

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073527.D
 Acq On : 10 Jun 2022 14:36
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

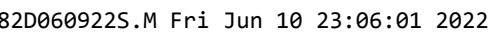
Quant Time: Jun 10 23:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

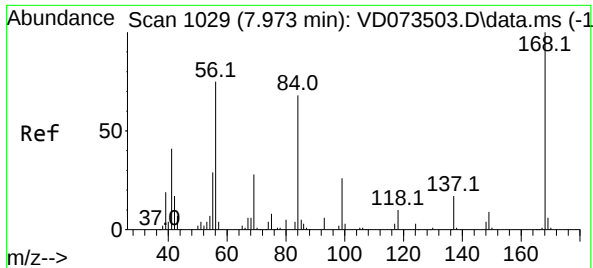
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	284567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	535617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	603992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	145559	47.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.340%		
35) Dibromofluoromethane	7.908	113	171902	49.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.820%		
50) Toluene-d8	10.332	98	667209	51.236	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.620	95	288926	61.117	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	122.240%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1626	4.597	ug/l #	54
11) Tert butyl alcohol	5.179	59	23569	Below Cal	#	75
16) Acetone	4.162	43	7510	13.967	ug/l #	57
18) Methyl Acetate	4.773	43	58	1.406	ug/l #	55
20) Methylene Chloride	4.956	84	14267	1.035	ug/l #	75
25) 2-Butanone	7.203	43	3838	4.851	ug/l	94
31) Cyclohexane	7.973	56	6672	1.297	ug/l #	1
38) Carbon Tetrachloride	7.973	117	28503	5.267	ug/l #	17
39) Methylcyclohexane	9.350	83	6215	1.031	ug/l	92
76) 1,2,3-Trichloropropane	12.620	75	145535	47.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145535	112.421	ug/l #	7
95) Naphthalene	15.379	128	31687	6.773	ug/l	98

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

Quant Time: Jun 10 23:05:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

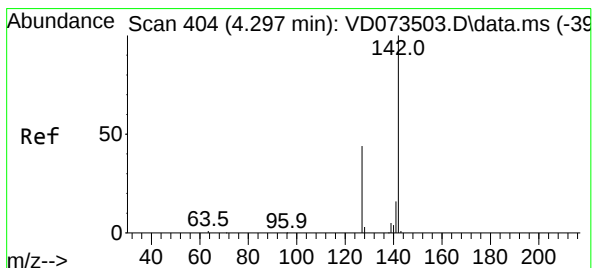
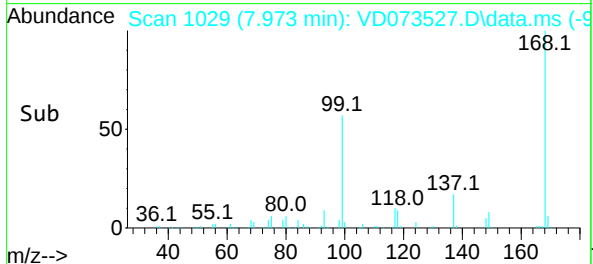
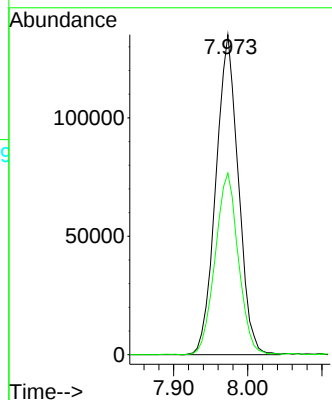
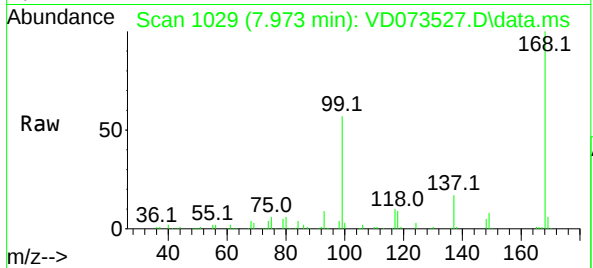




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

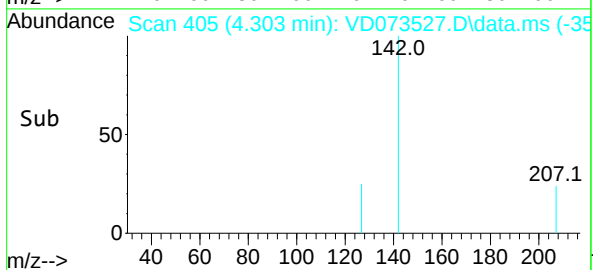
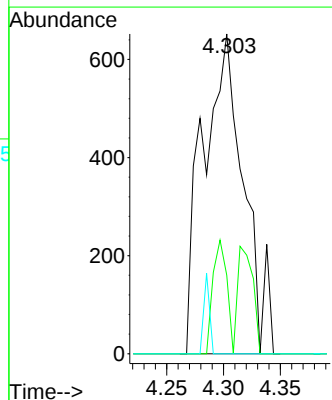
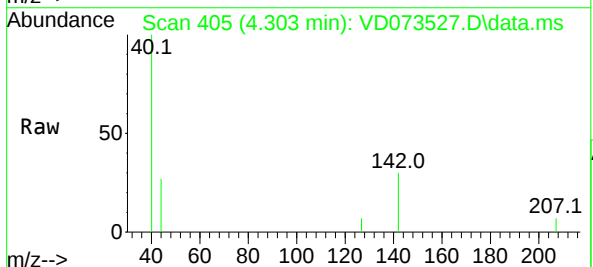
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

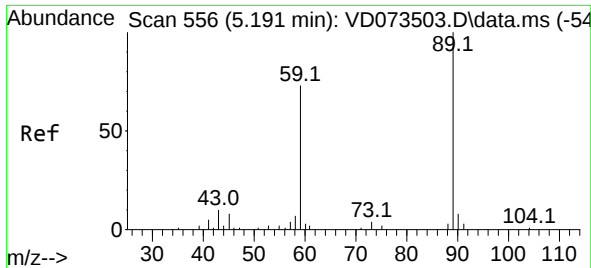
Tgt Ion:168 Resp: 284567
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#10
Methyl Iodide
Concen: 4.597 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion:142 Resp: 1626
Ion Ratio Lower Upper
142 100
127 12.1 37.3 55.9#
141 3.6 11.7 17.5#

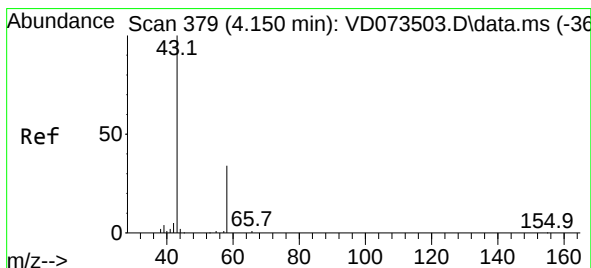
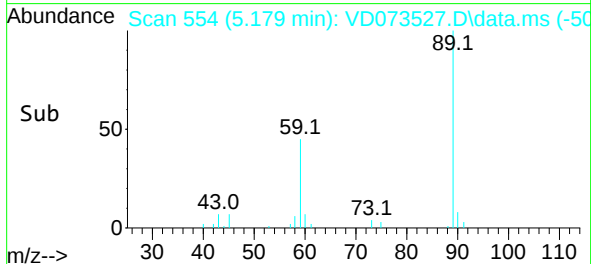
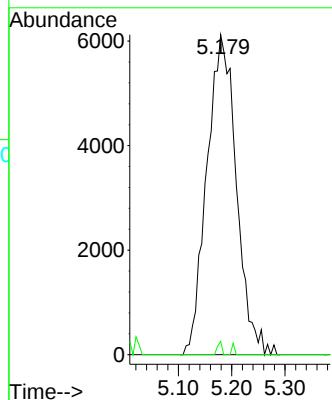
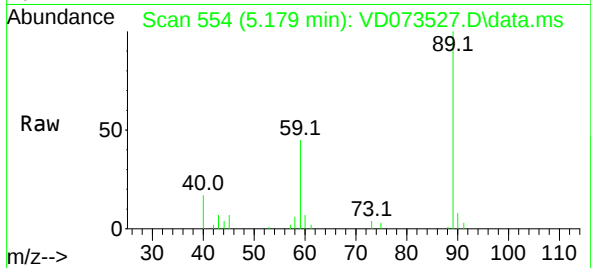




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

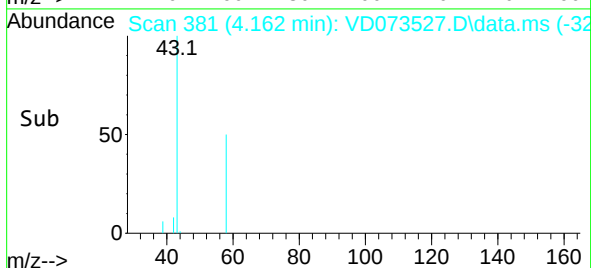
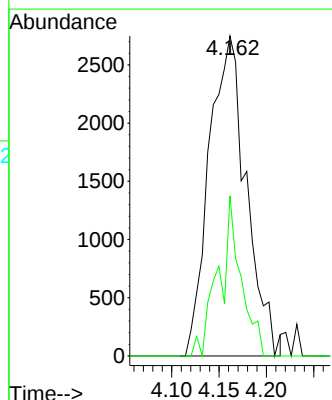
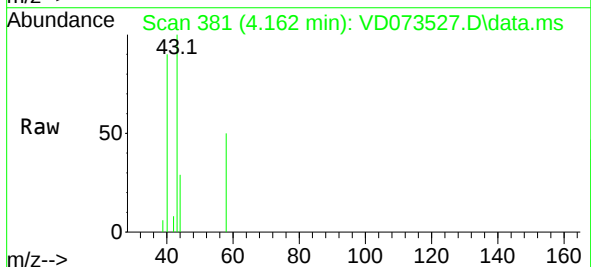
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

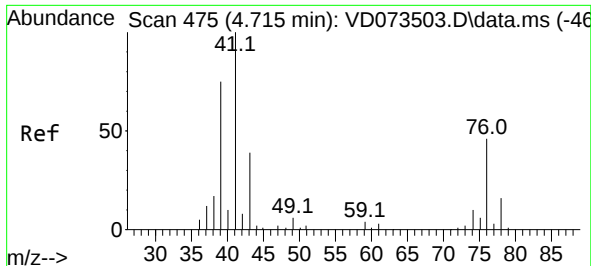
Tgt Ion: 59 Resp: 23569
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#



#16
Acetone
Concen: 13.967 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 43 Resp: 7510
Ion Ratio Lower Upper
43 100
58 50.0 22.1 33.1#

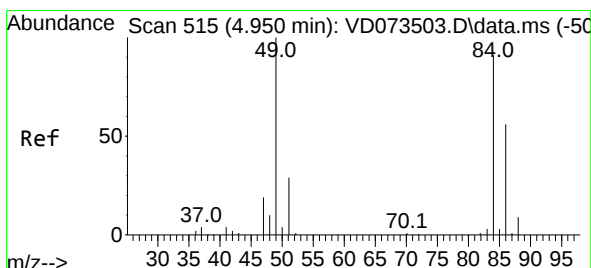
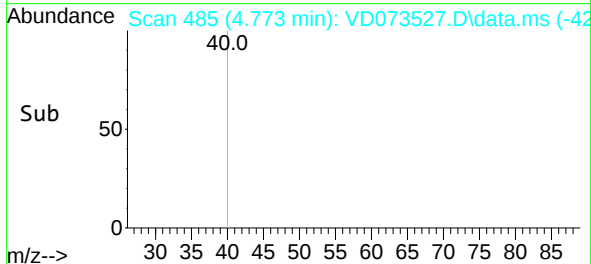
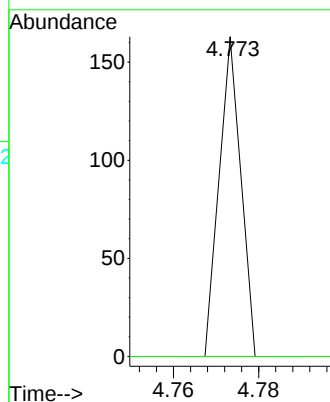
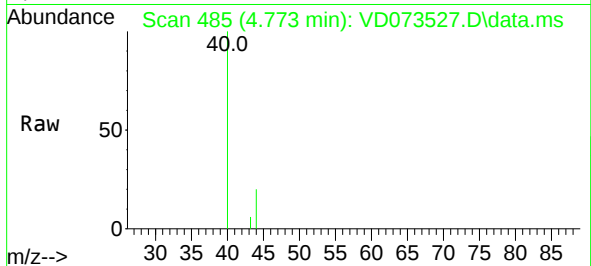




#18
Methyl Acetate
Concen: 1.406 ug/l
RT: 4.773 min Scan# 41
Delta R.T. 0.058 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

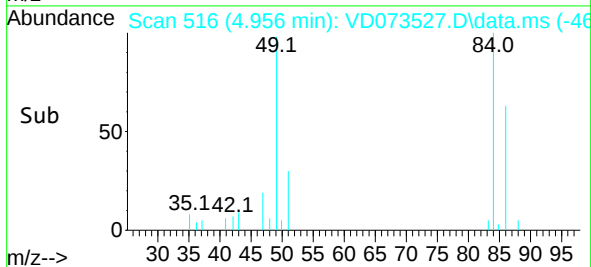
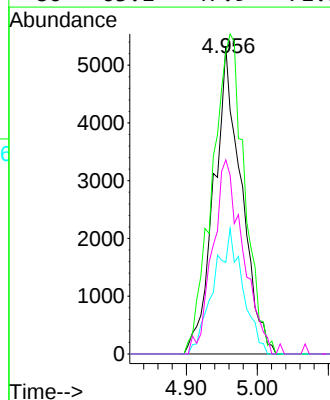
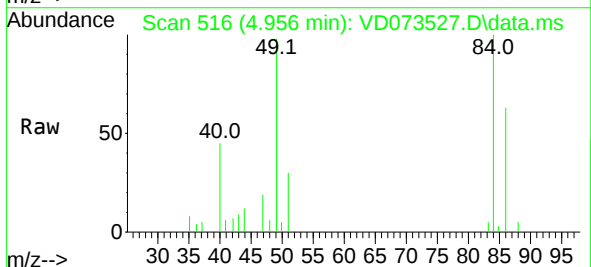
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

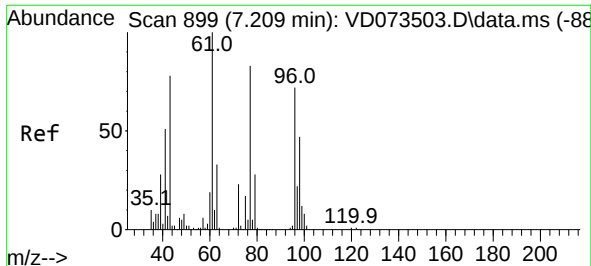
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.035 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 84 Resp: 14267
Ion Ratio Lower Upper
84 100
49 98.0 112.8 169.2#
51 29.8 32.6 48.8#
86 63.1 47.9 71.9

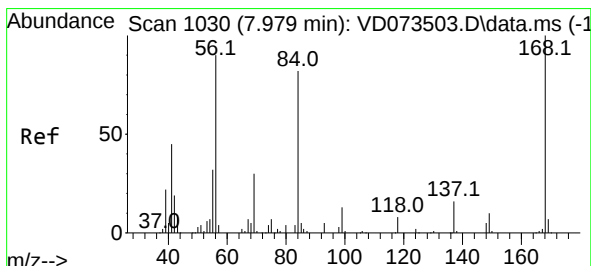
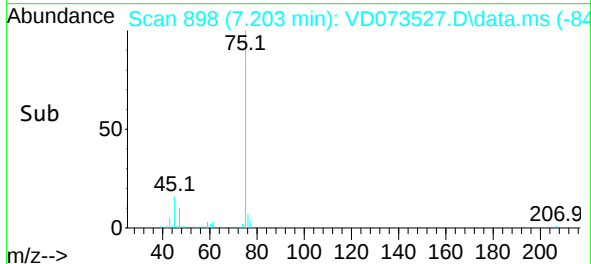
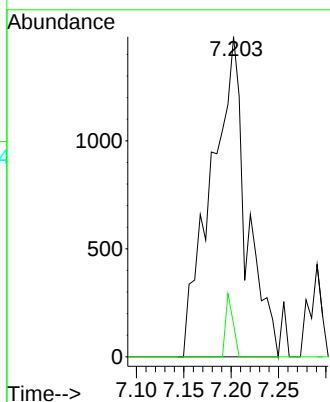
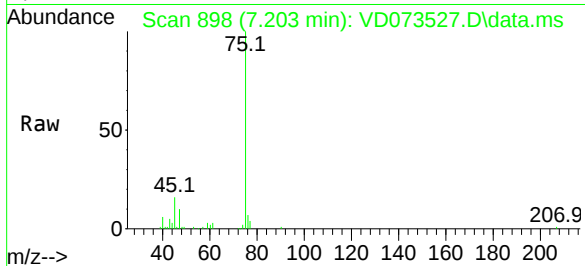




#25
2-Butanone
Concen: 4.851 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

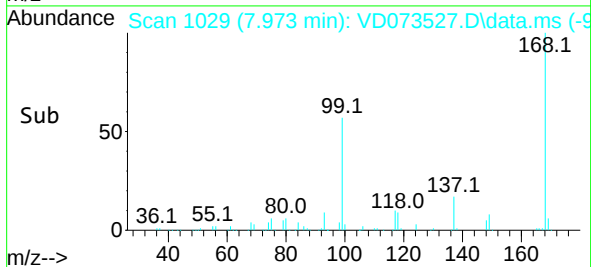
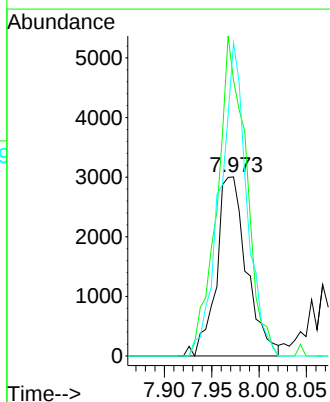
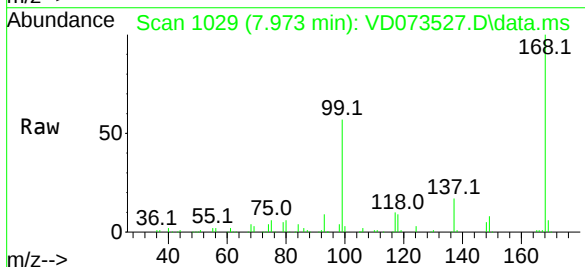
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

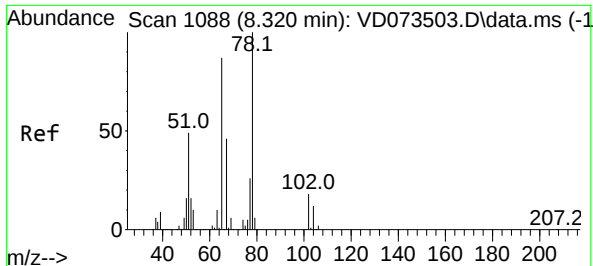
Tgt Ion: 43 Resp: 3838
Ion Ratio Lower Upper
43 100
72 20.5 18.6 27.8



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 56 Resp: 6672
Ion Ratio Lower Upper
56 100
69 153.7 25.4 38.2#
84 174.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

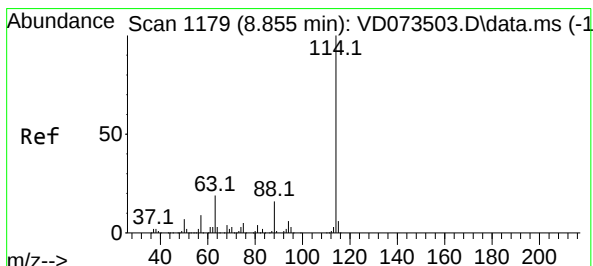
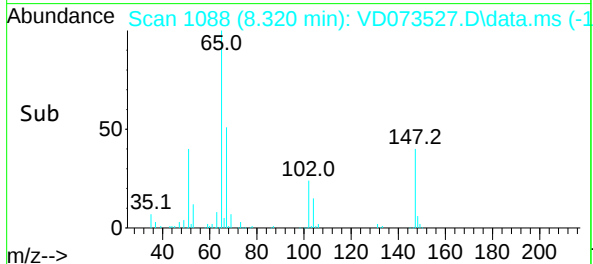
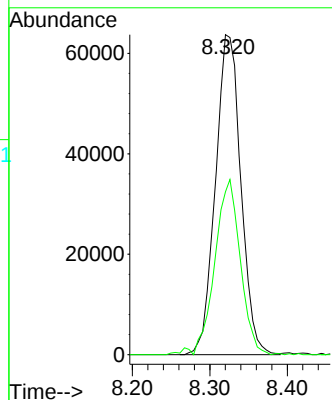
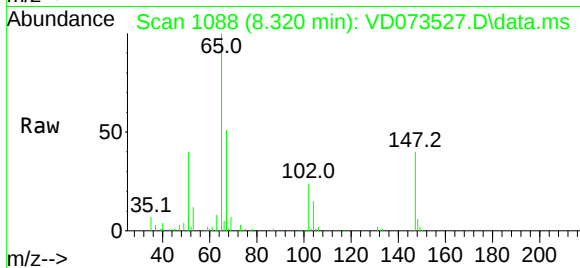
VIBLK

Tgt Ion: 65 Resp: 145559

Ion Ratio Lower Upper

65 100

67 55.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

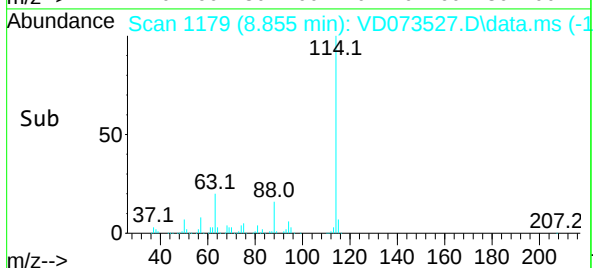
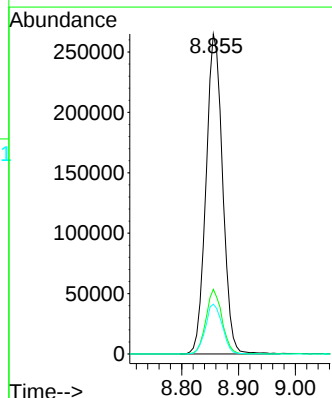
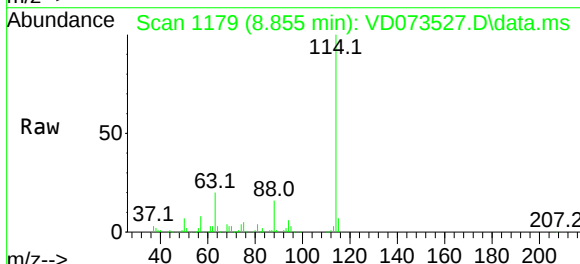
Tgt Ion: 114 Resp: 535617

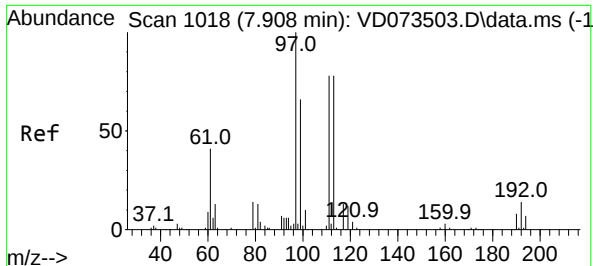
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

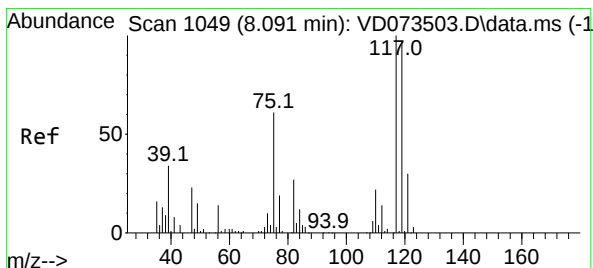
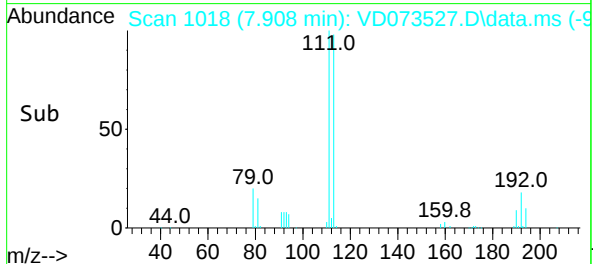
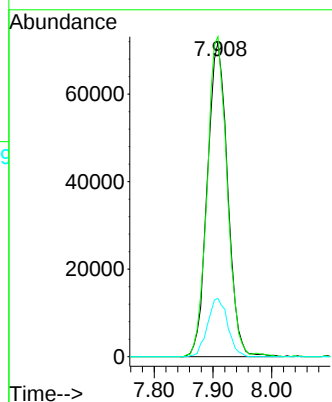
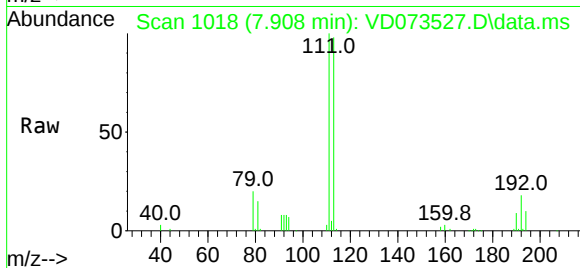
Tgt Ion:113 Resp: 171902

Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 18.4 14.6 21.8



#38

Carbon Tetrachloride

Concen: 5.267 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

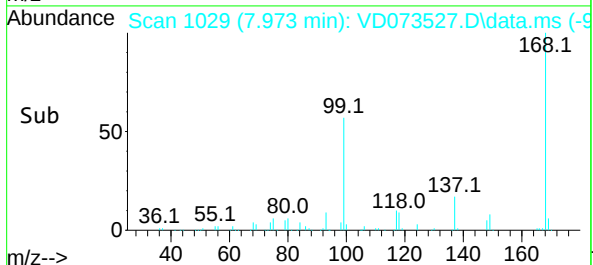
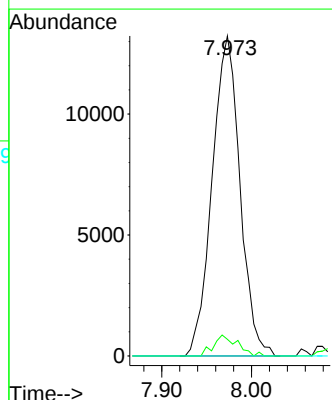
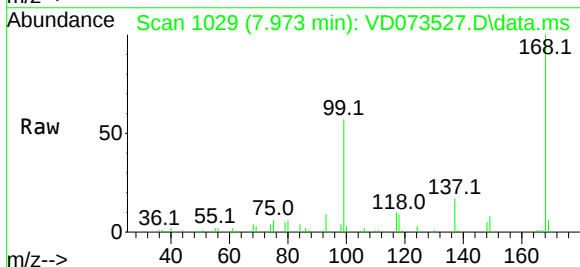
Tgt Ion:117 Resp: 28503

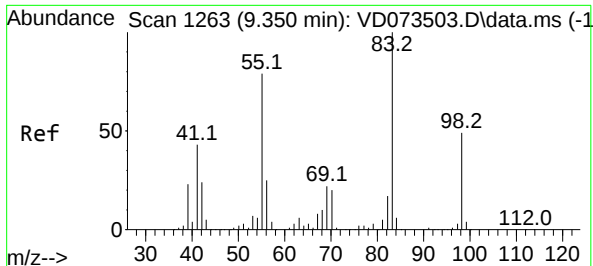
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 1.031 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

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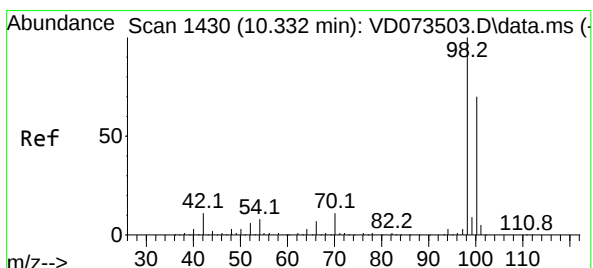
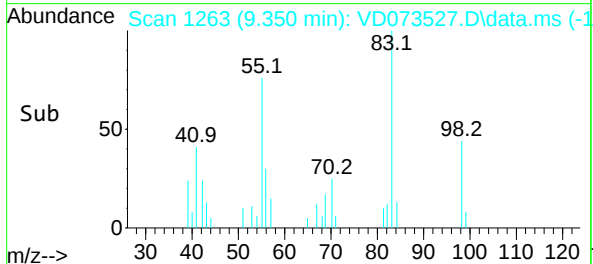
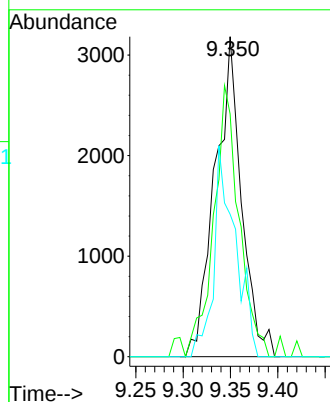
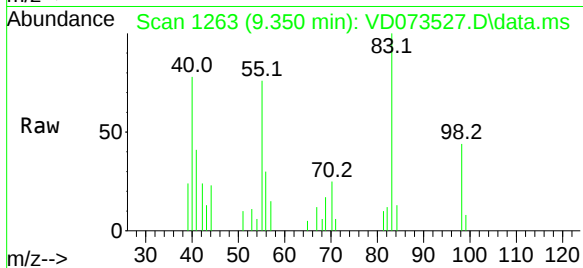
Tgt Ion: 83 Resp: 6215

Ion Ratio Lower Upper

83 100

55 69.8 63.2 94.8

98 44.5 38.2 57.4



#50

Toluene-d8

Concen: 51.236 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073527.D

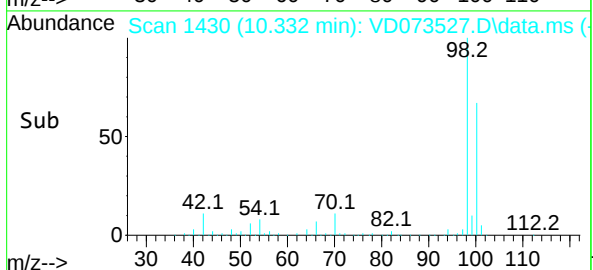
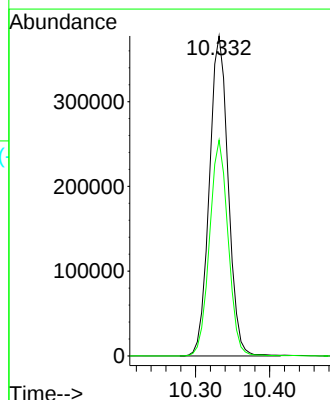
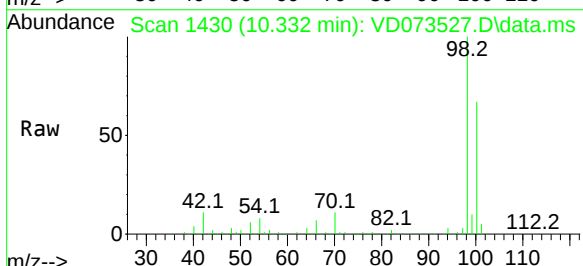
Acq: 10 Jun 2022 14:36

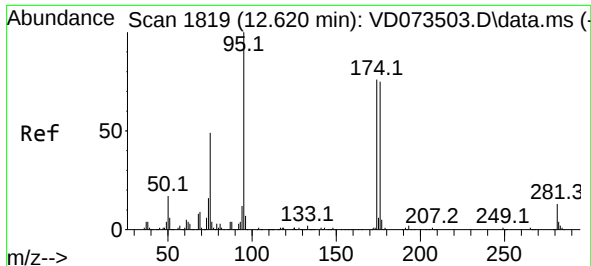
Tgt Ion: 98 Resp: 667209

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

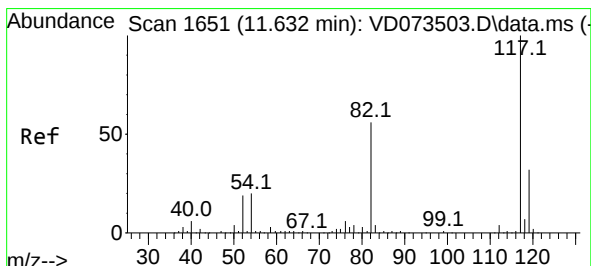
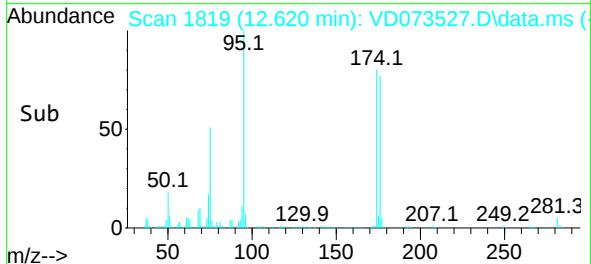
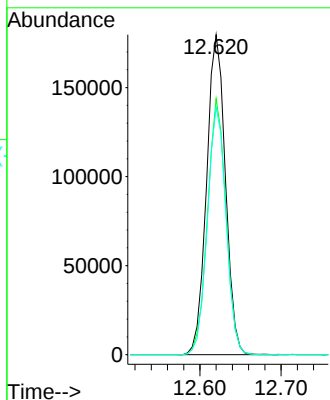
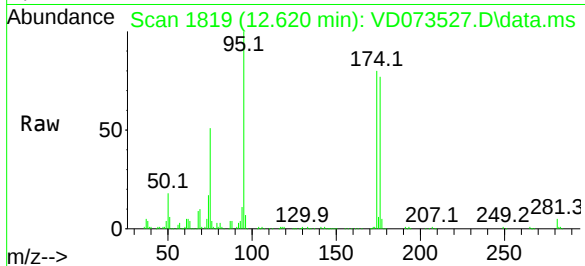




#62
4-Bromofluorobenzene
Concen: 61.117 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

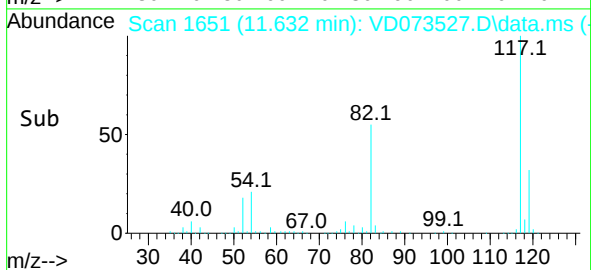
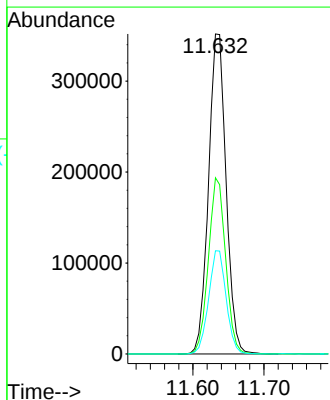
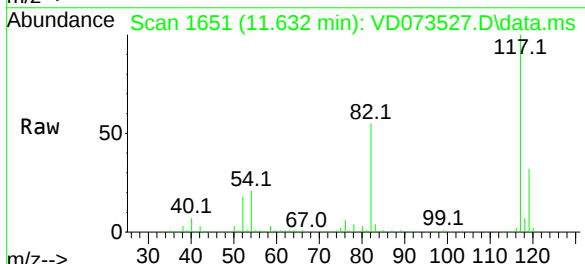
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

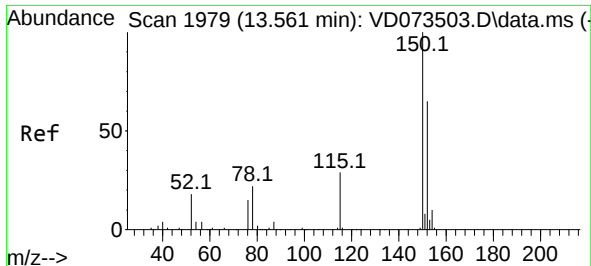
Tgt Ion: 95 Resp: 288926
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 76.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 117 Resp: 603992
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.3 26.6 40.0

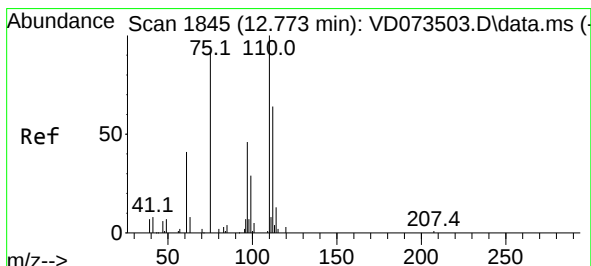
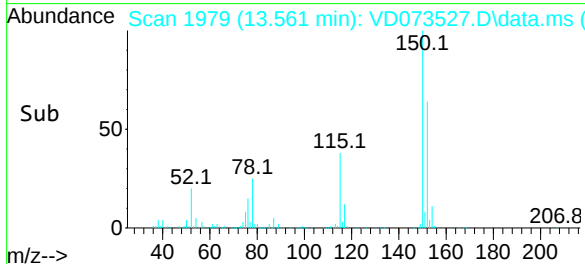
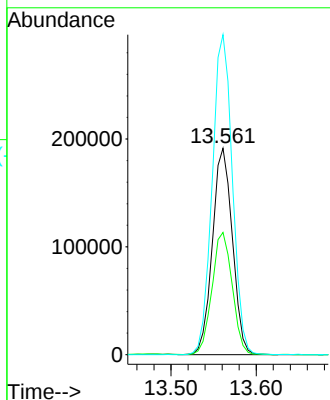
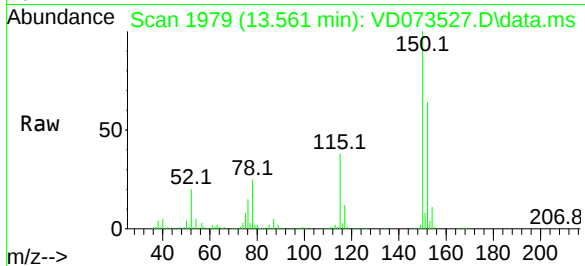




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

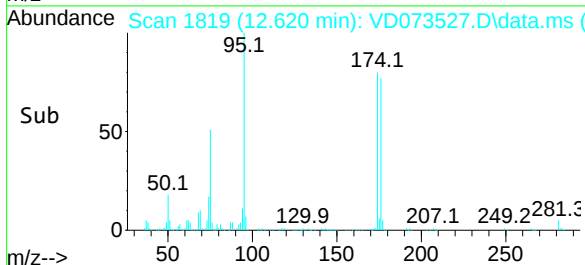
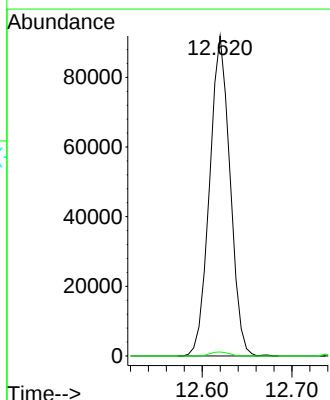
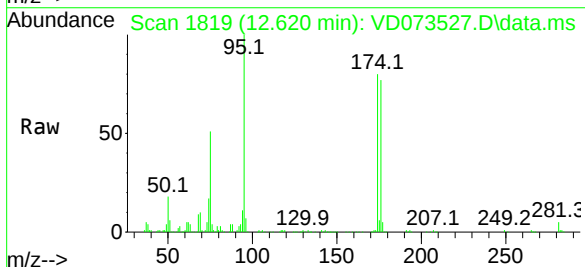
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

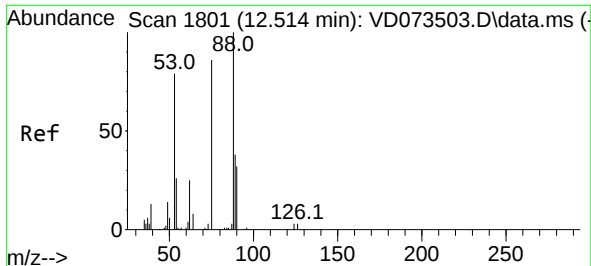
Tgt Ion:152 Resp: 312780
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 156.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.896 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 75 Resp: 145535
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

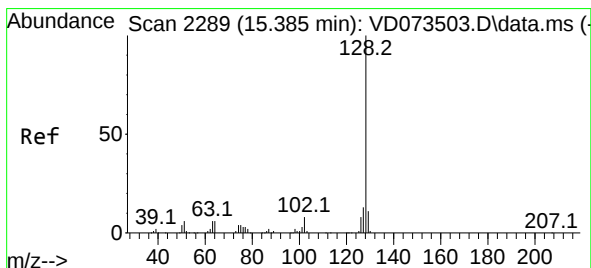
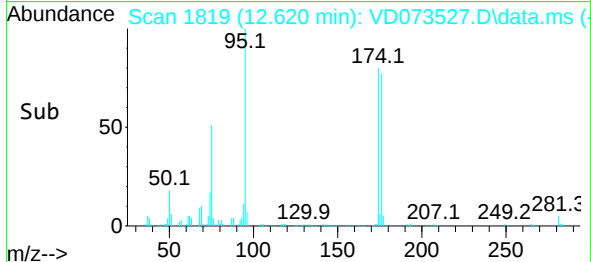
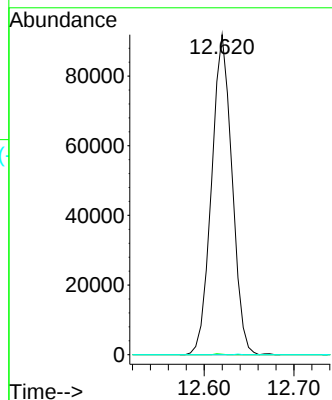
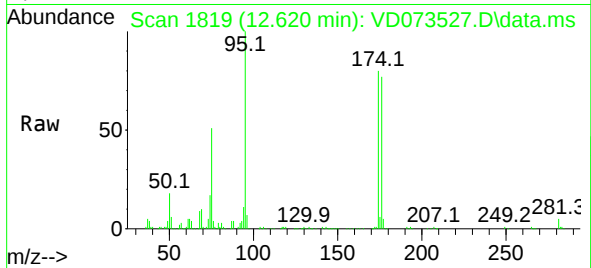




#81
trans-1,4-Dichloro-2-butene
Concen: 112.421 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 145535
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 6.773 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 128 Resp: 31687
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 10.9 8.4 12.6

