

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079317.D
 Acq On : 02 Jul 2024 14:25
 Operator : RP/MD
 Sample : P3141-05
 Misc : 5.32G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

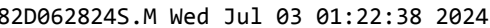
Quant Time: Jul 03 01:22:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

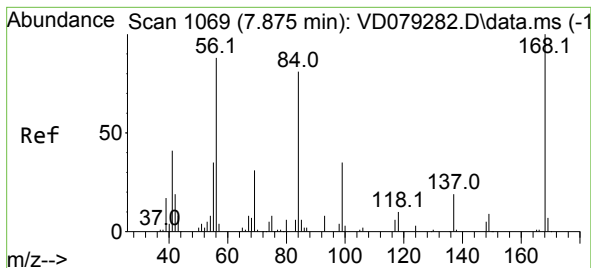
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	106271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	53870	51.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.000%	
35) Dibromofluoromethane	7.805	113	66725	46.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.960%	
50) Toluene-d8	10.269	98	173469	33.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 67.900%	
62) 4-Bromofluorobenzene	12.569	95	37325	22.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 45.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	59	Below Cal	#	2
10) Methyl Iodide	4.164	142	60	6.174	ug/l #	41
16) Acetone	4.022	43	39741	157.563	ug/l	97
17) Carbon Disulfide	4.269	76	7420	1.512	ug/l	98
20) Methylene Chloride	4.799	84	5647	Below Cal		98
25) 2-Butanone	7.087	43	13232	37.657	ug/l	92
31) Cyclohexane	7.863	56	2638	1.168	ug/l #	29
36) 1,1-Dichloropropene	7.875	75	10539	4.776	ug/l #	46
37) Ethyl Acetate	7.087	43	13232	15.754	ug/l #	65
38) Carbon Tetrachloride	7.869	117	12103	5.401	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	18602	55.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	18602	102.925	ug/l #	19

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

Quant Time: Jul 03 01:22:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

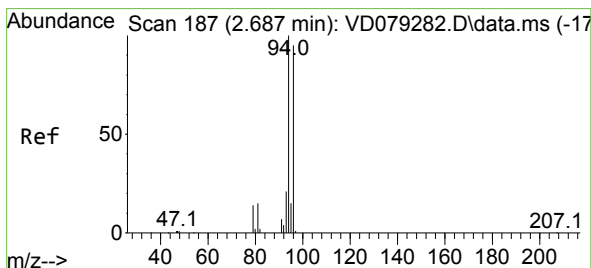
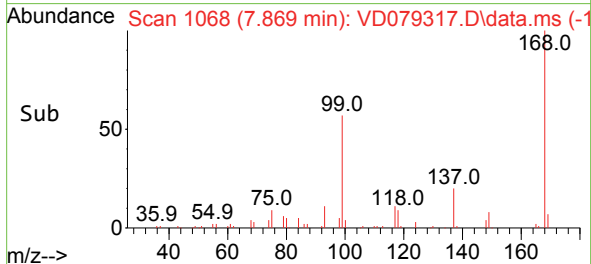
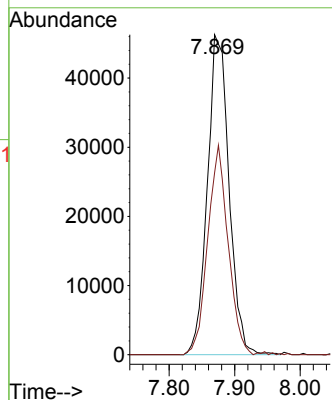
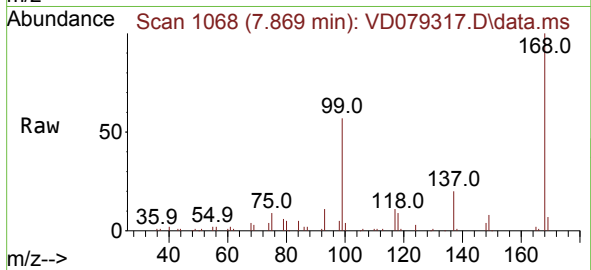
ClientSampleId :

Tgt Ion:168 Resp: 106271

Ion Ratio Lower Upper

168 100

99 56.8 41.1 61.7



#5

Bromomethane

Concen: Below Cal

RT: 2.681 min Scan# 186

Delta R.T. 0.023 min

Lab File: VD079317.D

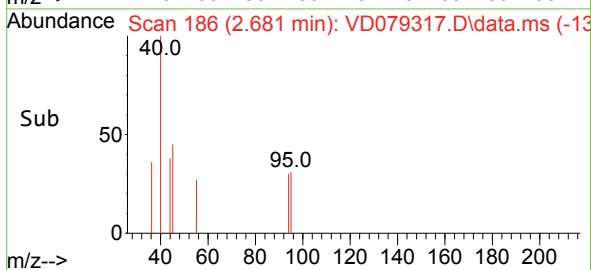
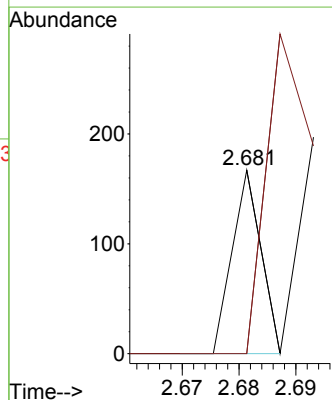
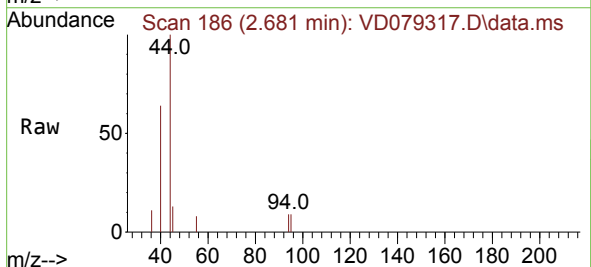
Acq: 02 Jul 2024 14:25

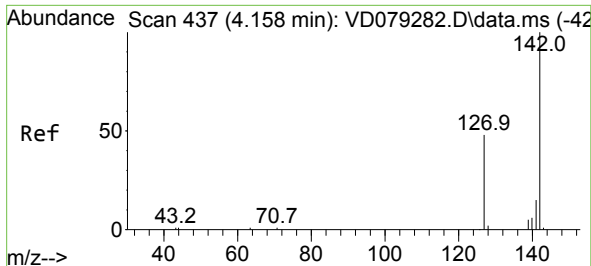
Tgt Ion: 94 Resp: 59

Ion Ratio Lower Upper

94 100

96 0.0 76.9 115.3#

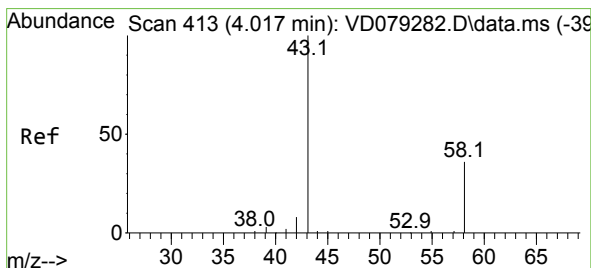
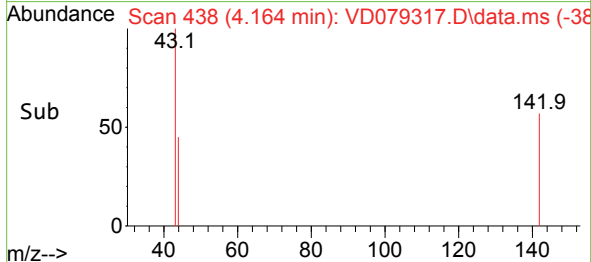
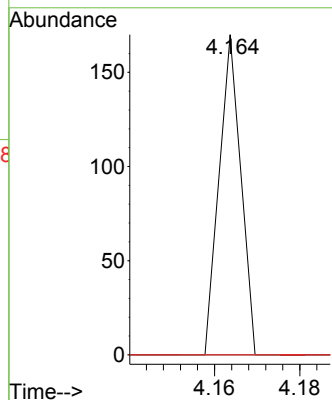
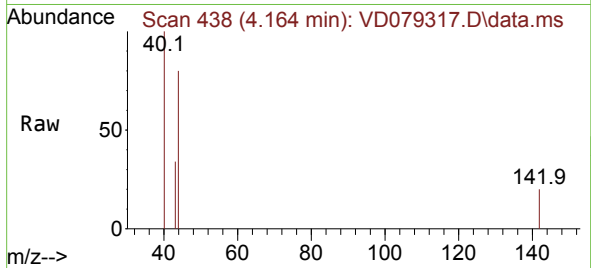




#10
Methyl Iodide
Concen: 6.174 ug/l
RT: 4.164 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

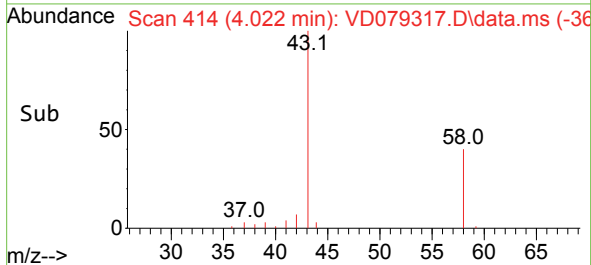
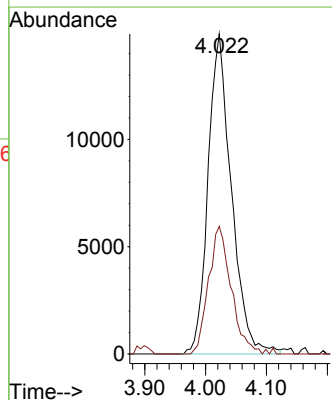
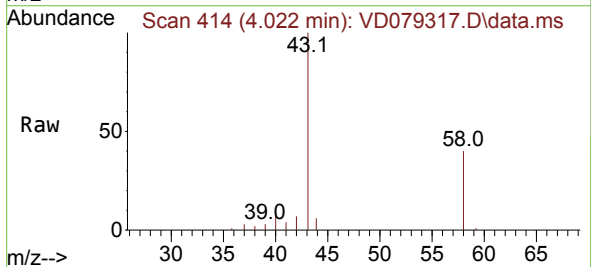
Instrument :
MSVOA_D
ClientSampleId :

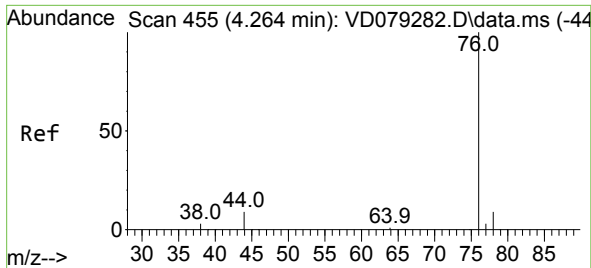
Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 34.2 51.4#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 157.563 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

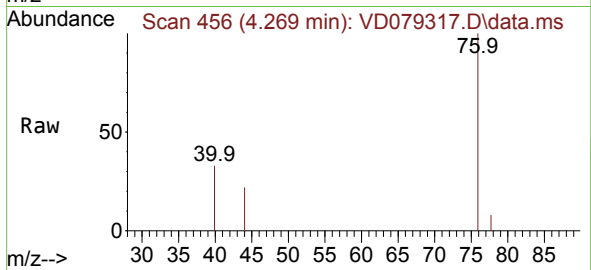
Tgt Ion: 43 Resp: 39741
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



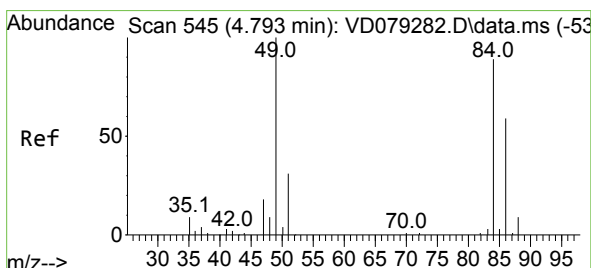
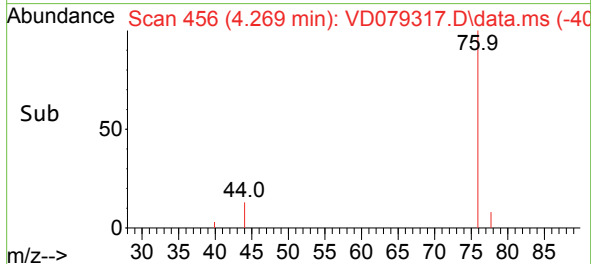
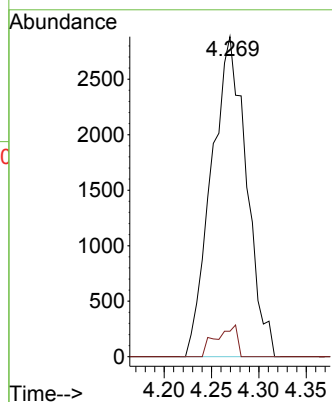


#17
Carbon Disulfide
Concen: 1.512 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Instrument :
MSVOA_D
ClientSampleId :

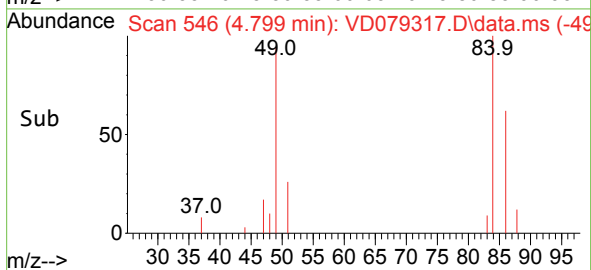
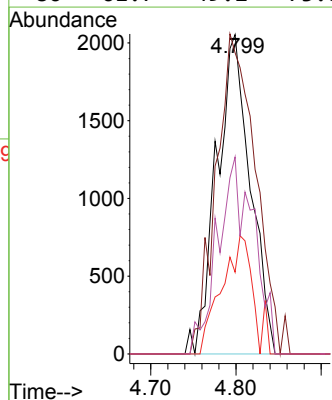
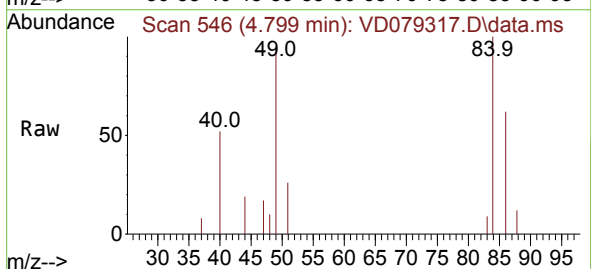


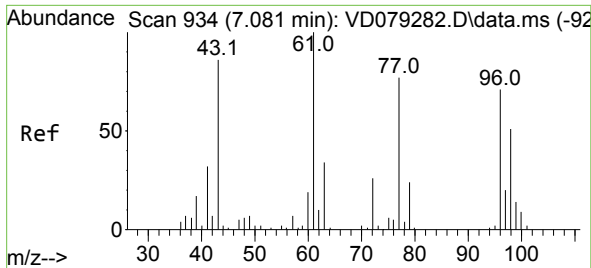
Tgt Ion: 76 Resp: 7420
Ion Ratio Lower Upper
76 100
78 7.9 6.9 10.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Tgt Ion: 84 Resp: 5647
Ion Ratio Lower Upper
84 100
49 94.4 75.6 113.4
51 25.6 24.2 36.2
86 61.7 49.2 73.8

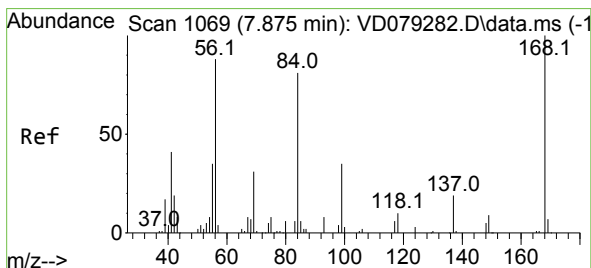
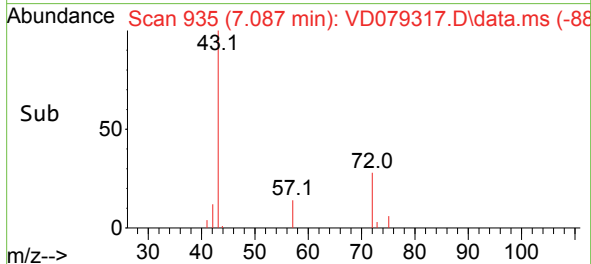
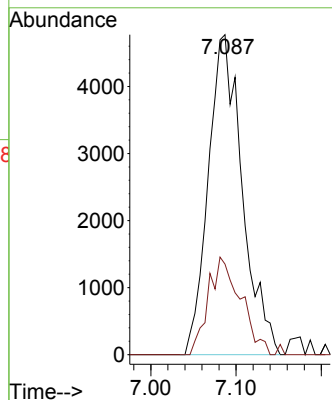
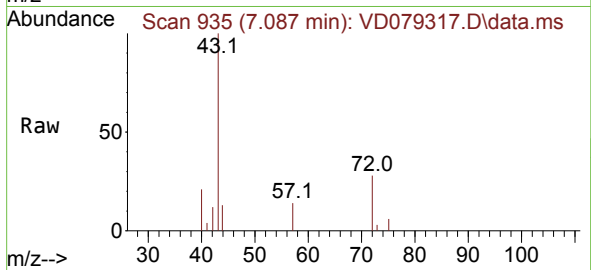




#25
2-Butanone
Concen: 37.657 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

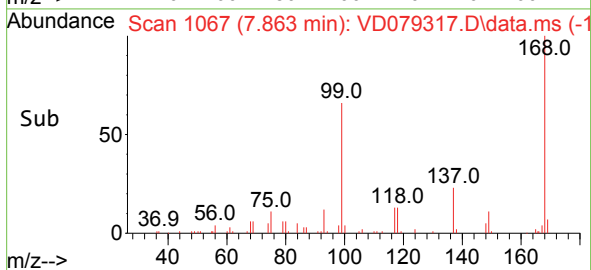
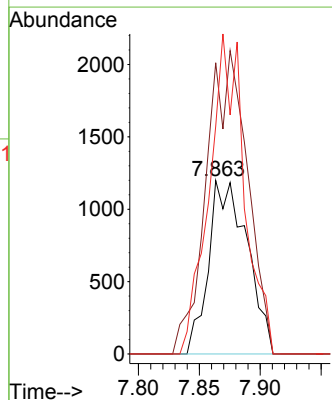
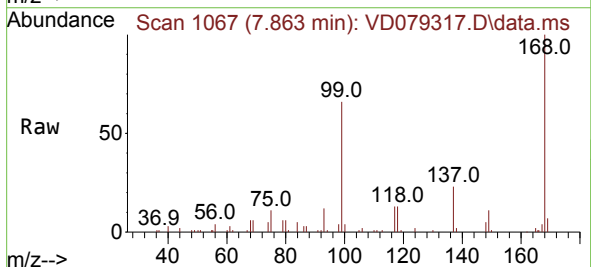
Instrument :
MSVOA_D
ClientSampleId :

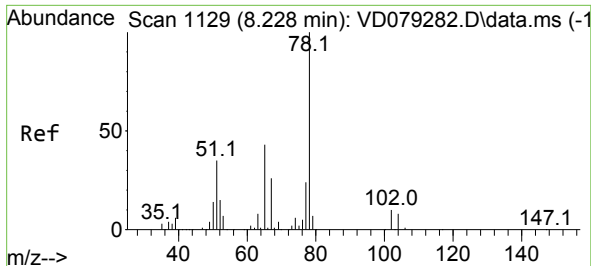
Tgt Ion: 43 Resp: 13232
Ion Ratio Lower Upper
43 100
72 28.3 26.4 39.6



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Tgt Ion: 56 Resp: 2638
Ion Ratio Lower Upper
56 100
69 167.8 28.0 42.0#
84 131.3 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 51.999 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

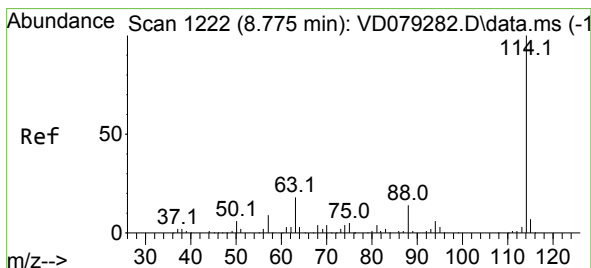
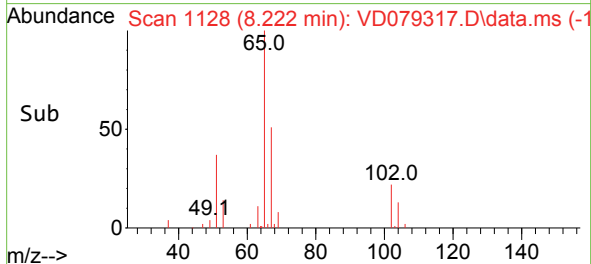
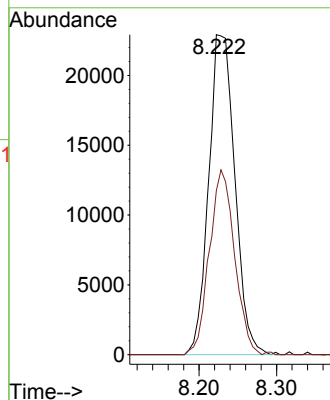
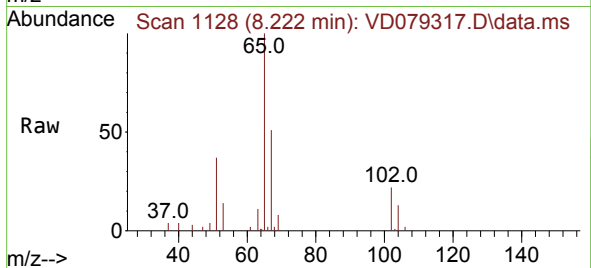
ClientSampleId :

Tgt Ion: 65 Resp: 53870

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

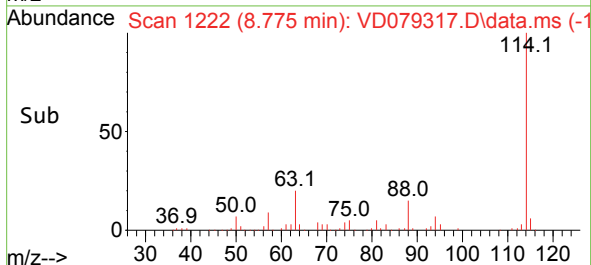
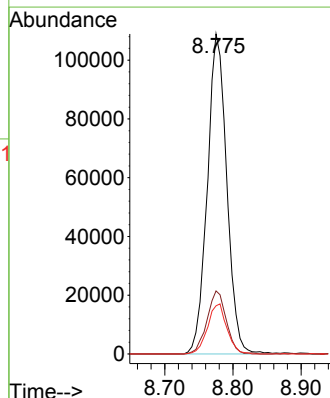
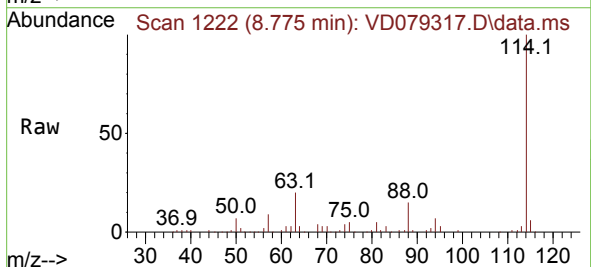
Tgt Ion: 114 Resp: 216371

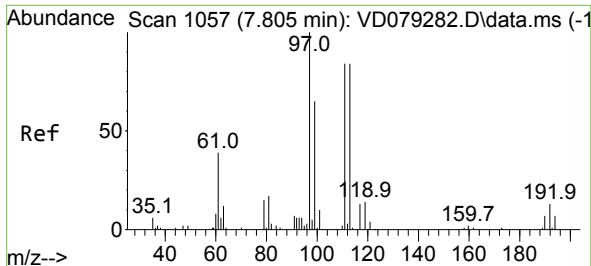
Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 15.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.981 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

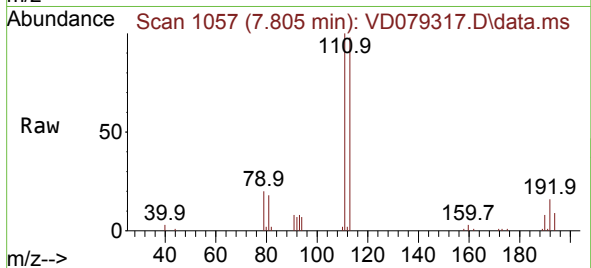
Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

ClientSampleId :



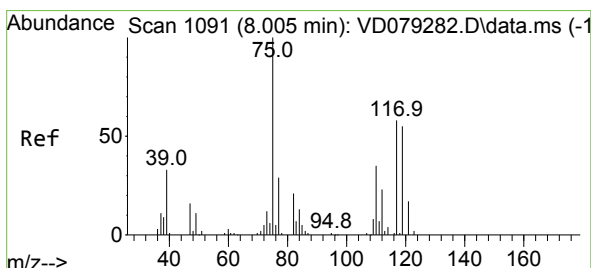
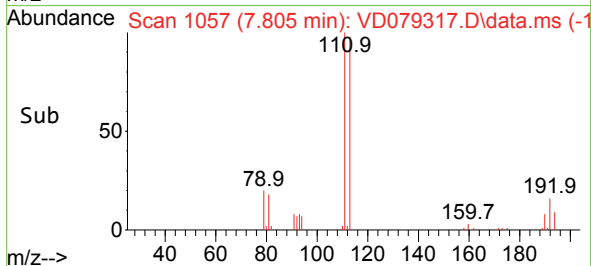
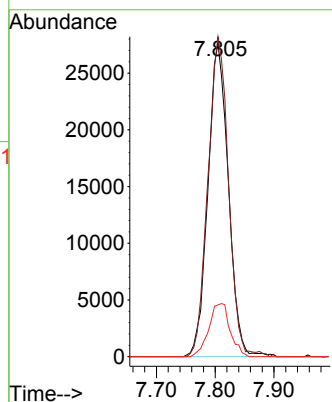
Tgt Ion:113 Resp: 66725

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 17.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

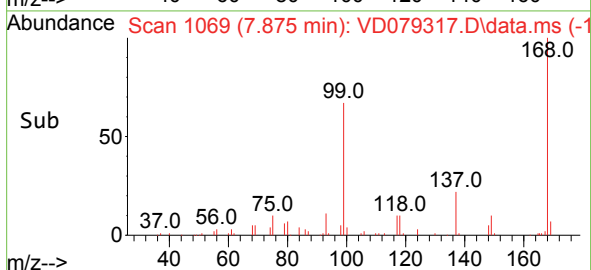
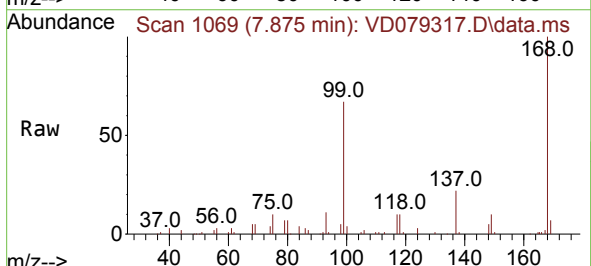
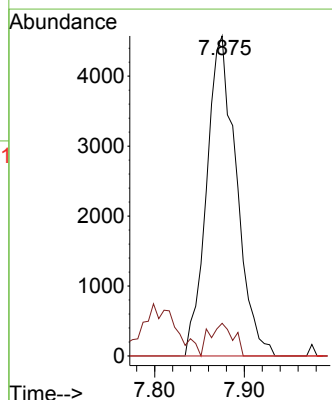
Tgt Ion: 75 Resp: 10539

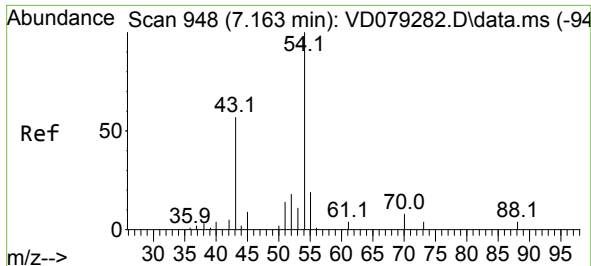
Ion Ratio Lower Upper

75 100

110 8.2 19.6 58.7#

77 0.0 26.1 39.1#





#37

Ethyl Acetate

Concen: 15.754 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.076 min

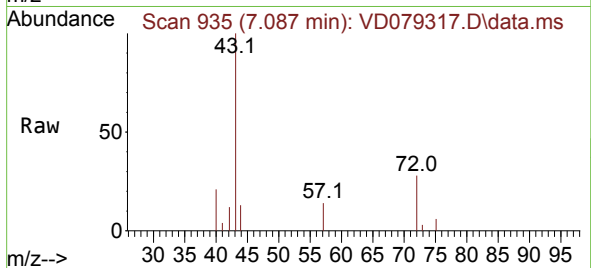
Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

ClientSampleId :



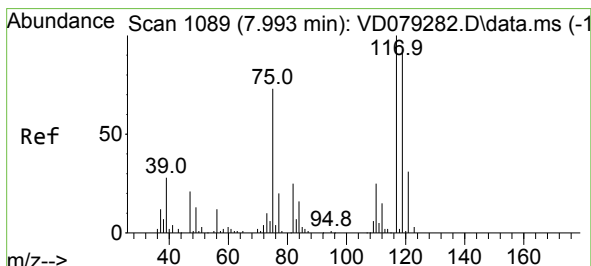
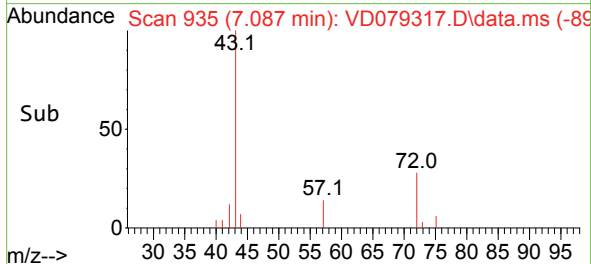
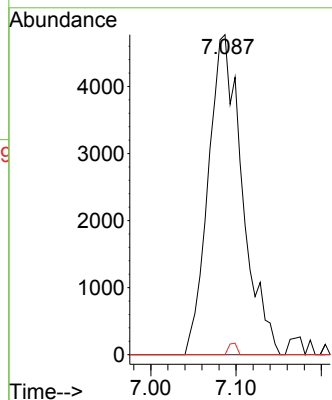
Tgt Ion: 43 Resp: 13232

Ion Ratio Lower Upper

43 100

61 0.0 13.9 20.9#

70 0.9 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 5.401 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

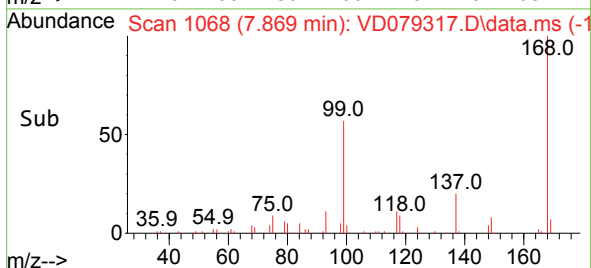
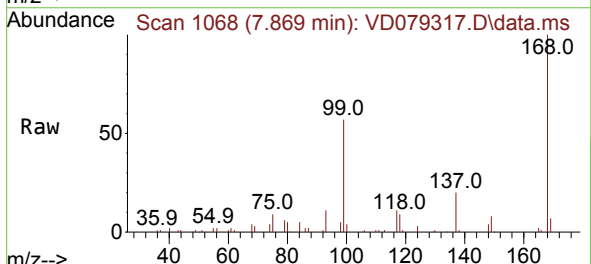
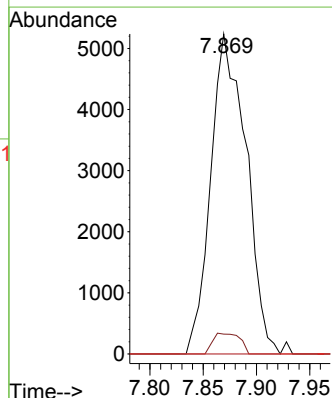
Tgt Ion: 117 Resp: 12103

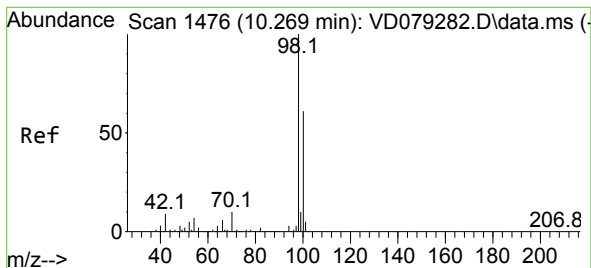
Ion Ratio Lower Upper

117 100

119 6.2 75.4 113.0#

121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 33.951 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

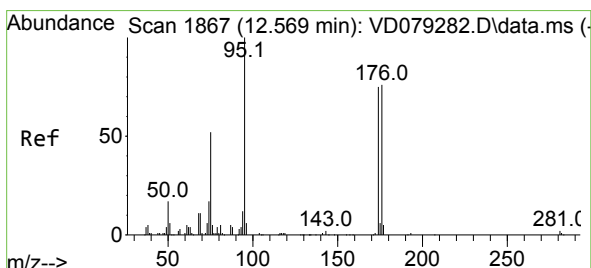
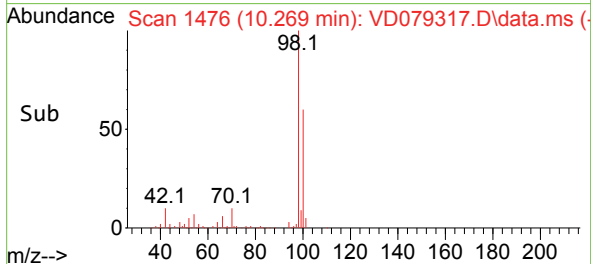
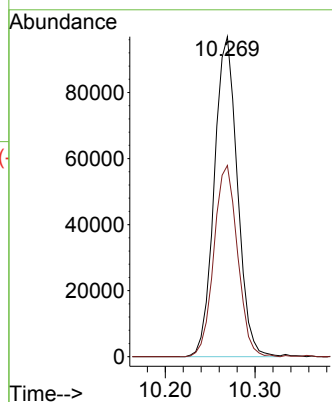
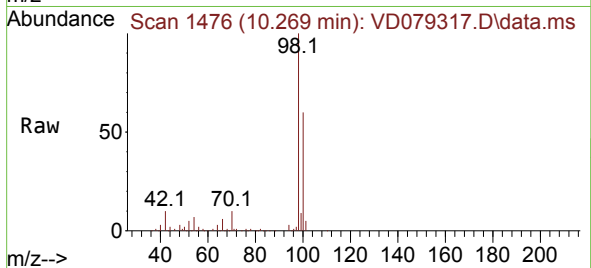
ClientSampleId :

Tgt Ion: 98 Resp: 173469

Ion Ratio Lower Upper

98 100

100 61.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 22.781 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

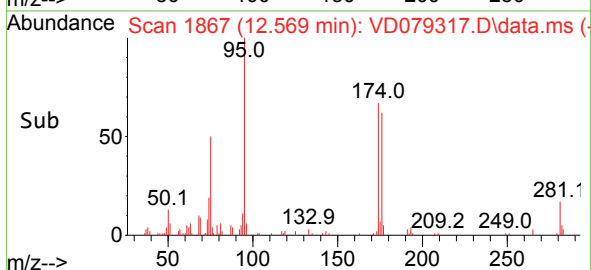
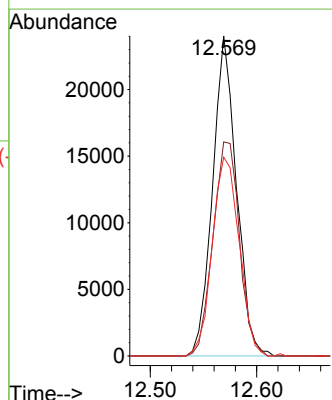
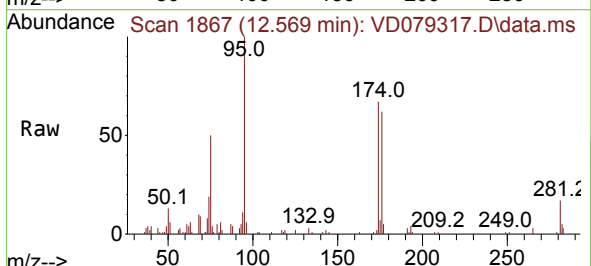
Tgt Ion: 95 Resp: 37325

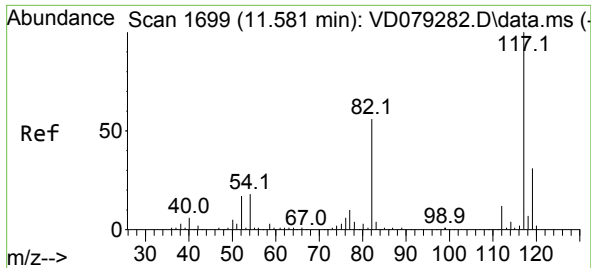
Ion Ratio Lower Upper

95 100

174 74.4 0.0 195.4

176 70.1 0.0 192.6

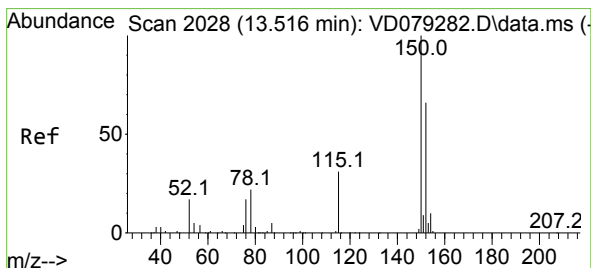
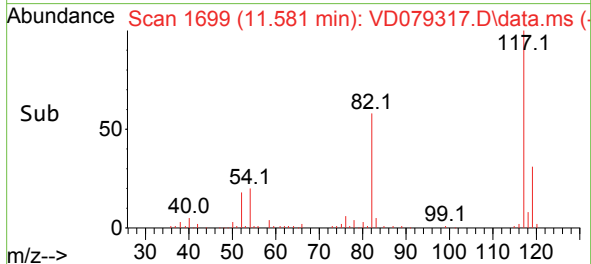
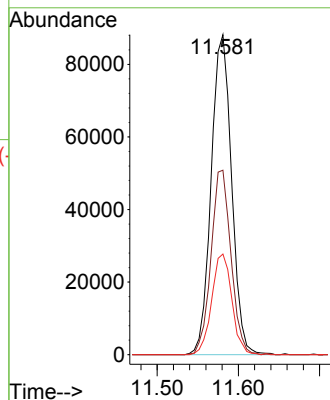
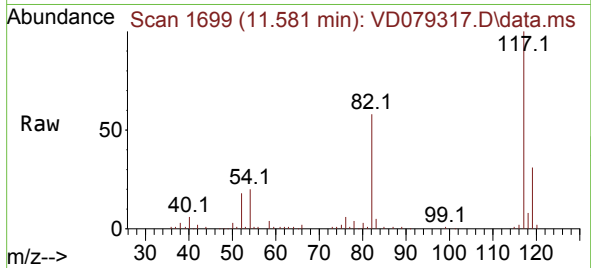




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

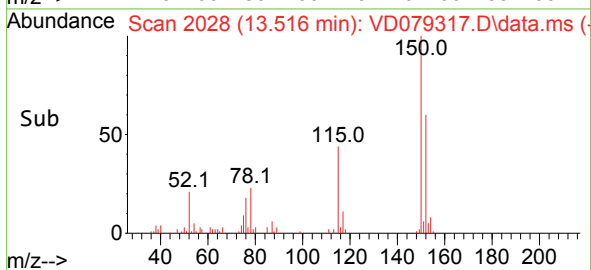
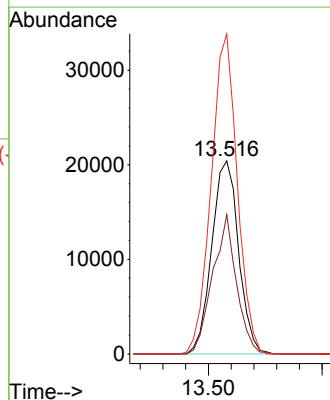
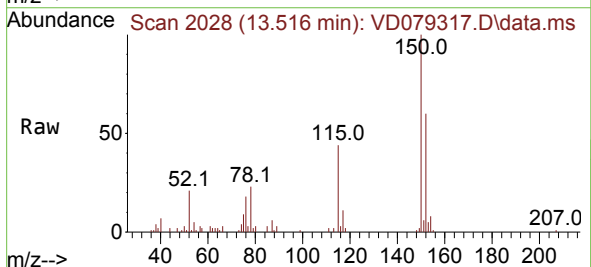
Instrument :
MSVOA_D
ClientSampleId :

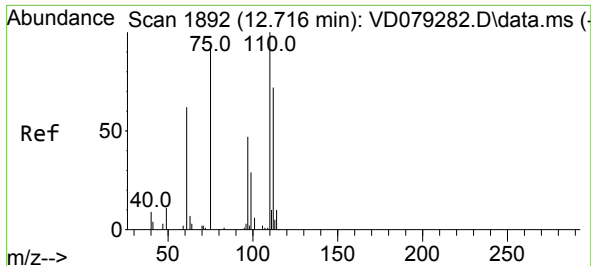
Tgt Ion:117 Resp: 153900
Ion Ratio Lower Upper
117 100
82 57.7 39.8 59.6
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Tgt Ion:152 Resp: 33512
Ion Ratio Lower Upper
152 100
115 64.1 26.5 79.5
150 160.6 0.0 341.6

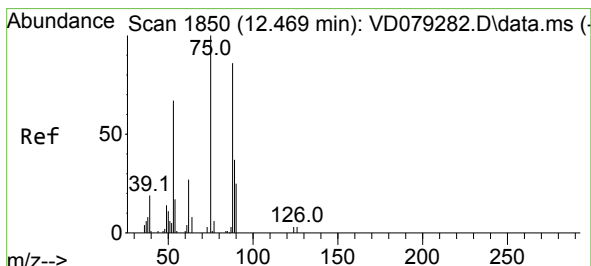
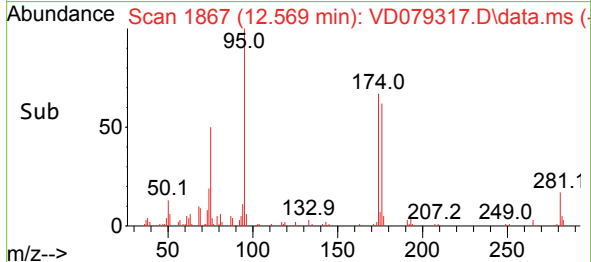
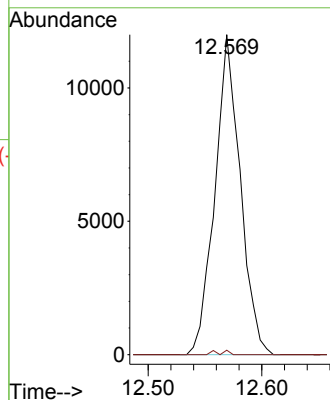
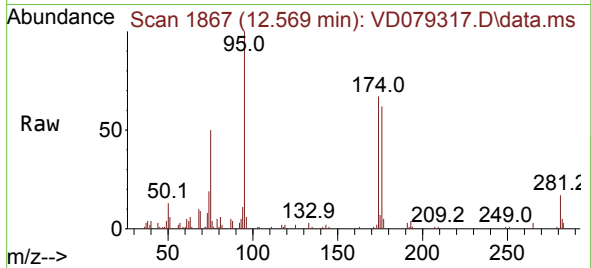




#76
1,2,3-Trichloropropane
Concen: 55.467 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 18602
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.925 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Tgt Ion: 75 Resp: 18602
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

