

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072110.D
 Acq On : 25 Feb 2022 19:51
 Operator : VA/SY
 Sample : N1670-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-022422

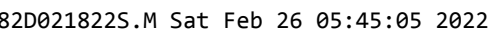
Quant Time: Feb 26 05:44:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

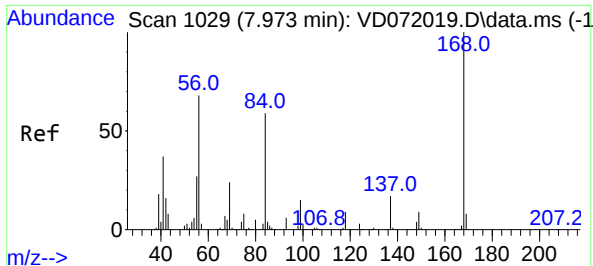
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	341938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	611943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212427	59.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.780%			
35) Dibromofluoromethane	7.914	113	200943	55.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.380%			
50) Toluene-d8	10.338	98	746878	55.314	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.620%			
62) 4-Bromofluorobenzene	12.626	95	293233	59.121	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.240%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	328	Below Cal	#	63
10) Methyl Iodide	4.291	142	246	2.984	ug/l #	40
16) Acetone	4.156	43	4785	6.242	ug/l #	67
18) Methyl Acetate	4.720	43	123	Below Cal	#	52
20) Methylene Chloride	4.967	84	6351	1.665	ug/l	96
31) Cyclohexane	7.979	56	9668	1.543	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	27142	4.921	ug/l #	51
38) Carbon Tetrachloride	7.973	117	33356	5.901	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	4171	1.652	ug/l #	1
59) 2-Hexanone	10.949	43	2005	1.165	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	148668	53.087	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	148668	132.941	ug/l #	10

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

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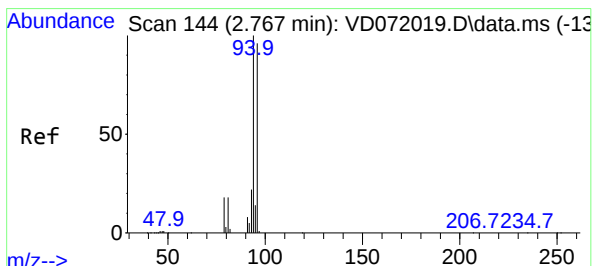
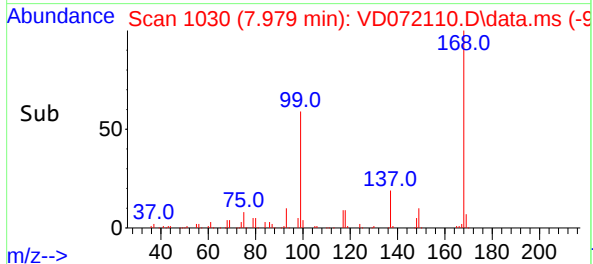
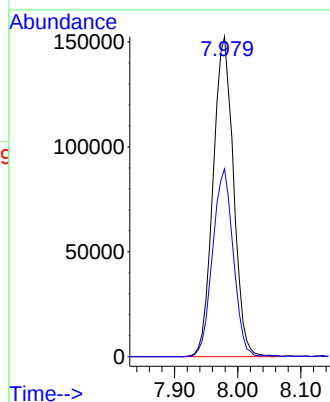
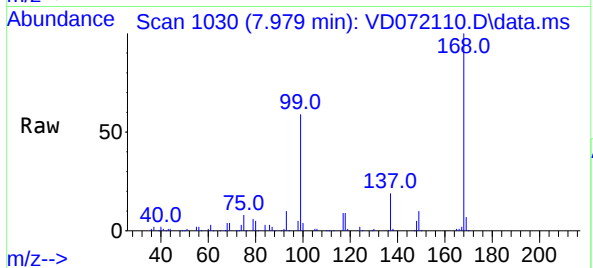




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

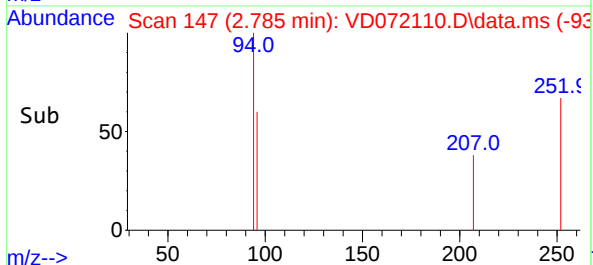
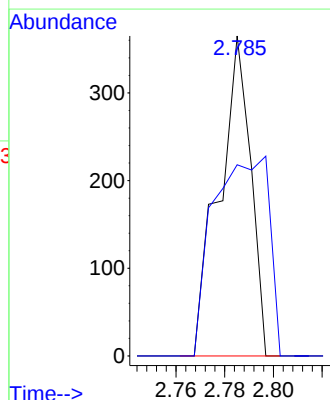
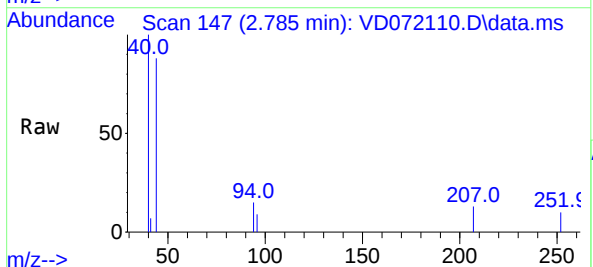
Instrument :
MSVOA_D
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OR-03-022422

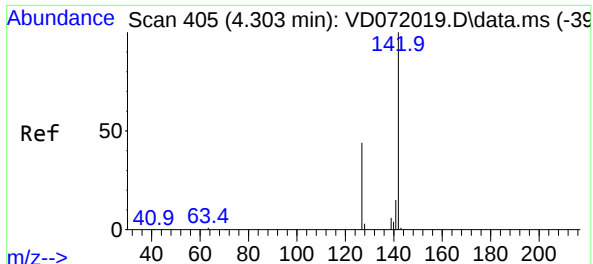
Tgt Ion:168 Resp: 341938
Ion Ratio Lower Upper
168 100
99 58.7 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 59.7 76.8 115.2#

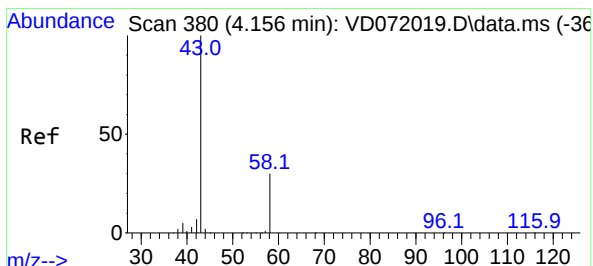
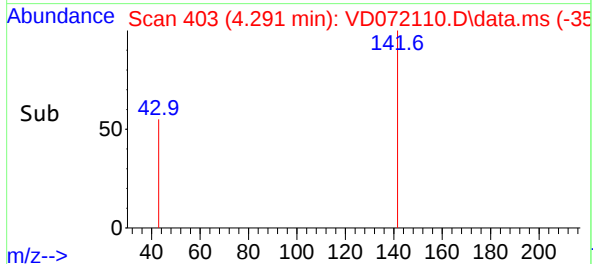
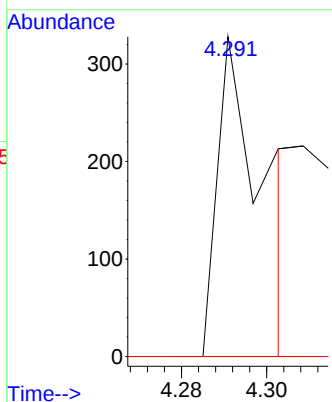
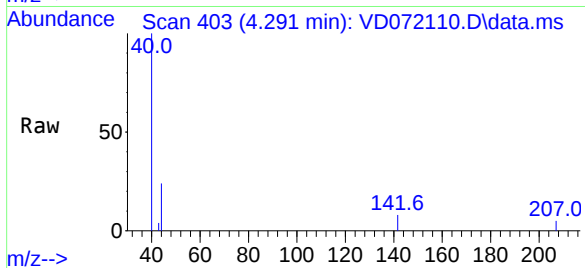




#10
Methyl Iodide
Concen: 2.984 ug/l
RT: 4.291 min Scan# 40
Delta R.T. -0.012 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

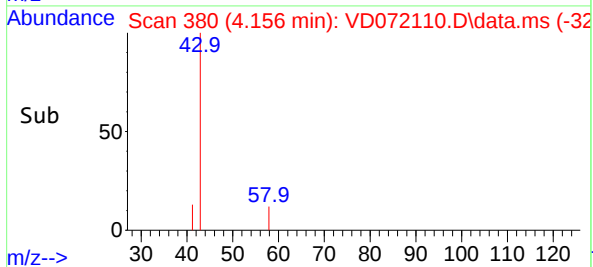
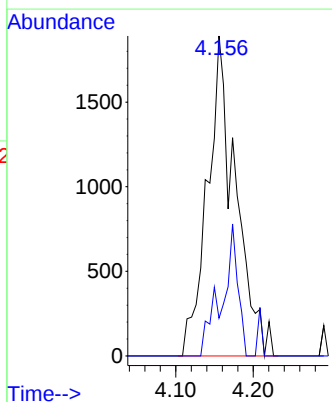
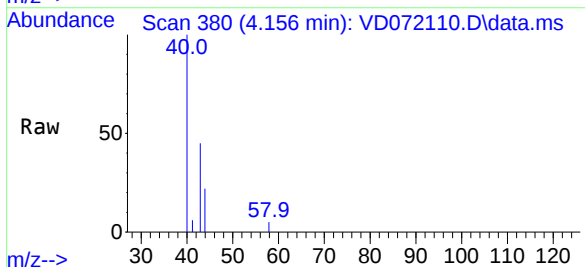
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

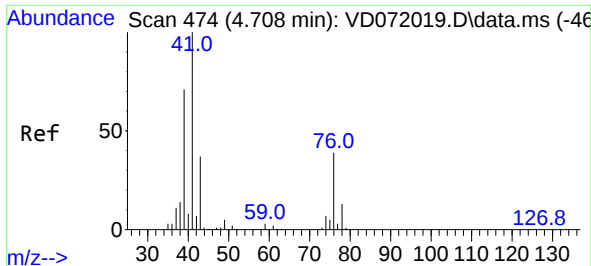
Tgt Ion:142 Resp: 246
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 6.242 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion: 43 Resp: 4785
Ion Ratio Lower Upper
43 100
58 11.8 23.8 35.6#

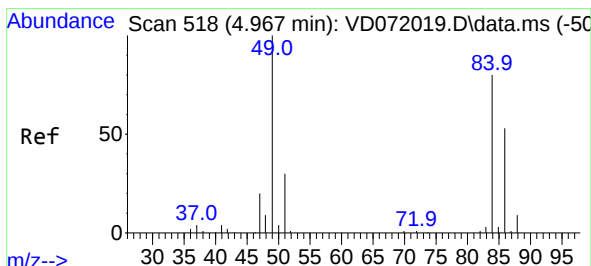
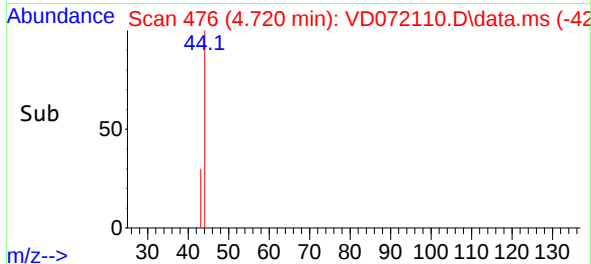
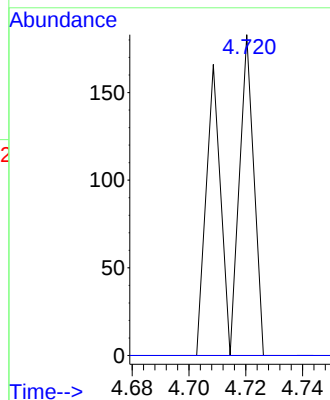
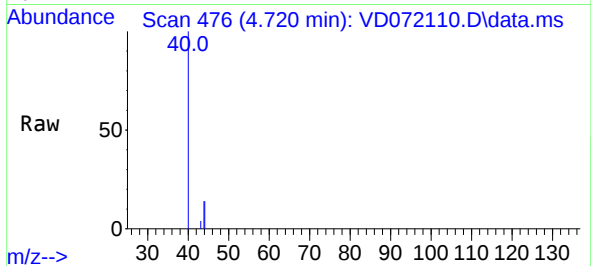




#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

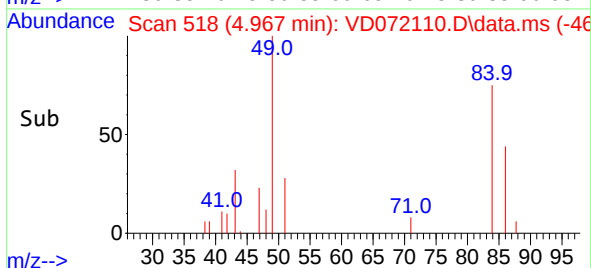
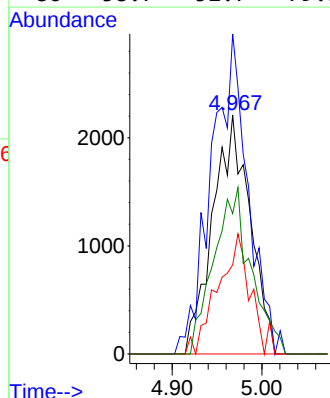
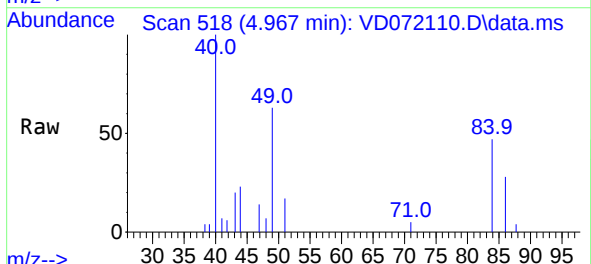
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OR-03-022422

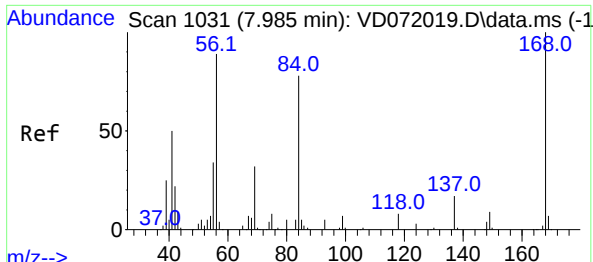
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 1.665 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

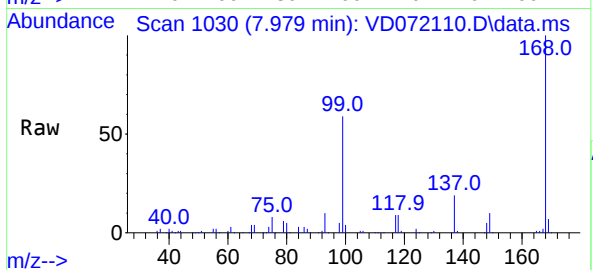
Tgt Ion: 84 Resp: 6351
Ion Ratio Lower Upper
84 100
49 126.6 100.0 150.0
51 37.3 30.2 45.4
86 58.7 52.7 79.1



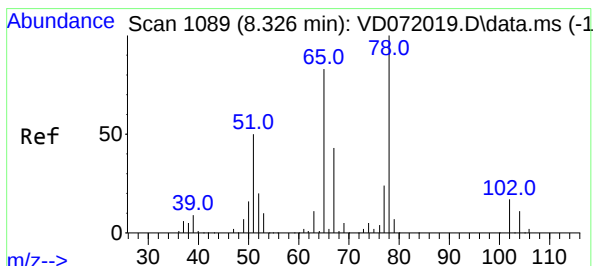
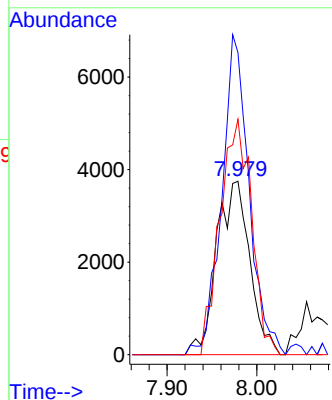
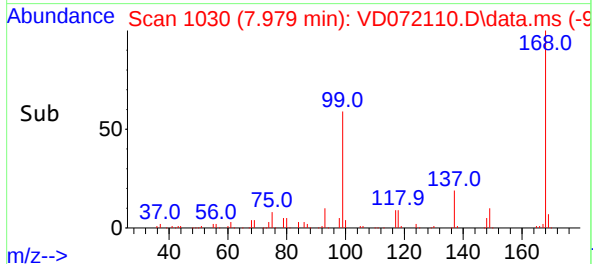


#31
Cyclohexane
Concen: 1.543 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

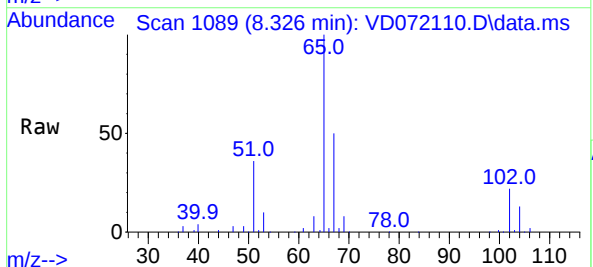
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422



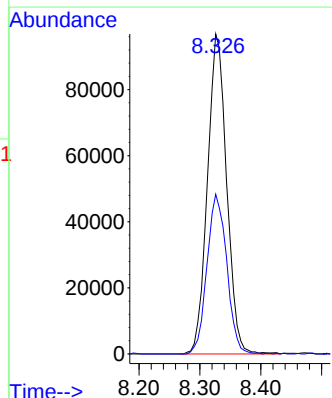
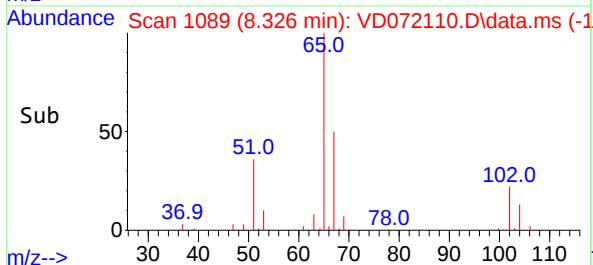
Tgt Ion: 56 Resp: 9668
Ion Ratio Lower Upper
56 100
69 174.1 28.9 43.3#
84 135.6 70.6 105.8#

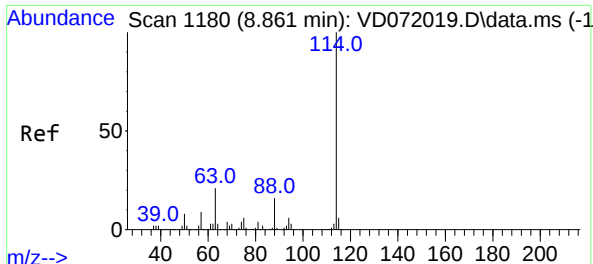


#33
1,2-Dichloroethane-d4
Concen: 59.891 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51



Tgt Ion: 65 Resp: 212427
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072110.D

Acq: 25 Feb 2022 19:51

Instrument :

MSVOA_D

ClientSampleId :

OR-03-022422

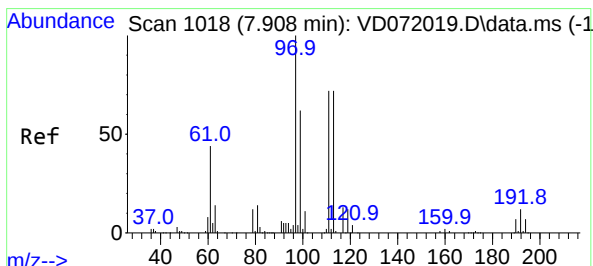
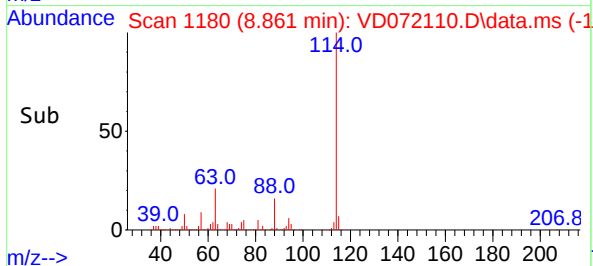
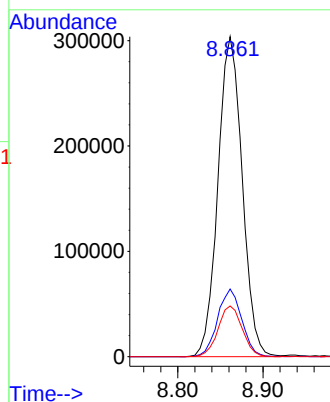
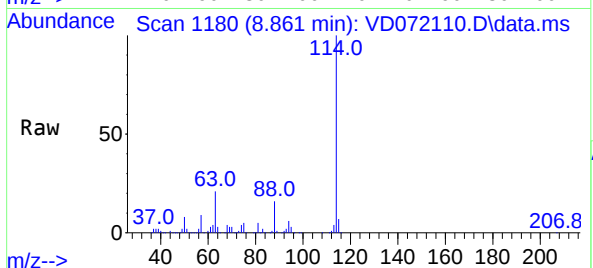
Tgt Ion:114 Resp: 600964

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 15.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 55.188 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072110.D

Acq: 25 Feb 2022 19:51

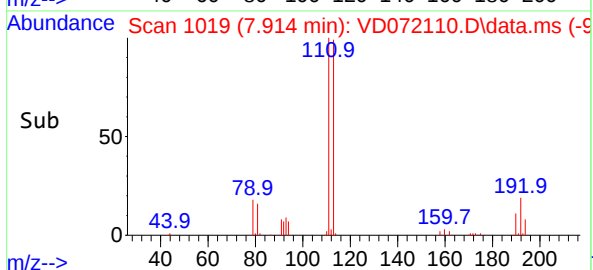
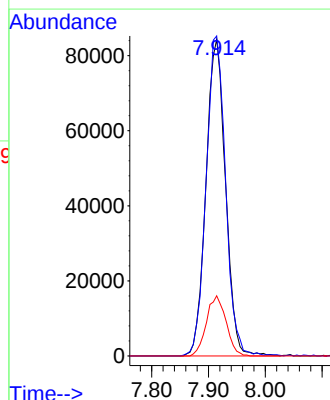
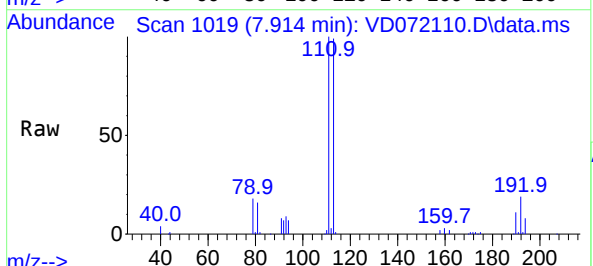
Tgt Ion:113 Resp: 200943

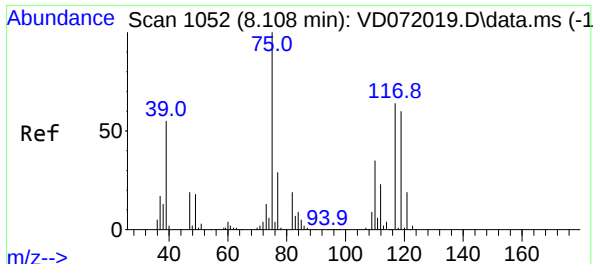
Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

192 19.1 15.3 22.9

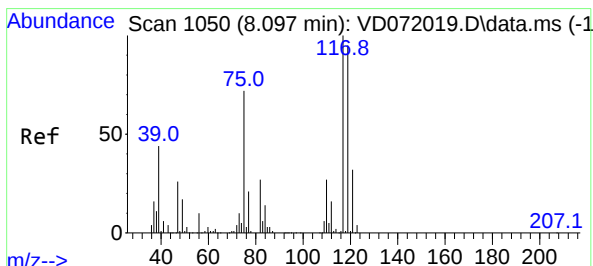
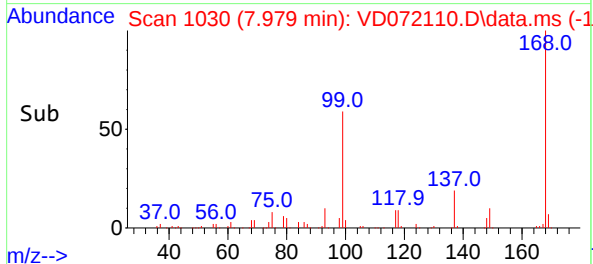
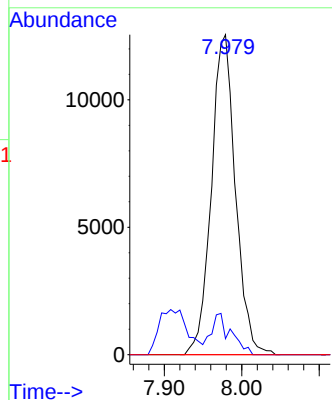
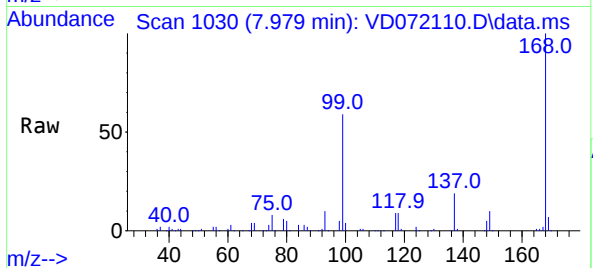




#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

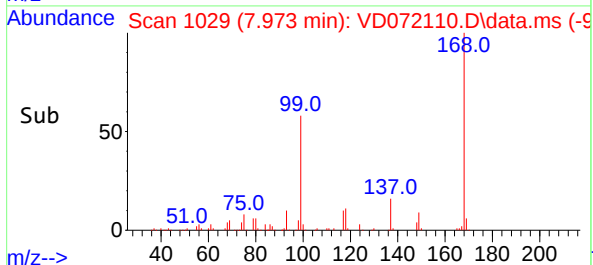
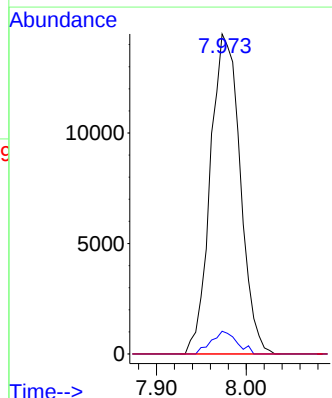
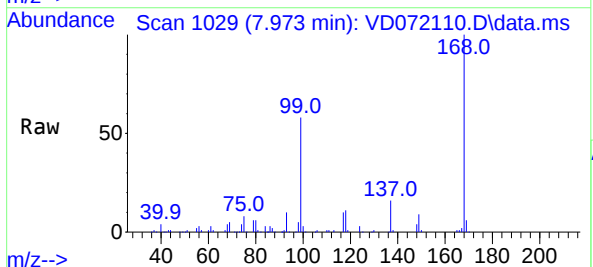
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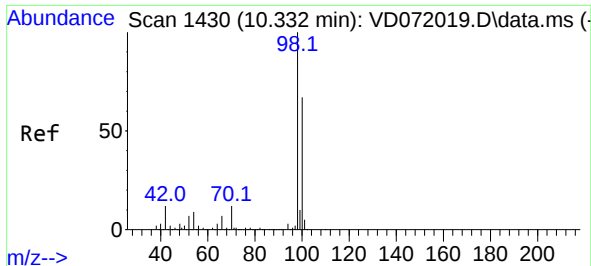
Tgt Ion: 75 Resp: 27142
Ion Ratio Lower Upper
75 100
110 10.6 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion: 117 Resp: 33356
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.8#
121 0.0 25.8 38.6#

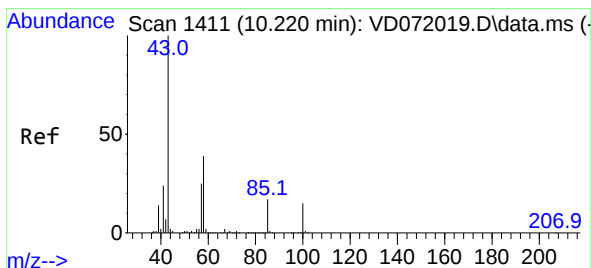
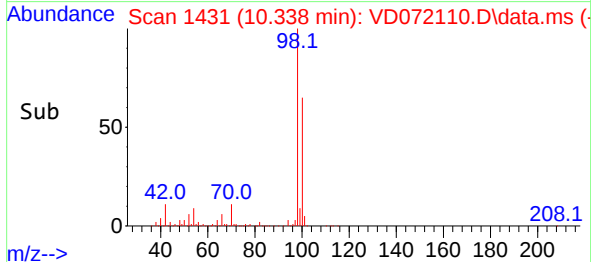
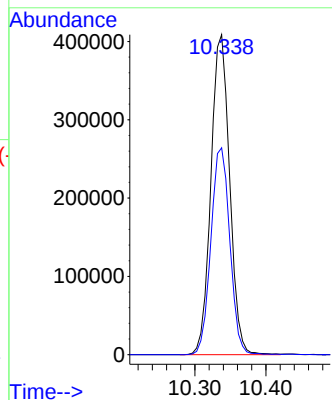
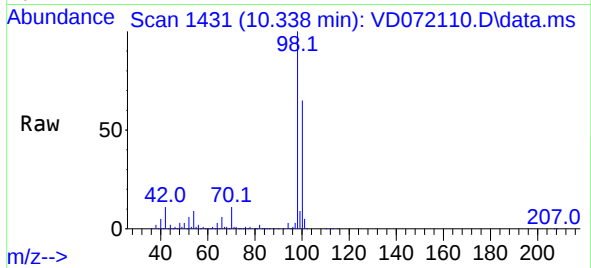




#50
Toluene-d8
Concen: 55.314 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

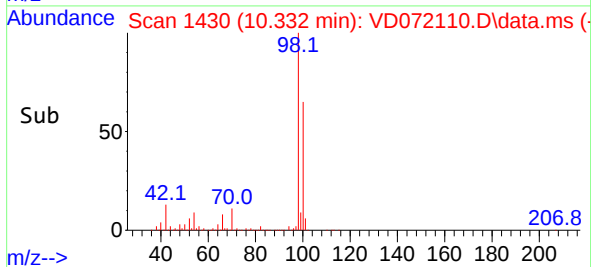
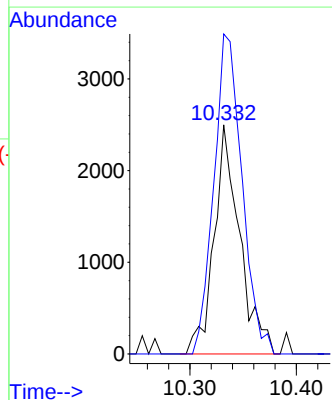
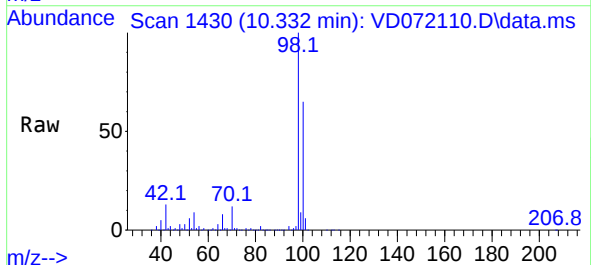
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

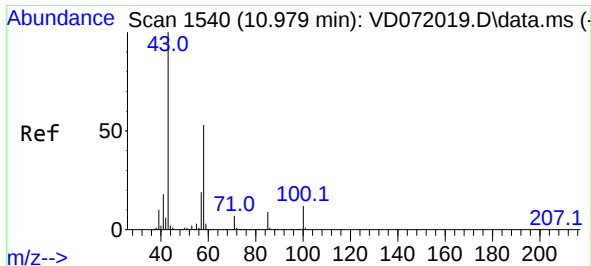
Tgt Ion: 98 Resp: 746878
Ion Ratio Lower Upper
98 100
100 65.4 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.652 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion: 43 Resp: 4171
Ion Ratio Lower Upper
43 100
58 153.8 30.8 46.2#

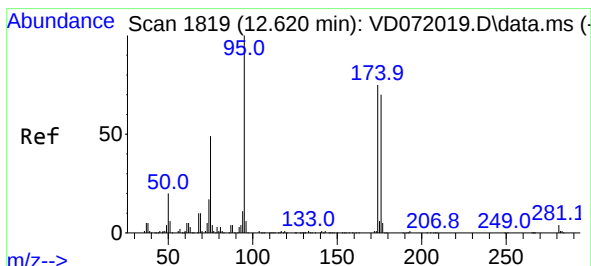
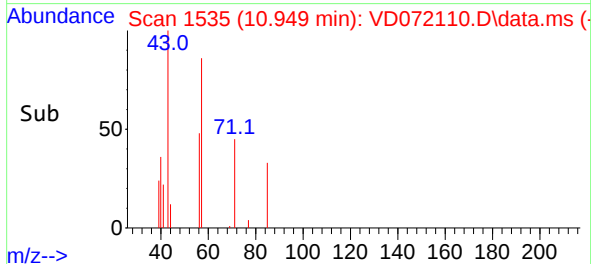
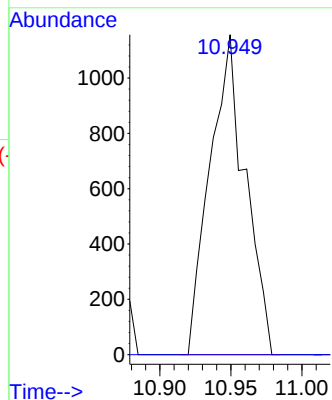
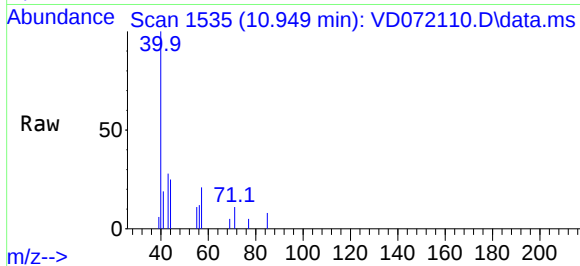




#59
2-Hexanone
Concen: 1.165 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

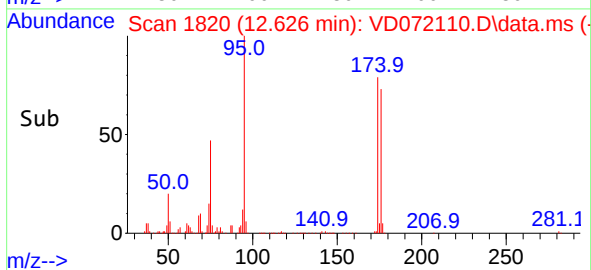
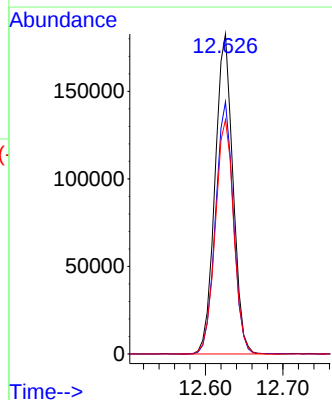
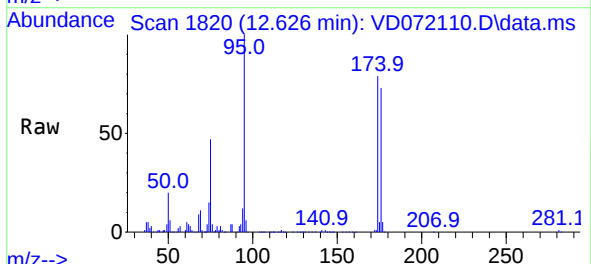
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

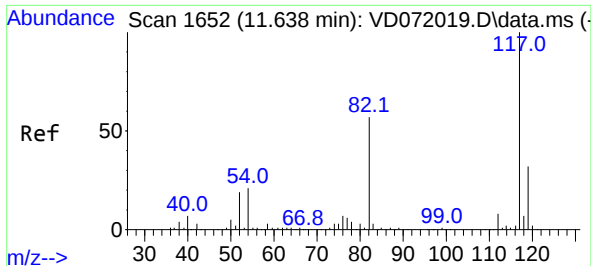
Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 59.121 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion: 95 Resp: 293233
Ion Ratio Lower Upper
95 100
174 78.7 0.0 155.0
176 75.3 0.0 148.8

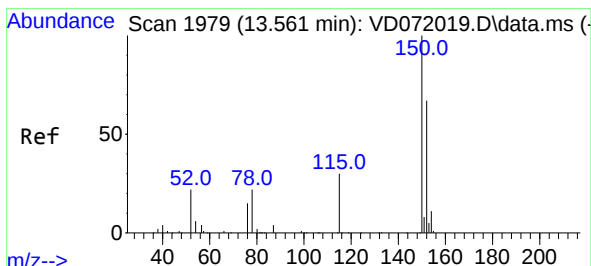
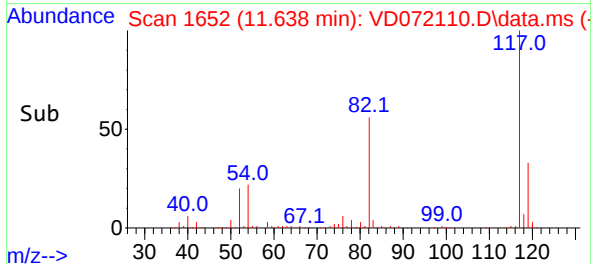
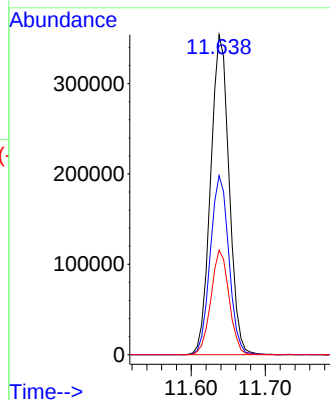
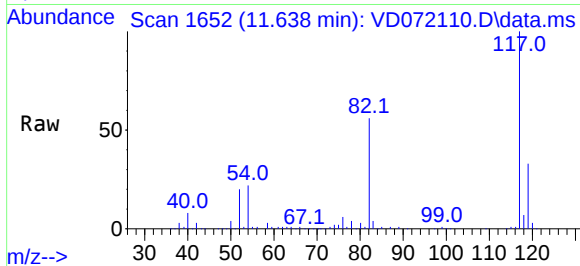




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

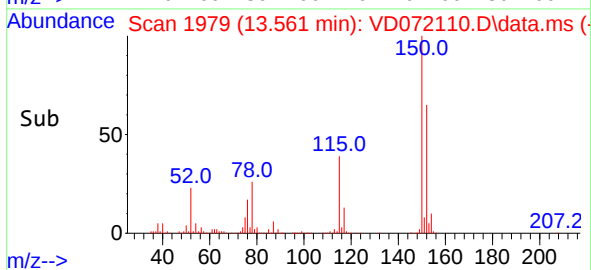
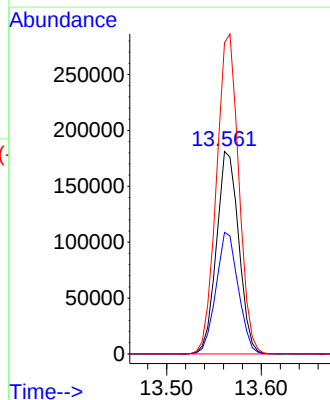
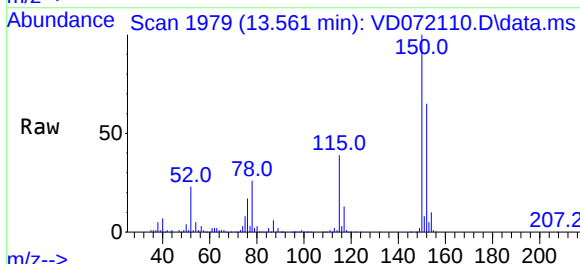
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

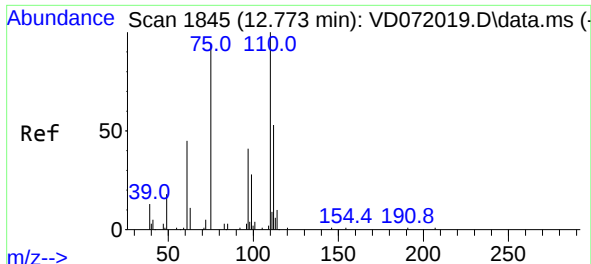
Tgt Ion:117 Resp: 611943
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion:152 Resp: 295651
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 158.4 0.0 347.6

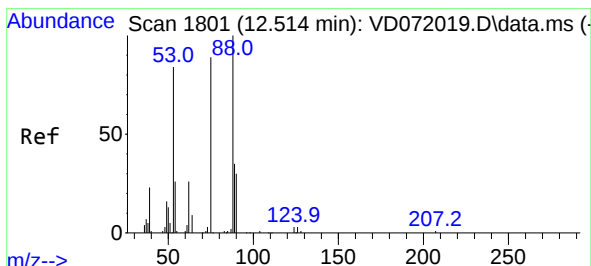
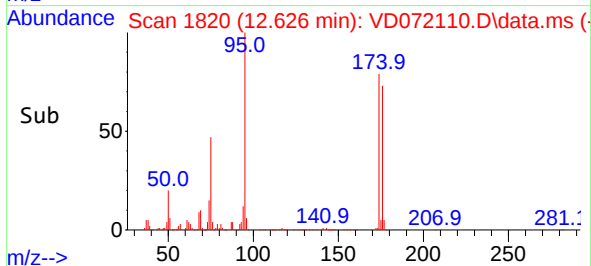
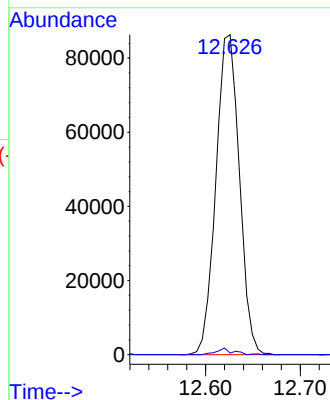
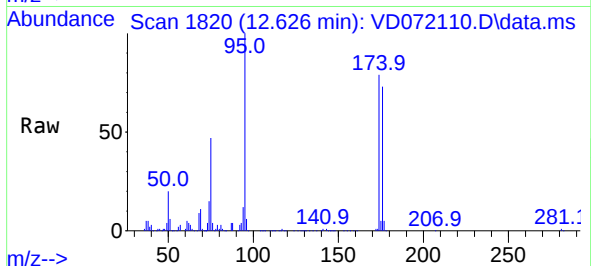




#76
1,2,3-Trichloropropane
Concen: 53.087 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

Tgt Ion: 75 Resp: 148668
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.941 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072110.D
Acq: 25 Feb 2022 19:51

Tgt Ion: 75 Resp: 148668
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.0 36.4 54.6#

