

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070131.D
 Acq On : 18 Aug 2021 16:50
 Operator : VA/SY
 Sample : M3435-11
 Misc : 4.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-13-FD-04

Quant Time: Aug 19 07:31:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

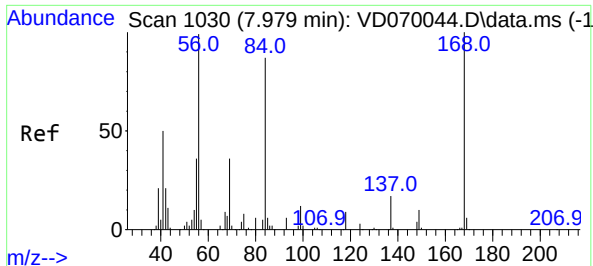
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	412422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	659288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	175350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	304220	62.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.440%			
35) Dibromofluoromethane	7.914	113	285862	55.776	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.560%			
50) Toluene-d8	10.338	98	972633	48.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.580%			
62) 4-Bromofluorobenzene	12.626	95	224886	34.251	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.500%			
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	424	Below Cal	#	42
3) Chloromethane	2.203	50	1000	Below Cal	#	87
5) Bromomethane	2.779	94	2107	Below Cal		96
11) Tert butyl alcohol	5.226	59	1015	3.786	ug/l #	71
16) Acetone	4.162	43	31592	35.354	ug/l	93
20) Methylene Chloride	4.956	84	3769	Below Cal	#	68
25) 2-Butanone	7.220	43	4084	3.345	ug/l #	42
31) Cyclohexane	7.973	56	10866	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	36253	4.248	ug/l #	48
38) Carbon Tetrachloride	7.973	117	42777	5.521	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	108470	60.997	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	108470	158.325	ug/l #	18

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

Quant Time: Aug 19 07:31:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

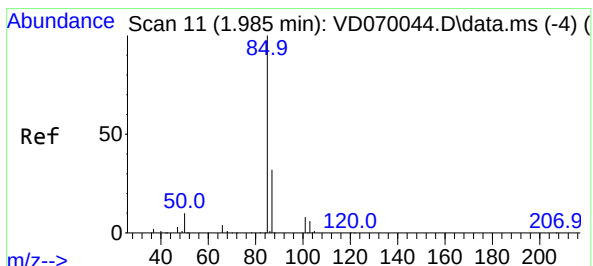
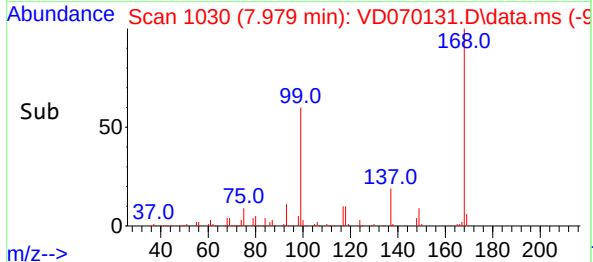
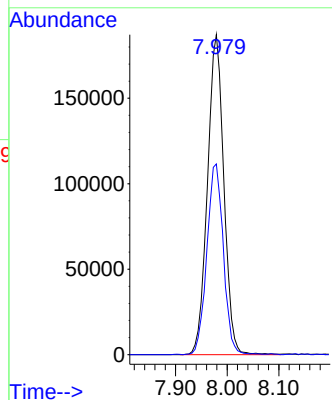
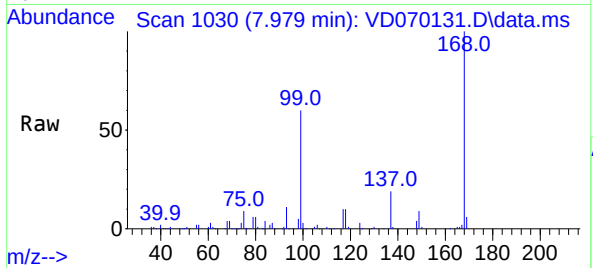




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

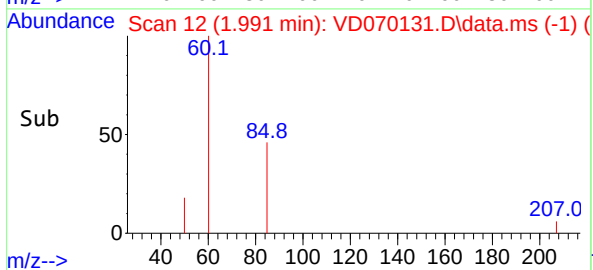
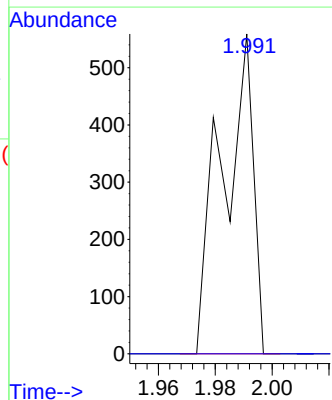
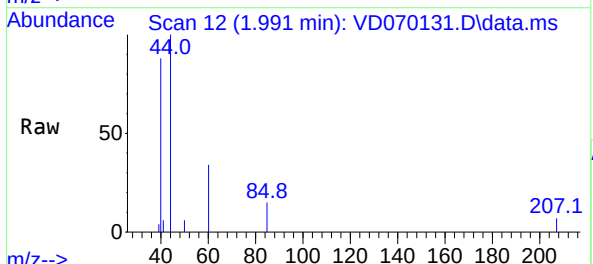
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

Tgt Ion:168 Resp: 412422
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5

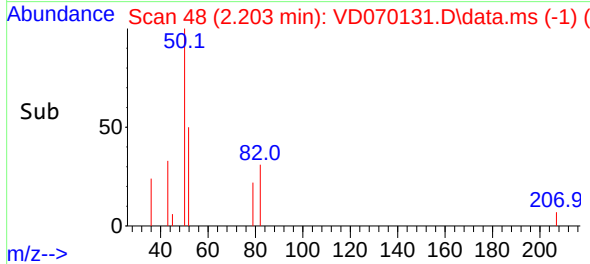
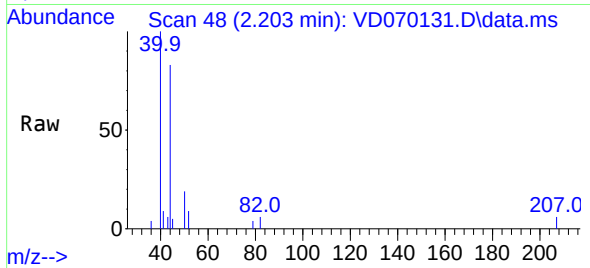
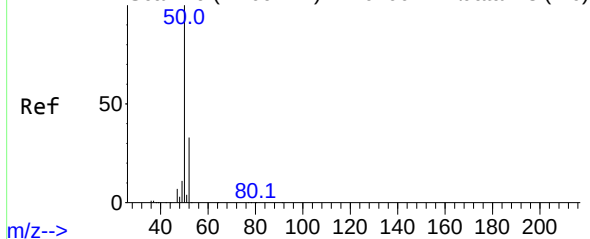


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 85 Resp: 424
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

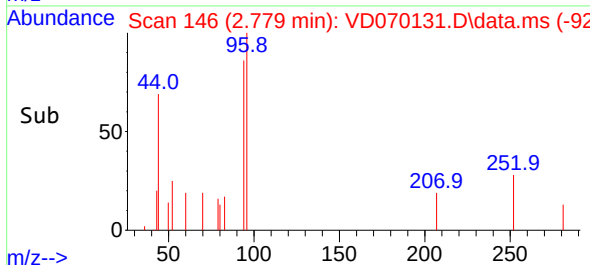
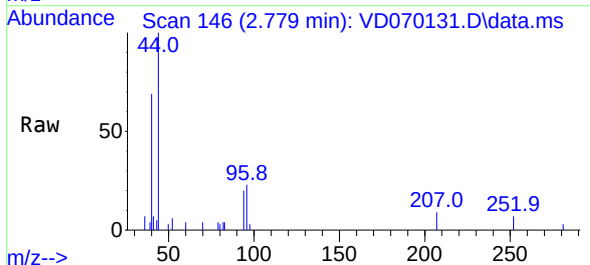
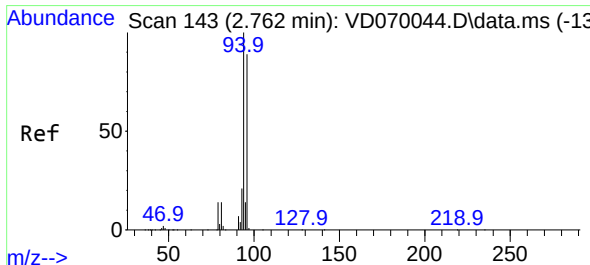
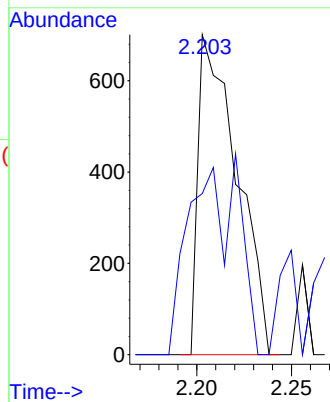


Abundance Scan 49 (2.209 min): VD070044.D\data.ms (-40)



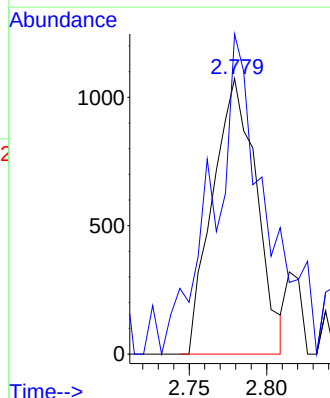
#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

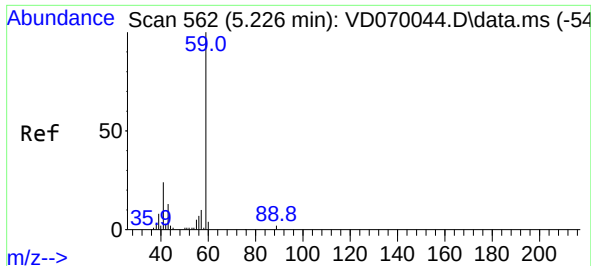
Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 25.5 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 94 Resp: 2107
Ion Ratio Lower Upper
94 100
96 92.4 70.9 106.3



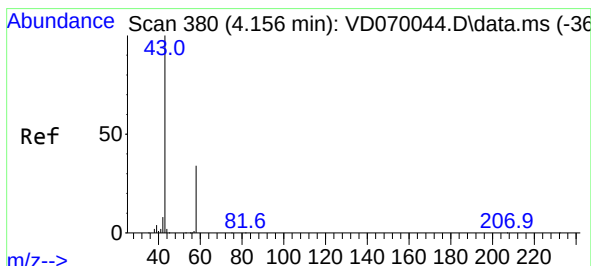
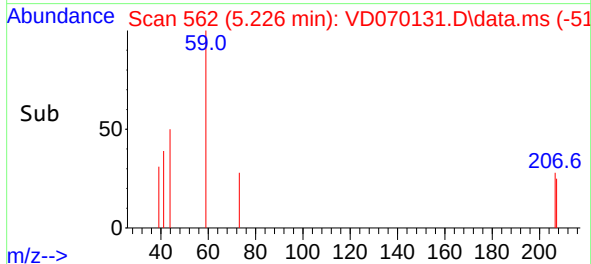
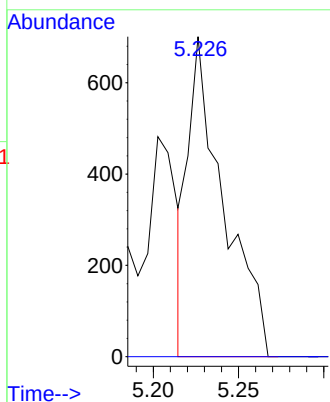
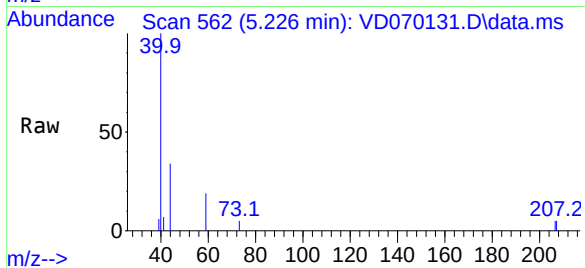


#11

Tert butyl alcohol
Concen: 3.786 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

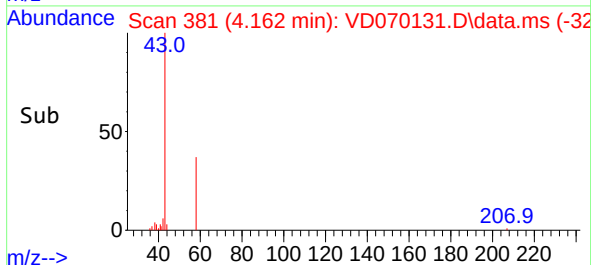
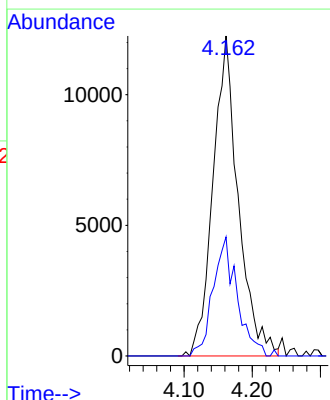
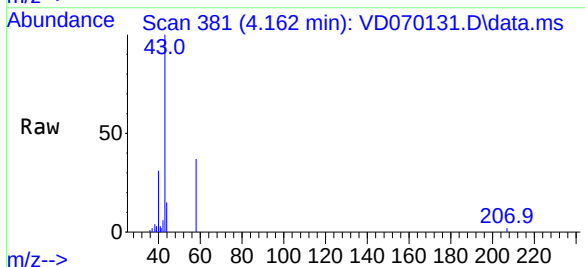
Tgt Ion: 59 Resp: 1015
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

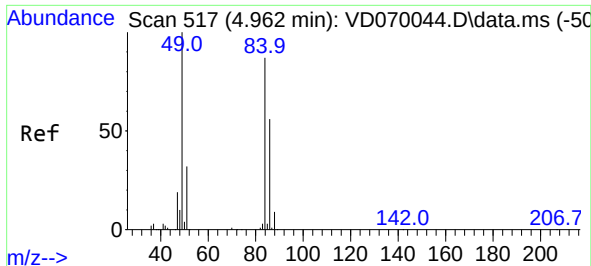


#16

Acetone
Concen: 35.354 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 43 Resp: 31592
Ion Ratio Lower Upper
43 100
58 37.2 26.8 40.2



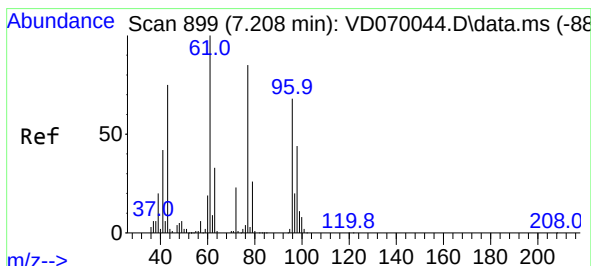
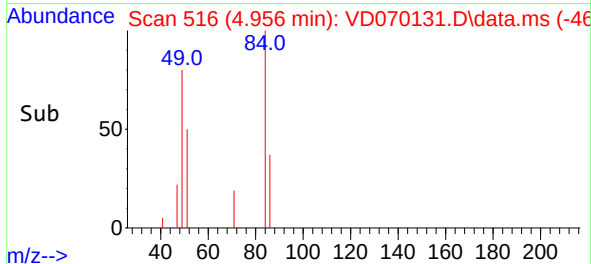
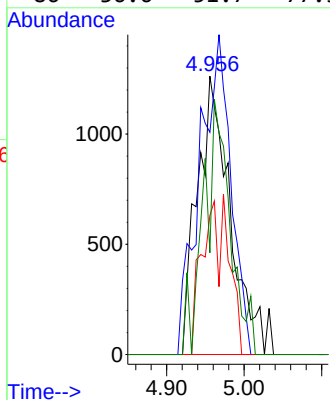
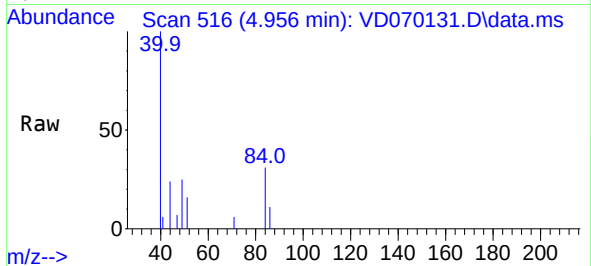


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

Tgt Ion: 84 Resp: 3769

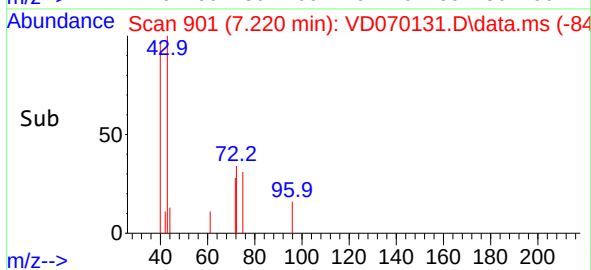
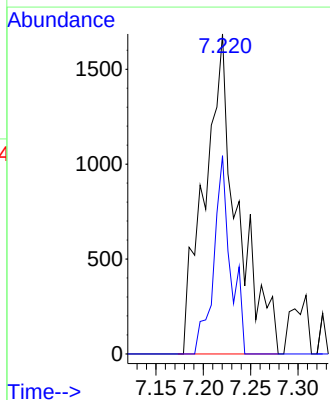
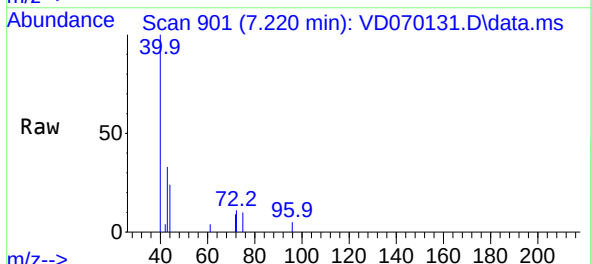
Ion	Ratio	Lower	Upper
84	100		
49	79.8	92.5	138.7#
51	50.0	29.7	44.5#
86	36.6	51.7	77.5#

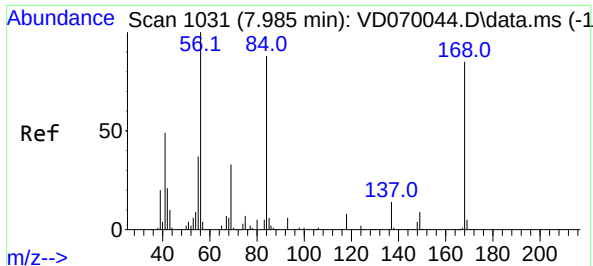


#25
2-Butanone
Concen: 3.345 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 43 Resp: 4084

Ion	Ratio	Lower	Upper
43	100		
72	61.9	24.2	36.4#

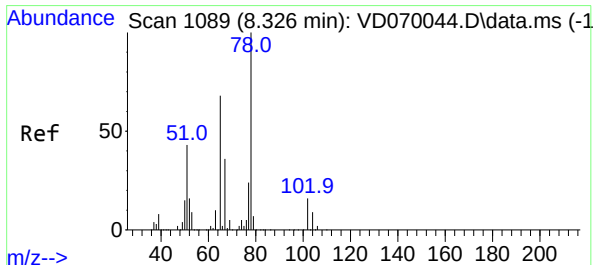
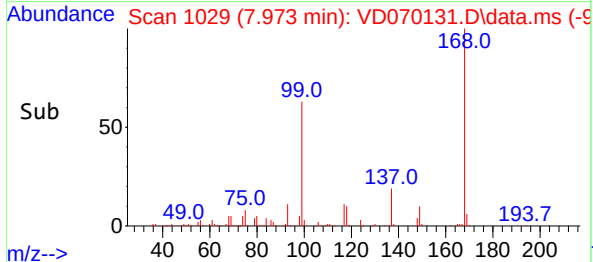
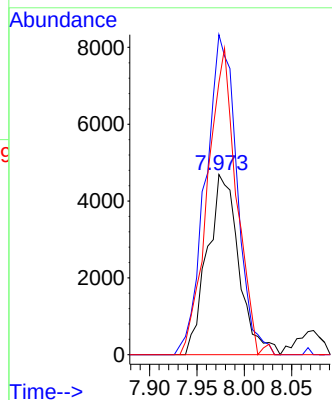
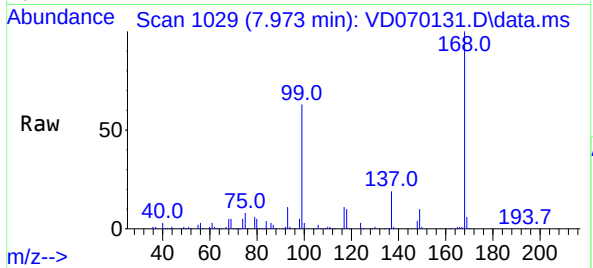




#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

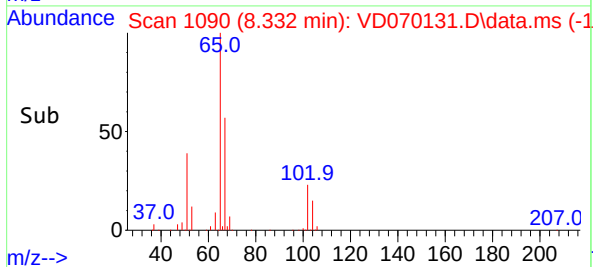
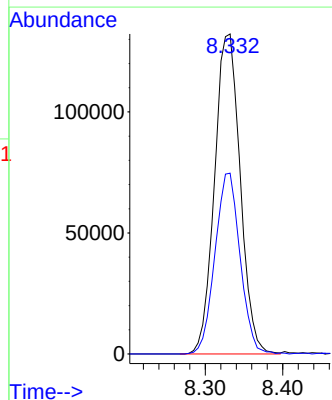
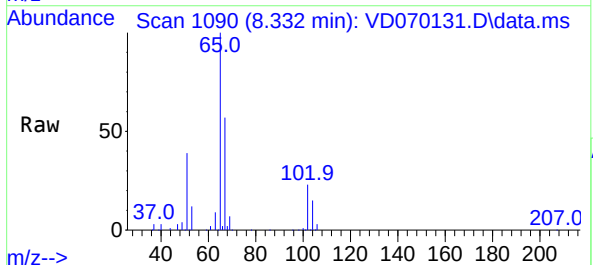
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

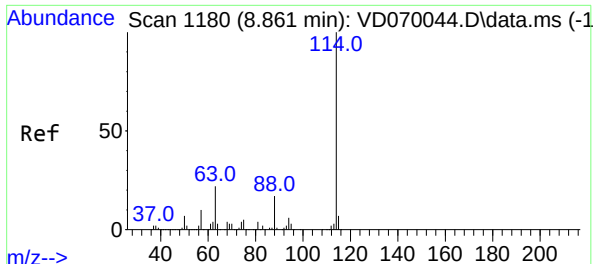
Tgt Ion: 56 Resp: 10866
Ion Ratio Lower Upper
56 100
69 177.6 26.7 40.1#
84 151.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 62.716 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 65 Resp: 304220
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.8



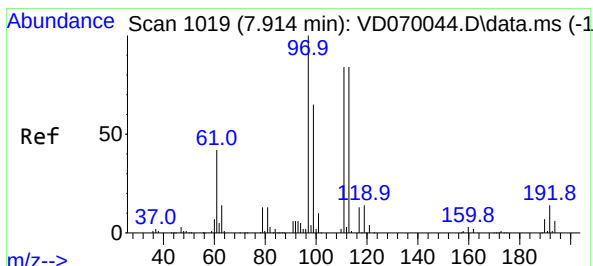
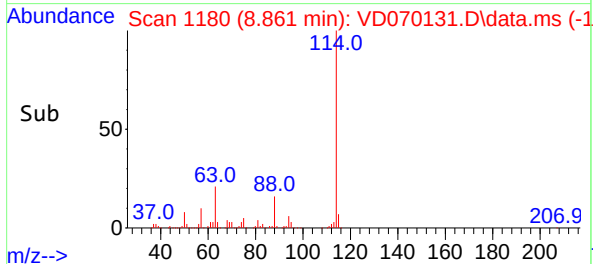
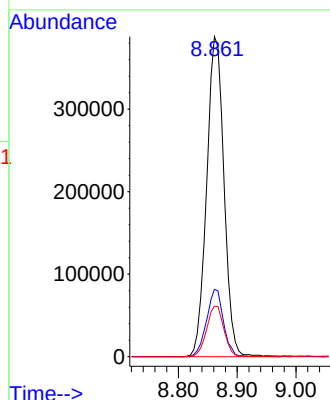
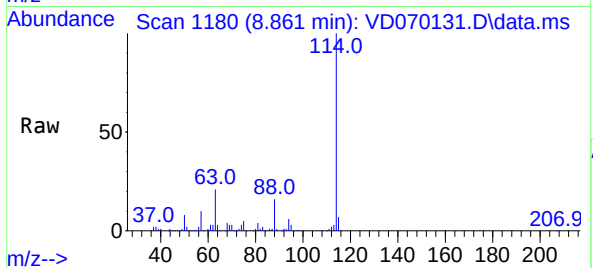


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

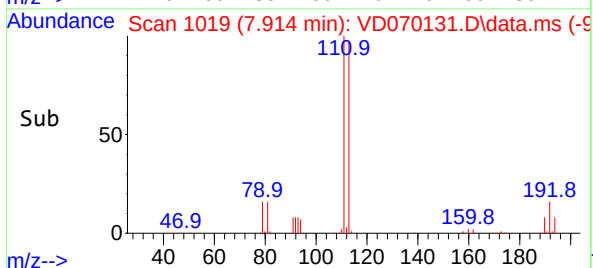
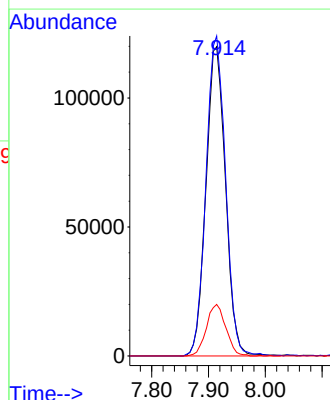
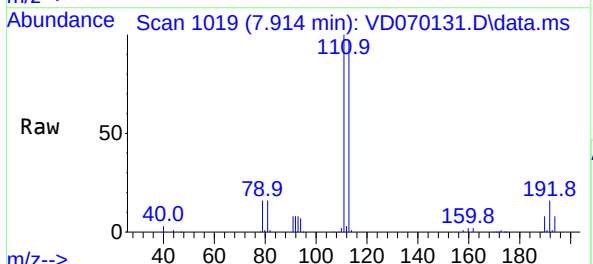
Tgt Ion:	114	Resp:	793297
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.6
88	15.8	0.0	33.4

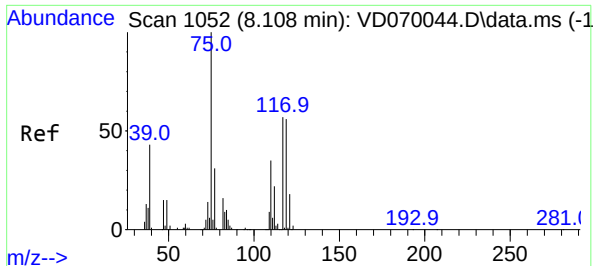


#35

Dibromofluoromethane
Concen: 55.776 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion:	113	Resp:	285862
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	16.6	13.2	19.8

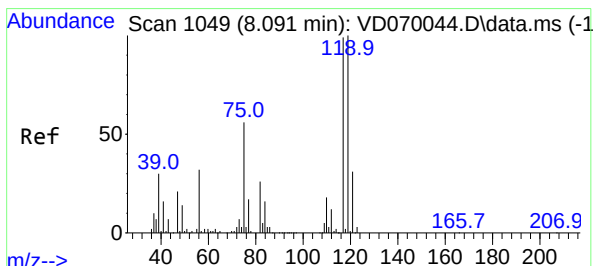
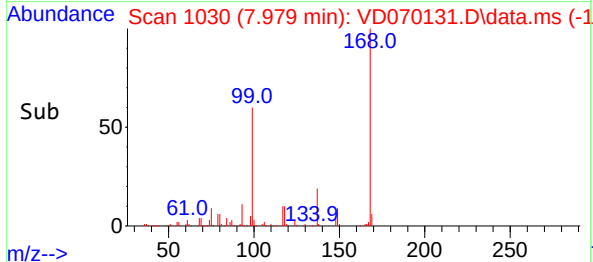
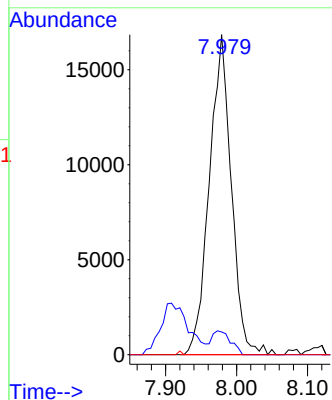
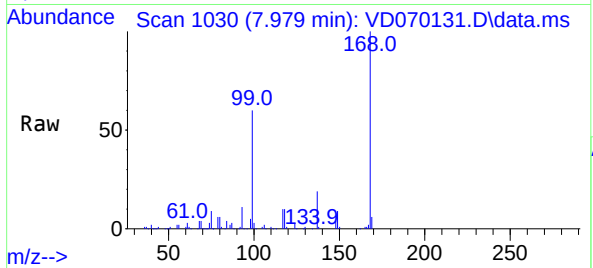




#36
1,1-Dichloropropene
Concen: 4.248 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

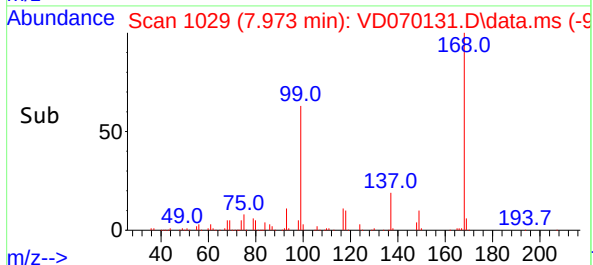
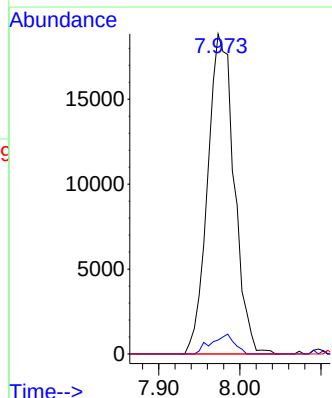
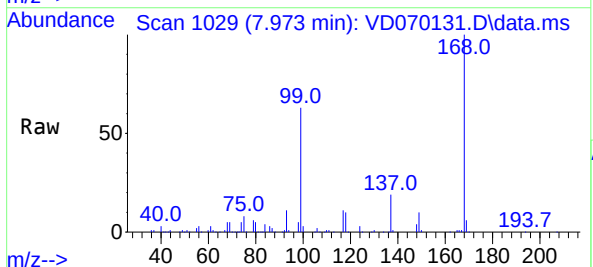
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

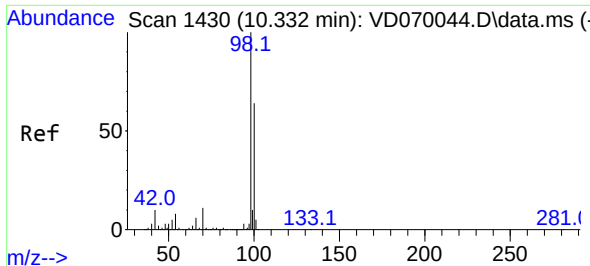
Tgt Ion: 75 Resp: 36253
Ion Ratio Lower Upper
75 100
110 6.6 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.521 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 117 Resp: 42777
Ion Ratio Lower Upper
117 100
119 4.4 81.0 121.6#
121 0.0 25.0 37.6#

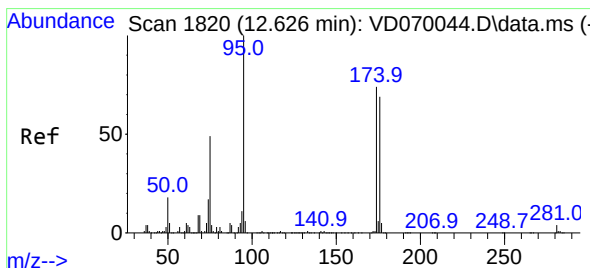
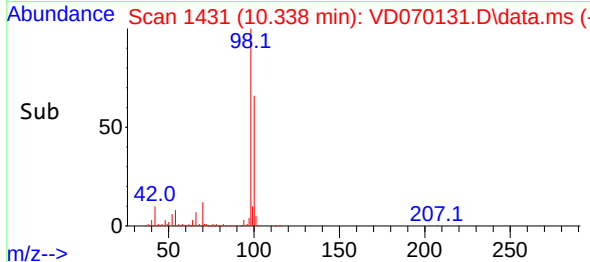
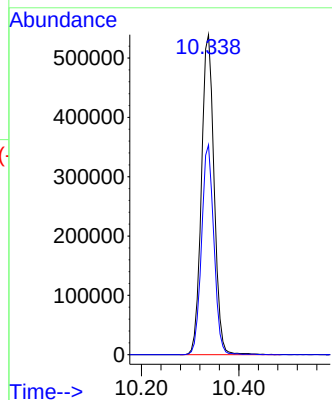
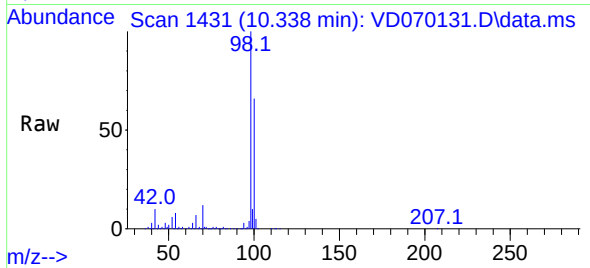




#50
Toluene-d8
Concen: 48.792 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

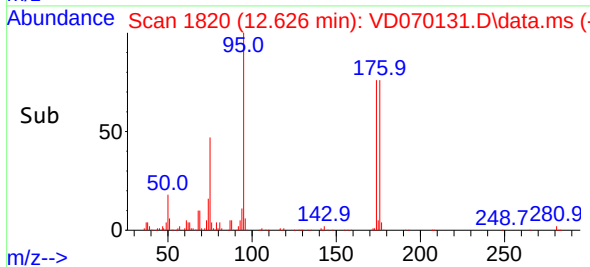
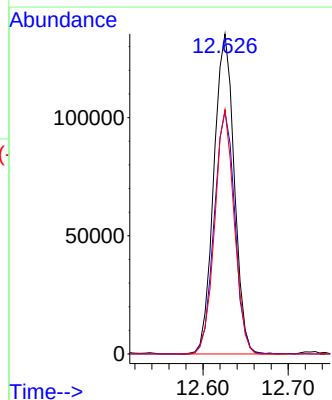
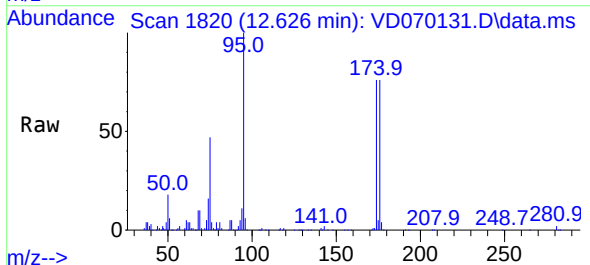
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

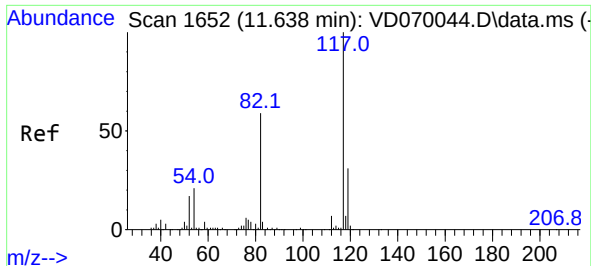
Tgt Ion: 98 Resp: 972633
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 34.251 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 95 Resp: 224886
Ion Ratio Lower Upper
95 100
174 76.5 0.0 141.6
176 73.0 0.0 138.2

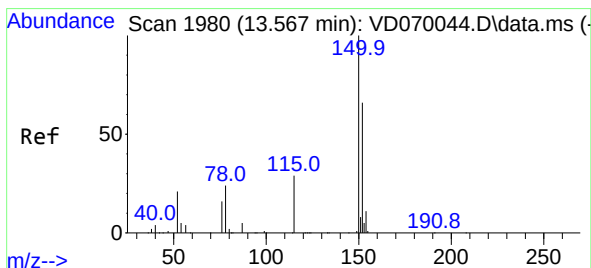
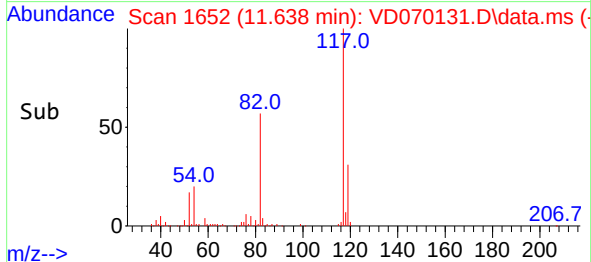
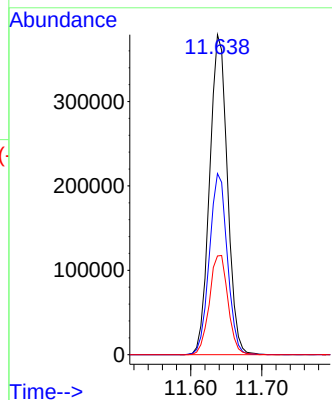
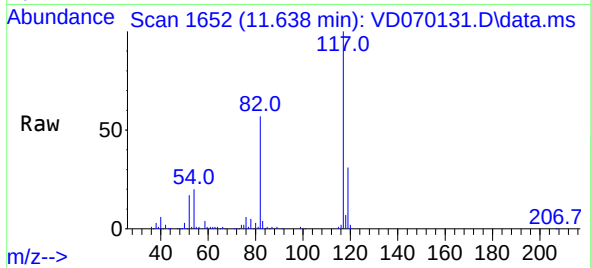




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

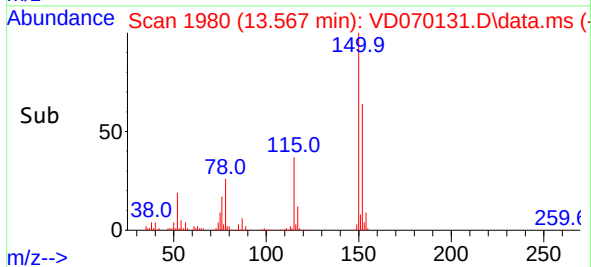
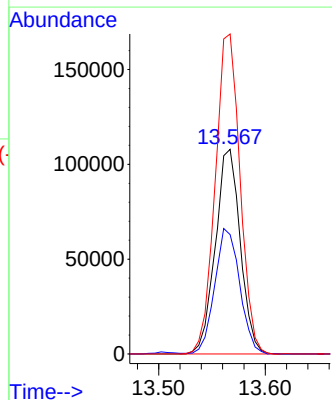
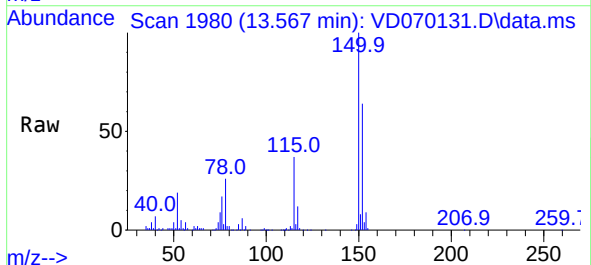
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

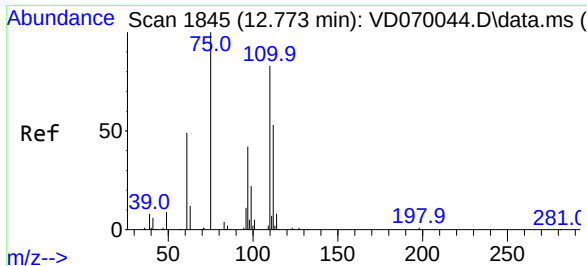
Tgt Ion:117 Resp: 659288
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 30.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion:152 Resp: 175350
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 155.7 0.0 352.0

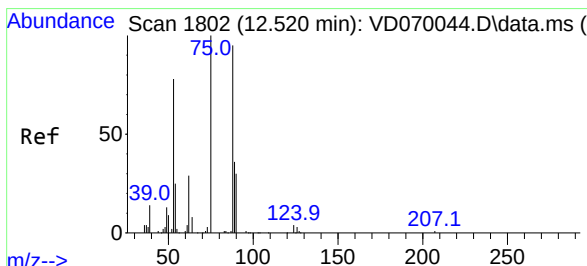
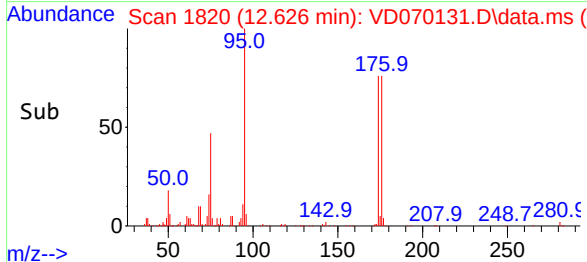
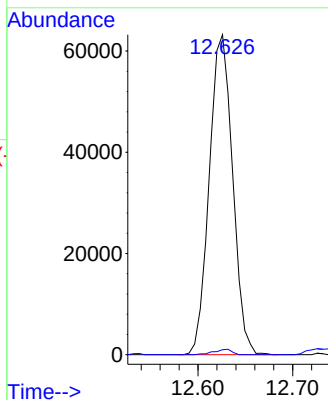
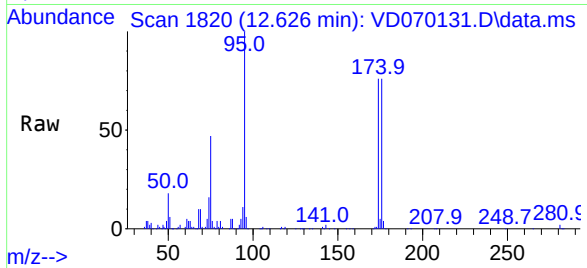




#76
1,2,3-Trichloropropane
Concen: 60.997 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

Tgt Ion: 75 Resp: 108470
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.325 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 75 Resp: 108470
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

