

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071855.D
 Acq On : 31 Jan 2022 19:50
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 01 04:05:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

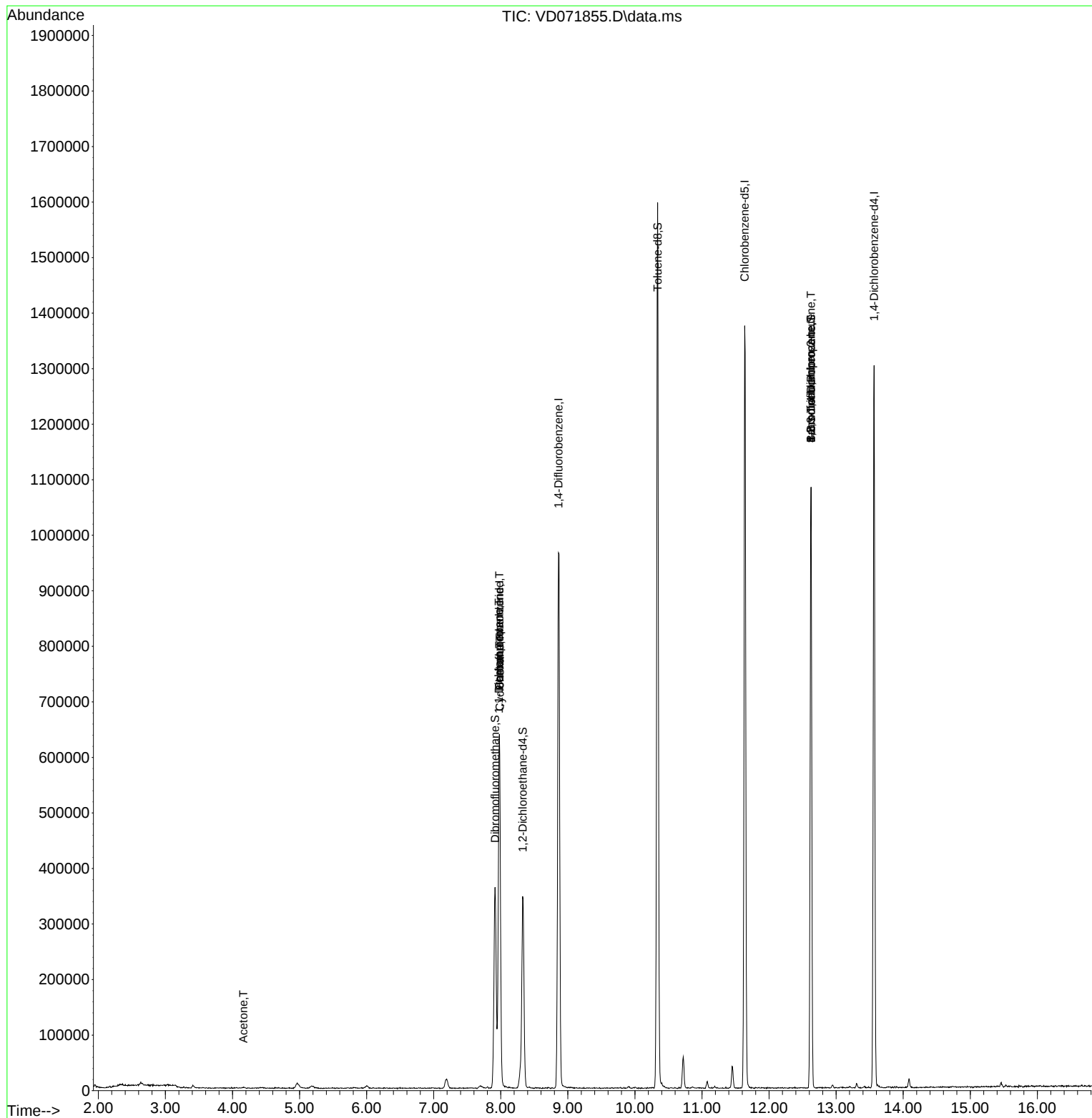
Internal Standards						
1) Pentafluorobenzene	7.979	168	440987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	799320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	749291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	274865	49.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.914	113	260490	49.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.160%
50) Toluene-d8	10.337	98	1021030	52.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.626	95	323276	47.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	3865	Below Cal	#	74
16) Acetone	4.161	43	2197	1.440	ug/l #	81
20) Methylene Chloride	4.967	84	5893	Below Cal	#	88
31) Cyclohexane	7.985	56	11471	1.078	ug/l #	18
36) 1,1-Dichloropropene	7.973	75	40837	4.528	ug/l #	51
38) Carbon Tetrachloride	7.979	117	48011	5.384	ug/l #	16
71) Bromoform	12.626	173	4523	1.469	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	184082	55.036	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	184082	135.321	ug/l #	7

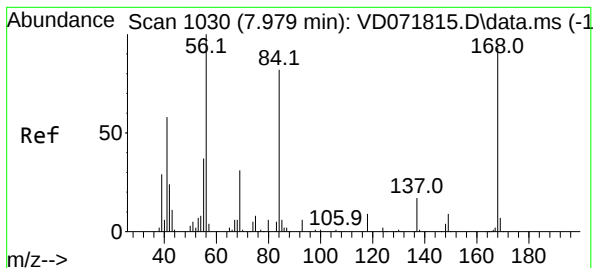
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

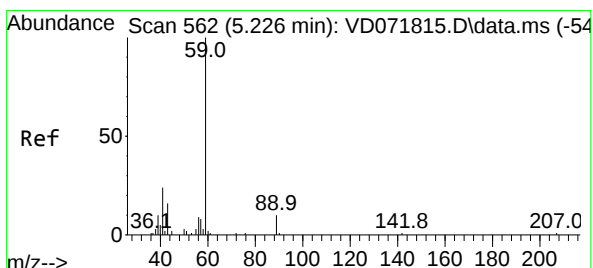
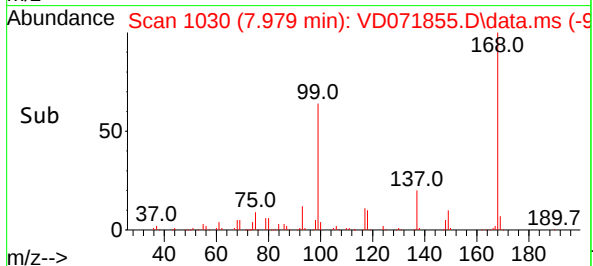
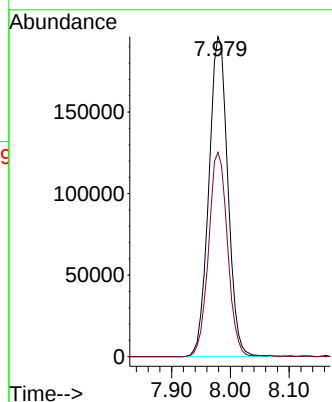
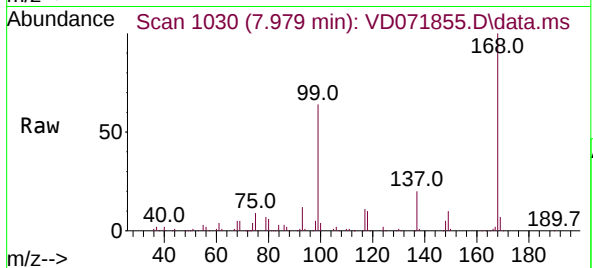




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

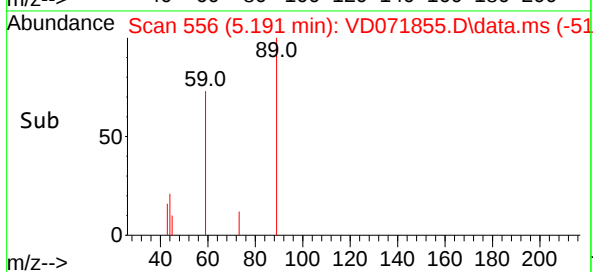
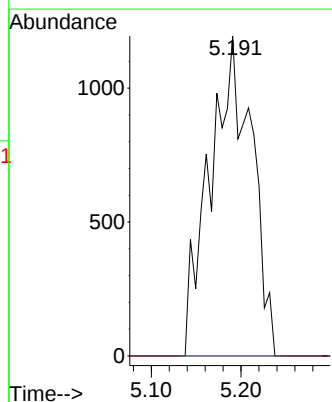
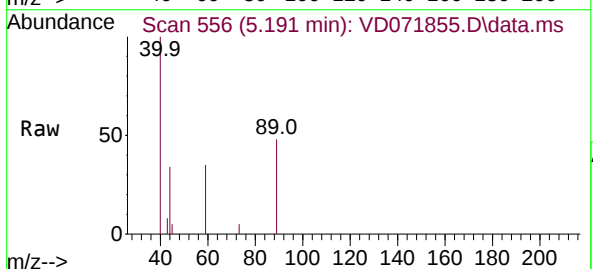
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

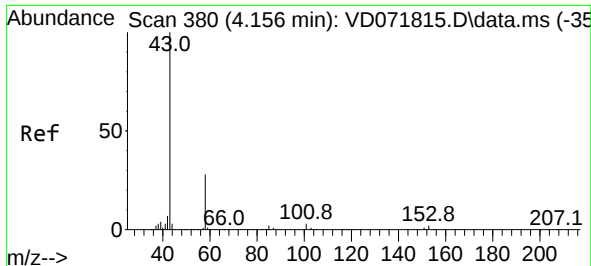
Tgt Ion:168 Resp: 440987
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.030 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 59 Resp: 3865
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

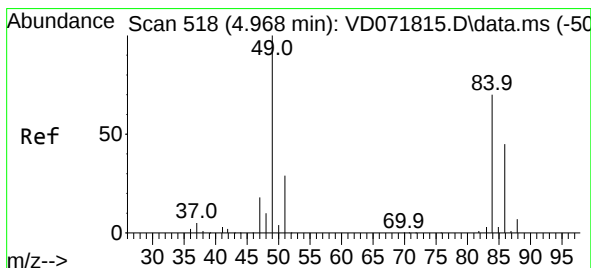
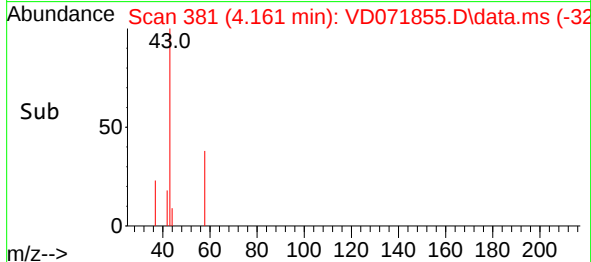
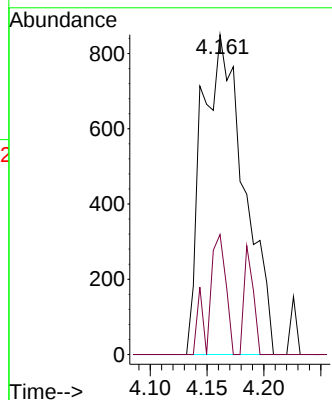
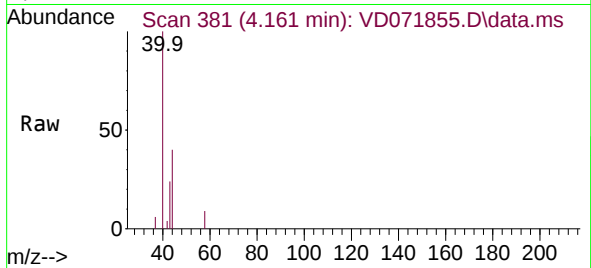




#16
Acetone
Concen: 1.440 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

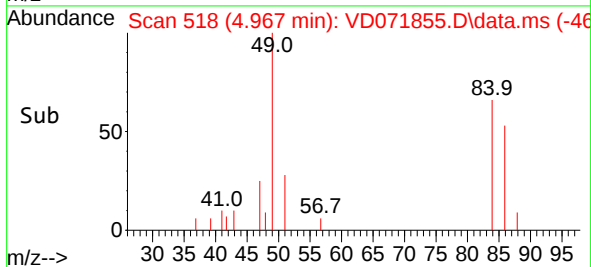
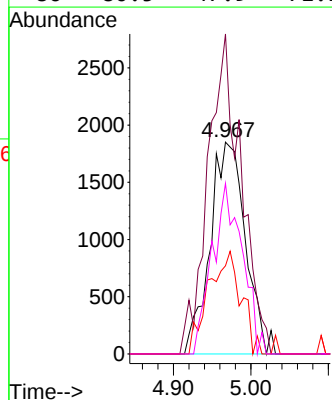
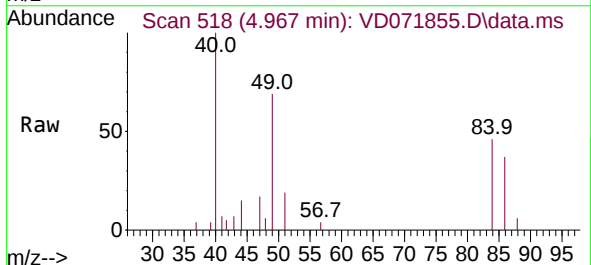
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

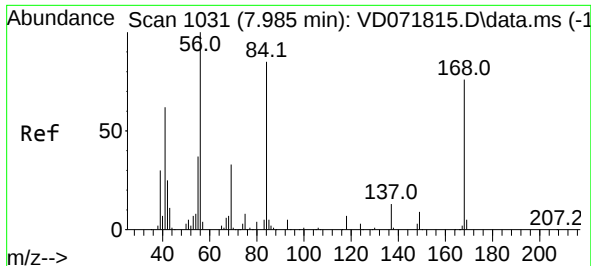
Tgt Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
58 37.5 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 84 Resp: 5893
Ion Ratio Lower Upper
84 100
49 151.0 112.8 169.2
51 41.6 32.6 48.8
86 80.5 47.9 71.9#

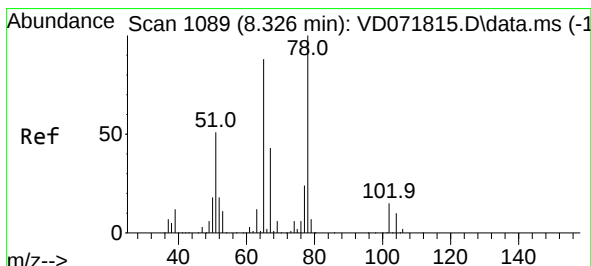
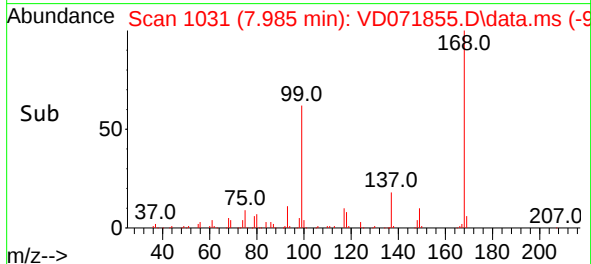
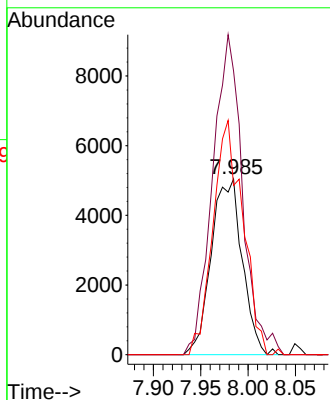
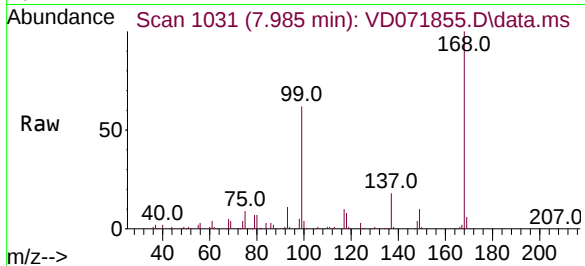




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

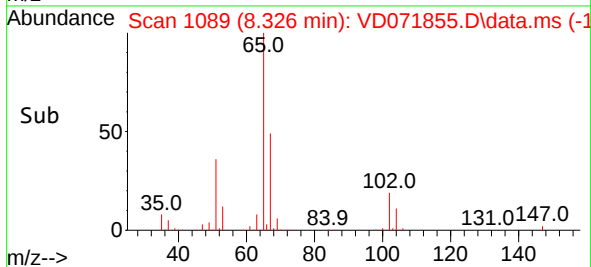
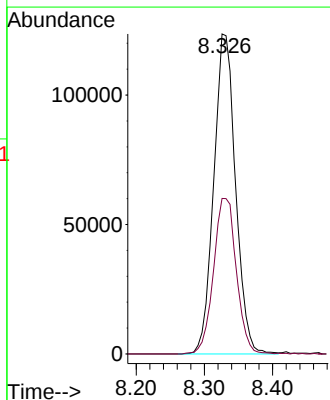
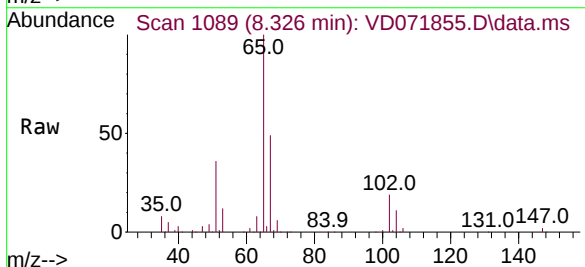
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

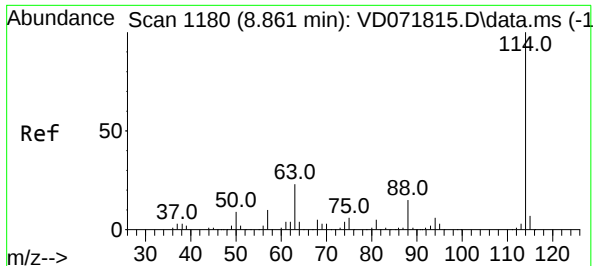
Tgt Ion: 56 Resp: 11471
Ion Ratio Lower Upper
56 100
69 161.5 25.4 38.2#
84 96.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.313 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 65 Resp: 274865
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071855.D

Acq: 31 Jan 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

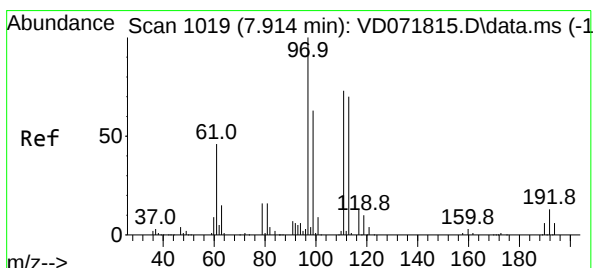
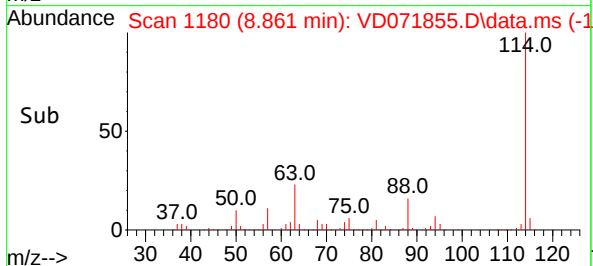
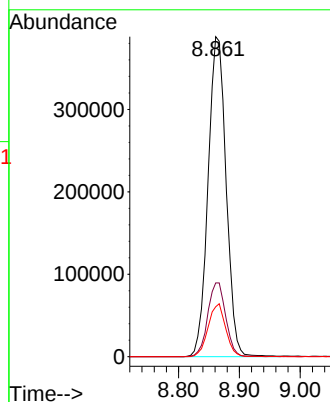
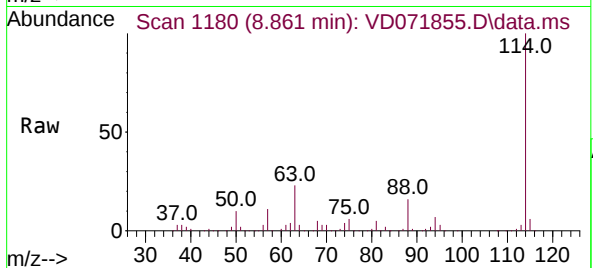
Tgt Ion:114 Resp: 799320

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.578 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071855.D

Acq: 31 Jan 2022 19:50

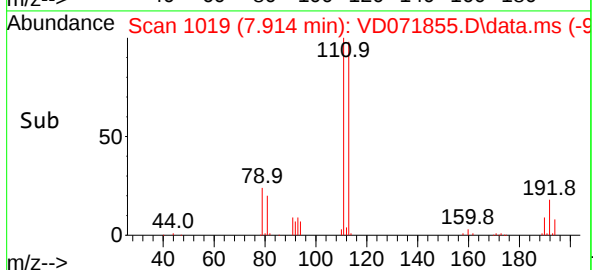
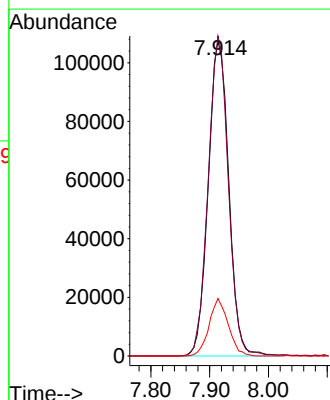
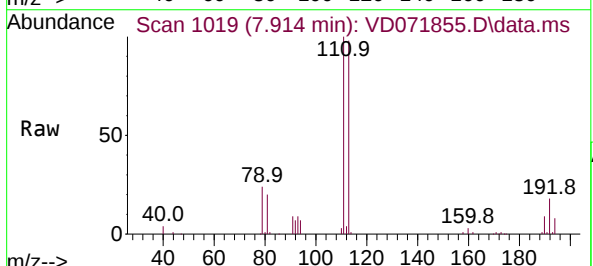
Tgt Ion:113 Resp: 260490

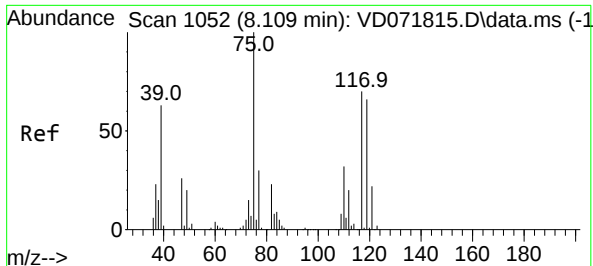
Ion Ratio Lower Upper

113 100

111 100.1 83.8 125.6

192 17.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.528 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071855.D

Acq: 31 Jan 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

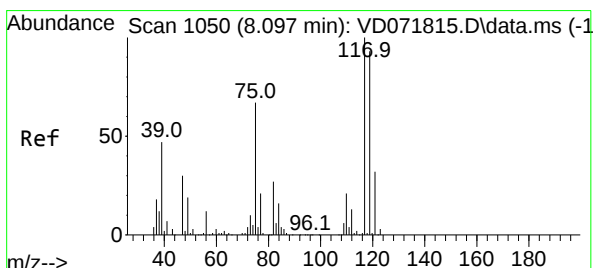
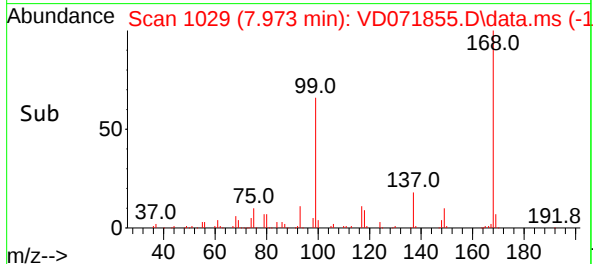
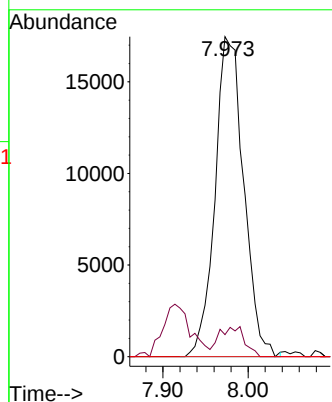
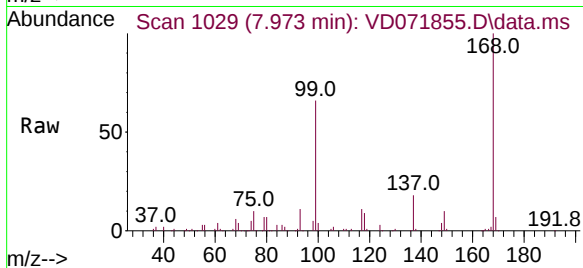
Tgt Ion: 75 Resp: 40837

Ion Ratio Lower Upper

75 100

110 8.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.384 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071855.D

Acq: 31 Jan 2022 19:50

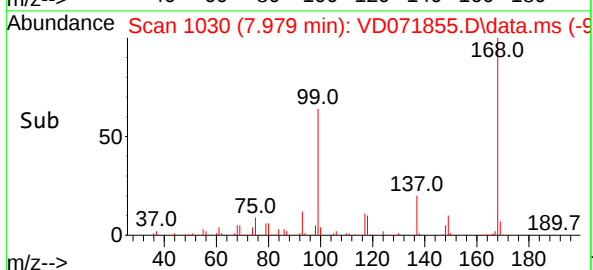
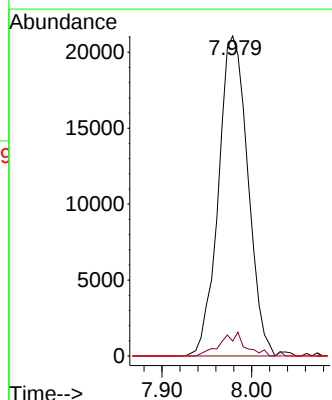
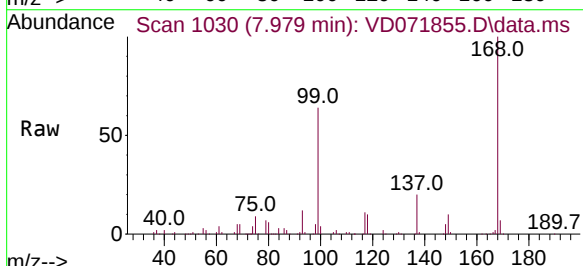
Tgt Ion: 117 Resp: 48011

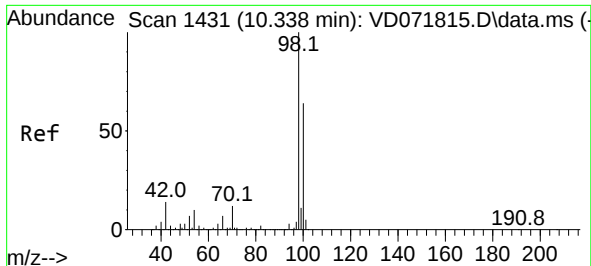
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.5 36.7#

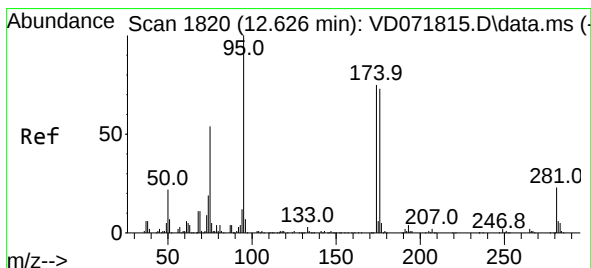
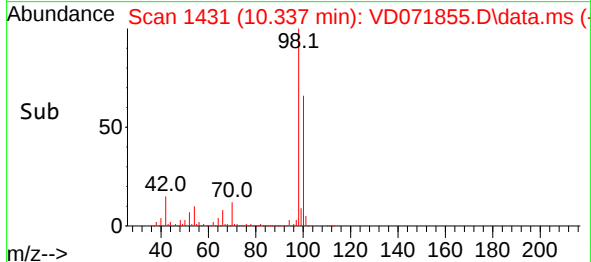
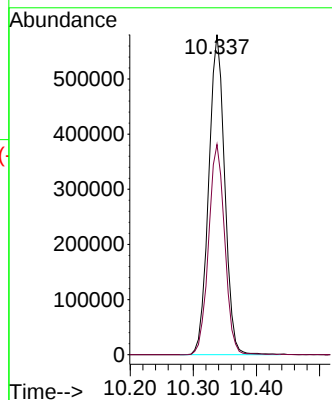
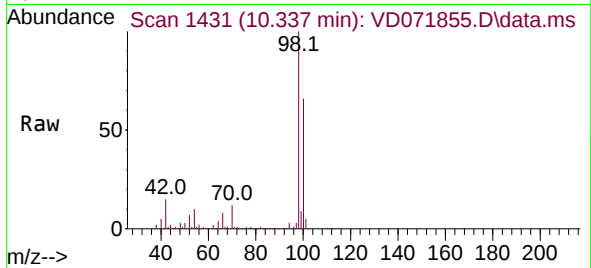




#50
Toluene-d8
Concen: 52.034 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

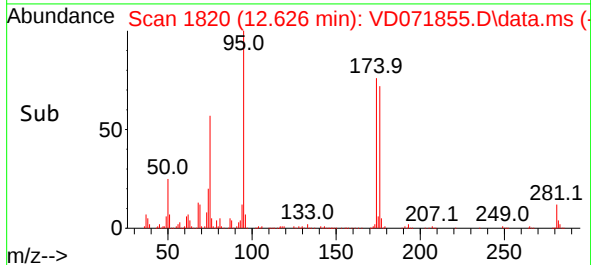
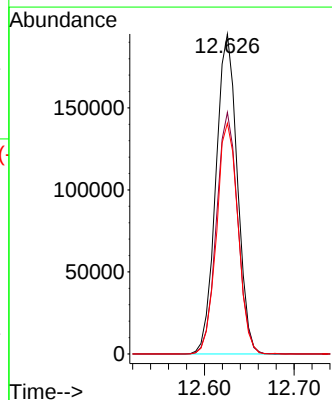
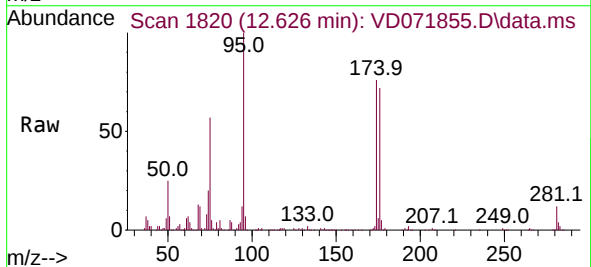
Instrument :
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VIBLK

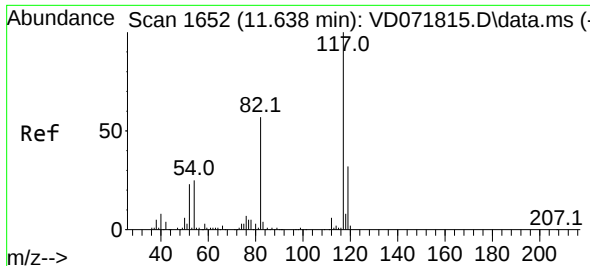
Tgt Ion: 98 Resp: 1021030
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.177 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 95 Resp: 323276
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 72.0 0.0 145.4

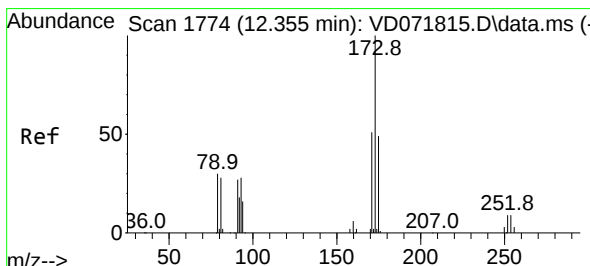
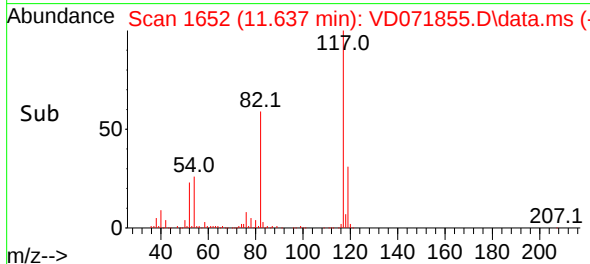
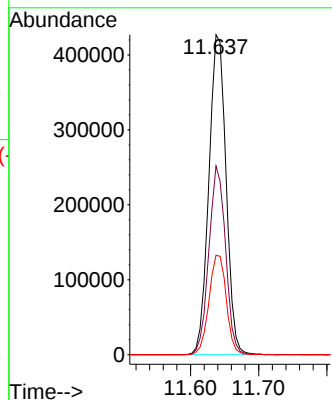
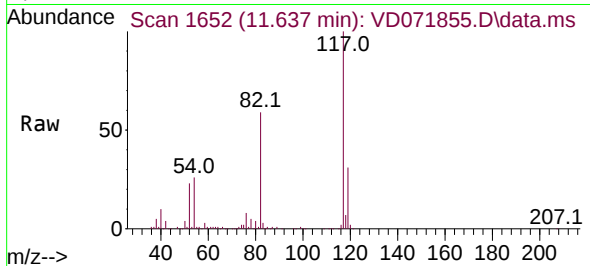




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

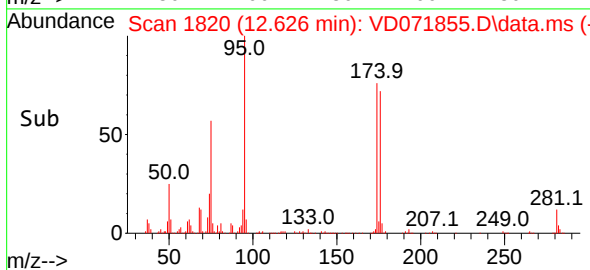
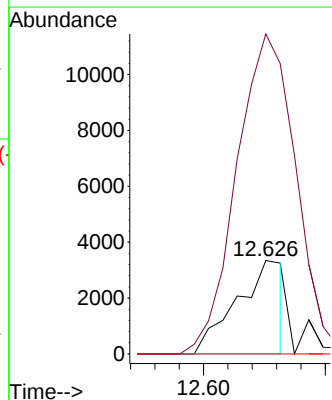
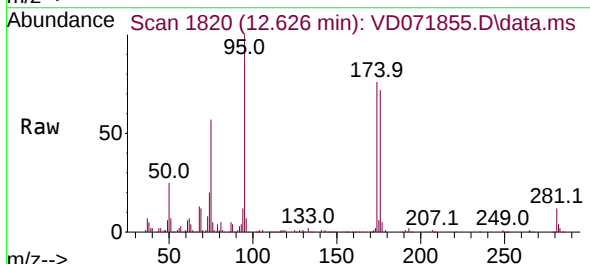
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

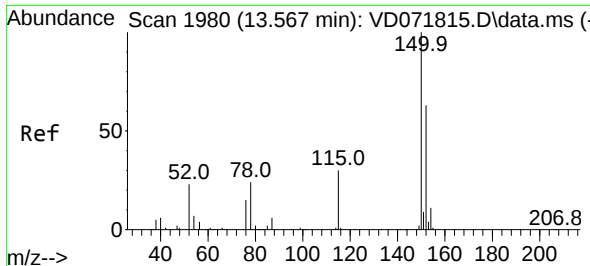
Tgt Ion:117 Resp: 749291
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 31.1 26.6 40.0



#71
Bromoform
Concen: 1.469 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion:173 Resp: 4523
Ion Ratio Lower Upper
173 100
175 336.3 23.9 71.8#
254 0.0 0.0 0.0

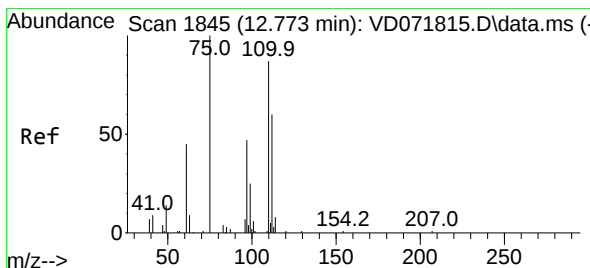
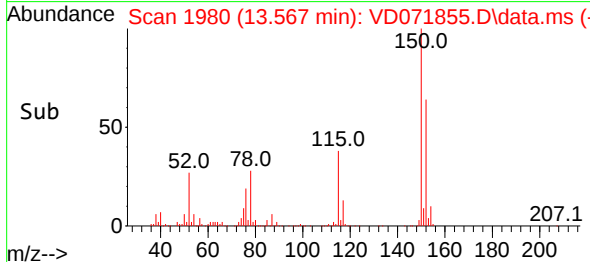
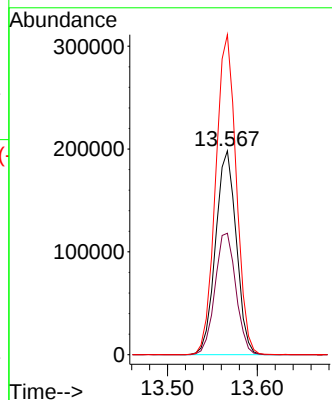
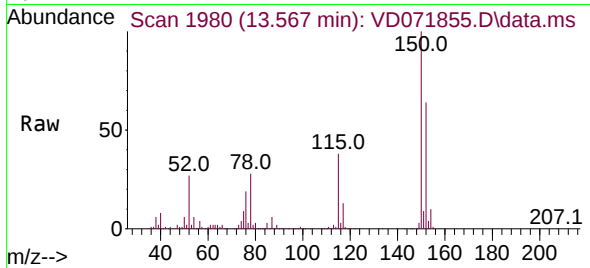




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

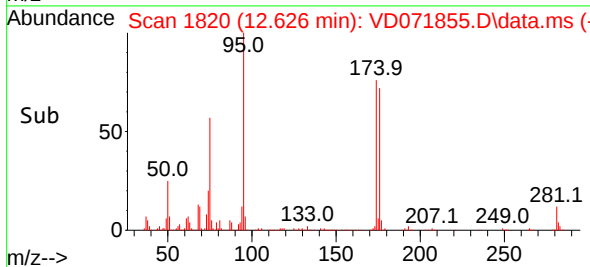
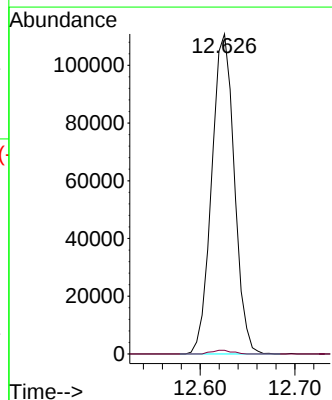
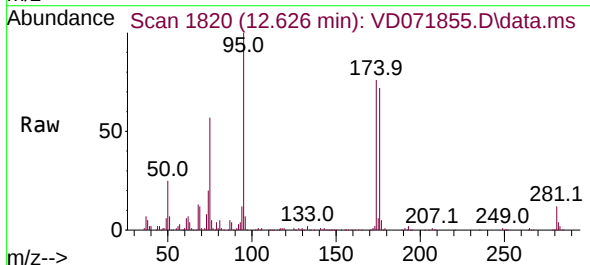
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

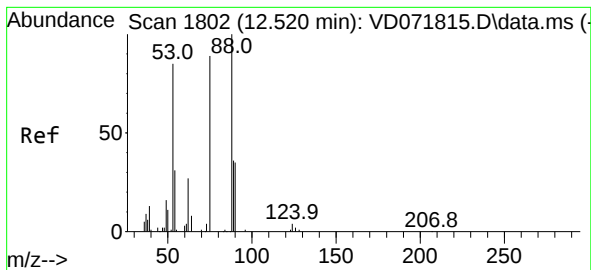
Tgt Ion:152 Resp: 317377
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 55.036 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 75 Resp: 184082
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.321 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071855.D
 Acq: 31 Jan 2022 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 184082
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

