

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068222.D
 Acq On : 28 Jan 2021 14:45
 Operator : VA/SY
 Sample : M1255-06
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-13

Quant Time: Jan 29 00:09:11 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

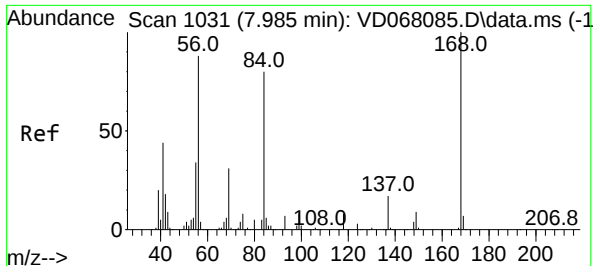
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	352312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	628735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	560815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	249485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210759	62.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.06%
35) Dibromofluoromethane	7.920	113	185960	53.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.00%
50) Toluene-d8	10.344	98	784002	56.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.78%
62) 4-Bromofluorobenzene	12.632	95	256504	51.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.46%

Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	55	3.17	ug/l #	38
11) Tert butyl alcohol	5.209	59	79	Below	Cal #	74
16) Acetone	4.150	43	1621	2.69	ug/l #	55
20) Methylene Chloride	4.967	84	7661	Below	Cal #	88
31) Cyclohexane	7.979	56	7837	1.07	ug/l #	43
36) 1,1-Dichloropropene	7.985	75	28567	4.51	ug/l #	47
38) Carbon Tetrachloride	7.985	117	35605	6.00	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	3266	1.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	130994	54.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	130994	109.89	ug/l #	13

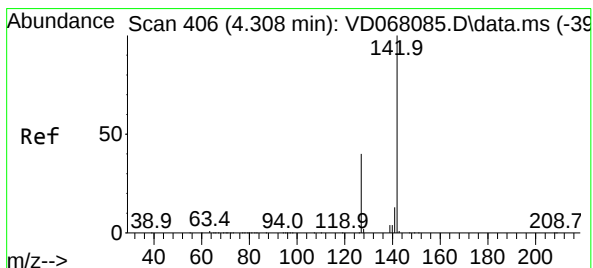
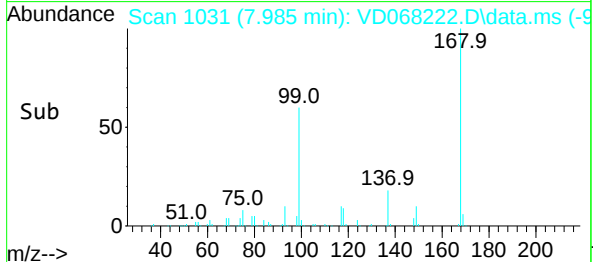
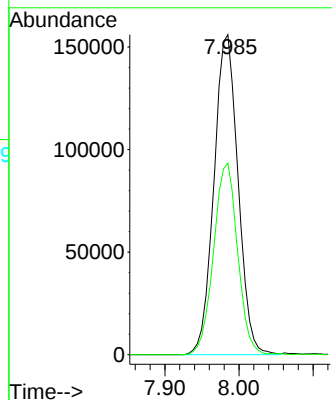
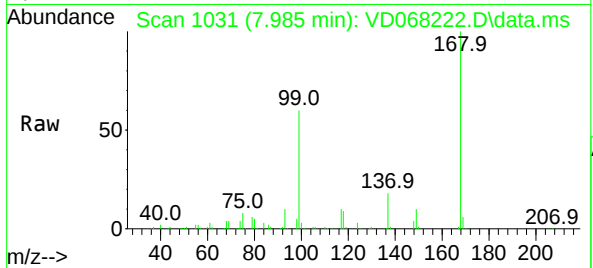
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

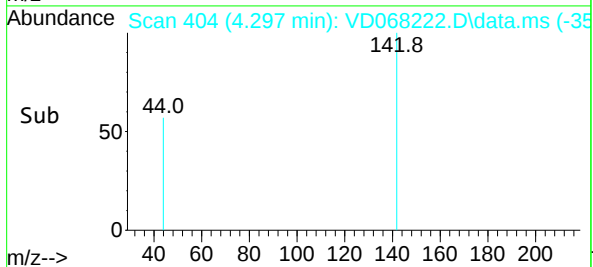
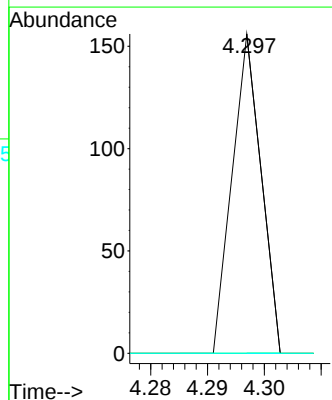
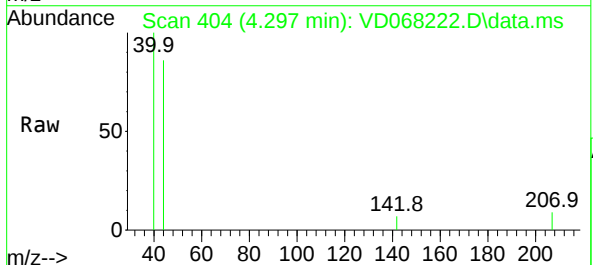
Instrument :
MSVOA_D
ClientSampleID :
CRT-13

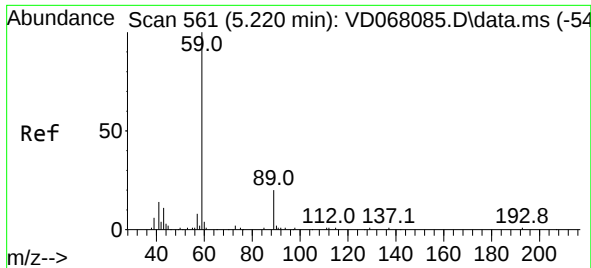
Tgt Ion:168 Resp: 352312
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



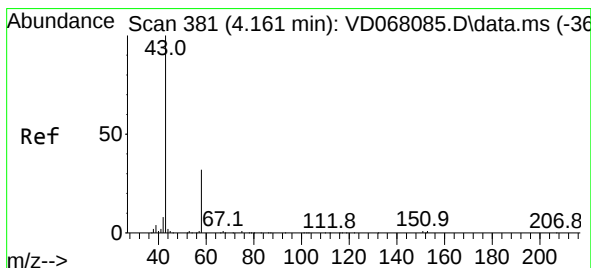
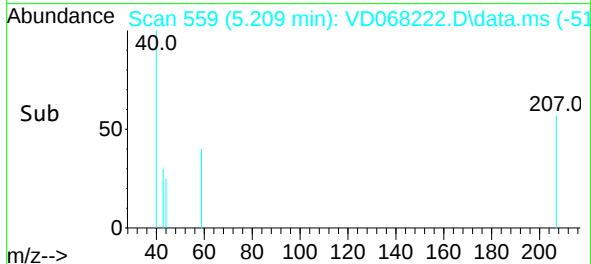
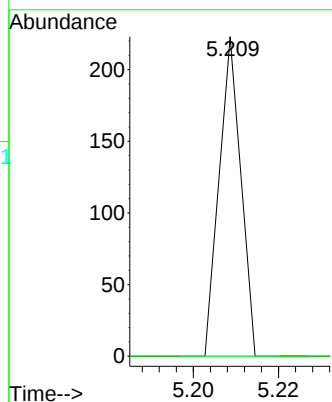
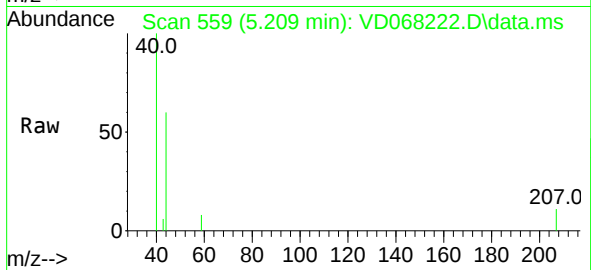


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
CRT-13

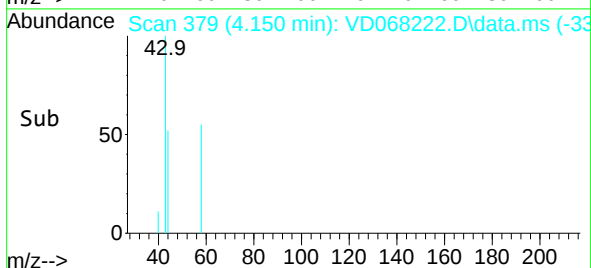
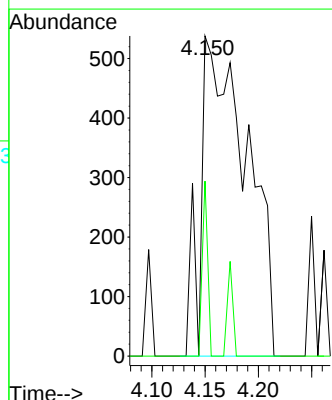
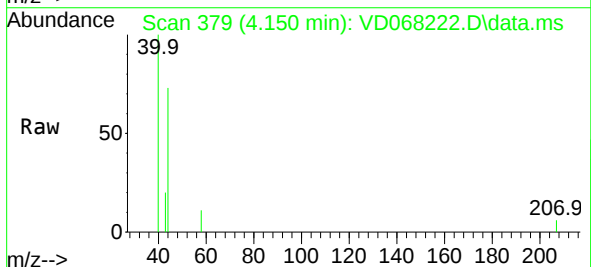
Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16

Acetone
Concen: 2.69 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

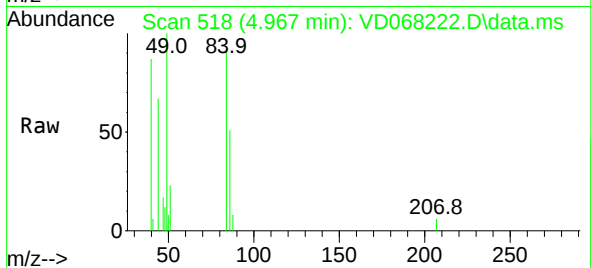
Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 54.6 24.2 36.4#



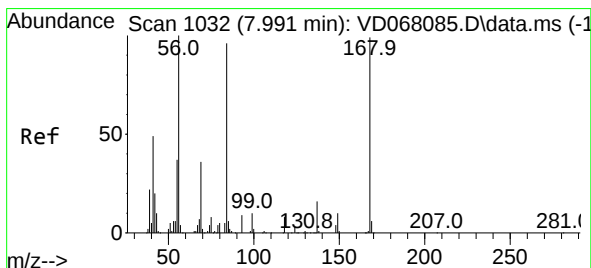
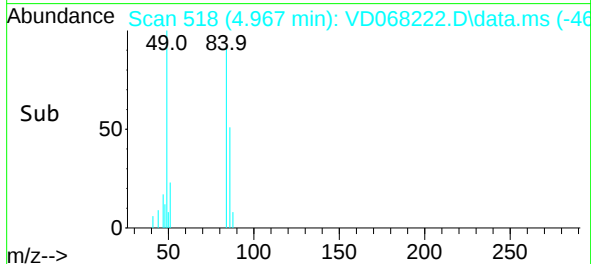
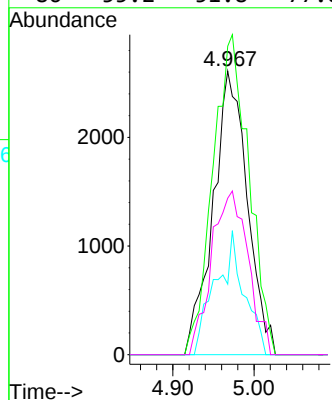


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
CRT-13

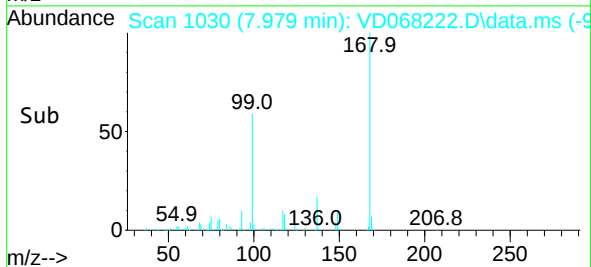
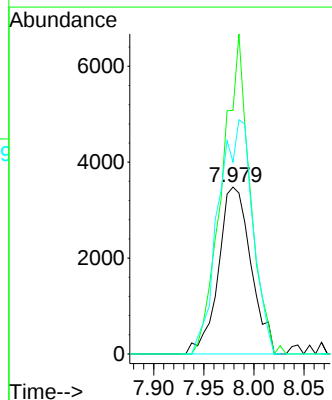
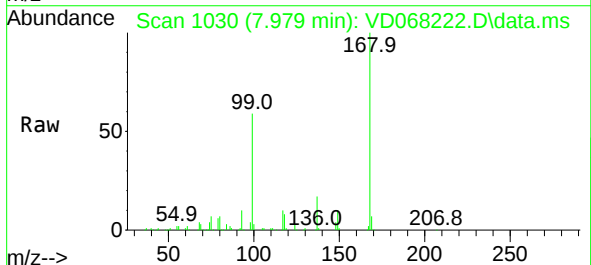


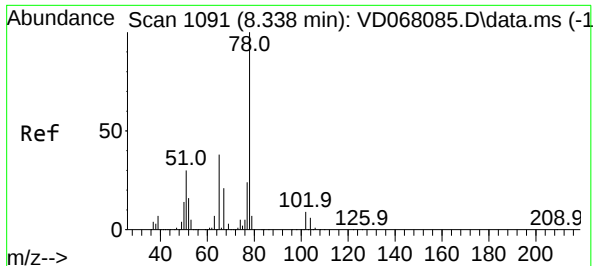
Tgt Ion: 84 Resp: 7661
Ion Ratio Lower Upper
84 100
49 108.8 77.4 116.2
51 24.9 26.1 39.1#
86 55.2 51.8 77.8



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Tgt Ion: 56 Resp: 7837
Ion Ratio Lower Upper
56 100
69 146.1 30.1 45.1#
84 115.0 82.1 123.1

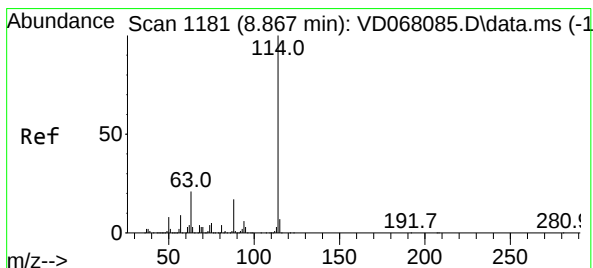
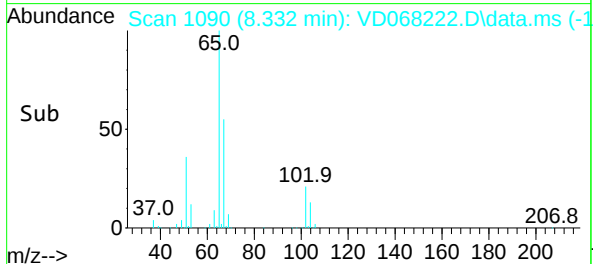
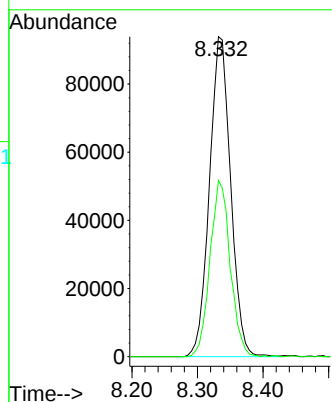
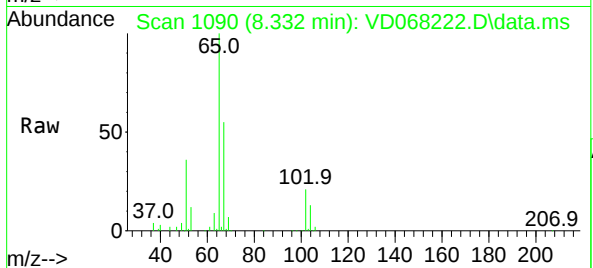




#33
 1,2-Dichloroethane-d4
 Concen: 62.53 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068222.D
 Acq: 28 Jan 2021 14:45

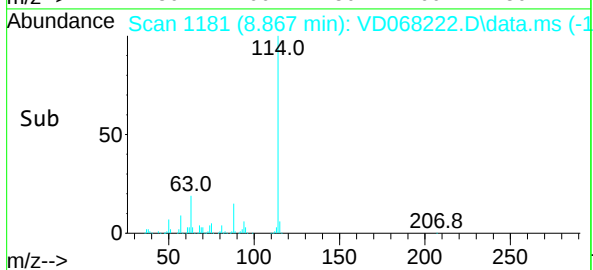
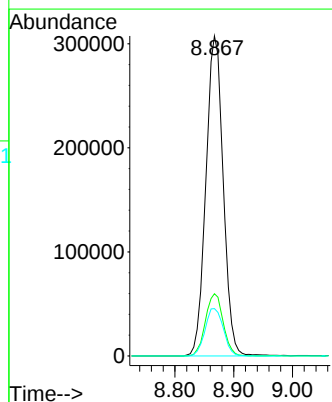
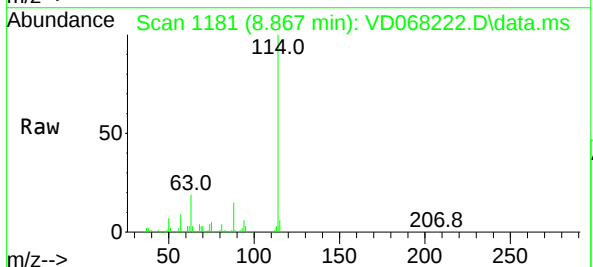
Instrument :
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 ClientSampleId :
 CRT-13

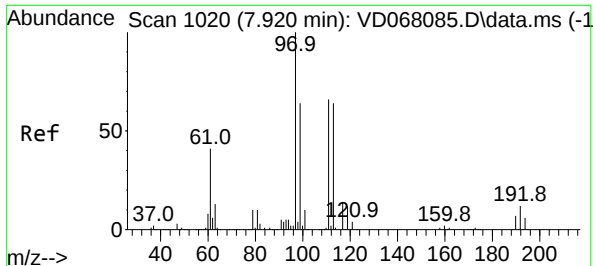
Tgt Ion: 65 Resp: 210759
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068222.D
 Acq: 28 Jan 2021 14:45

Tgt Ion: 114 Resp: 628735
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.8
 88 14.8 0.0 31.6

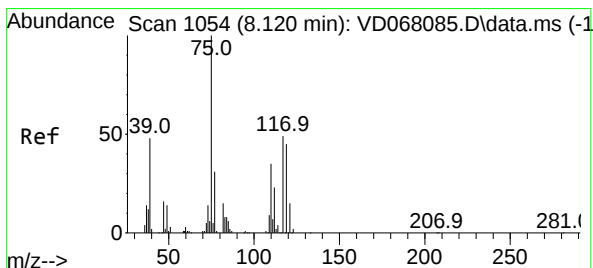
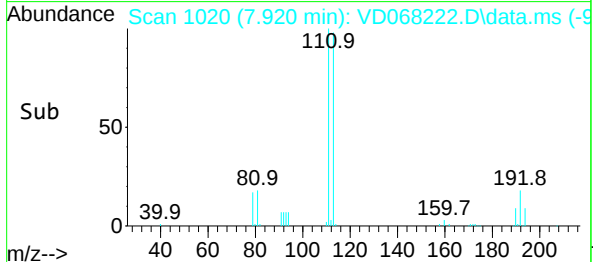
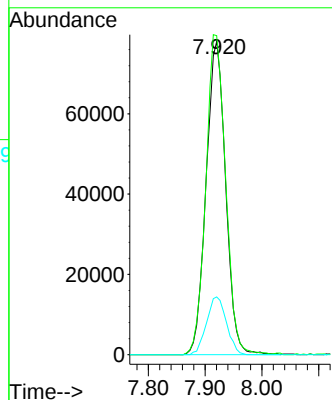
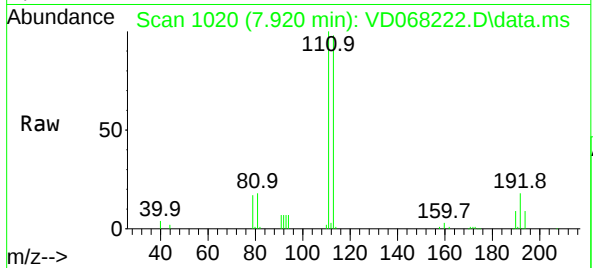




#35
Dibromofluoromethane
Concen: 53.50 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

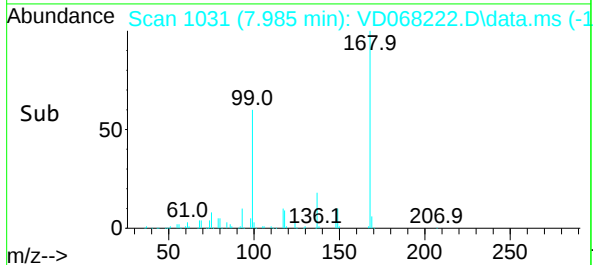
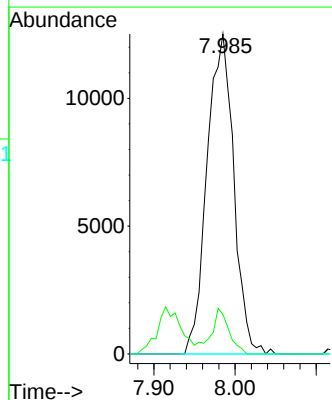
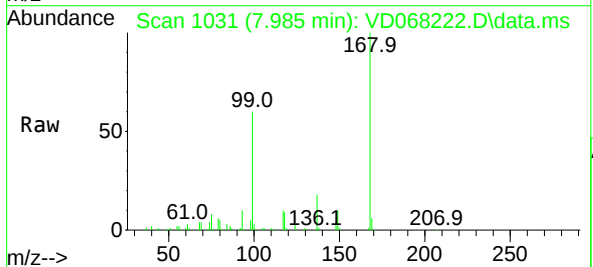
Instrument :
MSVOA_D
ClientSampled :
CRT-13

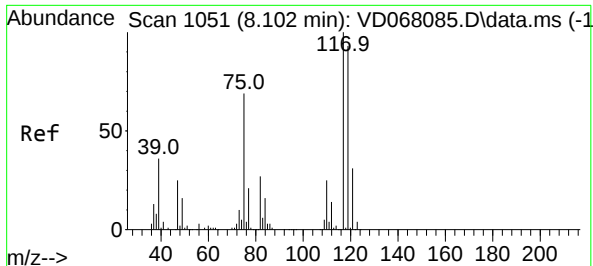
Tgt Ion:113 Resp: 185960
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 18.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

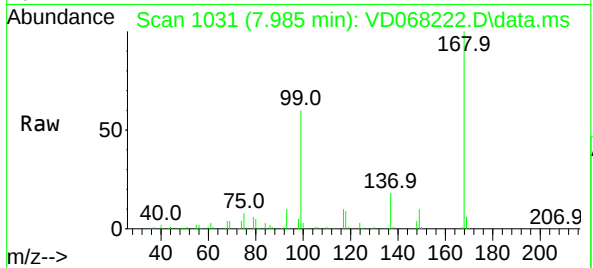
Tgt Ion: 75 Resp: 28567
Ion Ratio Lower Upper
75 100
110 8.5 19.4 58.2#
77 0.0 25.3 37.9#



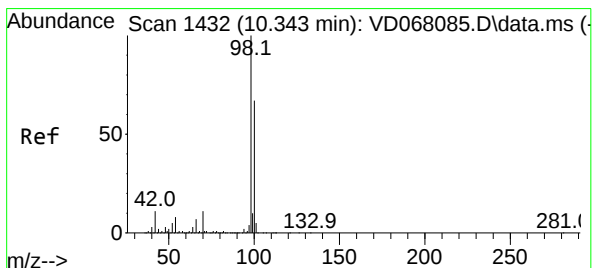
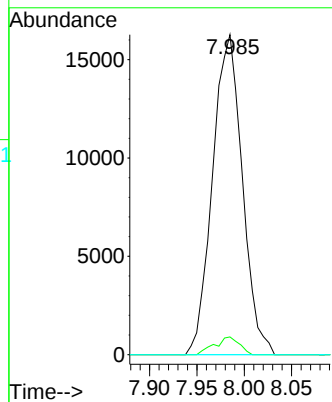
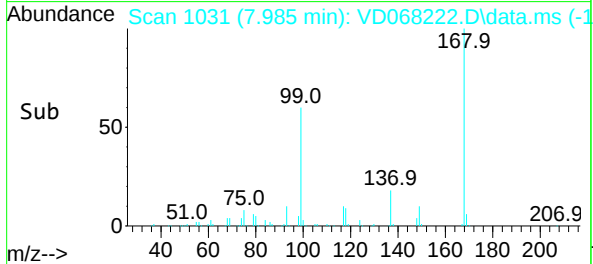


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

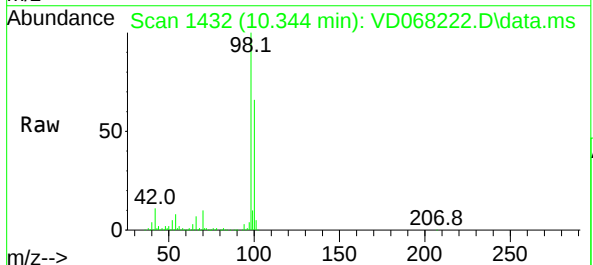
Instrument :
MSVOA_D
ClientSampleId :
CRT-13



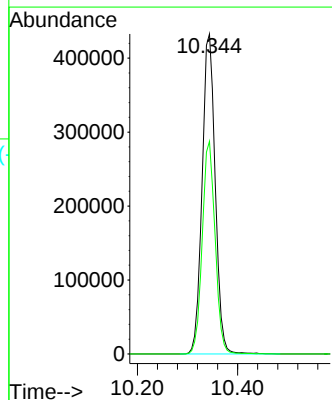
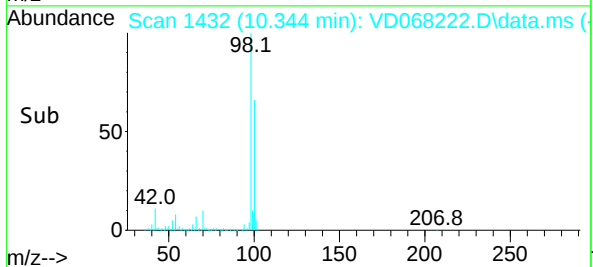
Tgt Ion:117 Resp: 35605
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.7 37.1#

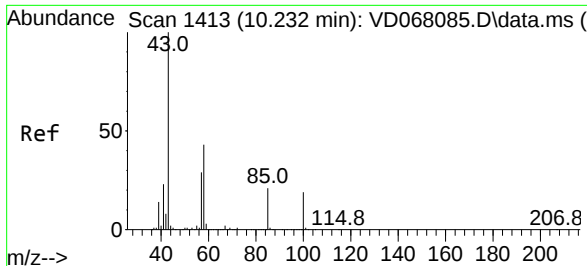


#50
Toluene-d8
Concen: 56.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45



Tgt Ion: 98 Resp: 784002
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

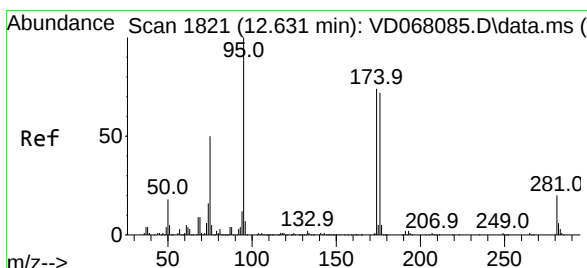
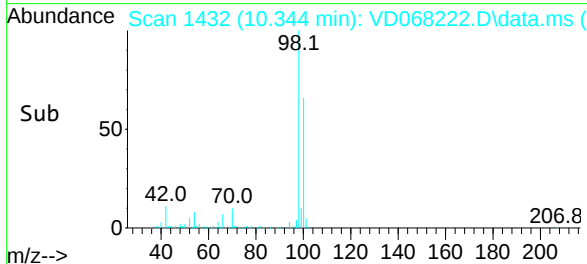
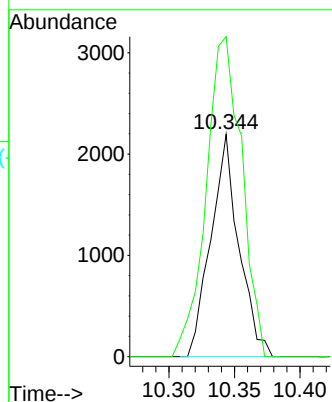
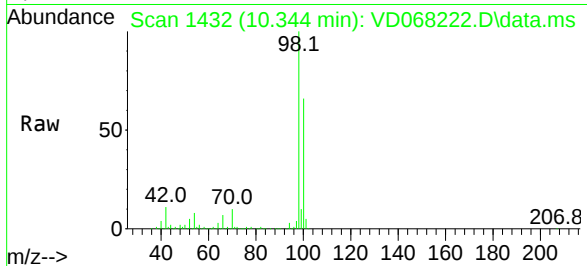




#51
4-Methyl-2-Pentanone
Concen: 1.50 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

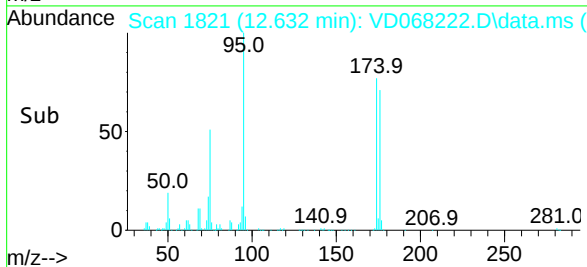
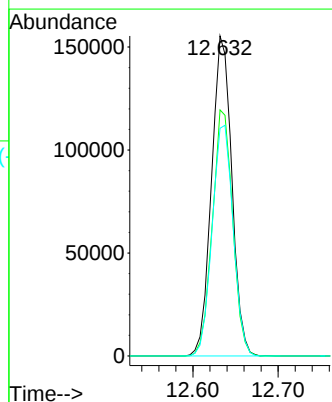
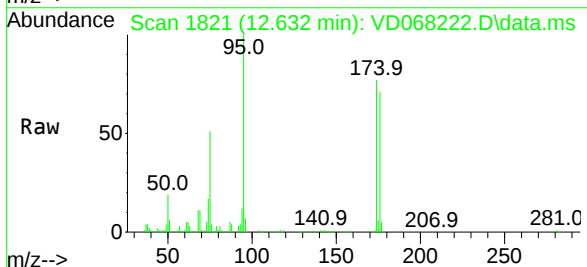
Instrument :
MSVOA_D
ClientSampled :
CRT-13

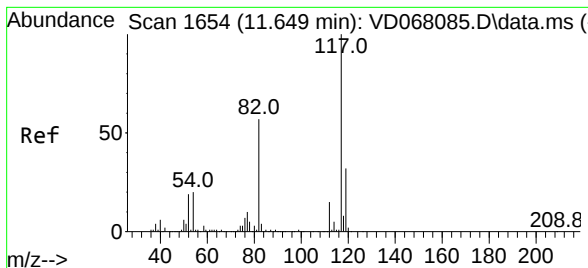
Tgt Ion: 43 Resp: 3266
Ion Ratio Lower Upper
43 100
58 182.5 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Tgt Ion: 95 Resp: 256504
Ion Ratio Lower Upper
95 100
174 77.1 0.0 172.4
176 74.7 0.0 168.4

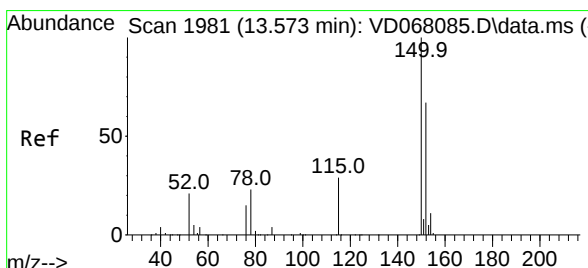
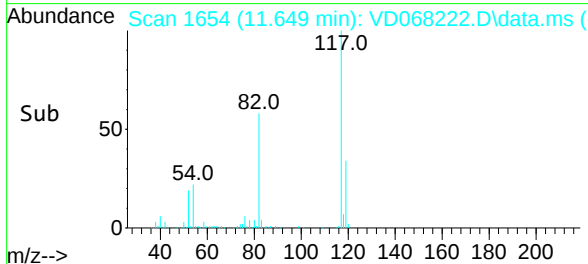
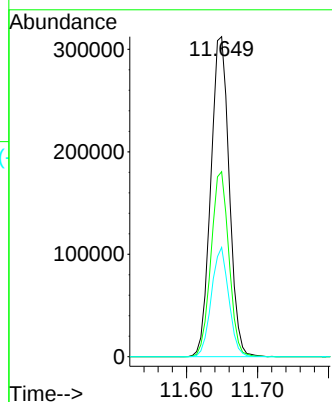
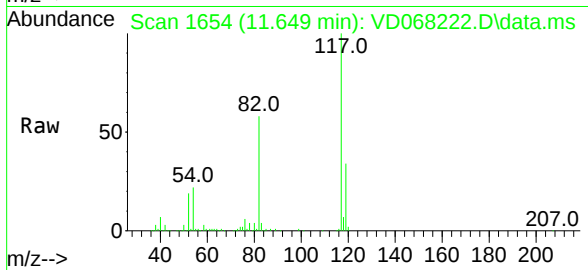




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

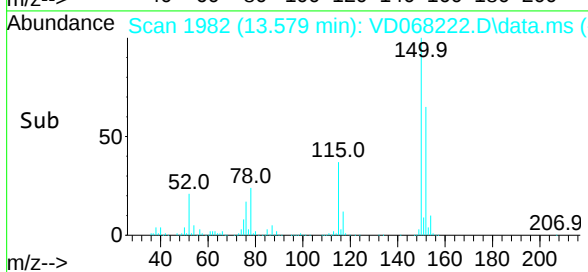
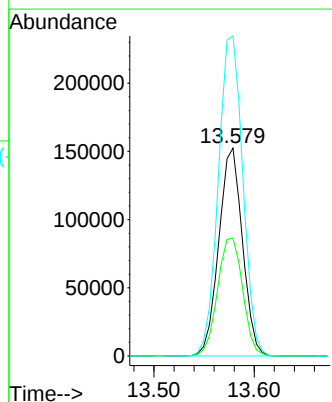
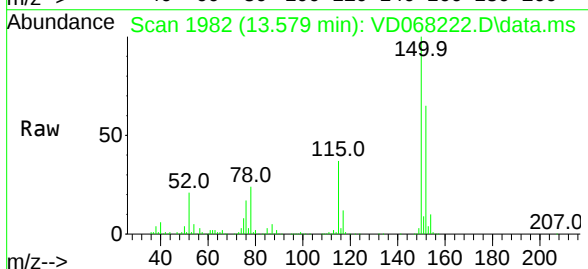
Instrument :
MSVOA_D
ClientSampleId :
CRT-13

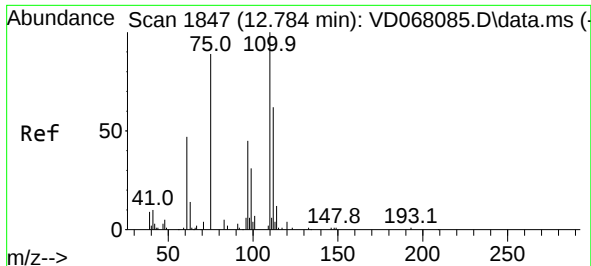
Tgt Ion:117 Resp: 560815
Ion Ratio Lower Upper
117 100
82 57.8 41.4 62.0
119 34.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Tgt Ion:152 Resp: 249485
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 159.3 0.0 344.4

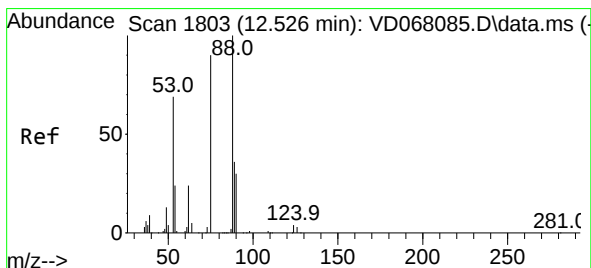
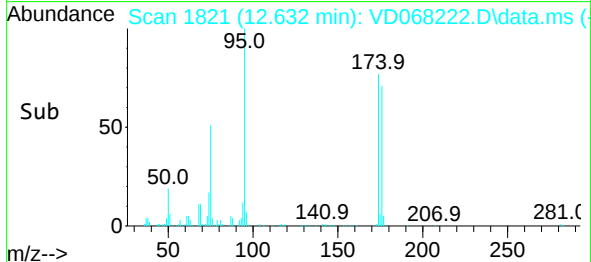
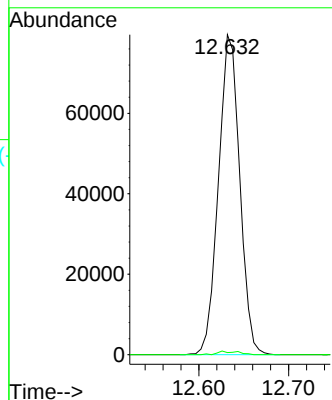
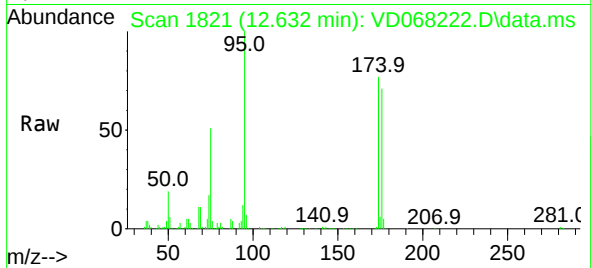




#76
1,2,3-Trichloropropane
Concen: 54.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampleId :
CRT-13

Tgt Ion: 75 Resp: 130994
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068222.D
Acq: 28 Jan 2021 14:45

Tgt Ion: 75 Resp: 130994
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

