

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068939.D
 Acq On : 21 Apr 2021 21:01
 Operator : VA/SY
 Sample : M2110-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:25:14 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)

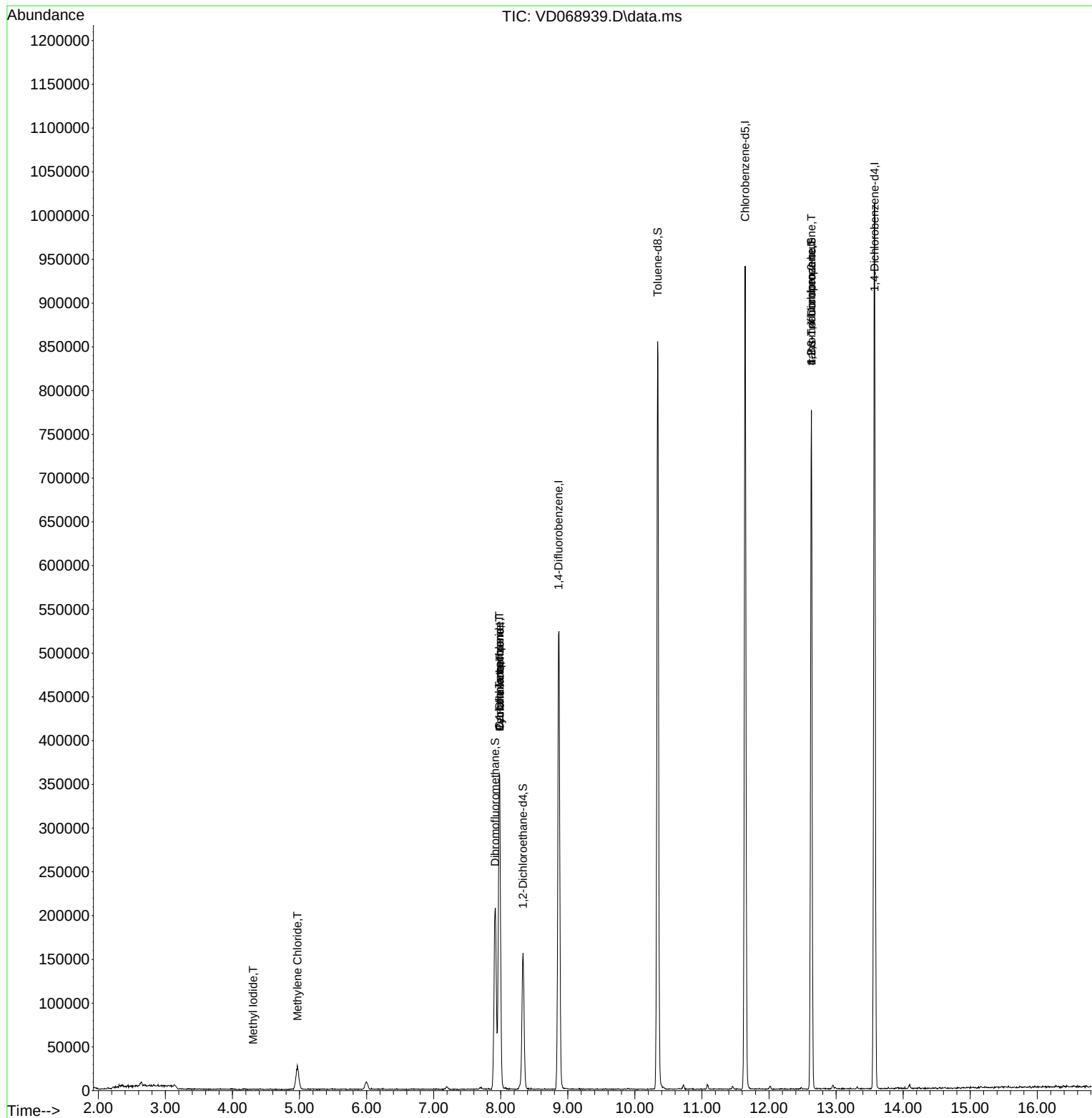
Internal Standards						
1) Pentafluorobenzene	7.985	168	278771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	553627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	279714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121042	41.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.16%
35) Dibromofluoromethane	7.914	113	152903	48.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.54%
50) Toluene-d8	10.338	98	615684	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.632	95	245649	62.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.08%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	56	2.26	ug/l #	41
11) Tert butyl alcohol	5.232	59	86	Below Cal	#	73
20) Methylene Chloride	4.967	84	22056	2.06	ug/l #	91
31) Cyclohexane	7.985	56	5738	1.17	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	20406	4.18	ug/l #	52
38) Carbon Tetrachloride	7.979	117	26319	5.45	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	122062	47.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	122062	110.85	ug/l #	16

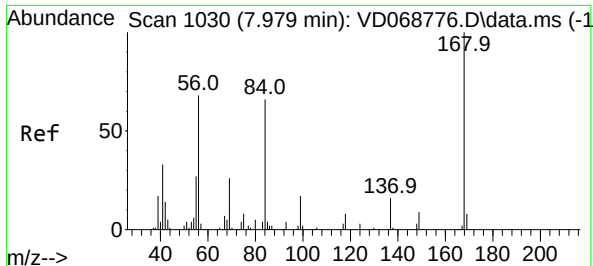
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Apr 22 10:25:14 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

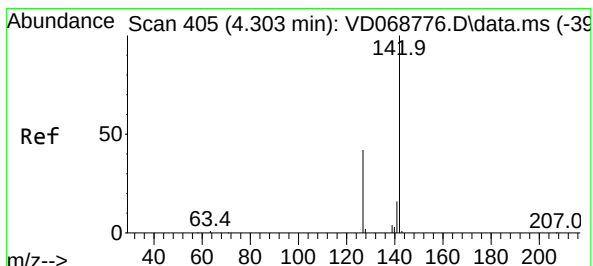
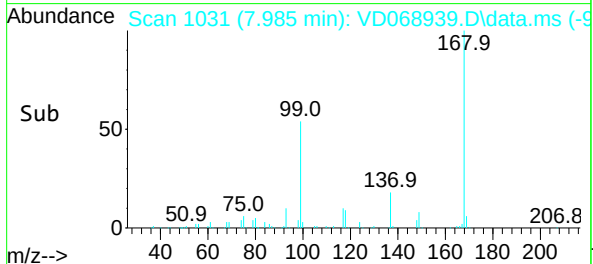
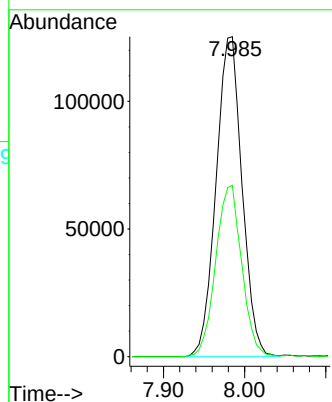
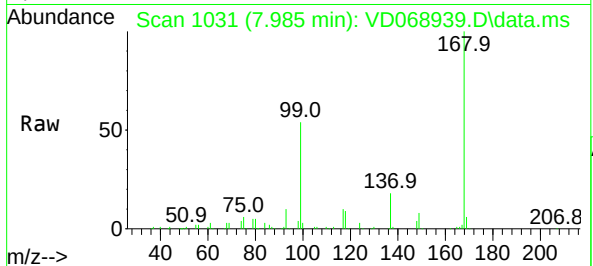




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

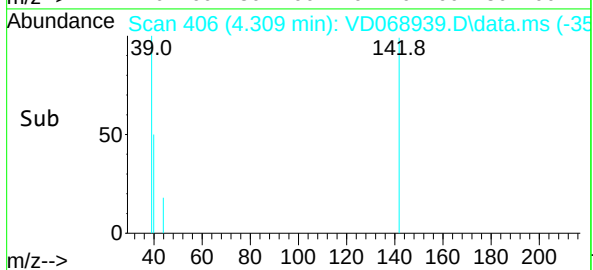
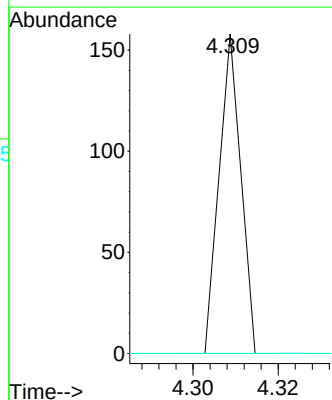
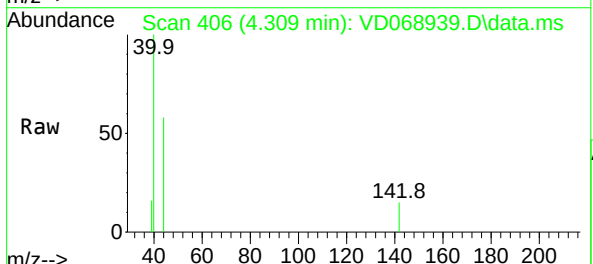
Instrument :
MSVOA_D
ClientSampled :

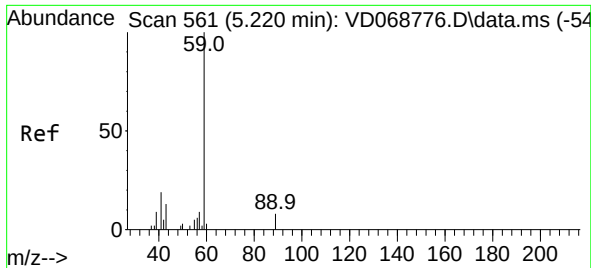
Tgt Ion:168 Resp: 278771
Ion Ratio Lower Upper
168 100
99 53.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

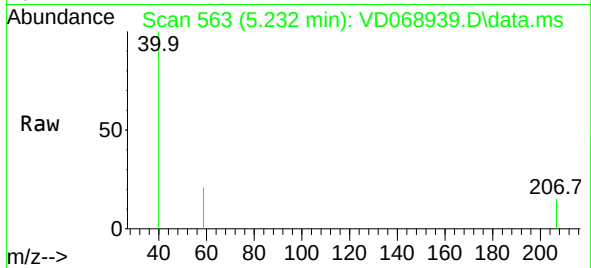
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



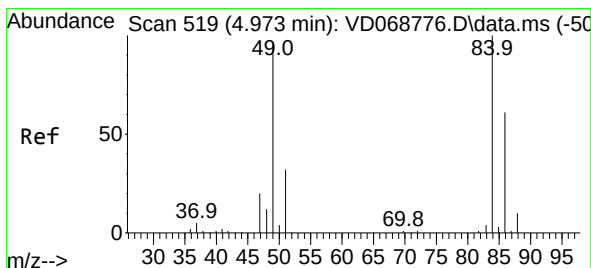
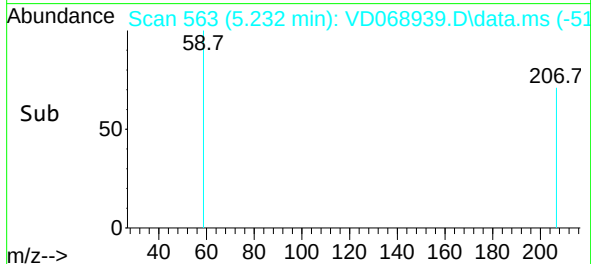
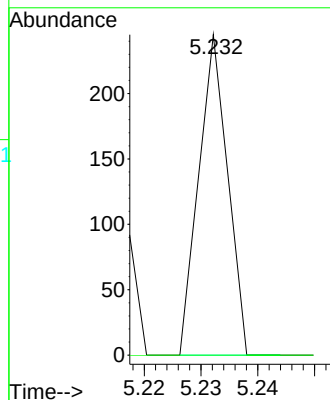


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Instrument :
MSVOA_D
ClientSampled :

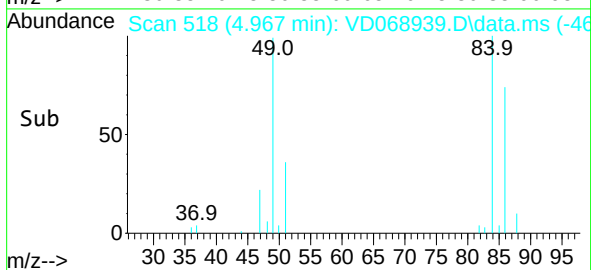
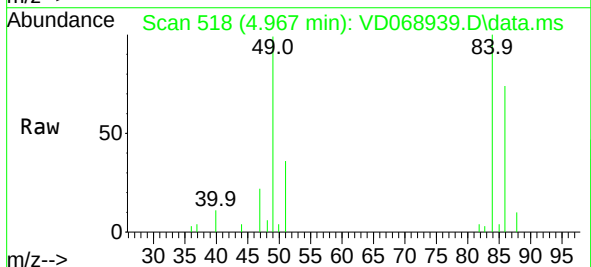
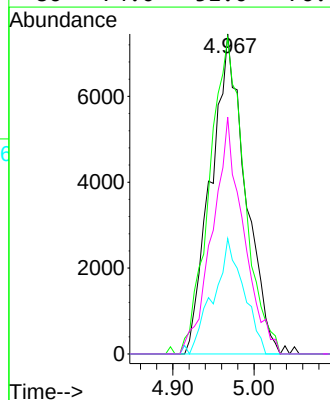


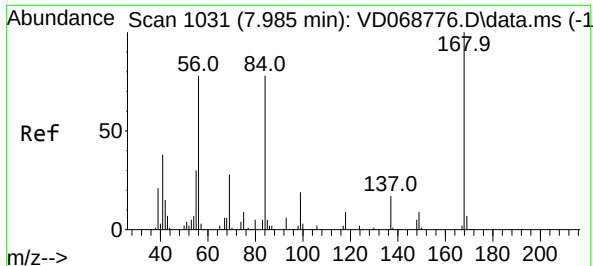
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#20
Methylene Chloride
Concen: 2.06 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

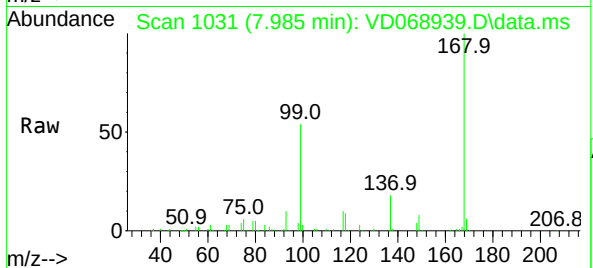
Tgt Ion: 84 Resp: 22056
Ion Ratio Lower Upper
84 100
49 98.9 83.4 125.0
51 36.0 23.4 35.2#
86 74.0 51.0 76.4



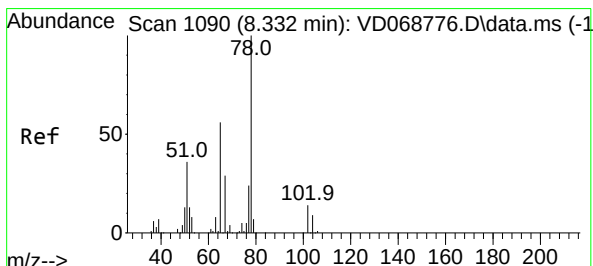
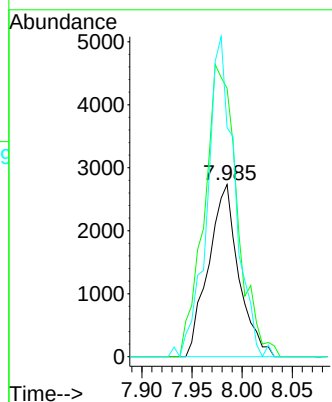
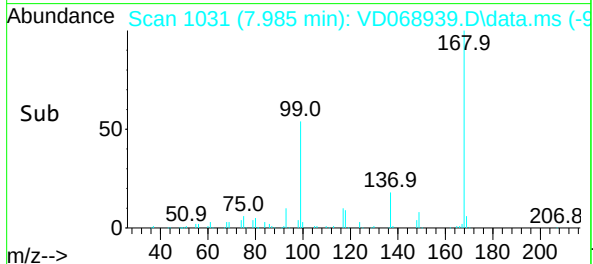


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

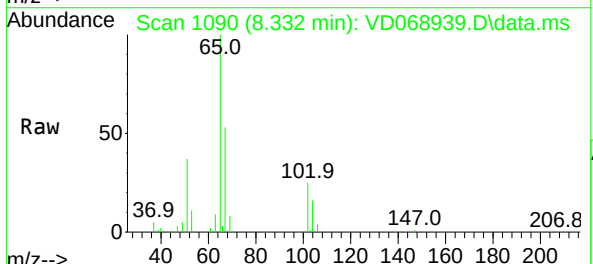
Instrument :
MSVOA_D
ClientSampled :



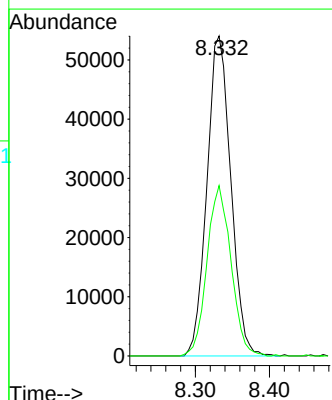
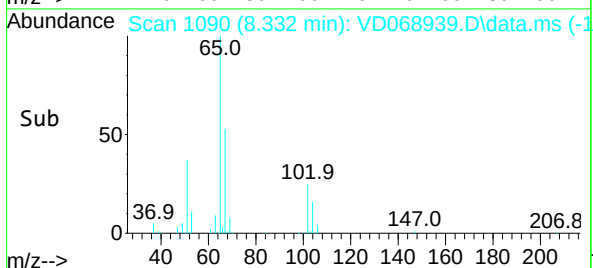
Tgt Ion: 56 Resp: 5738
Ion Ratio Lower Upper
56 100
69 155.8 30.0 45.0#
84 133.1 82.0 123.0#

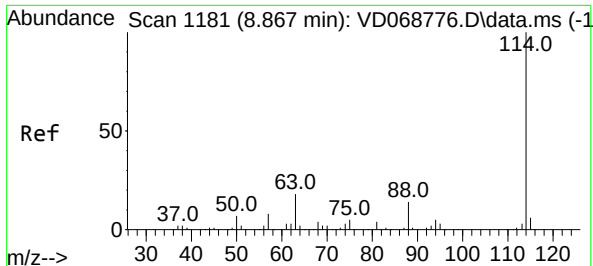


#33
1,2-Dichloroethane-d4
Concen: 41.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01



Tgt Ion: 65 Resp: 121042
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0

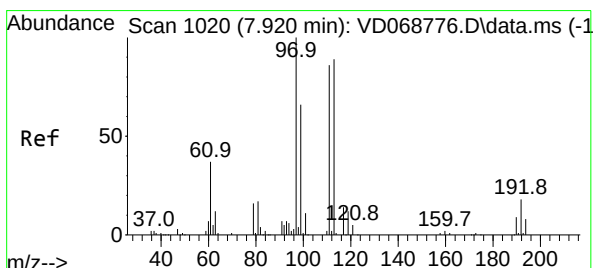
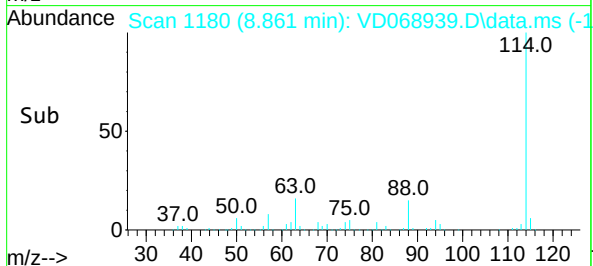
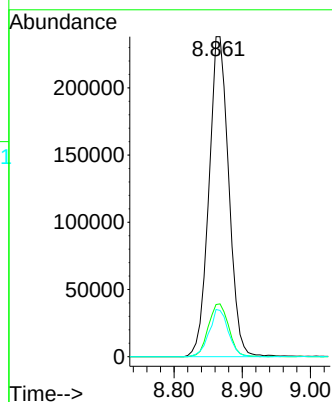
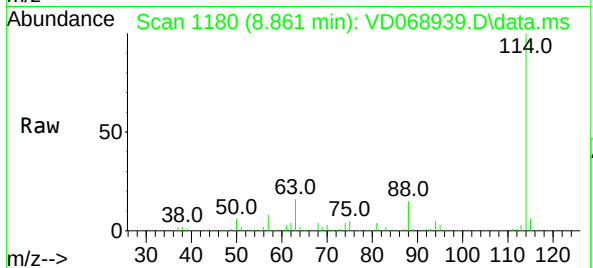




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

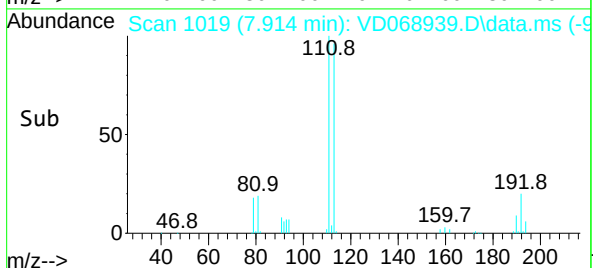
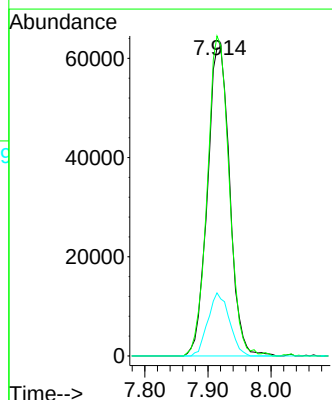
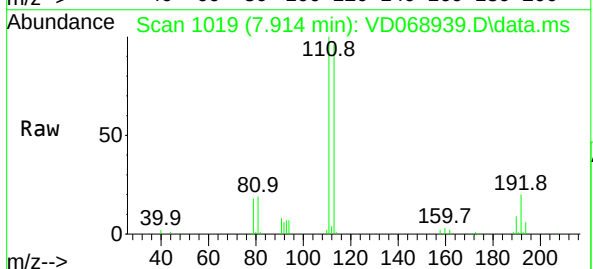
Instrument :
MSVOA_D
ClientSampled :

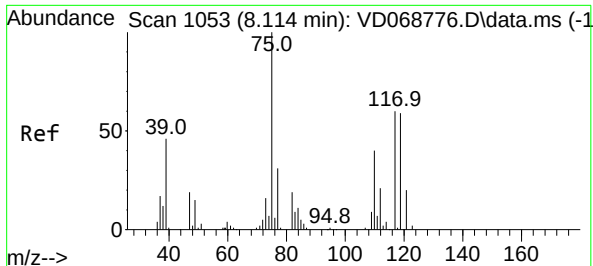
Tgt Ion:114 Resp: 482010
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion:113 Resp: 152903
Ion Ratio Lower Upper
113 100
111 101.3 82.5 123.7
192 19.6 15.1 22.7

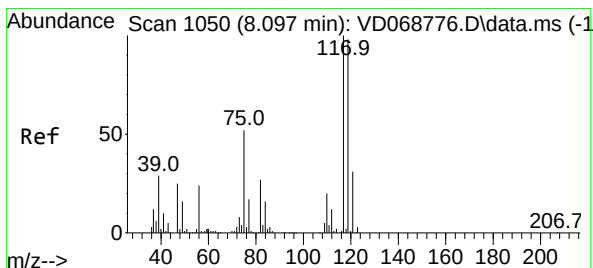
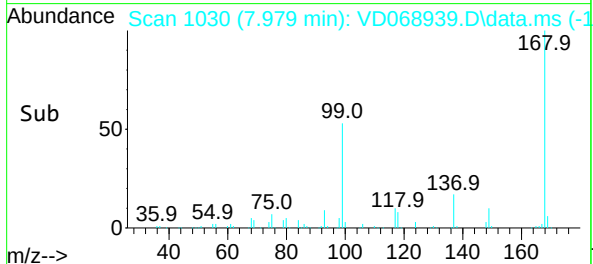
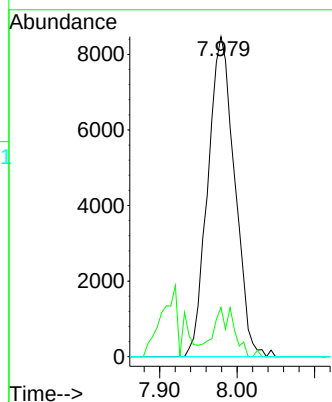
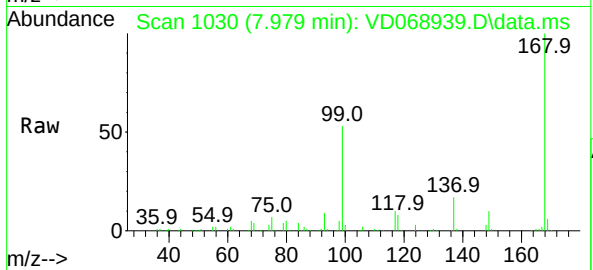




#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

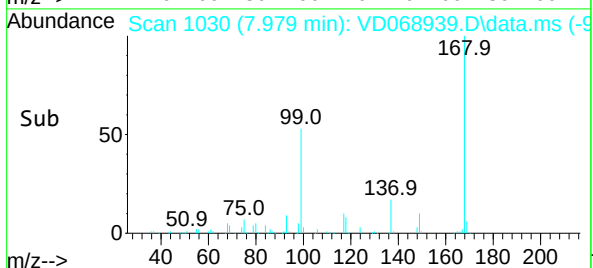
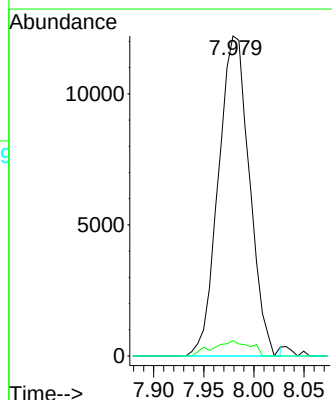
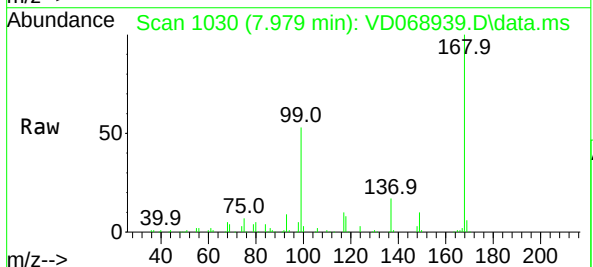
Instrument :
MSVOA_D
ClientSampleId :

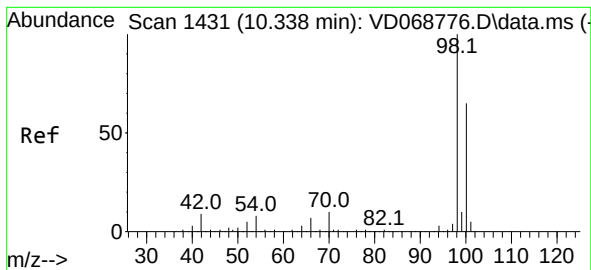
Tgt Ion: 75 Resp: 20406
Ion Ratio Lower Upper
75 100
110 11.9 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion: 117 Resp: 26319
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 26.1 39.1#

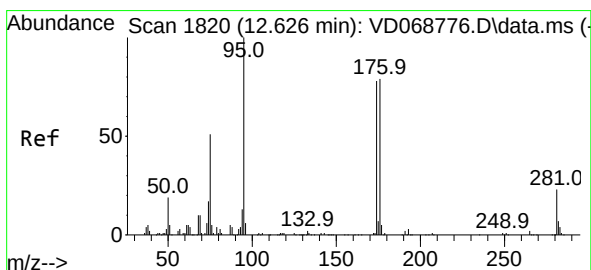
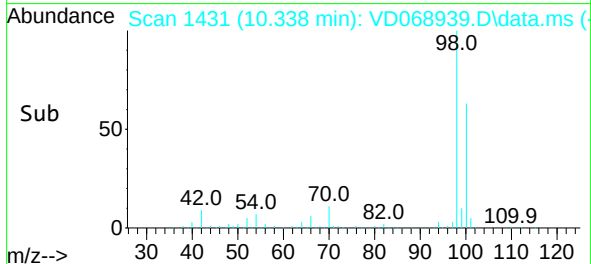
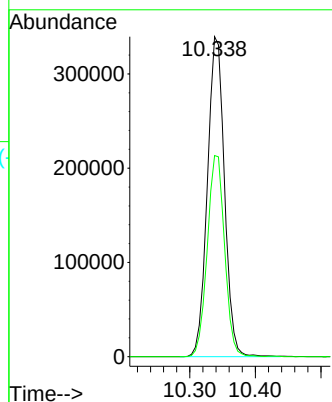
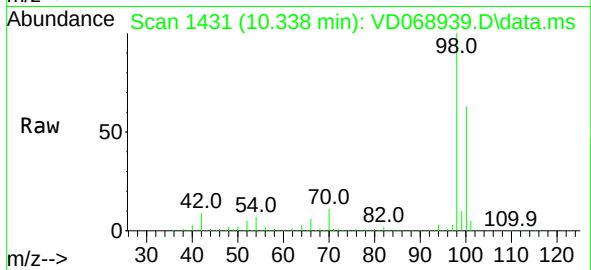




#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

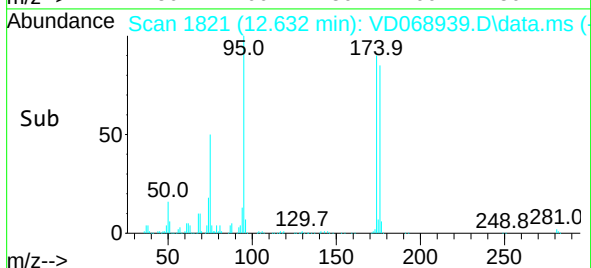
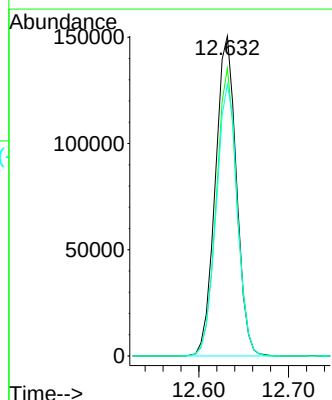
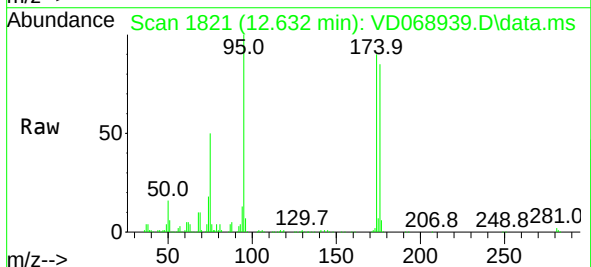
Instrument :
MSVOA_D
ClientSampled :

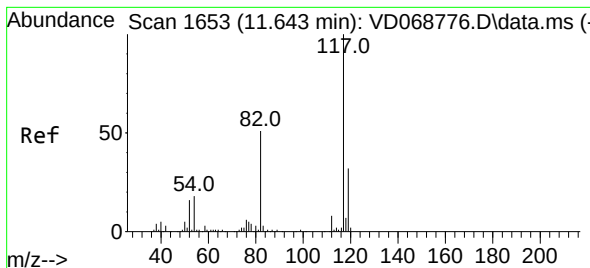
Tgt Ion: 98 Resp: 615684
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion: 95 Resp: 245649
Ion Ratio Lower Upper
95 100
174 87.7 0.0 168.0
176 85.4 0.0 160.2

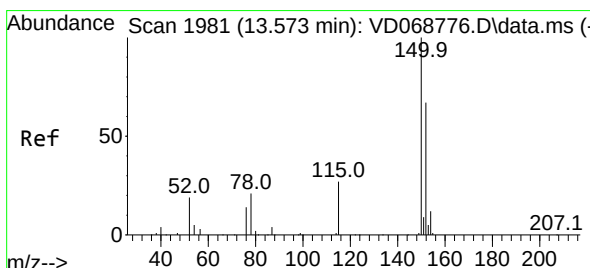
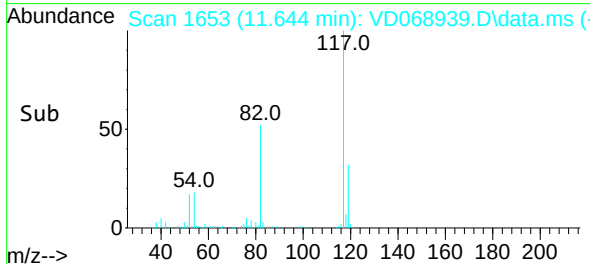
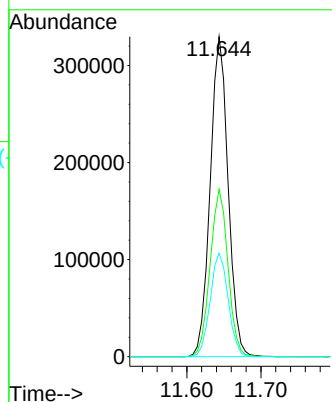
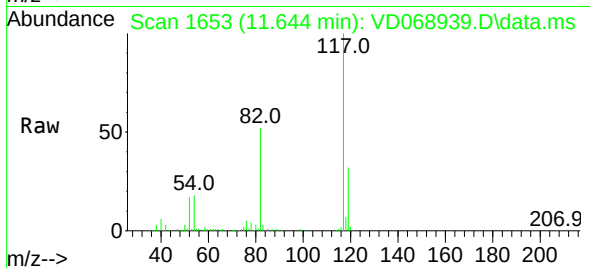




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

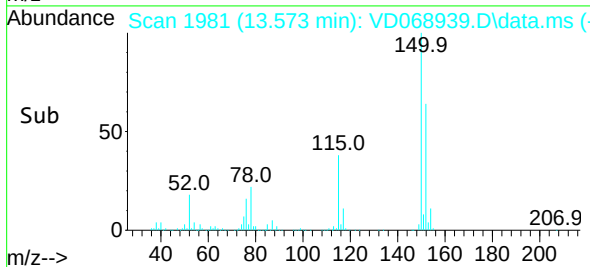
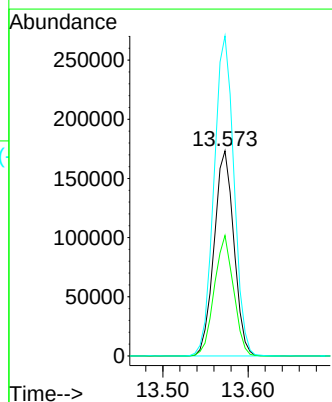
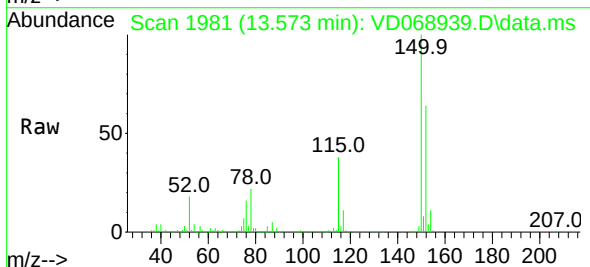
Instrument :
MSVOA_D
ClientSampled :

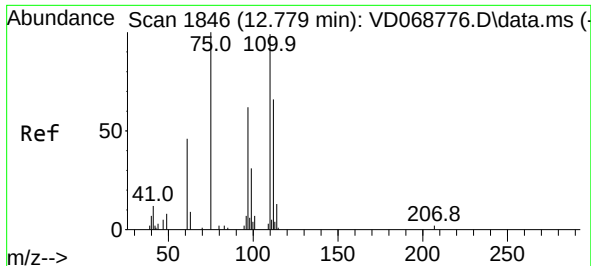
Tgt Ion:117 Resp: 553627
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion:152 Resp: 279714
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 157.4 0.0 347.6

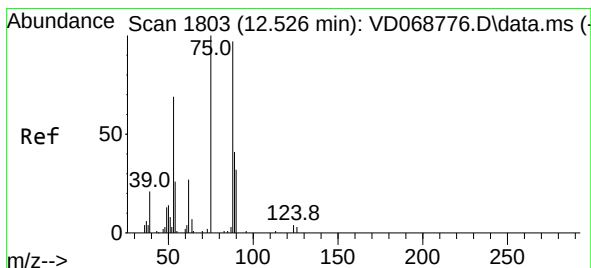
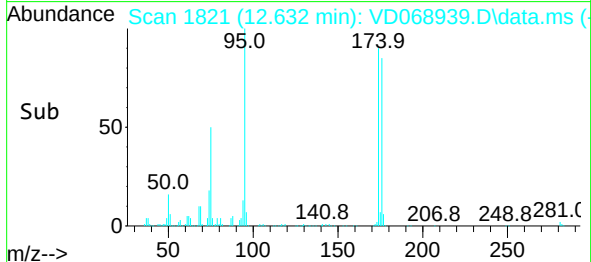
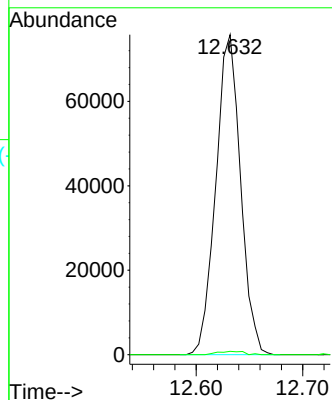
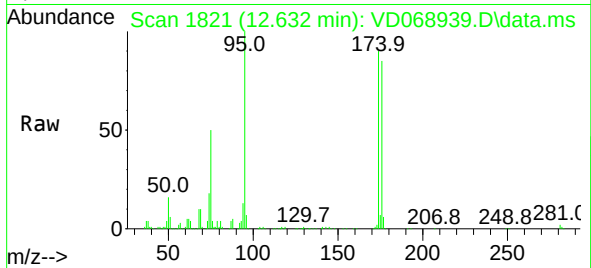




#76
1,2,3-Trichloropropane
Concen: 47.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 122062
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068939.D
Acq: 21 Apr 2021 21:01

Tgt Ion: 75 Resp: 122062
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

