

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068319.D
 Acq On : 08 Feb 2021 15:51
 Operator : VA/SY
 Sample : M1339-06
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:15:40 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)

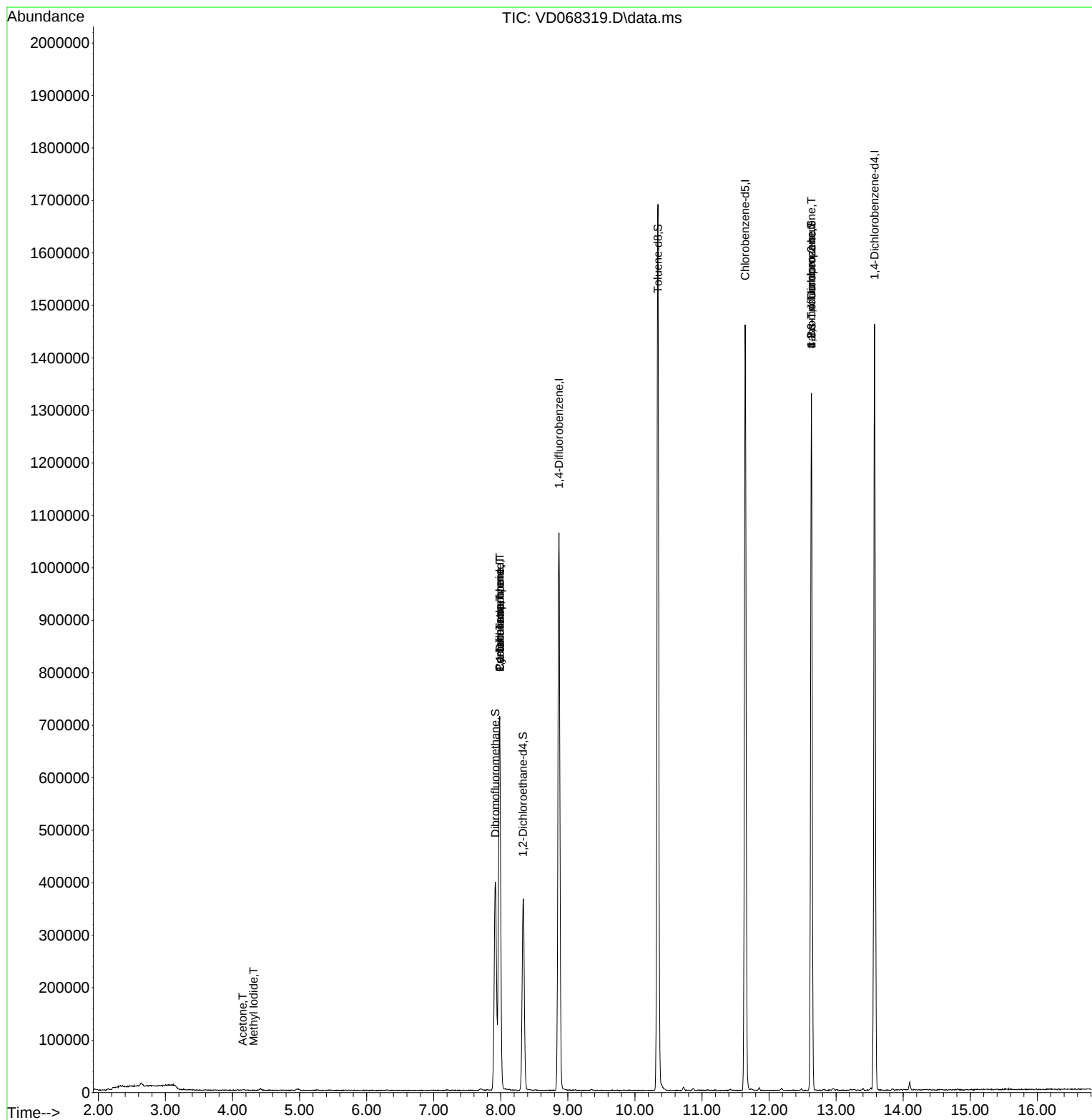
Internal Standards						
1) Pentafluorobenzene	7.985	168	549856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	971015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	878998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	392862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	296731	56.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.82%
35) Dibromofluoromethane	7.920	113	296011	55.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.28%
50) Toluene-d8	10.344	98	1200666	55.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.82%
62) 4-Bromofluorobenzene	12.632	95	396046	51.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.44%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	435	3.22	ug/l #	38
11) Tert butyl alcohol	5.214	59	119	Below	Cal #	74
16) Acetone	4.150	43	2234	2.38	ug/l	96
20) Methylene Chloride	4.967	84	2184	Below	Cal #	86
31) Cyclohexane	7.985	56	11573	1.02	ug/l #	15
36) 1,1-Dichloropropene	7.985	75	42455	4.34	ug/l #	47
38) Carbon Tetrachloride	7.985	117	53747	5.86	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	195576	51.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	195576	104.19	ug/l #	14

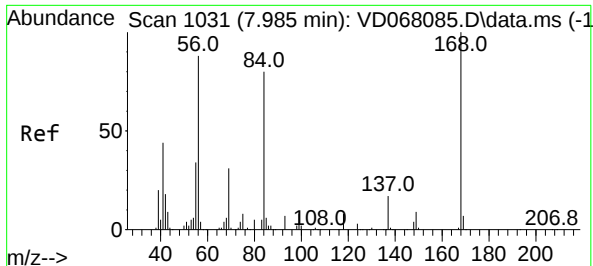
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
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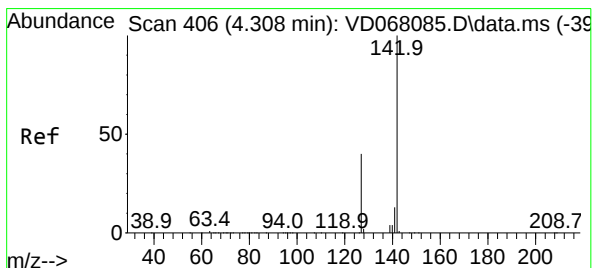
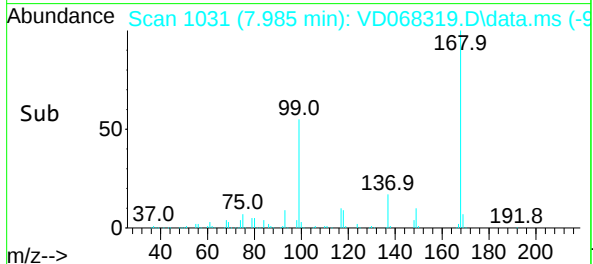
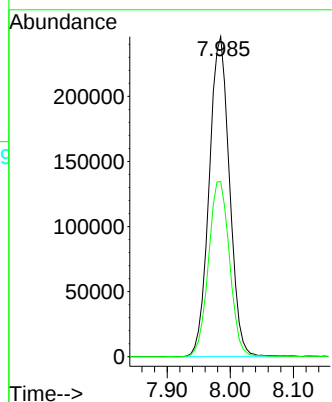
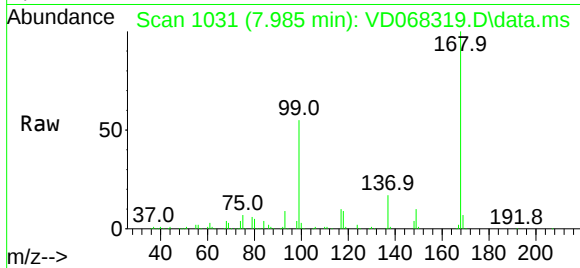




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

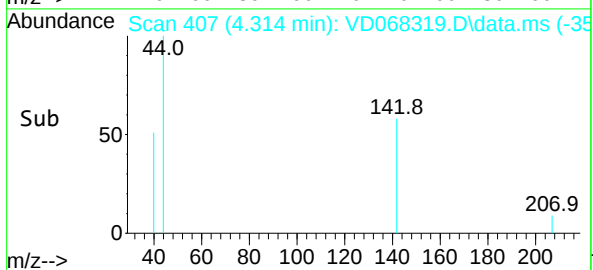
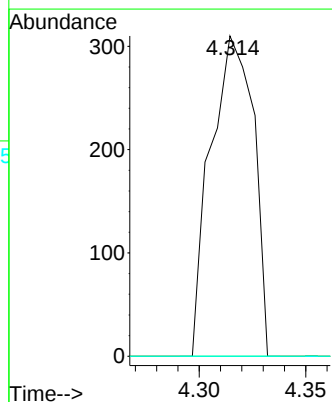
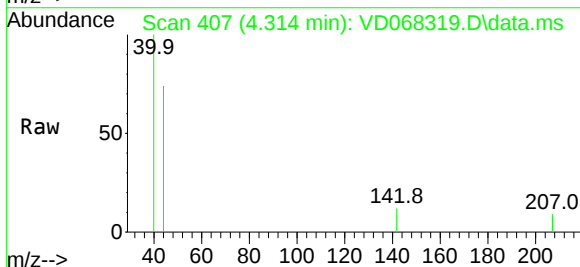
Instrument :
MSVOA_D
ClientSampleId :

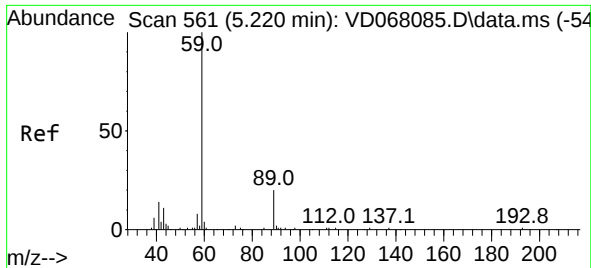
Tgt Ion:168 Resp: 549856
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.22 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

Tgt Ion:142 Resp: 435
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

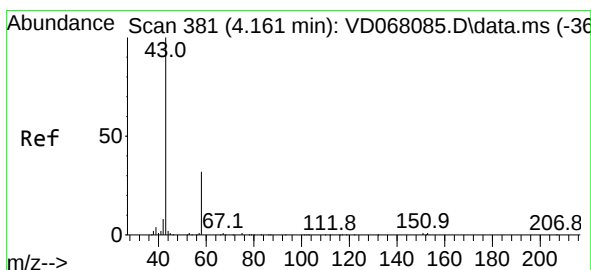
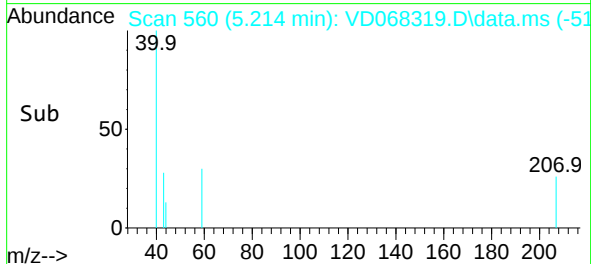
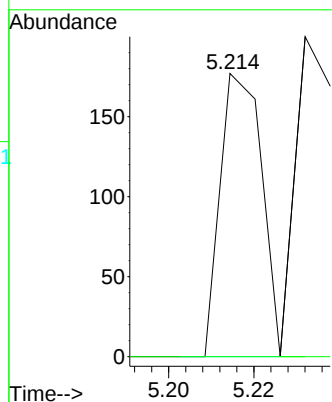
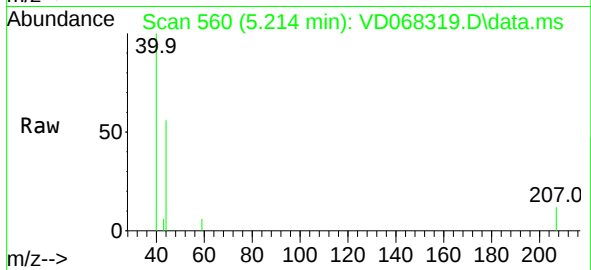




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

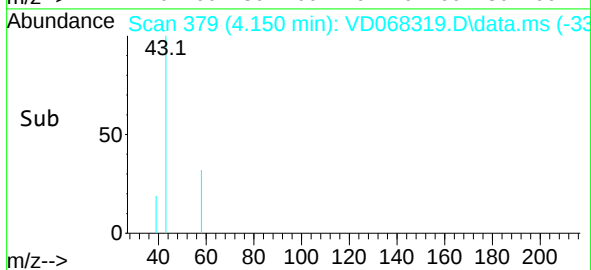
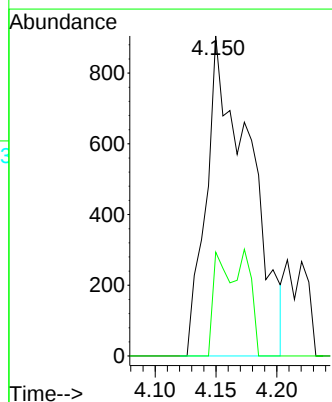
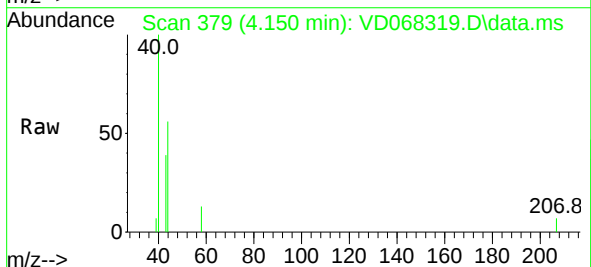
Instrument :
MSVOA_D
ClientSampleId :

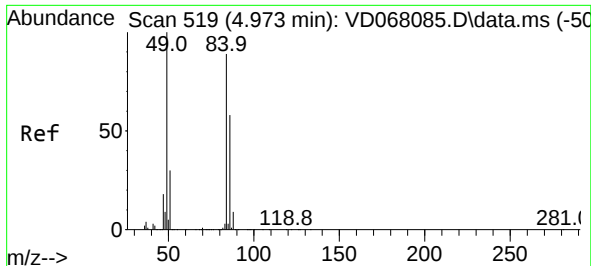
Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.38 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

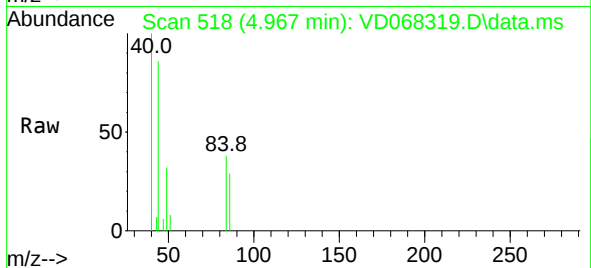
Tgt Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4



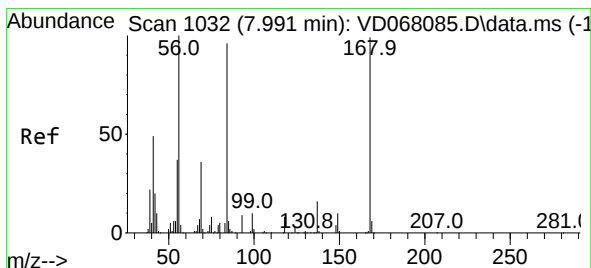
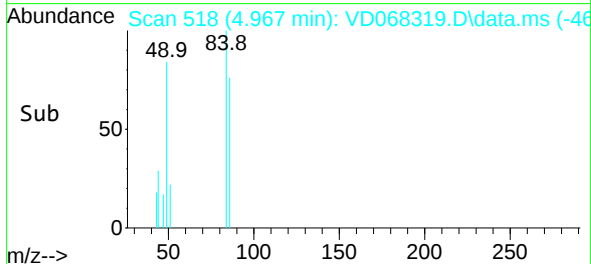
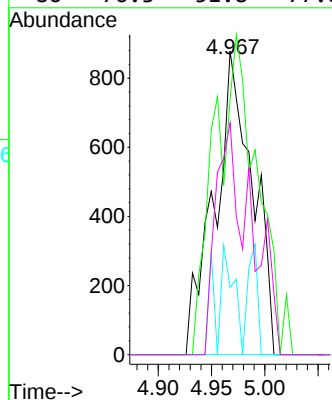


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

Instrument :
MSVOA_D
ClientSampled :

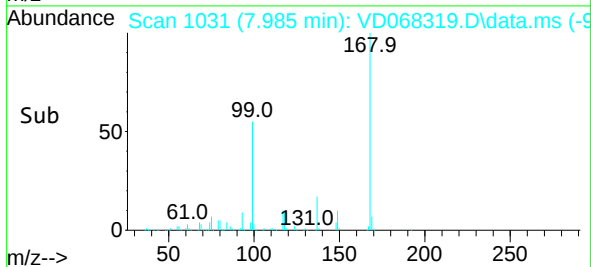
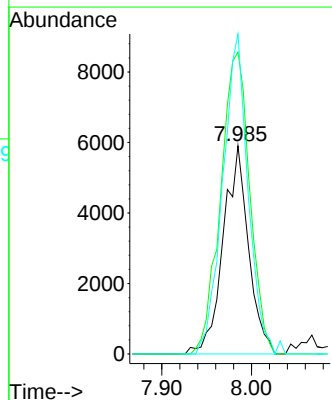
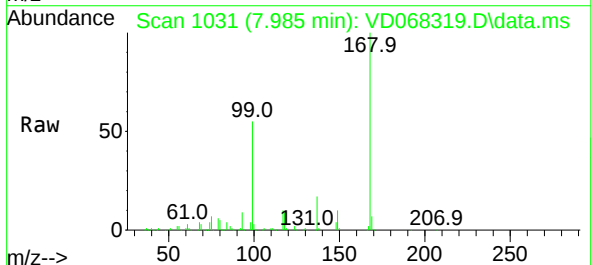


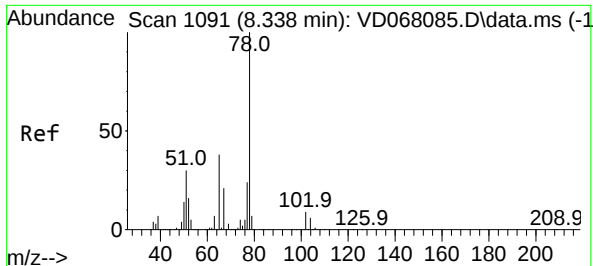
Tgt Ion:	84	Resp:	2184
Ion	Ratio	Lower	Upper
84	100		
49	84.3	77.4	116.2
51	22.2	26.1	39.1#
86	76.3	51.8	77.8



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

Tgt Ion:	56	Resp:	11573
Ion	Ratio	Lower	Upper
56	100		
69	145.0	30.1	45.1#
84	153.7	82.1	123.1#

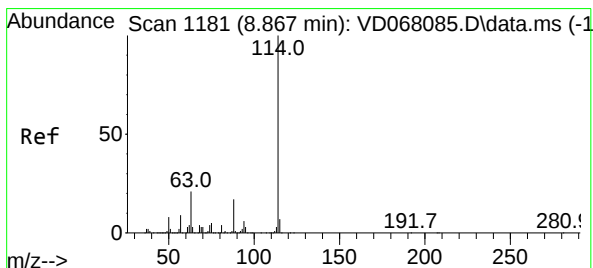
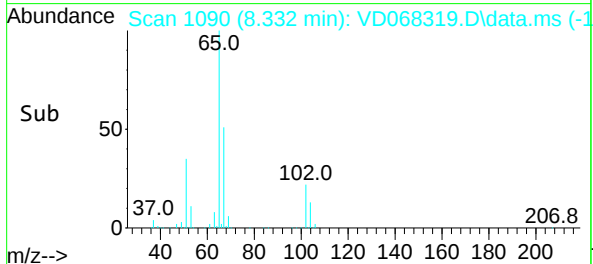
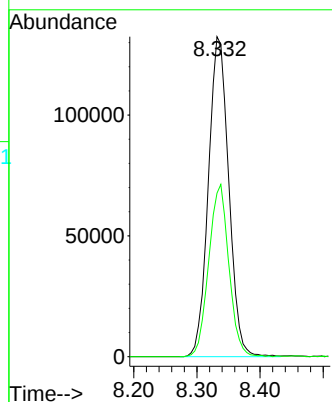
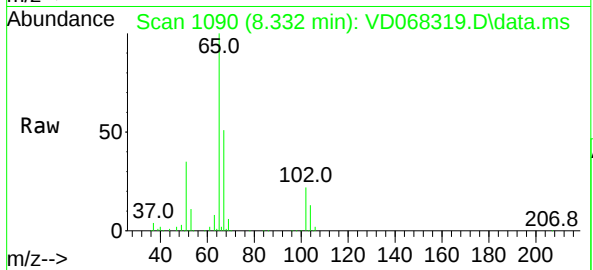




#33
 1,2-Dichloroethane-d4
 Concen: 56.41 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068319.D
 Acq: 08 Feb 2021 15:51

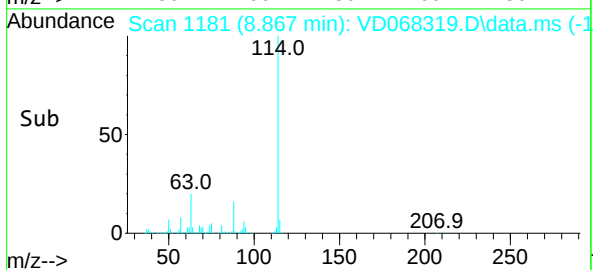
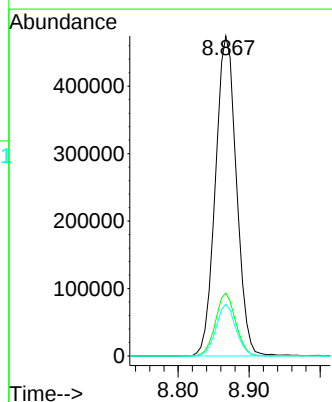
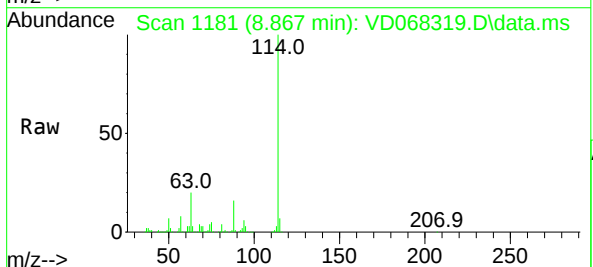
Instrument :
 MSVOA_D
 ClientSampleId :

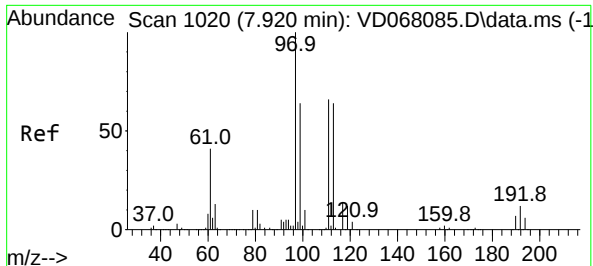
Tgt Ion: 65 Resp: 296731
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068319.D
 Acq: 08 Feb 2021 15:51

Tgt Ion: 114 Resp: 971015
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 34.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.14 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068319.D

Acq: 08 Feb 2021 15:51

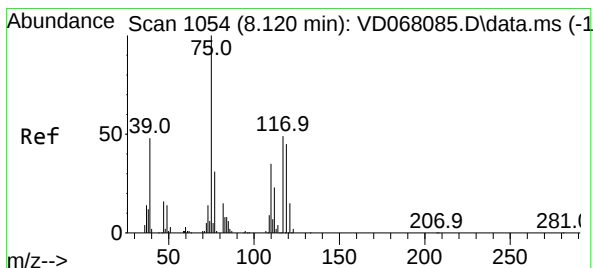
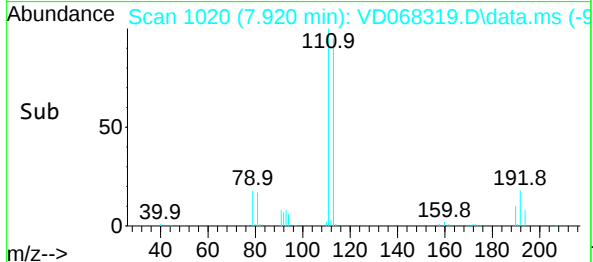
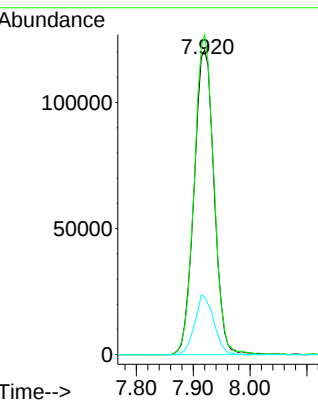
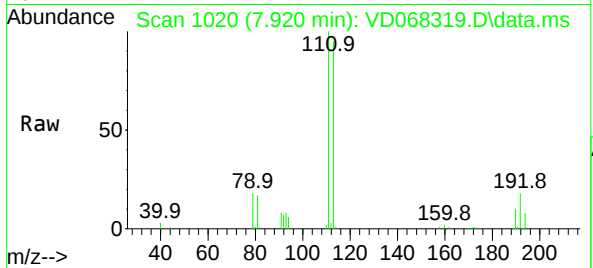
Tgt Ion:113 Resp: 296011

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.34 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068319.D

Acq: 08 Feb 2021 15:51

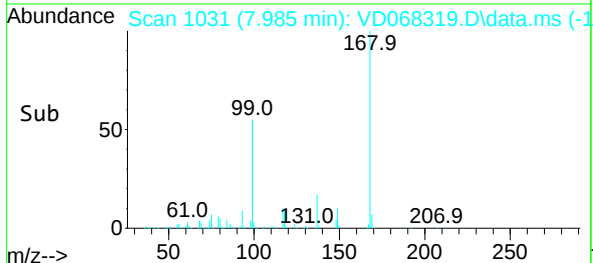
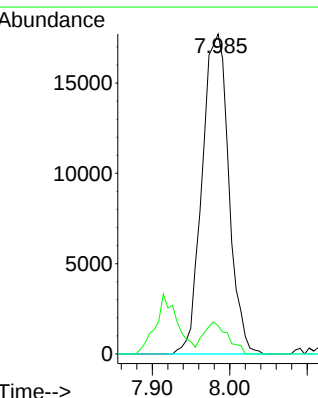
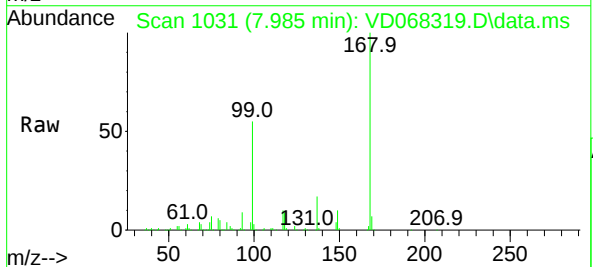
Tgt Ion: 75 Resp: 42455

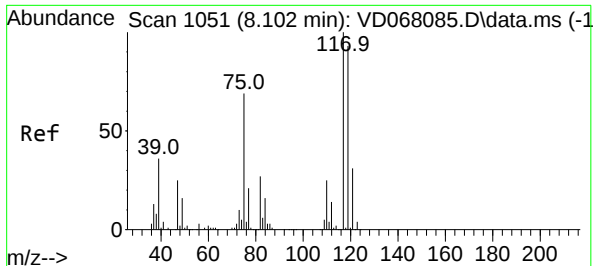
Ion Ratio Lower Upper

75 100

110 9.0 19.4 58.2#

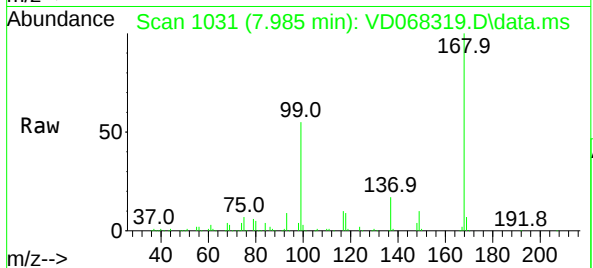
77 0.0 25.3 37.9#



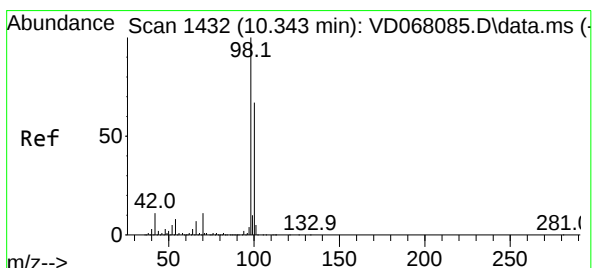
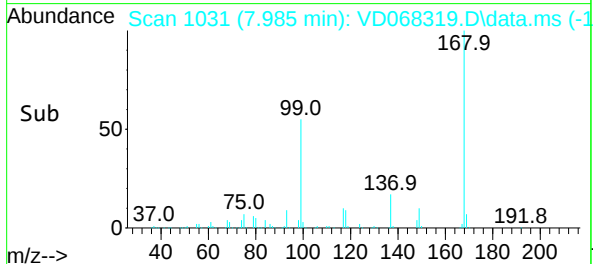
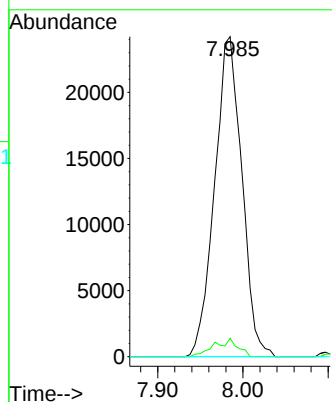


#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

Instrument :
MSVOA_D
ClientSampleId :

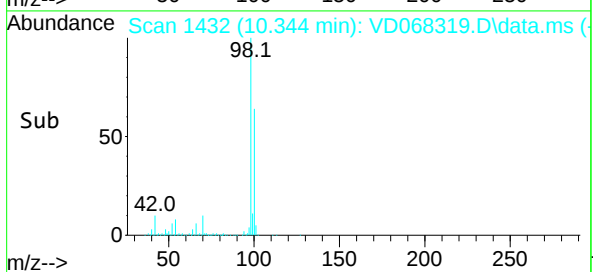
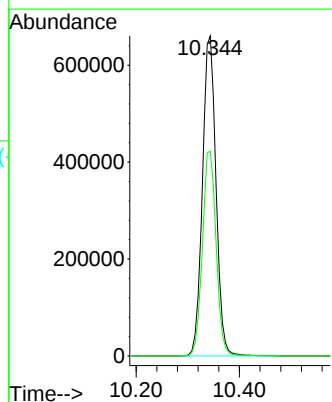
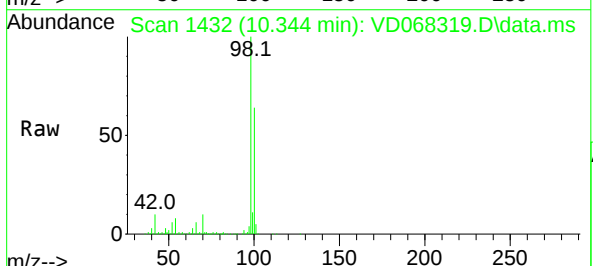


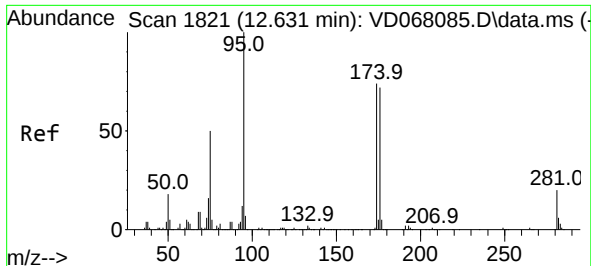
Tgt Ion:117 Resp: 53747
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.91 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

Tgt Ion: 98 Resp: 1200666
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

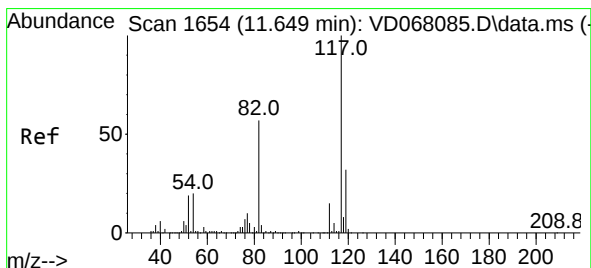
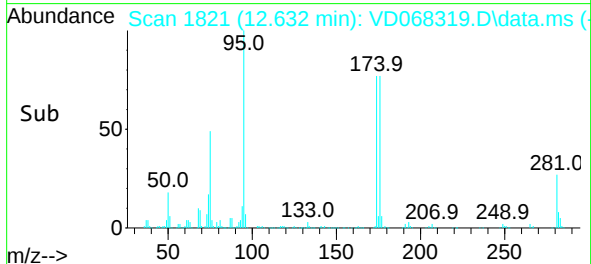
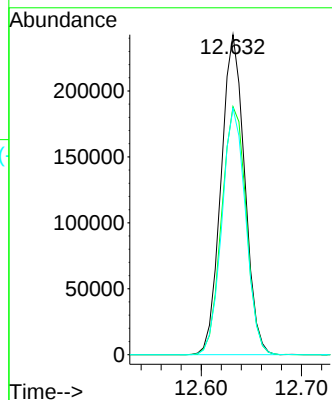
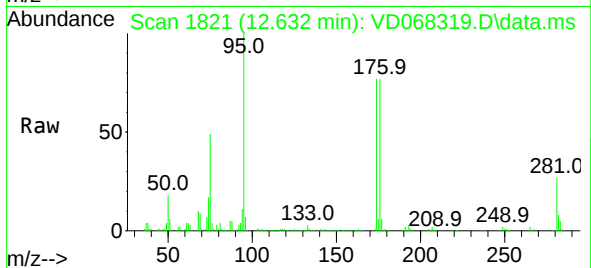




#62
4-Bromofluorobenzene
Concen: 51.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

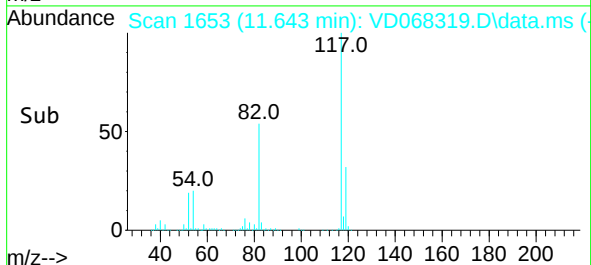
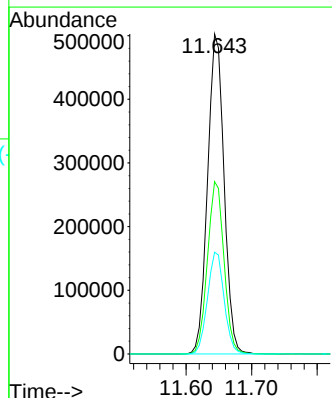
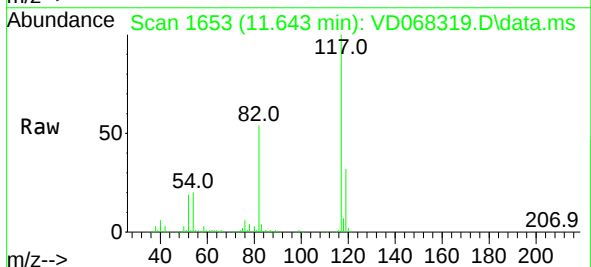
Instrument :
MSVOA_D
ClientSampleId :

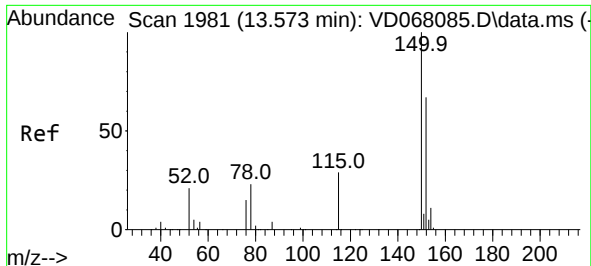
Tgt Ion: 95 Resp: 396046
Ion Ratio Lower Upper
95 100
174 80.5 0.0 172.4
176 77.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

Tgt Ion: 117 Resp: 878998
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 31.8 26.1 39.1

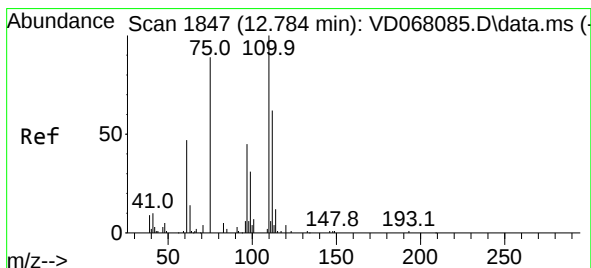
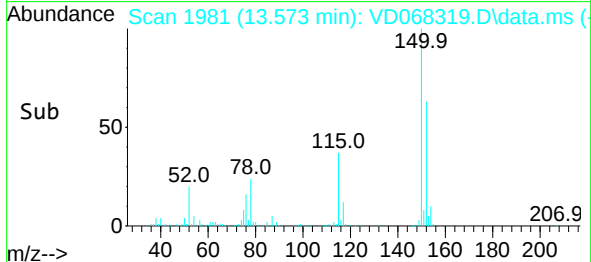
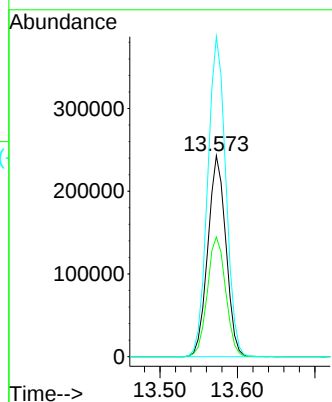
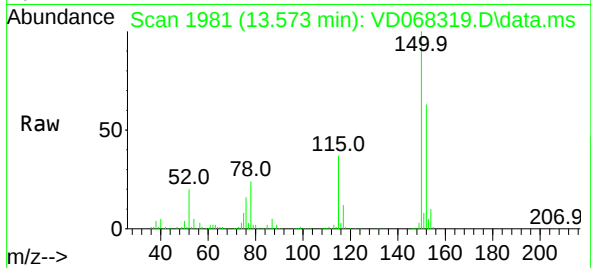




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

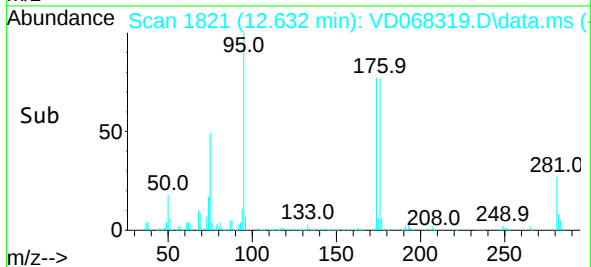
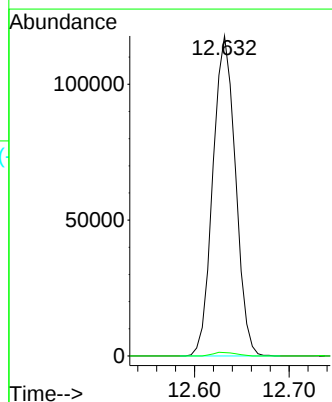
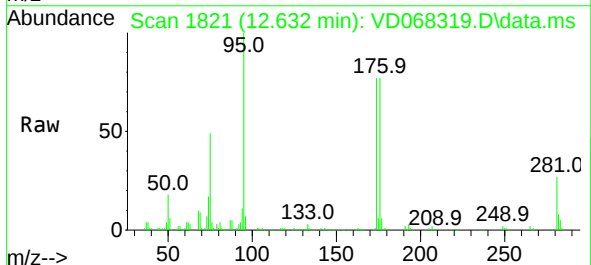
Instrument :
MSVOA_D
ClientSampleId :

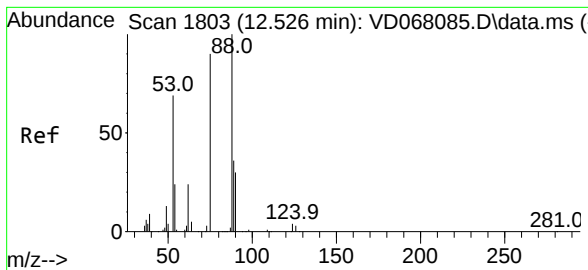
Tgt Ion:152 Resp: 392862
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 160.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068319.D
Acq: 08 Feb 2021 15:51

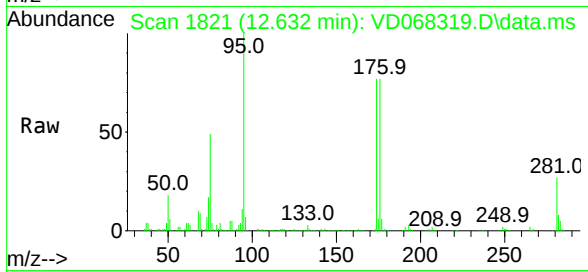
Tgt Ion: 75 Resp: 195576
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.19 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068319.D
 Acq: 08 Feb 2021 15:51

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 195576
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.2 40.3 60.5#

