

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068220.D
 Acq On : 28 Jan 2021 13:50
 Operator : VA/SY
 Sample : M1254-06
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-5

Quant Time: Jan 29 00:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	484570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	854063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	757735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	330268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	263699	56.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.78%
35) Dibromofluoromethane	7.920	113	252471	53.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.94%
50) Toluene-d8	10.343	98	1060841	56.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.34%
62) 4-Bromofluorobenzene	12.631	95	340201	50.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.04%

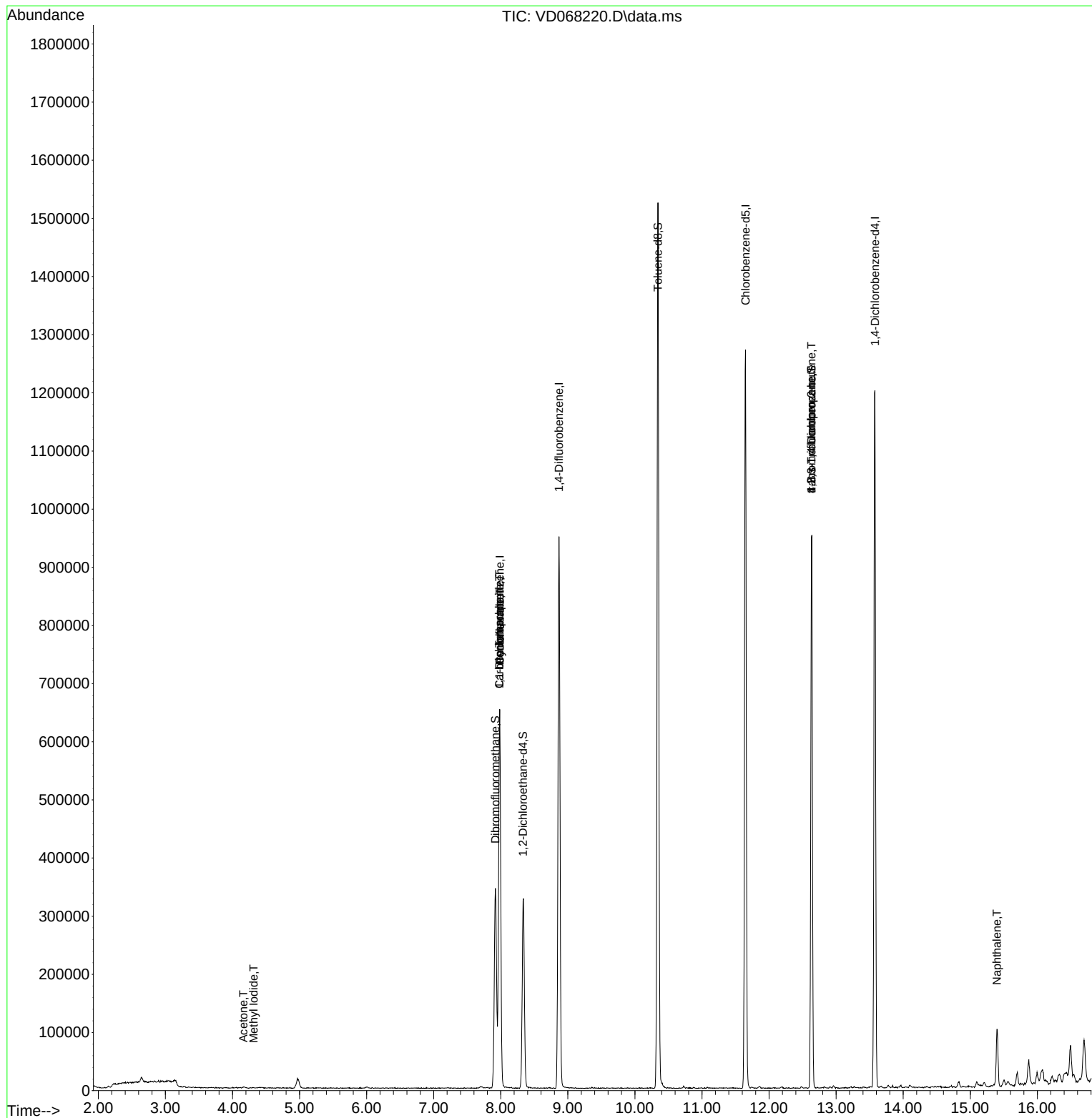
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	128	3.18	ug/l #	38
11) Tert butyl alcohol	5.220	59	75	Below	Cal #	74
16) Acetone	4.161	43	3496	4.22	ug/l #	81
20) Methylene Chloride	4.967	84	13224	Below	Cal	89
31) Cyclohexane	7.985	56	10559	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	38582	4.48	ug/l #	47
38) Carbon Tetrachloride	7.979	117	48748	6.05	ug/l #	17
76) 1,2,3-Trichloropropane	12.631	75	168120	52.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	168120	106.53	ug/l #	13
95) Naphthalene	15.396	128	89265	7.16	ug/l	99

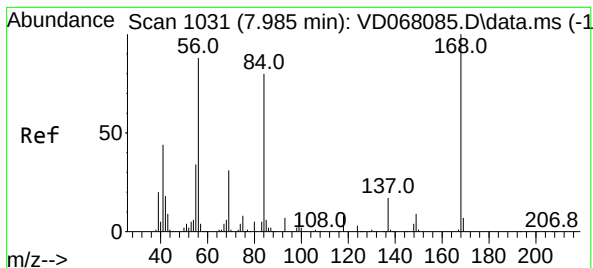
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
Data File : VD068220.D
Acq On : 28 Jan 2021 13:50
Operator : VA/SY
Sample : M1254-06
Misc : 5.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CRT-5

Quant Time: Jan 29 00:08:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

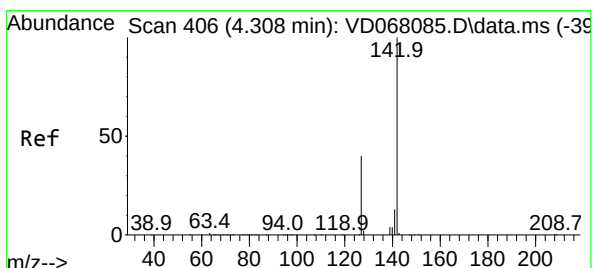
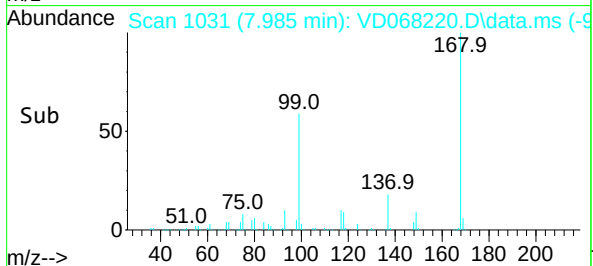
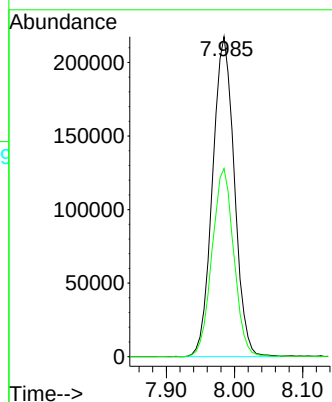
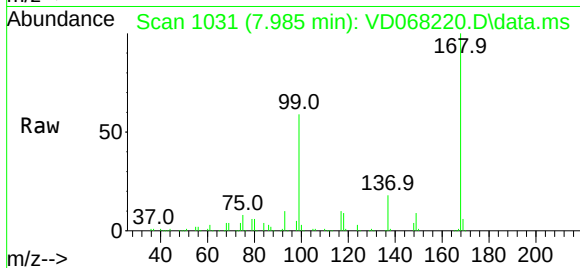




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

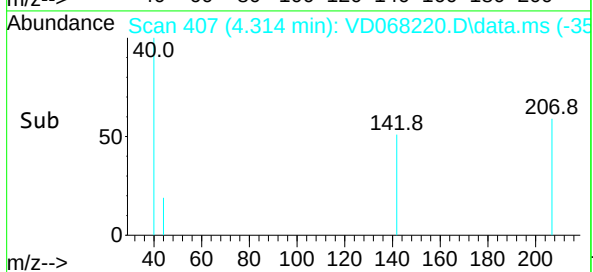
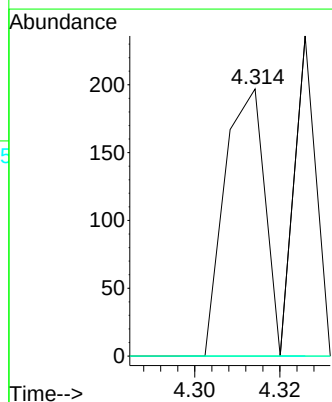
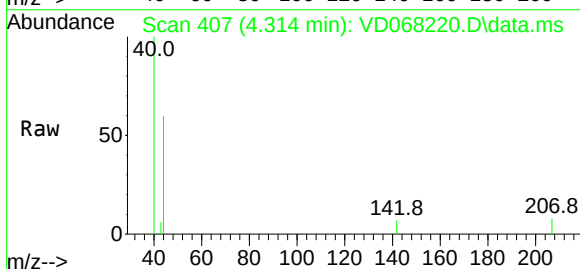
Instrument :
MSVOA_D
ClientSampled :
CRT-5

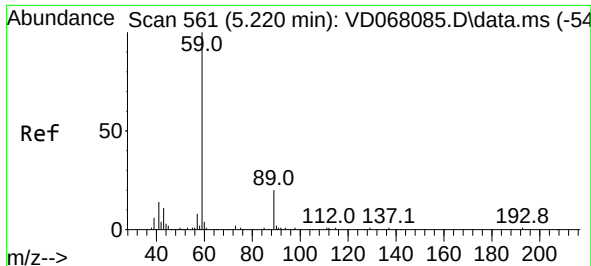
Tgt Ion:168 Resp: 484570
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



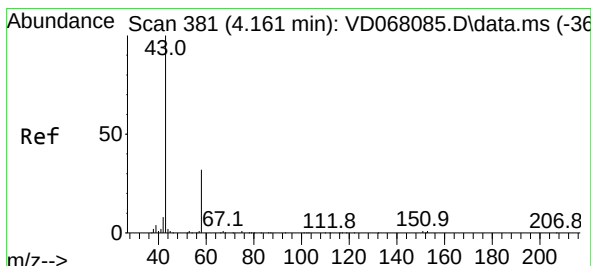
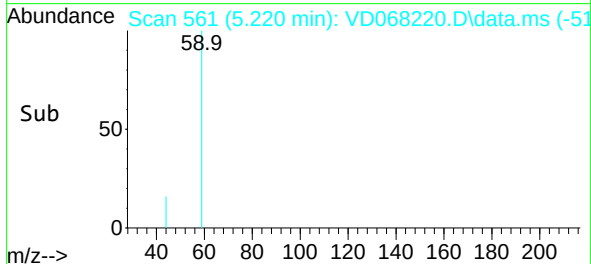
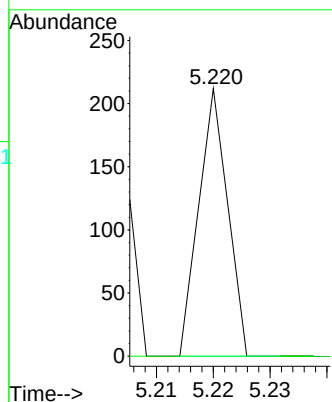
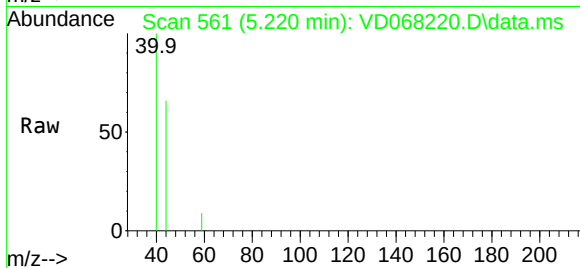


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
CRT-5

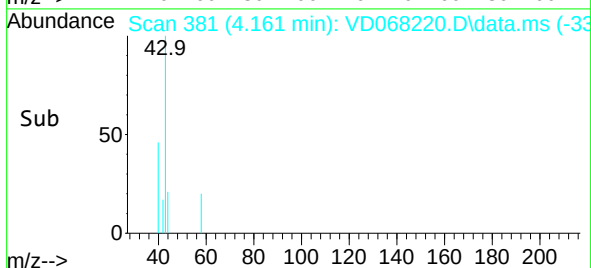
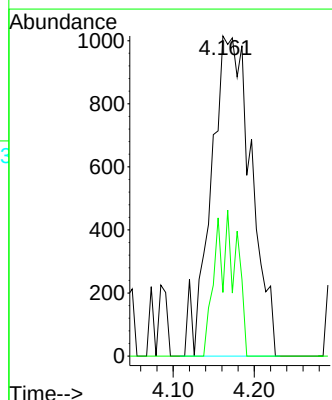
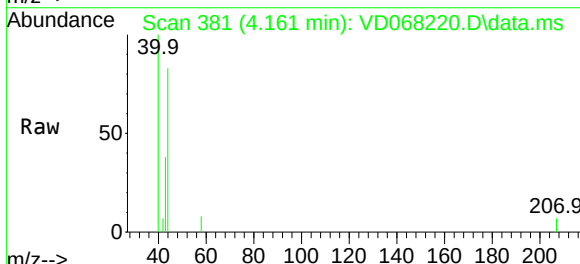
Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

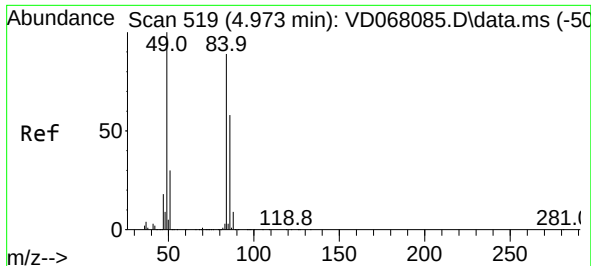


#16

Acetone
Concen: 4.22 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion: 43 Resp: 3496
Ion Ratio Lower Upper
43 100
58 19.9 24.2 36.4#

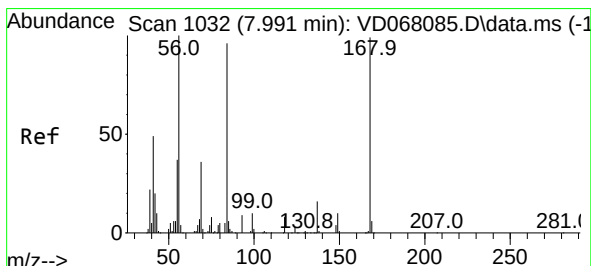
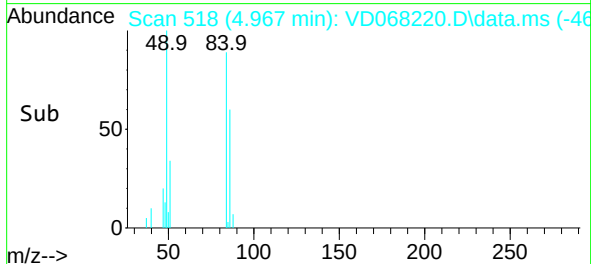
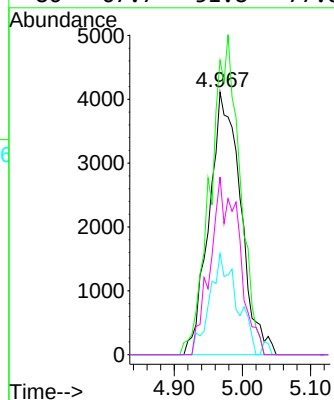
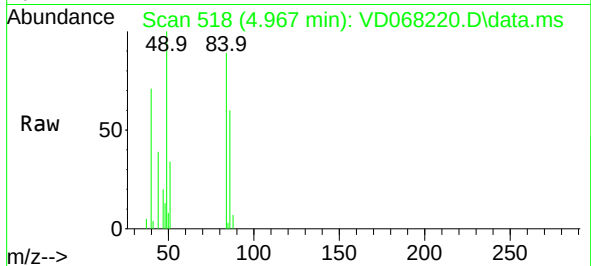




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

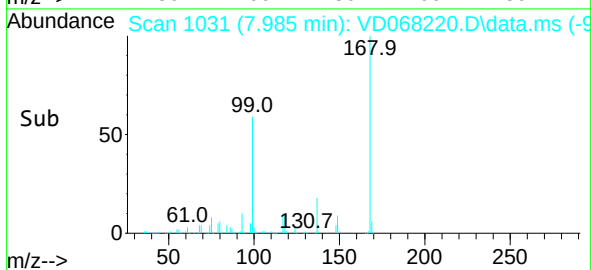
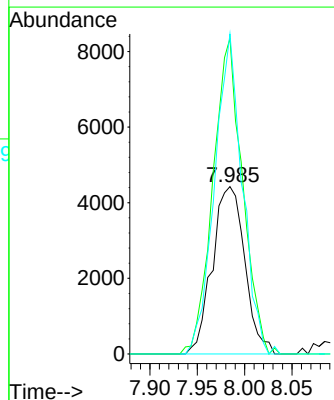
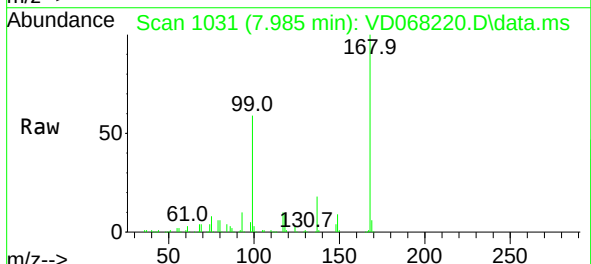
Instrument :
MSVOA_D
ClientSampleId :
CRT-5

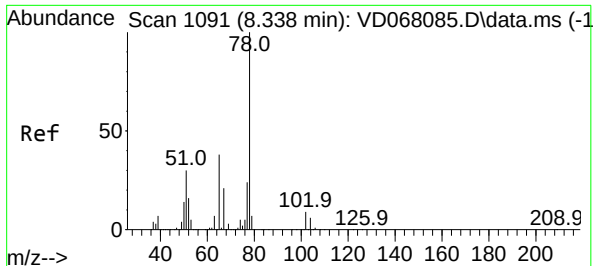
Tgt Ion:	84	Resp:	13224
Ion	Ratio	Lower	Upper
84	100		
49	112.2	77.4	116.2
51	38.5	26.1	39.1
86	67.7	51.8	77.8



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion:	56	Resp:	10559
Ion	Ratio	Lower	Upper
56	100		
69	188.6	30.1	45.1#
84	191.2	82.1	123.1#

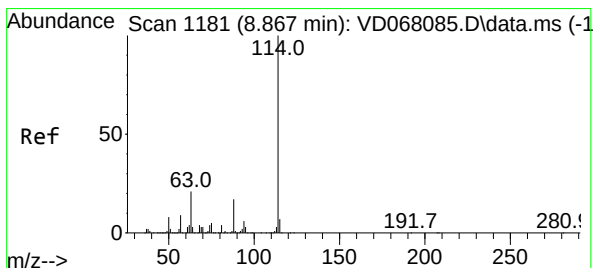
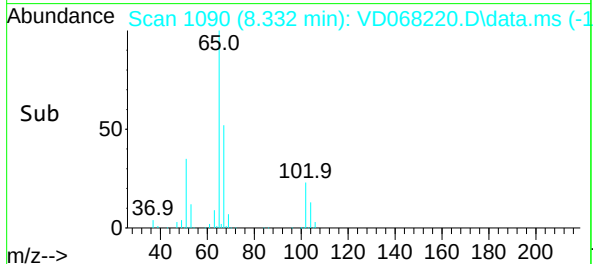
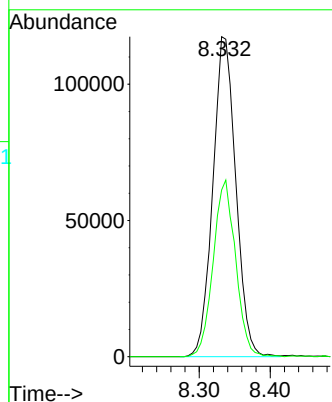
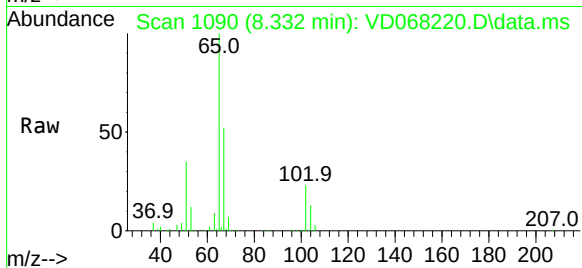




#33
 1,2-Dichloroethane-d4
 Concen: 56.89 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068220.D
 Acq: 28 Jan 2021 13:50

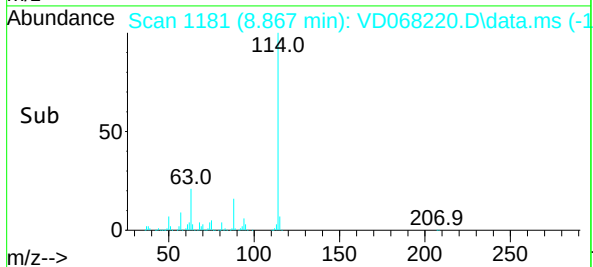
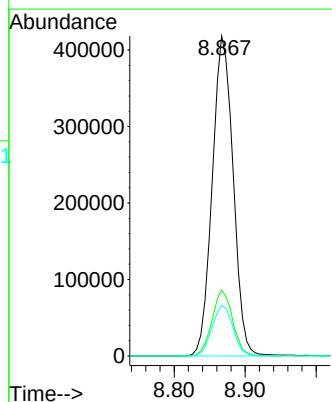
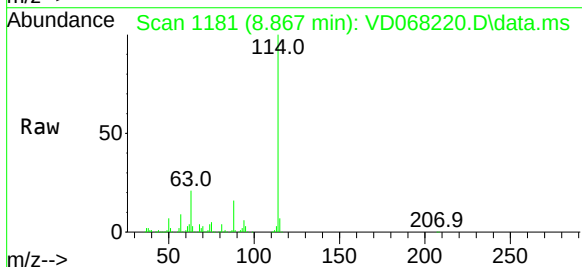
Instrument :
 MSVOA_D
 ClientSampleID :
 CRT-5

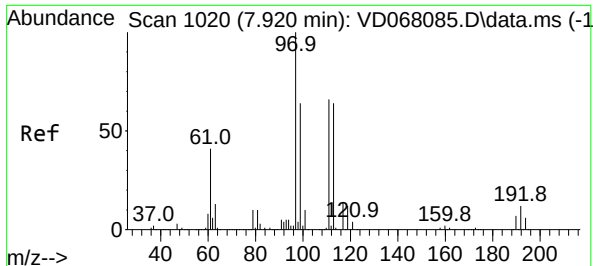
Tgt Ion: 65 Resp: 263699
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VD068220.D
 Acq: 28 Jan 2021 13:50

Tgt Ion: 114 Resp: 854063
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 34.8
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.47 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068220.D

Acq: 28 Jan 2021 13:50

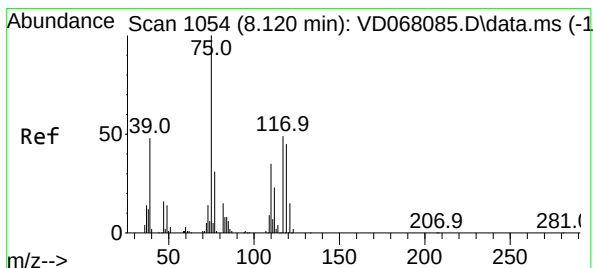
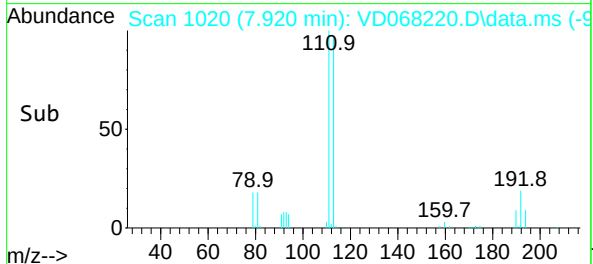
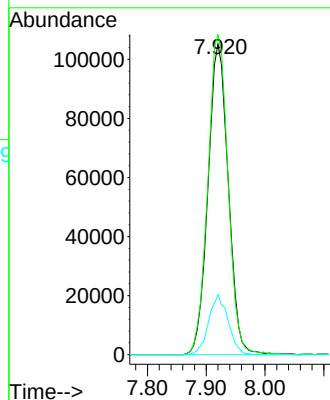
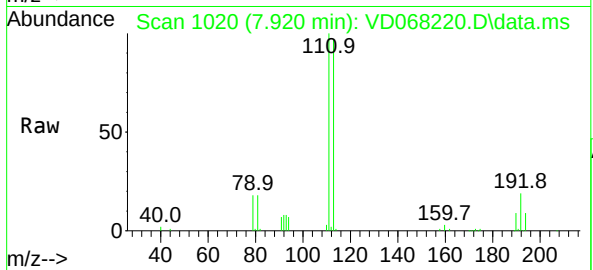
Tgt Ion:113 Resp: 252471

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.48 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068220.D

Acq: 28 Jan 2021 13:50

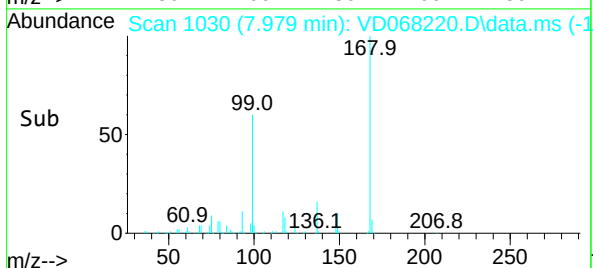
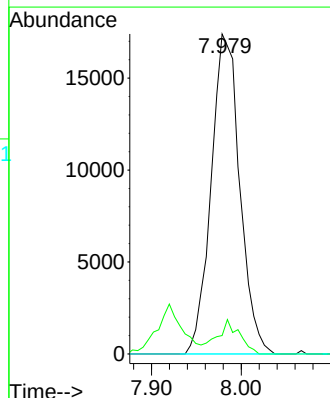
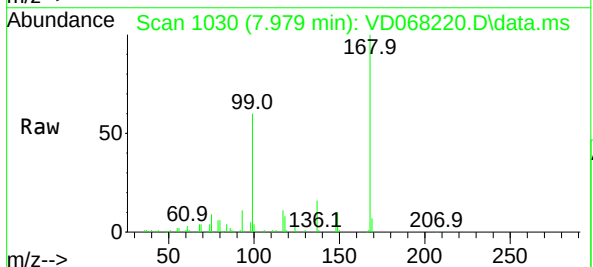
Tgt Ion: 75 Resp: 38582

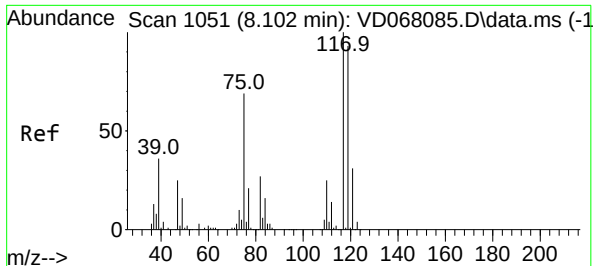
Ion Ratio Lower Upper

75 100

110 8.4 19.4 58.2#

77 0.0 25.3 37.9#

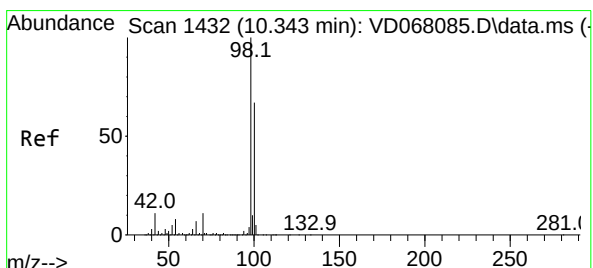
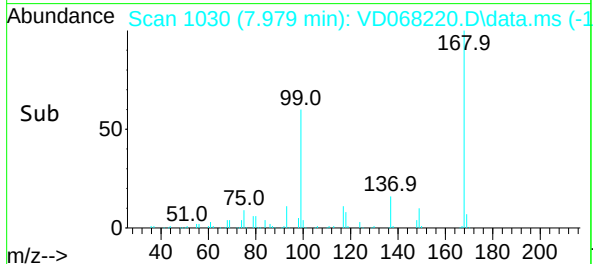
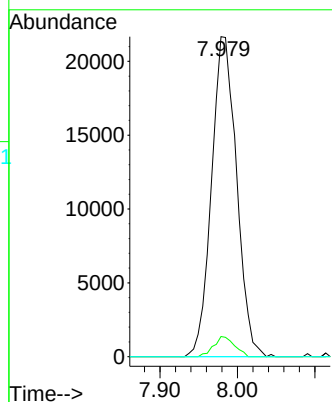
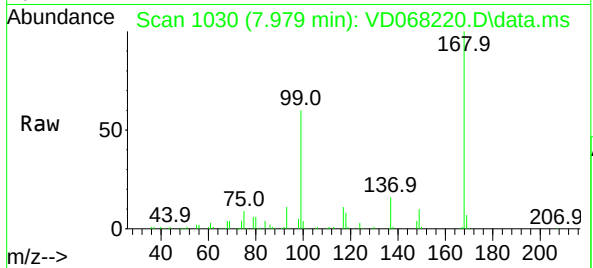




#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

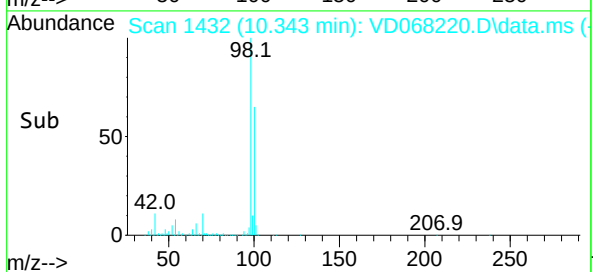
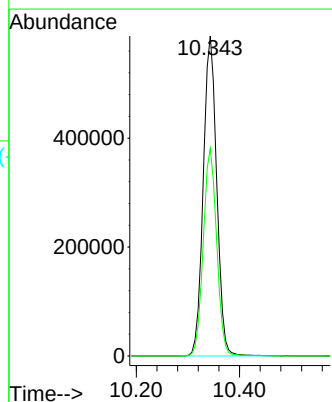
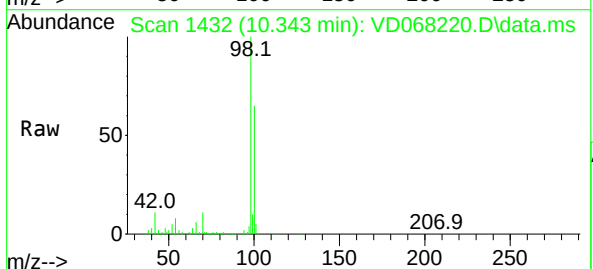
Instrument :
MSVOA_D
ClientSampled :
CRT-5

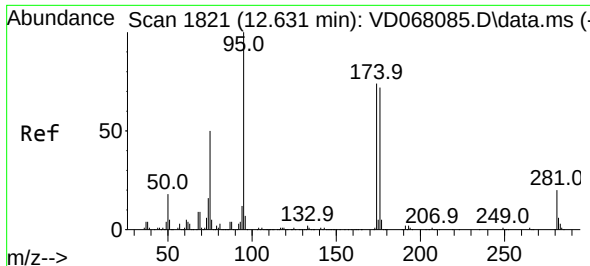
Tgt Ion:117 Resp: 48748
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.17 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion: 98 Resp: 1060841
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

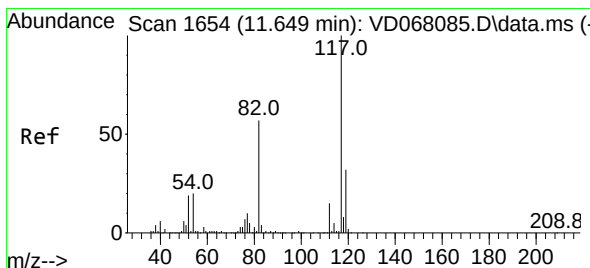
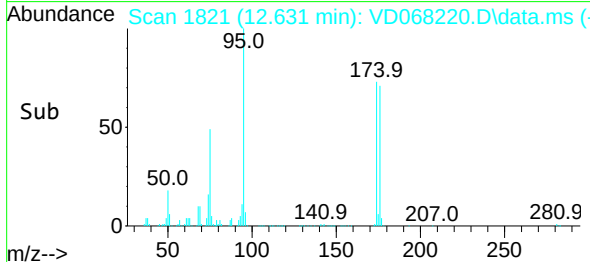
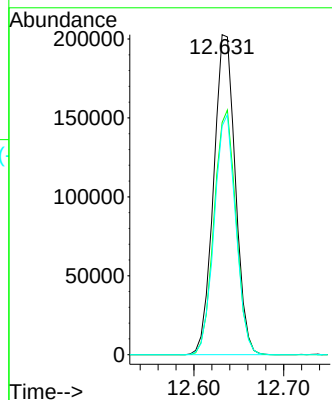
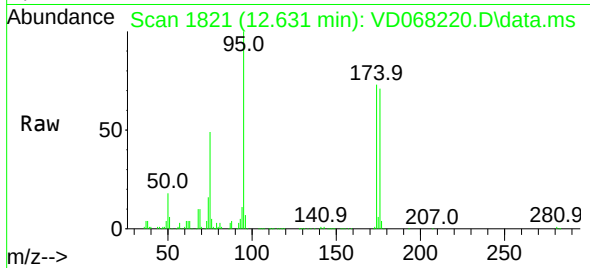




#62
4-Bromofluorobenzene
Concen: 50.02 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

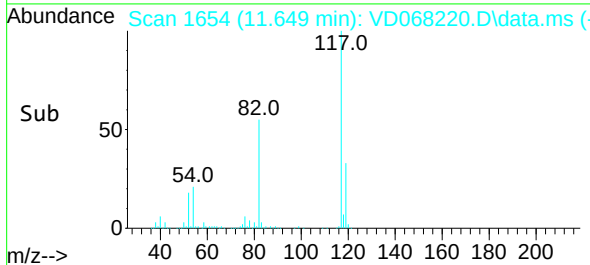
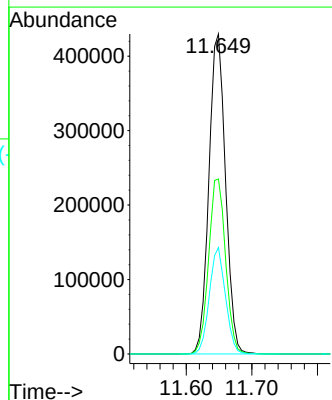
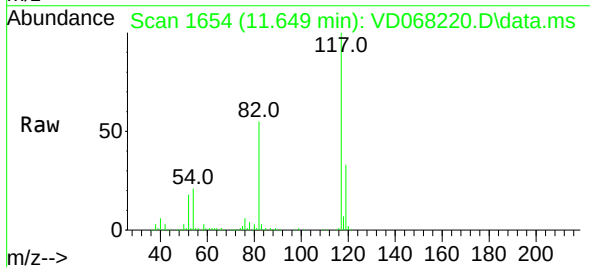
Instrument :
MSVOA_D
ClientSampleId :
CRT-5

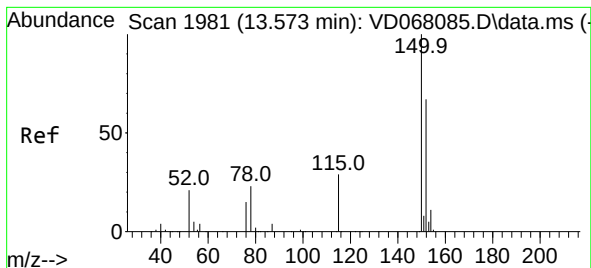
Tgt Ion:	95	Resp:	340201
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	172.4
176	74.4	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion:	117	Resp:	757735
Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.4	62.0
119	33.2	26.1	39.1

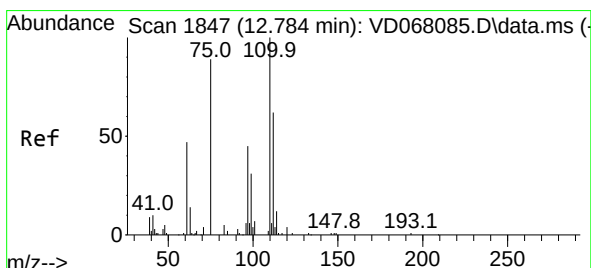
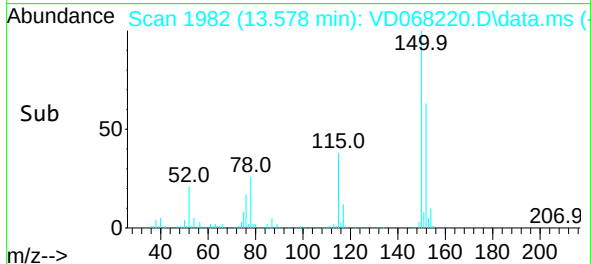
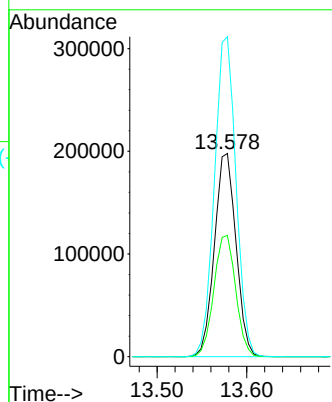
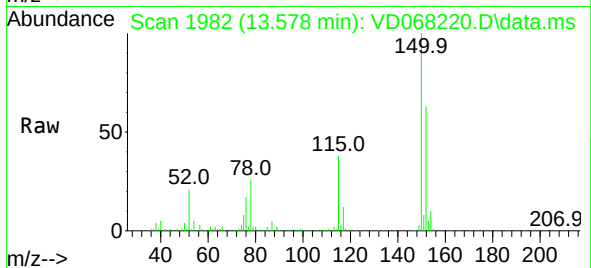




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

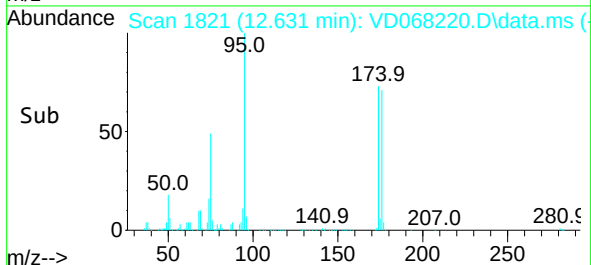
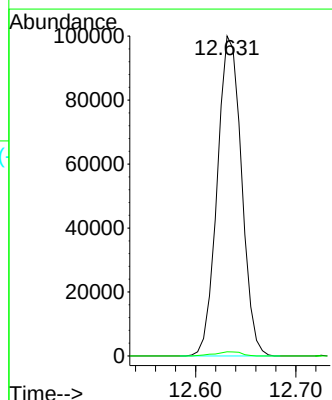
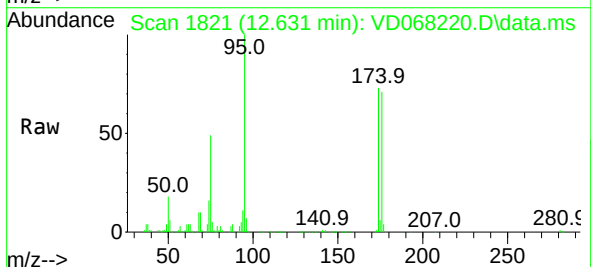
Instrument :
MSVOA_D
ClientSampleId :
CRT-5

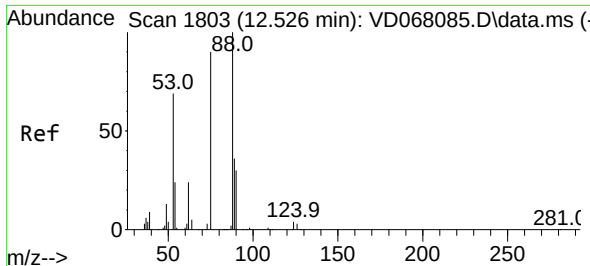
Tgt Ion:152 Resp: 330268
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 157.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.65 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion: 75 Resp: 168120
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

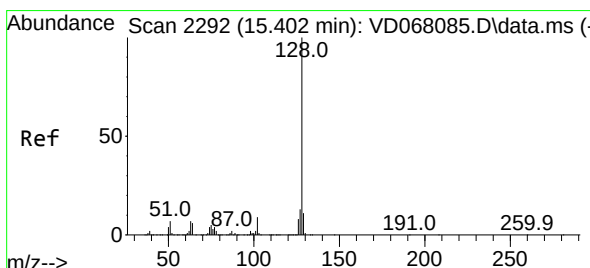
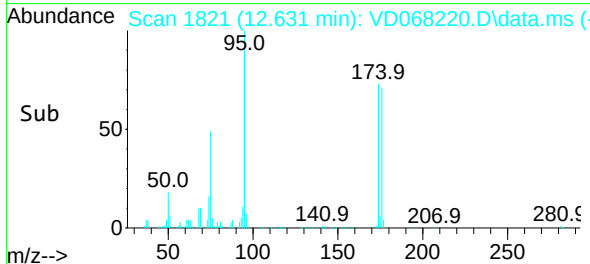
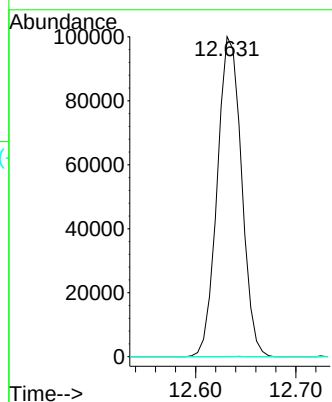
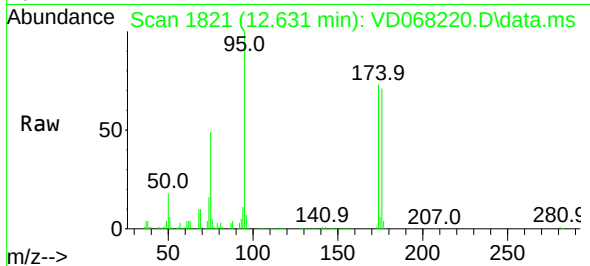




#81
trans-1,4-Dichloro-2-butene
Concen: 106.53 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
CRT-5

Tgt Ion: 75 Resp: 168120
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#



#95
Naphthalene
Concen: 7.16 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion:128 Resp: 89265
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 11.5 8.8 13.2

