

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068944.D
 Acq On : 22 Apr 2021 10:55
 Operator : VA/SY
 Sample : VD0422SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

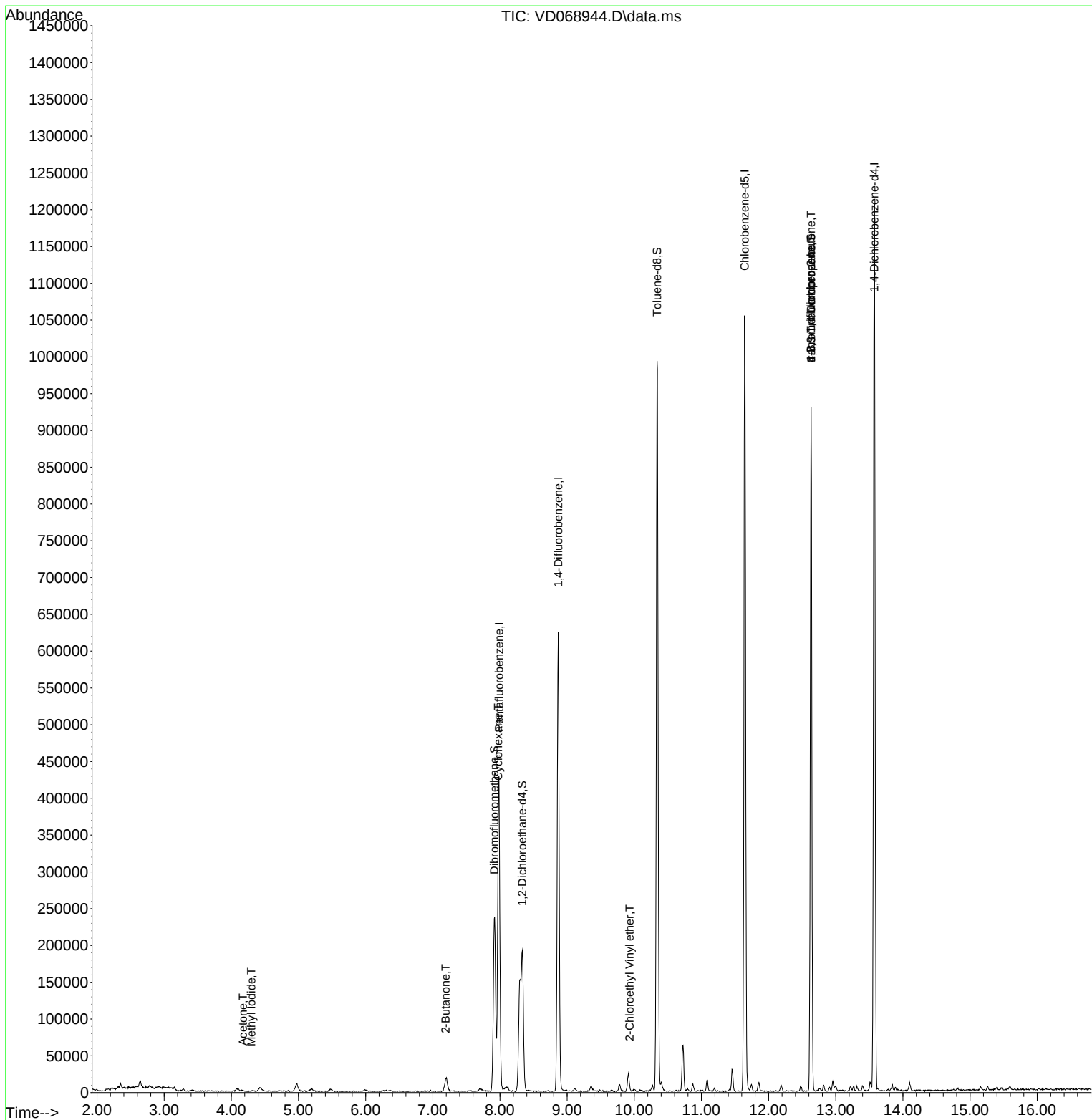
Quant Time: Apr 23 08:43:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

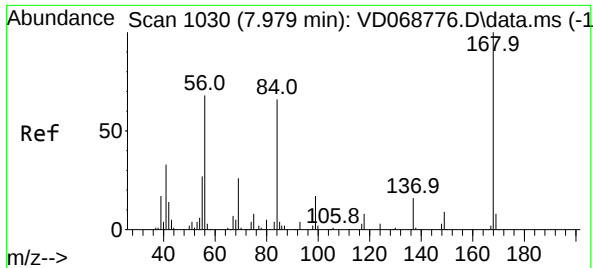
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	326594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	649740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	328148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139013	40.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.54%
35) Dibromofluoromethane	7.914	113	171048	46.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.92%
50) Toluene-d8	10.338	98	720435	51.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.76%
62) 4-Bromofluorobenzene	12.632	95	286833	62.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.38%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	752	2.43	ug/l #	50
11) Tert butyl alcohol	5.185	59	2776	Below Cal	#	73
16) Acetone	4.173	43	1937	4.05	ug/l #	40
20) Methylene Chloride	4.973	84	8609	Below Cal	#	71
25) 2-Butanone	7.191	43	873	1.29	ug/l #	39
31) Cyclohexane	7.973	56	8381	1.46	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.932	63	86	17.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	138104	46.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	138104	106.91	ug/l #	16

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

Quant Time: Apr 23 08:43:20 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

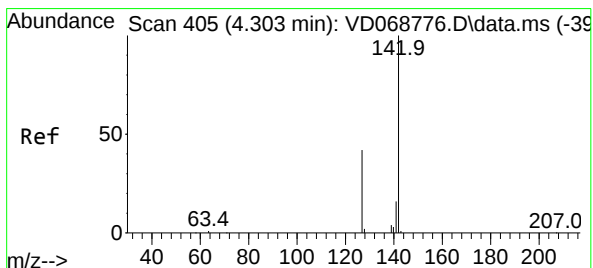
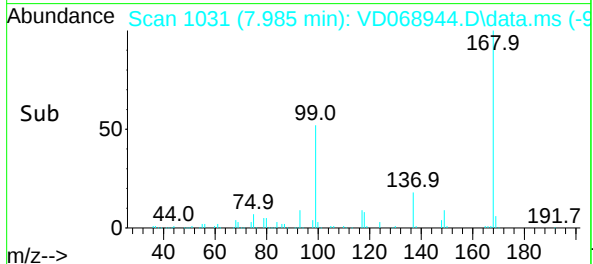
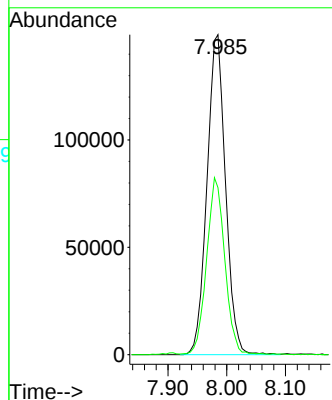
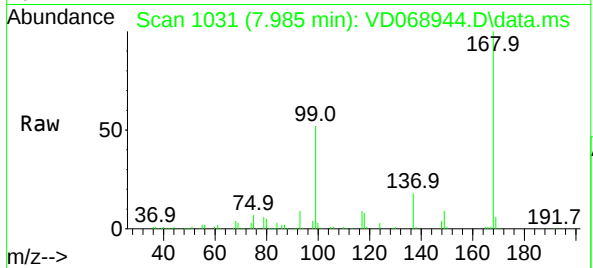




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

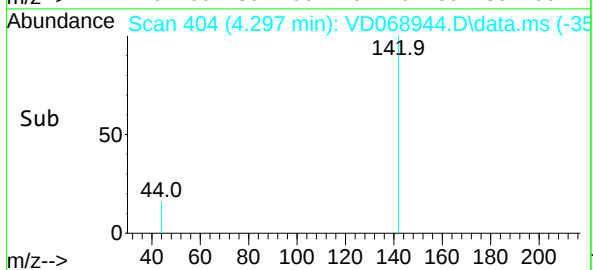
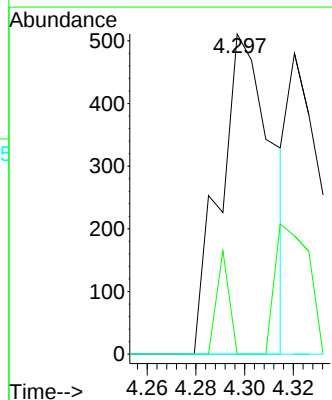
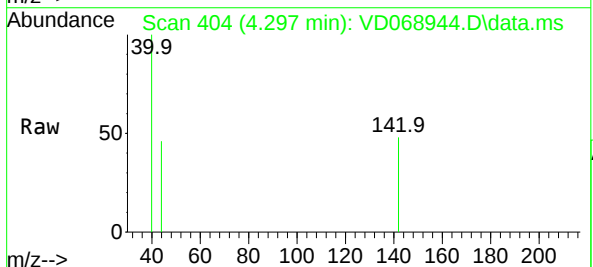
Instrument :
MSVOA_D
ClientSampled :

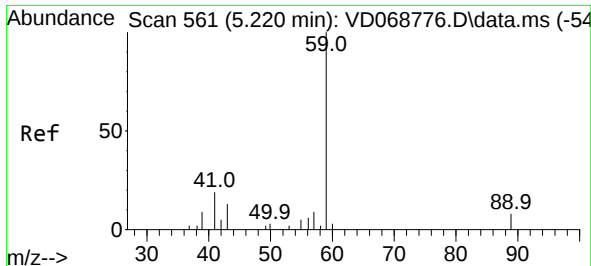
Tgt Ion:168 Resp: 326594
Ion Ratio Lower Upper
168 100
99 52.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.43 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion:142 Resp: 752
Ion Ratio Lower Upper
142 100
127 7.7 34.7 52.1#
141 0.0 11.0 16.4#

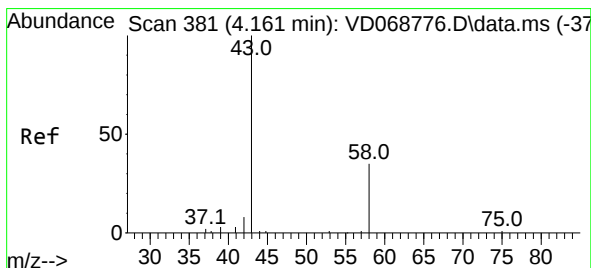
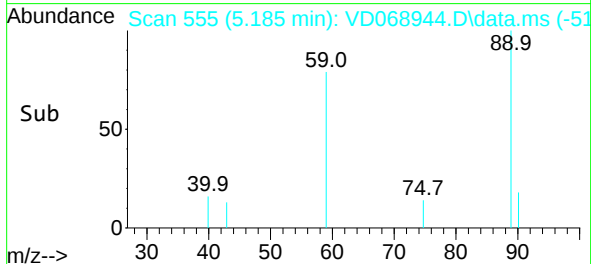
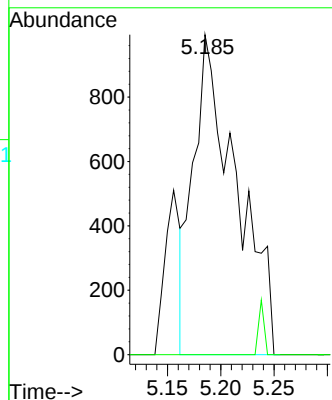
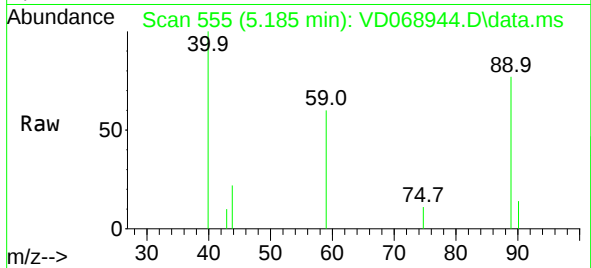




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

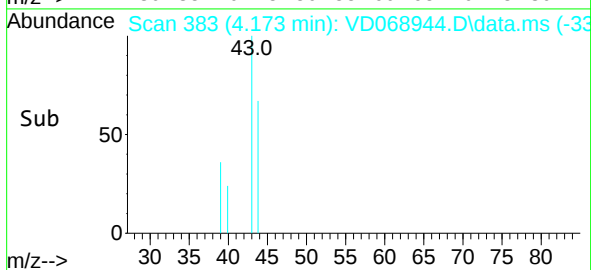
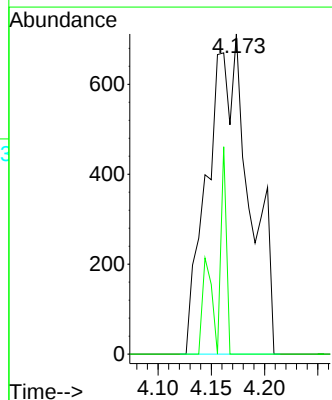
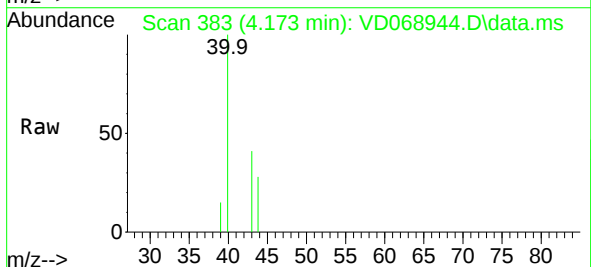
Instrument :
MSVOA_D
ClientSampleId :

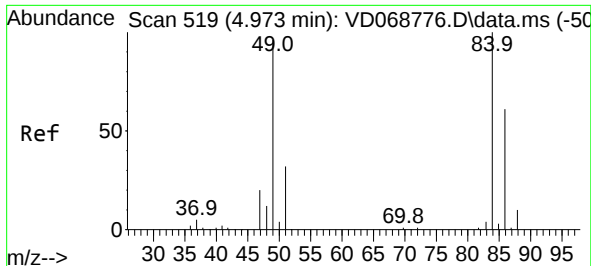
Tgt Ion: 59 Resp: 2776
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.05 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

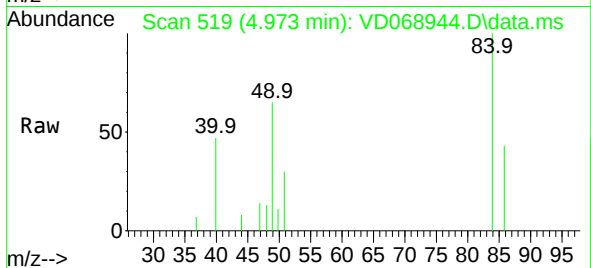
Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



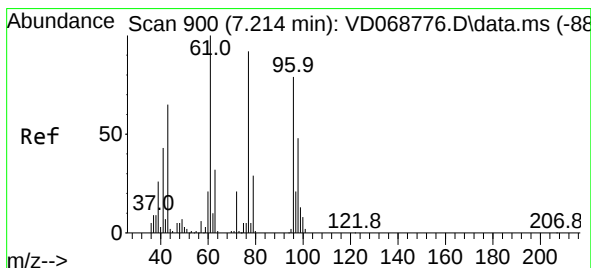
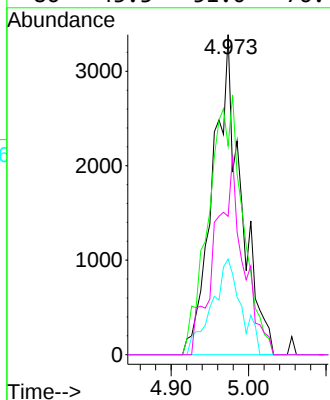
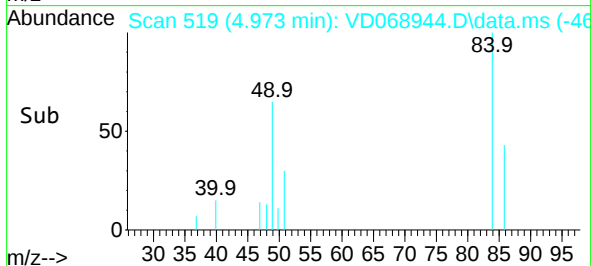


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

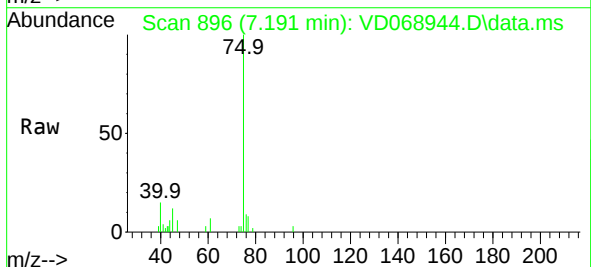
Instrument :
MSVOA_D
ClientSampled :



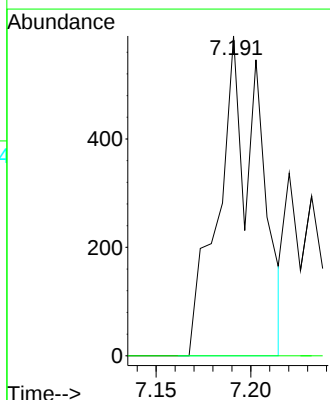
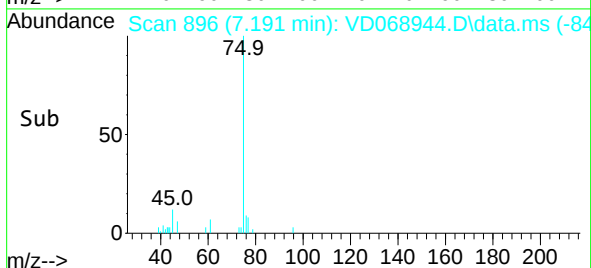
Tgt Ion:	84	Resp:	8609
Ion	Ratio	Lower	Upper
84	100		
49	65.2	83.4	125.0#
51	29.8	23.4	35.2
86	43.3	51.0	76.4#

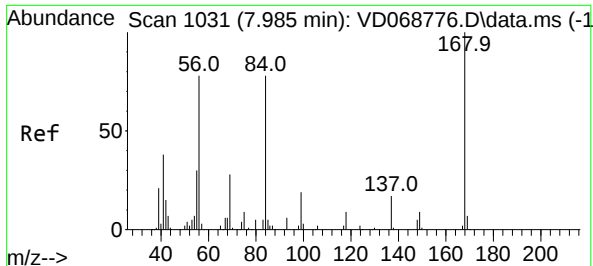


#25
2-Butanone
Concen: 1.29 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.023 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55



Tgt Ion:	43	Resp:	873
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.6	43.0#





#31

Cyclohexane

Concen: 1.46 ug/l

RT: 7.973 min Scan# 1029

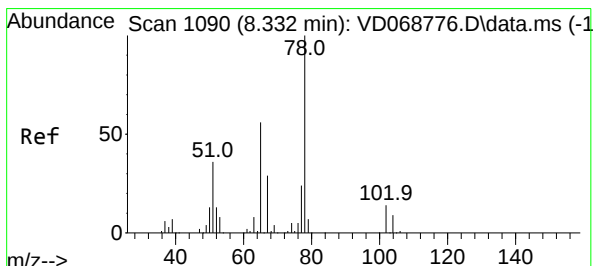
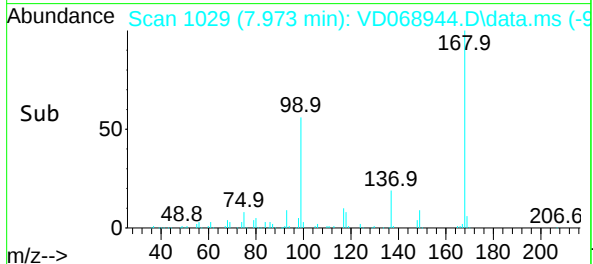
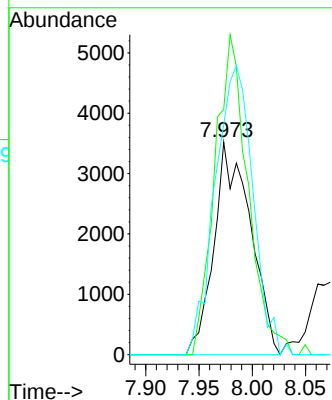
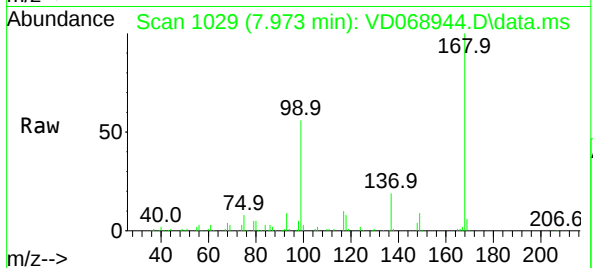
Delta R.T. -0.012 min

Lab File: VD068944.D

Acq: 22 Apr 2021 10:55

Tgt Ion:	56	Resp:	8381
Ion	Ratio	Lower	Upper
56	100		
69	115.6	30.0	45.0#
84	108.3	82.0	123.0

Instrument :
MSVOA_D
ClientSampled :



#33

1,2-Dichloroethane-d4

Concen: 40.27 ug/l

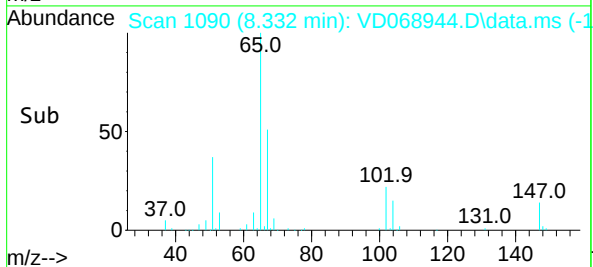
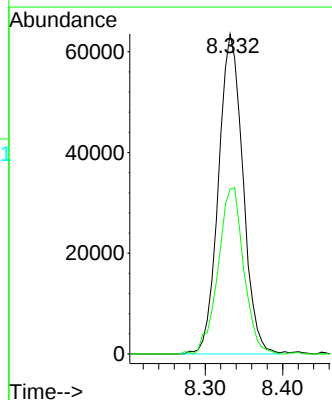
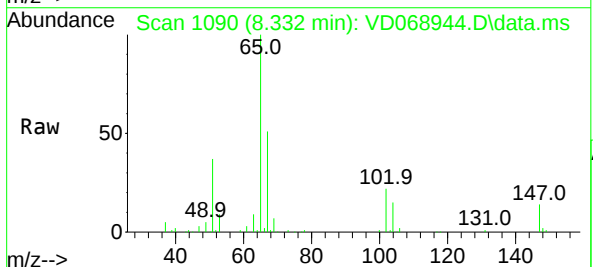
RT: 8.332 min Scan# 1090

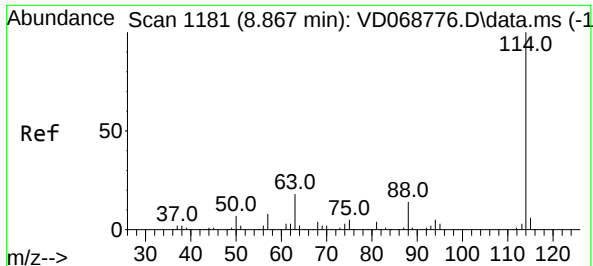
Delta R.T. 0.000 min

Lab File: VD068944.D

Acq: 22 Apr 2021 10:55

Tgt Ion:	65	Resp:	139013
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	106.0

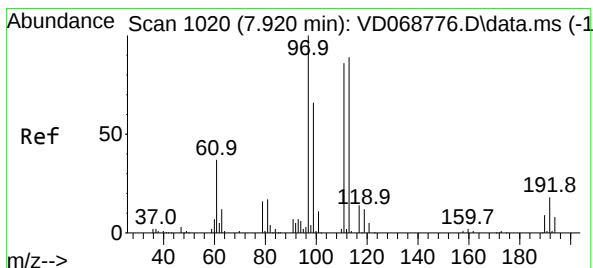
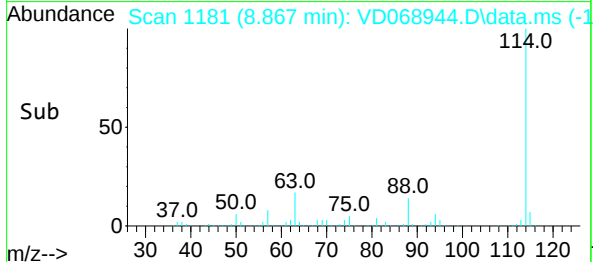
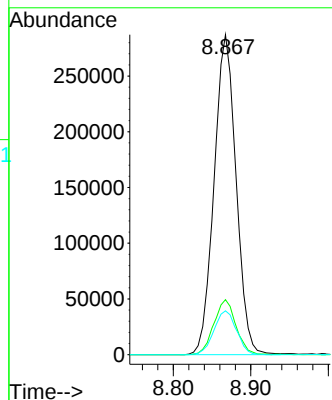
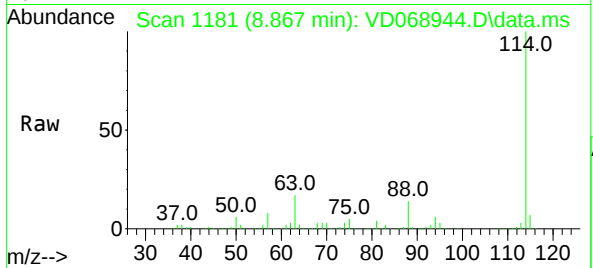




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

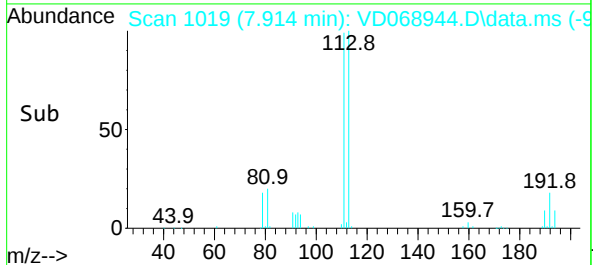
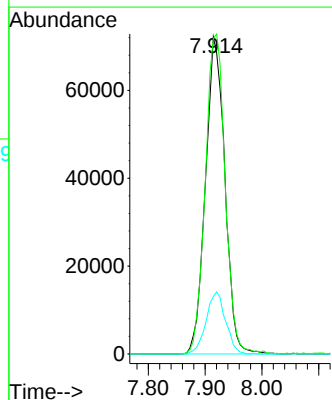
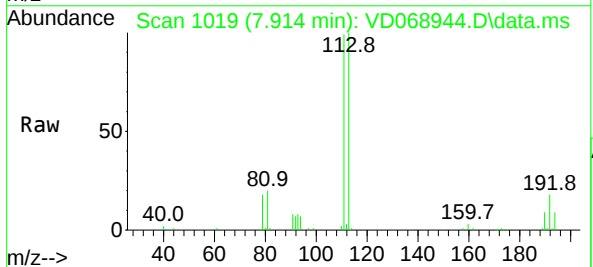
Instrument :
MSVOA_D
ClientSampled :

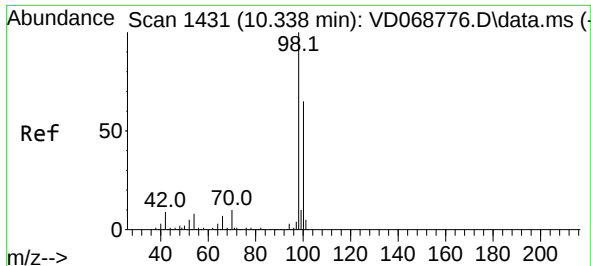
Tgt Ion:114 Resp: 565981
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 13.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.46 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion:113 Resp: 171048
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 19.6 15.1 22.7

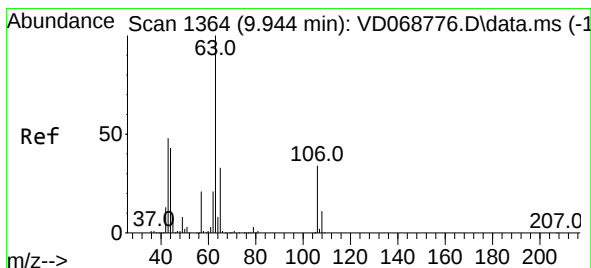
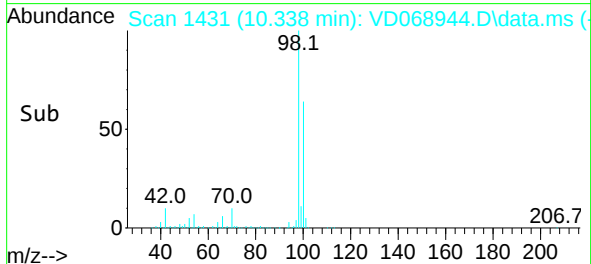
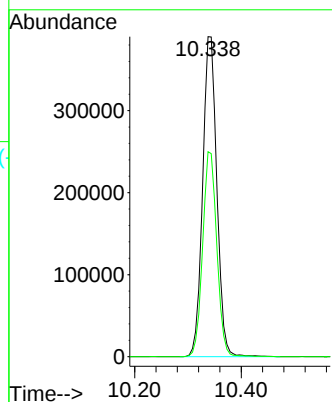
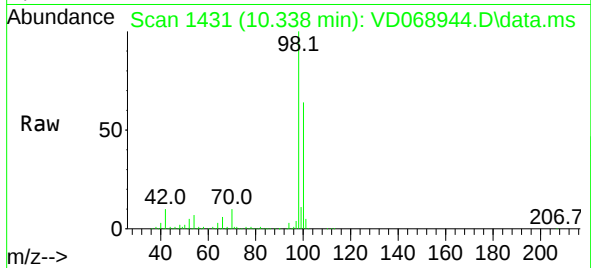




#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

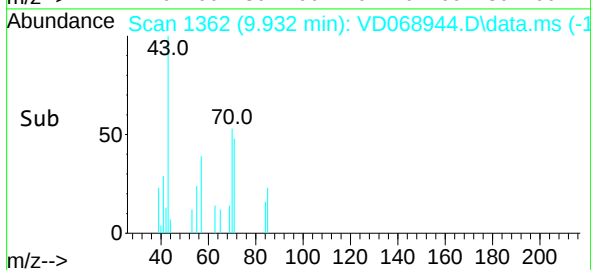
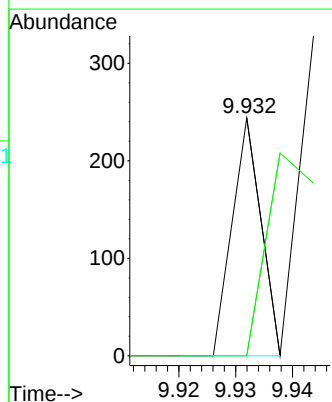
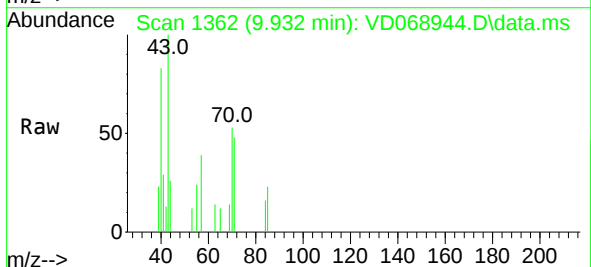
Instrument :
MSVOA_D
ClientSampled :

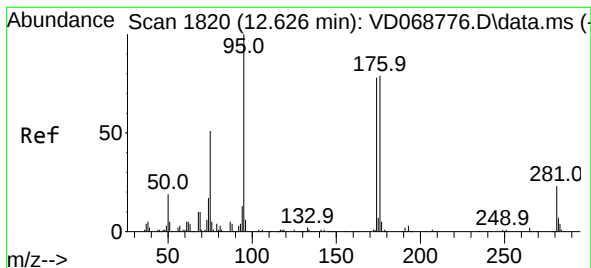
Tgt Ion: 98 Resp: 720435
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.04 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.012 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion: 63 Resp: 86
Ion Ratio Lower Upper
63 100
106 158.1 24.6 36.8#

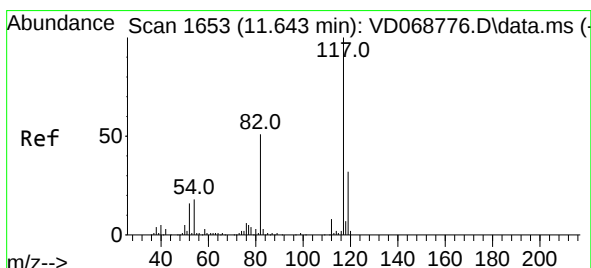
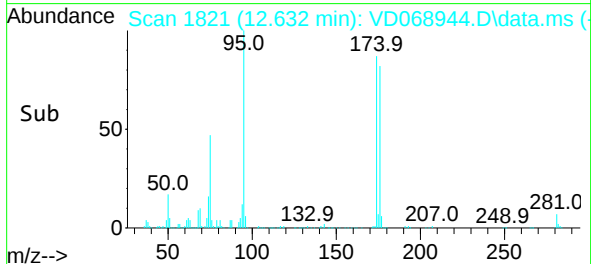
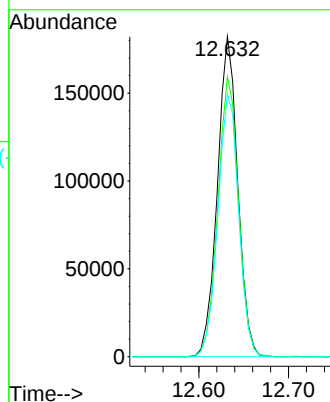
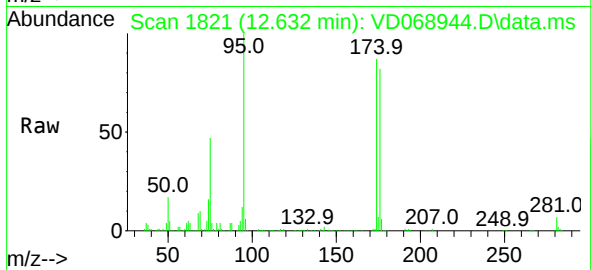




#62
4-Bromofluorobenzene
Concen: 62.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

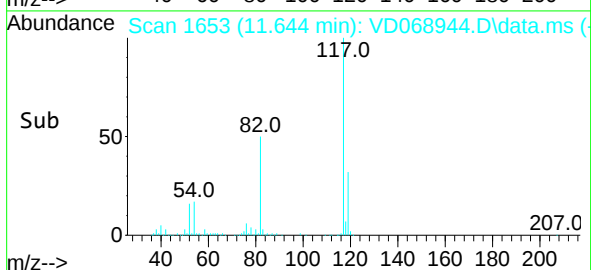
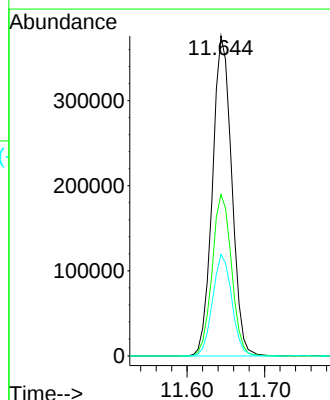
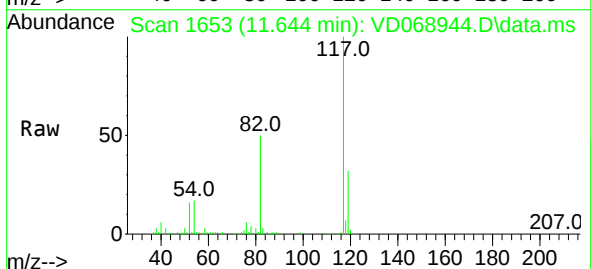
Instrument :
MSVOA_D
ClientSampleId :

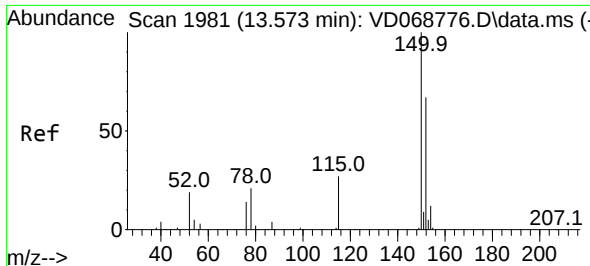
Tgt Ion: 95 Resp: 286833
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.0
176 83.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

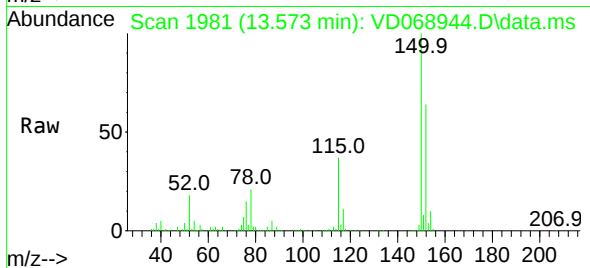
Tgt Ion:117 Resp: 649740
Ion Ratio Lower Upper
117 100
82 50.5 43.5 65.3
119 31.8 26.7 40.1



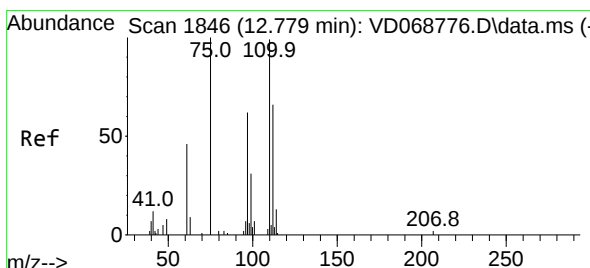
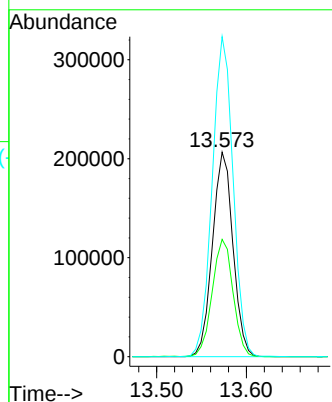
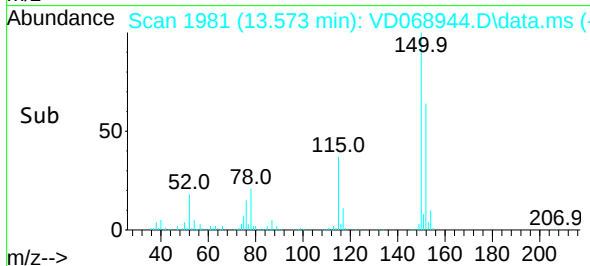


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068944.D
 Acq: 22 Apr 2021 10:55

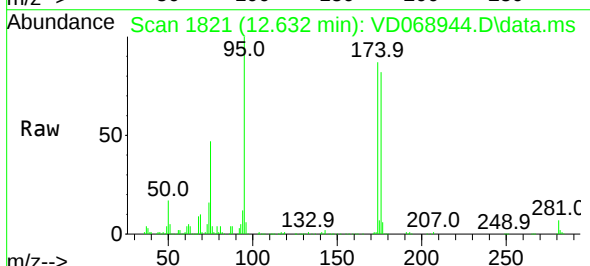
Instrument :
 MSVOA_D
 ClientSampled :



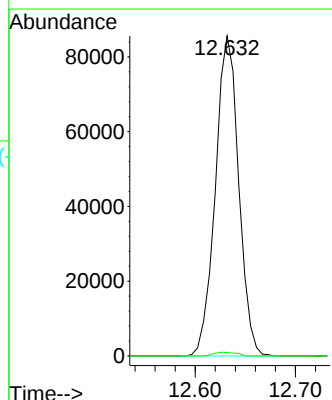
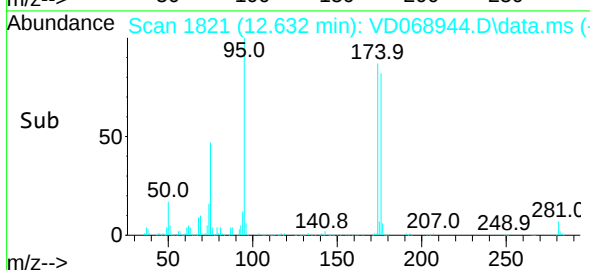
Tgt Ion:152 Resp: 328148
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.3 87.8
 150 159.1 0.0 347.6

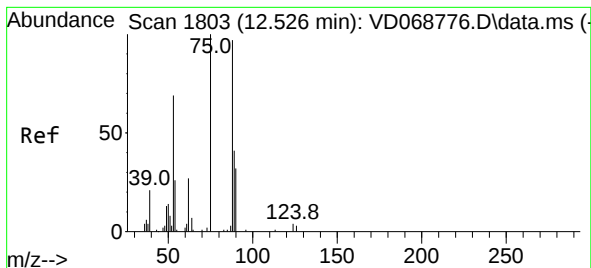


#76
 1,2,3-Trichloropropane
 Concen: 46.07 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068944.D
 Acq: 22 Apr 2021 10:55



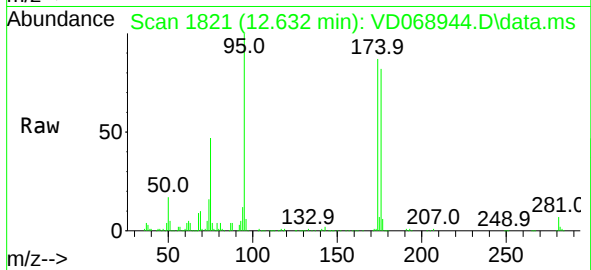
Tgt Ion: 75 Resp: 138104
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.91 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068944.D
 Acq: 22 Apr 2021 10:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 138104
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

