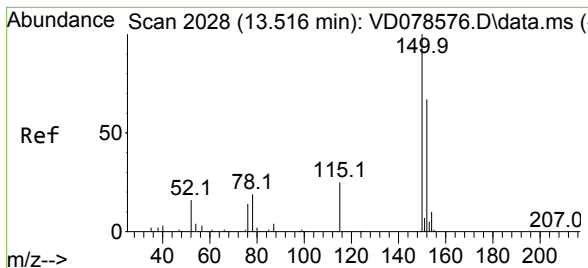
Tgt Ion:117 Resp: 284833
Ion Ratio Lower Upper
117 100
82 47.5 38.3 57.5
119 31.5 25.0 37.4



#71
Bromoform
Concen: 1.083 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion:173 Resp: 1203
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0

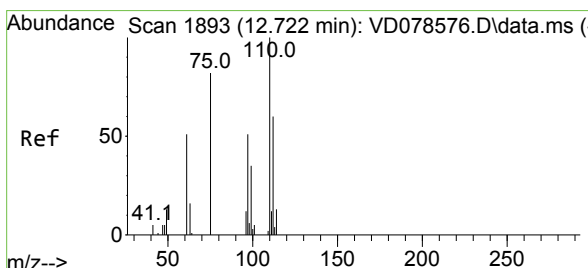
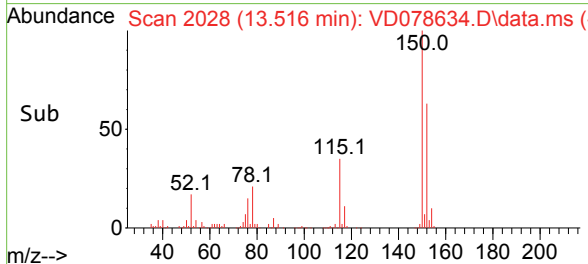
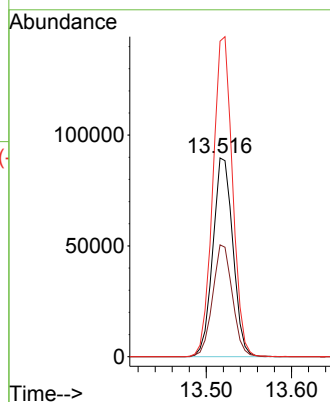
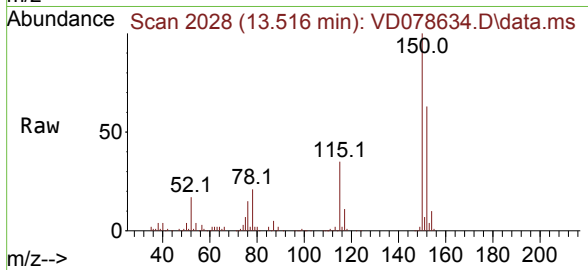




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

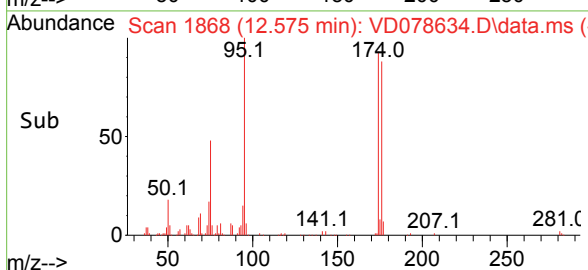
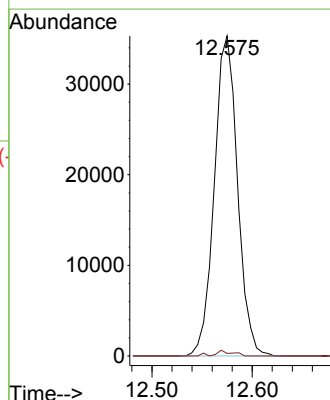
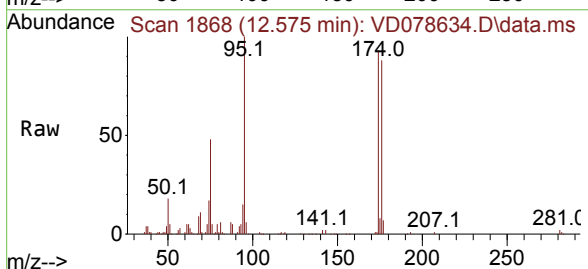
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

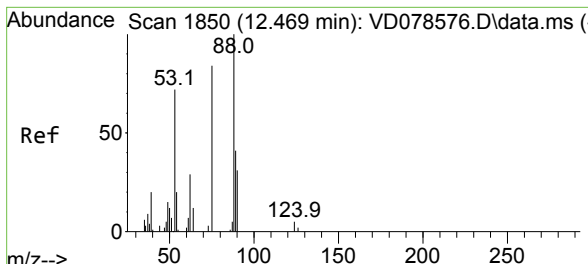
Tgt Ion:152 Resp: 146970
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 157.9 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 50.512 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion: 75 Resp: 56698
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.117 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078634.D
 Acq: 12 Mar 2024 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBL01

Tgt Ion:	75	Resp:	56698
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

