

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072857.D
 Acq On : 06 May 2022 17:54
 Operator : VA/SY
 Sample : N2665-11RE
 Misc : 6.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10,14

Quant Time: May 07 00:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	300090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	551597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	567386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	216196	55.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.909	113	195538	50.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.332	98	692431	49.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.620	95	272147	52.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.040%

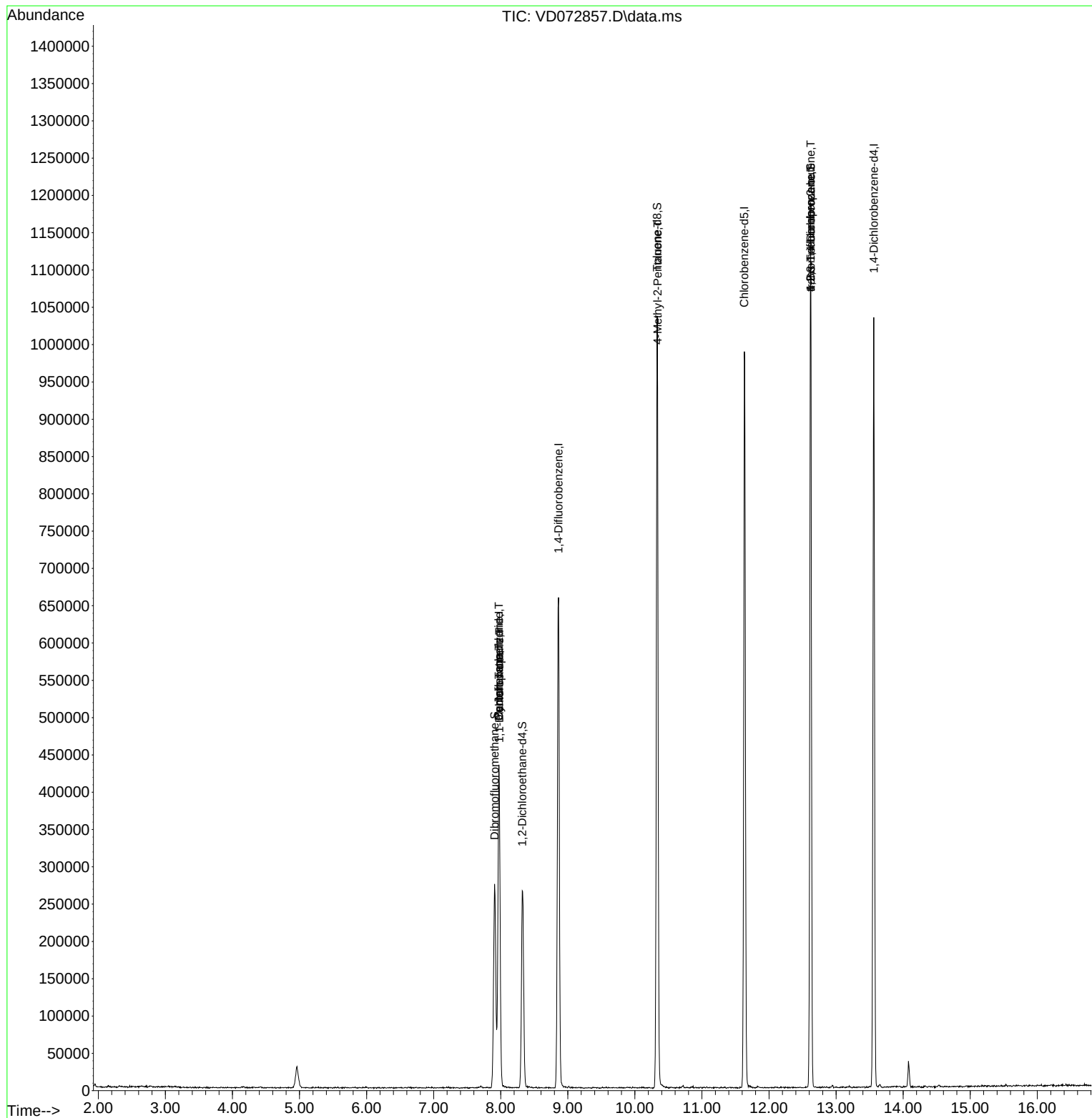
Target Compounds					Qvalue
5) Bromomethane	2.779	94	496	Below Cal	96
16) Acetone	4.162	43	2207	Below Cal	# 47
18) Methyl Acetate	4.632	43	58	Below Cal	# 55
20) Methylene Chloride	4.956	84	20921	Below Cal	99
31) Cyclohexane	7.973	56	7792	1.144 ug/l	# 1
36) 1,1-Dichloropropene	7.979	75	27052	4.295 ug/l	# 51
38) Carbon Tetrachloride	7.973	117	32786	5.014 ug/l	# 16
51) 4-Methyl-2-Pentanone	10.338	43	3322	1.196 ug/l	# 1
76) 1,2,3-Trichloropropane	12.620	75	143492	49.118 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	143492	112.952 ug/l	# 8

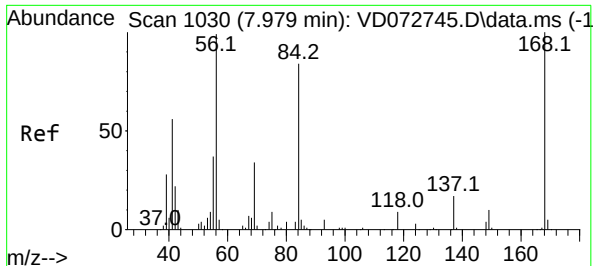
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-10,14

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

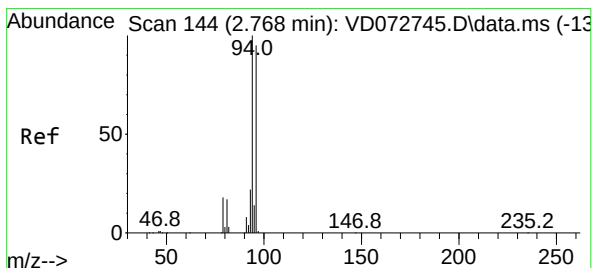
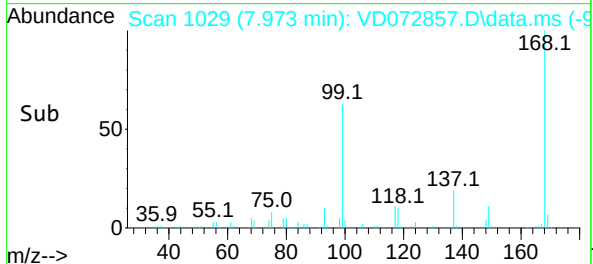
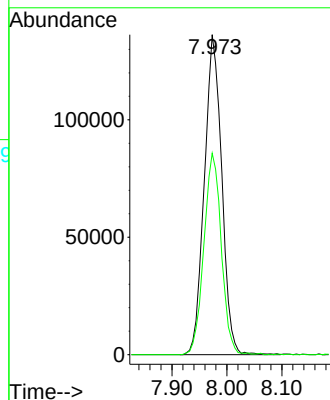
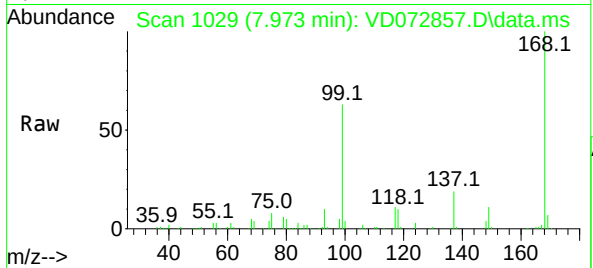




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

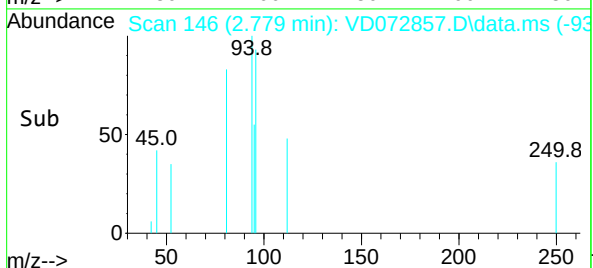
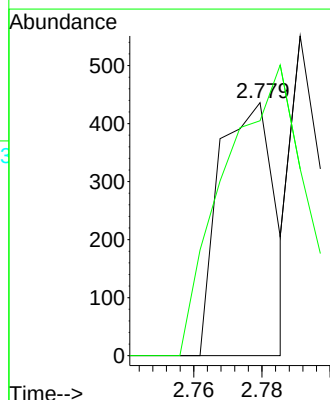
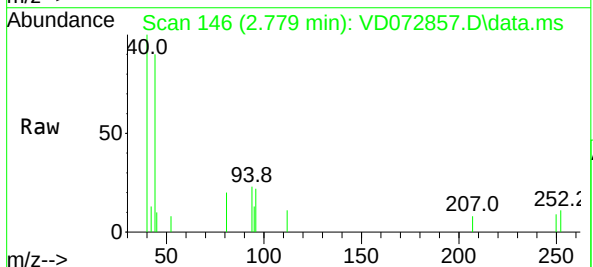
Instrument :
MSVOA_D
ClientSampleId :
SB-10,14

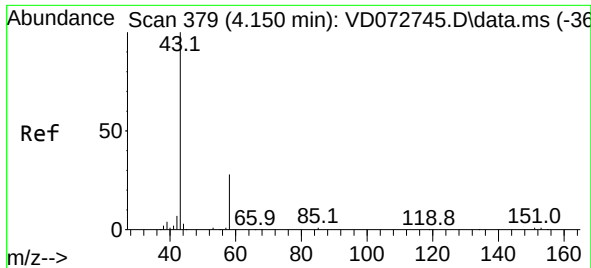
Tgt Ion:168 Resp: 300090
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 92.9 77.6 116.4

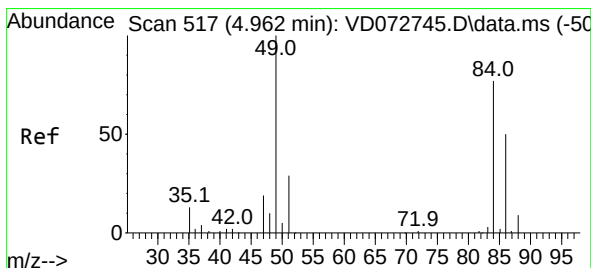
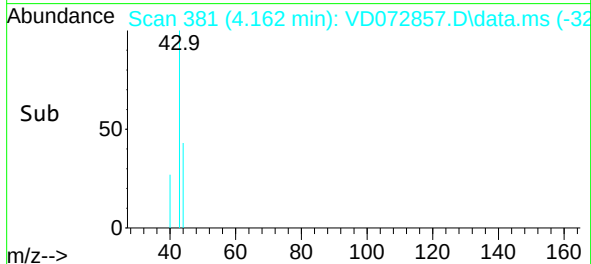
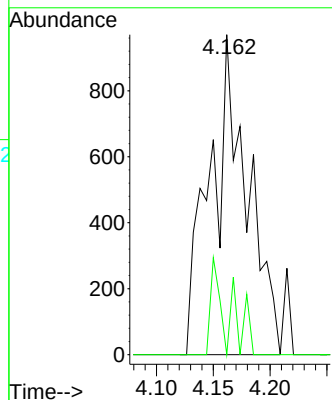
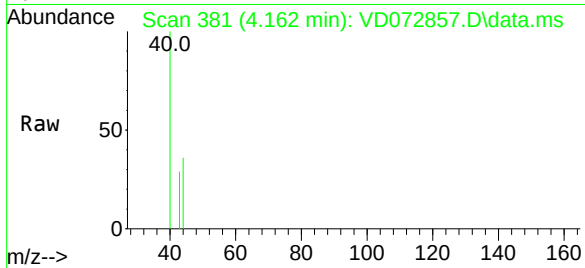




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

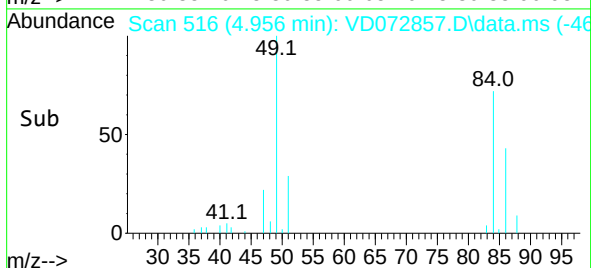
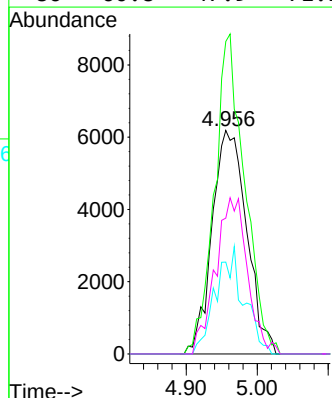
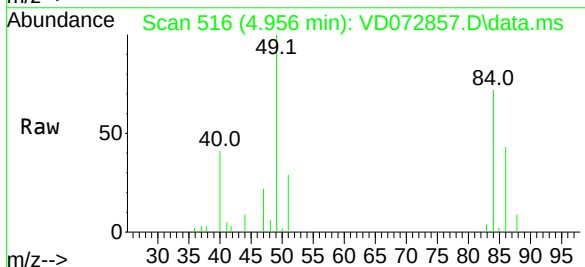
Instrument :
MSVOA_D
ClientSampleId :
SB-10,14

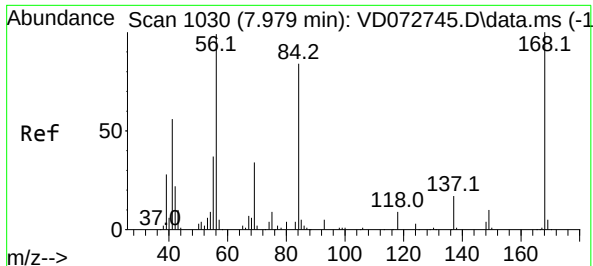
Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

Tgt Ion: 84 Resp: 20921
Ion Ratio Lower Upper
84 100
49 139.8 112.8 169.2
51 41.1 32.6 48.8
86 60.8 47.9 71.9

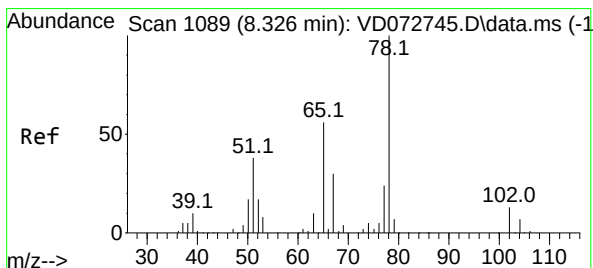
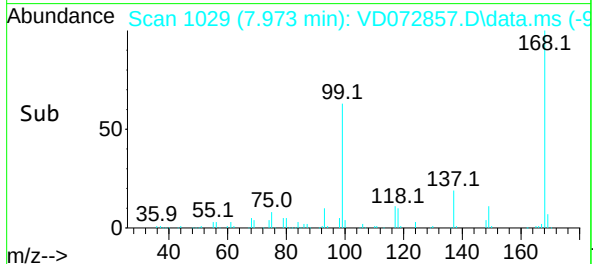
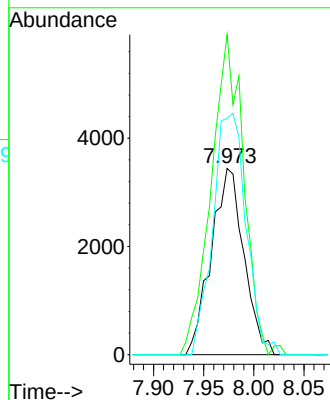
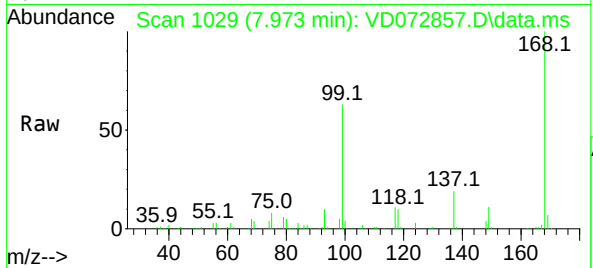




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

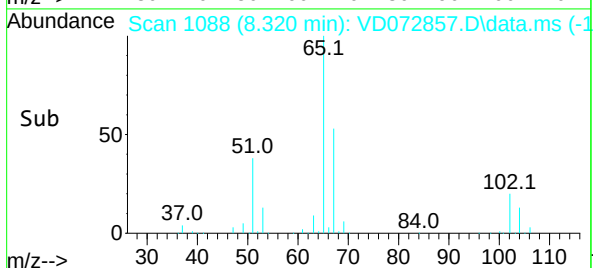
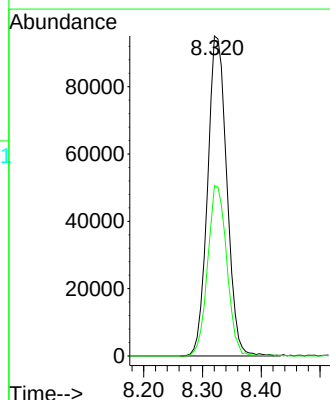
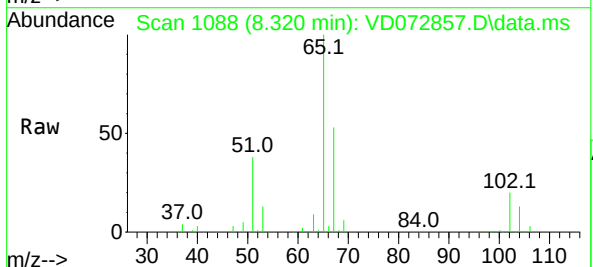
Instrument :
MSVOA_D
ClientSampleId :
SB-10,14

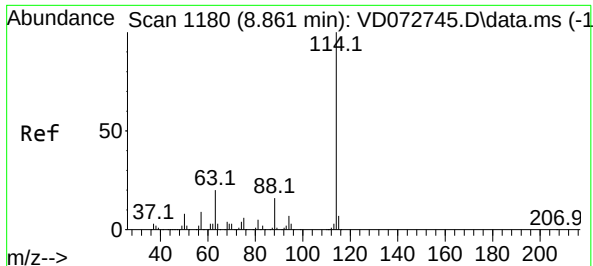
Tgt Ion: 56 Resp: 7792
Ion Ratio Lower Upper
56 100
69 171.8 25.4 38.2#
84 127.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 55.500 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

Tgt Ion: 65 Resp: 216196
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072857.D

Acq: 06 May 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

SB-10,14

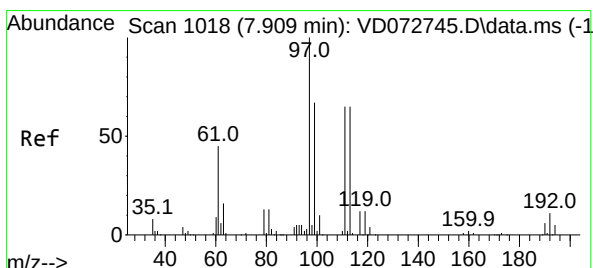
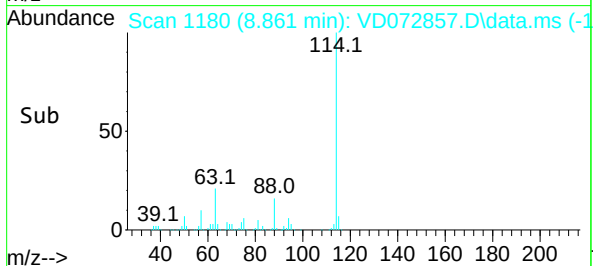
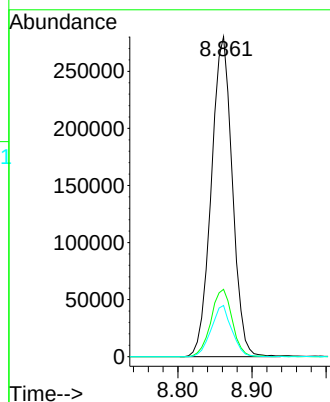
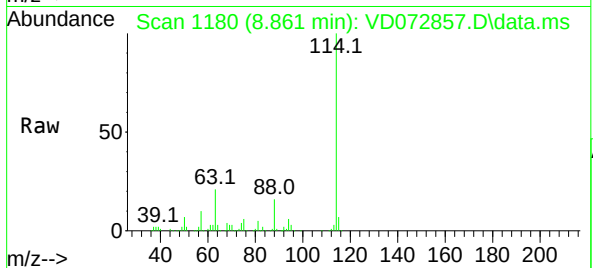
Tgt Ion:114 Resp: 551597

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.475 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072857.D

Acq: 06 May 2022 17:54

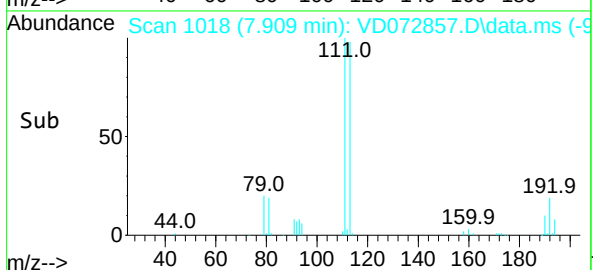
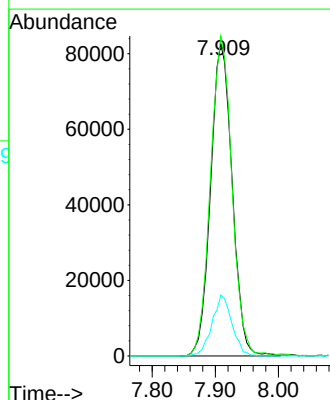
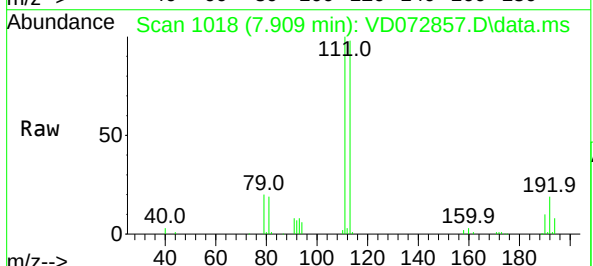
Tgt Ion:113 Resp: 195538

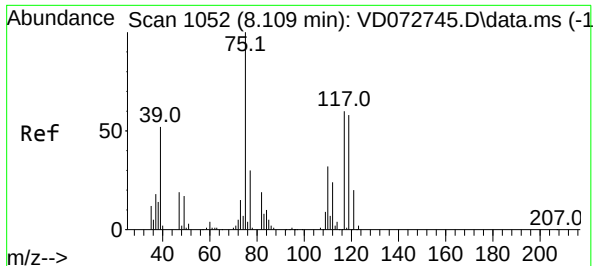
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.295 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD072857.D

Acq: 06 May 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

SB-10,14

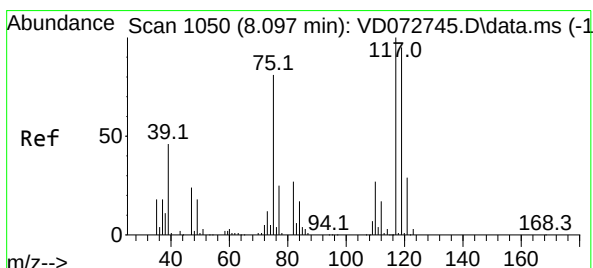
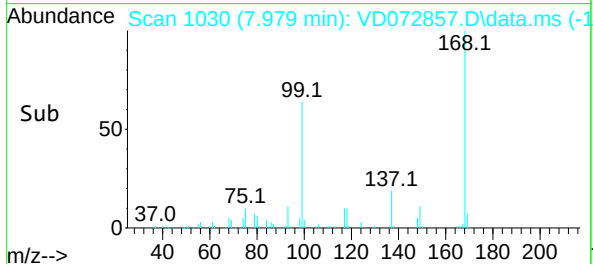
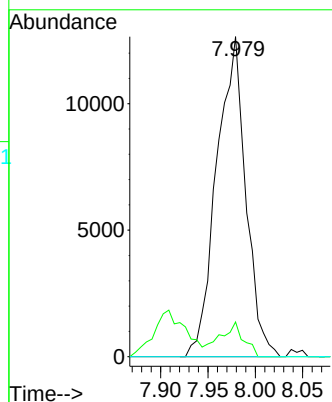
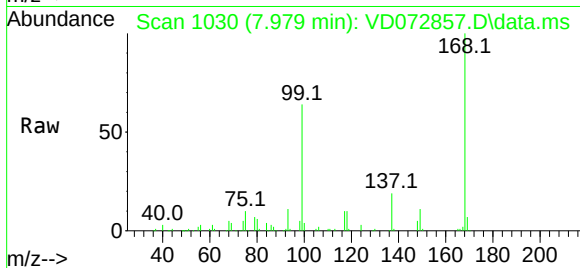
Tgt Ion: 75 Resp: 27052

Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.014 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072857.D

Acq: 06 May 2022 17:54

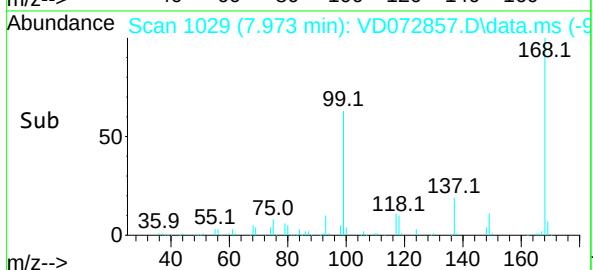
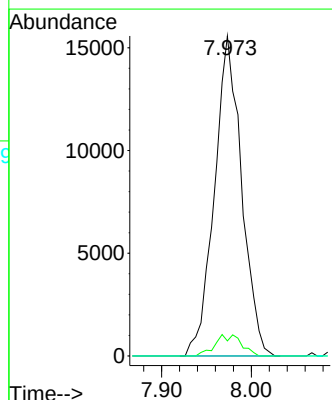
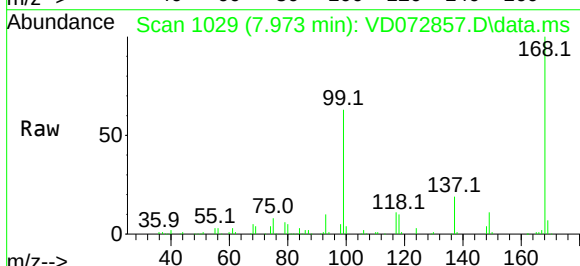
Tgt Ion: 117 Resp: 32786

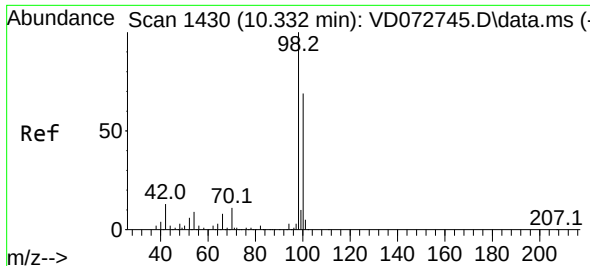
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.5 36.7#

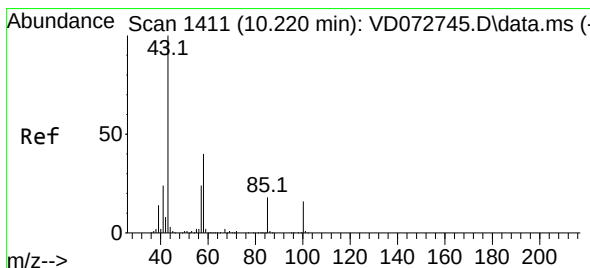
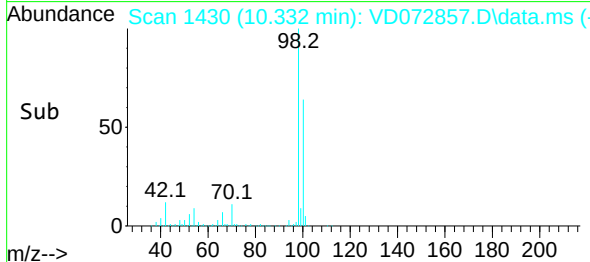
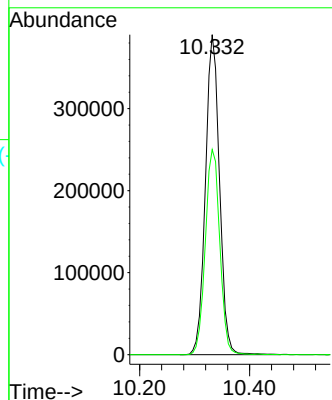
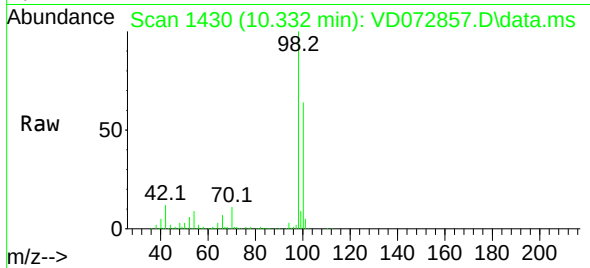




#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

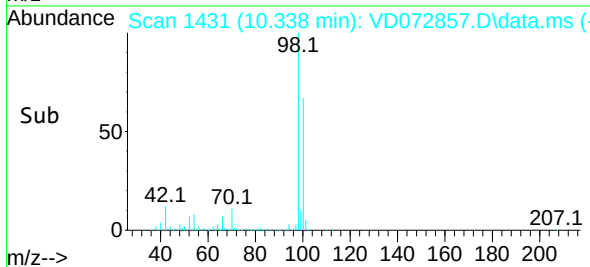
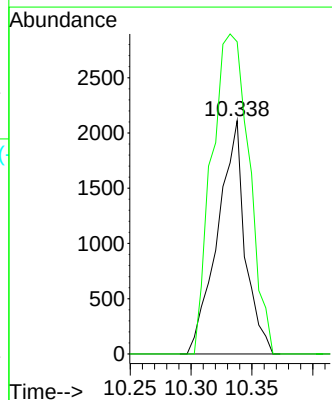
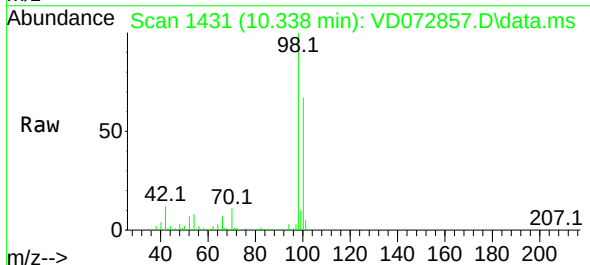
Instrument :
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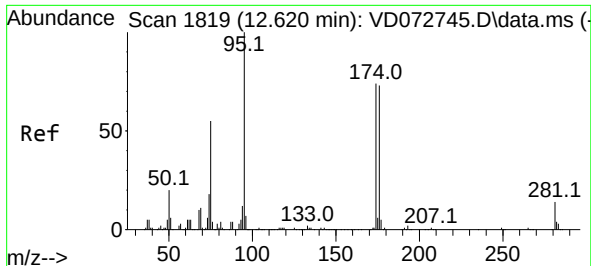
Tgt Ion: 98 Resp: 692431
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.196 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
58 185.8 28.6 43.0#

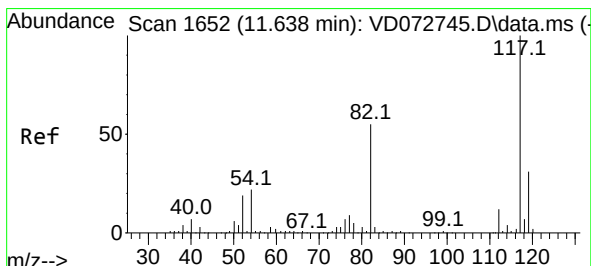
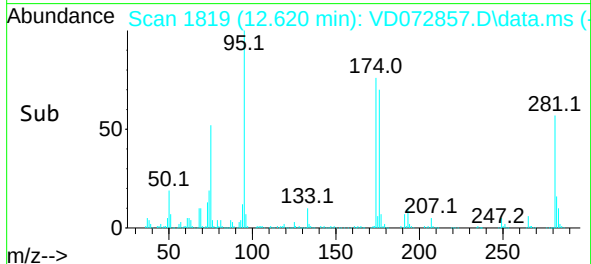
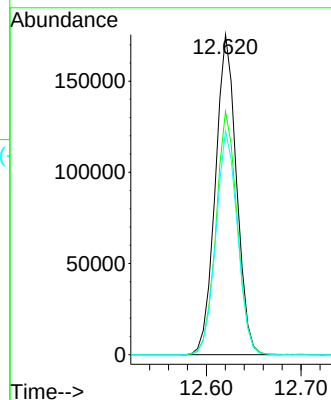
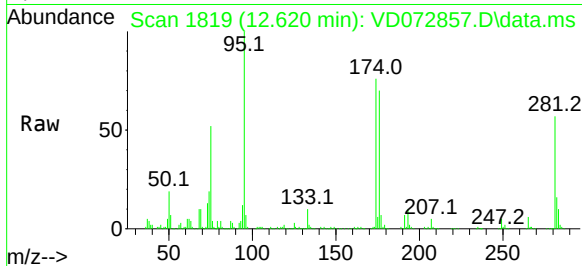




#62
4-Bromofluorobenzene
Concen: 52.523 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

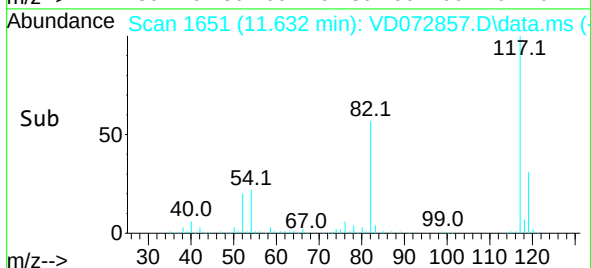
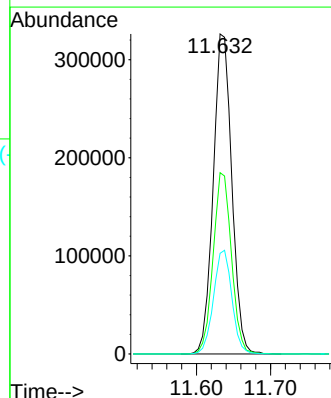
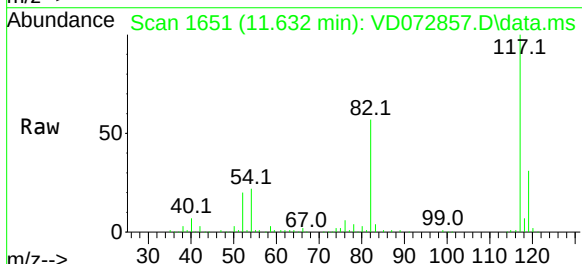
Instrument :
MSVOA_D
ClientSampleId :
SB-10,14

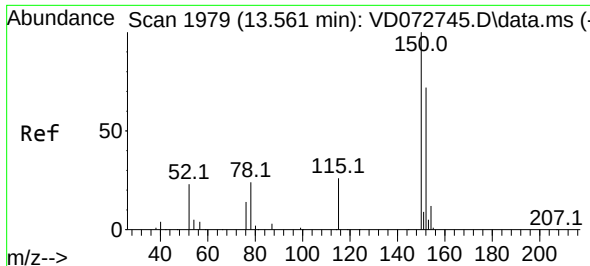
Tgt Ion: 95 Resp: 272147
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 71.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072857.D
Acq: 06 May 2022 17:54

Tgt Ion: 117 Resp: 567386
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.5 26.6 40.0

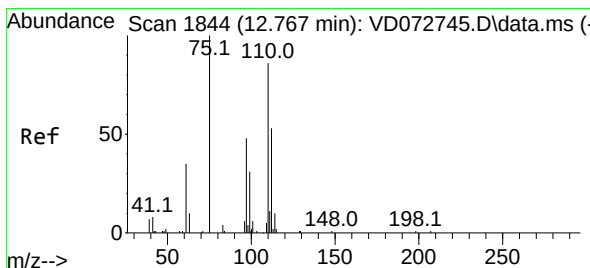
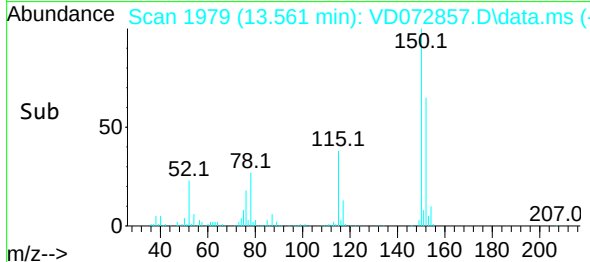
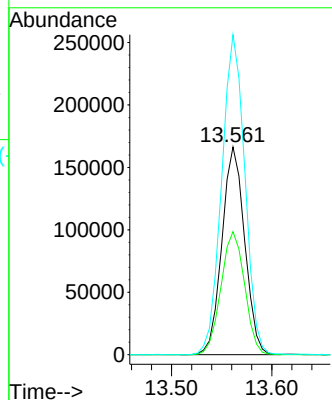
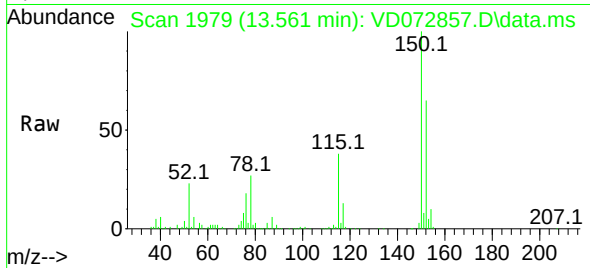




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072857.D
 Acq: 06 May 2022 17:54

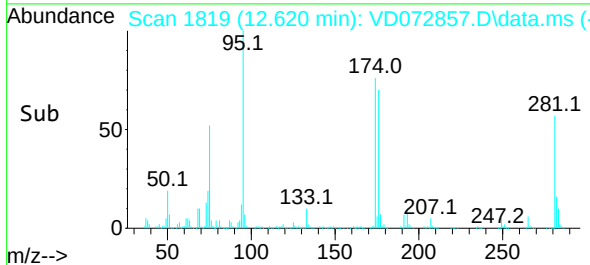
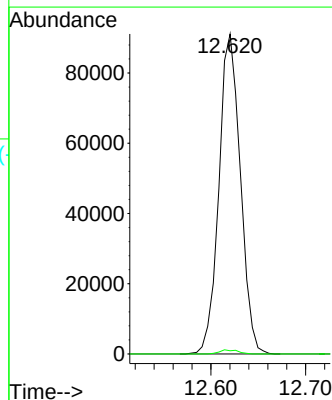
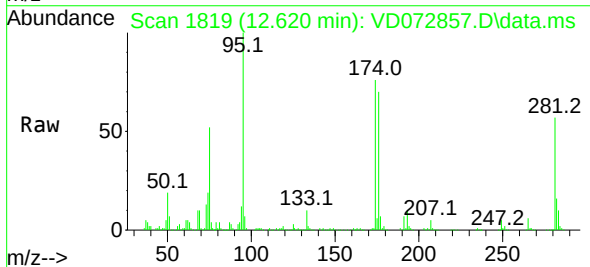
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10,14

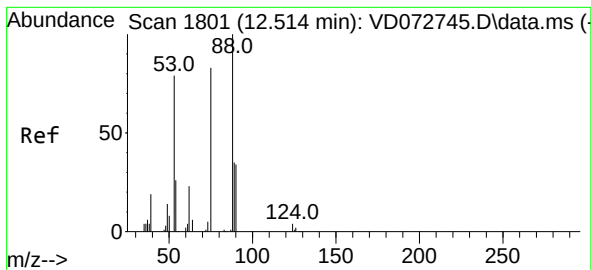
Tgt Ion:152 Resp: 261989
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.3 93.8
 150 157.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.118 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072857.D
 Acq: 06 May 2022 17:54

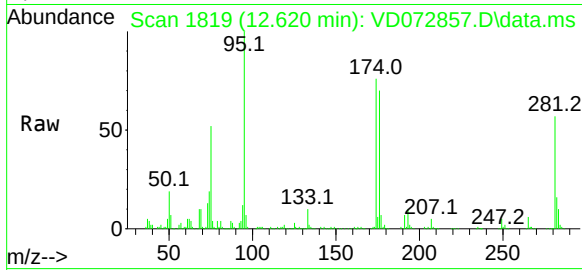
Tgt Ion: 75 Resp: 143492
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.952 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072857.D
 Acq: 06 May 2022 17:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10,14



Tgt Ion: 75 Resp: 143492
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 1.4 33.9 50.9#

