

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068951.D
 Acq On : 22 Apr 2021 14:27
 Operator : VA/SY
 Sample : M2107-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:45:41 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)

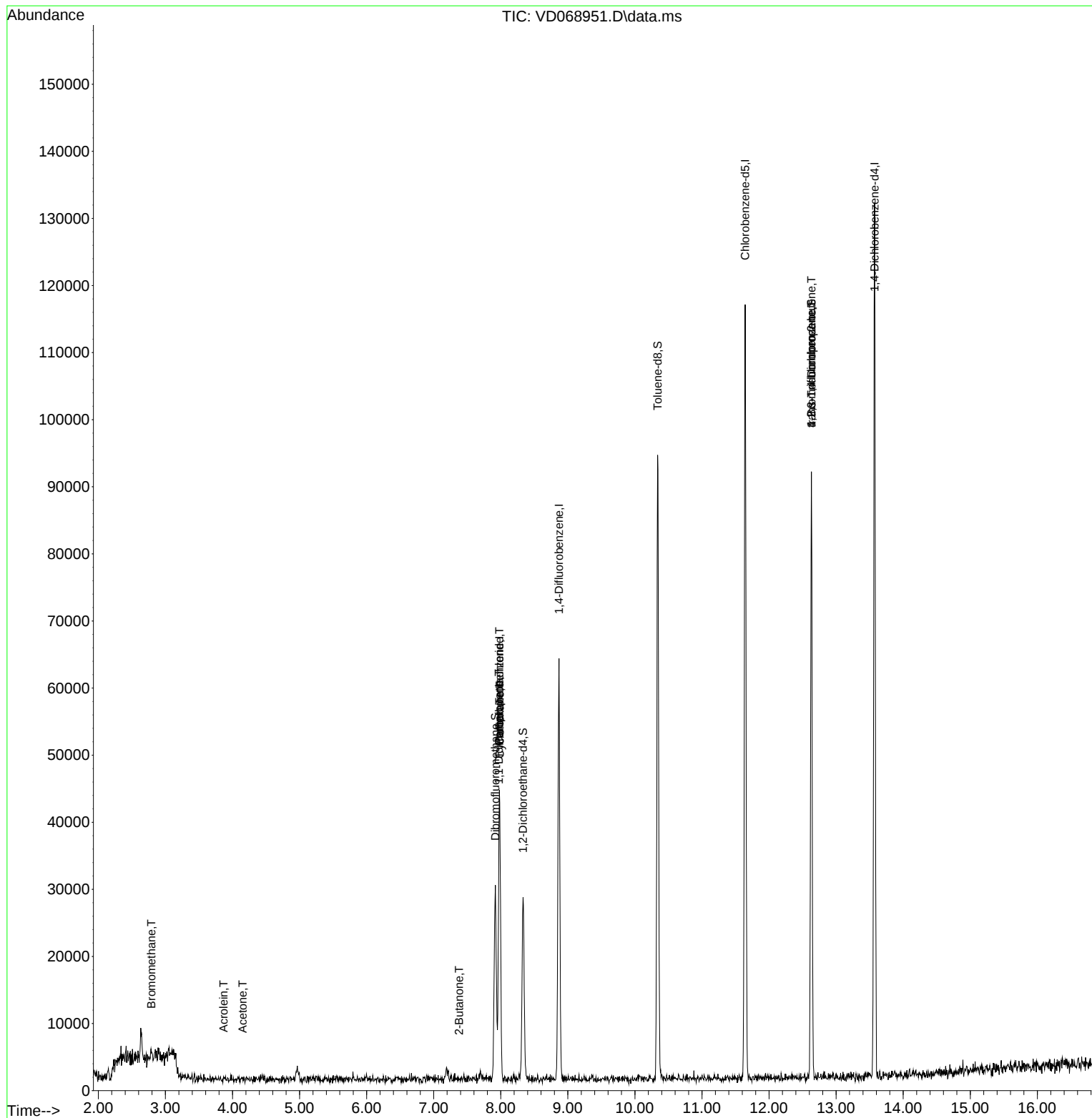
Internal Standards						
1) Pentafluorobenzene	7.979	168	33248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	53530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	69943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	35707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	21877	62.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.52%
35) Dibromofluoromethane	7.920	113	20586	59.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.24%
50) Toluene-d8	10.338	98	66637	50.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.46%
62) 4-Bromofluorobenzene	12.632	95	28134	64.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.98%
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	510	1.40	ug/l #	2
11) Tert butyl alcohol	5.179	59	61	Below Cal	#	73
13) Acrolein	3.867	56	56	4.05	ug/l #	16
16) Acetone	4.150	43	86	1.77	ug/l #	40
20) Methylene Chloride	4.961	84	821	Below Cal	#	70
25) 2-Butanone	7.379	43	76	1.10	ug/l #	39
31) Cyclohexane	7.985	56	710	1.21	ug/l #	54
36) 1,1-Dichloropropene	7.973	75	2814	5.19	ug/l #	41
38) Carbon Tetrachloride	7.979	117	3270	6.10	ug/l #	12
76) 1,2,3-Trichloropropane	12.632	75	14325	43.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	14325	101.91	ug/l #	16

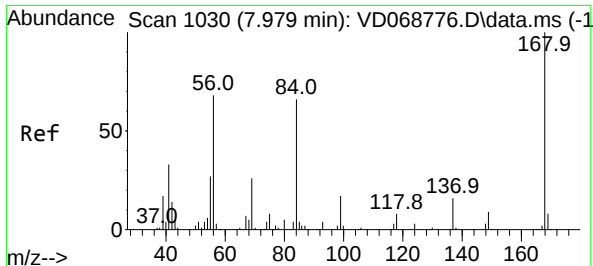
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
Data File : VD068951.D
Acq On : 22 Apr 2021 14:27
Operator : VA/SY
Sample : M2107-03
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 23 08:45:41 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

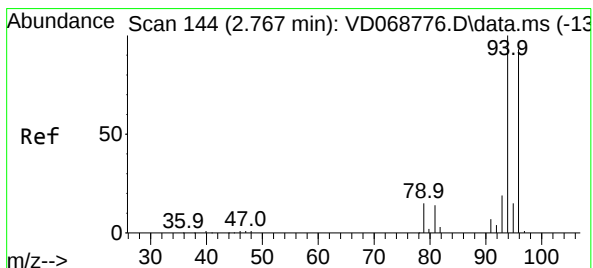
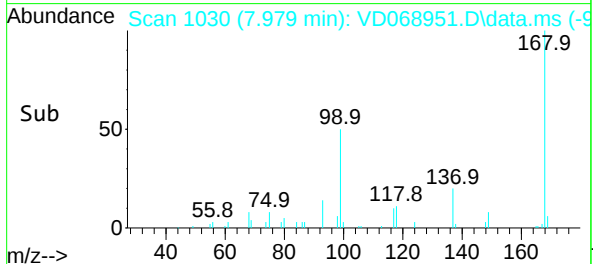
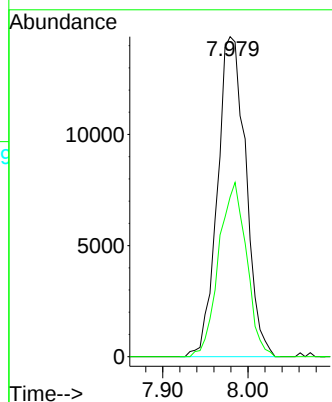
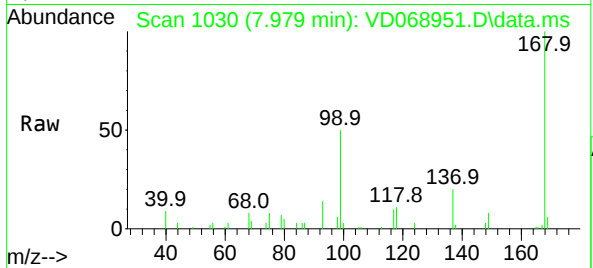




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

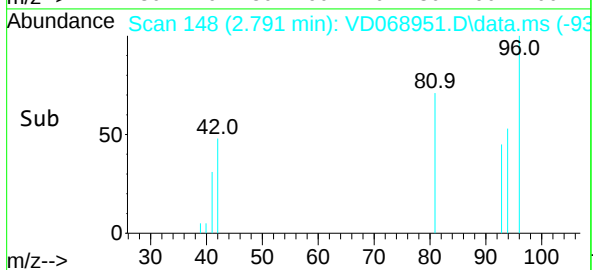
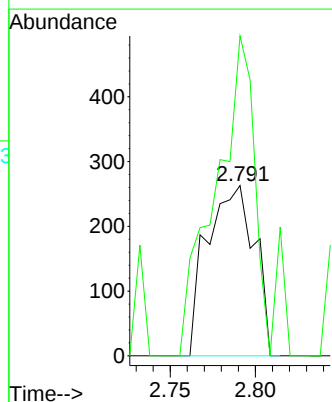
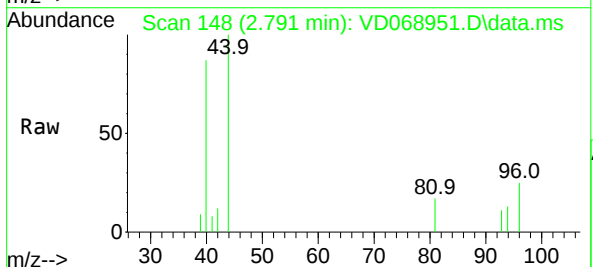
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 33248
Ion Ratio Lower Upper
168 100
99 49.9 46.2 69.2



#5
Bromomethane
Concen: 1.40 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.024 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 187.8 74.7 112.1#

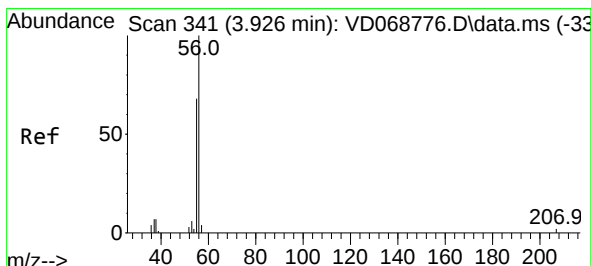
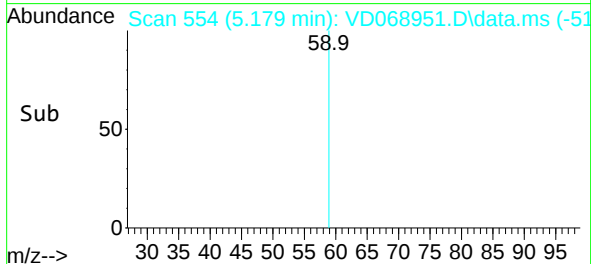
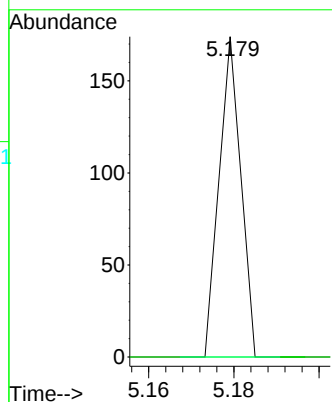
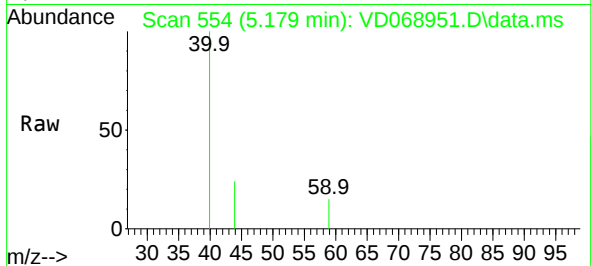




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

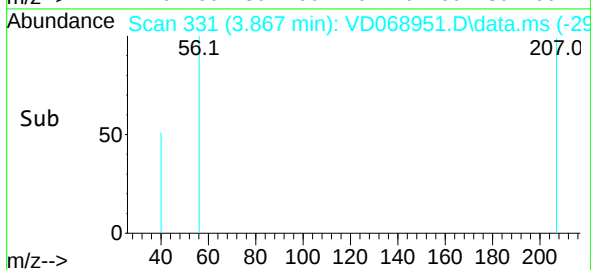
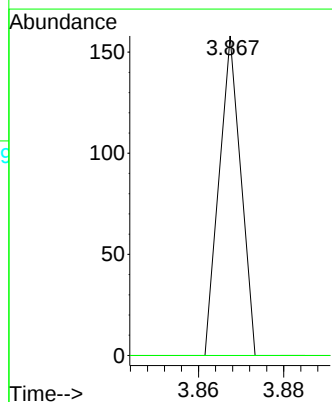
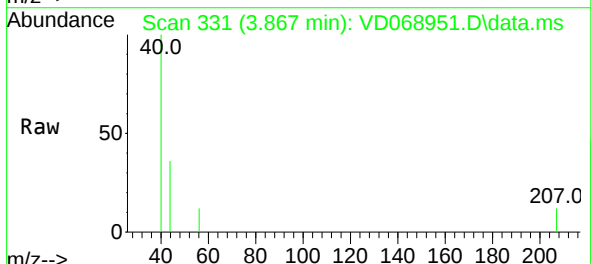
Instrument :
MSVOA_D
ClientSampleID :

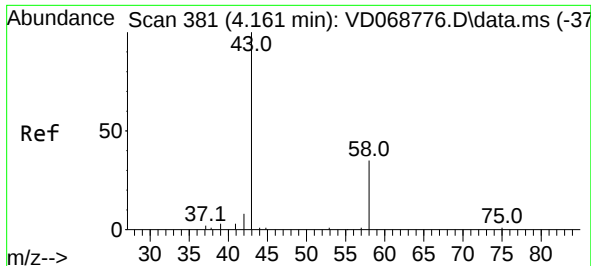
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.05 ug/l
RT: 3.867 min Scan# 331
Delta R.T. -0.059 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#

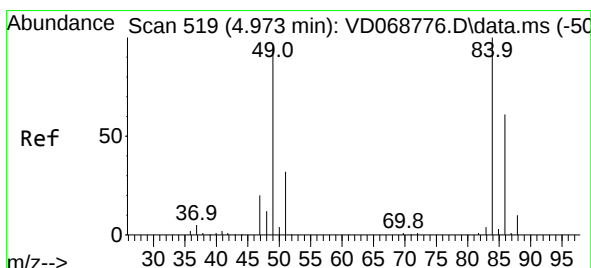
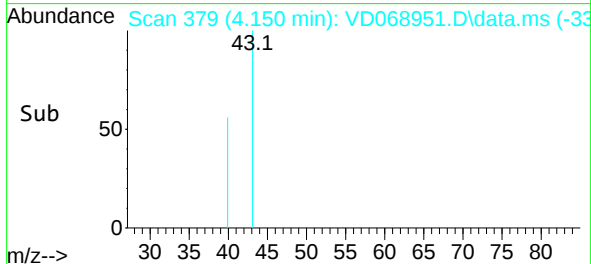
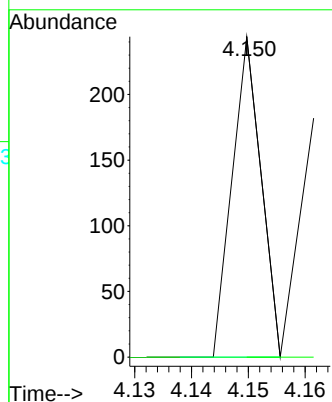
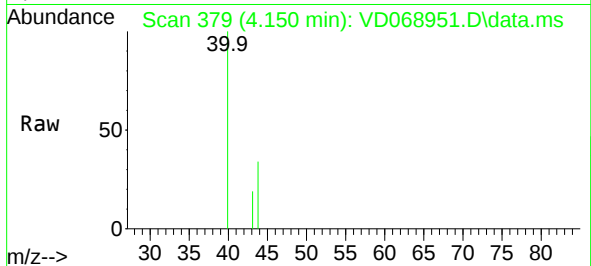




#16
Acetone
Concen: 1.77 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

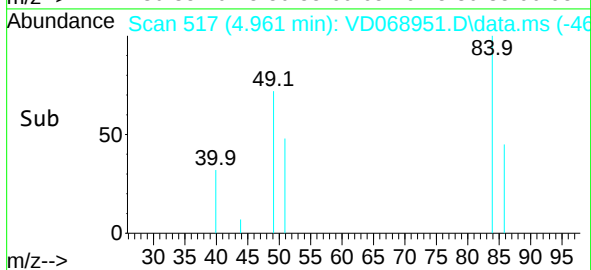
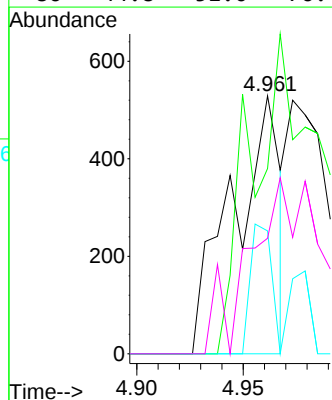
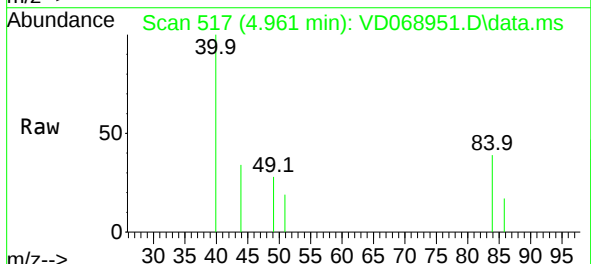
Instrument :
MSVOA_D
ClientSampled :

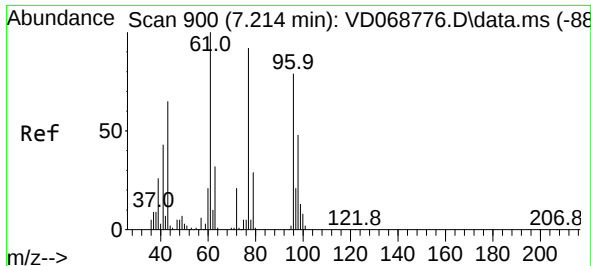
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

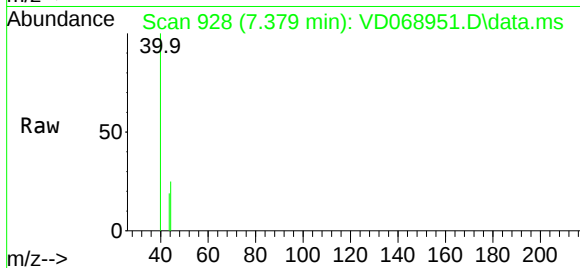
Tgt Ion: 84 Resp: 821
Ion Ratio Lower Upper
84 100
49 71.8 83.4 125.0#
51 47.6 23.4 35.2#
86 44.8 51.0 76.4#



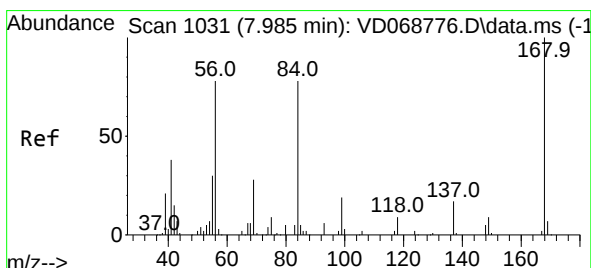
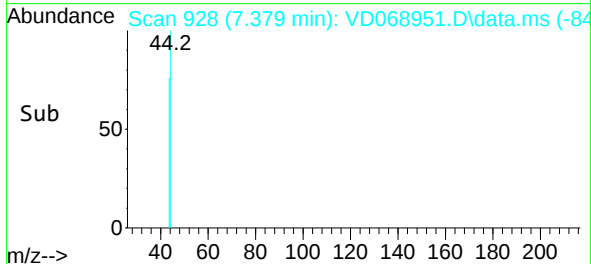
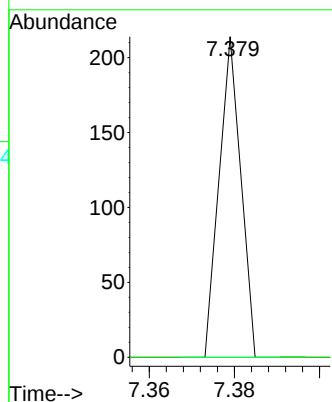


#25
2-Butanone
Concen: 1.10 ug/l
RT: 7.379 min Scan# 928
Delta R.T. 0.165 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

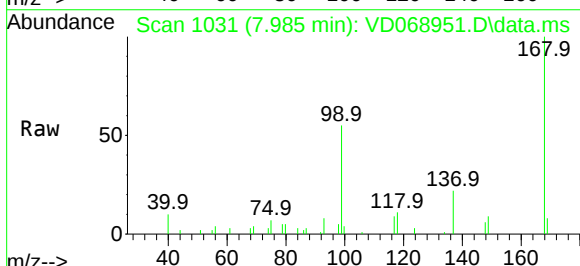
Instrument :
MSVOA_D
ClientSampled :



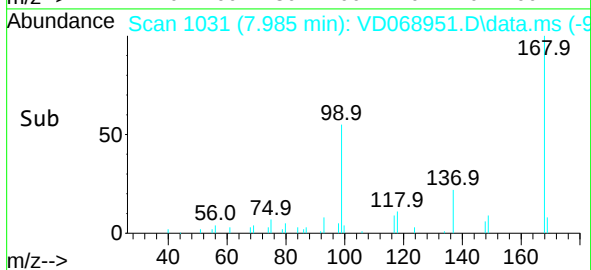
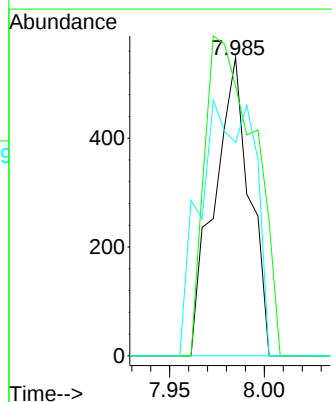
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#

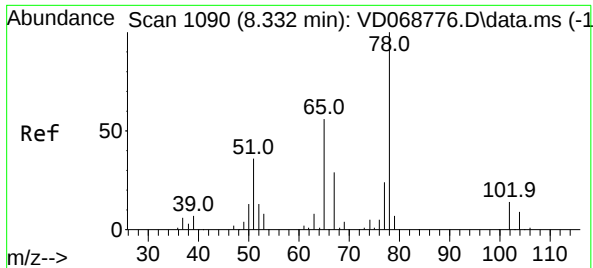


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27



Tgt Ion: 56 Resp: 710
Ion Ratio Lower Upper
56 100
69 90.3 30.0 45.0#
84 71.4 82.0 123.0#

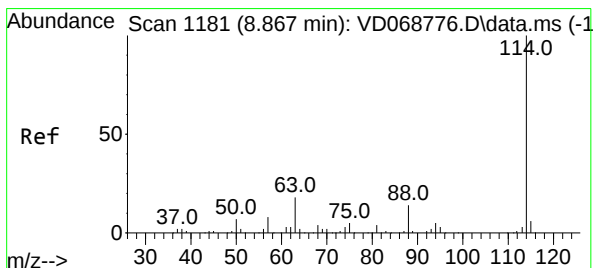
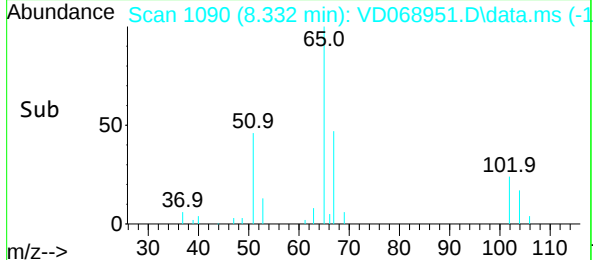
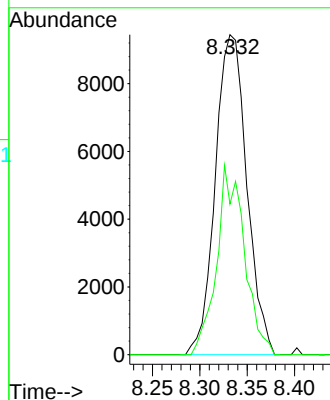
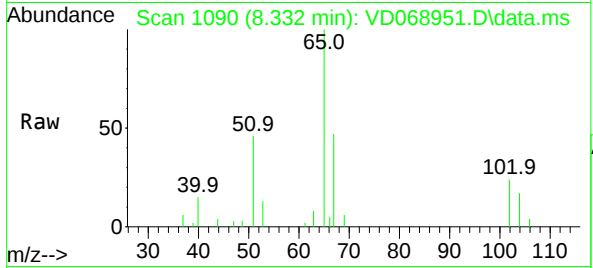




#33
1,2-Dichloroethane-d4
Concen: 62.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

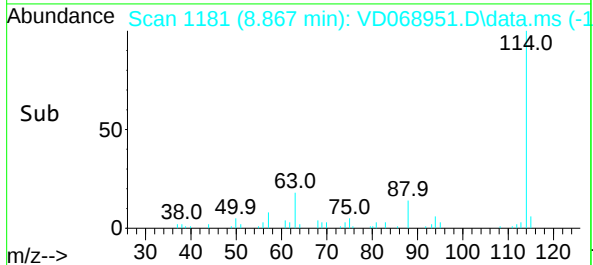
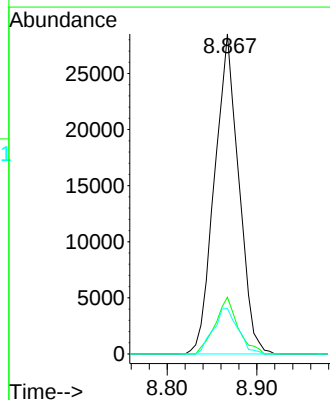
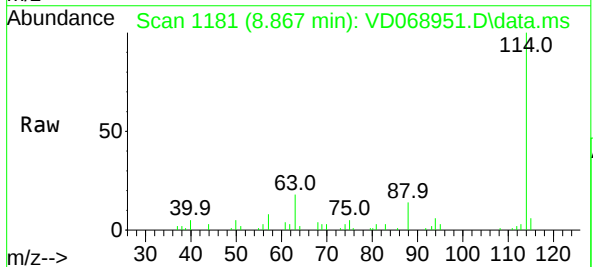
Instrument :
MSVOA_D
ClientSampled :

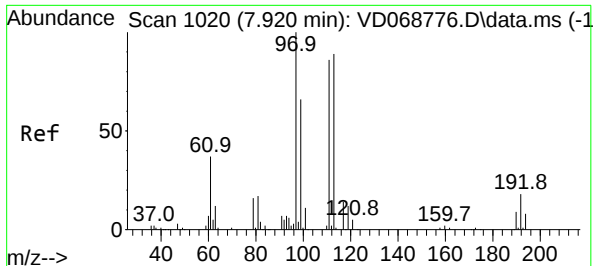
Tgt Ion: 65 Resp: 21877
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

Tgt Ion: 114 Resp: 53530
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 59.12 ug/l

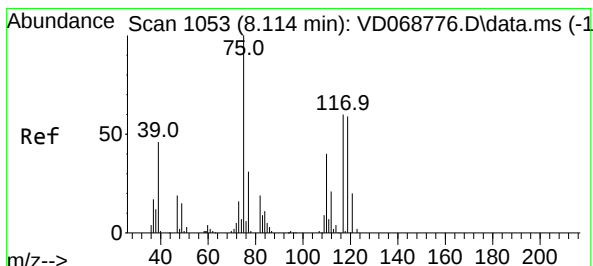
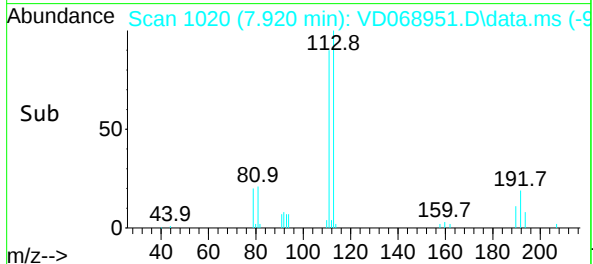
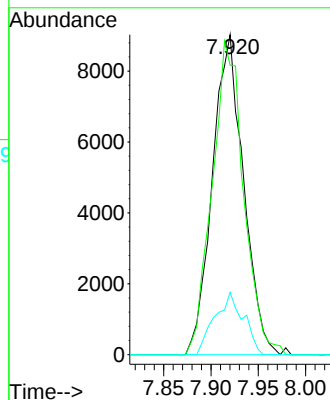
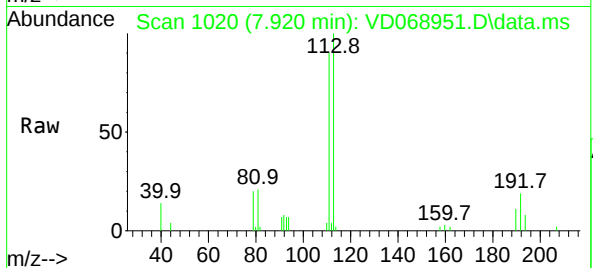
RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068951.D

Acq: 22 Apr 2021 14:27

Tgt Ion:	113	Resp:	20586
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.5	123.7
192	18.0	15.1	22.7



#36

1,1-Dichloropropene

Concen: 5.19 ug/l

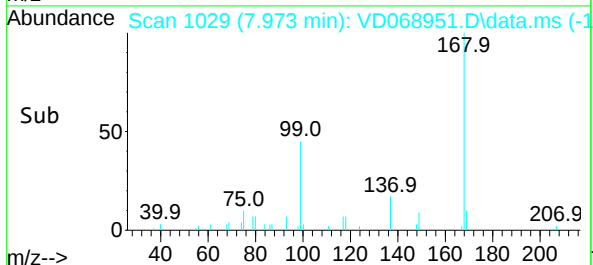
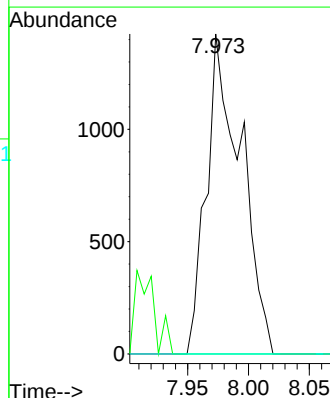
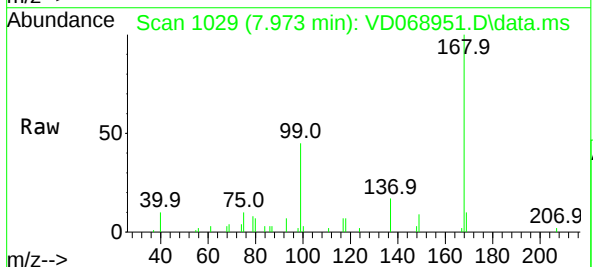
RT: 7.973 min Scan# 1029

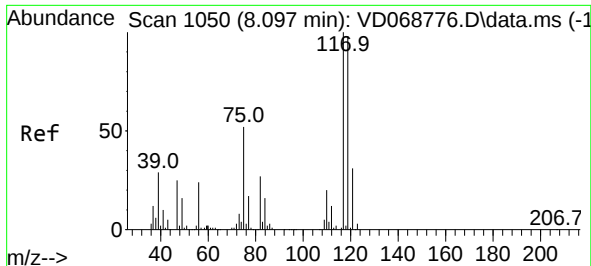
Delta R.T. -0.141 min

Lab File: VD068951.D

Acq: 22 Apr 2021 14:27

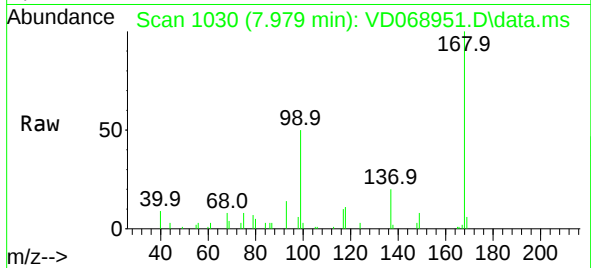
Tgt Ion:	75	Resp:	2814
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	24.7	37.1#



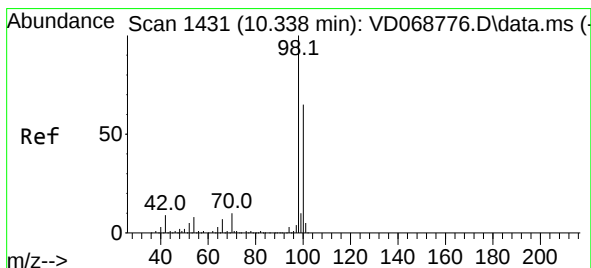
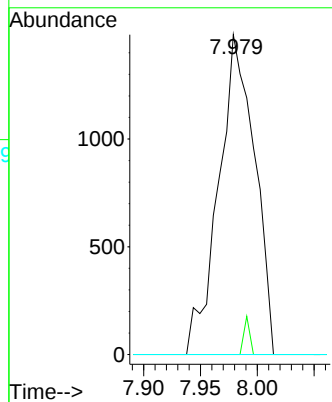
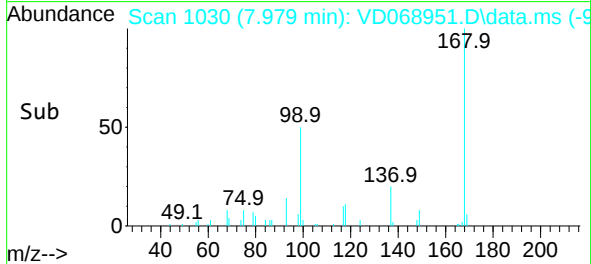


#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

Instrument :
MSVOA_D
ClientSampled :

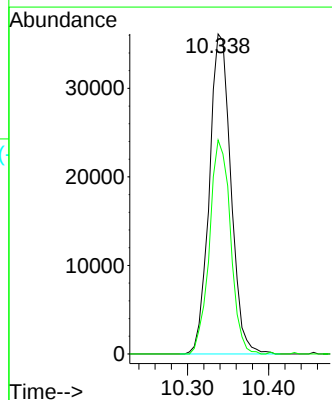
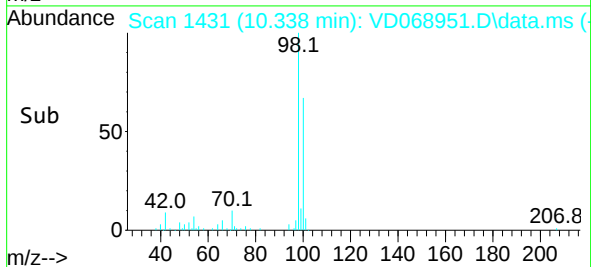
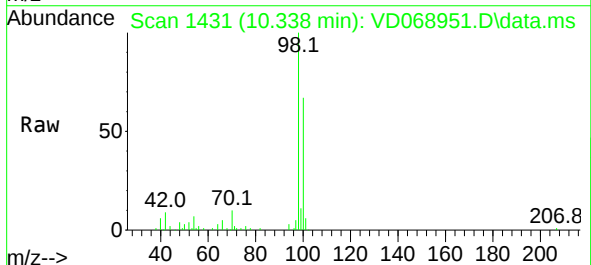


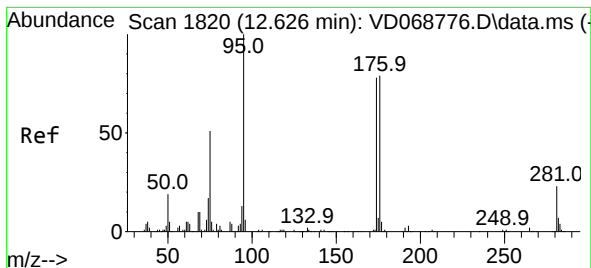
Tgt Ion:117 Resp: 3270
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

Tgt Ion: 98 Resp: 66637
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

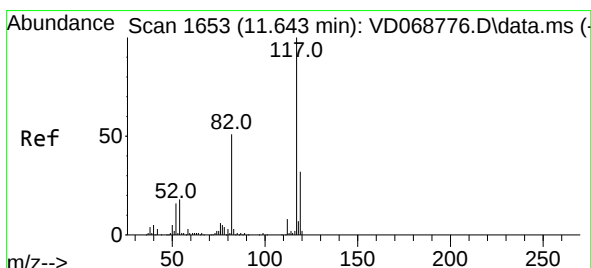
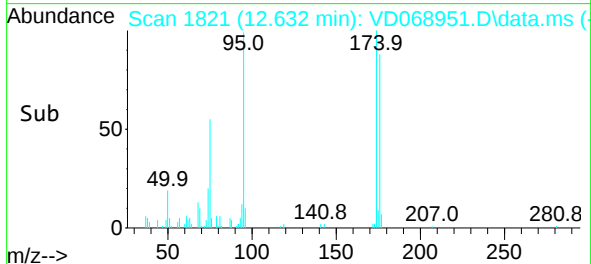
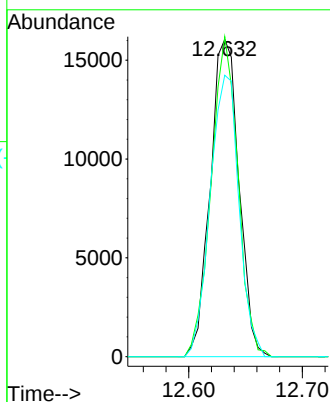
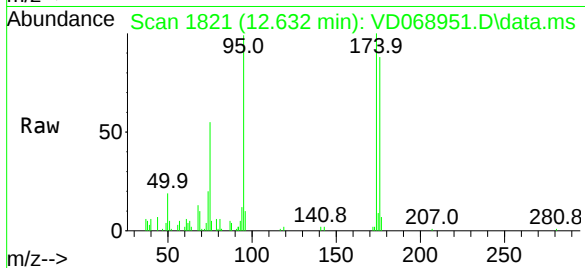




#62
4-Bromofluorobenzene
Concen: 64.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

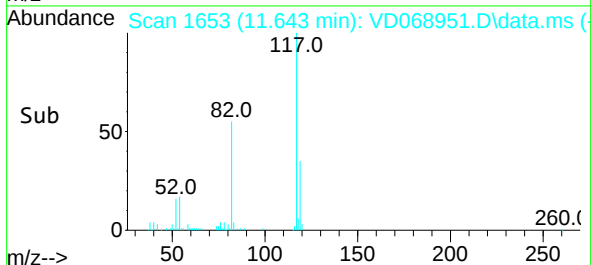
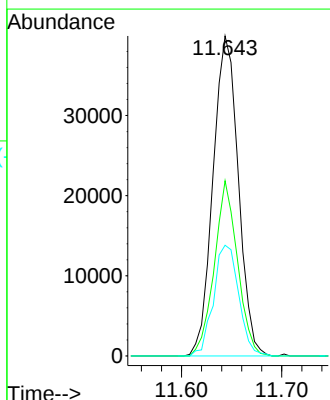
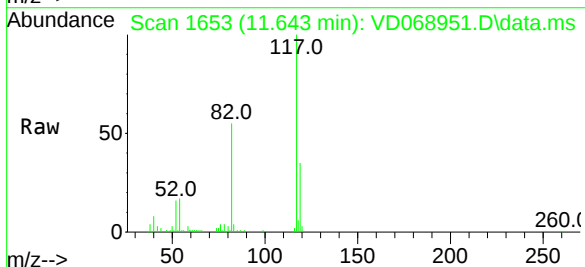
Instrument :
MSVOA_D
ClientSampleId :

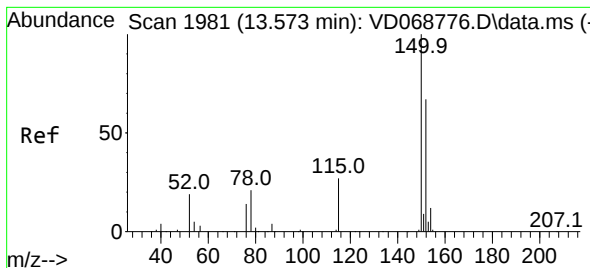
Tgt Ion: 95 Resp: 28134
Ion Ratio Lower Upper
95 100
174 94.4 0.0 168.0
176 89.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

Tgt Ion: 117 Resp: 69943
Ion Ratio Lower Upper
117 100
82 54.8 43.5 65.3
119 34.6 26.7 40.1

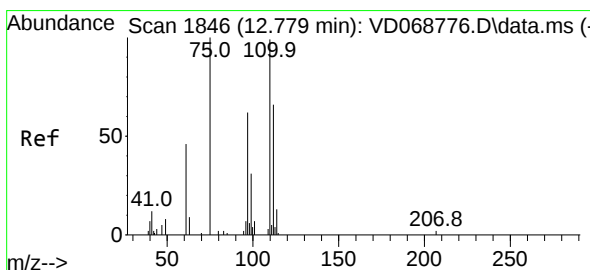
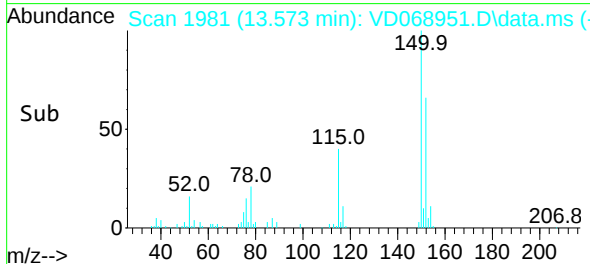
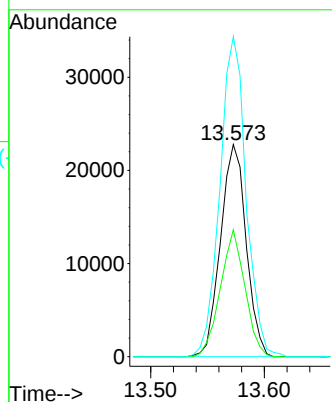
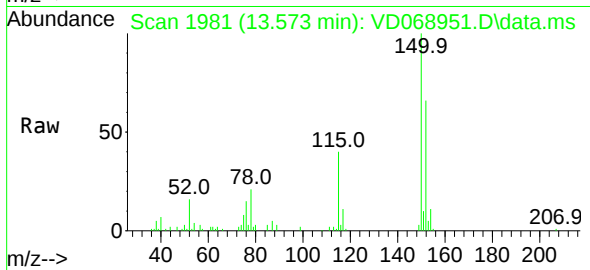




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

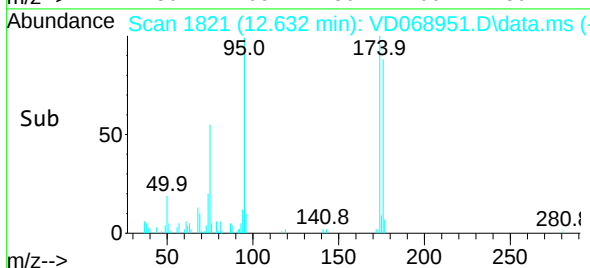
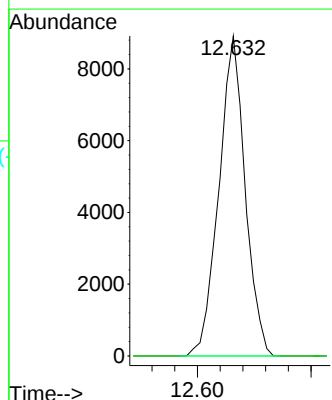
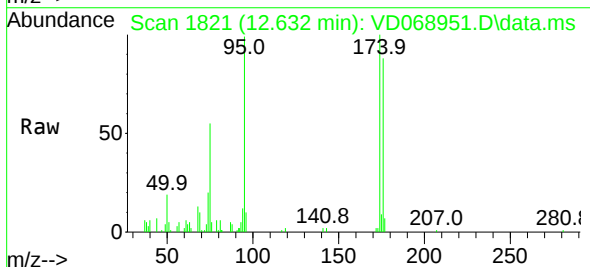
Instrument :
MSVOA_D
ClientSampleId :

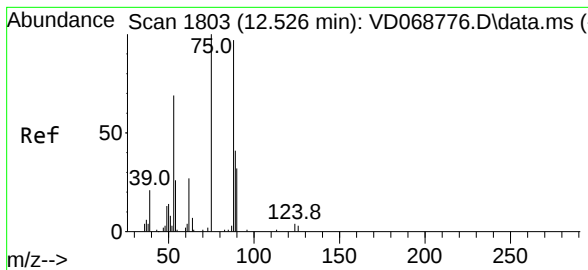
Tgt Ion:152 Resp: 35707
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 154.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068951.D
Acq: 22 Apr 2021 14:27

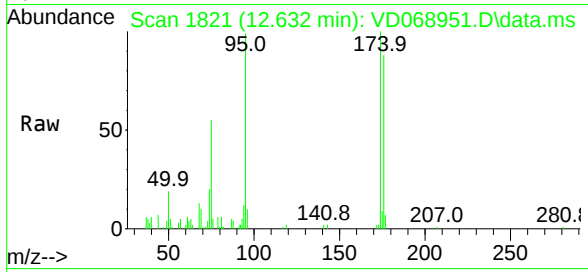
Tgt Ion: 75 Resp: 14325
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.91 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068951.D
 Acq: 22 Apr 2021 14:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	14325
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	36.6	54.8#

