

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068913.D
 Acq On : 20 Apr 2021 10:10
 Operator : VA/SY
 Sample : VD0420SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 21 08:05:05 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	177345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	308883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	370331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	189040	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	78100	41.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.34%
35) Dibromofluoromethane	7.920	113	94275	46.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.84%
50) Toluene-d8	10.338	98	417108	55.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.06%
62) 4-Bromofluorobenzene	12.632	95	164548	65.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.74%

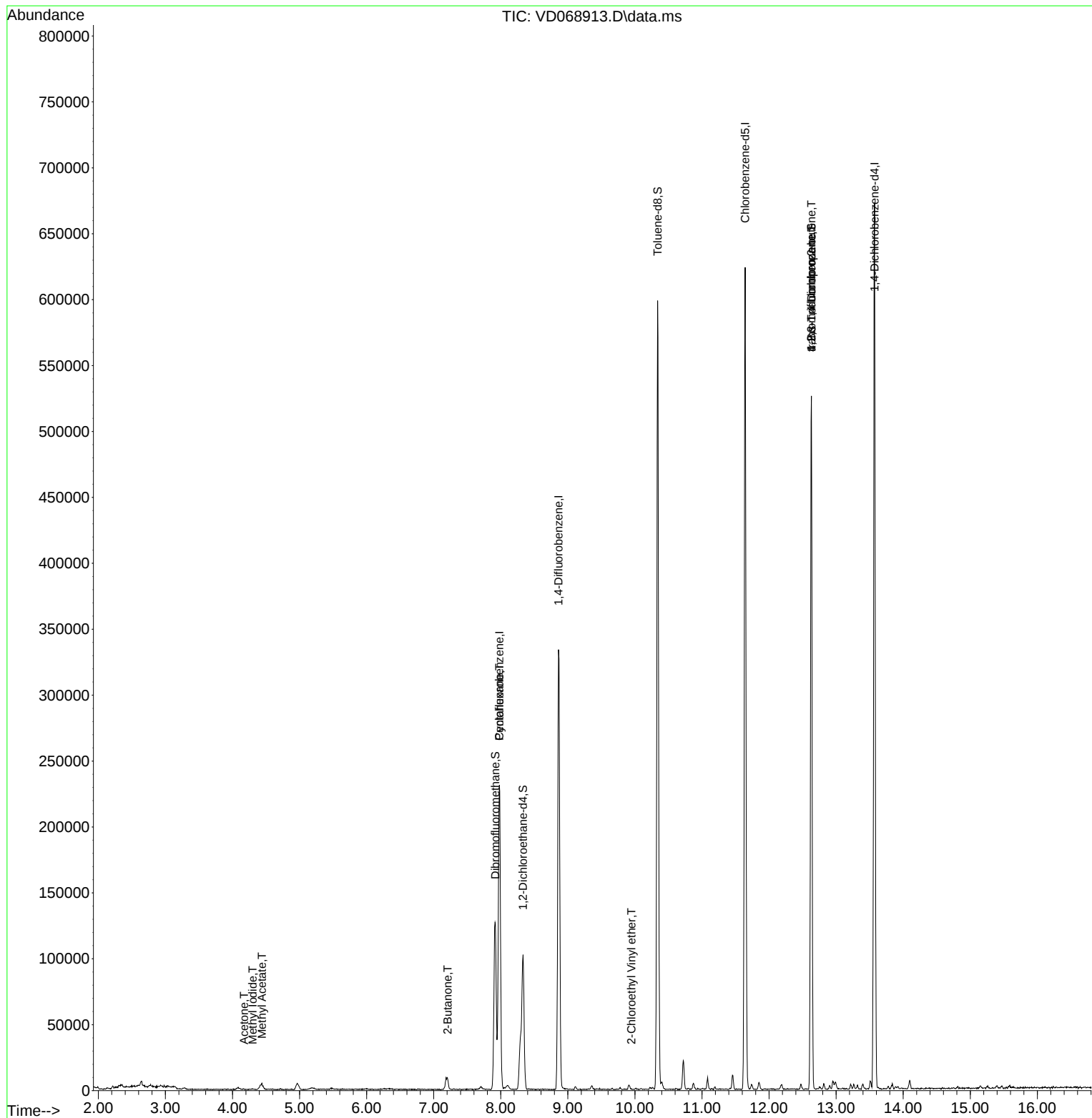
Target Compounds					Qvalue
10) Methyl Iodide	4.303	142	498	2.47 ug/l	# 41
11) Tert butyl alcohol	5.185	59	917	Below Cal	# 73
16) Acetone	4.173	43	687	2.65 ug/l	# 40
18) Methyl Acetate	4.438	43	1084	1.52 ug/l	# 43
20) Methylene Chloride	4.973	84	2435	Below Cal	# 85
25) 2-Butanone	7.208	43	555	1.51 ug/l	# 39
31) Cyclohexane	7.979	56	4771	1.53 ug/l	# 48
58) 2-Chloroethyl Vinyl ether	9.949	63	54	17.04 ug/l	# 44
76) 1,2,3-Trichloropropane	12.632	75	82162	47.57 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	82162	110.41 ug/l	# 16

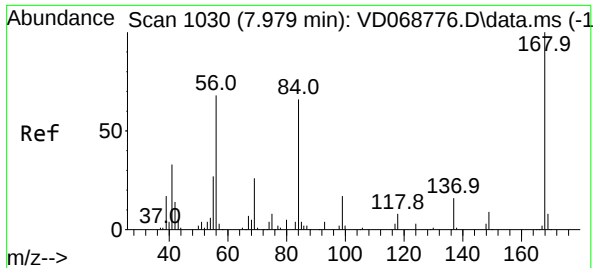
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 21 08:05:05 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

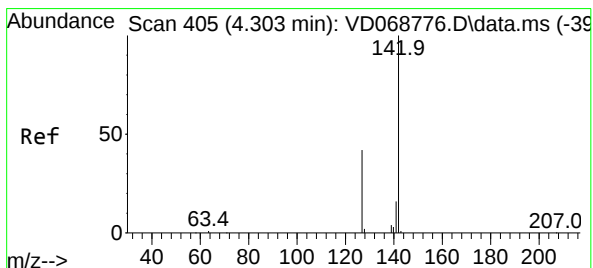
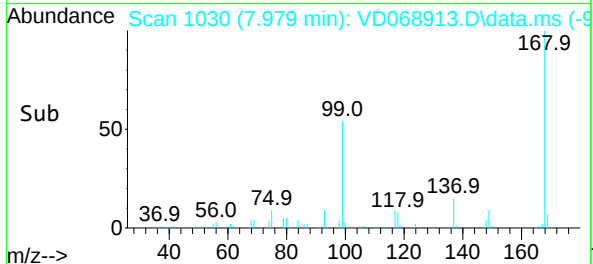
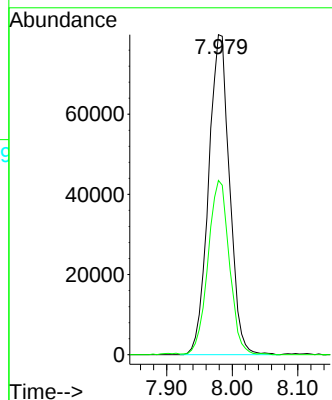
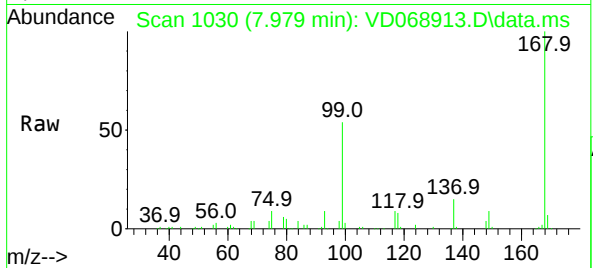




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

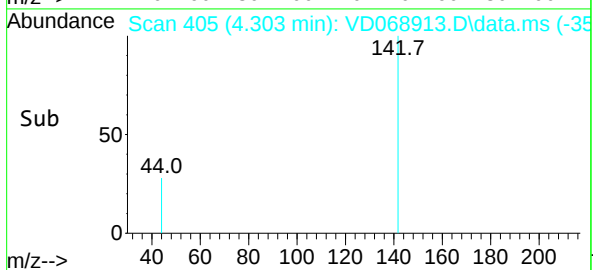
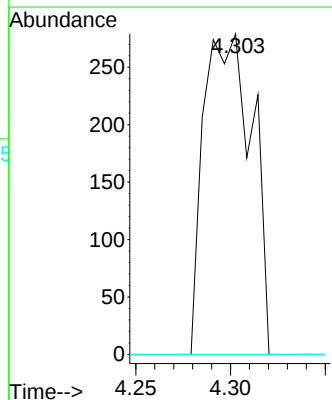
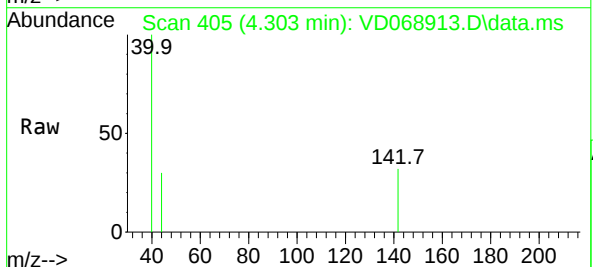
Instrument :
MSVOA_D
ClientSampleId :

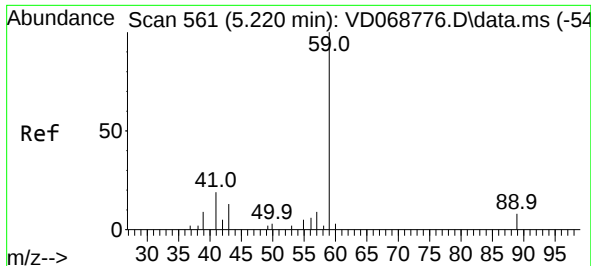
Tgt Ion:168 Resp: 177345
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.47 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion:142 Resp: 498
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

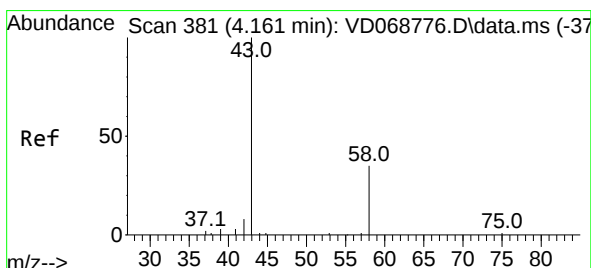
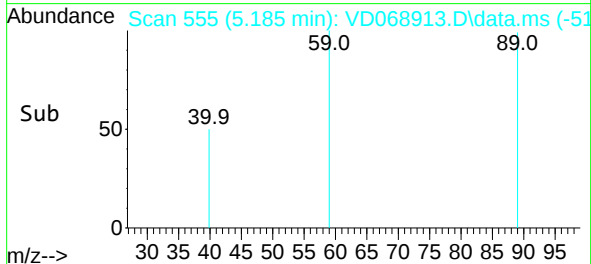
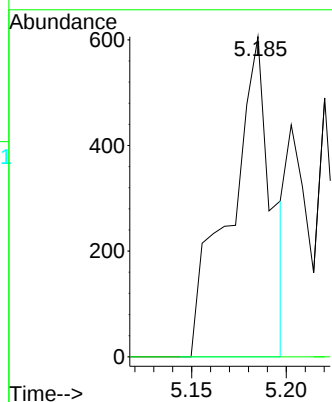
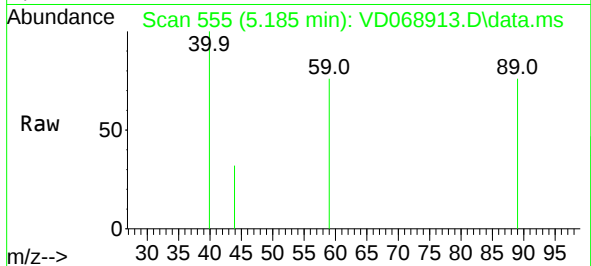




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

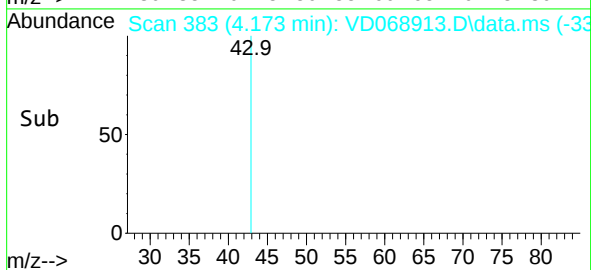
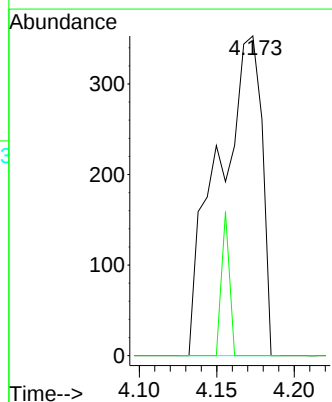
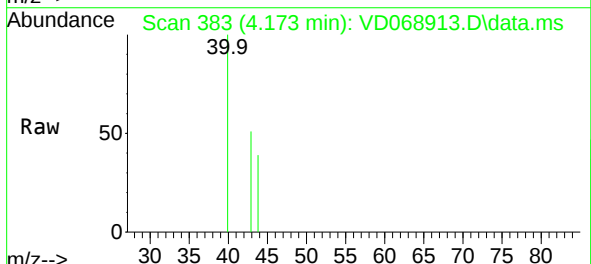
Instrument :
MSVOA_D
ClientSampled :

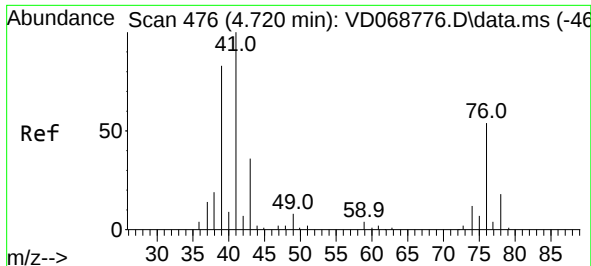
Tgt Ion: 59 Resp: 917
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.65 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#18

Methyl Acetate

Concen: 1.52 ug/l

RT: 4.438 min Scan# 428

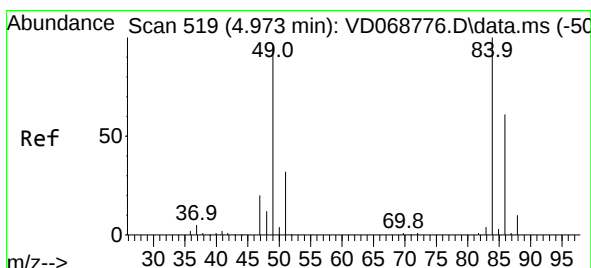
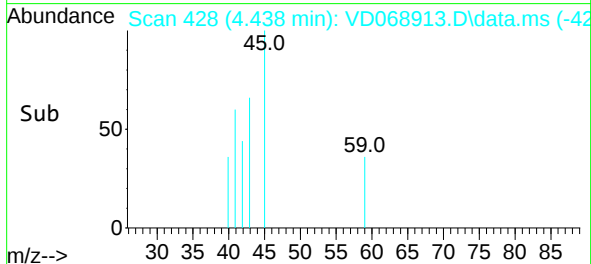
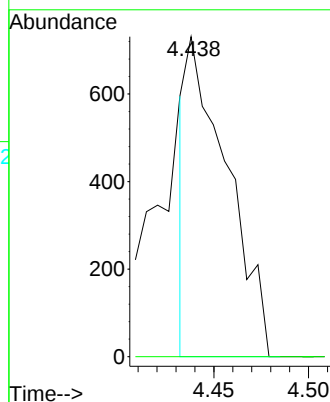
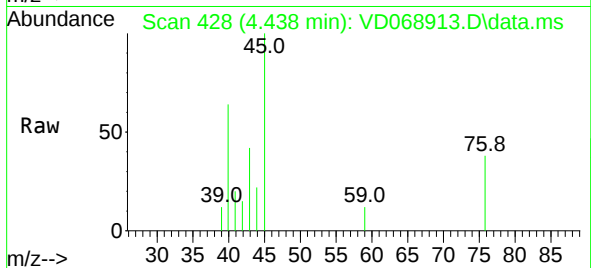
Delta R.T. -0.282 min

Lab File: VD068913.D

Acq: 20 Apr 2021 10:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#20

Methylene Chloride

Concen: Below Cal

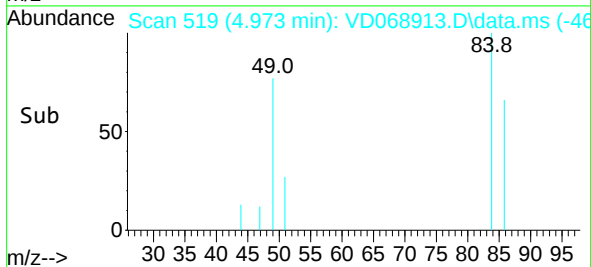
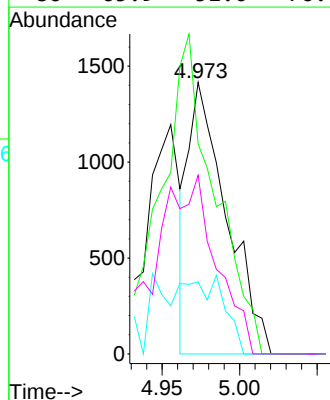
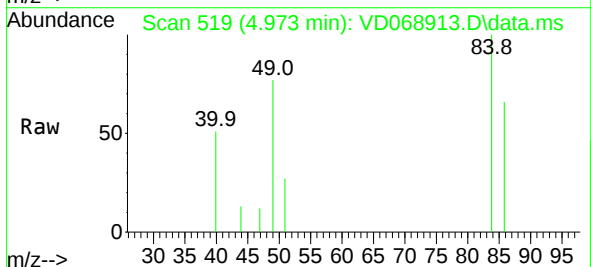
RT: 4.973 min Scan# 519

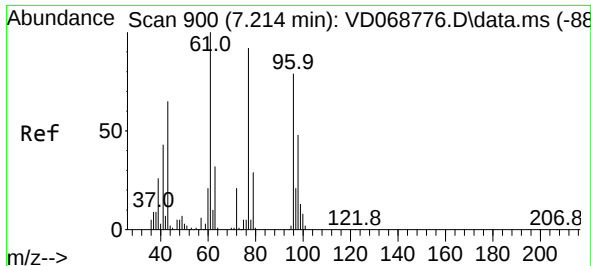
Delta R.T. 0.000 min

Lab File: VD068913.D

Acq: 20 Apr 2021 10:10

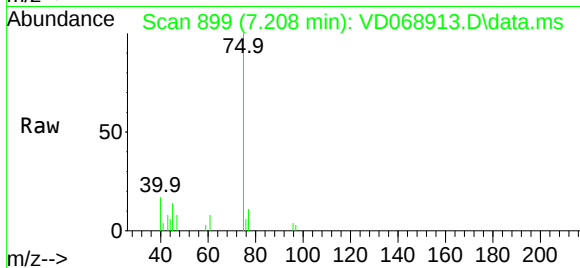
Tgt Ion: 84 Resp: 2435
Ion Ratio Lower Upper
84 100
49 77.4 83.4 125.0#
51 26.6 23.4 35.2
86 65.9 51.0 76.4



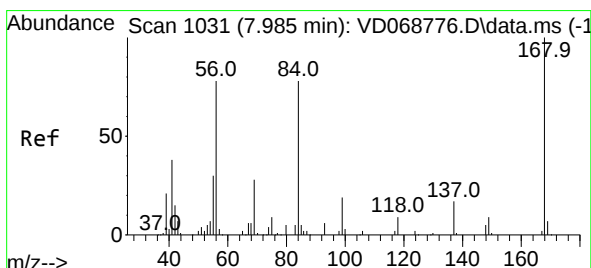
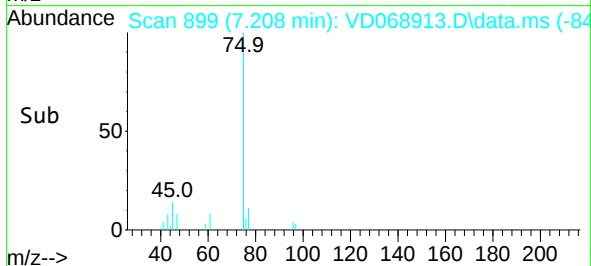
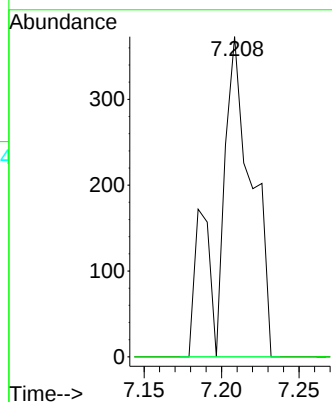


#25
2-Butanone
Concen: 1.51 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

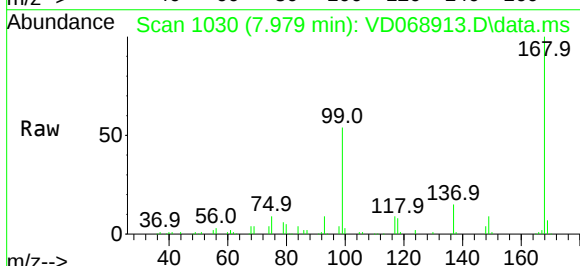
Instrument :
MSVOA_D
ClientSampled :



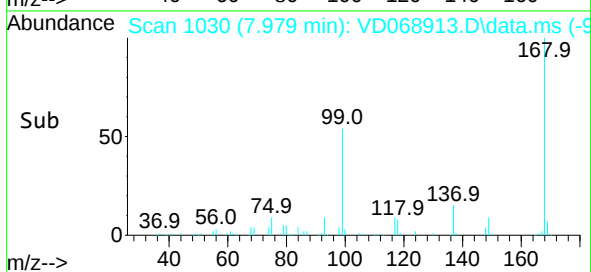
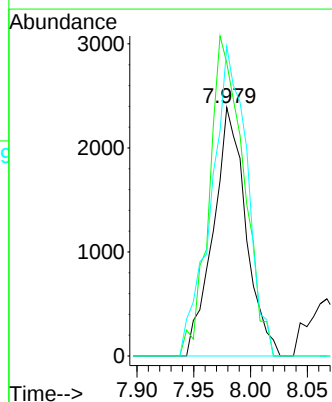
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#

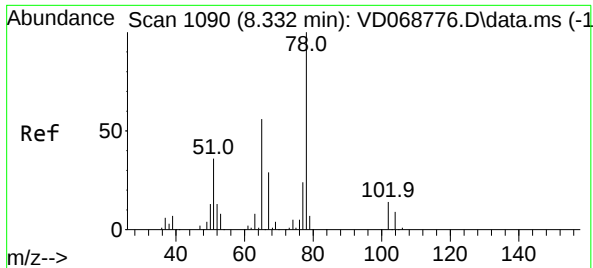


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10



Tgt Ion: 56 Resp: 4771
Ion Ratio Lower Upper
56 100
69 118.0 30.0 45.0#
84 124.6 82.0 123.0#

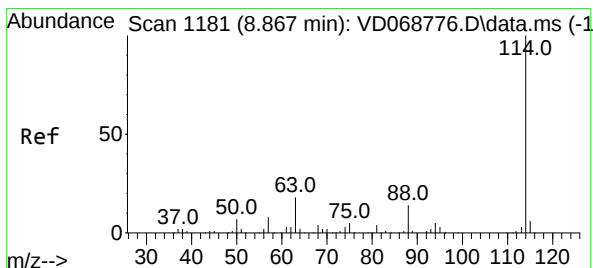
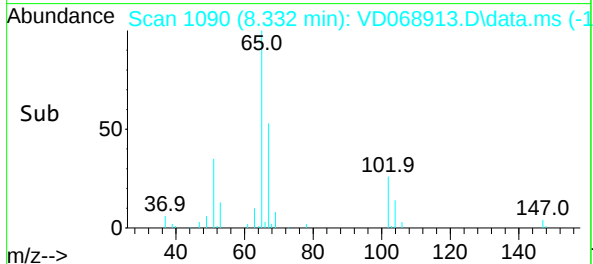
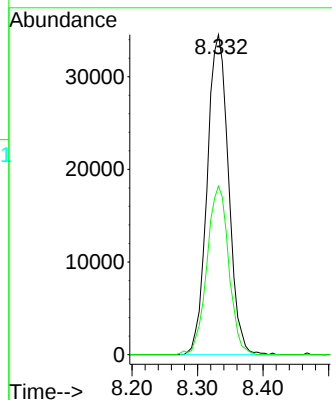
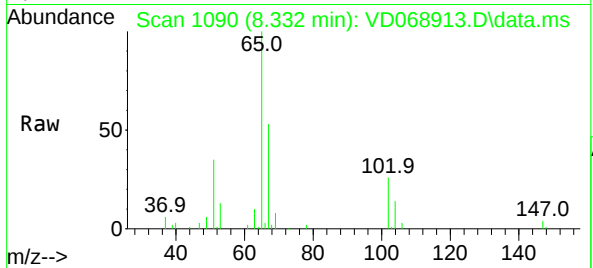




#33
1,2-Dichloroethane-d4
Concen: 41.67 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

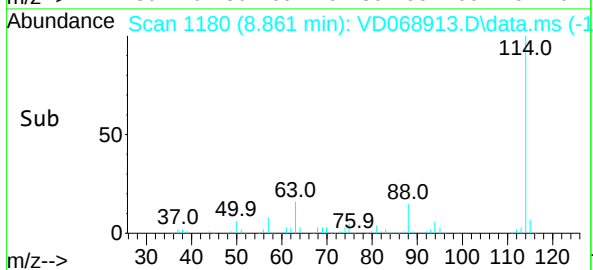
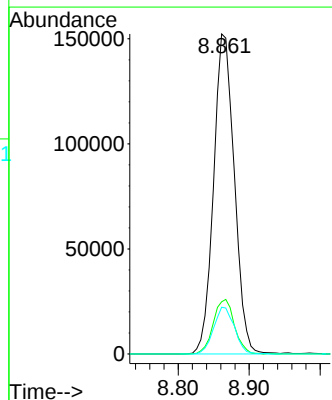
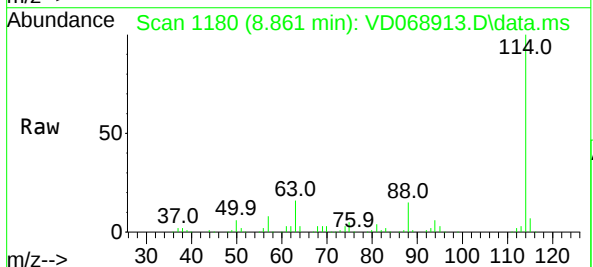
Instrument :
MSVOA_D
ClientSampleId :

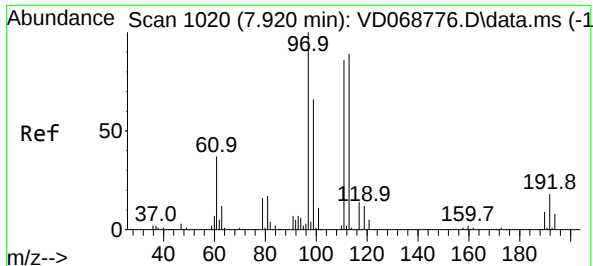
Tgt Ion: 65 Resp: 78100
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion: 114 Resp: 308883
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.92 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068913.D

Acq: 20 Apr 2021 10:10

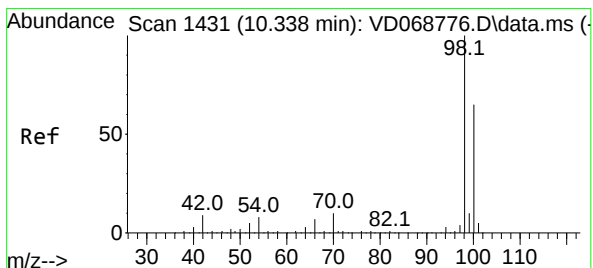
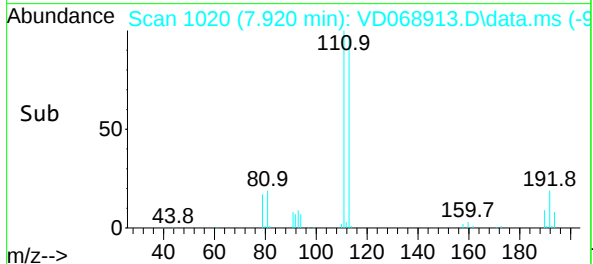
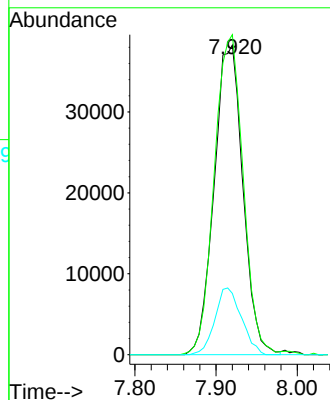
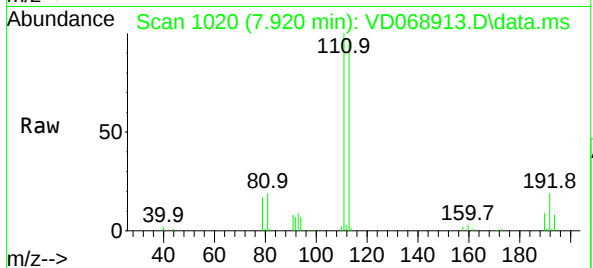
Tgt Ion:113 Resp: 94275

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 19.8 15.1 22.7



#50

Toluene-d8

Concen: 55.03 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068913.D

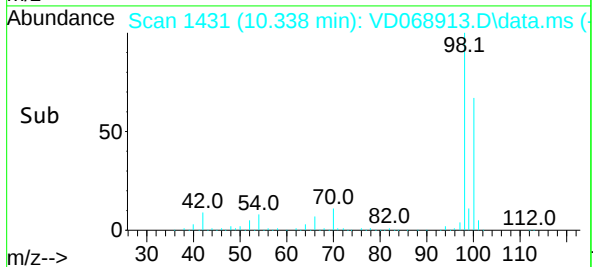
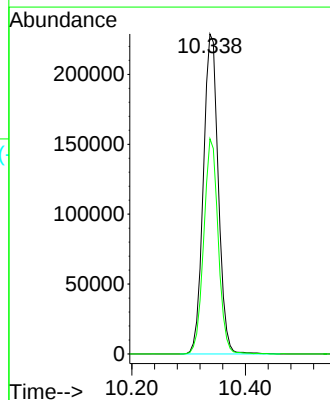
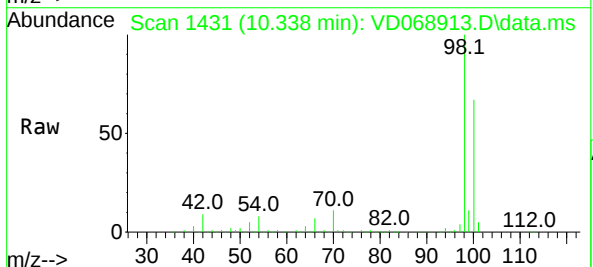
Acq: 20 Apr 2021 10:10

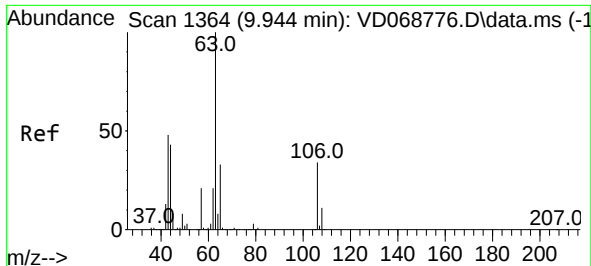
Tgt Ion: 98 Resp: 417108

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6

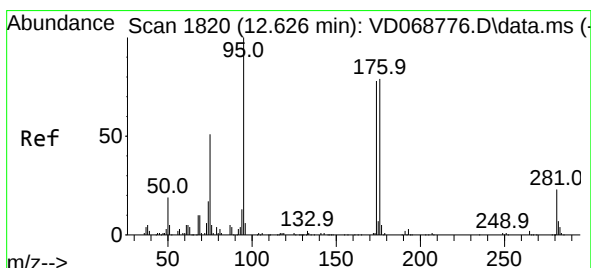
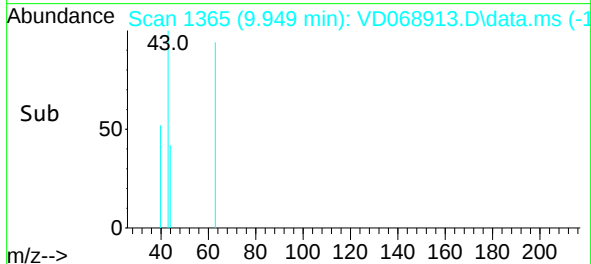
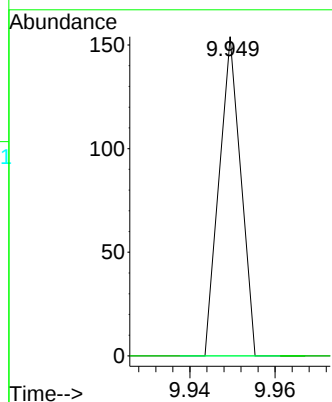
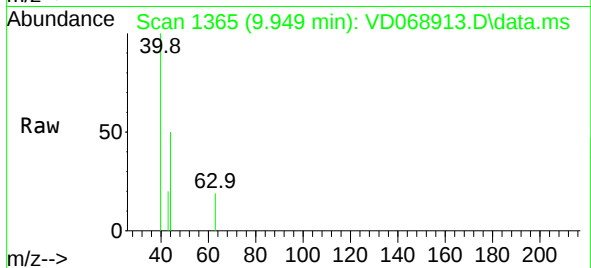




#58
2-Chloroethyl Vinyl ether
Concen: 17.04 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. 0.005 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

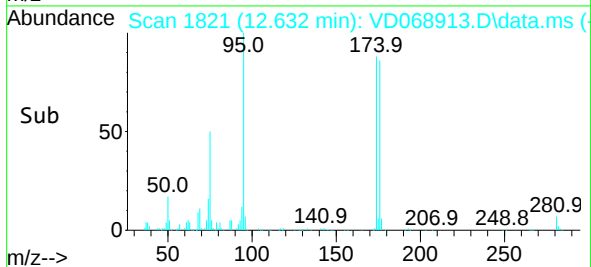
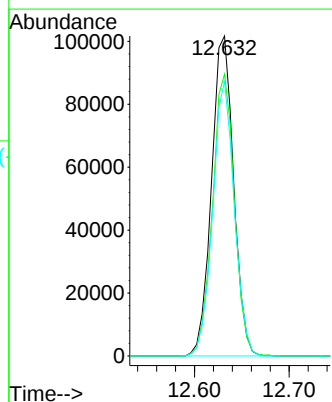
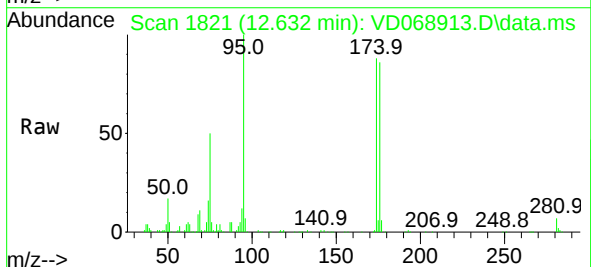
Instrument :
MSVOA_D
ClientSampleId :

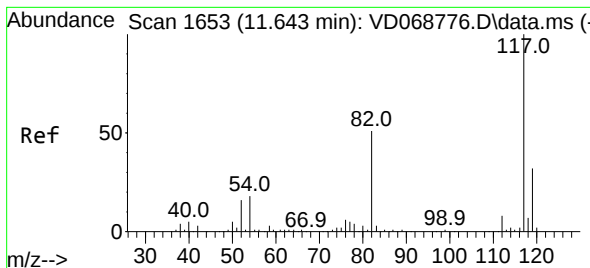
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 65.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion: 95 Resp: 164548
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.0
176 83.8 0.0 160.2

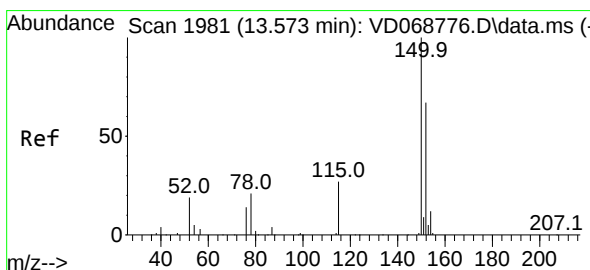
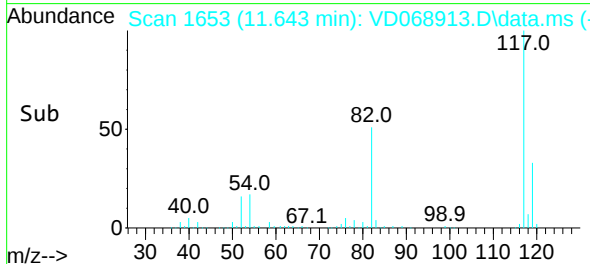
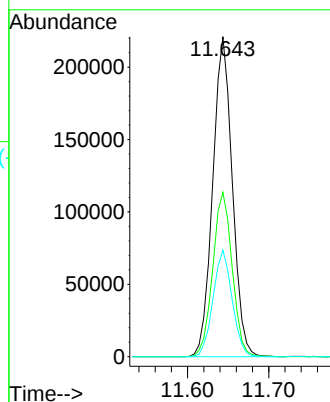
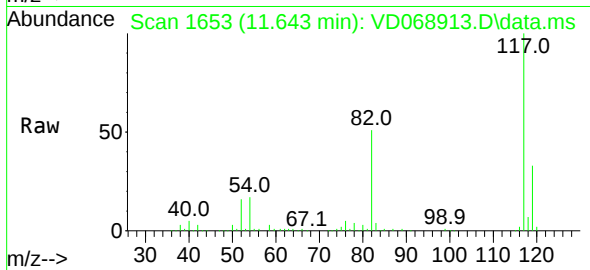




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

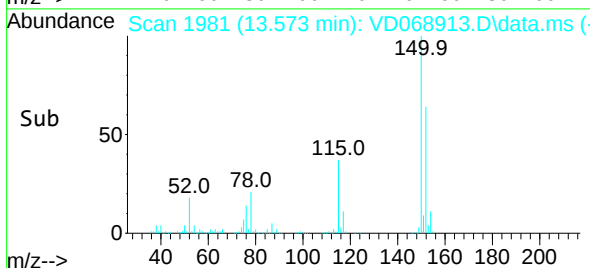
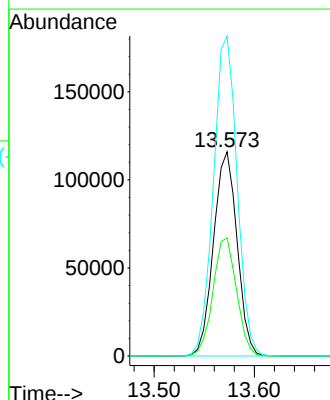
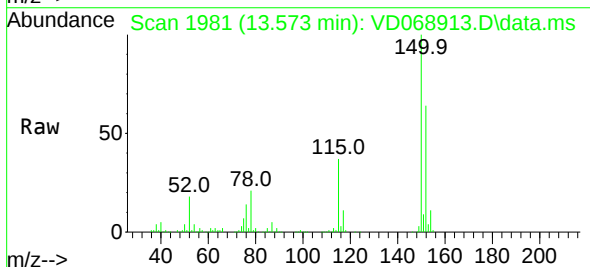
Instrument :
MSVOA_D
ClientSampleId :

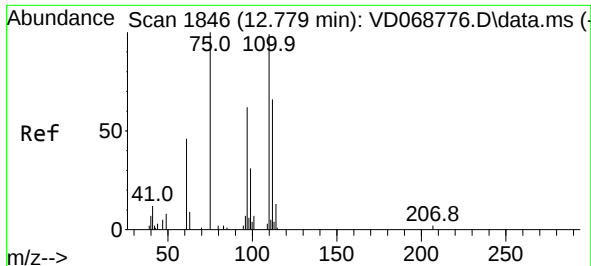
Tgt Ion:117 Resp: 370331
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 33.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion:152 Resp: 189040
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 157.4 0.0 347.6

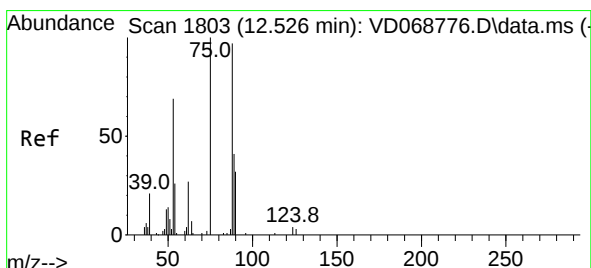
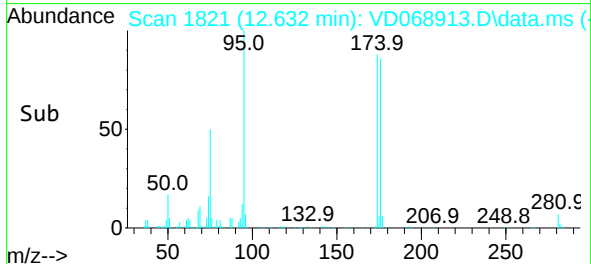
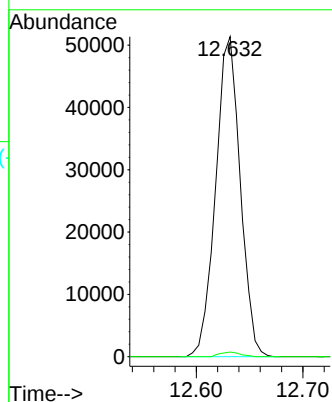
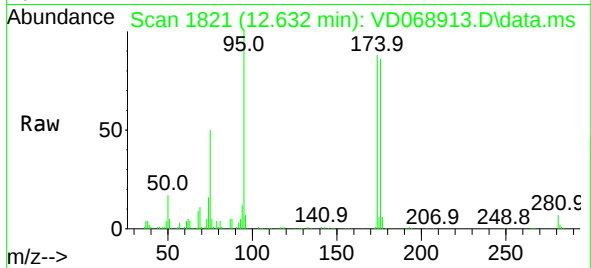




#76
1,2,3-Trichloropropane
Concen: 47.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 82162
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion: 75 Resp: 82162
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

