

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068828.D
 Acq On : 12 Apr 2021 13:20
 Operator : VA/SY
 Sample : M1992-01
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:08:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

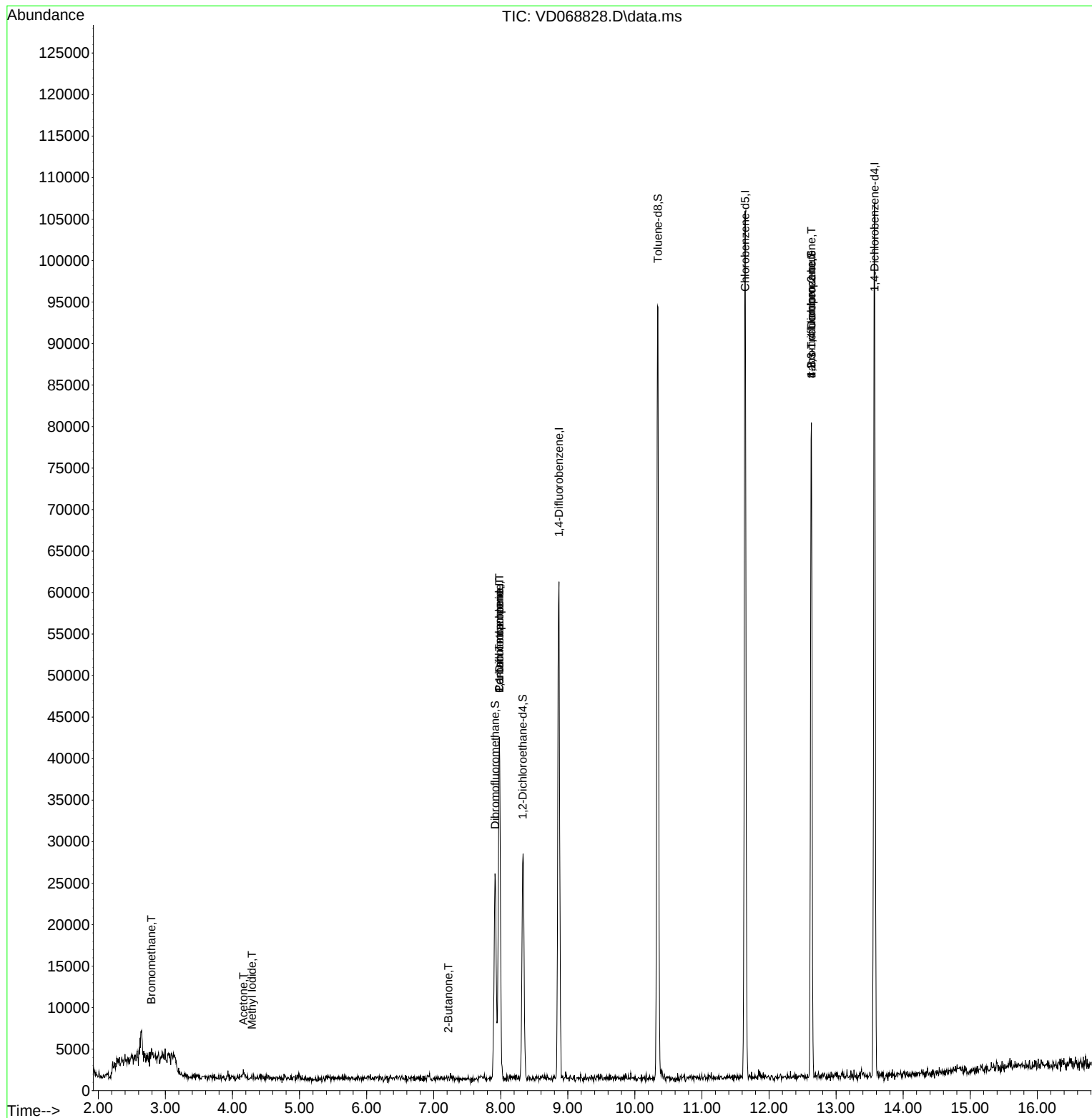
Internal Standards						
1) Pentafluorobenzene	7.979	168	31569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	53624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	64052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	29617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21847	65.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.96%
35) Dibromofluoromethane	7.914	113	18043	51.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.46%
50) Toluene-d8	10.344	98	69245	52.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.26%
62) 4-Bromofluorobenzene	12.632	95	25782	59.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.00%
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	467	1.35	ug/l #	66
10) Methyl Iodide	4.291	142	60	2.40	ug/l #	41
16) Acetone	4.162	43	956	20.69	ug/l #	40
20) Methylene Chloride	4.968	84	235	Below Cal	#	48
25) 2-Butanone	7.220	43	155	2.37	ug/l #	39
36) 1,1-Dichloropropene	7.979	75	2444	4.50	ug/l #	43
38) Carbon Tetrachloride	7.979	117	3111	5.79	ug/l #	12
76) 1,2,3-Trichloropropane	12.632	75	13036	48.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	13036	111.81	ug/l #	16

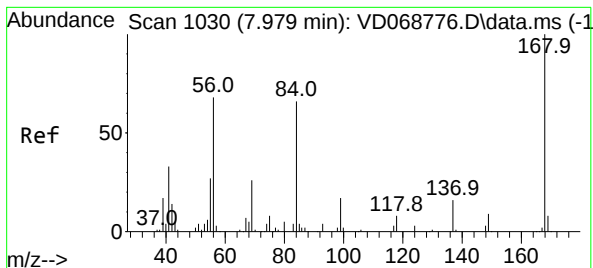
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068828.D
Acq On : 12 Apr 2021 13:20
Operator : VA/SY
Sample : M1992-01
Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 13 01:08:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

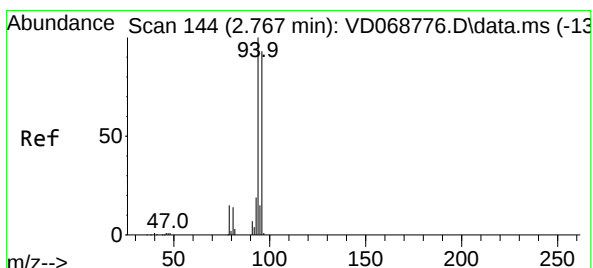
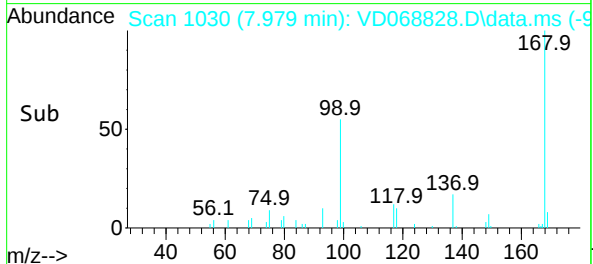
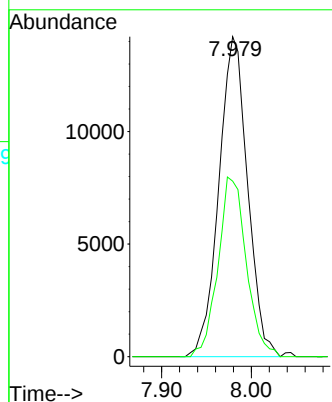
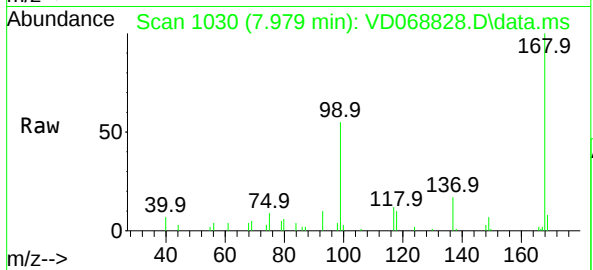




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

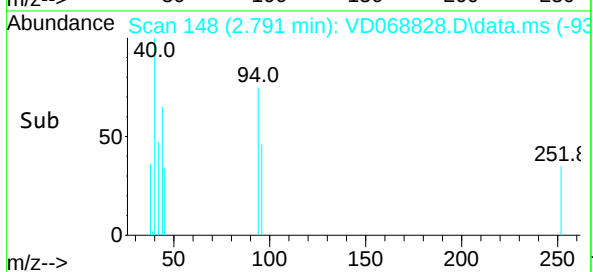
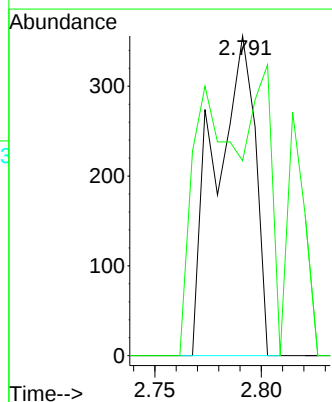
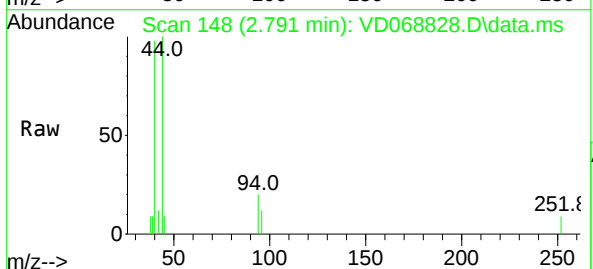
Instrument :
MSVOA_D
ClientSampled :

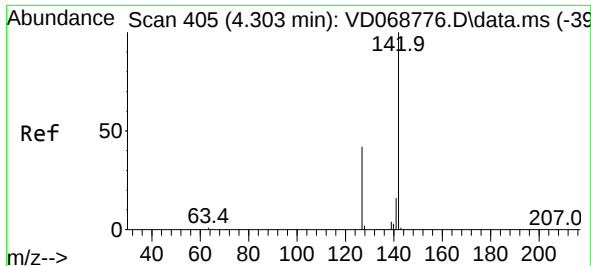
Tgt Ion:168 Resp: 31569
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#5
Bromomethane
Concen: 1.35 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.024 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

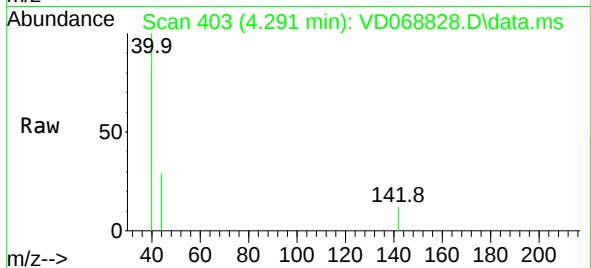
Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 61.0 74.7 112.1#



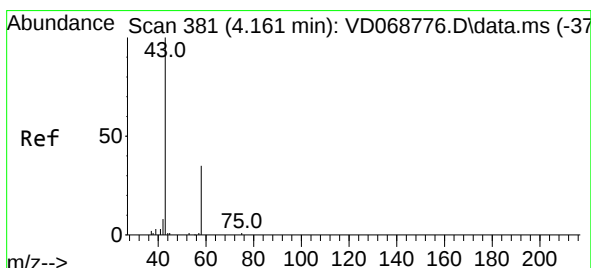
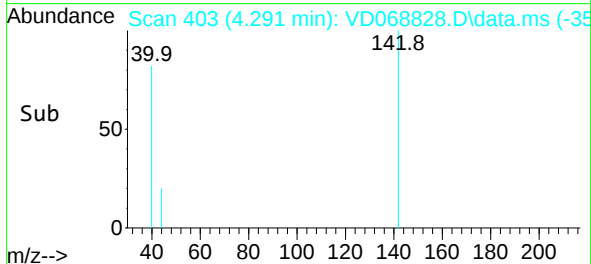
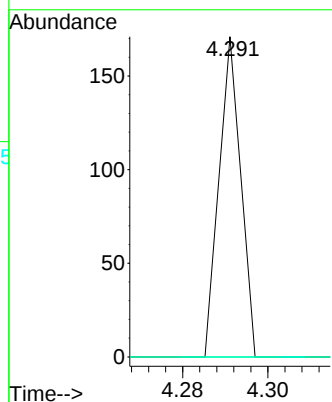


#10
Methyl Iodide
Concen: 2.40 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Instrument :
MSVOA_D
ClientSampled :

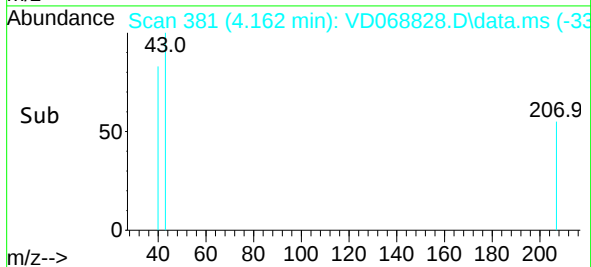
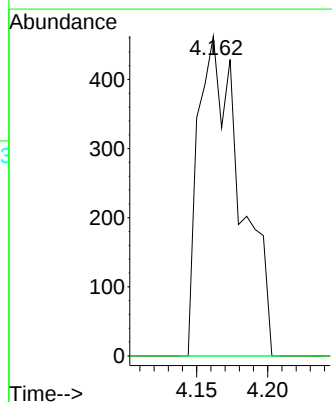
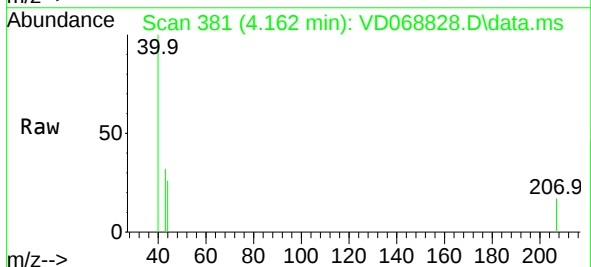


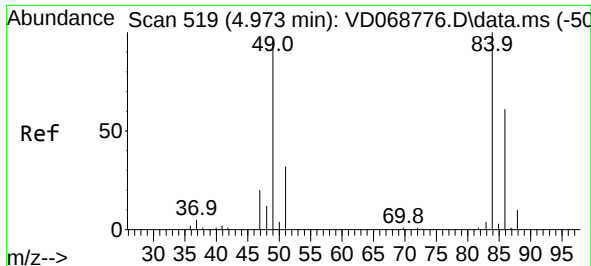
Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



#16
Acetone
Concen: 20.69 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

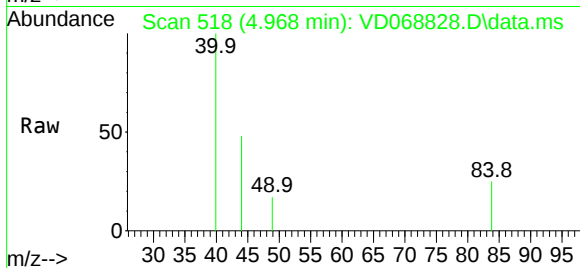
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



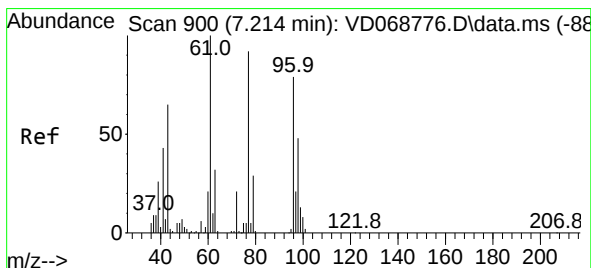
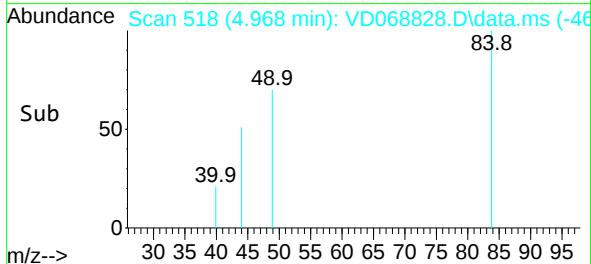
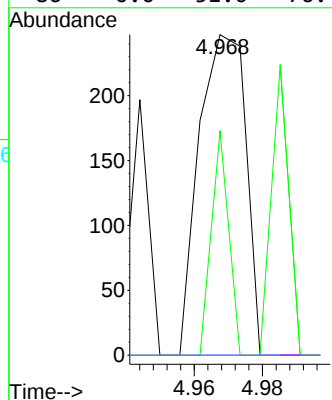


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Instrument :
MSVOA_D
ClientSampleId :

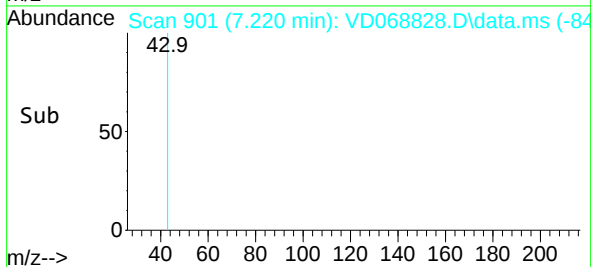
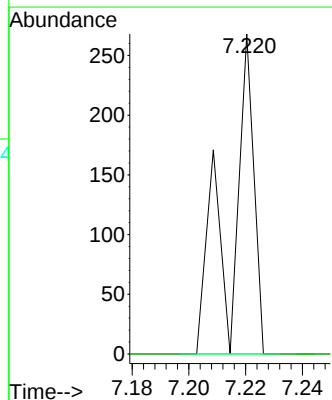
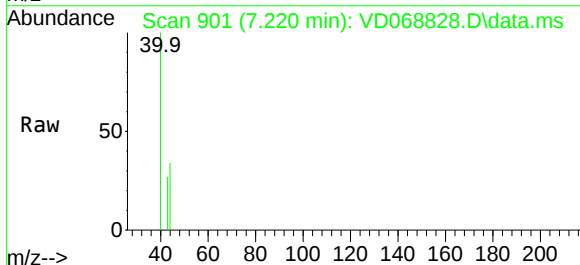


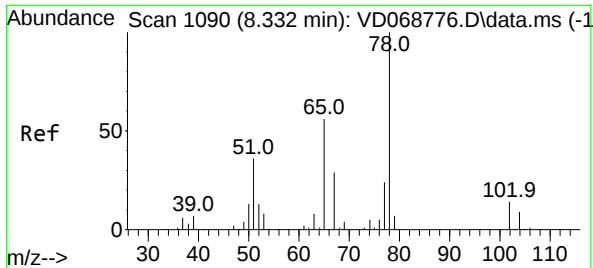
Tgt Ion: 84 Resp: 235
Ion Ratio Lower Upper
84 100
49 70.0 83.4 125.0#
51 0.0 23.4 35.2#
86 0.0 51.0 76.4#



#25
2-Butanone
Concen: 2.37 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#

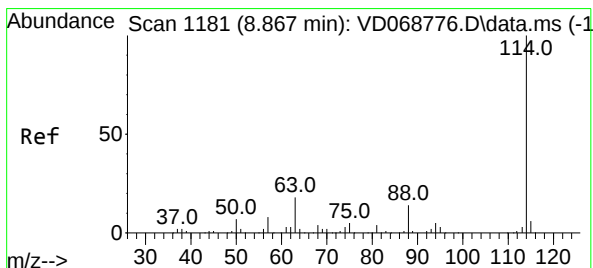
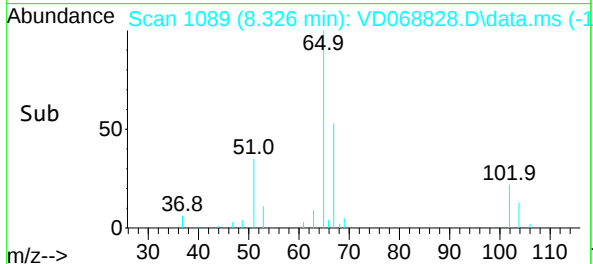
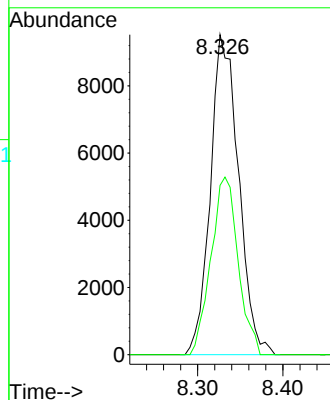
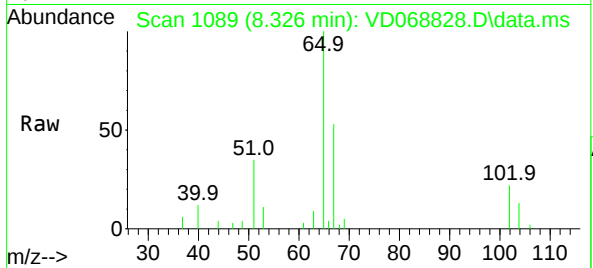




#33
1,2-Dichloroethane-d4
Concen: 65.48 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

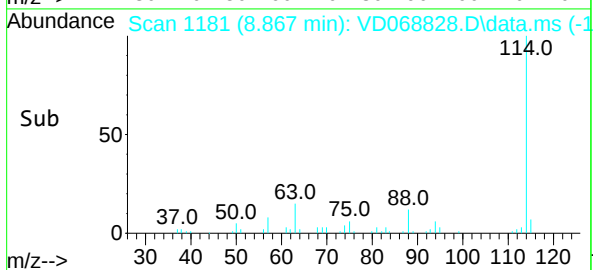
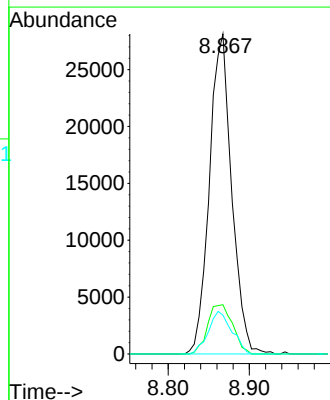
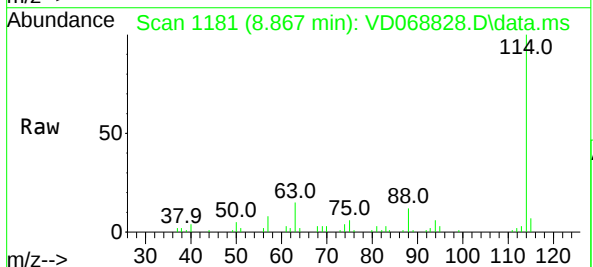
Instrument :
MSVOA_D
ClientSampled :

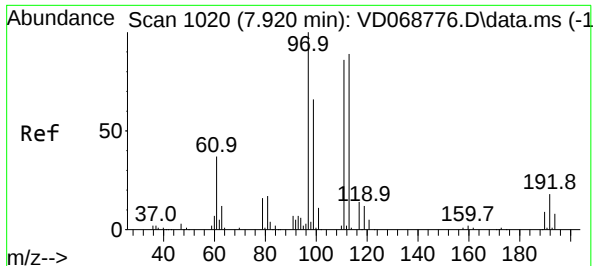
Tgt Ion: 65 Resp: 21847
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion: 114 Resp: 53624
Ion Ratio Lower Upper
114 100
63 15.4 0.0 38.2
88 12.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.73 ug/l

RT: 7.914 min Scan# 1019

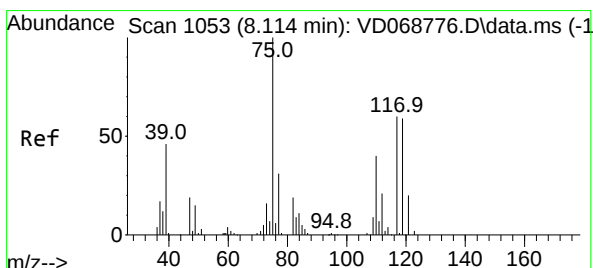
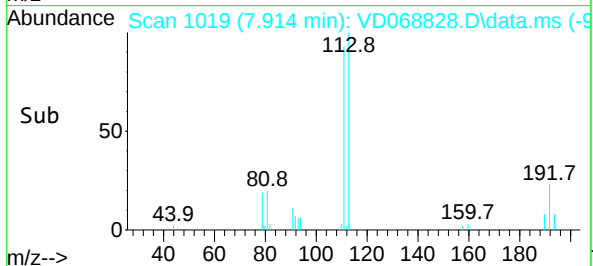
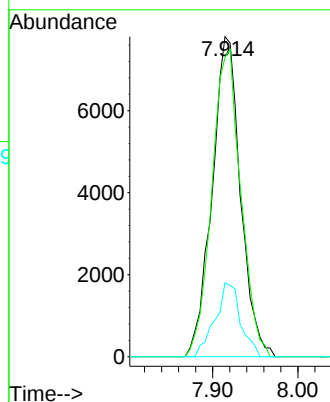
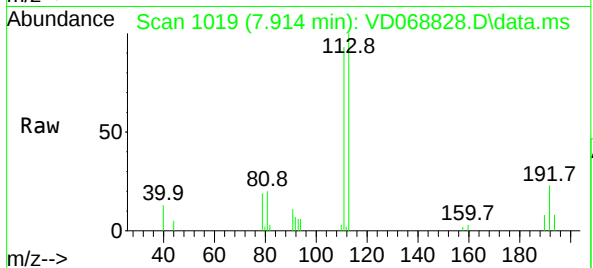
Delta R.T. -0.006 min

Lab File: VD068828.D

Acq: 12 Apr 2021 13:20

Tgt Ion:	113	Resp:	18043
Ion	Ratio	Lower	Upper
113	100		
111	98.1	82.5	123.7
192	20.6	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.50 ug/l

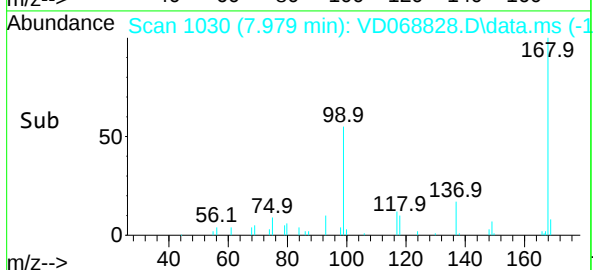
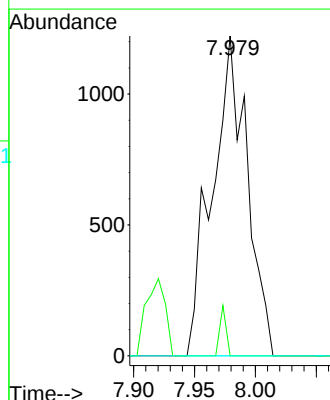
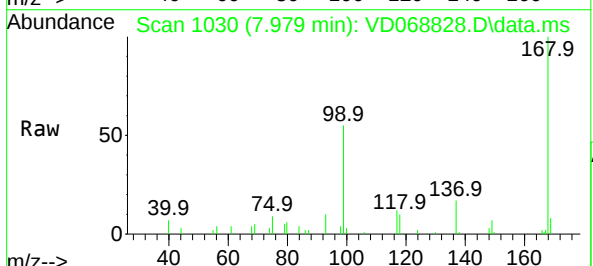
RT: 7.979 min Scan# 1030

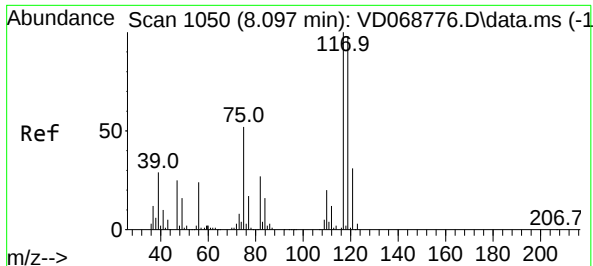
Delta R.T. -0.135 min

Lab File: VD068828.D

Acq: 12 Apr 2021 13:20

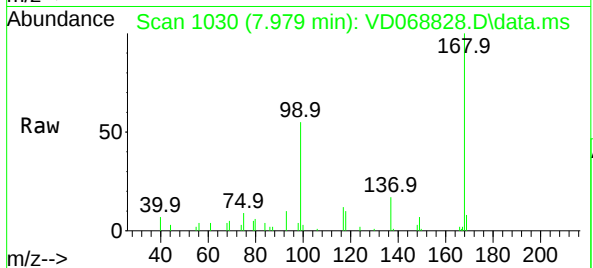
Tgt Ion:	75	Resp:	2444
Ion	Ratio	Lower	Upper
75	100		
110	2.8	18.1	54.4#
77	0.0	24.7	37.1#



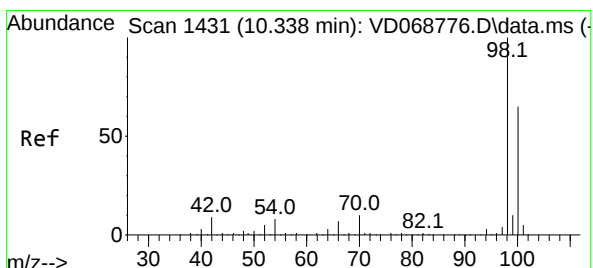
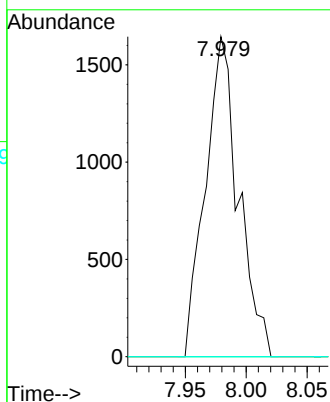
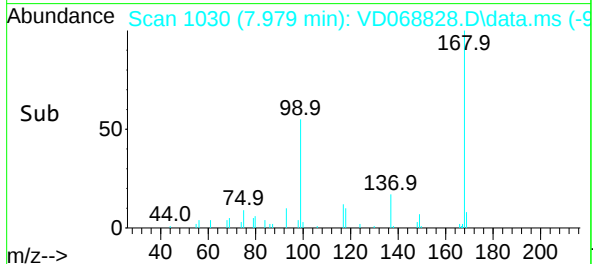


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

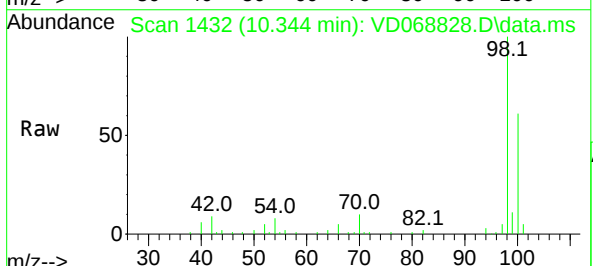
Instrument :
MSVOA_D
ClientSampled :



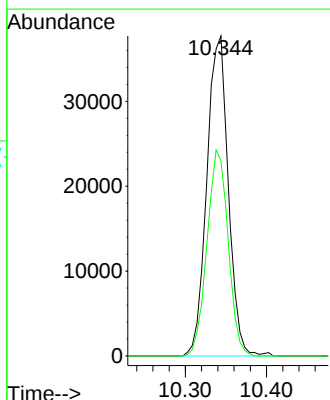
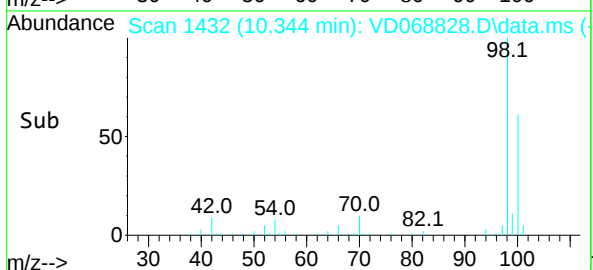
Tgt Ion:117 Resp: 3111
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#

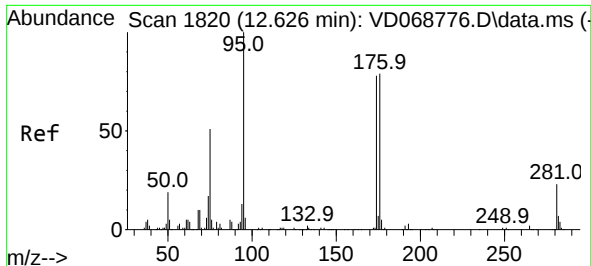


#50
Toluene-d8
Concen: 52.63 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20



Tgt Ion: 98 Resp: 69245
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6

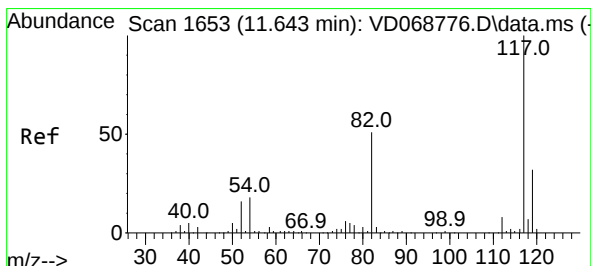
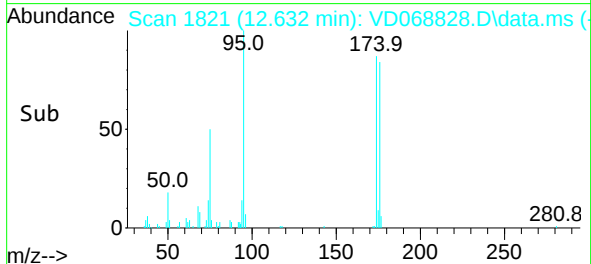
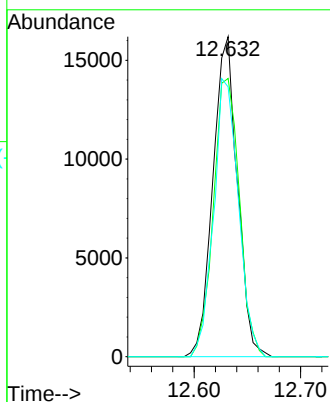
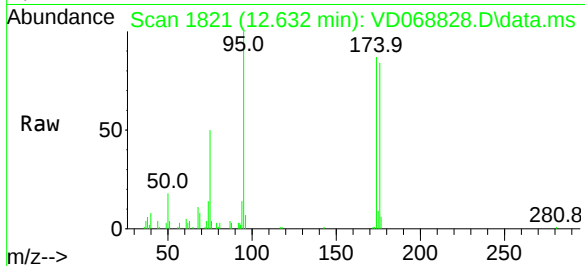




#62
4-Bromofluorobenzene
Concen: 59.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

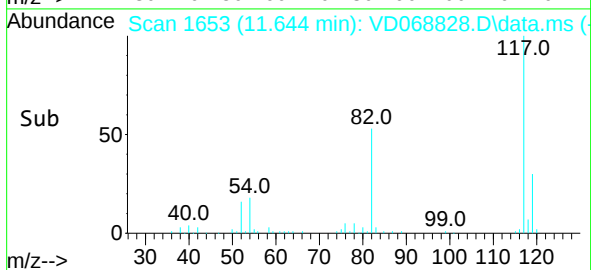
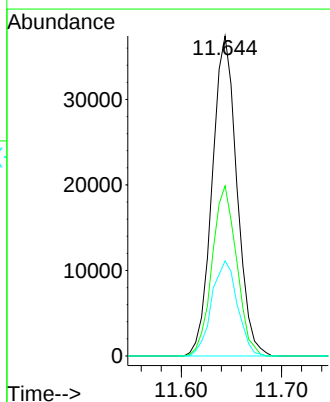
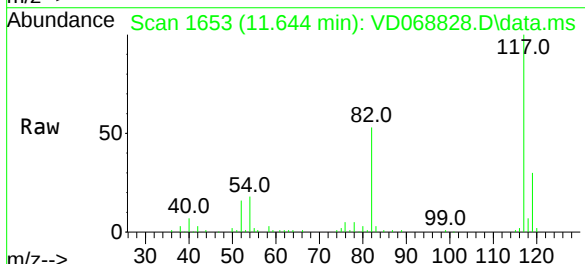
Instrument :
MSVOA_D
ClientSampleId :

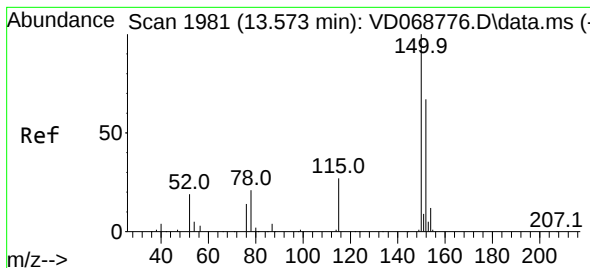
Tgt Ion: 95 Resp: 25782
Ion Ratio Lower Upper
95 100
174 92.2 0.0 168.0
176 88.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

Tgt Ion: 117 Resp: 64052
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 29.7 26.7 40.1

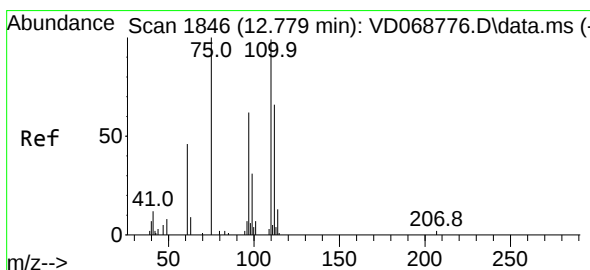
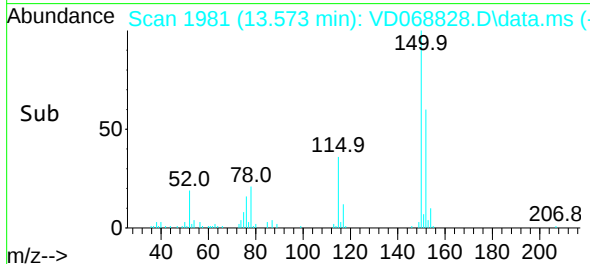
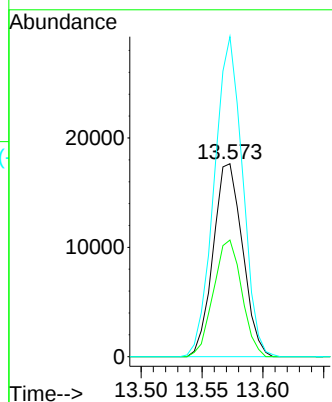
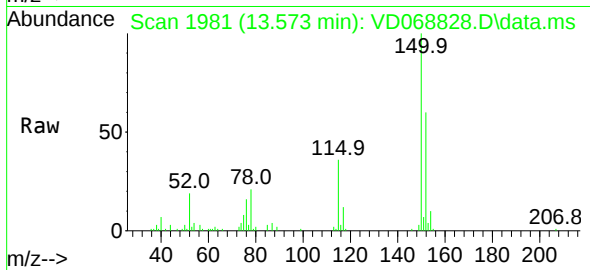




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

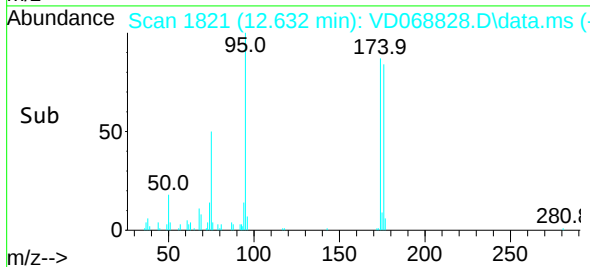
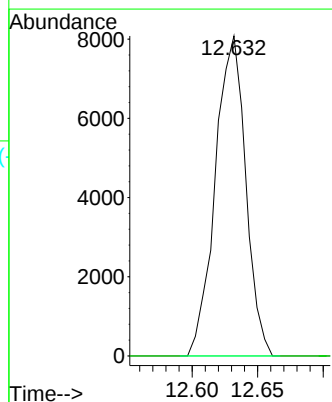
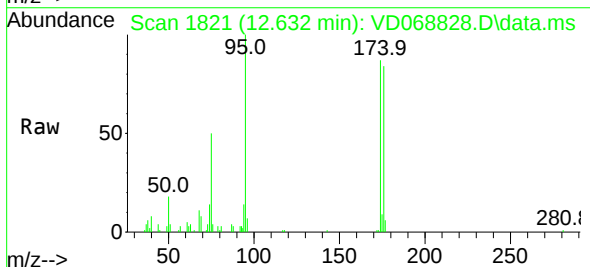
Instrument :
MSVOA_D
ClientSampled :

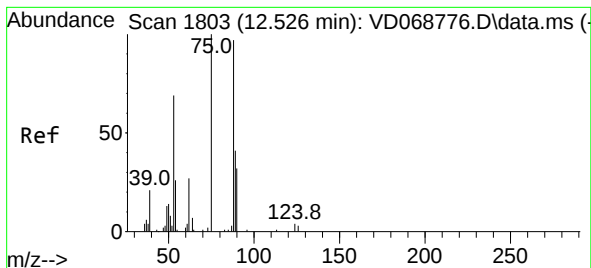
Tgt Ion:152 Resp: 29617
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 160.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068828.D
Acq: 12 Apr 2021 13:20

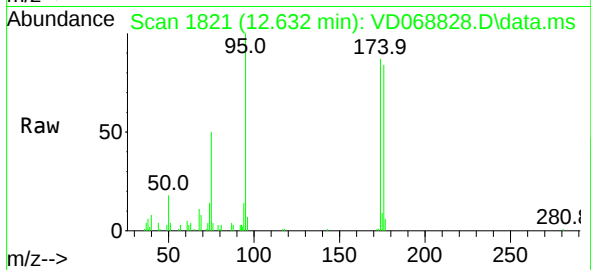
Tgt Ion: 75 Resp: 13036
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.81 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068828.D
 Acq: 12 Apr 2021 13:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 13036
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

