

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068934.D
 Acq On : 21 Apr 2021 18:39
 Operator : VA/SY
 Sample : M2106-15
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:23:35 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)

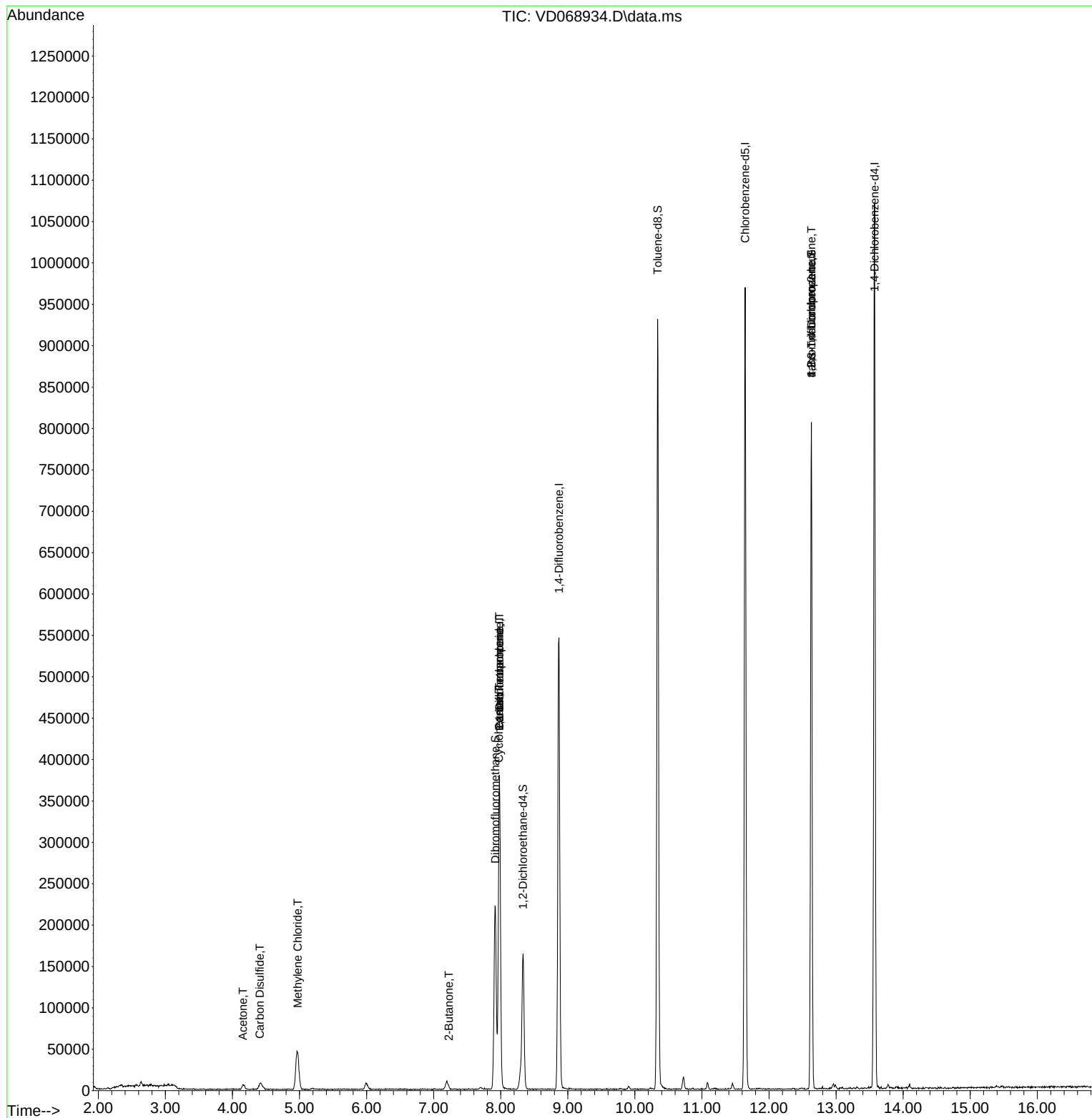
Internal Standards						
1) Pentafluorobenzene	7.979	168	290744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	500660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	585158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127407	41.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.92%		
35) Dibromofluoromethane	7.920	113	160866	49.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.80%		
50) Toluene-d8	10.338	98	649264	52.85	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.70%		
62) 4-Bromofluorobenzene	12.632	95	249197	61.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	122.16%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	1171	Below Cal	#	73
16) Acetone	4.156	43	10351	24.33	ug/l #	82
17) Carbon Disulfide	4.409	76	14487	1.54	ug/l #	90
20) Methylene Chloride	4.973	84	41914	8.13	ug/l	95
25) 2-Butanone	7.226	43	2060	3.42	ug/l #	39
31) Cyclohexane	7.973	56	5837	1.14	ug/l #	16
36) 1,1-Dichloropropene	7.979	75	20890	4.12	ug/l #	47
38) Carbon Tetrachloride	7.979	117	28555	5.69	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	122460	46.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	122460	107.31	ug/l #	16

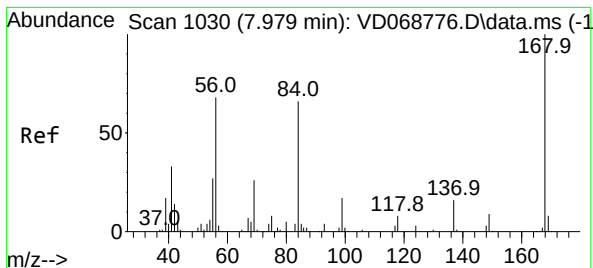
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 10:23:35 2021
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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

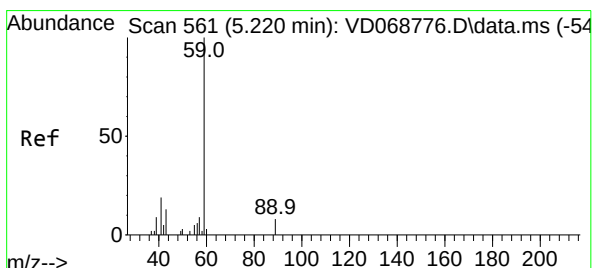
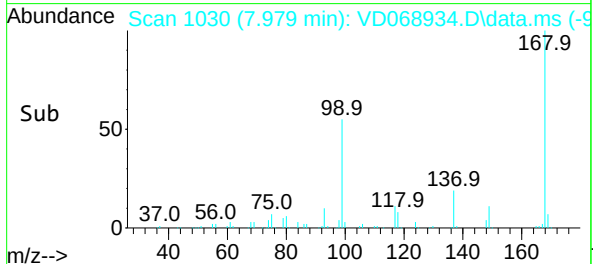
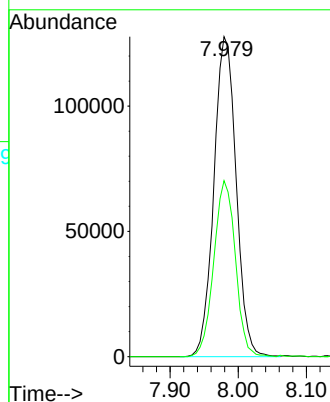
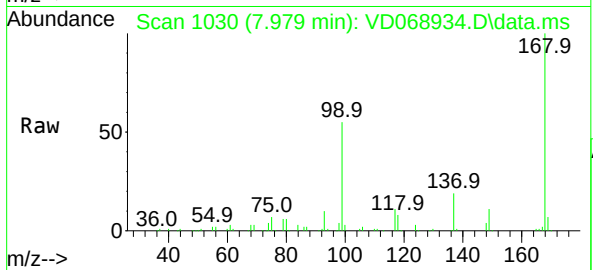




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

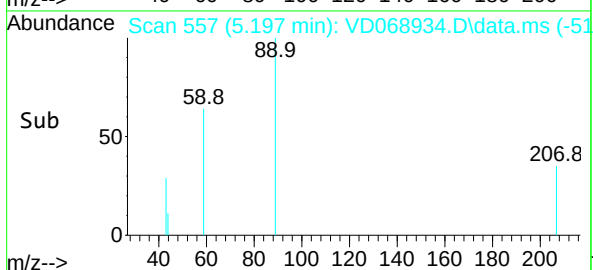
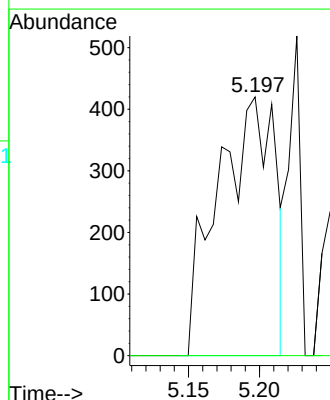
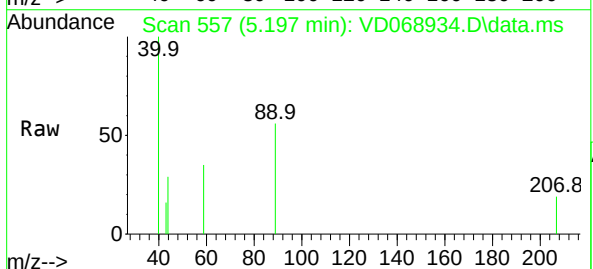
Instrument :
MSVOA_D
ClientSampled :

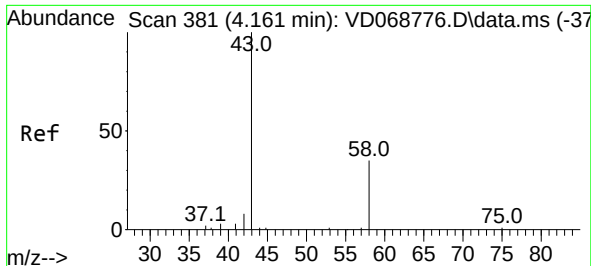
Tgt Ion:168 Resp: 290744
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Tgt Ion: 59 Resp: 1171
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

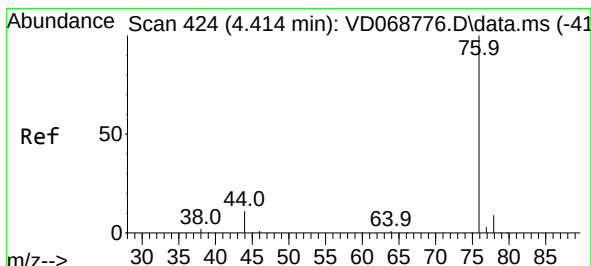
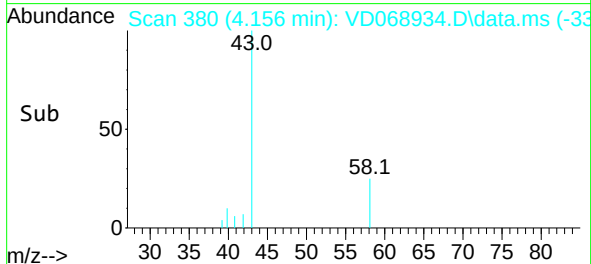
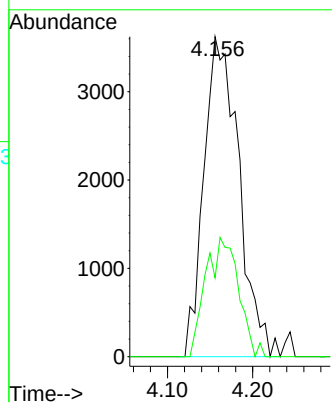
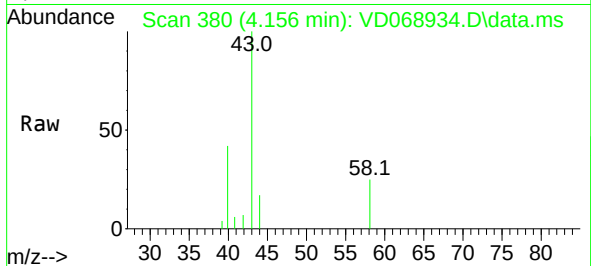




#16
Acetone
Concen: 24.33 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

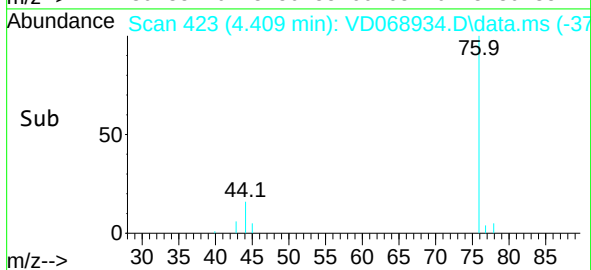
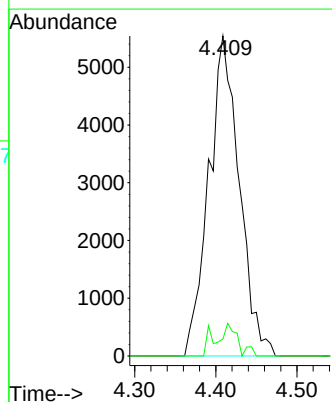
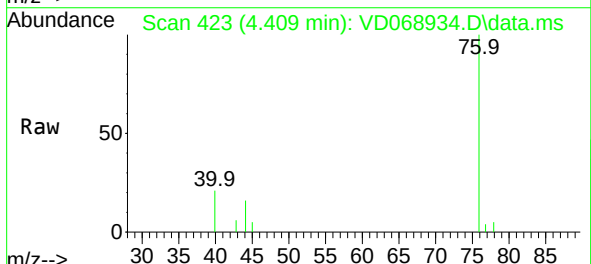
Instrument :
MSVOA_D
ClientSampled :

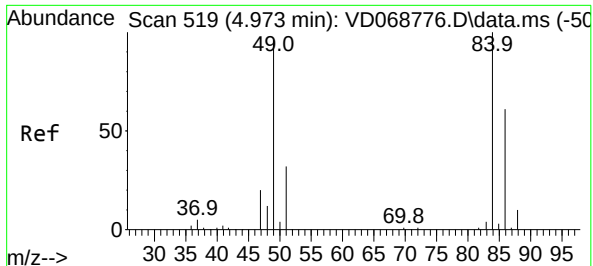
Tgt Ion: 43 Resp: 10351
Ion Ratio Lower Upper
43 100
58 24.7 28.0 42.0#



#17
Carbon Disulfide
Concen: 1.54 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

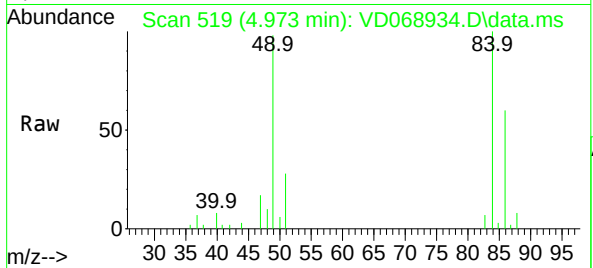
Tgt Ion: 76 Resp: 14487
Ion Ratio Lower Upper
76 100
78 5.3 7.3 10.9#



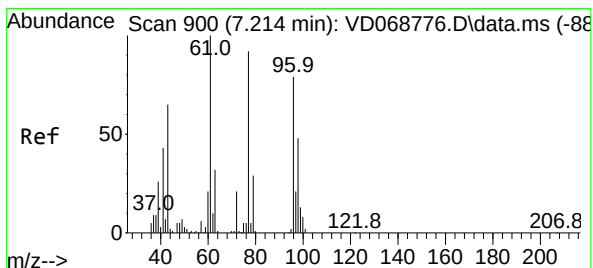
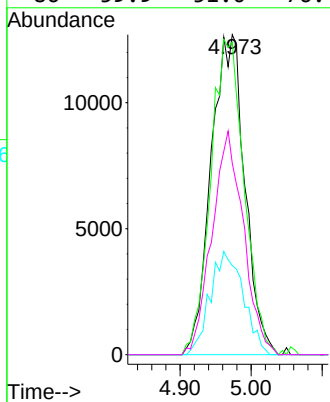
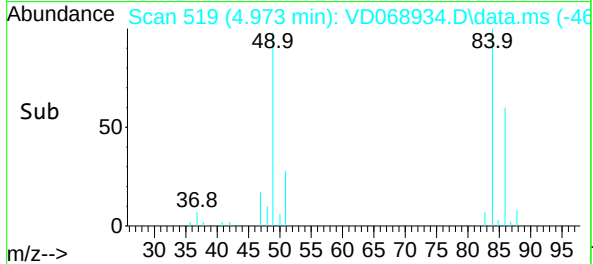


#20
Methylene Chloride
Concen: 8.13 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

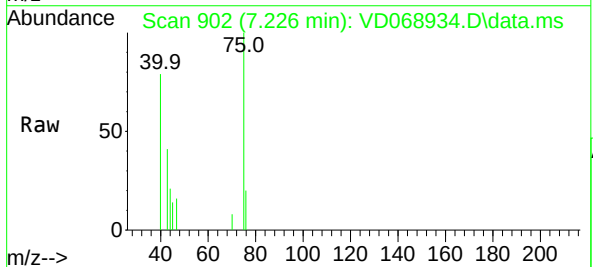
Instrument :
MSVOA_D
ClientSampleId :



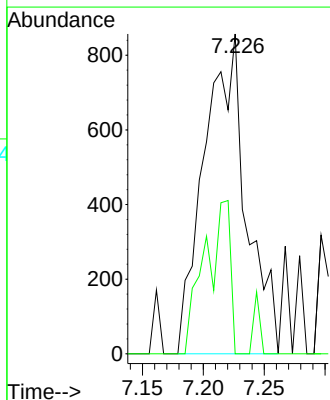
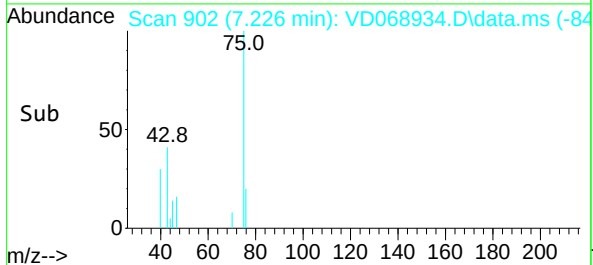
Tgt Ion	Ratio	Lower	Upper
84	100		
49	97.7	83.4	125.0
51	27.9	23.4	35.2
86	59.9	51.0	76.4

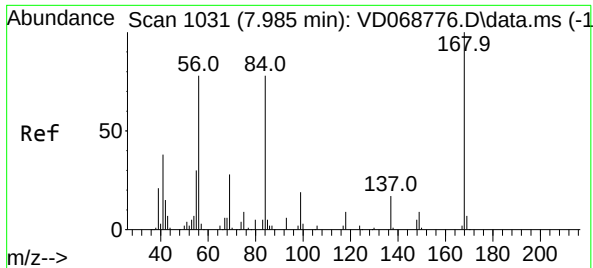


#25
2-Butanone
Concen: 3.42 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39



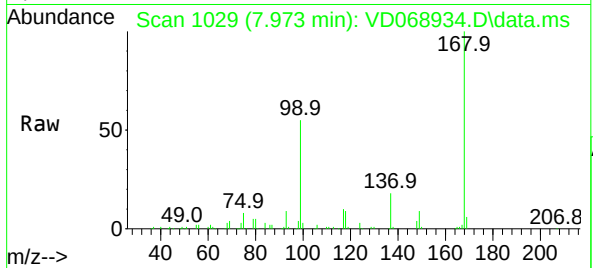
Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.6	43.0#



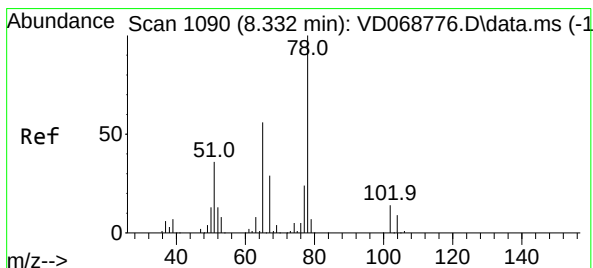
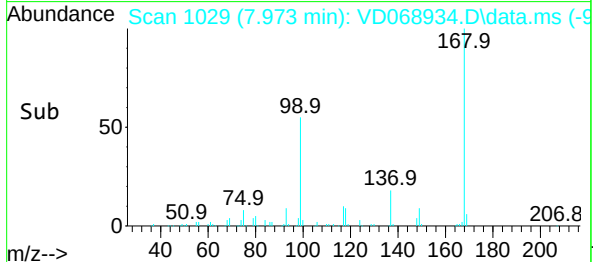
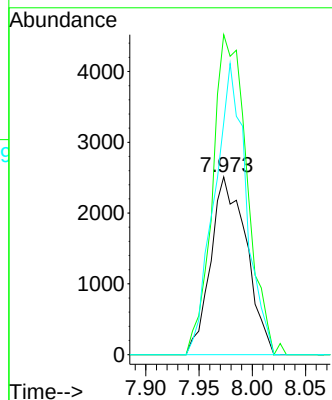


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Instrument :
MSVOA_D
ClientSampled :

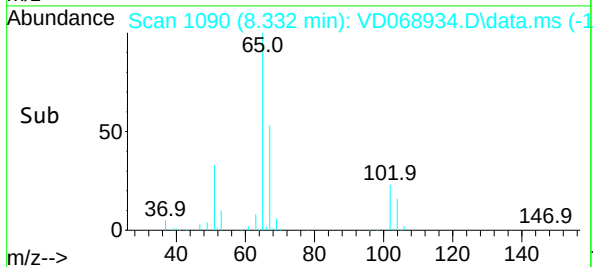
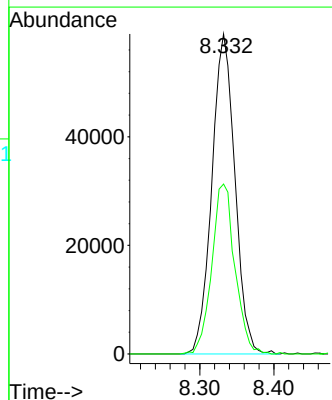
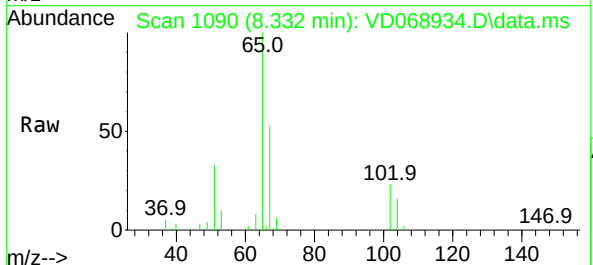


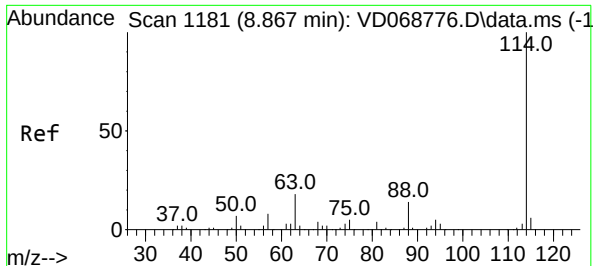
Tgt Ion: 56 Resp: 5837
Ion Ratio Lower Upper
56 100
69 180.1 30.0 45.0#
84 130.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 41.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Tgt Ion: 65 Resp: 127407
Ion Ratio Lower Upper
65 100
67 53.2 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: VD068934.D

Acq: 21 Apr 2021 18:39

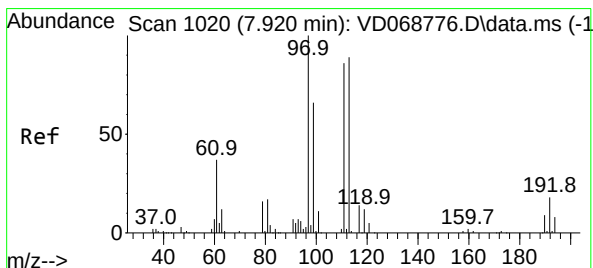
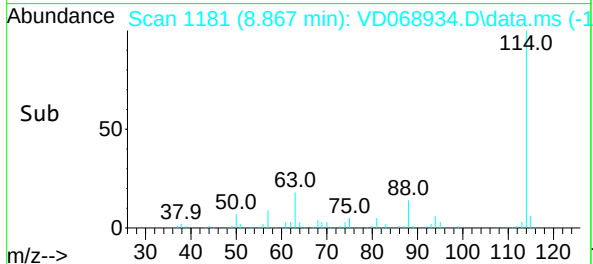
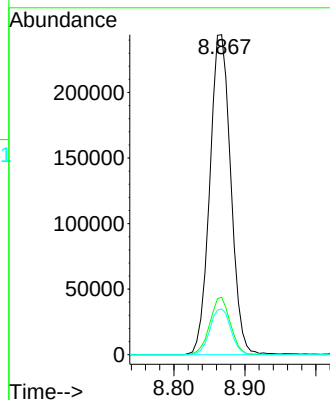
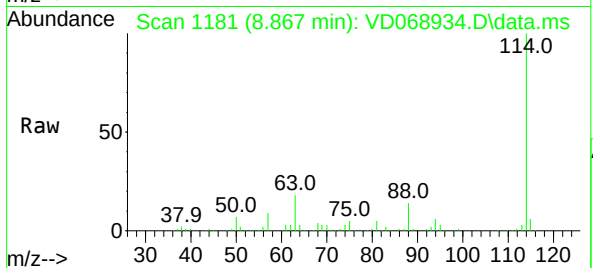
Tgt Ion:114 Resp: 500660

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.2

88 14.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.40 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068934.D

Acq: 21 Apr 2021 18:39

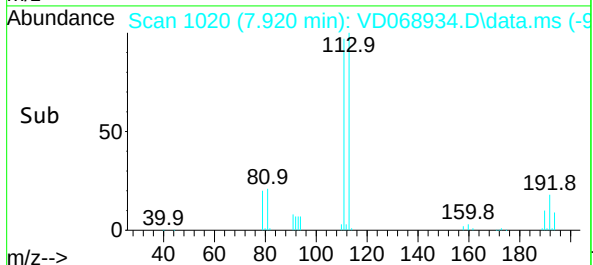
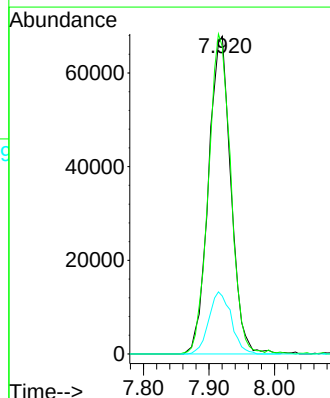
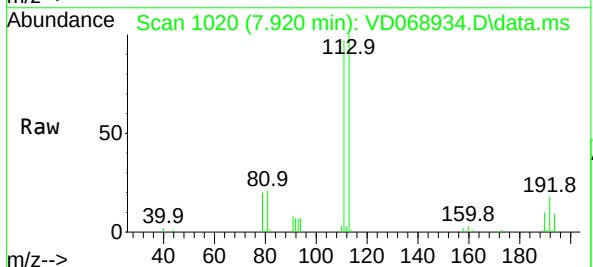
Tgt Ion:113 Resp: 160866

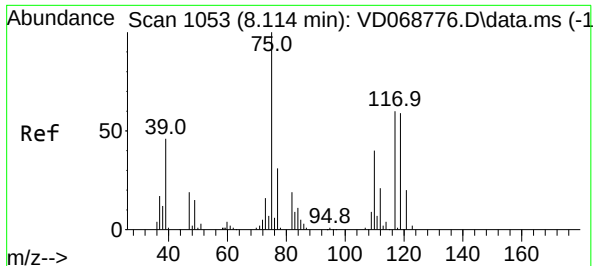
Ion Ratio Lower Upper

113 100

111 100.0 82.5 123.7

192 19.5 15.1 22.7



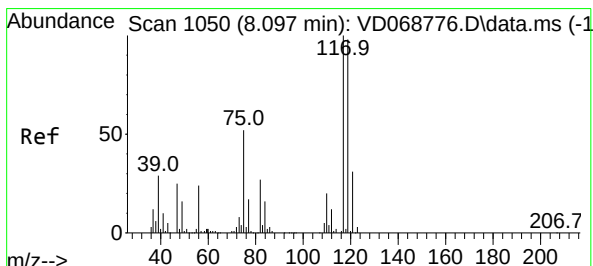
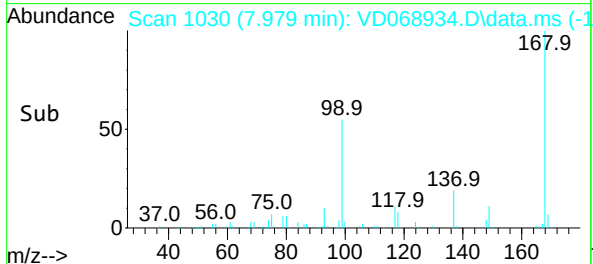
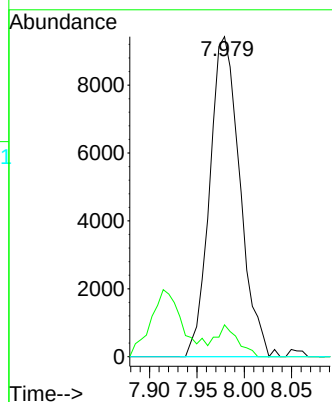
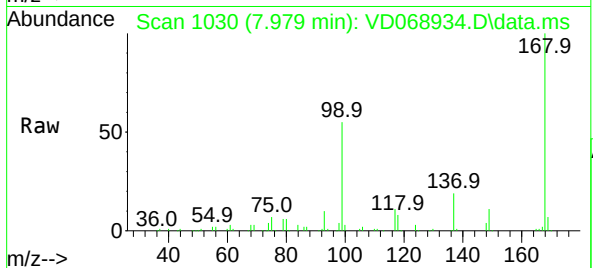


#36

1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Instrument :
MSVOA_D
ClientSampleId :

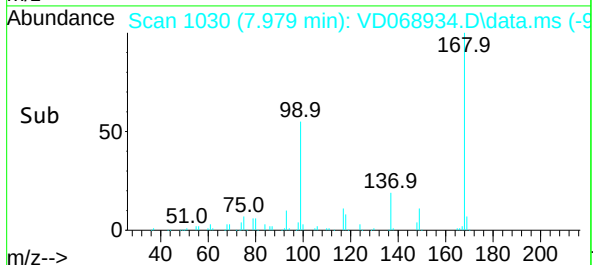
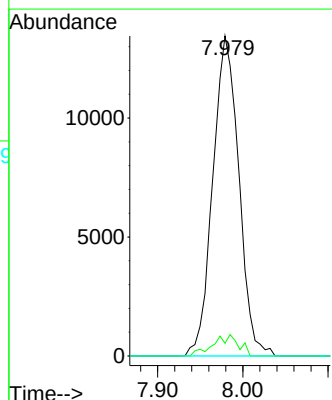
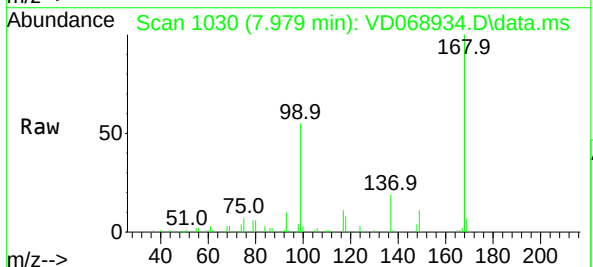
Tgt Ion: 75 Resp: 20890
Ion Ratio Lower Upper
75 100
110 7.1 18.1 54.4#
77 0.0 24.7 37.1#

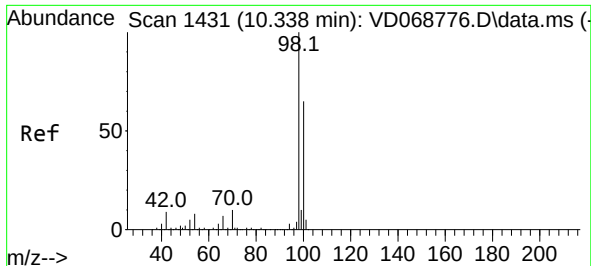


#38

Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Tgt Ion: 117 Resp: 28555
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 26.1 39.1#

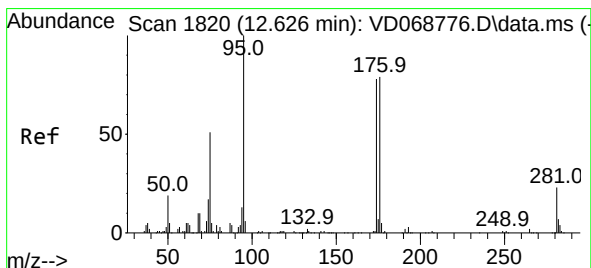
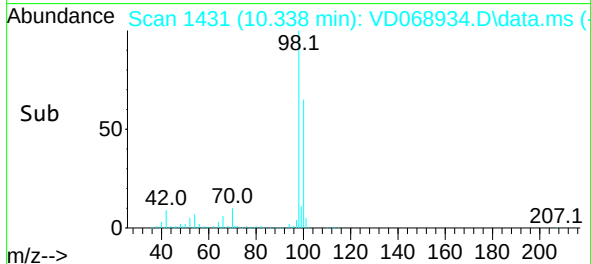
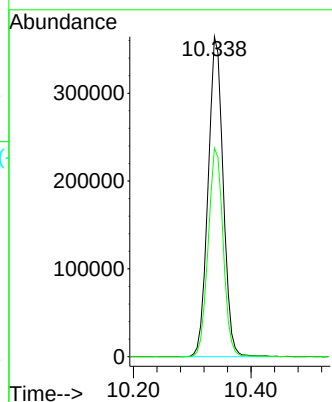
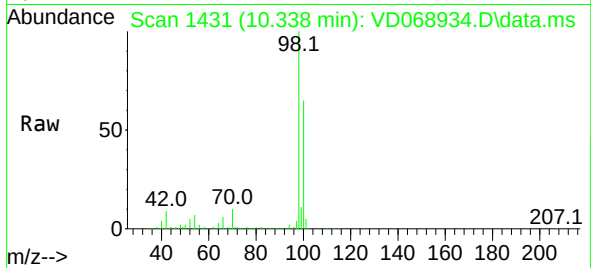




#50
Toluene-d8
Concen: 52.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

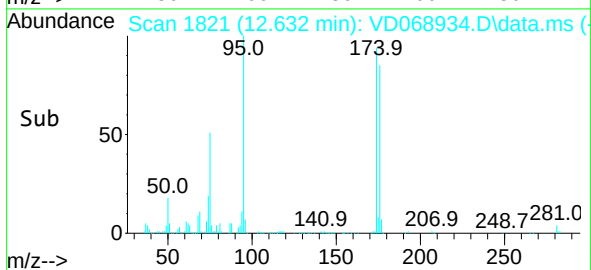
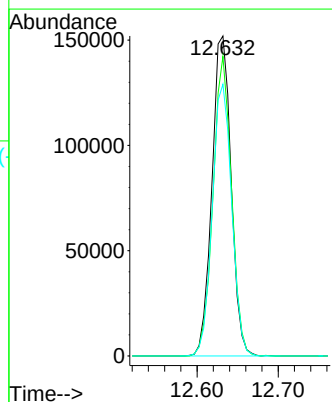
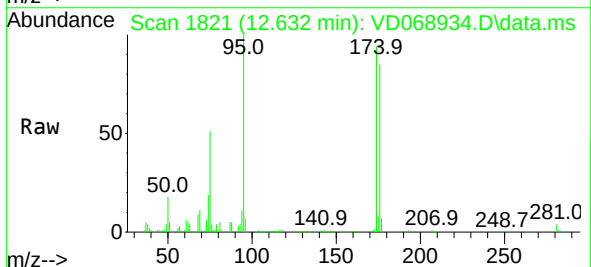
Instrument :
MSVOA_D
ClientSampleId :

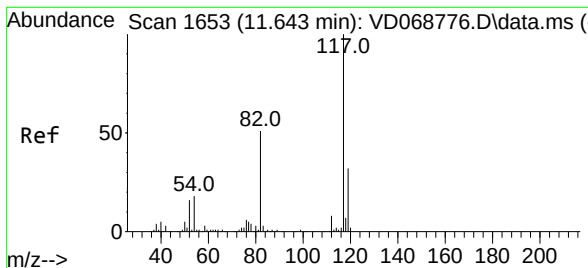
Tgt Ion: 98 Resp: 649264
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Tgt Ion: 95 Resp: 249197
Ion Ratio Lower Upper
95 100
174 90.1 0.0 168.0
176 85.9 0.0 160.2

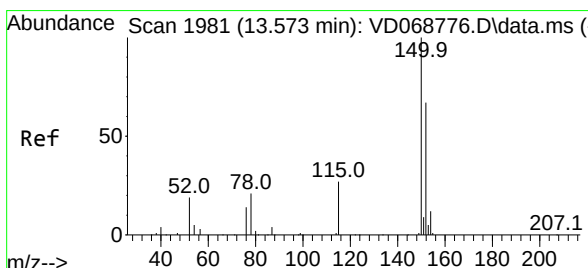
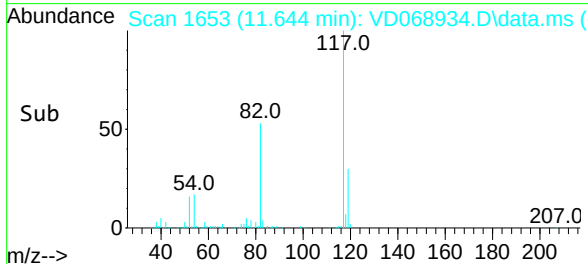
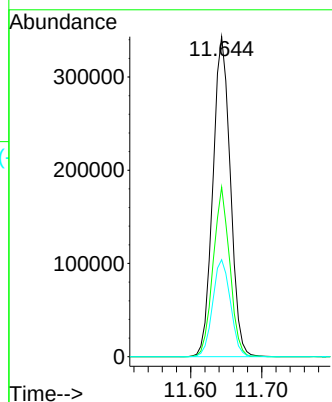
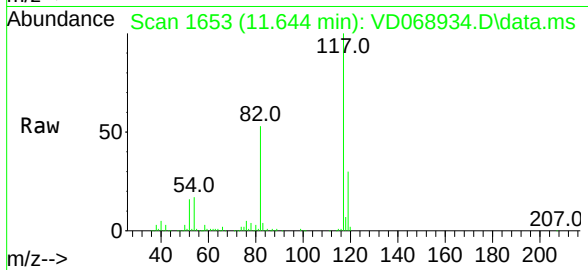




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

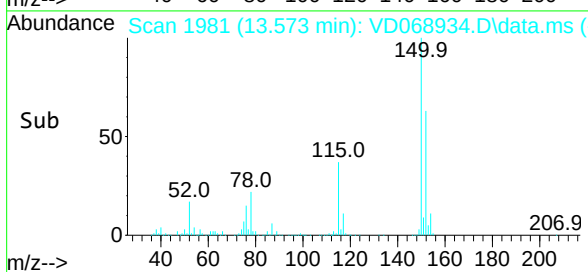
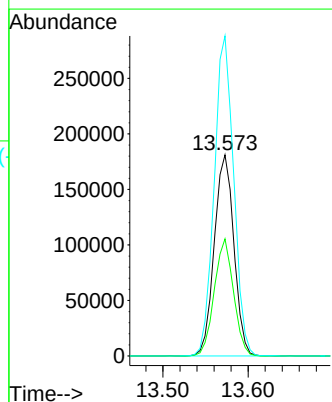
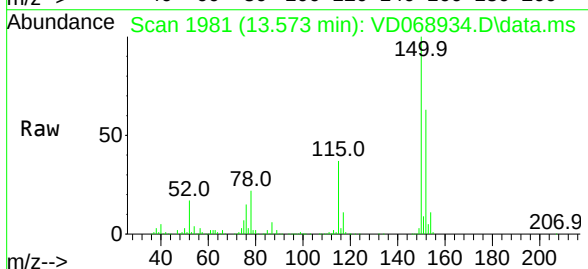
Instrument :
MSVOA_D
ClientSampleId :

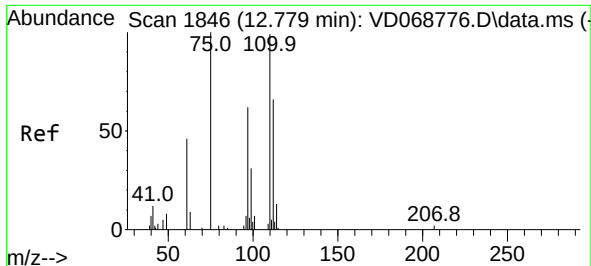
Tgt Ion:117 Resp: 585158
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 30.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Tgt Ion:152 Resp: 289901
Ion Ratio Lower Upper
152 100
115 57.1 29.3 87.8
150 158.2 0.0 347.6

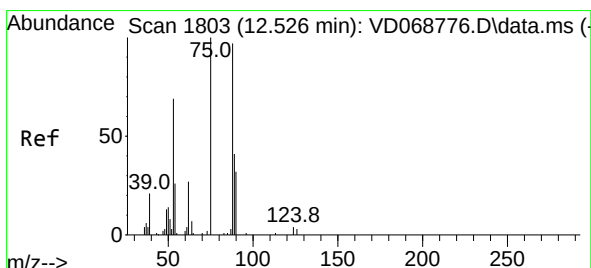
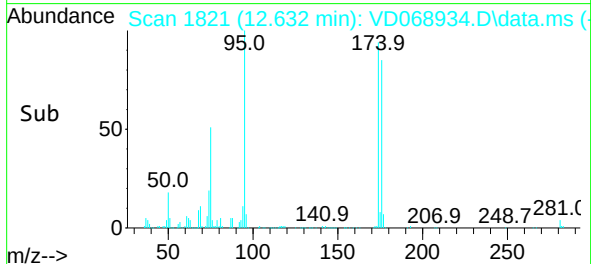
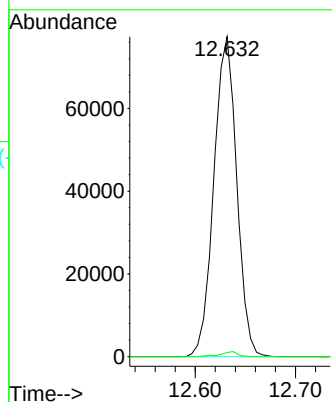
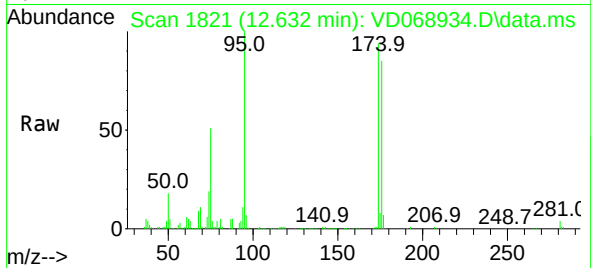




#76
1,2,3-Trichloropropane
Concen: 46.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 122460
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068934.D
Acq: 21 Apr 2021 18:39

Tgt Ion: 75 Resp: 122460
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

