

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068559.D
 Acq On : 08 Mar 2021 14:46
 Operator : VA/SY
 Sample : M1603-01
 Misc : 7.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31-NORTH

Quant Time: Mar 09 00:10:39 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	7.985	168	127475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	226411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	231327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	114654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	87527	68.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.44%
35) Dibromofluoromethane	7.914	113	70332	51.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.14%
50) Toluene-d8	10.338	98	287111	52.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.70%
62) 4-Bromofluorobenzene	12.632	95	98181	56.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.16%

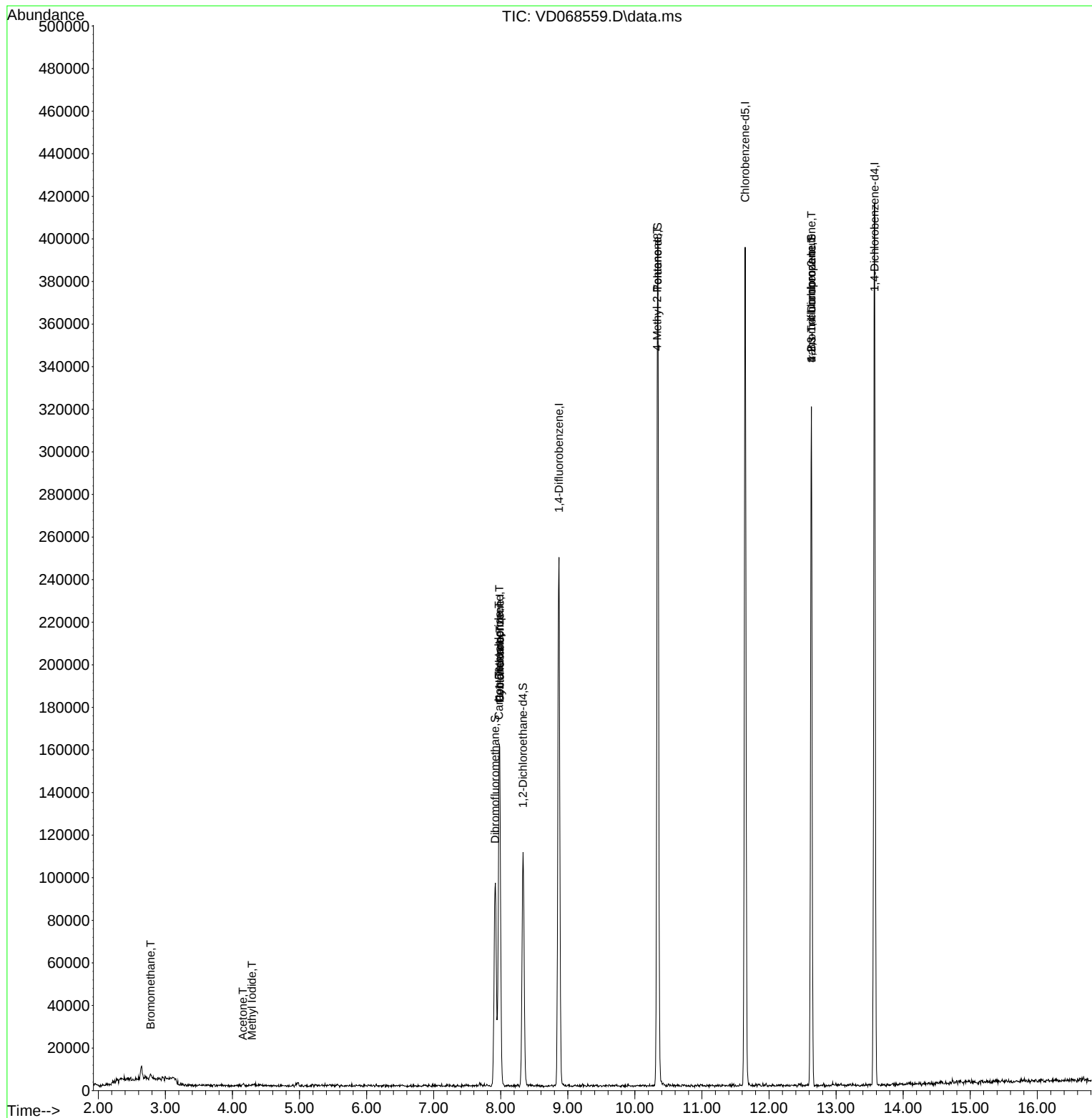
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1993	1.51	ug/l #	43
10) Methyl Iodide	4.291	142	1267	3.40	ug/l #	38
16) Acetone	4.156	43	556	2.75	ug/l #	75
20) Methylene Chloride	4.973	84	785	Below Cal	#	71
31) Cyclohexane	7.985	56	2878	1.24	ug/l #	60
36) 1,1-Dichloropropene	7.979	75	10022	4.66	ug/l #	46
38) Carbon Tetrachloride	7.973	117	12484	6.17	ug/l #	14
51) 4-Methyl-2-Pentanone	10.332	43	1216	1.77	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	49599	48.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	49599	113.72	ug/l #	13

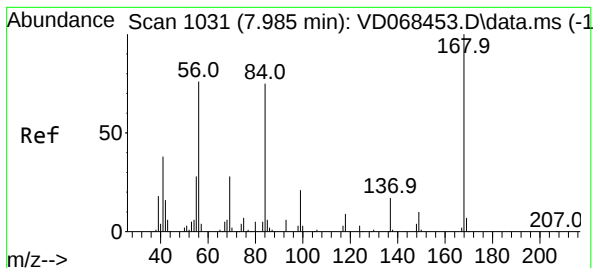
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
Data File : VD068559.D
Acq On : 08 Mar 2021 14:46
Operator : VA/SY
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Misc : 7.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

Quant Time: Mar 09 00:10:39 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

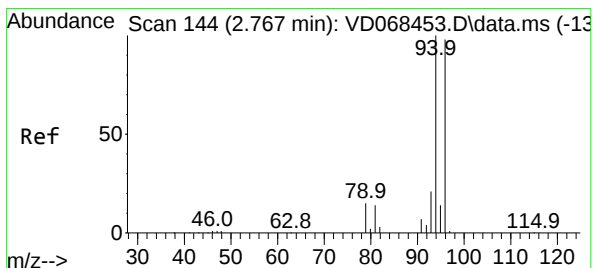
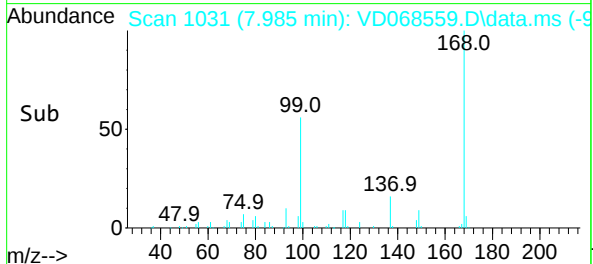
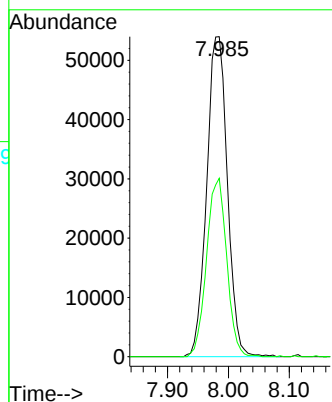
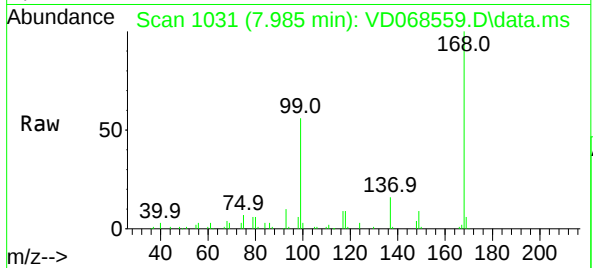




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

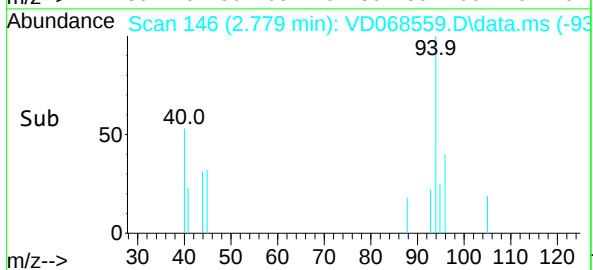
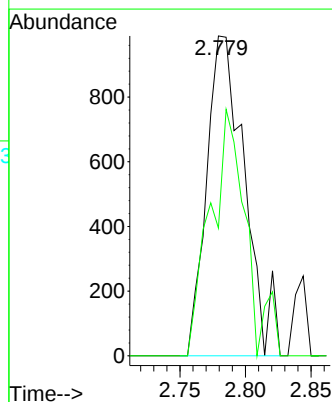
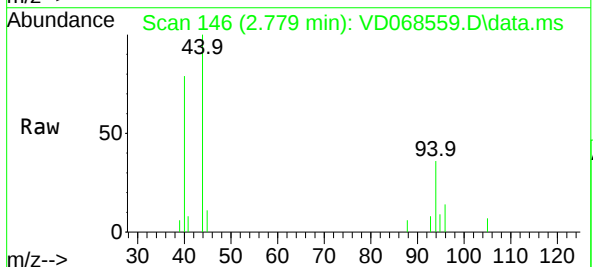
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

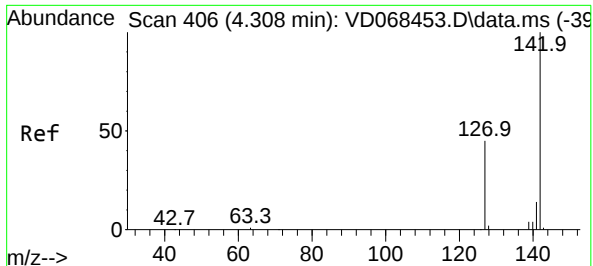
Tgt Ion:168 Resp: 127475
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#5
Bromomethane
Concen: 1.51 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 94 Resp: 1993
Ion Ratio Lower Upper
94 100
96 39.9 75.8 113.8#

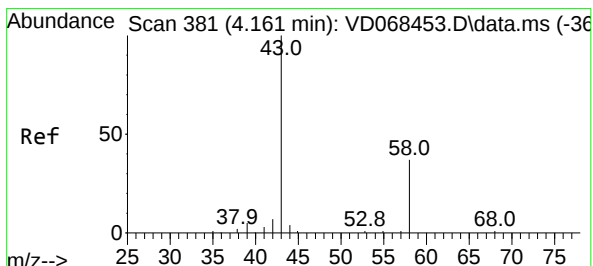
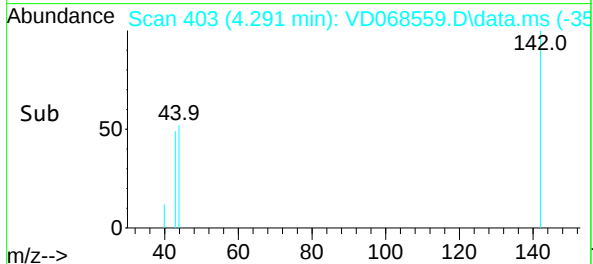
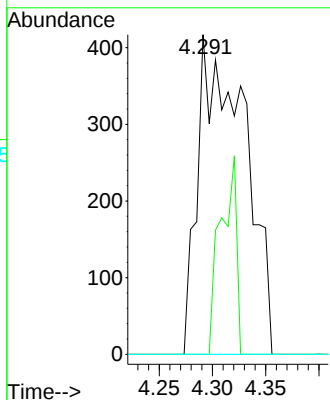
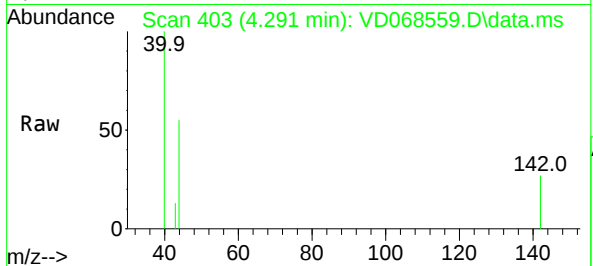




#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

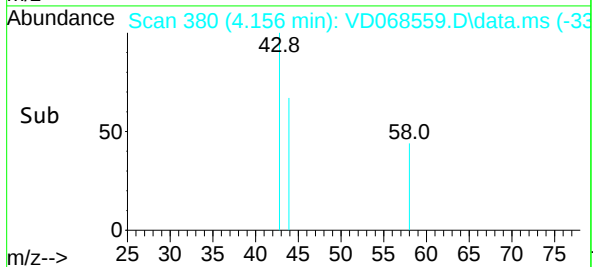
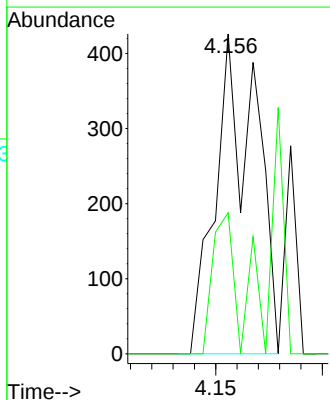
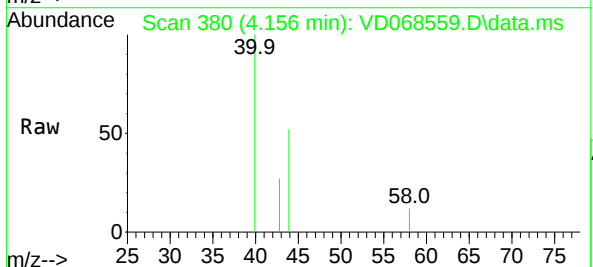
Instrument :
MSVOA_D
ClientSampled :
31-NORTH

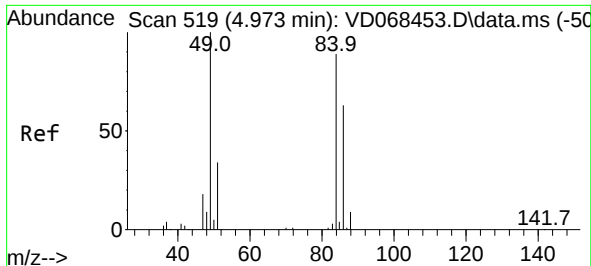
Tgt Ion:142 Resp: 1267
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 2.75 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

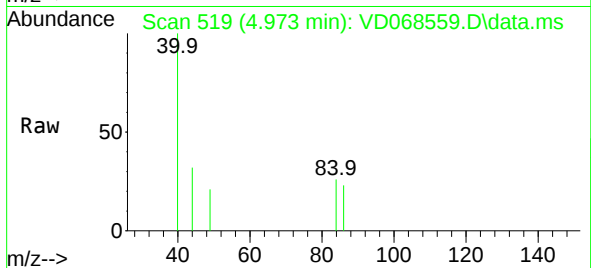
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 44.1 24.2 36.4#



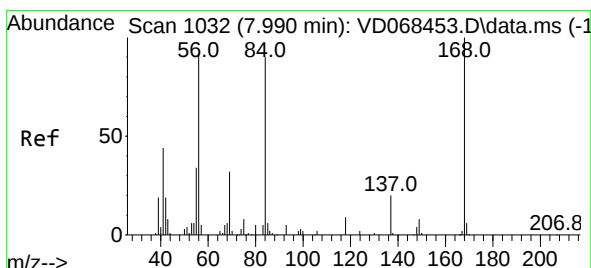
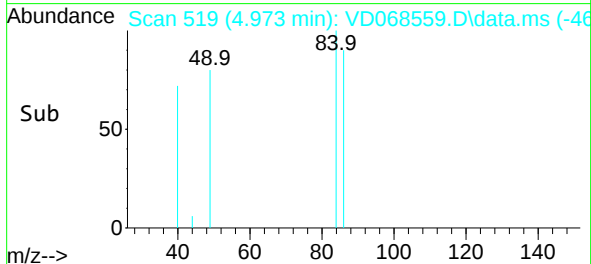
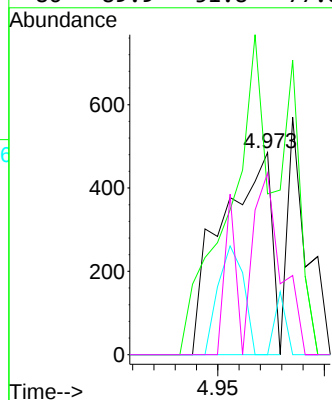


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

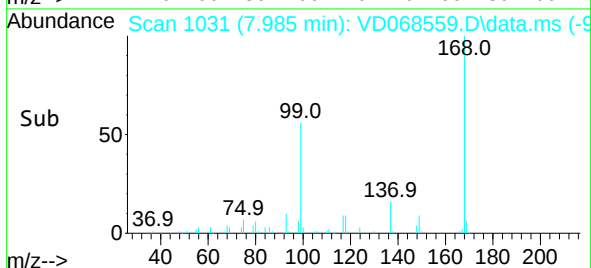
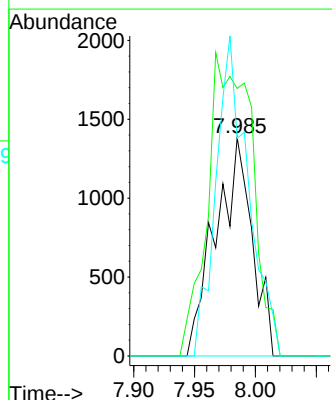
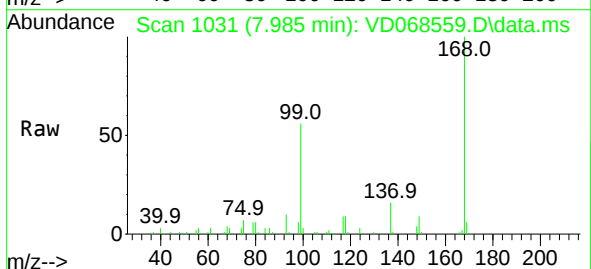


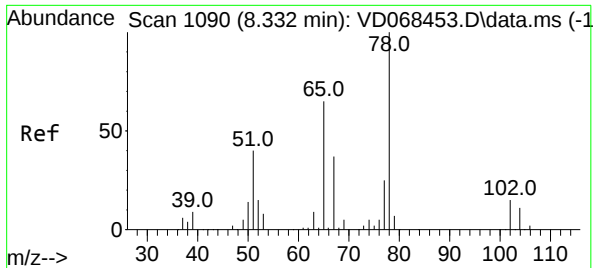
Tgt Ion:	84	Resp:	785
Ion	Ratio	Lower	Upper
84	100		
49	79.6	77.4	116.2
51	0.0	26.1	39.1#
86	89.9	51.8	77.8#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion:	56	Resp:	2878
Ion	Ratio	Lower	Upper
56	100		
69	122.5	30.1	45.1#
84	99.6	82.1	123.1

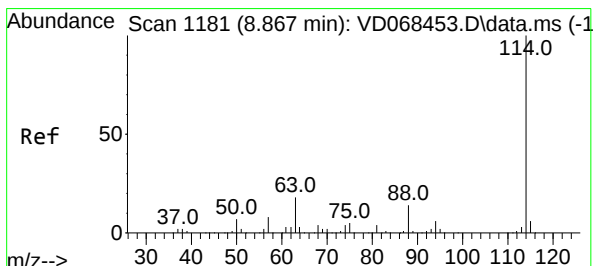
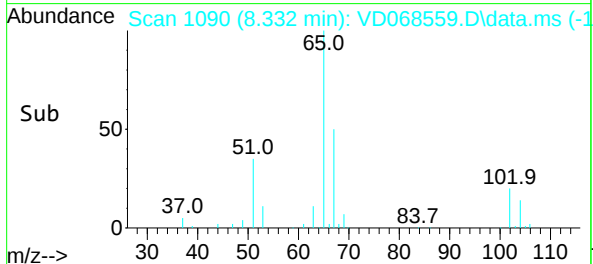
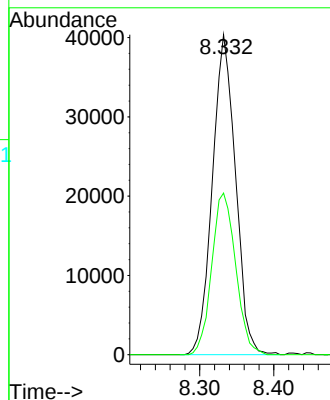
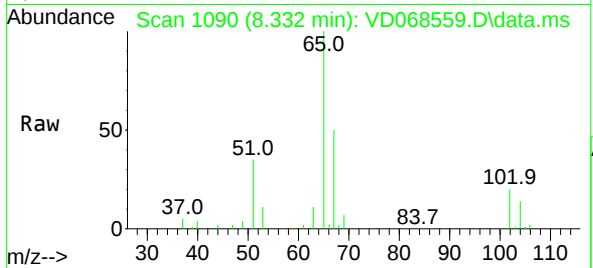




#33
1,2-Dichloroethane-d4
Concen: 68.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

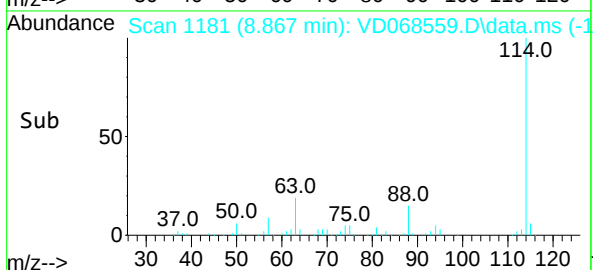
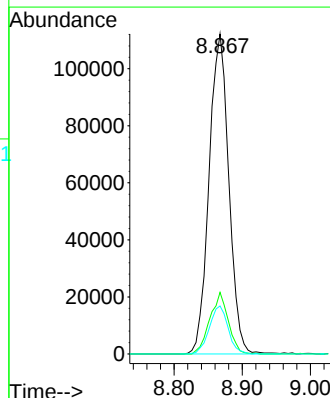
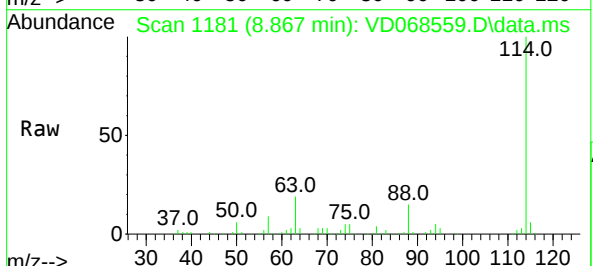
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

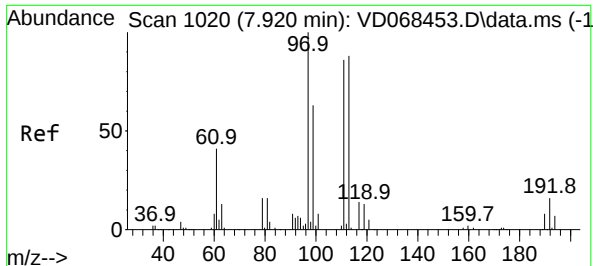
Tgt Ion: 65 Resp: 87527
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 114 Resp: 226411
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.57 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068559.D

Acq: 08 Mar 2021 14:46

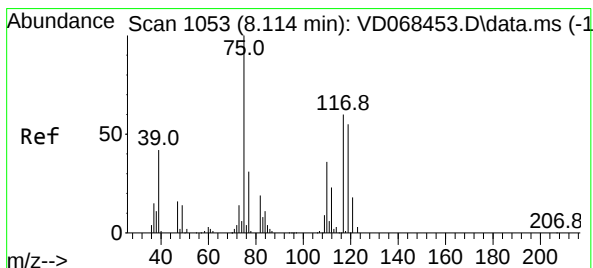
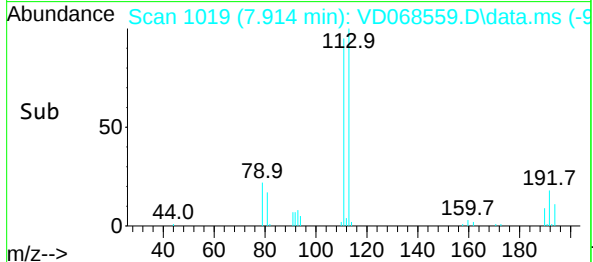
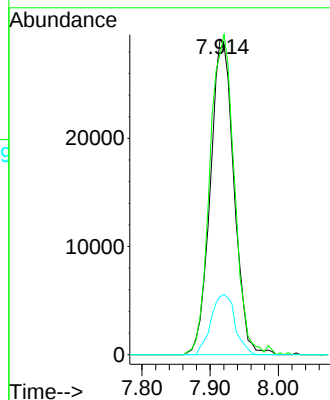
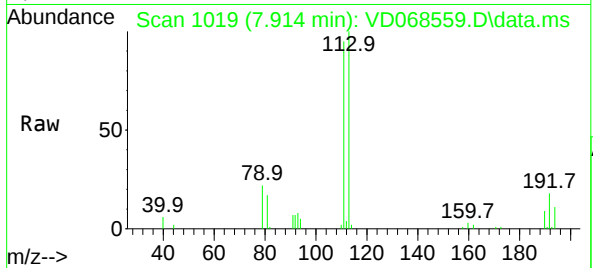
Tgt Ion:113 Resp: 70332

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 19.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068559.D

Acq: 08 Mar 2021 14:46

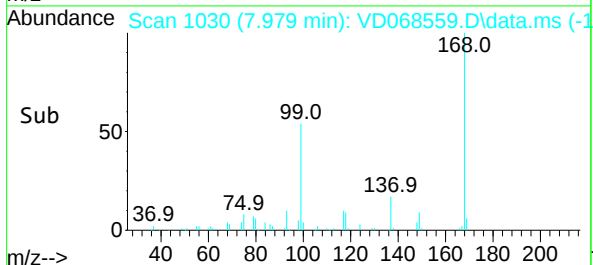
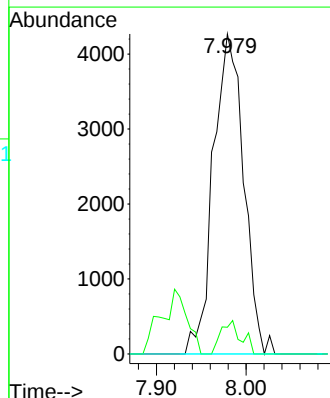
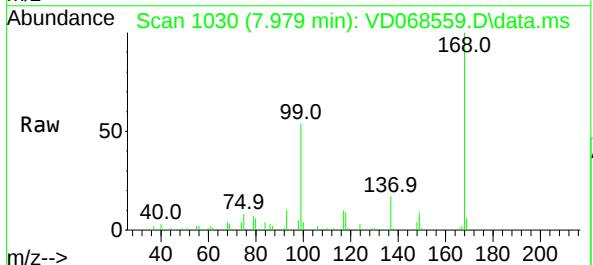
Tgt Ion: 75 Resp: 10022

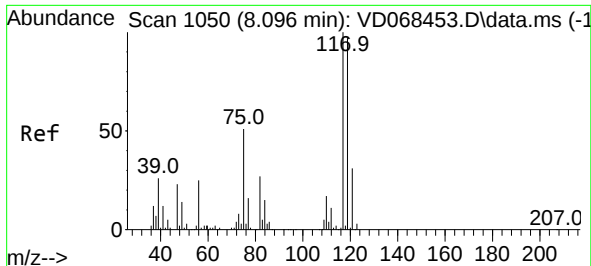
Ion Ratio Lower Upper

75 100

110 6.9 19.4 58.2#

77 0.0 25.3 37.9#

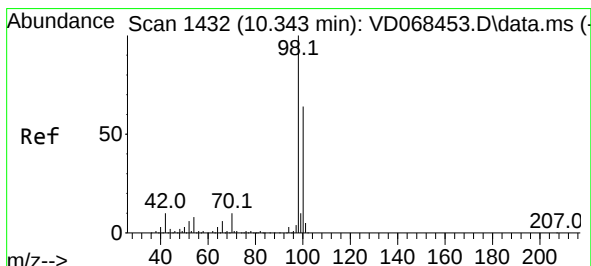
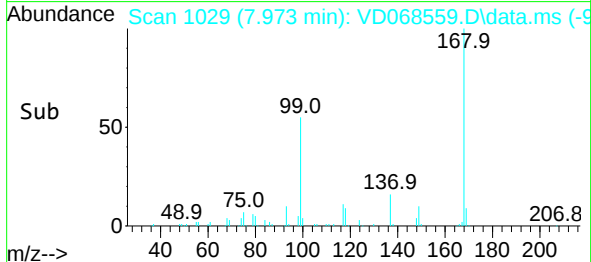
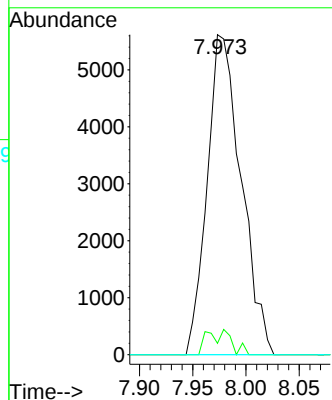
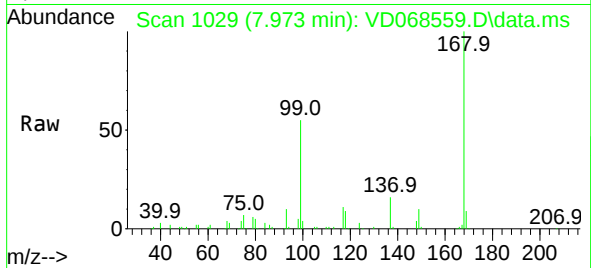




#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

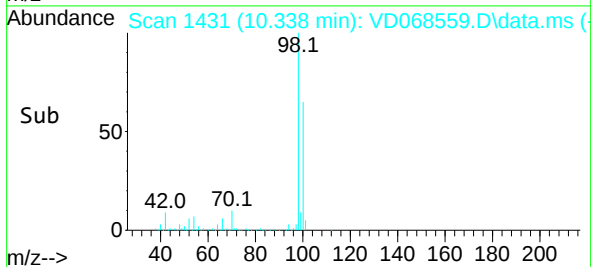
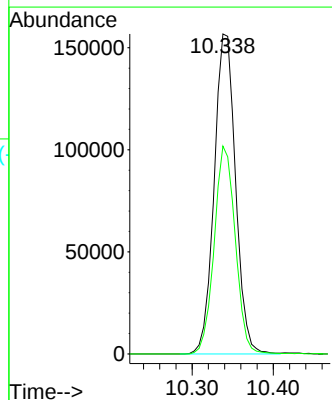
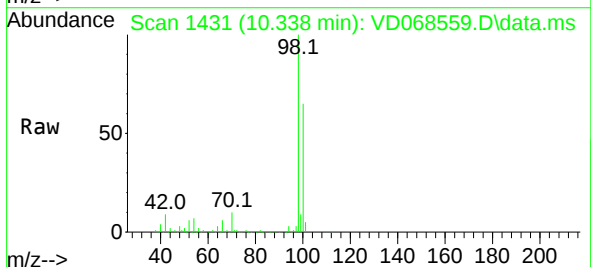
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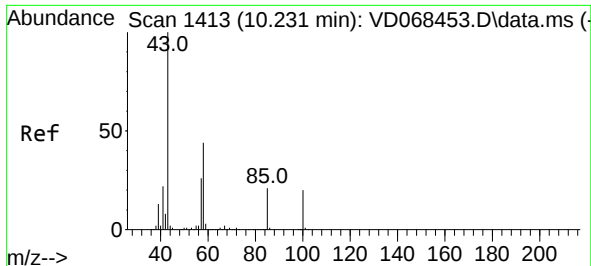
Tgt Ion:117 Resp: 12484
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 98 Resp: 287111
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4

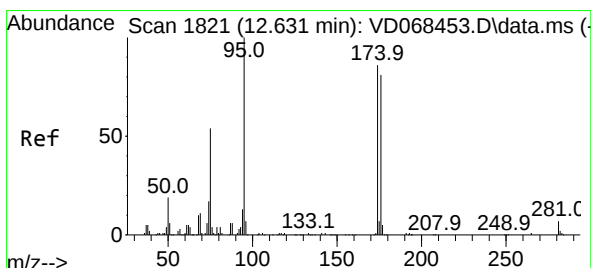
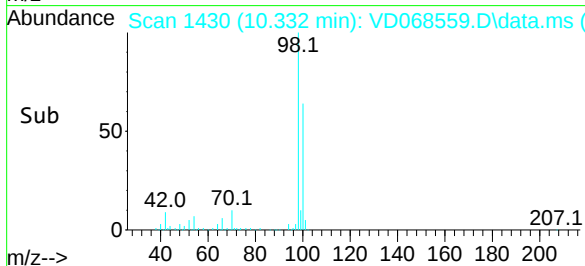
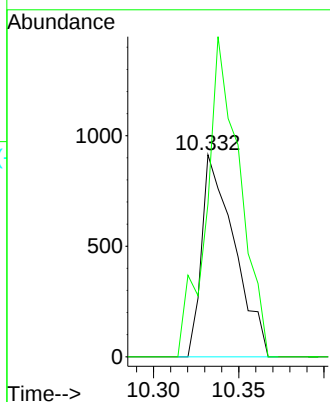
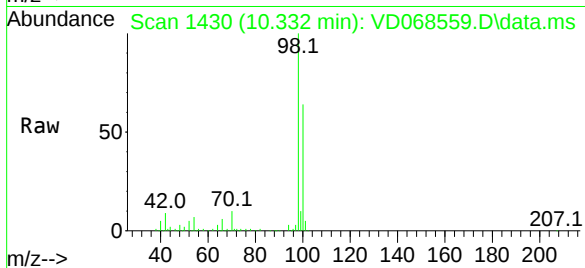




#51
4-Methyl-2-Pentanone
Concen: 1.77 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.100 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

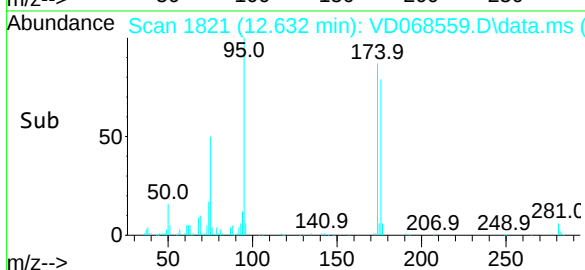
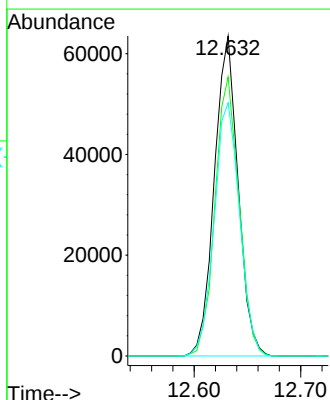
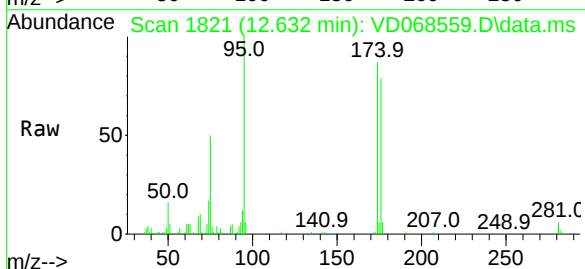
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

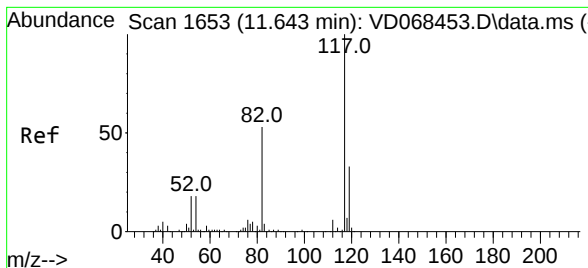
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 163.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 56.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 95 Resp: 98181
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.4
176 84.3 0.0 168.4

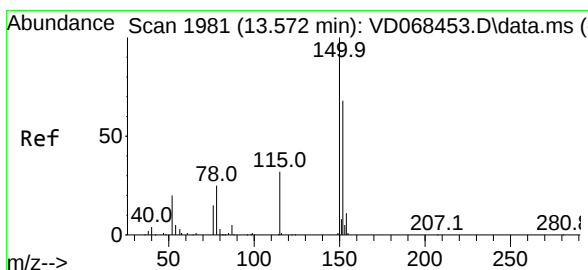
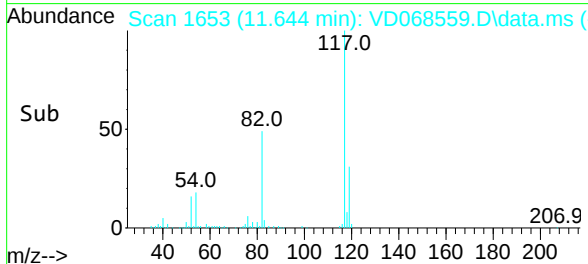
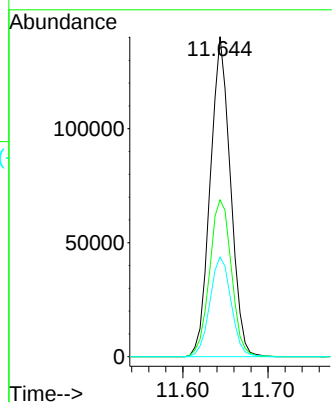
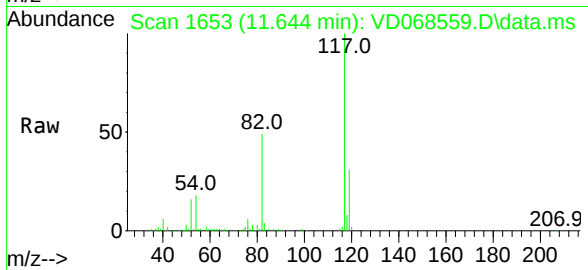




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

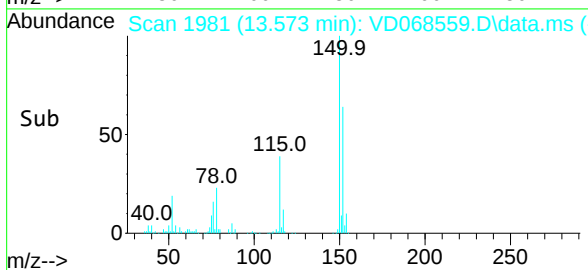
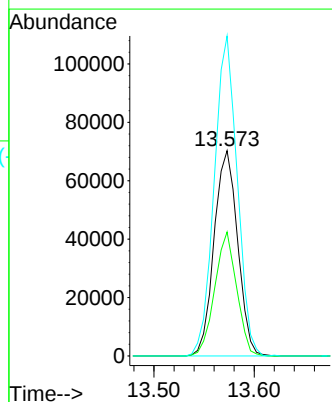
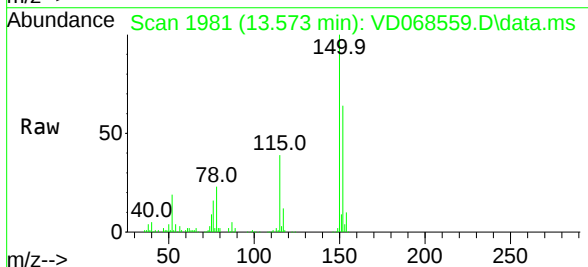
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

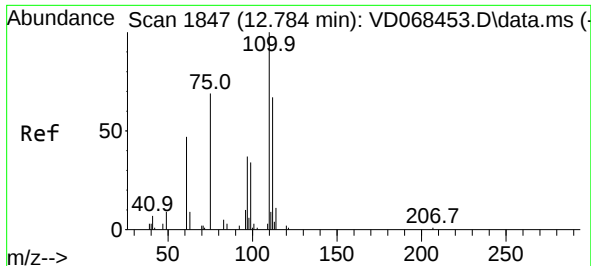
Tgt Ion:117 Resp: 231327
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.0
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion:152 Resp: 114654
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 152.3 0.0 344.4

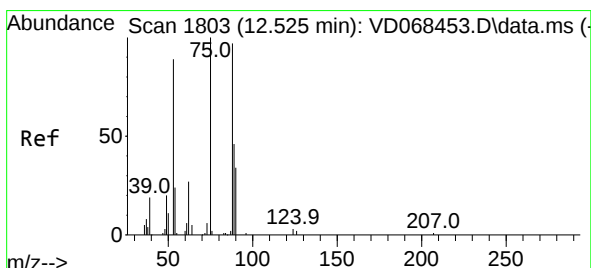
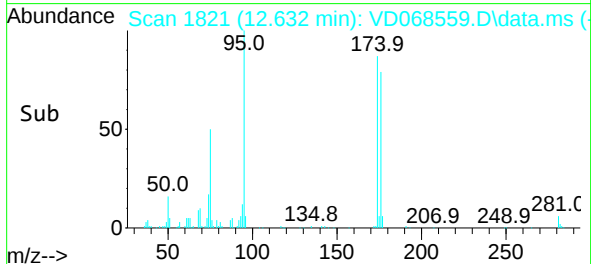
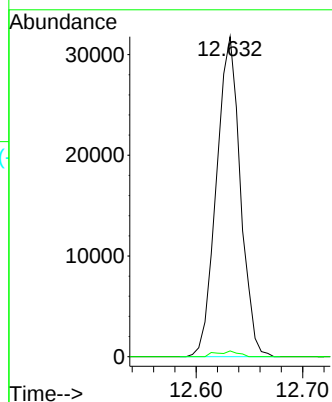
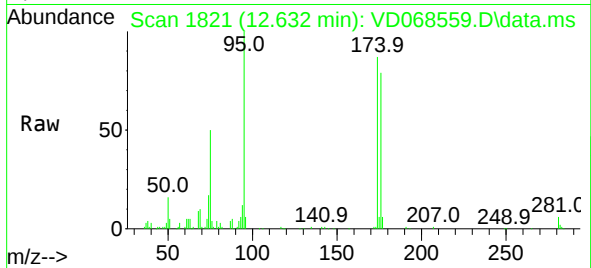




#76
1,2,3-Trichloropropane
Concen: 48.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

Tgt Ion: 75 Resp: 49599
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068559.D
Acq: 08 Mar 2021 14:46

Tgt Ion: 75 Resp: 49599
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

