

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068239.D
 Acq On : 29 Jan 2021 14:58
 Operator : VA/SY
 Sample : M1286-04
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:02:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

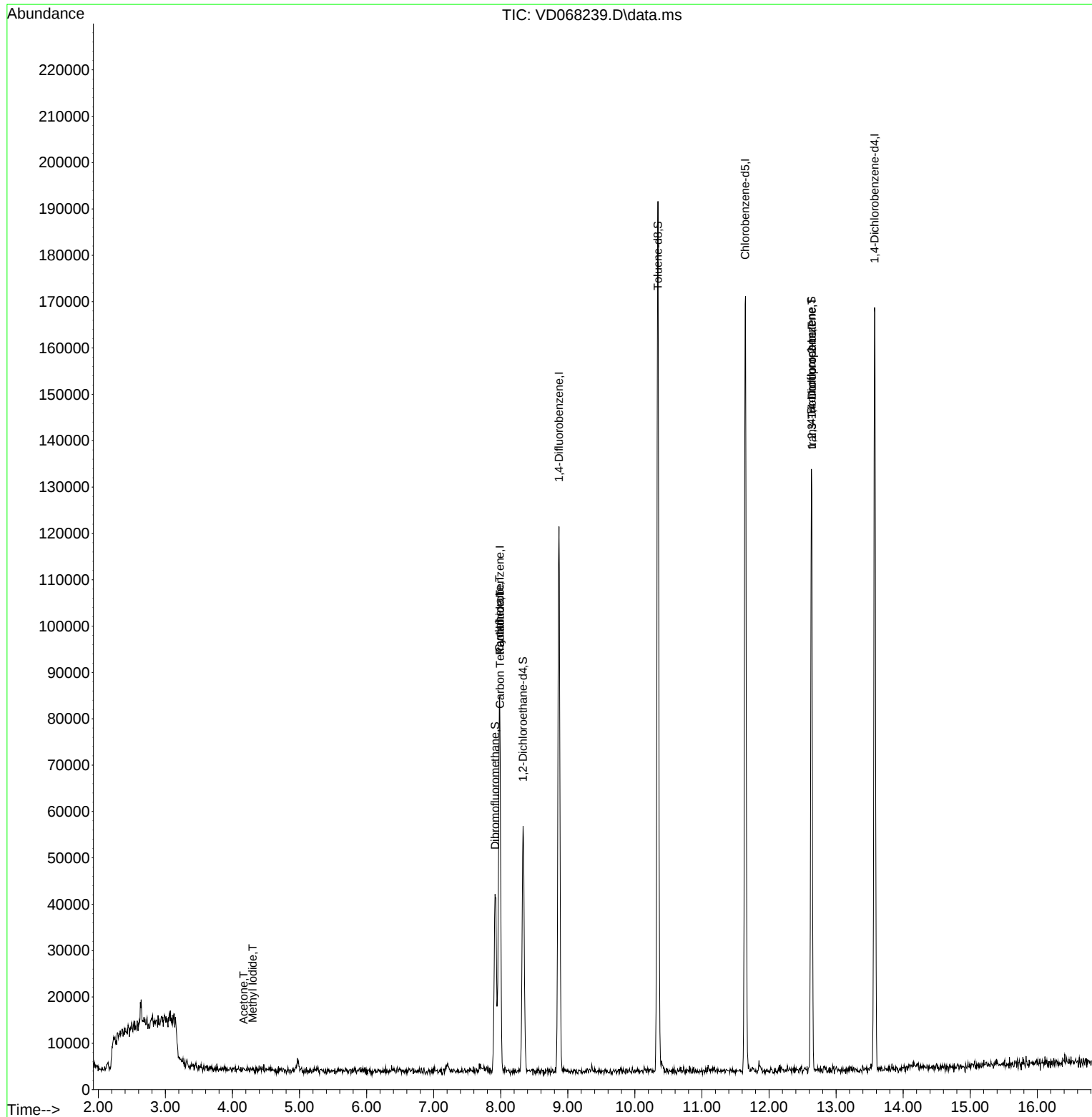
Internal Standards						
1) Pentafluorobenzene	7.985	168	61165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	107249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	100139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	45787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	43281	73.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.94%			
35) Dibromofluoromethane	7.914	113	29349	49.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.00%			
50) Toluene-d8	10.344	98	134789	56.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.66%			
62) 4-Bromofluorobenzene	12.632	95	44760	52.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.82%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	238	3.46	ug/l #	38
16) Acetone	4.168	43	923	8.83	ug/l #	44
20) Methylene Chloride	4.967	84	1468	Below Cal	#	84
31) Cyclohexane	7.979	56	1755	1.39	ug/l #	1
38) Carbon Tetrachloride	7.991	117	5952	5.88	ug/l #	12
76) 1,2,3-Trichloropropane	12.638	75	22975	51.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.638	75	22975	105.01	ug/l #	13

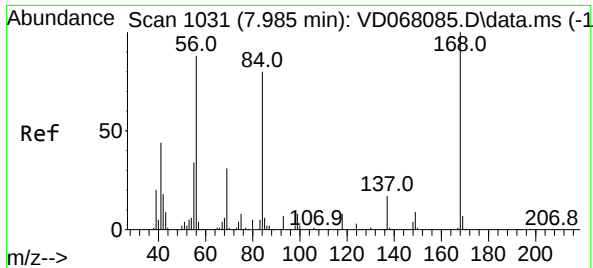
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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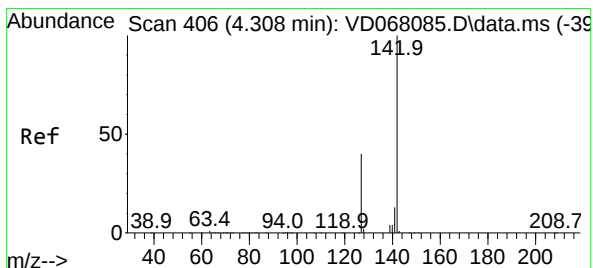
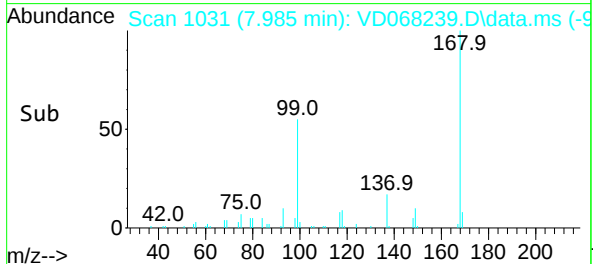
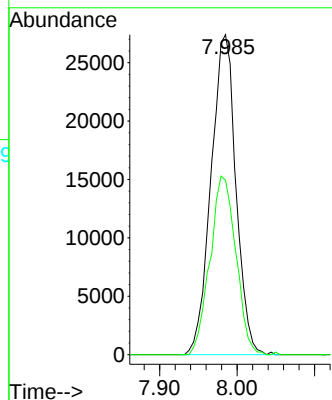
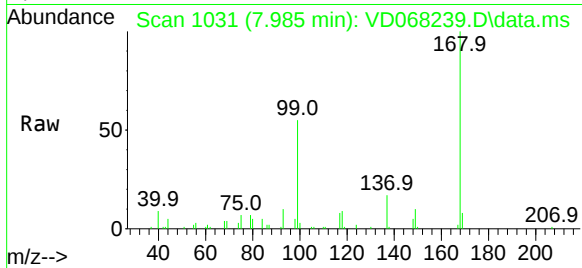




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

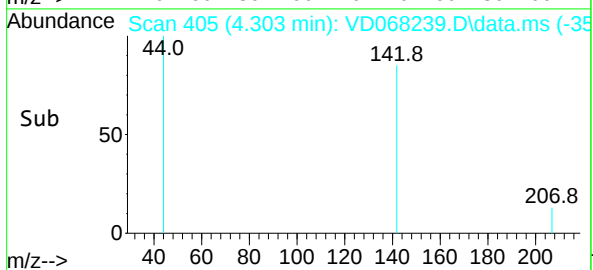
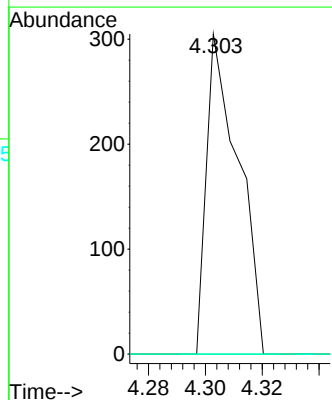
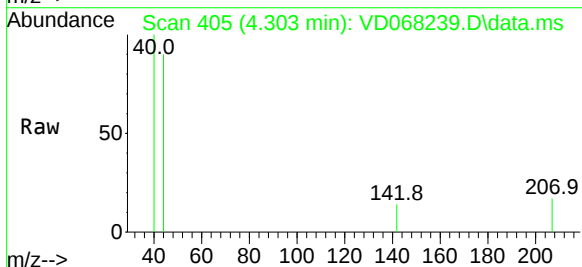
Instrument :
MSVOA_D
ClientSampled :

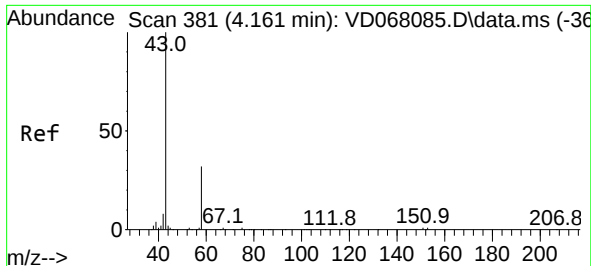
Tgt Ion:168 Resp: 61165
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.46 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

Tgt Ion:142 Resp: 238
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

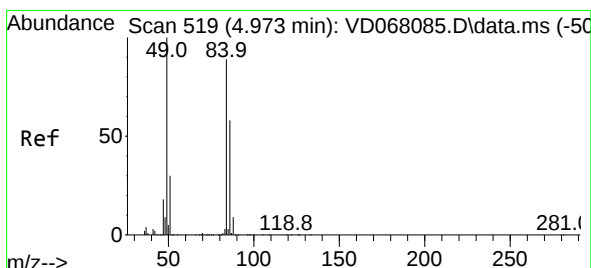
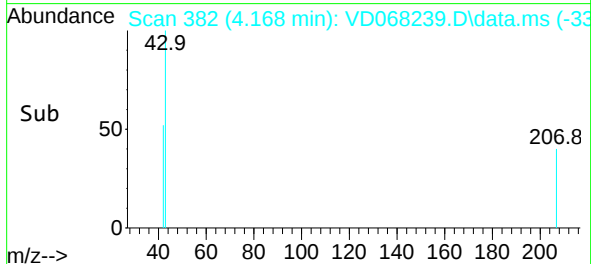
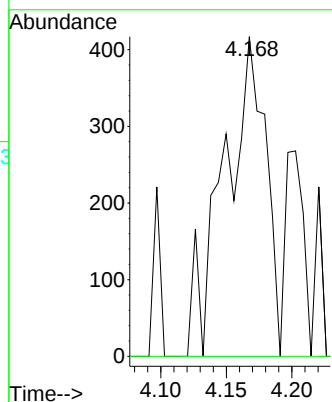
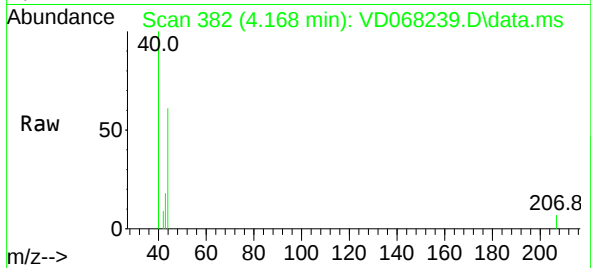




#16
Acetone
Concen: 8.83 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

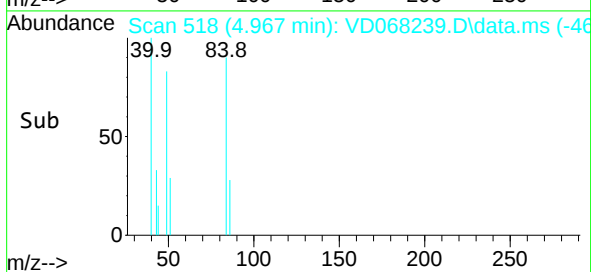
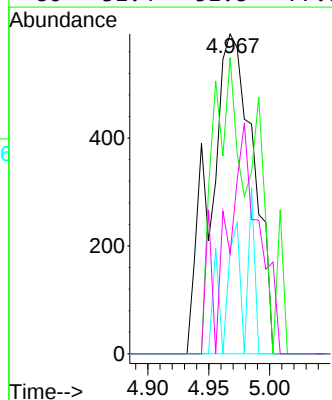
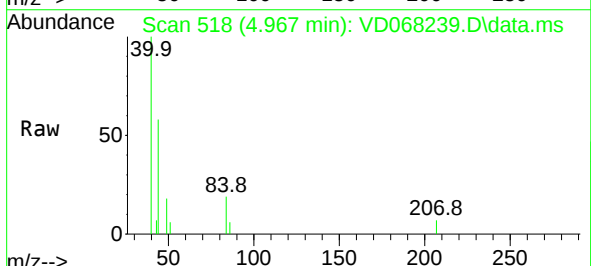
Instrument :
MSVOA_D
ClientSampled :

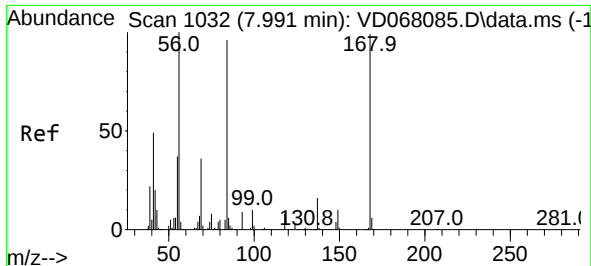
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

Tgt Ion: 84 Resp: 1468
Ion Ratio Lower Upper
84 100
49 92.6 77.4 116.2
51 32.5 26.1 39.1
86 31.4 51.8 77.8#

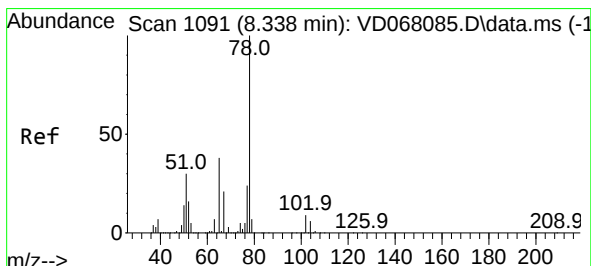
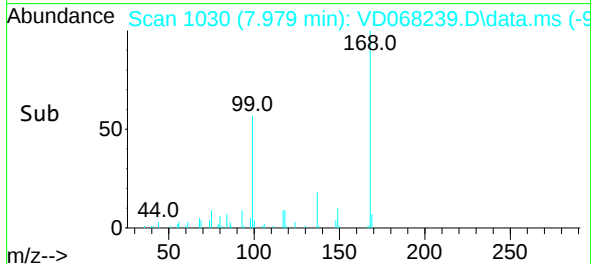
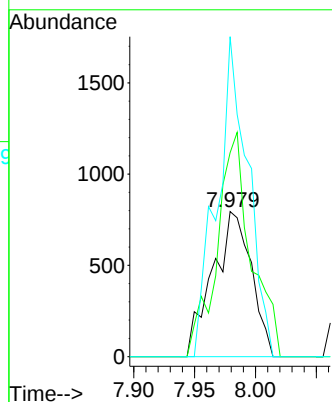
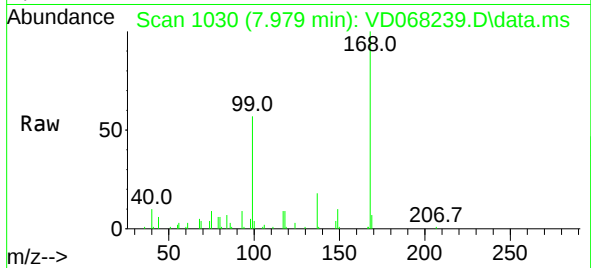




#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

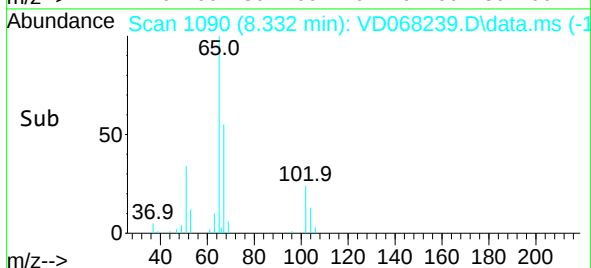
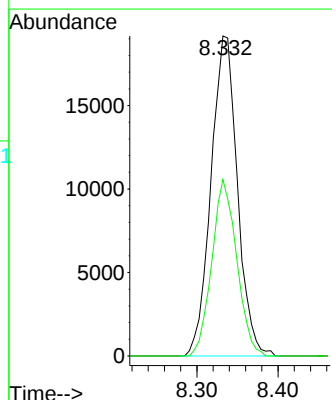
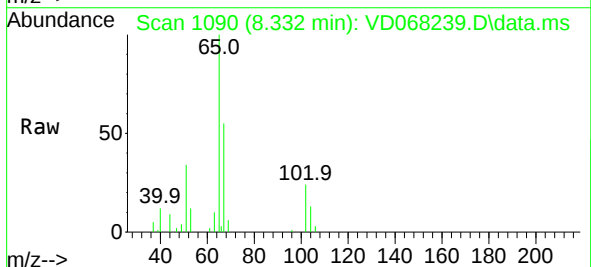
Instrument :
MSVOA_D
ClientSampleId :

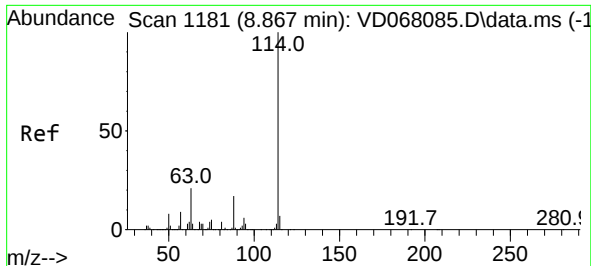
Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
69 140.5 30.1 45.1#
84 220.5 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 73.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

Tgt Ion: 65 Resp: 43281
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068239.D

Acq: 29 Jan 2021 14:58

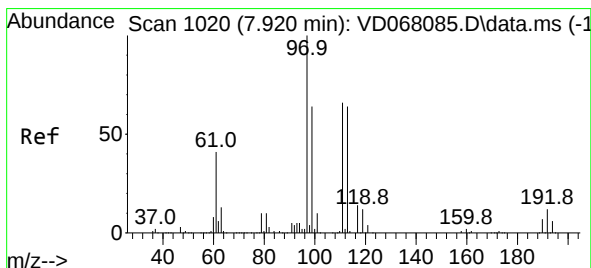
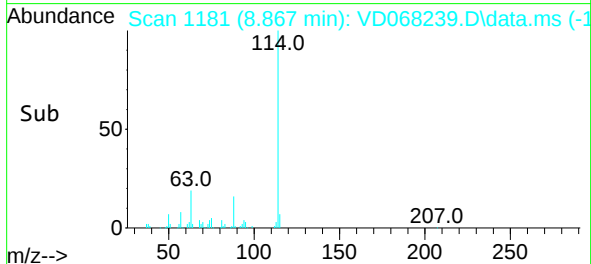
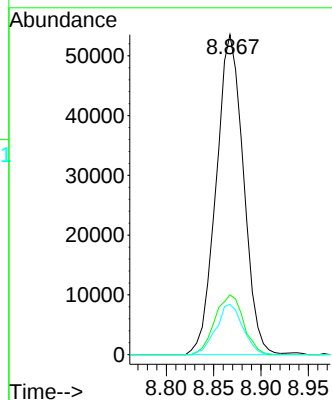
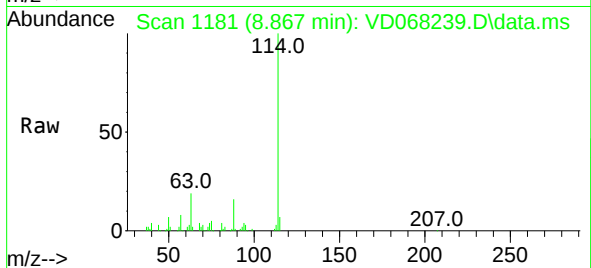
Tgt Ion:114 Resp: 107249

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.50 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068239.D

Acq: 29 Jan 2021 14:58

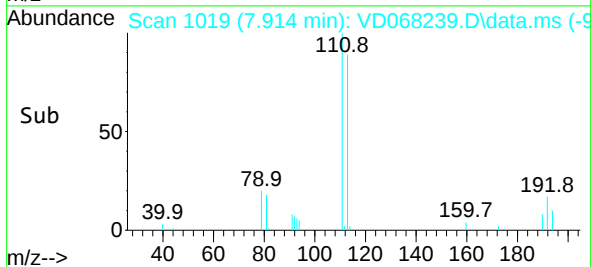
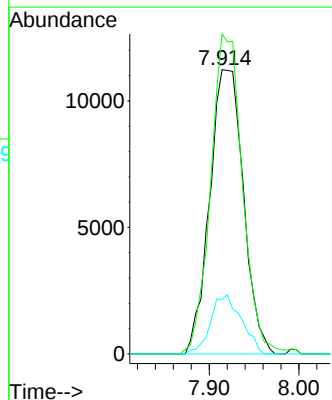
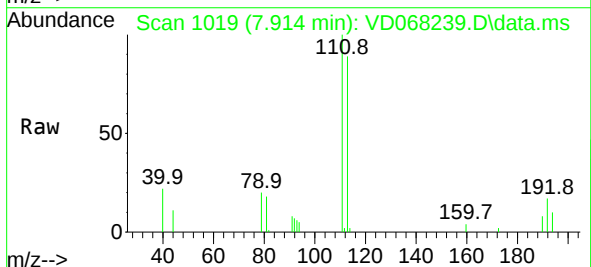
Tgt Ion:113 Resp: 29349

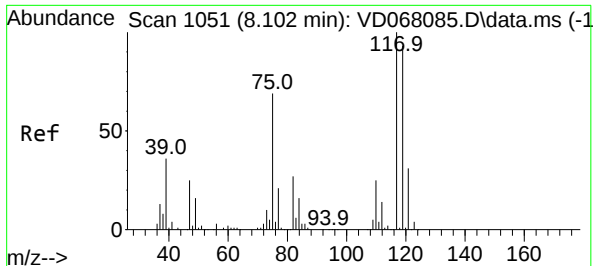
Ion Ratio Lower Upper

113 100

111 106.2 81.4 122.0

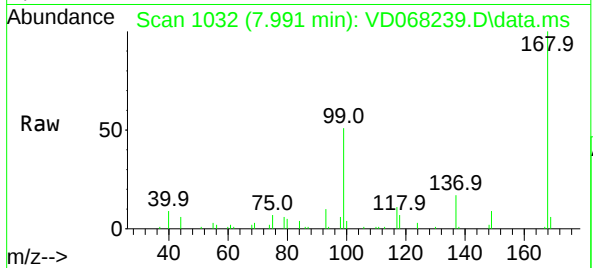
192 19.0 16.1 24.1



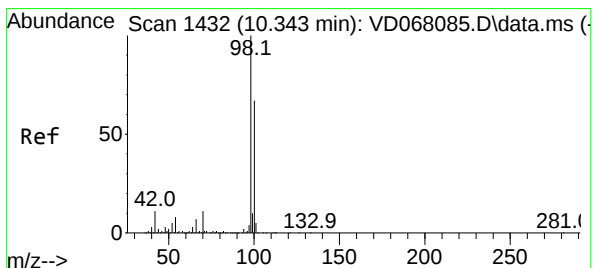
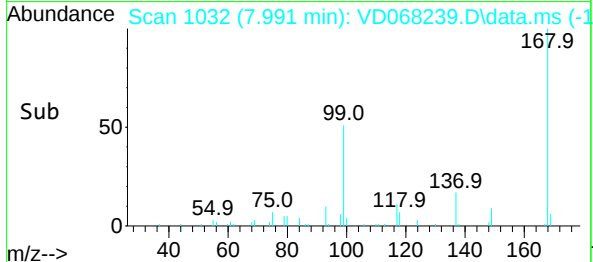
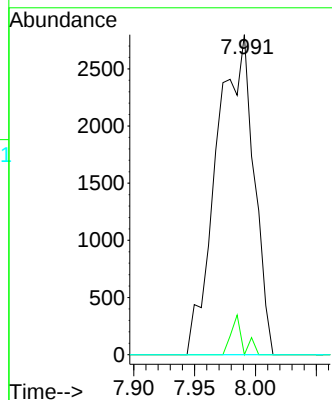


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.111 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

Instrument :
MSVOA_D
ClientSampleId :

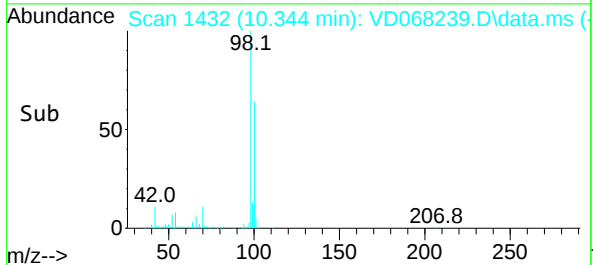
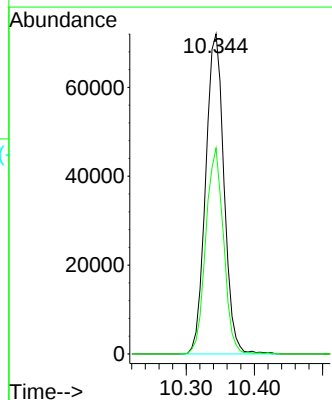
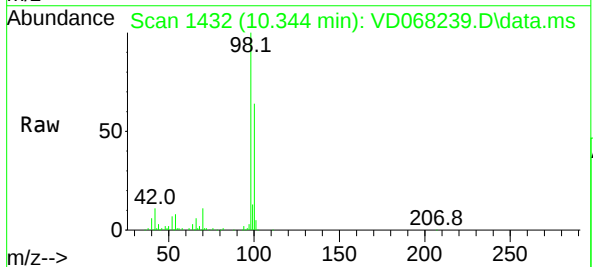


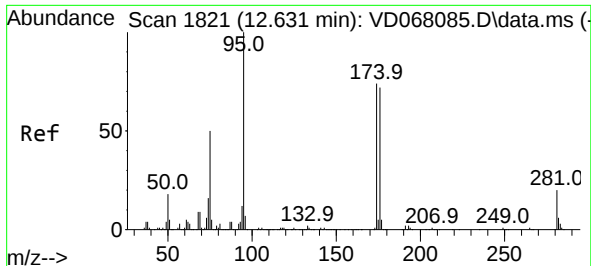
Tgt Ion:117 Resp: 5952
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.83 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

Tgt Ion: 98 Resp: 134789
Ion Ratio Lower Upper
98 100
100 62.4 53.0 79.4

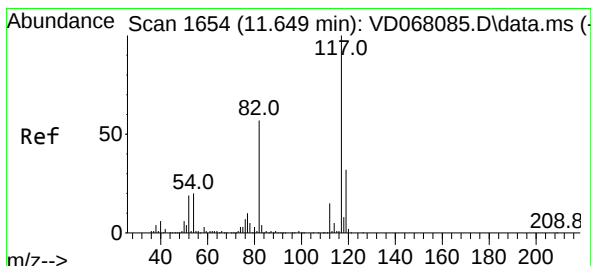
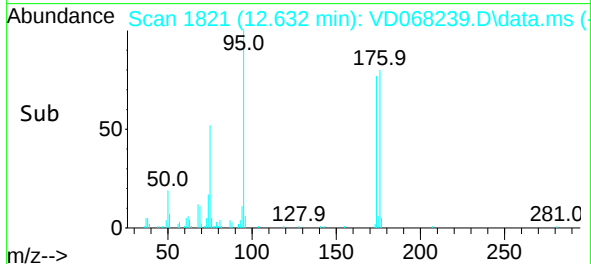
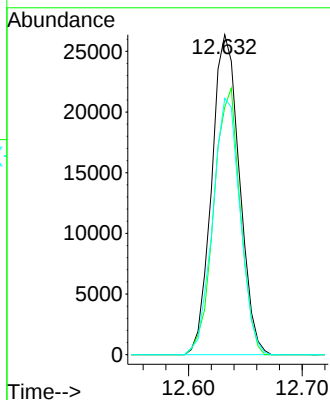
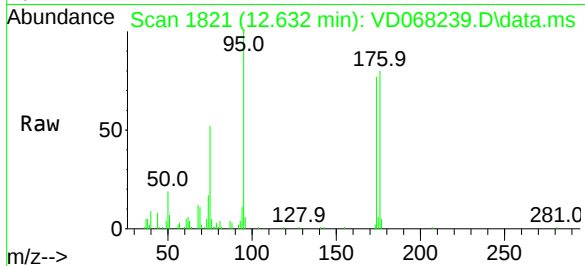




#62
4-Bromofluorobenzene
Concen: 52.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

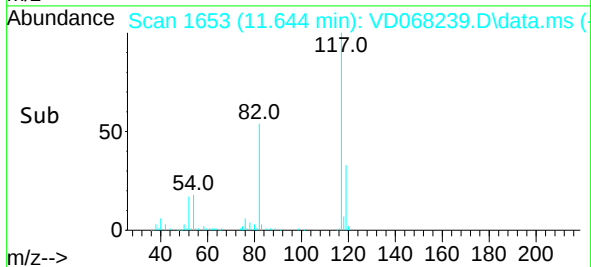
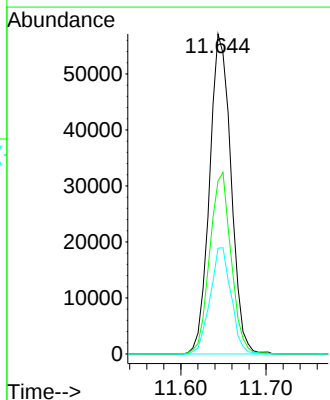
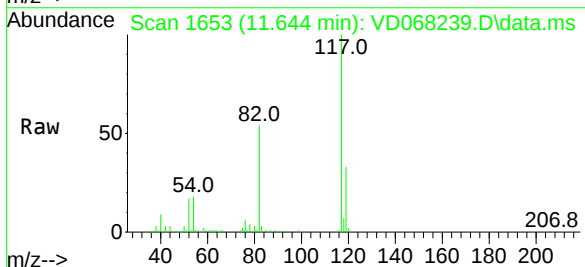
Instrument :
MSVOA_D
ClientSampleId :

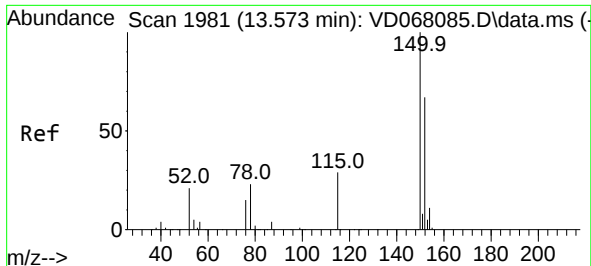
Tgt Ion: 95 Resp: 44760
Ion Ratio Lower Upper
95 100
174 79.1 0.0 172.4
176 79.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

Tgt Ion: 117 Resp: 100139
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 33.1 26.1 39.1

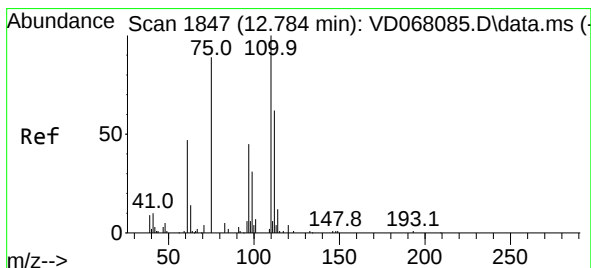
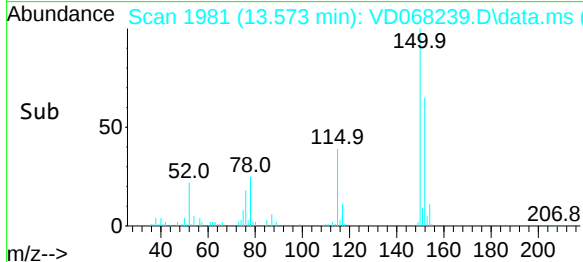
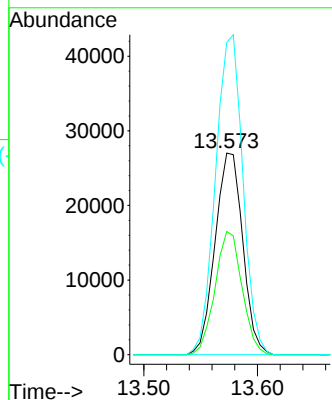
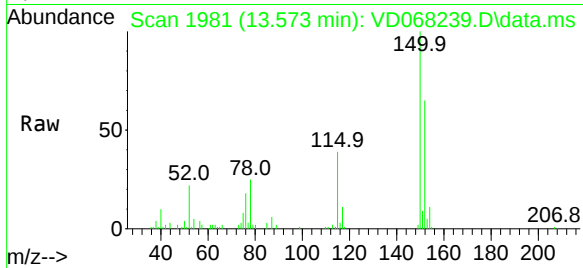




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

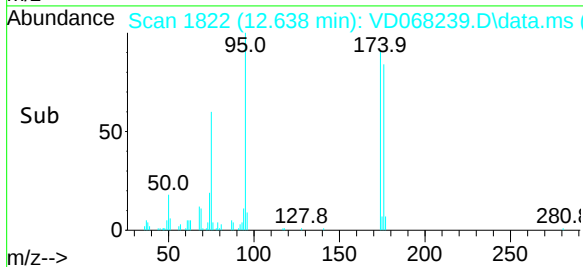
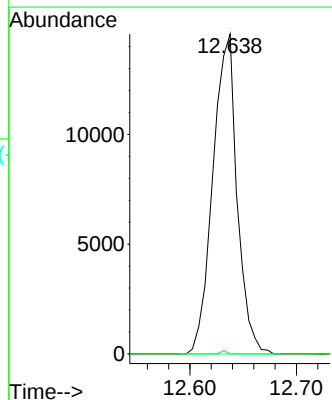
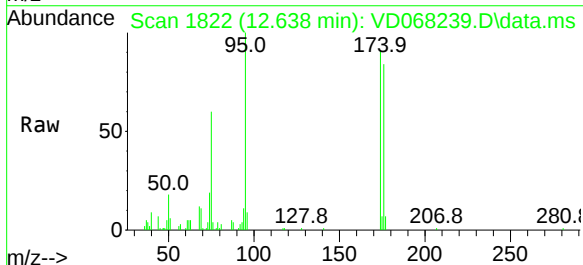
Instrument :
MSVOA_D
ClientSampled :

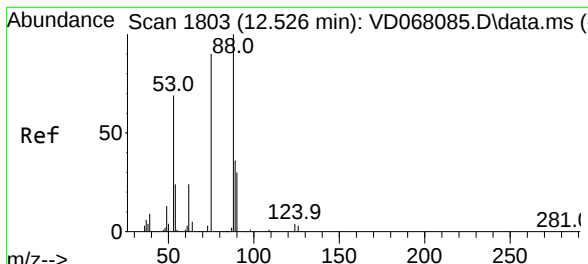
Tgt Ion:152 Resp: 45787
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 156.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.90 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. -0.147 min
Lab File: VD068239.D
Acq: 29 Jan 2021 14:58

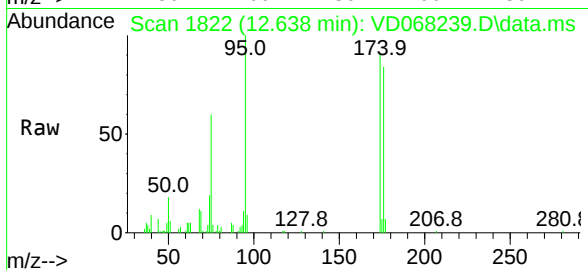
Tgt Ion: 75 Resp: 22975
Ion Ratio Lower Upper
75 100
77 0.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.01 ug/l
 RT: 12.638 min Scan# 1822
 Delta R.T. 0.112 min
 Lab File: VD068239.D
 Acq: 29 Jan 2021 14:58

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.2	105.2#
89	0.0	40.3	60.5#

