

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068561.D
 Acq On : 08 Mar 2021 15:42
 Operator : VA/SY
 Sample : M1603-03
 Misc : 10.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33-NORTH

Quant Time: Mar 09 00:11:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

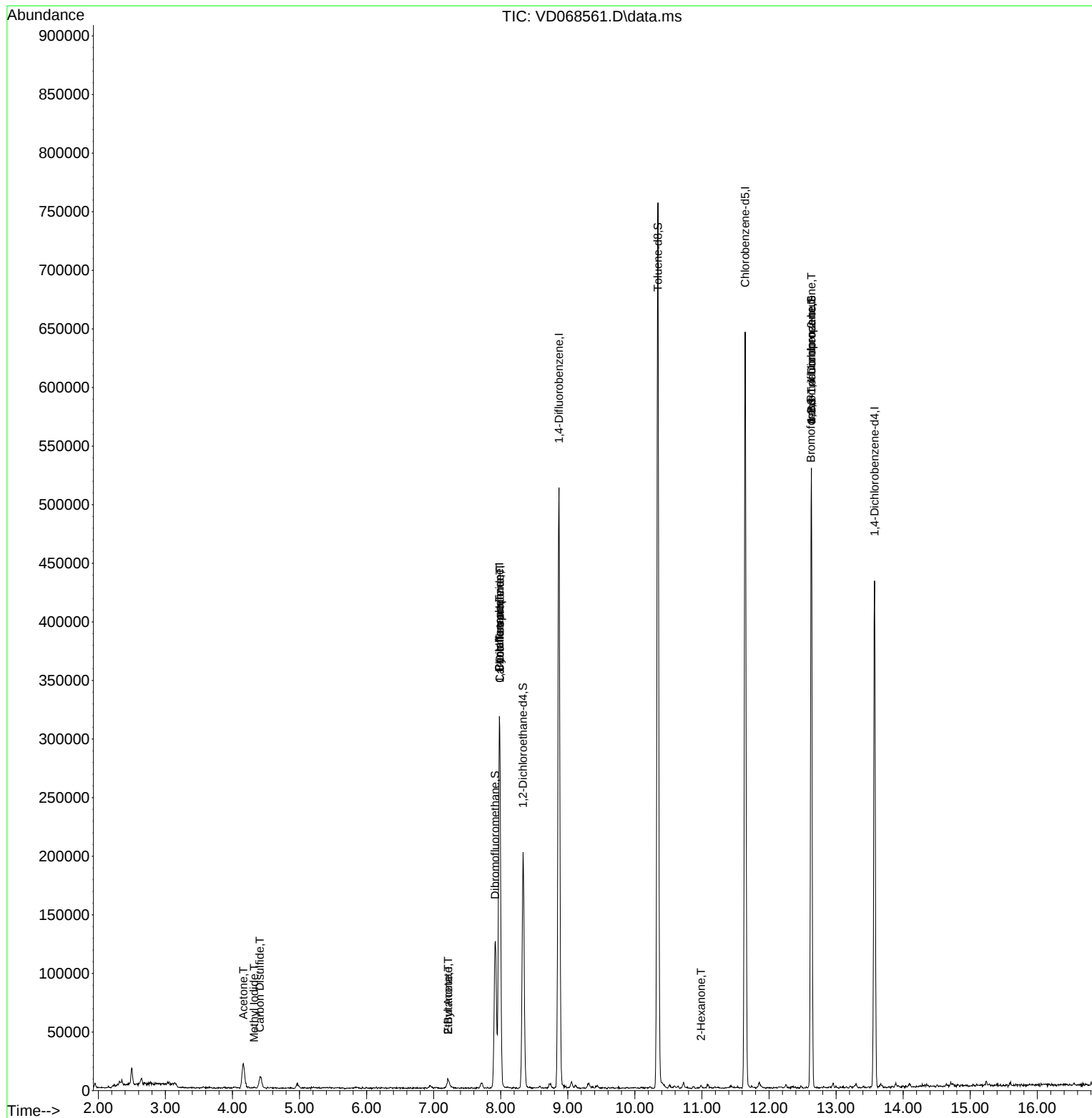
Internal Standards						
1) Pentafluorobenzene	7.979	168	248950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	464144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	391094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	121024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	157221	63.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.42%
35) Dibromofluoromethane	7.914	113	92735	33.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.34%
50) Toluene-d8	10.344	98	534107	47.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.92%
62) 4-Bromofluorobenzene	12.632	95	147798	41.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.36%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.321	142	547	2.79	ug/l #	38
16) Acetone	4.162	43	37974	96.11	ug/l	96
17) Carbon Disulfide	4.409	76	22048	2.69	ug/l	96
20) Methylene Chloride	4.962	84	1474	Below	Cal	97
25) 2-Butanone	7.215	43	11728	20.65	ug/l #	87
31) Cyclohexane	7.979	56	5193	1.15	ug/l #	41
36) 1,1-Dichloropropene	7.985	75	18316	4.15	ug/l #	48
37) Ethyl Acetate	7.215	43	11728	8.01	ug/l #	64
38) Carbon Tetrachloride	7.985	117	24585	5.93	ug/l #	17
59) 2-Hexanone	10.985	43	1402	1.49	ug/l	85
71) Bromoform	12.626	173	1478	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	75749	70.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	75749	164.53	ug/l #	14

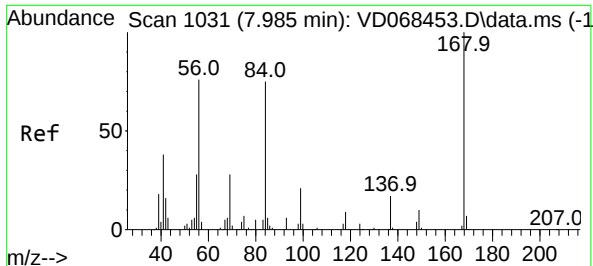
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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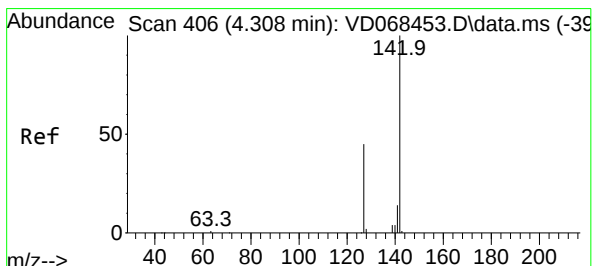
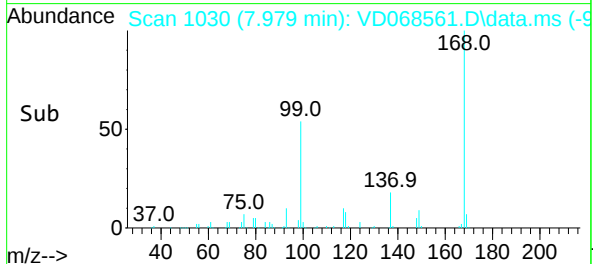
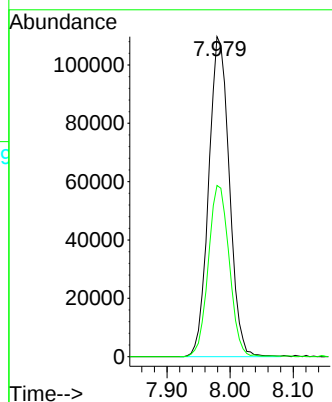
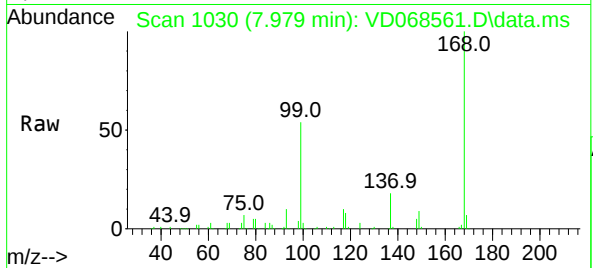




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

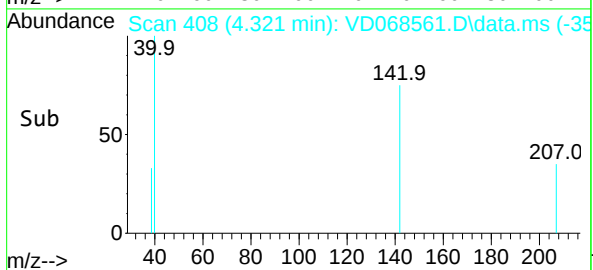
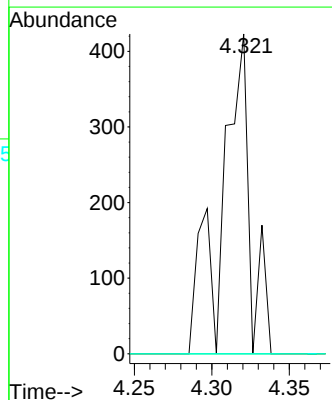
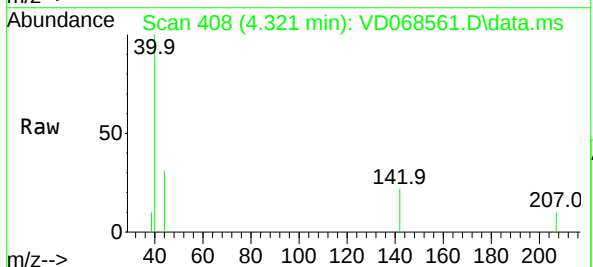
Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

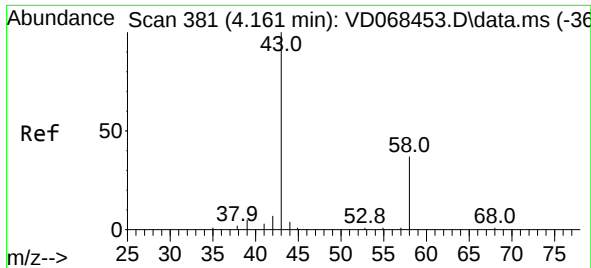
Tgt Ion:168 Resp: 248950
Ion Ratio Lower Upper
168 100
99 53.5 43.5 65.3



#10
Methyl Iodide
Concen: 2.79 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.013 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

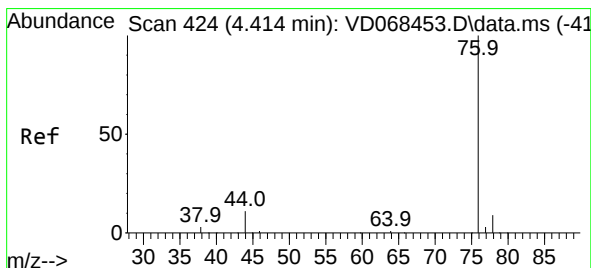
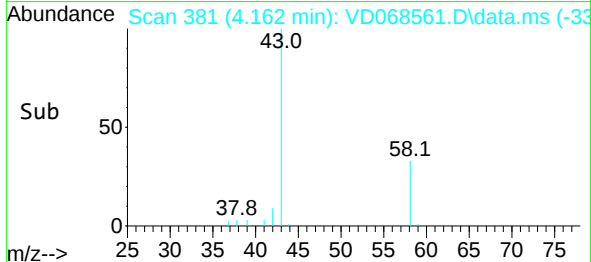
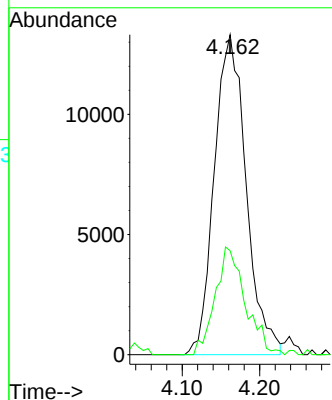
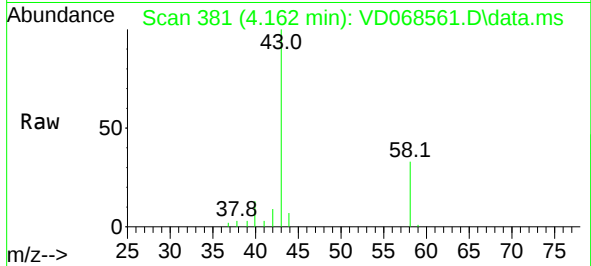




#16
Acetone
Concen: 96.11 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

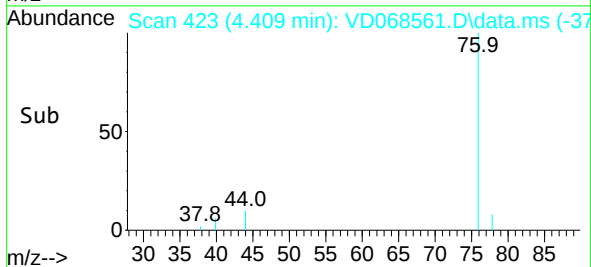
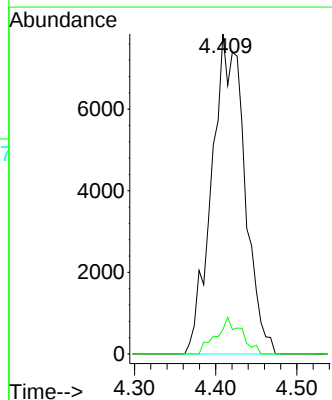
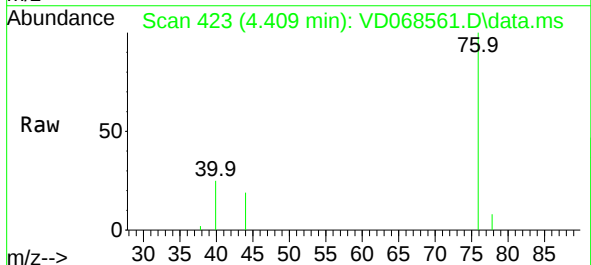
Instrument :
MSVOA_D
ClientSampled :
33-NORTH

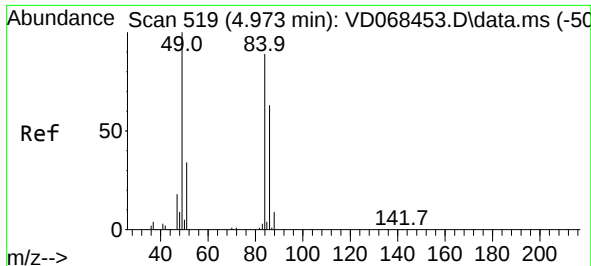
Tgt Ion: 43 Resp: 37974
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4



#17
Carbon Disulfide
Concen: 2.69 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 76 Resp: 22048
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



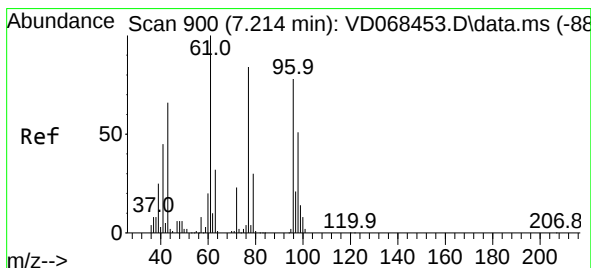
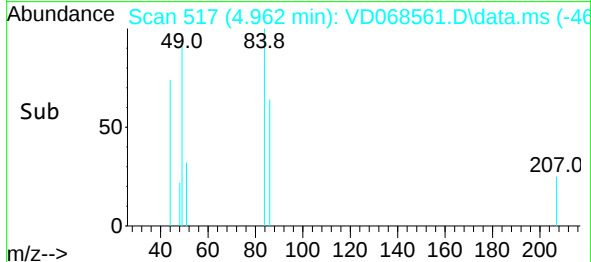
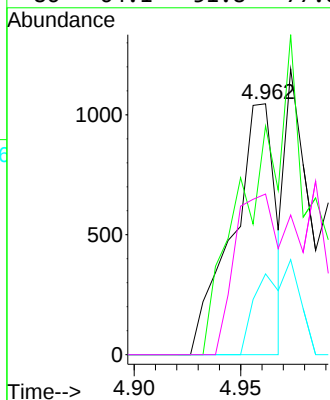
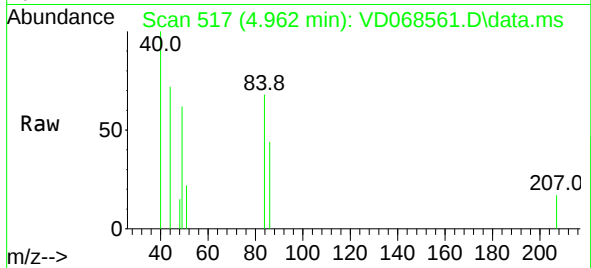


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

Tgt Ion: 84 Resp: 1474

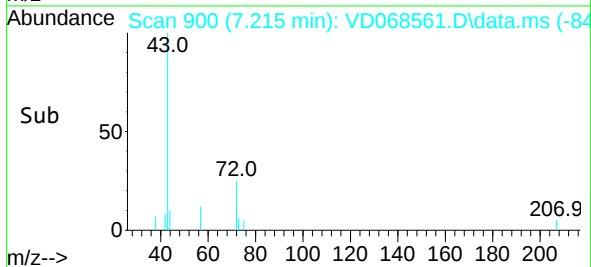
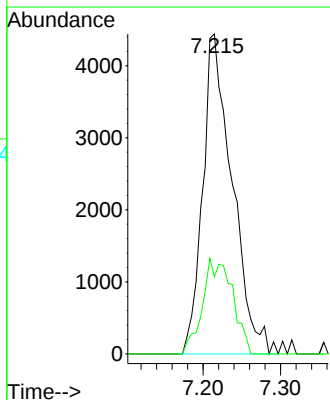
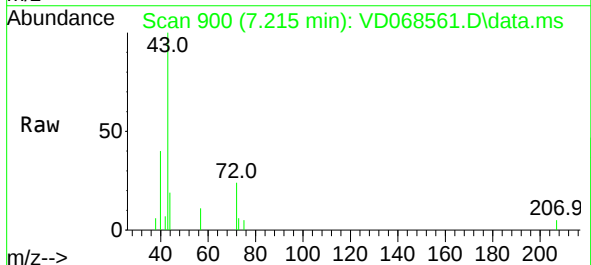
Ion	Ratio	Lower	Upper
84	100		
49	91.1	77.4	116.2
51	32.2	26.1	39.1
86	64.1	51.8	77.8

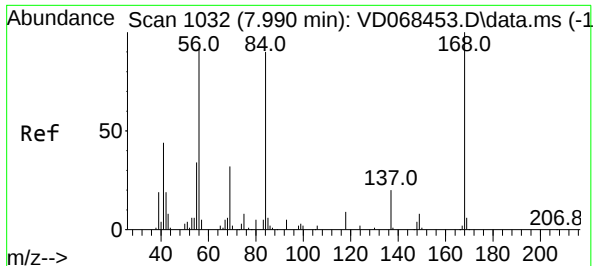


#25
2-Butanone
Concen: 20.65 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 43 Resp: 11728

Ion	Ratio	Lower	Upper
43	100		
72	24.1	25.1	37.7#

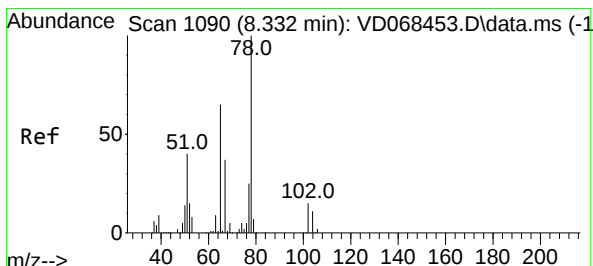
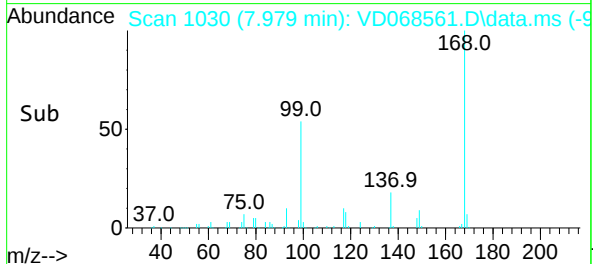
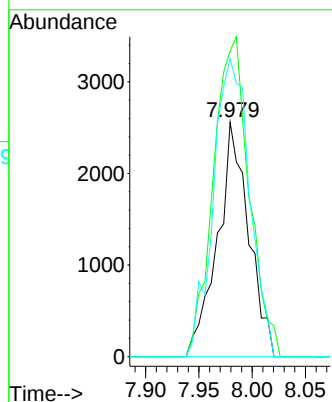
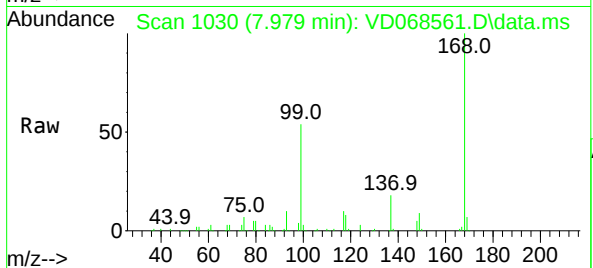




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

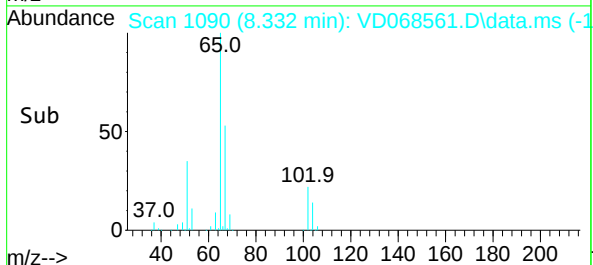
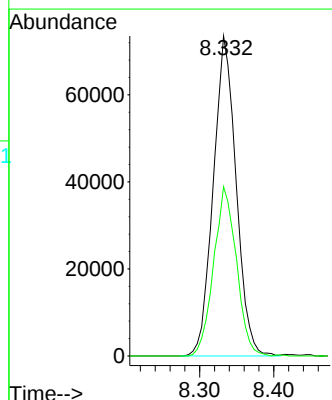
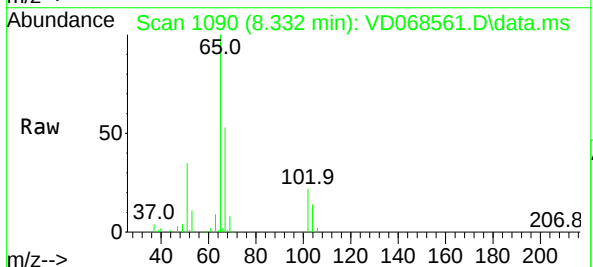
Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

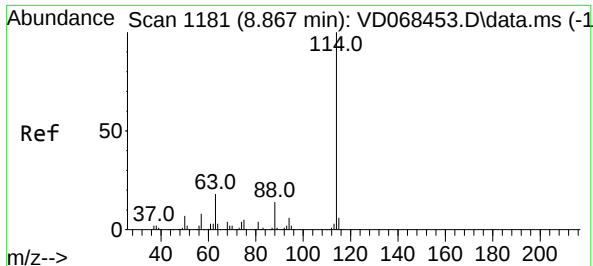
Tgt Ion: 56 Resp: 5193
Ion Ratio Lower Upper
56 100
69 130.4 30.1 45.1#
84 127.2 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 63.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 65 Resp: 157221
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



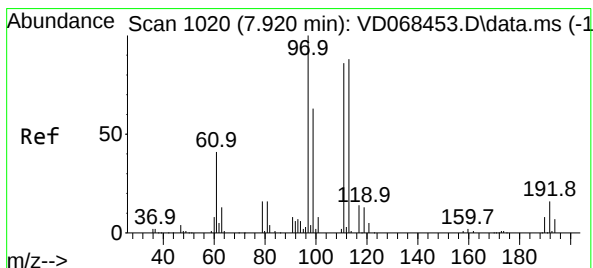
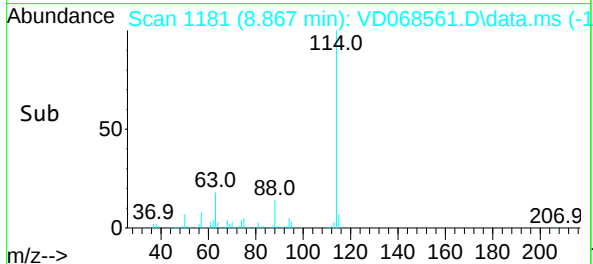
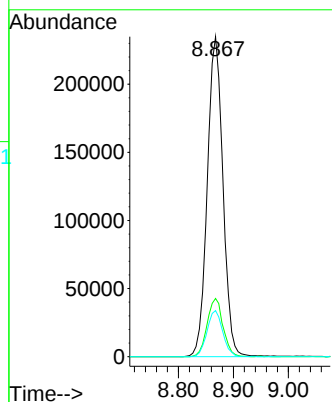
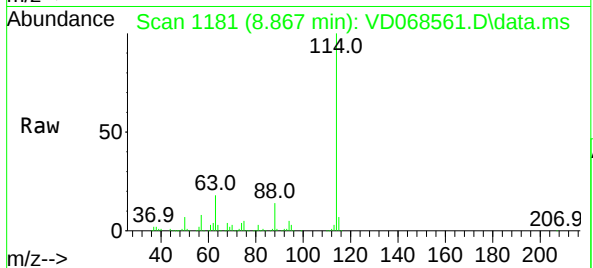


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

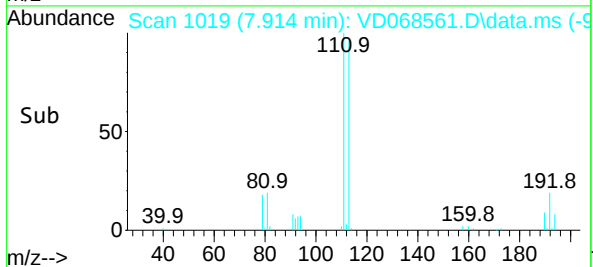
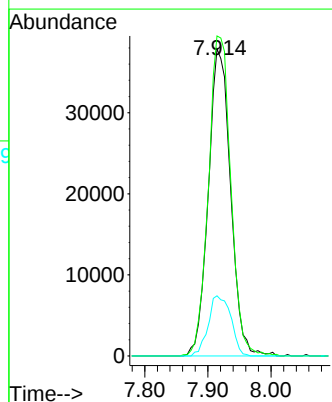
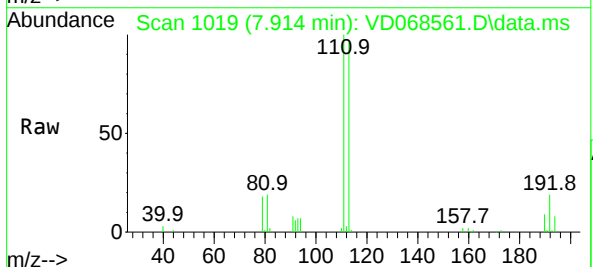
Tgt Ion:114 Resp: 464144
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 14.4 0.0 31.6

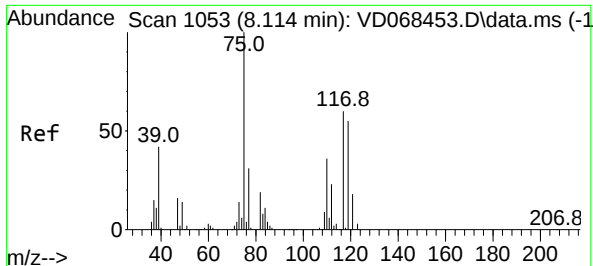


#35

Dibromofluoromethane
Concen: 33.17 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

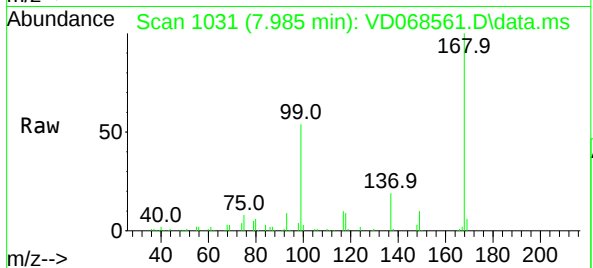
Tgt Ion:113 Resp: 92735
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 19.9 16.1 24.1



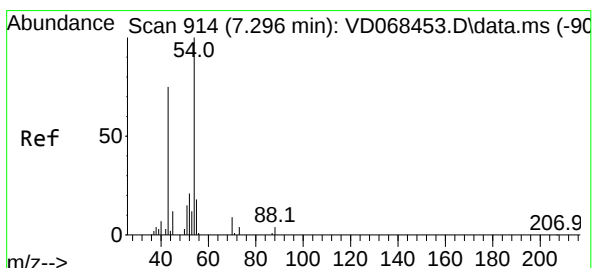
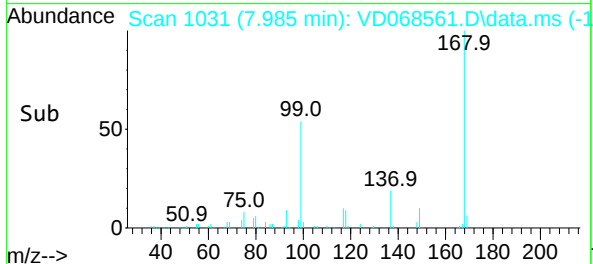
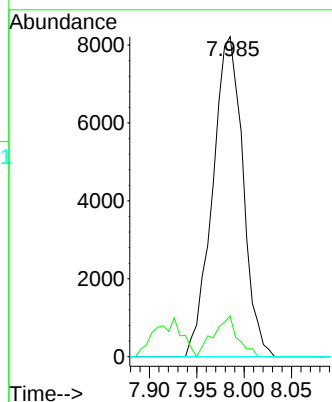


#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Instrument :
MSVOA_D
ClientSampled :
33-NORTH

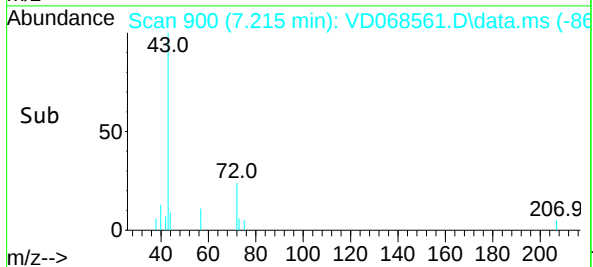
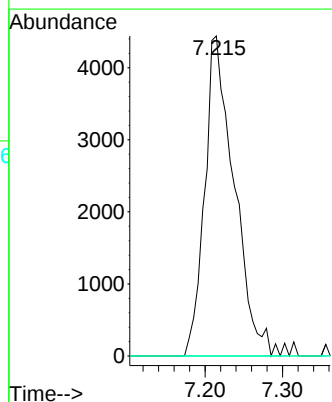
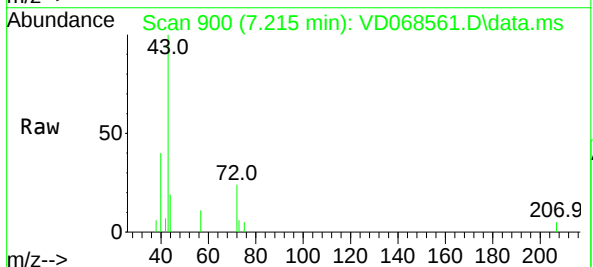


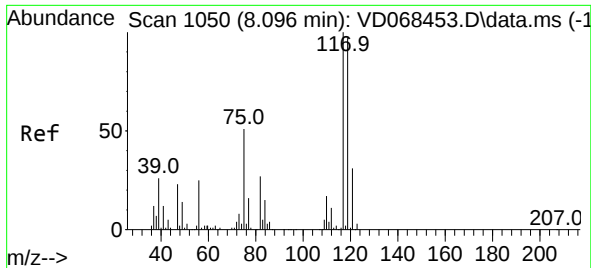
Tgt Ion: 75 Resp: 18316
Ion Ratio Lower Upper
75 100
110 10.1 19.4 58.2#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 8.01 ug/l
RT: 7.215 min Scan# 900
Delta R.T. -0.082 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

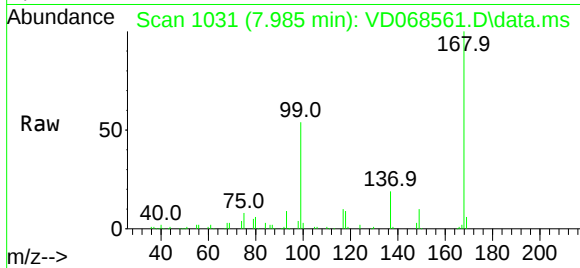
Tgt Ion: 43 Resp: 11728
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 0.0 11.0 16.6#



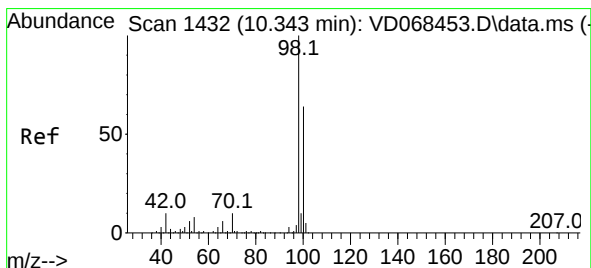
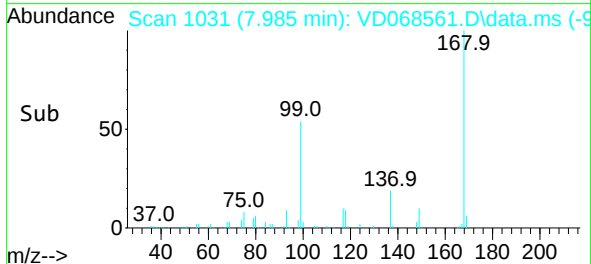
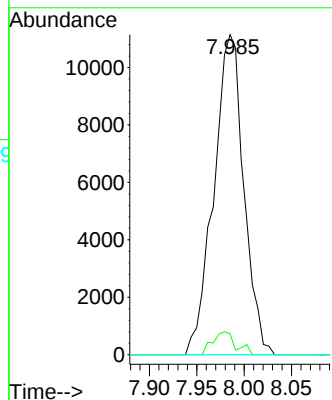


#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

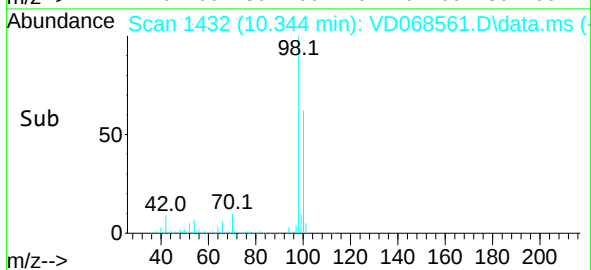
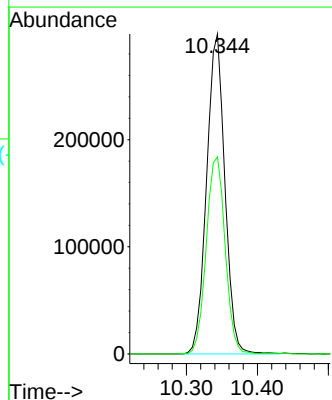
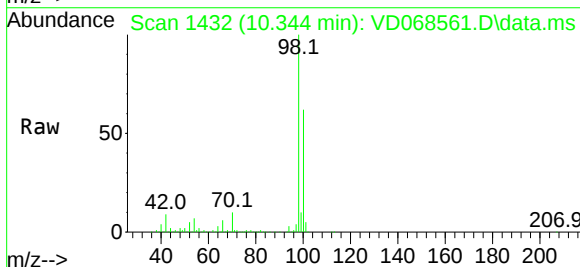


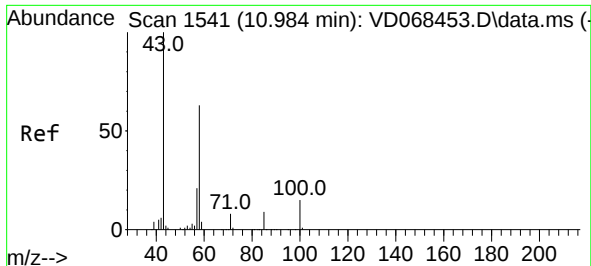
Tgt Ion:117 Resp: 24585
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 98 Resp: 534107
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.4

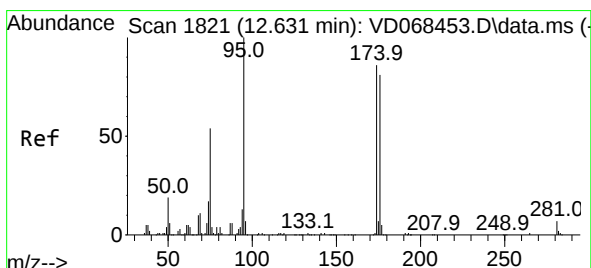
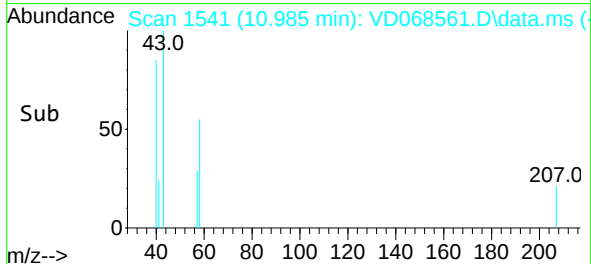
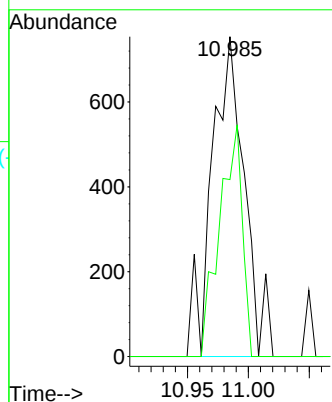
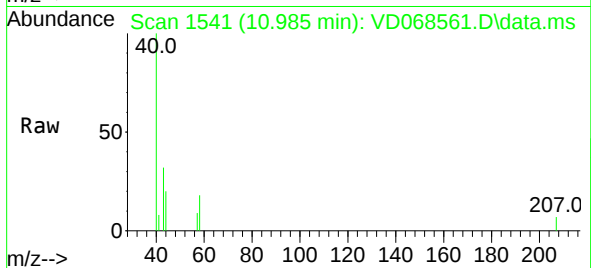




#59
2-Hexanone
Concen: 1.49 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

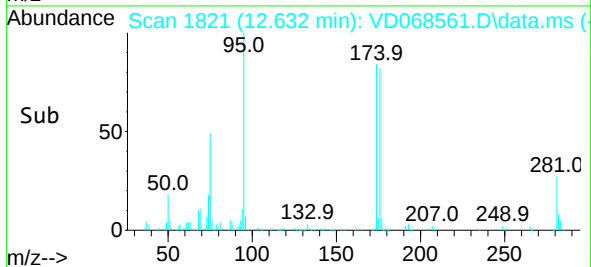
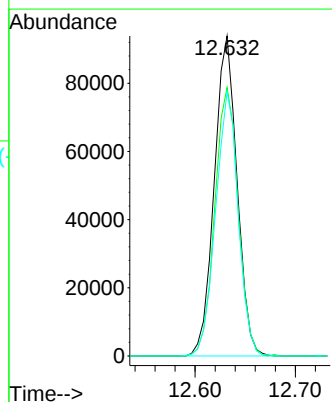
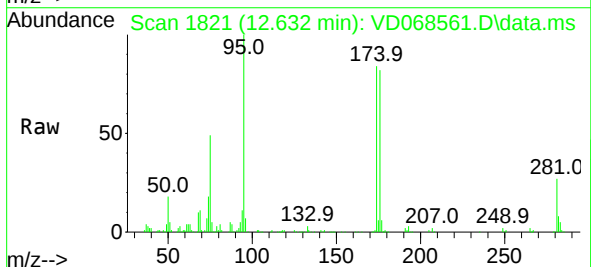
Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

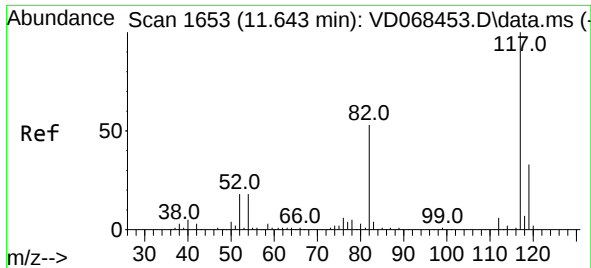
Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 50.6 31.0 93.0



#62
4-Bromofluorobenzene
Concen: 41.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion: 95 Resp: 147798
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.4
176 82.0 0.0 168.4

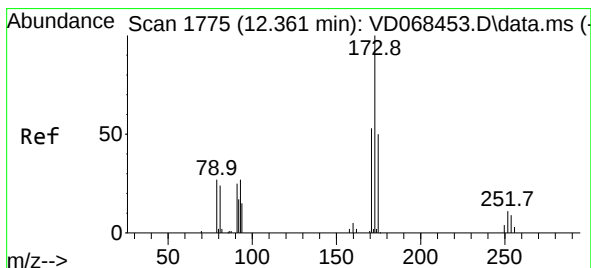
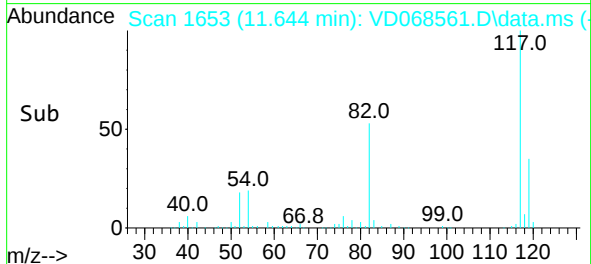
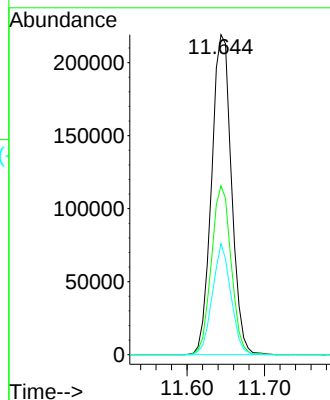
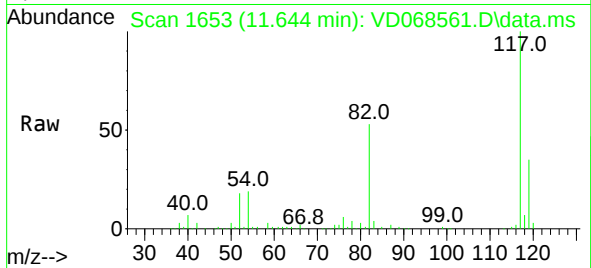




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

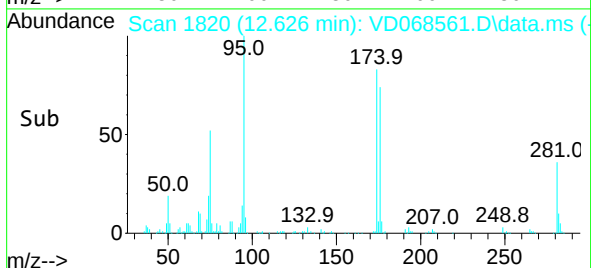
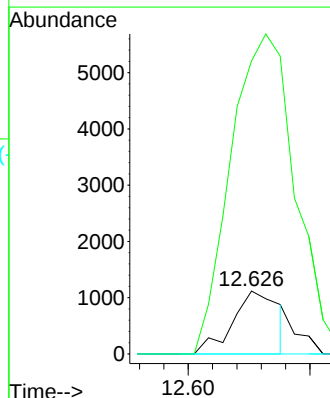
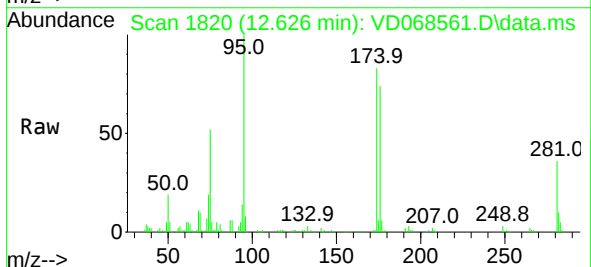
Instrument :
MSVOA_D
ClientSampleId :
33-NORTH

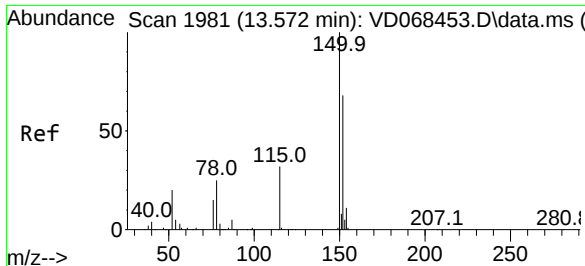
Tgt Ion:117 Resp: 391094
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.0
119 34.7 26.1 39.1



#71
Bromoform
Concen: 1.05 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068561.D
Acq: 08 Mar 2021 15:42

Tgt Ion:173 Resp: 1478
Ion Ratio Lower Upper
173 100
175 571.4 24.6 73.8#
254 0.0 0.0 0.0

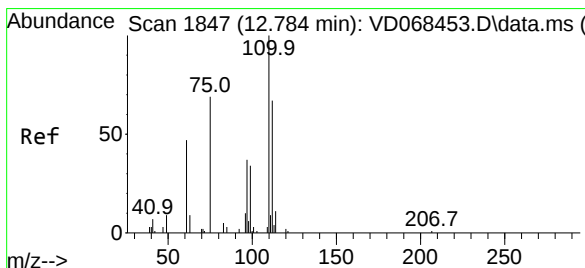
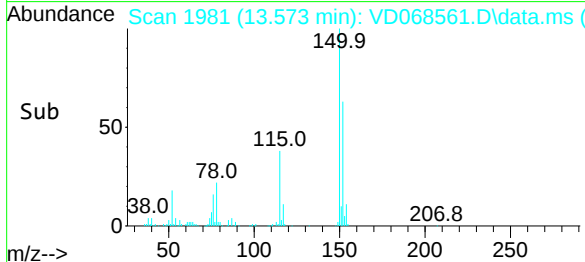
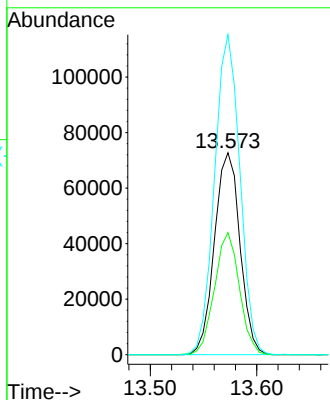
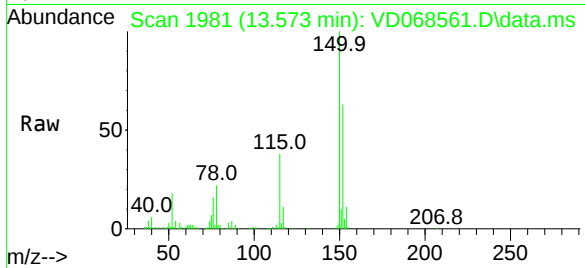




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068561.D
 Acq: 08 Mar 2021 15:42

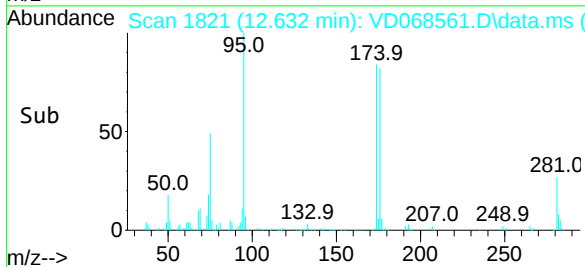
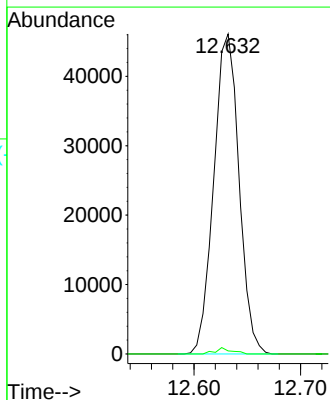
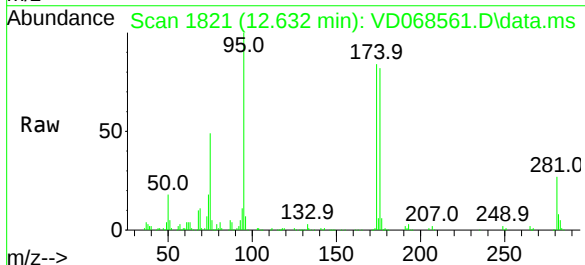
Instrument :
 MSVOA_D
 ClientSampleId :
 33-NORTH

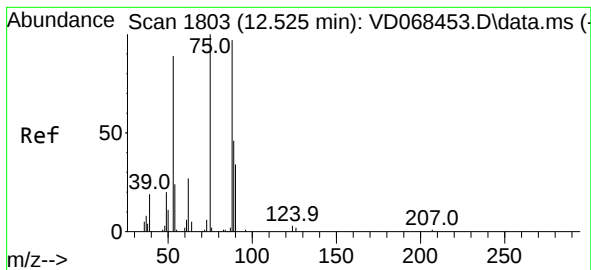
Tgt Ion:152 Resp: 121024
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.9 86.8
 150 157.2 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 70.50 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068561.D
 Acq: 08 Mar 2021 15:42

Tgt Ion: 75 Resp: 75749
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.53 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068561.D
 Acq: 08 Mar 2021 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 33-NORTH

Tgt Ion: 75 Resp: 75749
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.4 40.3 60.5#

