

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068609.D
 Acq On : 12 Mar 2021 16:29
 Operator : VA/SY
 Sample : M1664-01
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-230

Quant Time: Mar 12 23:36:36 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)

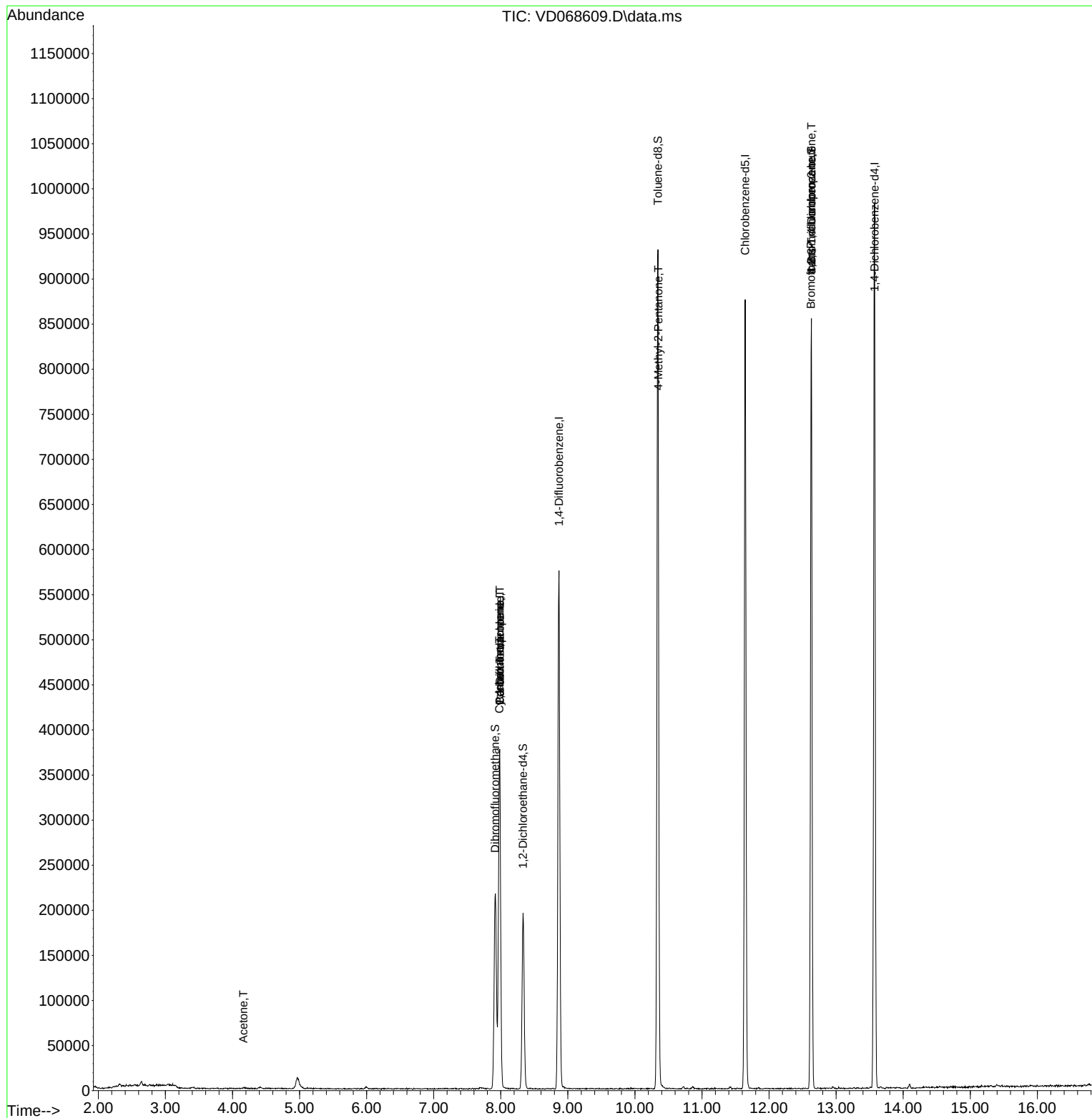
Internal Standards						
1) Pentafluorobenzene	7.985	168	288761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	518228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	515140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	272361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149336	51.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.52%			
35) Dibromofluoromethane	7.914	113	161178	51.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.26%			
50) Toluene-d8	10.343	98	656309	52.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.56%			
62) 4-Bromofluorobenzene	12.632	95	228133	56.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.86%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	1773	3.87	ug/l #	44
20) Methylene Chloride	4.973	84	10667	Below Cal	#	86
31) Cyclohexane	7.979	56	5372	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	22260	4.52	ug/l #	47
38) Carbon Tetrachloride	7.985	117	28581	6.17	ug/l #	16
51) 4-Methyl-2-Pentanone	10.349	43	2727	1.73	ug/l #	1
71) Bromoform	12.626	173	1969	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	115987	47.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	115987	111.94	ug/l #	14

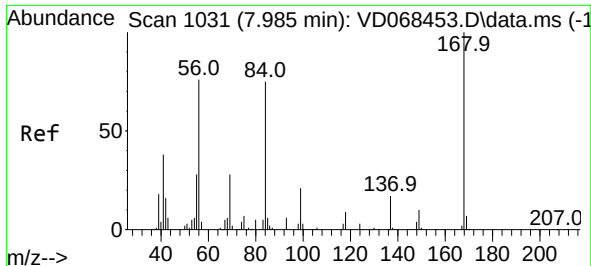
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068609.D
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Misc : 6.30G/5.00ml/MSVOA_D/SOIL
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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

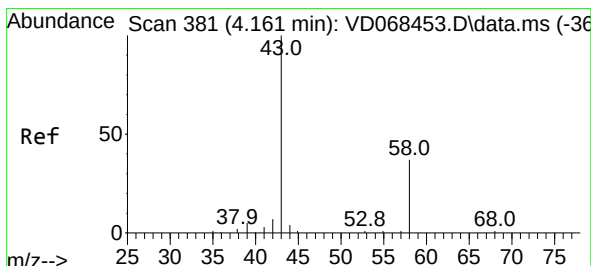
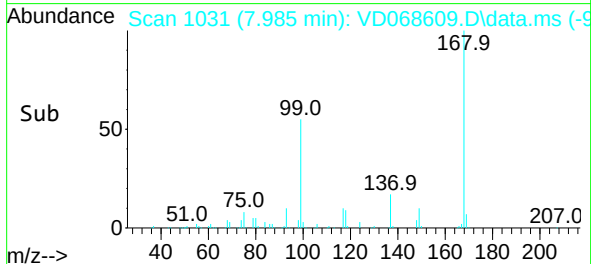
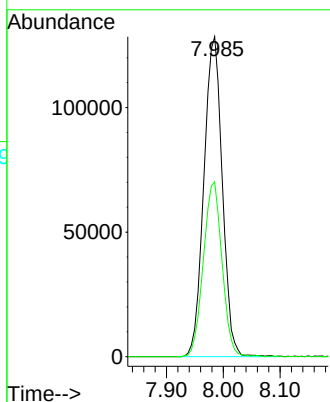
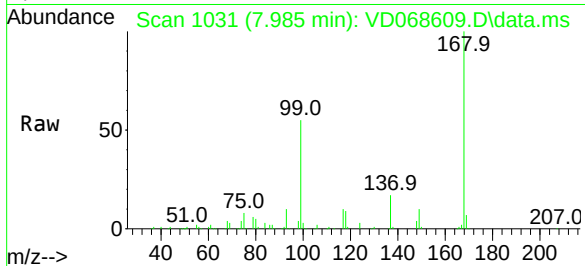




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

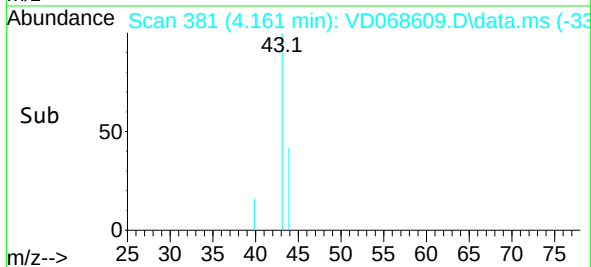
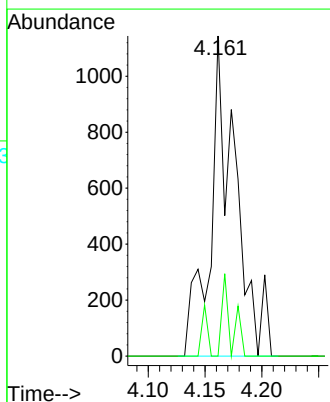
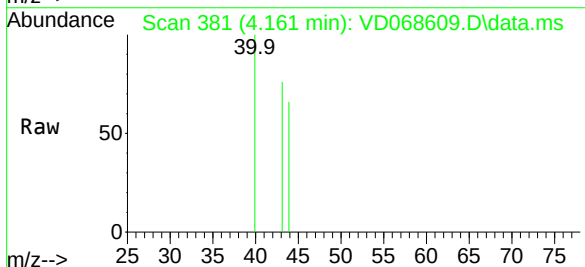
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

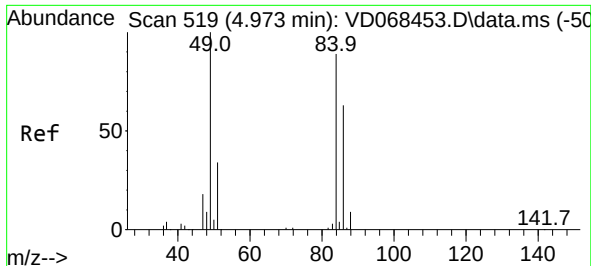
Tgt Ion:168 Resp: 288761
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#16
Acetone
Concen: 3.87 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

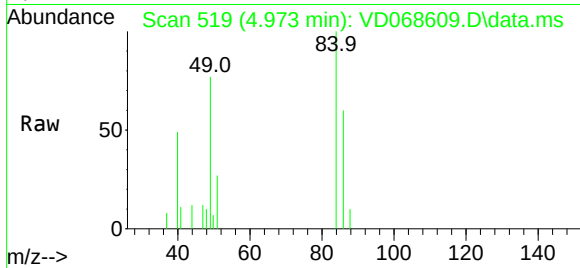
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



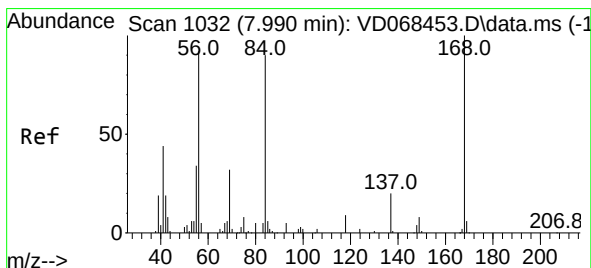
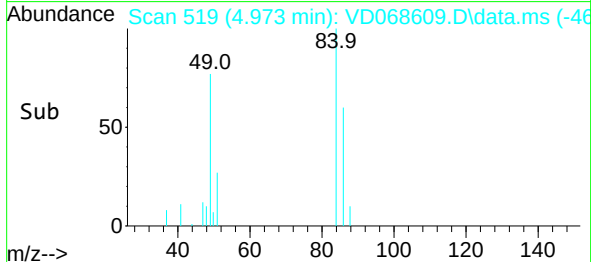
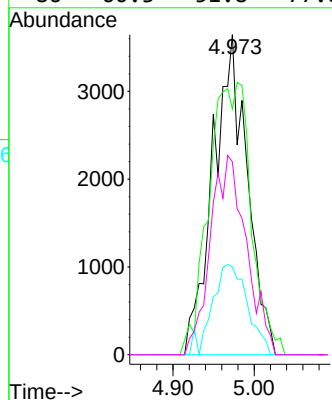


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

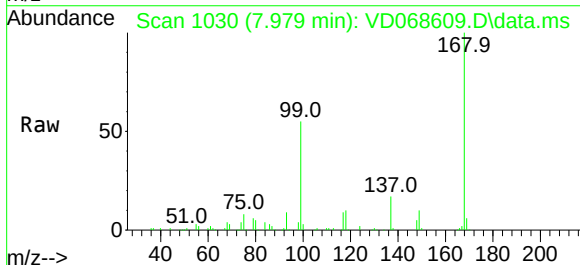
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230



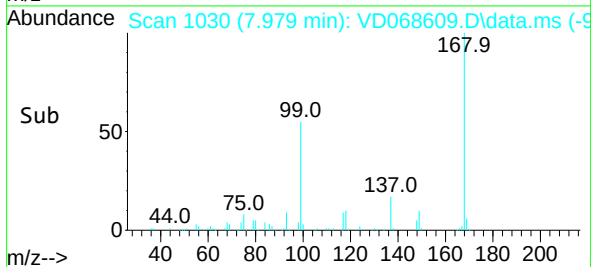
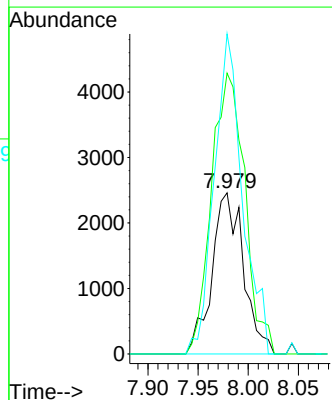
Tgt Ion:	84	Resp:	10667
Ion	Ratio	Lower	Upper
84	100		
49	76.8	77.4	116.2#
51	27.4	26.1	39.1
86	60.3	51.8	77.8

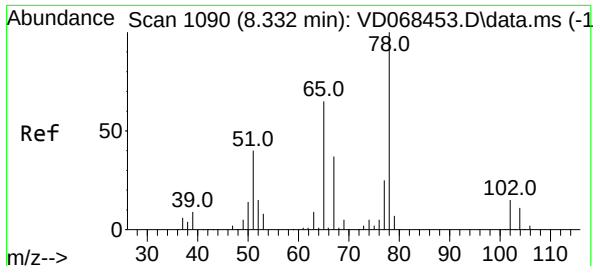


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29



Tgt Ion:	56	Resp:	5372
Ion	Ratio	Lower	Upper
56	100		
69	174.4	30.1	45.1#
84	198.7	82.1	123.1#

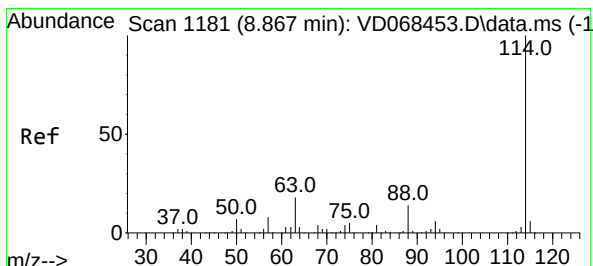
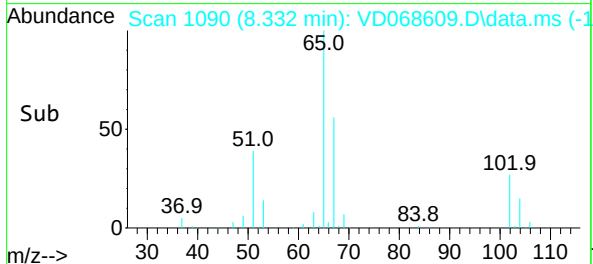
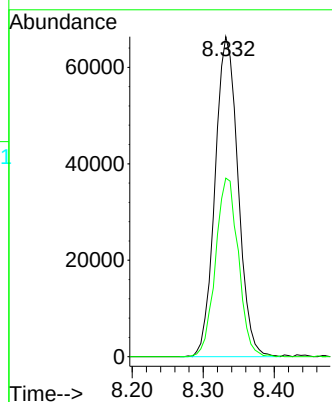
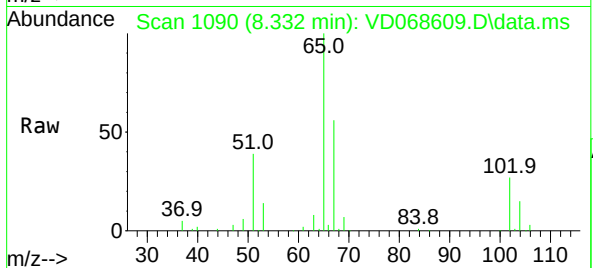




#33
1,2-Dichloroethane-d4
Concen: 51.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

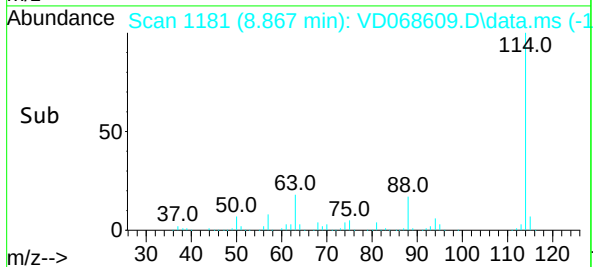
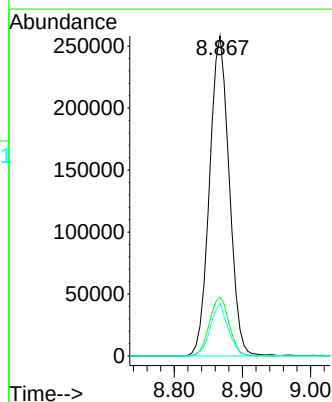
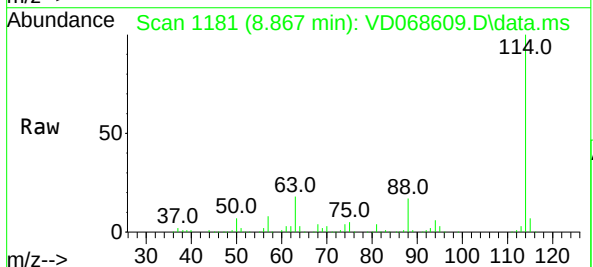
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

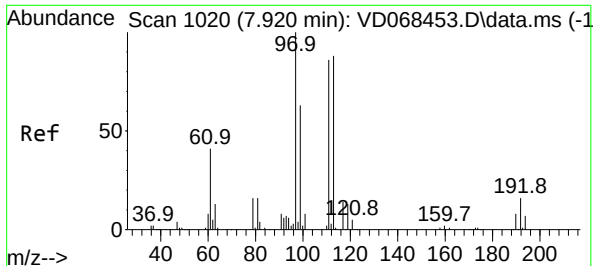
Tgt Ion: 65 Resp: 149336
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

Tgt Ion:114 Resp: 518228
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.63 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068609.D

Acq: 12 Mar 2021 16:29

Tgt Ion:113 Resp: 161178

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

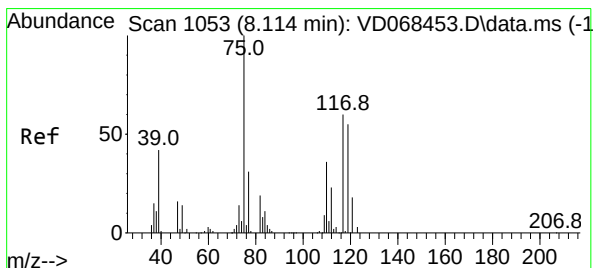
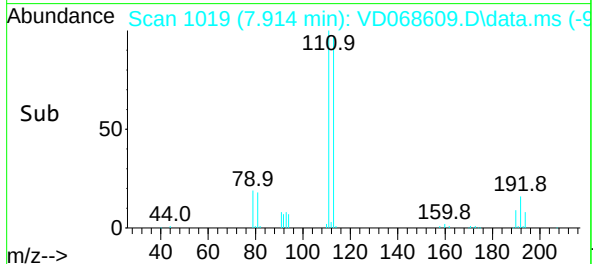
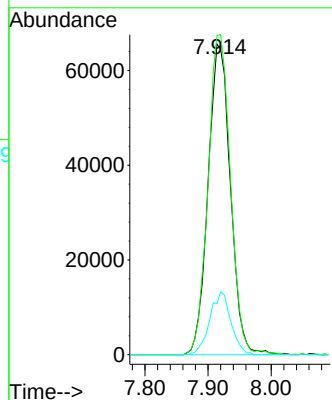
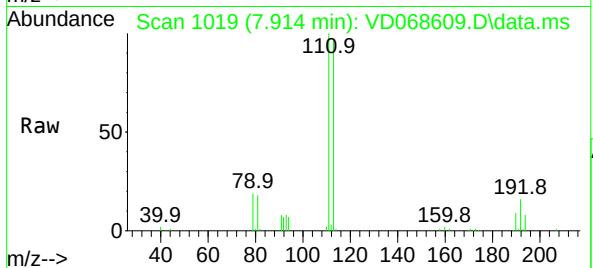
192 19.1 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

VNJ-230



#36

1,1-Dichloropropene

Concen: 4.52 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068609.D

Acq: 12 Mar 2021 16:29

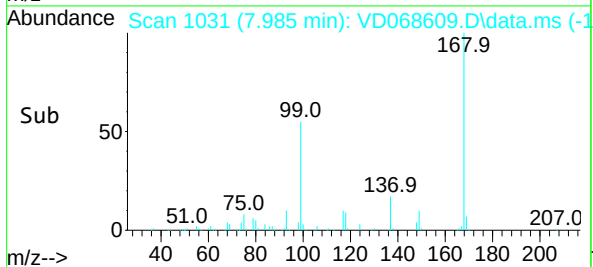
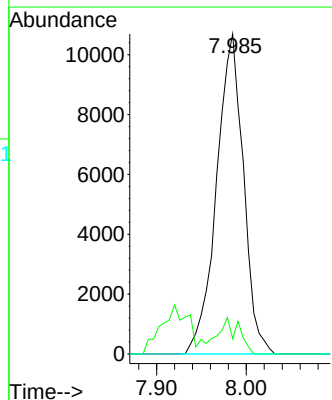
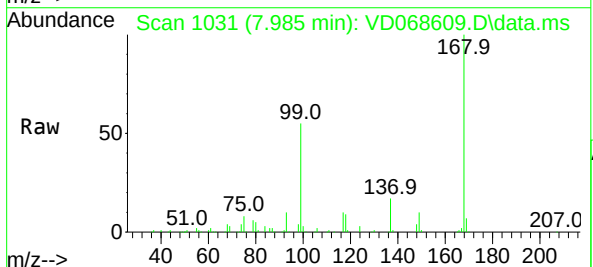
Tgt Ion: 75 Resp: 22260

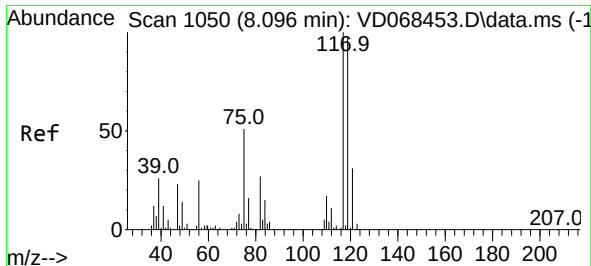
Ion Ratio Lower Upper

75 100

110 8.7 19.4 58.2#

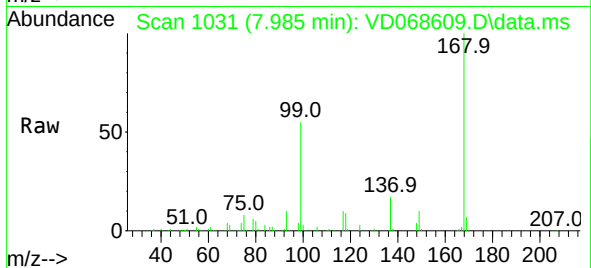
77 0.0 25.3 37.9#



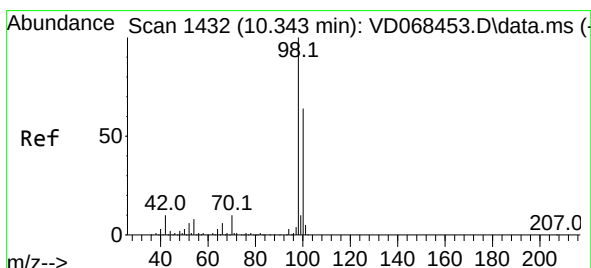
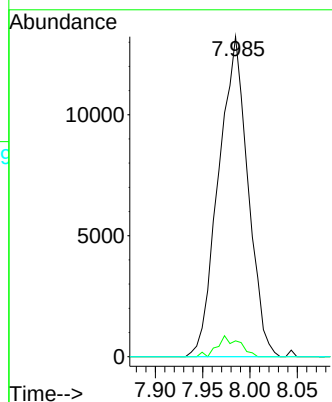
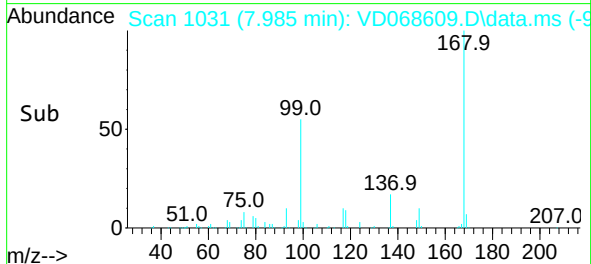


#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

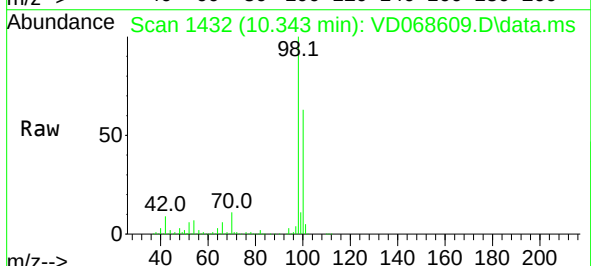
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230



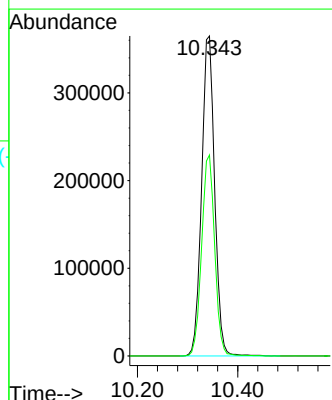
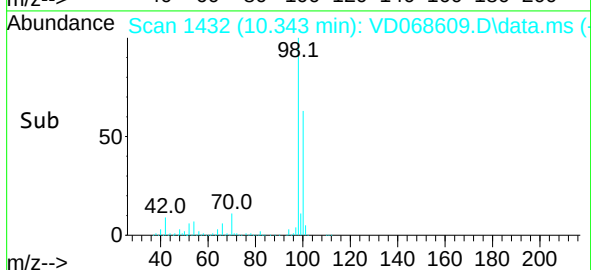
Tgt Ion:117 Resp: 28581
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#

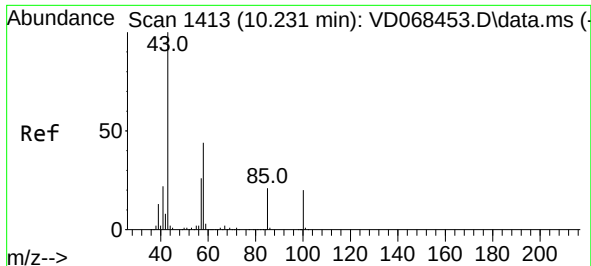


#50
Toluene-d8
Concen: 52.78 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29



Tgt Ion: 98 Resp: 656309
Ion Ratio Lower Upper
98 100
100 63.2 53.0 79.4

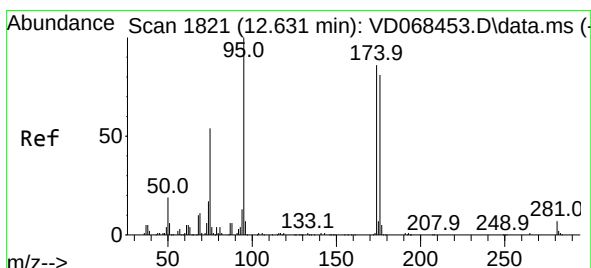
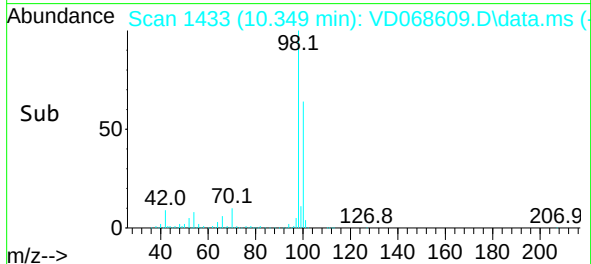
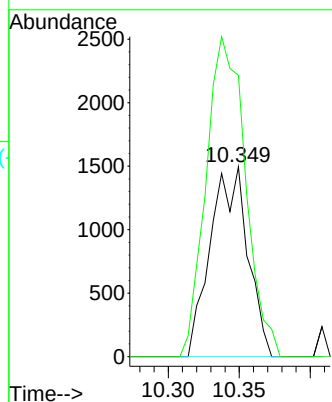
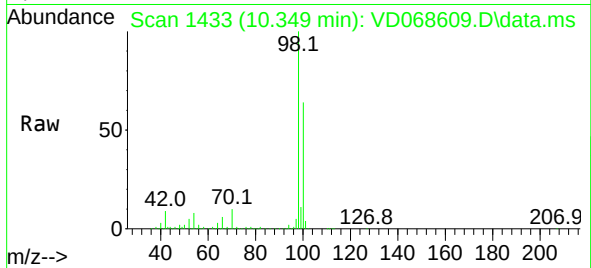




#51
4-Methyl-2-Pentanone
Concen: 1.73 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.118 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

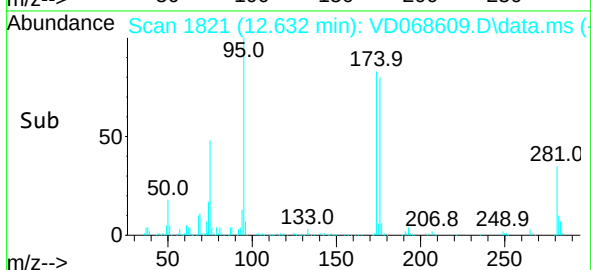
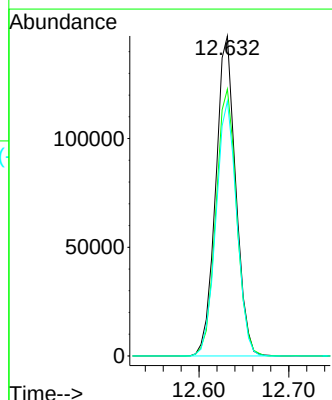
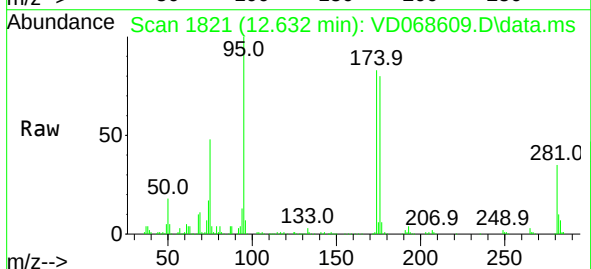
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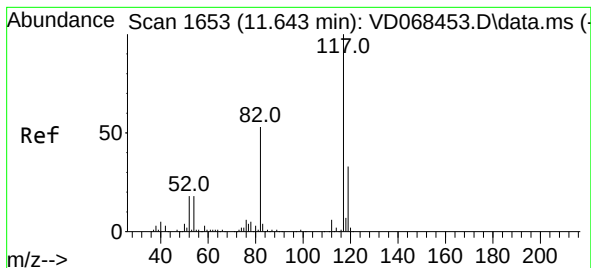
Tgt Ion: 43 Resp: 2727
Ion Ratio Lower Upper
43 100
58 177.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 56.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

Tgt Ion: 95 Resp: 228133
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.4
176 82.0 0.0 168.4

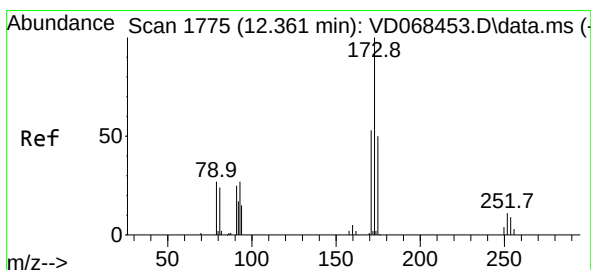
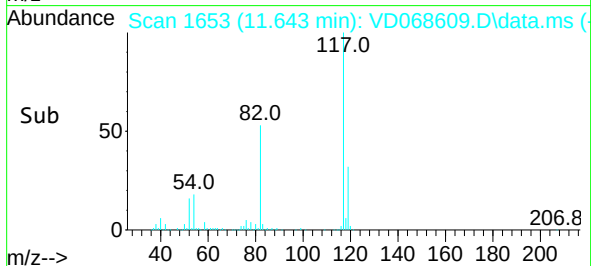
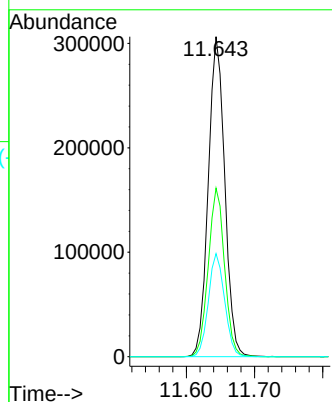
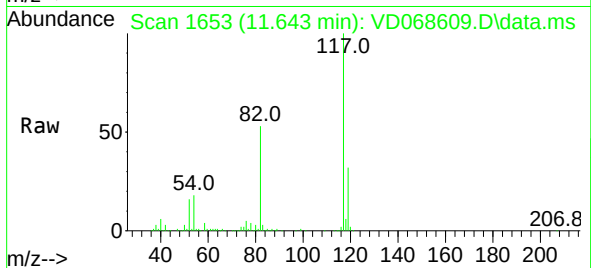




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

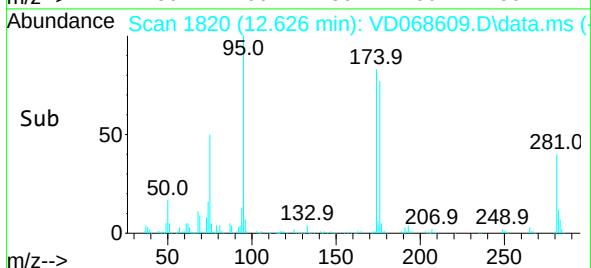
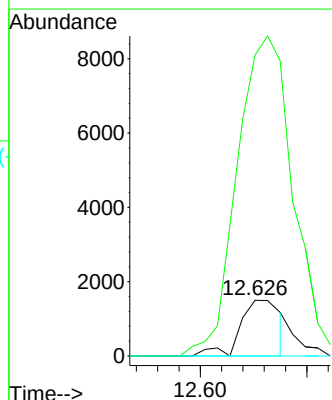
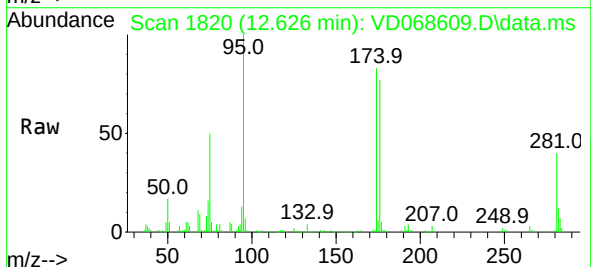
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

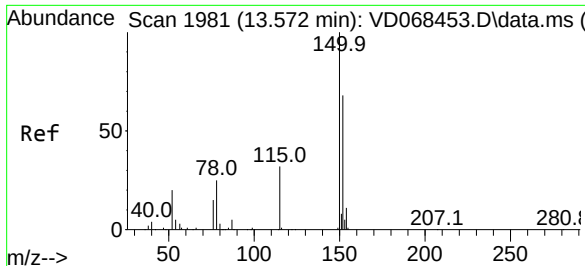
Tgt Ion:117 Resp: 515140
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.0
119 32.2 26.1 39.1



#71
Bromoform
Concen: 1.06 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068609.D
Acq: 12 Mar 2021 16:29

Tgt Ion:173 Resp: 1969
Ion Ratio Lower Upper
173 100
175 645.0 24.6 73.8#
254 0.0 0.0 0.0

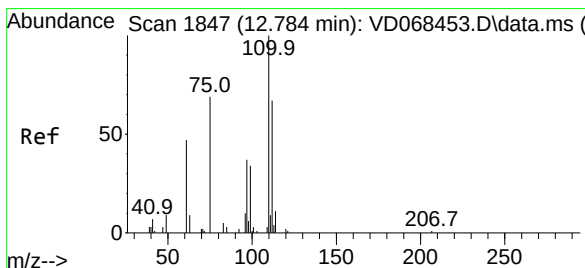
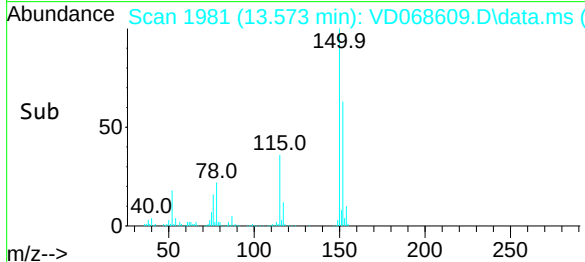
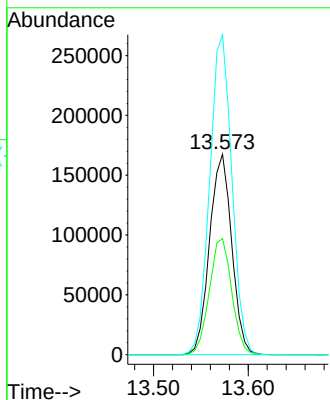
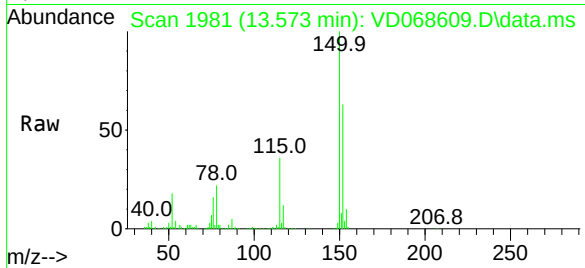




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068609.D
 Acq: 12 Mar 2021 16:29

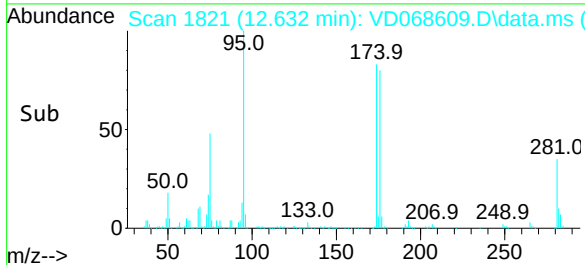
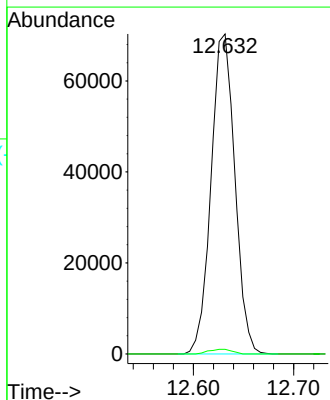
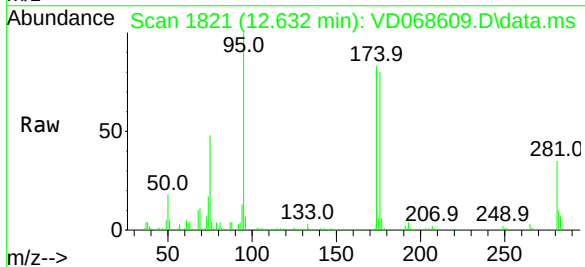
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-230

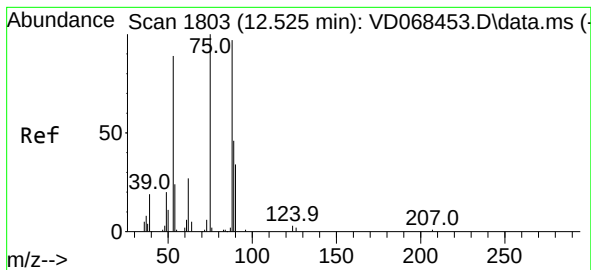
Tgt Ion:152 Resp: 272361
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.9 86.8
 150 159.3 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 47.97 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068609.D
 Acq: 12 Mar 2021 16:29

Tgt Ion: 75 Resp: 115987
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.94 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068609.D
 Acq: 12 Mar 2021 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-230

Tgt Ion: 75 Resp: 115987
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.4 40.3 60.5#

