

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068562.D
 Acq On : 08 Mar 2021 16:10
 Operator : VA/SY
 Sample : M1603-01RE
 Misc : 8.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31-NORTH

Quant Time: Mar 09 00:11:29 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)

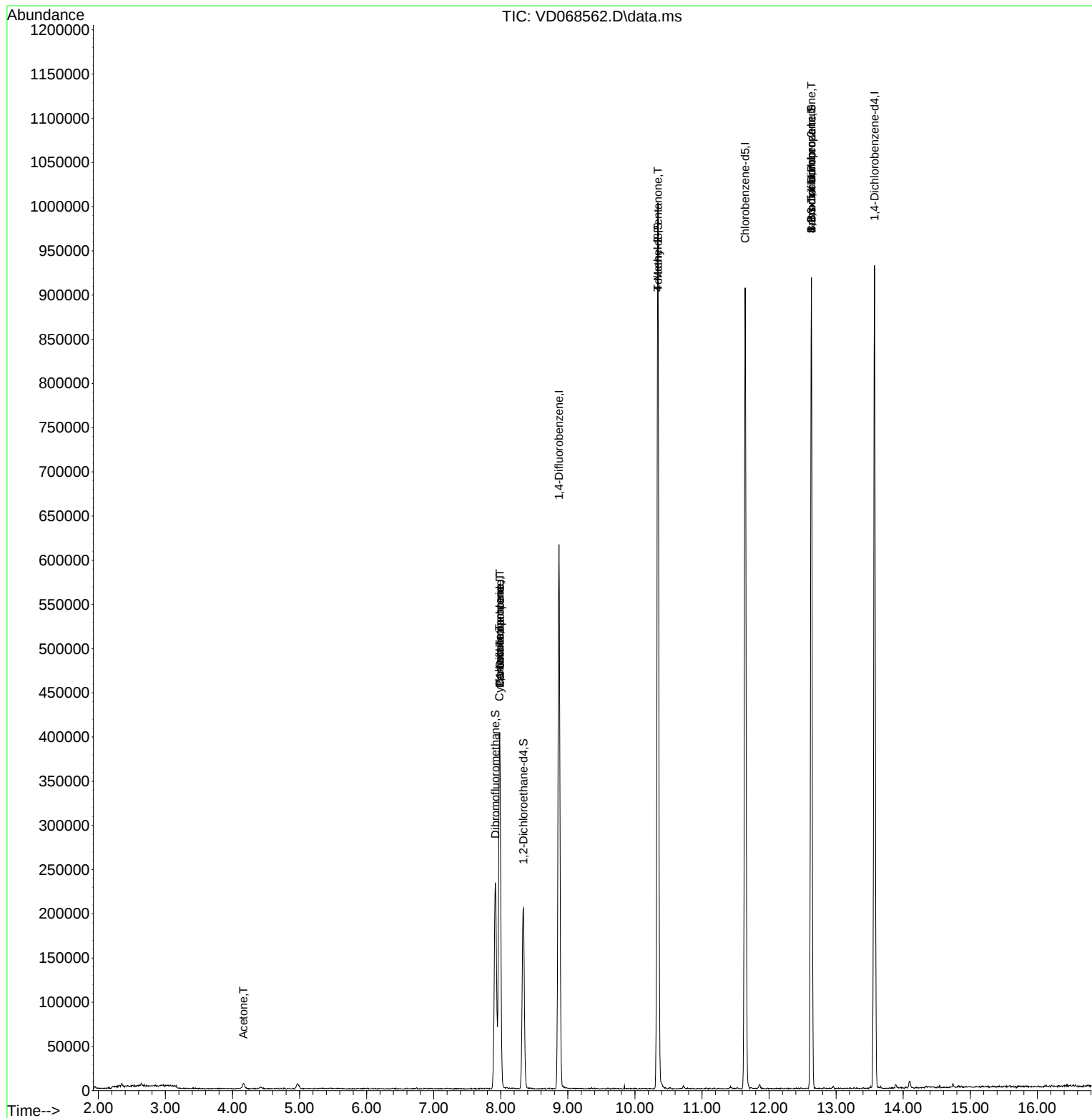
Internal Standards						
1) Pentafluorobenzene	7.985	168	309872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	555829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	546017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	252449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	164597	53.16	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.32%		
35) Dibromofluoromethane	7.920	113	169727	50.69	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.38%		
50) Toluene-d8	10.343	98	705468	52.90	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.80%		
62) 4-Bromofluorobenzene	12.632	95	233970	54.43	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.86%		
Target Compounds						
16) Acetone	4.161	43	9379	19.07	ug/l	93
20) Methylene Chloride	4.973	84	5214	Below Cal		92
31) Cyclohexane	7.979	56	6658	1.18	ug/l #	64
36) 1,1-Dichloropropene	7.985	75	24525	4.64	ug/l #	47
38) Carbon Tetrachloride	7.985	117	31182	6.28	ug/l #	16
51) 4-Methyl-2-Pentanone	10.343	43	2761	1.64	ug/l #	1
71) Bromoform	12.632	173	2213	1.13	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	121996	54.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	121996	127.03	ug/l #	14

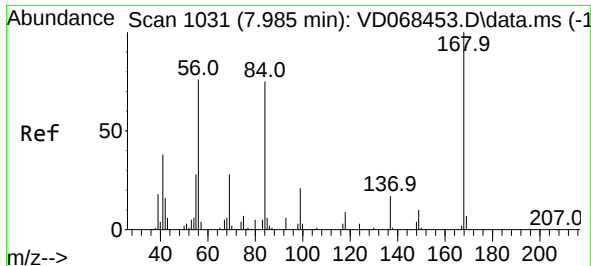
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
Data File : VD068562.D
Acq On : 08 Mar 2021 16:10
Operator : VA/SY
Sample : M1603-01RE
Misc : 8.83G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

Quant Time: Mar 09 00:11:29 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

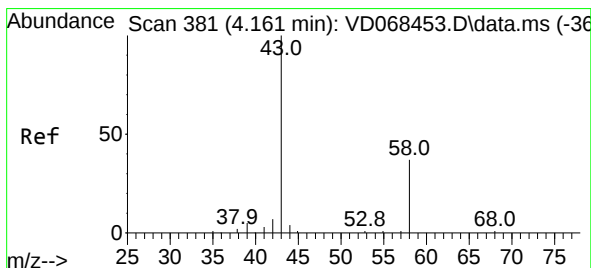
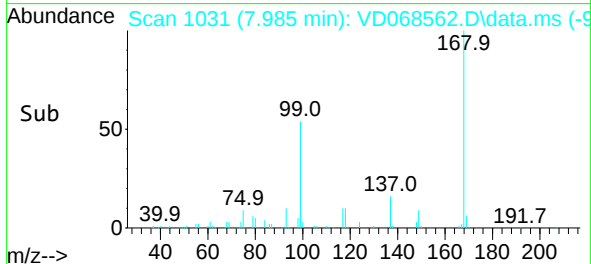
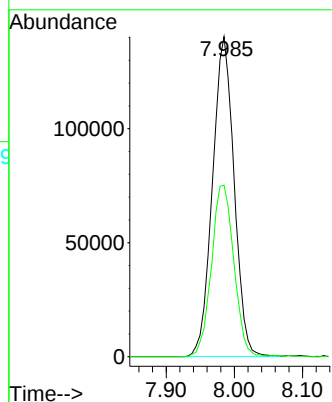
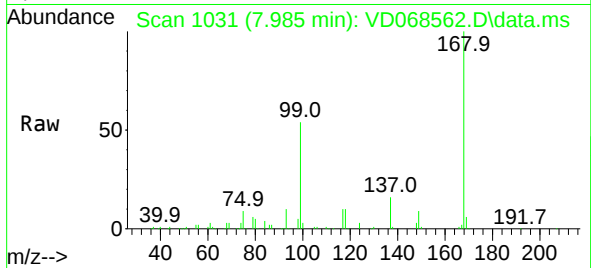




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

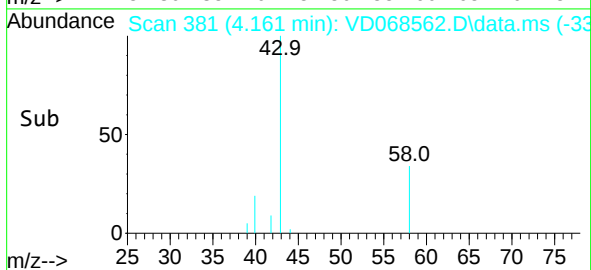
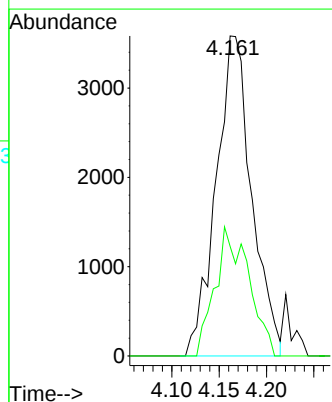
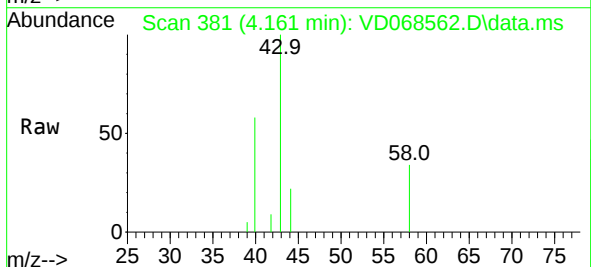
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

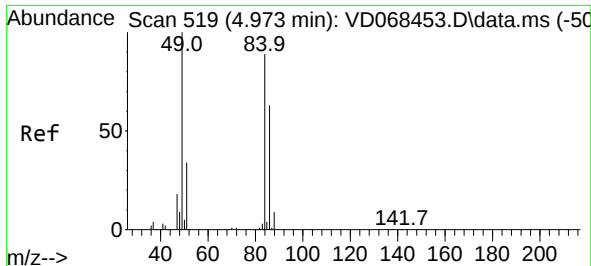
Tgt Ion:168 Resp: 309872
Ion Ratio Lower Upper
168 100
99 53.6 43.5 65.3



#16
Acetone
Concen: 19.07 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

Tgt Ion: 43 Resp: 9379
Ion Ratio Lower Upper
43 100
58 34.3 24.2 36.4

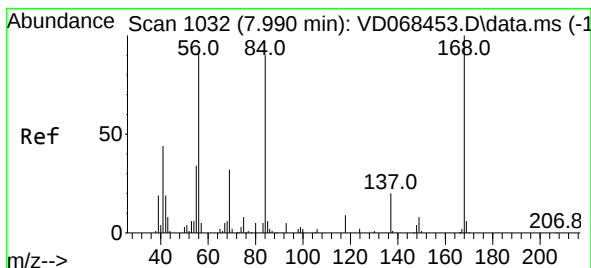
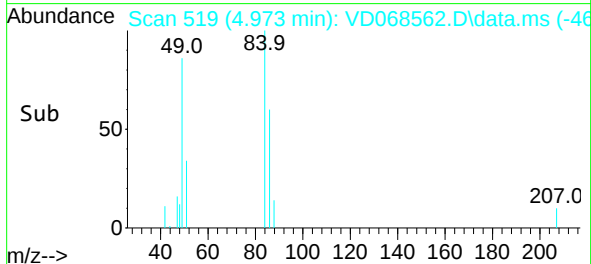
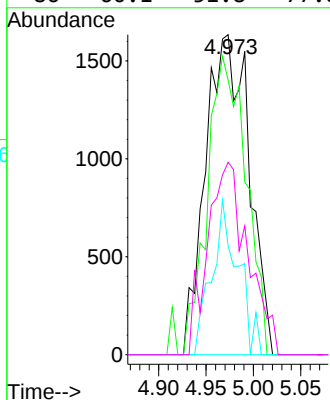
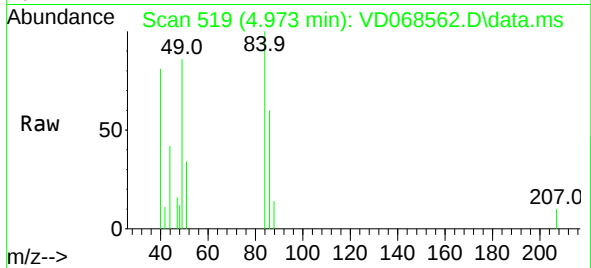




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

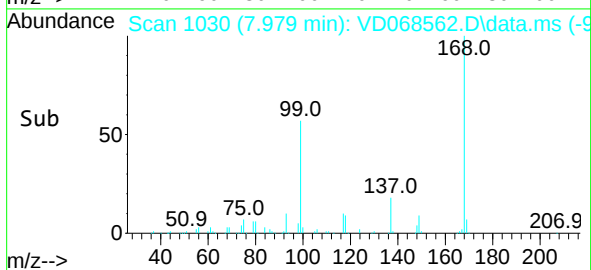
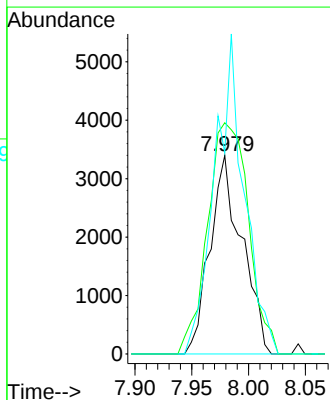
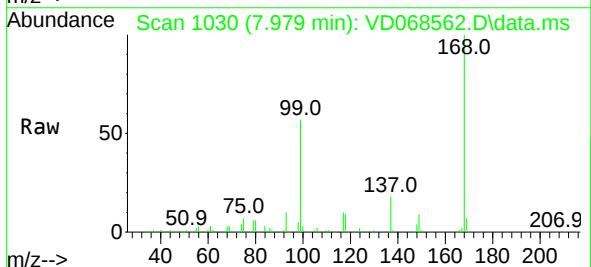
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

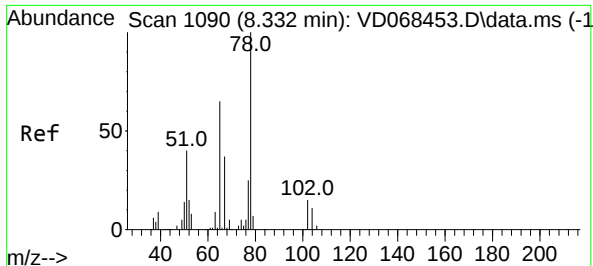
Tgt Ion:	84	Resp:	5214
Ion	Ratio	Lower	Upper
84	100		
49	85.9	77.4	116.2
51	34.0	26.1	39.1
86	60.1	51.8	77.8



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

Tgt Ion:	56	Resp:	6658
Ion	Ratio	Lower	Upper
56	100		
69	116.4	30.1	45.1#
84	101.4	82.1	123.1





#33

1,2-Dichloroethane-d4

Concen: 53.16 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD068562.D

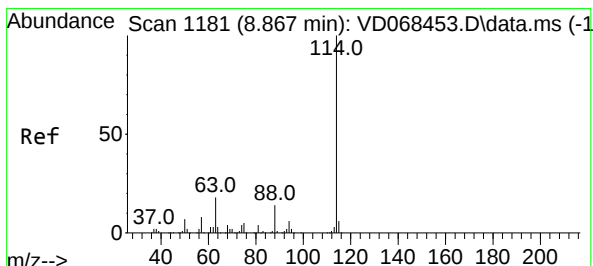
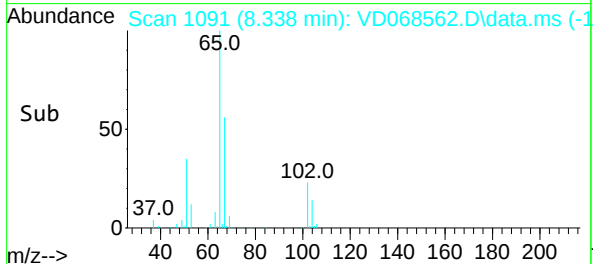
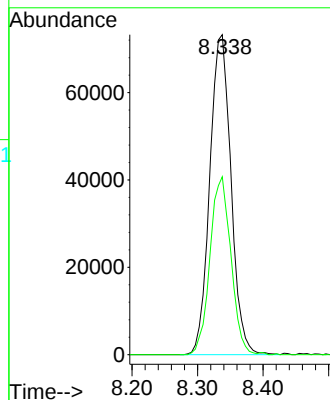
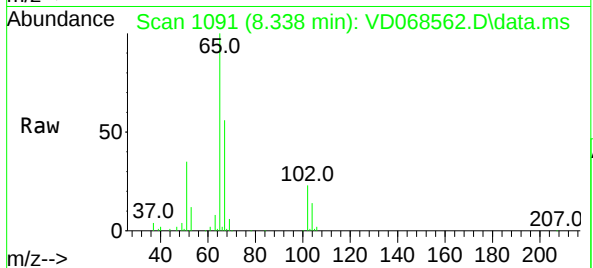
Acq: 08 Mar 2021 16:10

Tgt Ion: 65 Resp: 164597

Ion Ratio Lower Upper

65 100

67 54.7 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: VD068562.D

Acq: 08 Mar 2021 16:10

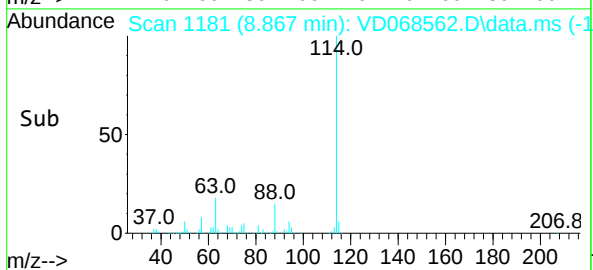
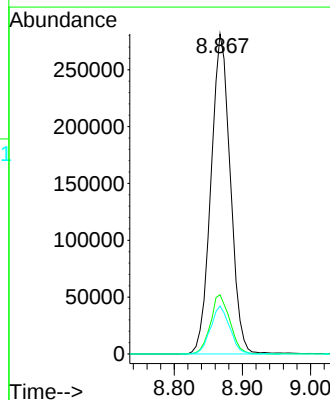
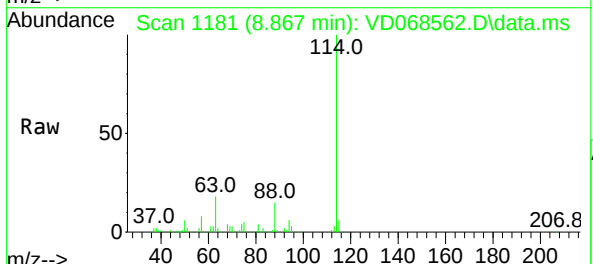
Tgt Ion: 114 Resp: 555829

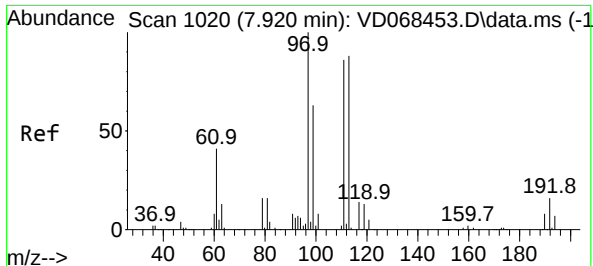
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.69 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068562.D

Acq: 08 Mar 2021 16:10

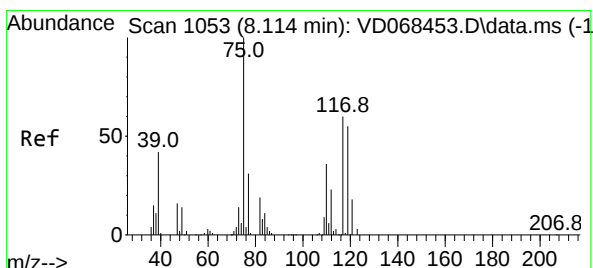
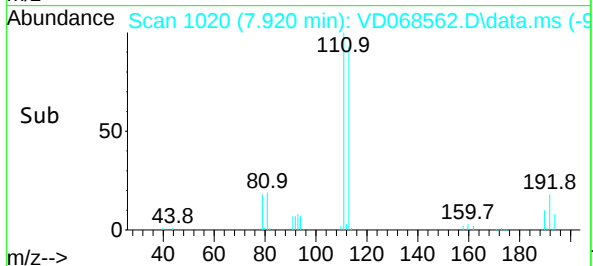
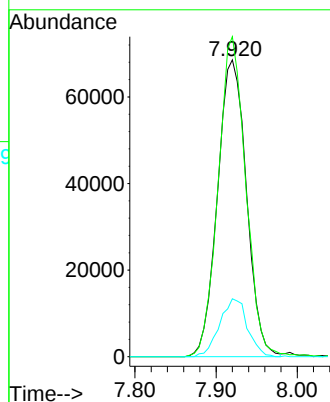
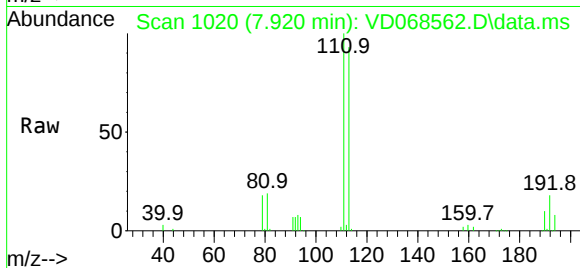
Tgt Ion:113 Resp: 169727

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.64 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068562.D

Acq: 08 Mar 2021 16:10

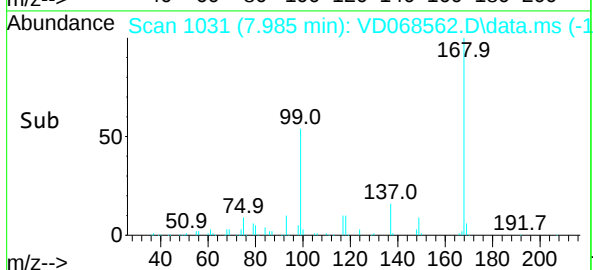
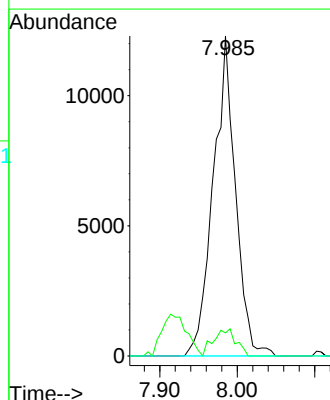
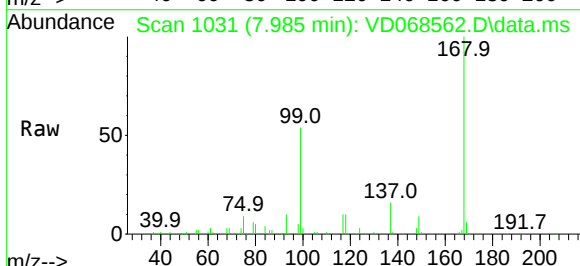
Tgt Ion: 75 Resp: 24525

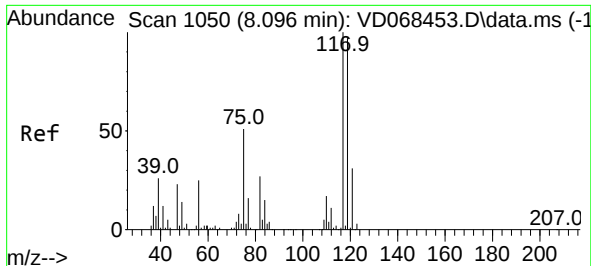
Ion Ratio Lower Upper

75 100

110 8.6 19.4 58.2#

77 0.0 25.3 37.9#

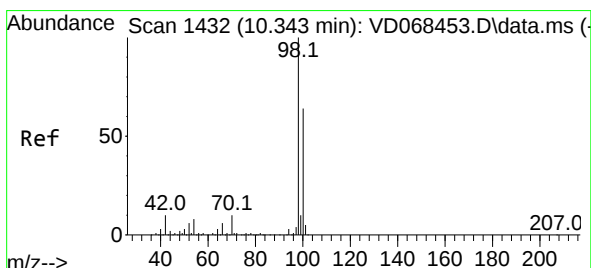
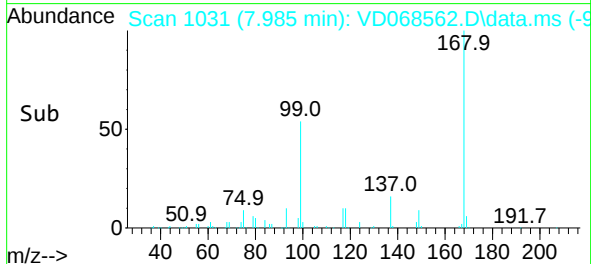
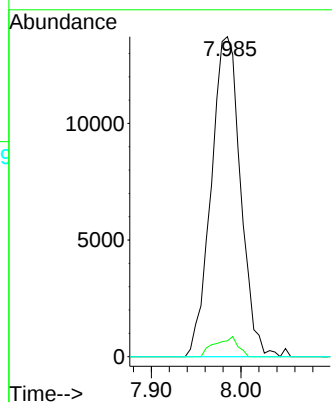
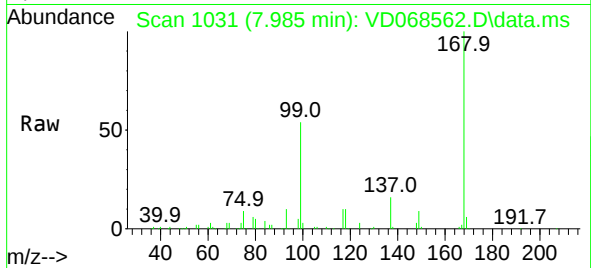




#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

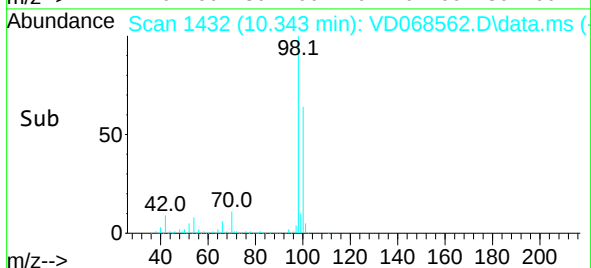
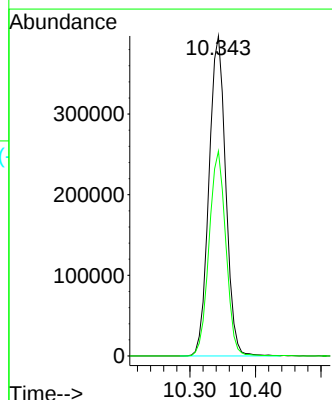
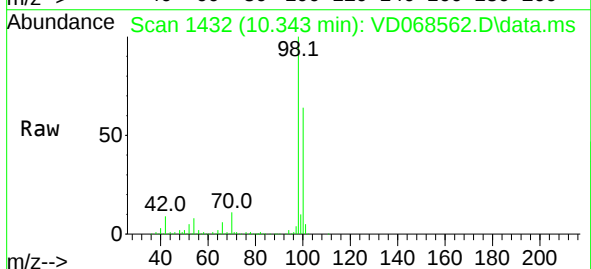
Instrument :
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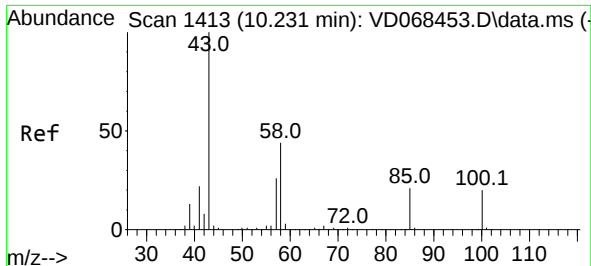
Tgt Ion:117 Resp: 31182
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.90 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

Tgt Ion: 98 Resp: 705468
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4

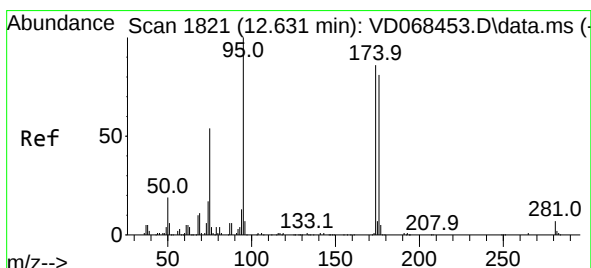
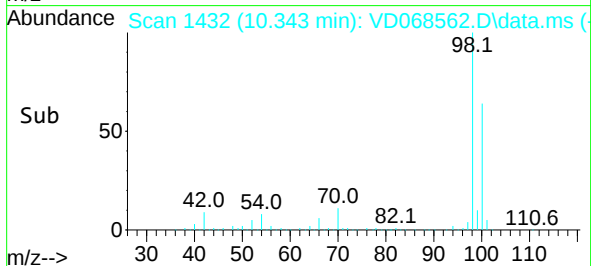
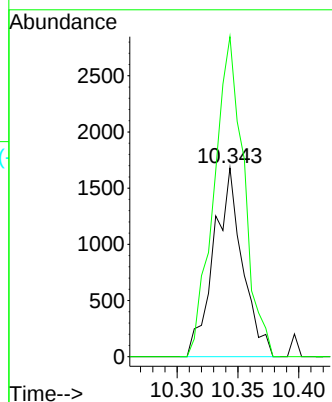
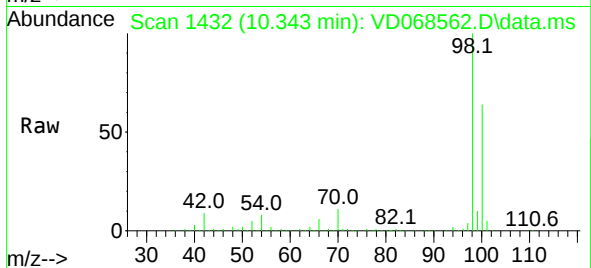




#51
4-Methyl-2-Pentanone
Concen: 1.64 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

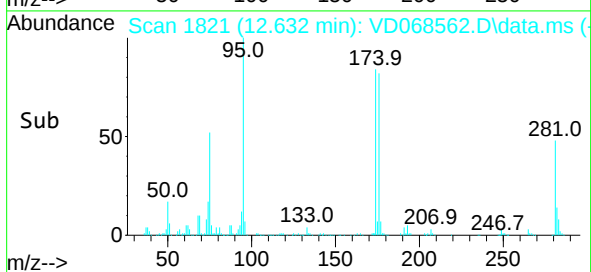
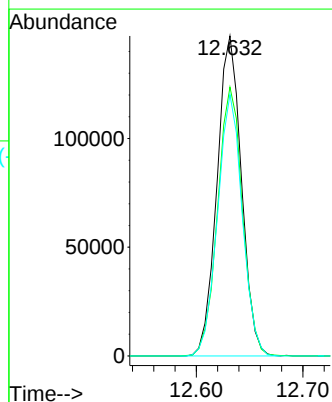
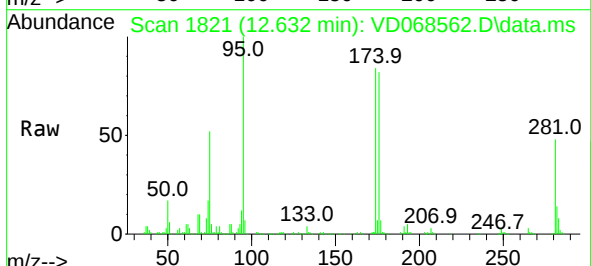
Instrument :
MSVOA_D
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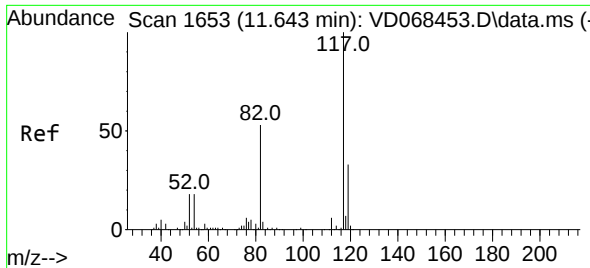
Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 176.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 54.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

Tgt Ion: 95 Resp: 233970
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.4
176 82.4 0.0 168.4

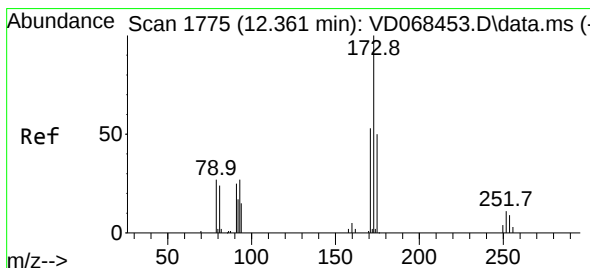
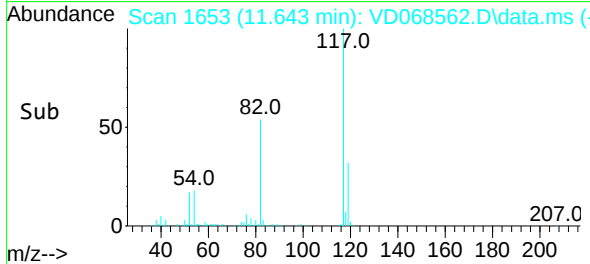
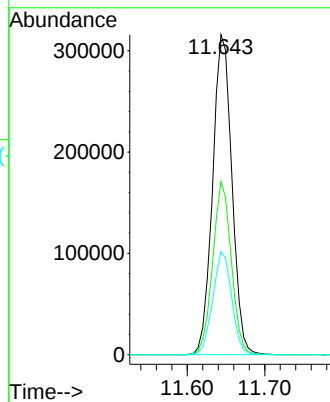
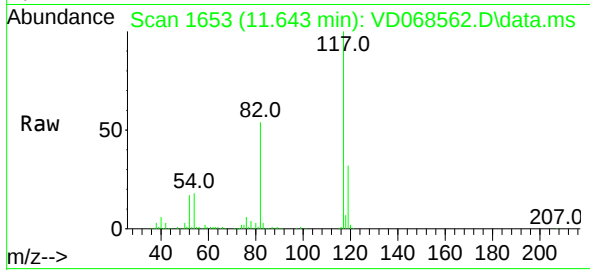




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

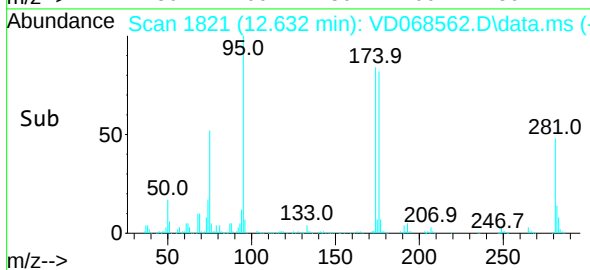
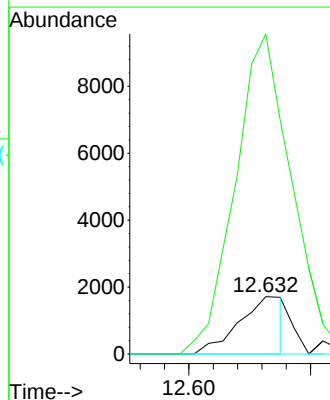
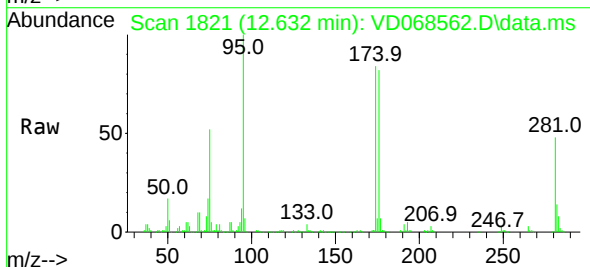
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

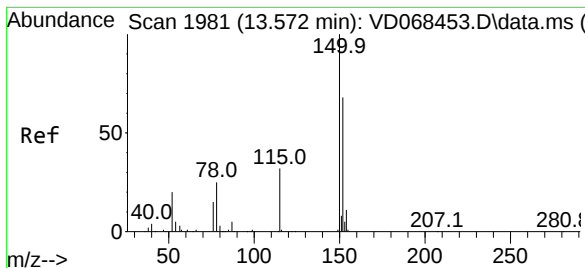
Tgt Ion:117 Resp: 546017
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.2 26.1 39.1



#71
Bromoform
Concen: 1.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

Tgt Ion:173 Resp: 2213
Ion Ratio Lower Upper
173 100
175 557.3 24.6 73.8#
254 0.0 0.0 0.0

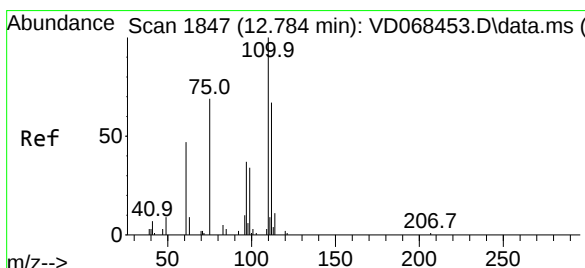
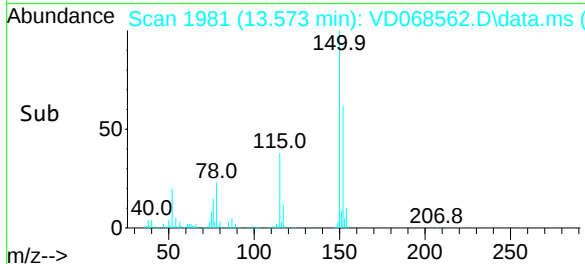
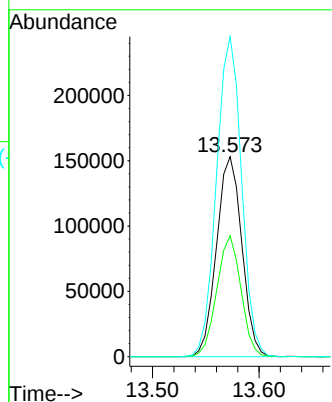
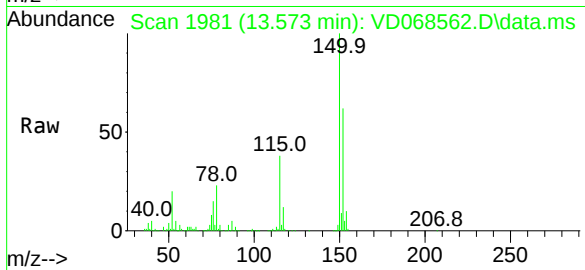




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

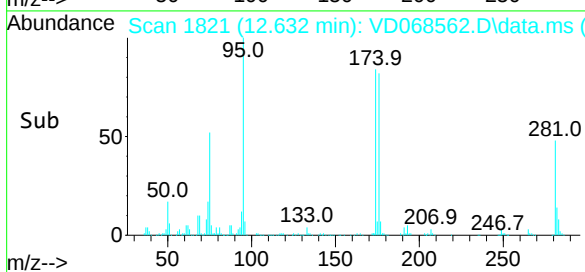
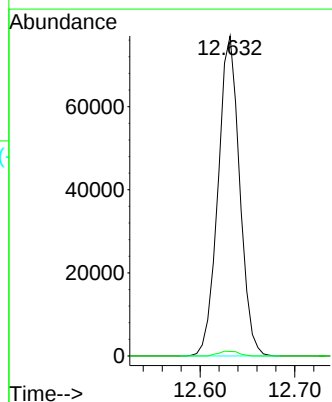
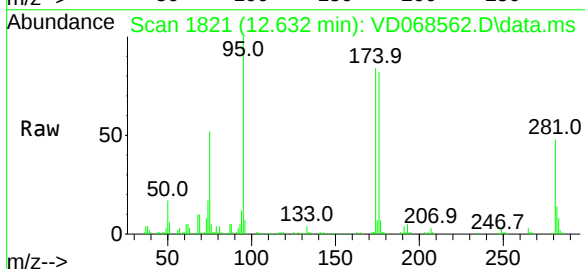
Instrument :
MSVOA_D
ClientSampleId :
31-NORTH

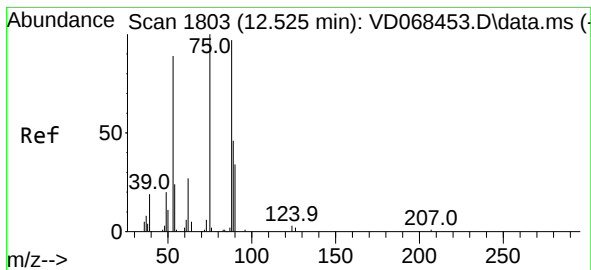
Tgt Ion:152 Resp: 252449
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 158.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068562.D
Acq: 08 Mar 2021 16:10

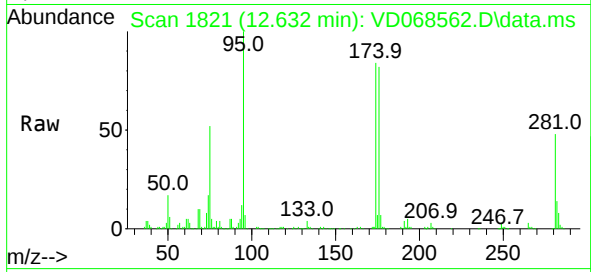
Tgt Ion: 75 Resp: 121996
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.03 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068562.D
 Acq: 08 Mar 2021 16:10

Instrument :
 MSVOA_D
 ClientSampleId :
 31-NORTH



Tgt Ion: 75 Resp: 121996
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.9 40.3 60.5#

