

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068967.D
 Acq On : 23 Apr 2021 15:04
 Operator : VA/SY
 Sample : M2107-22
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 07:56:07 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)

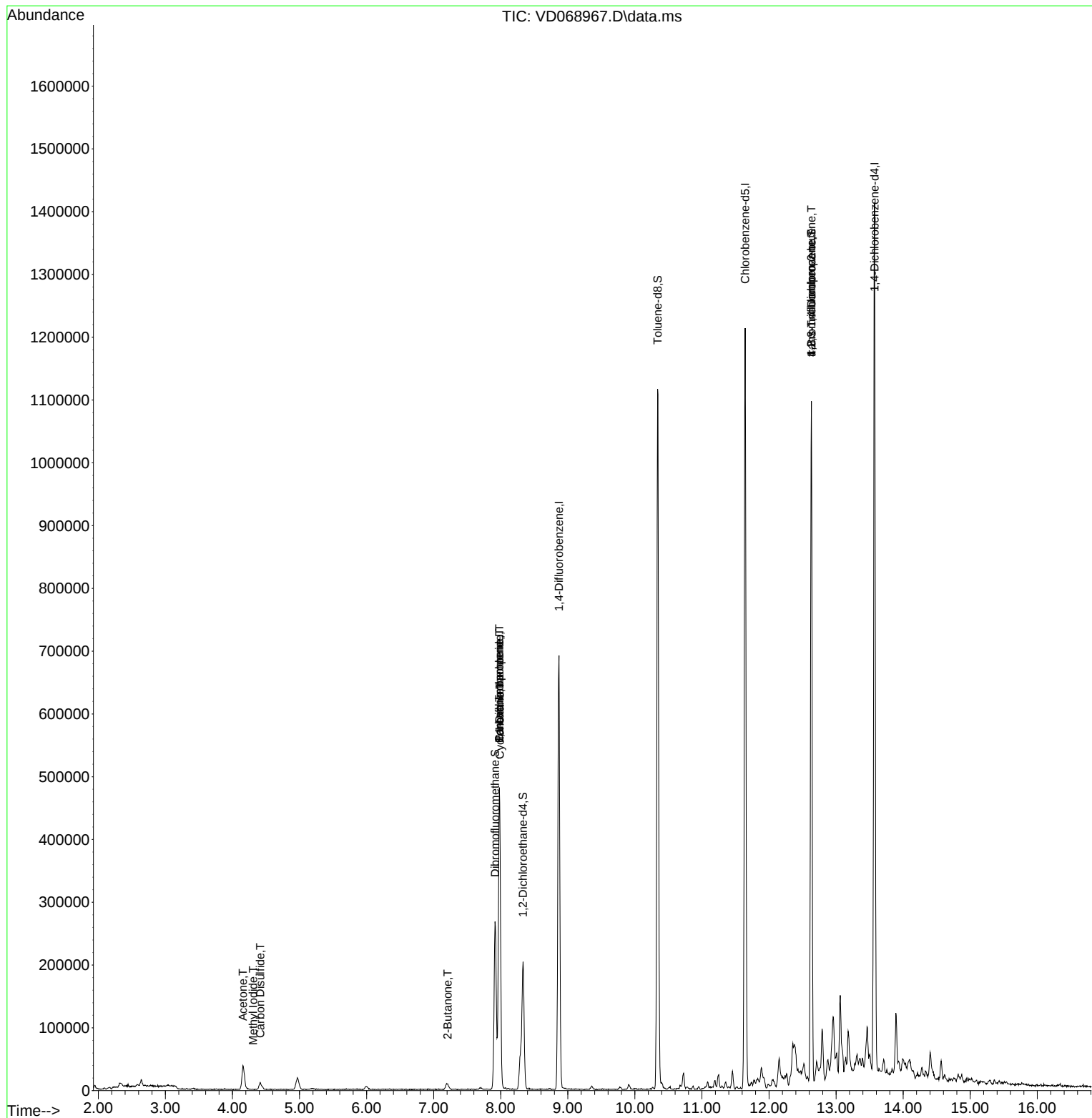
Internal Standards						
1) Pentafluorobenzene	7.979	168	372416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	629071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	741993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	389533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153132	38.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.82%		
35) Dibromofluoromethane	7.914	113	191307	46.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.50%		
50) Toluene-d8	10.338	98	798965	51.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.52%		
62) 4-Bromofluorobenzene	12.632	95	346470	67.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	135.16%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	191	2.29	ug/l #	91
11) Tert butyl alcohol	5.191	59	262	Below Cal	#	73
16) Acetone	4.156	43	63822	117.10	ug/l	96
17) Carbon Disulfide	4.415	76	19544	1.62	ug/l #	94
20) Methylene Chloride	4.973	84	15499	Below Cal		90
25) 2-Butanone	7.209	43	2902	3.76	ug/l #	79
31) Cyclohexane	7.985	56	7934	1.21	ug/l #	57
36) 1,1-Dichloropropene	7.979	75	25930	4.07	ug/l #	50
38) Carbon Tetrachloride	7.979	117	35926	5.70	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	169676	47.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	169676	110.65	ug/l #	16

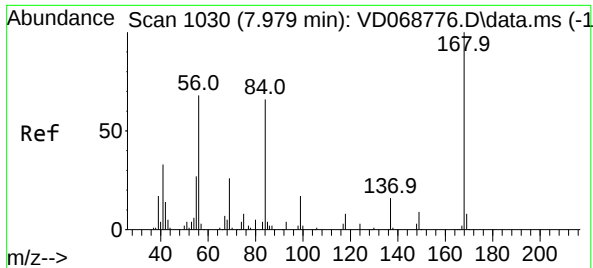
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
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Acq On : 23 Apr 2021 15:04
Operator : VA/SY
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Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 26 07:56:07 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

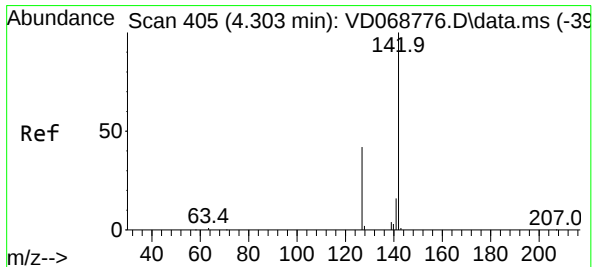
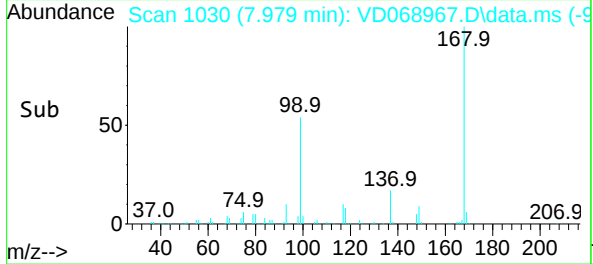
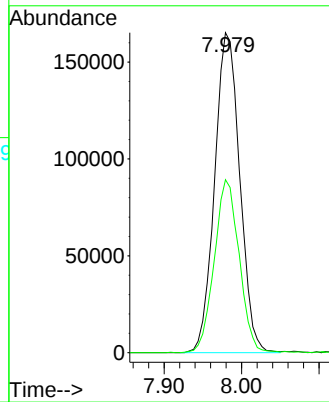
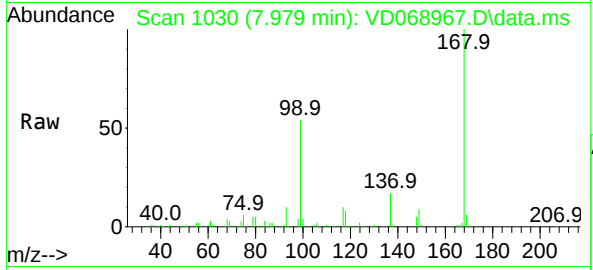




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

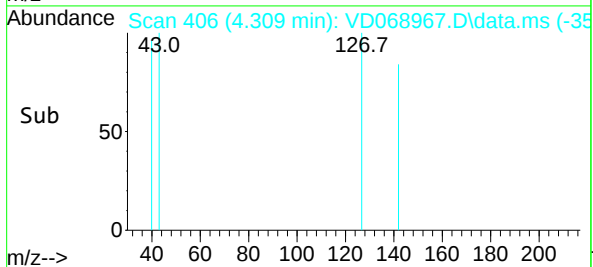
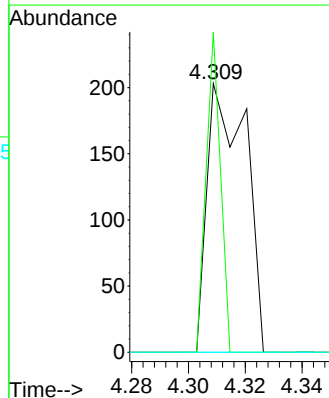
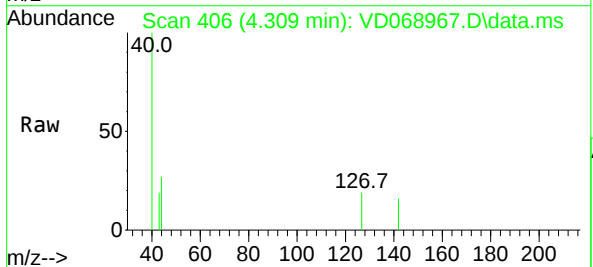
Instrument :
MSVOA_D
ClientSampleId :

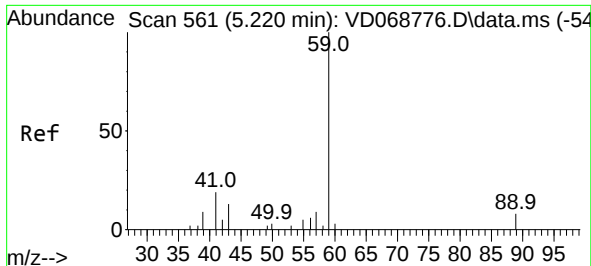
Tgt Ion:168 Resp: 372416
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion:142 Resp: 191
Ion Ratio Lower Upper
142 100
127 44.5 34.7 52.1
141 0.0 11.0 16.4#

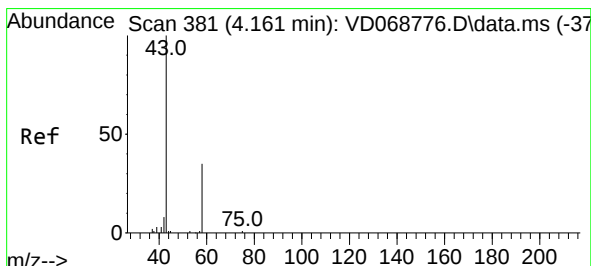
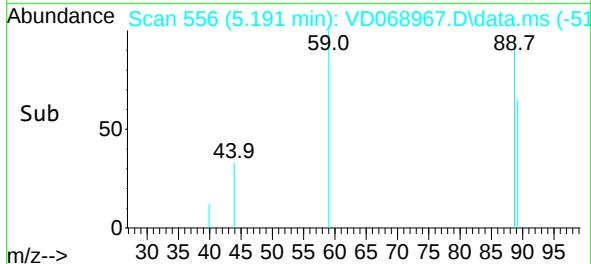
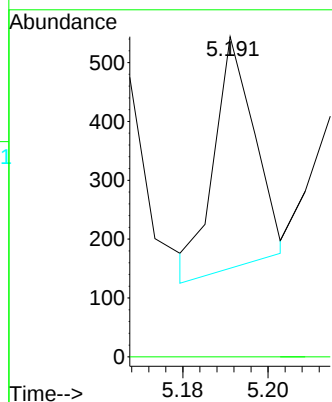
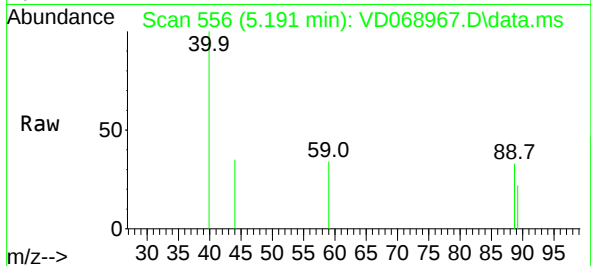




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

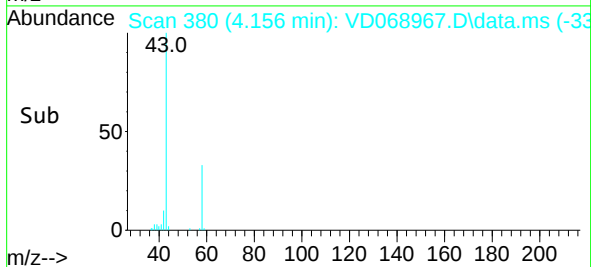
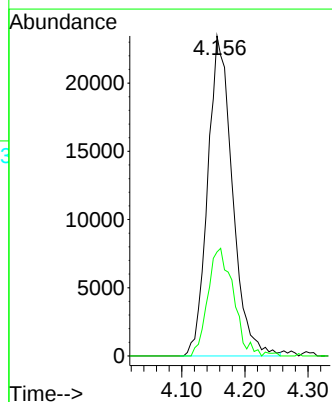
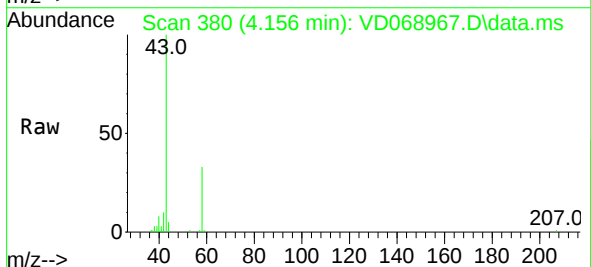
Instrument :
MSVOA_D
ClientSampled :

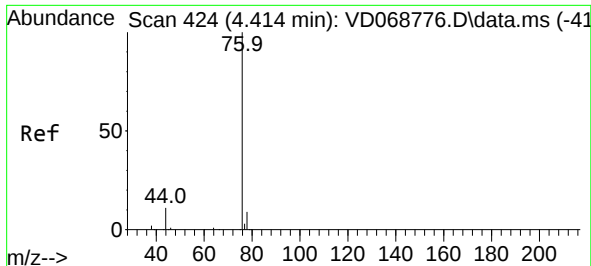
Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 117.10 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 43 Resp: 63822
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

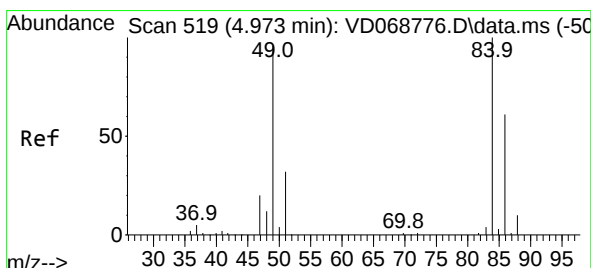
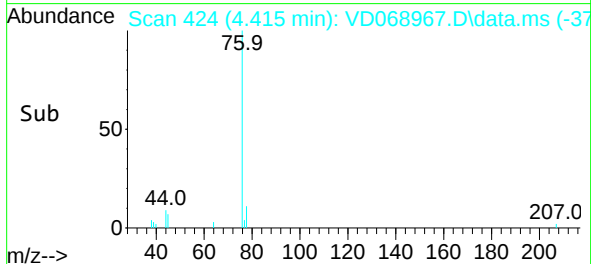
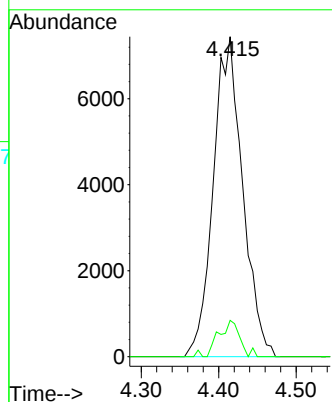
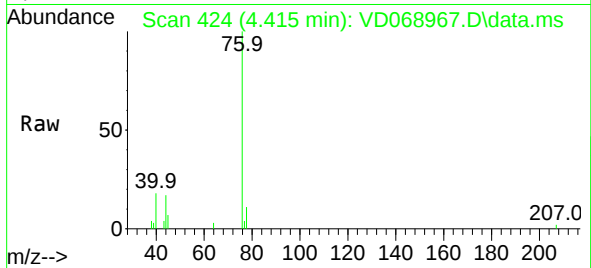




#17
Carbon Disulfide
Concen: 1.62 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

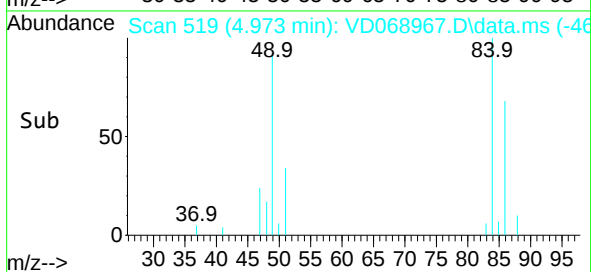
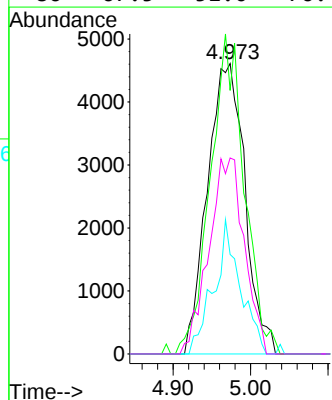
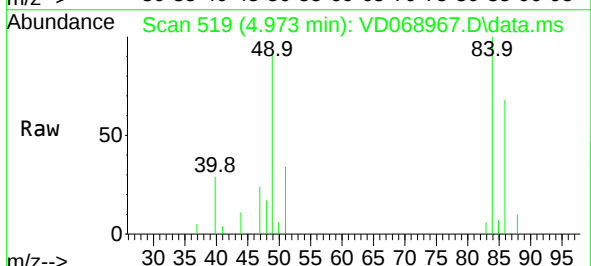
Instrument :
MSVOA_D
ClientSampled :

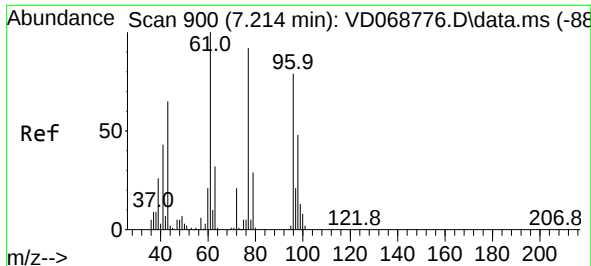
Tgt Ion: 76 Resp: 19544
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

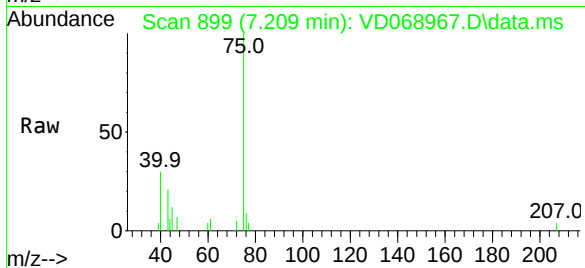
Tgt Ion: 84 Resp: 15499
Ion Ratio Lower Upper
84 100
49 90.8 83.4 125.0
51 34.3 23.4 35.2
86 67.5 51.0 76.4



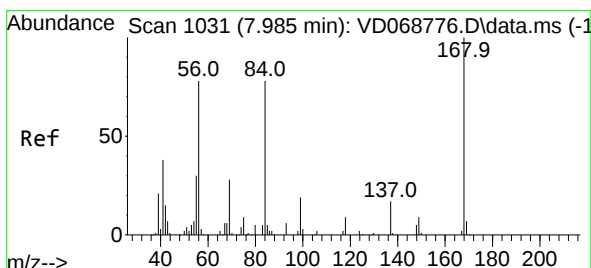
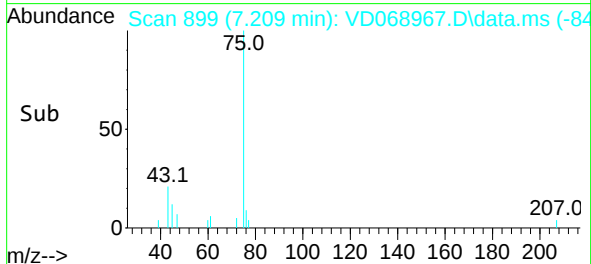
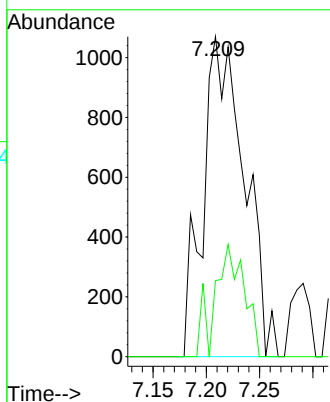


#25
2-Butanone
Concen: 3.76 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Instrument :
MSVOA_D
ClientSampleId :

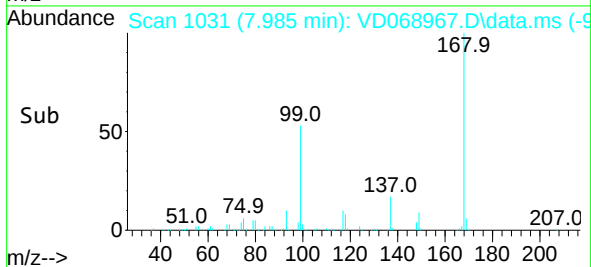
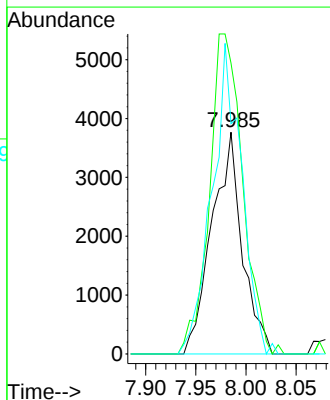
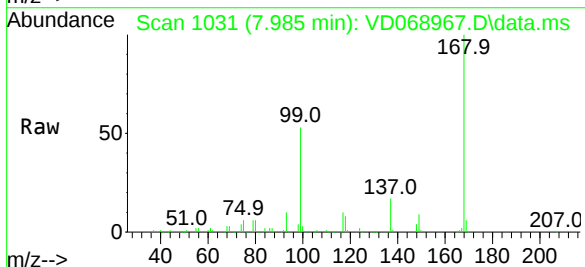


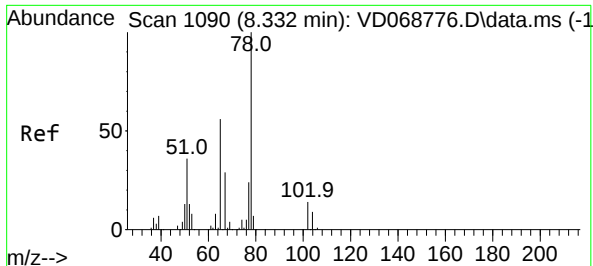
Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
72 23.7 28.6 43.0#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 56 Resp: 7934
Ion Ratio Lower Upper
56 100
69 131.2 30.0 45.0#
84 103.8 82.0 123.0





#33

1,2-Dichloroethane-d4

Concen: 38.91 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068967.D

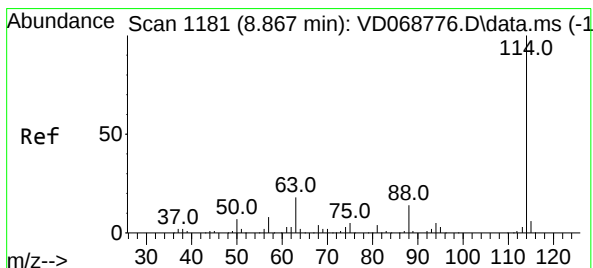
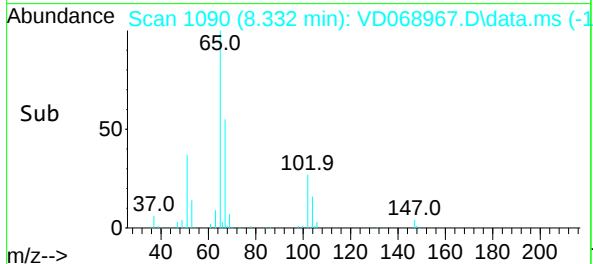
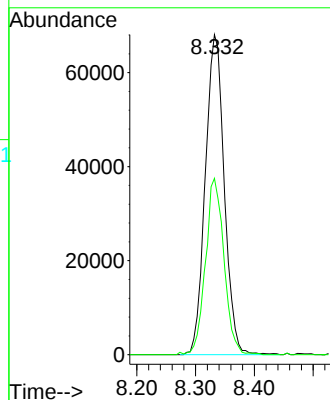
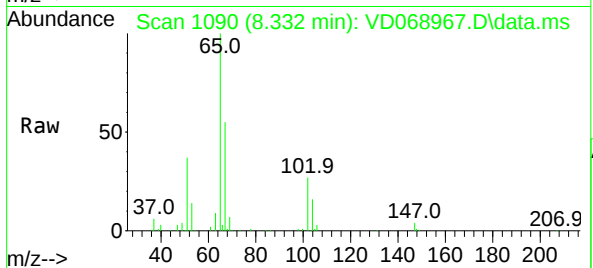
Acq: 23 Apr 2021 15:04

Tgt Ion: 65 Resp: 153132

Ion Ratio Lower Upper

65 100

67 53.7 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: VD068967.D

Acq: 23 Apr 2021 15:04

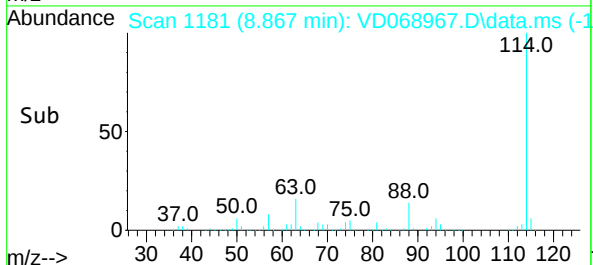
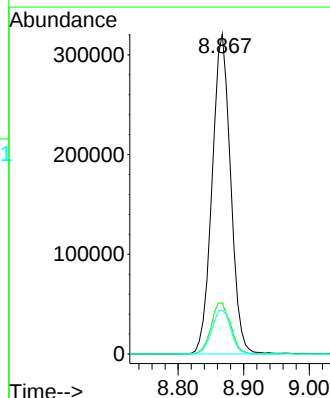
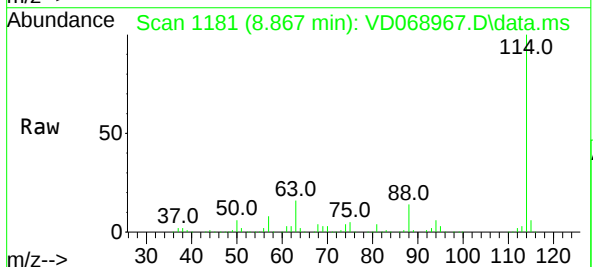
Tgt Ion: 114 Resp: 629071

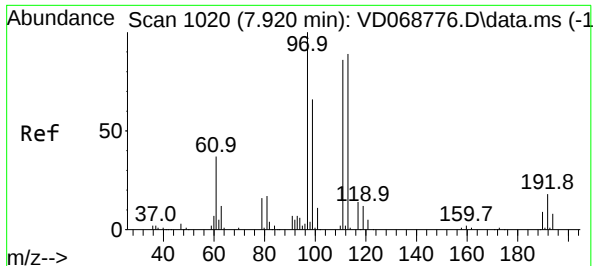
Ion Ratio Lower Upper

114 100

63 15.9 0.0 38.2

88 13.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.75 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068967.D

Acq: 23 Apr 2021 15:04

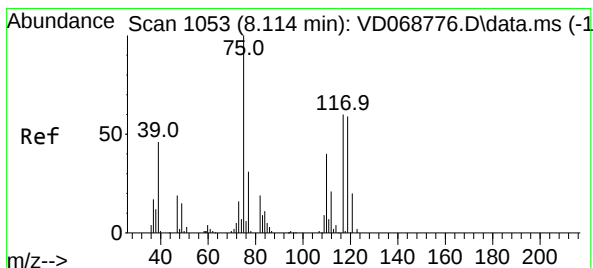
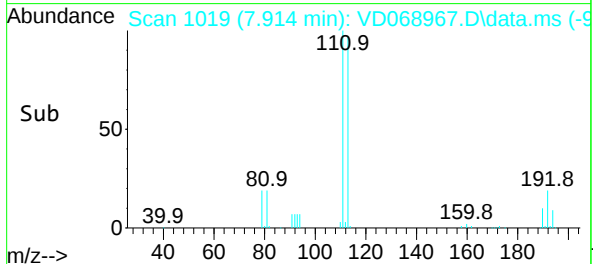
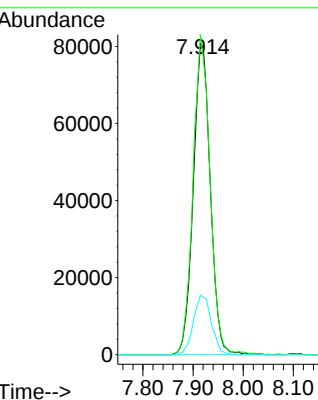
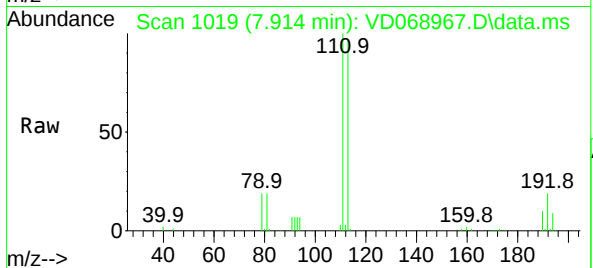
Tgt Ion:113 Resp: 191307

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 20.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.07 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068967.D

Acq: 23 Apr 2021 15:04

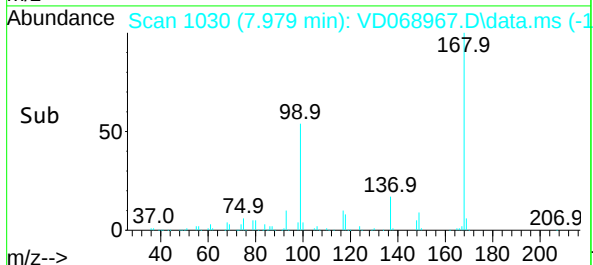
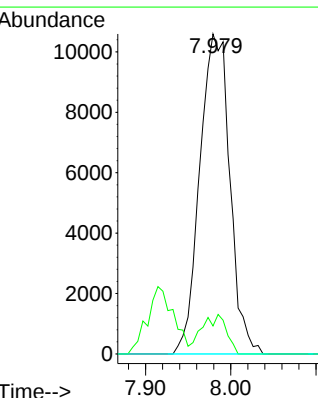
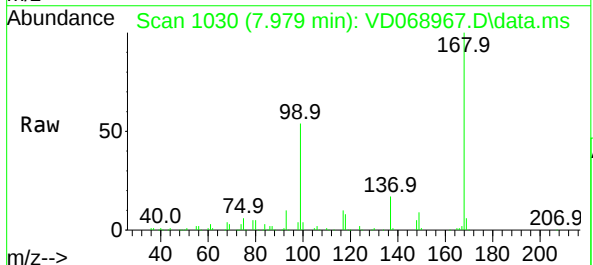
Tgt Ion: 75 Resp: 25930

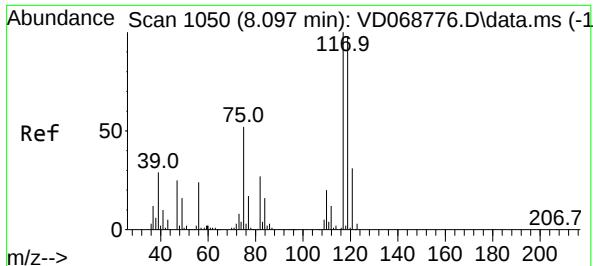
Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

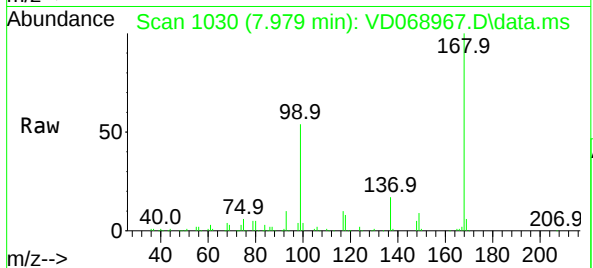
77 0.0 24.7 37.1#



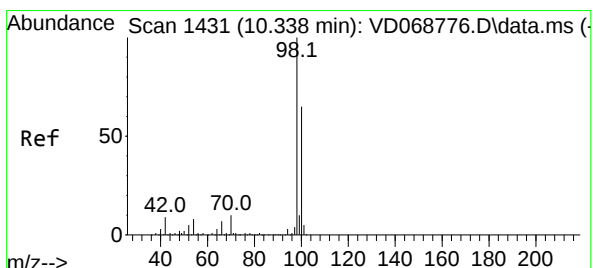
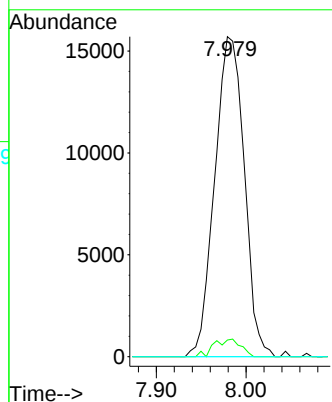
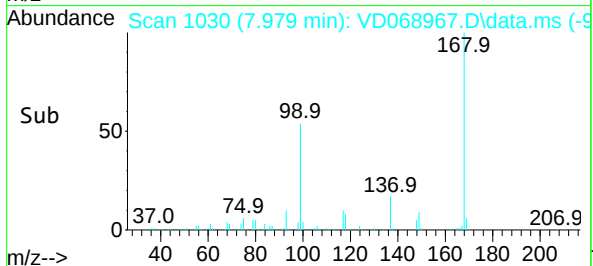


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Instrument :
MSVOA_D
ClientSampleId :

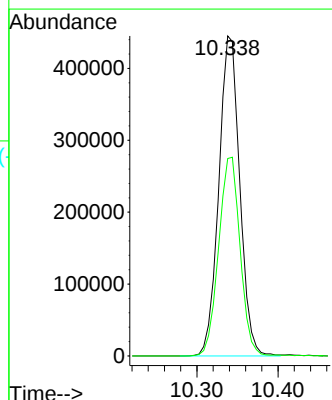
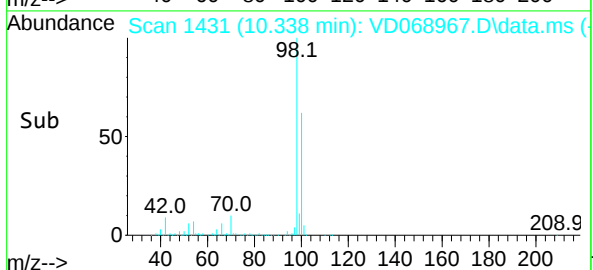
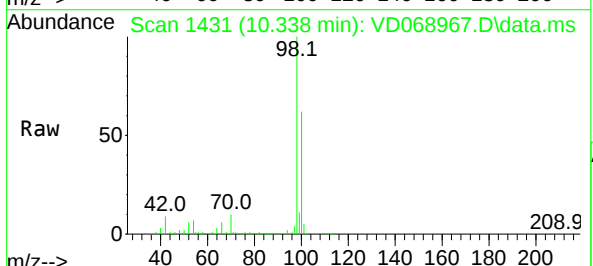


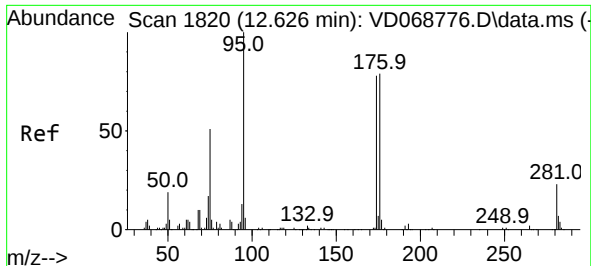
Tgt Ion:117 Resp: 35926
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 98 Resp: 798965
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

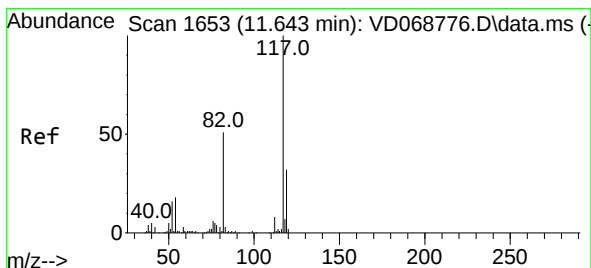
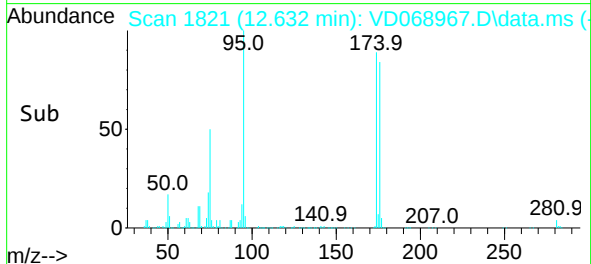
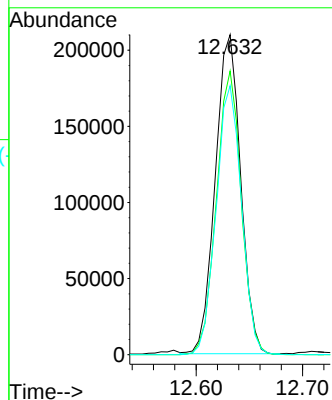
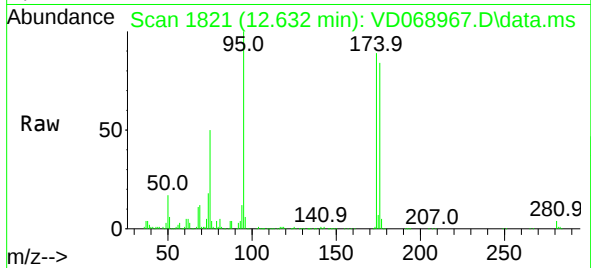




#62
4-Bromofluorobenzene
Concen: 67.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

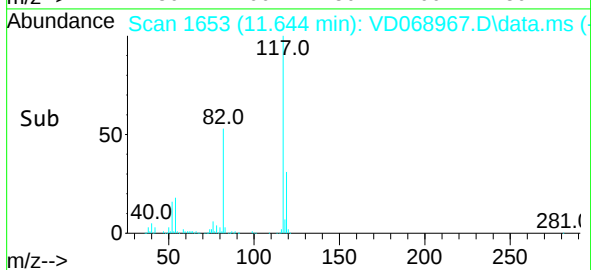
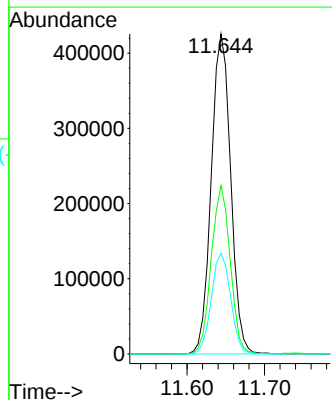
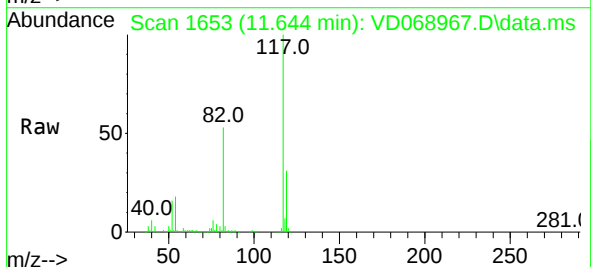
Instrument :
MSVOA_D
ClientSampleId :

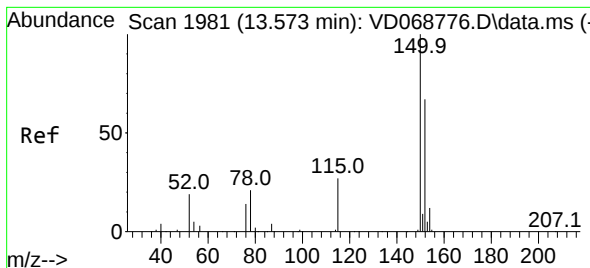
Tgt Ion: 95 Resp: 346470
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 84.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 117 Resp: 741993
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 31.5 26.7 40.1

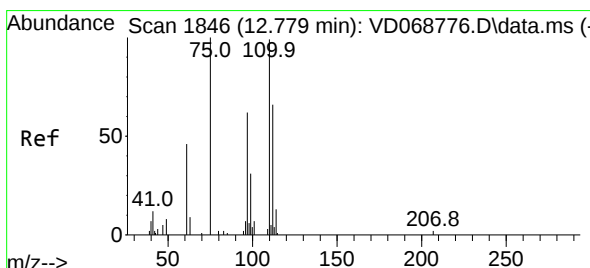
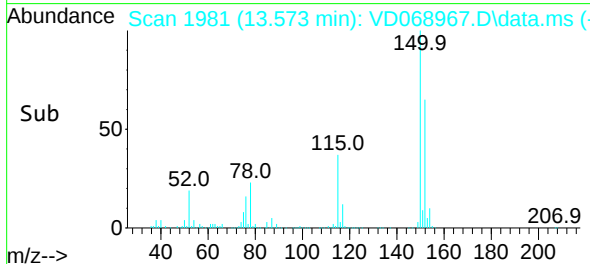
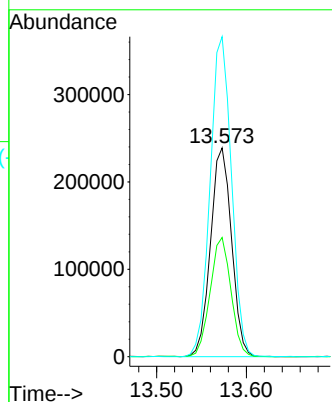
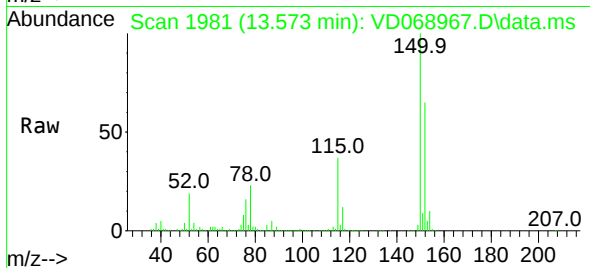




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068967.D
 Acq: 23 Apr 2021 15:04

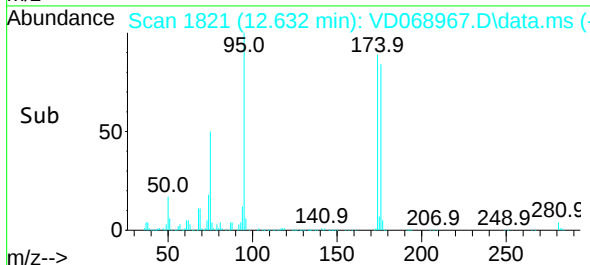
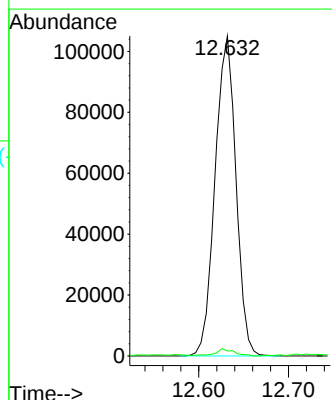
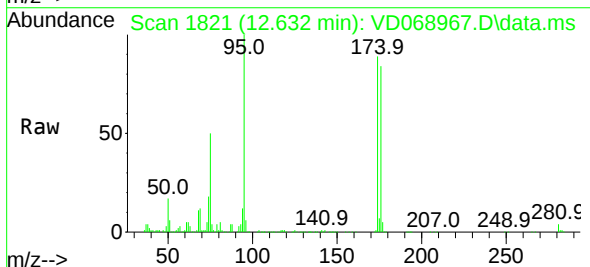
Instrument :
 MSVOA_D
 ClientSampled :

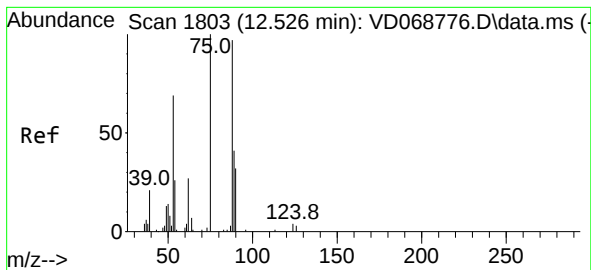
Tgt Ion:152 Resp: 389533
 Ion Ratio Lower Upper
 152 100
 115 56.4 29.3 87.8
 150 155.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.68 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068967.D
 Acq: 23 Apr 2021 15:04

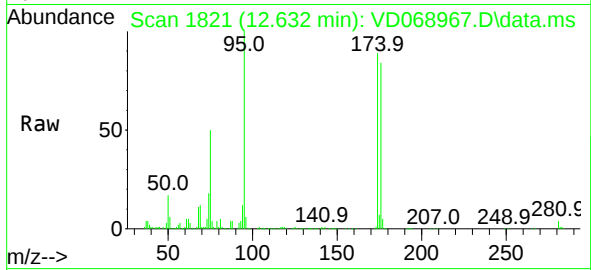
Tgt Ion: 75 Resp: 169676
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.65 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068967.D
 Acq: 23 Apr 2021 15:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 169676
 Ion Ratio Lower Upper
 75 100
 53 0.6 66.8 100.2#
 89 0.0 36.6 54.8#

