

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068238.D
 Acq On : 29 Jan 2021 14:31
 Operator : VA/SY
 Sample : M1286-02
 Misc : 4.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JJ BH 01 0-1

Quant Time: Jan 30 00:02:39 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)

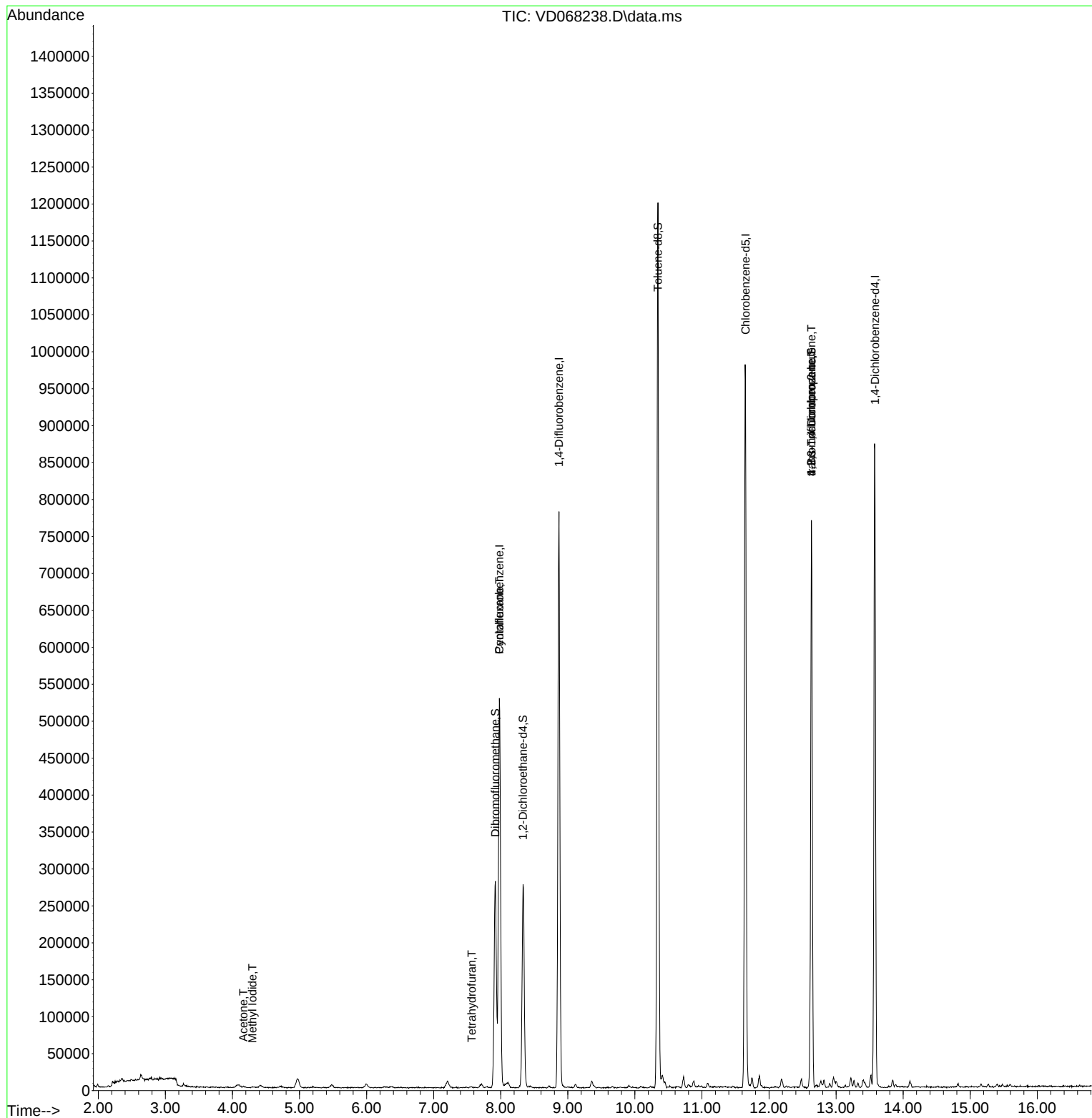
Internal Standards						
1) Pentafluorobenzene	7.979	168	389360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	676813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	591405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	239621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	216321	58.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.16%			
35) Dibromofluoromethane	7.920	113	204316	54.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.20%			
50) Toluene-d8	10.344	98	840274	56.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.28%			
62) 4-Bromofluorobenzene	12.632	95	260055	48.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.50%			
Target Compounds						
10) Methyl Iodide	4.297	142	1006	3.36	ug/l #	48
11) Tert butyl alcohol	5.220	59	277	Below Cal	#	74
16) Acetone	4.162	43	2749	4.13	ug/l	94
20) Methylene Chloride	4.968	84	10980	Below Cal		92
29) Tetrahydrofuran	7.567	42	817	1.26	ug/l #	54
31) Cyclohexane	7.979	56	11641	1.44	ug/l #	30
76) 1,2,3-Trichloropropane	12.632	75	130908	56.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	130908	114.33	ug/l #	13

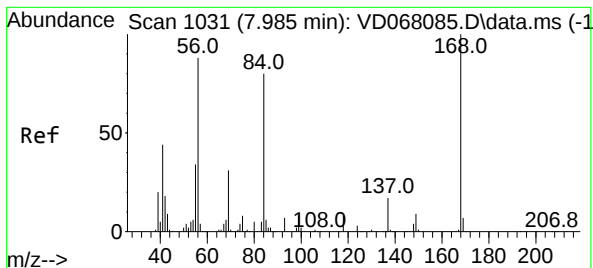
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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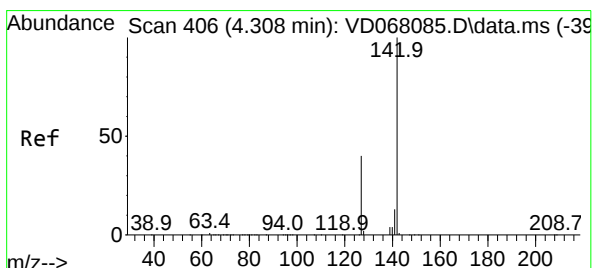
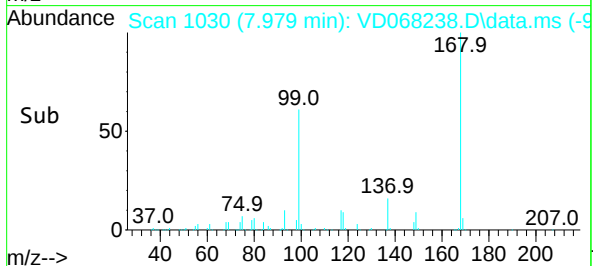
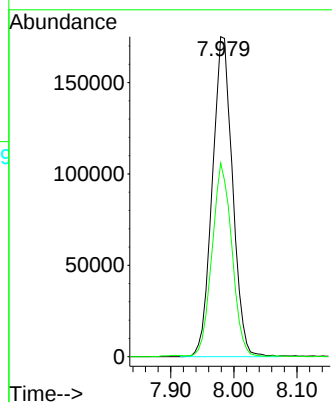
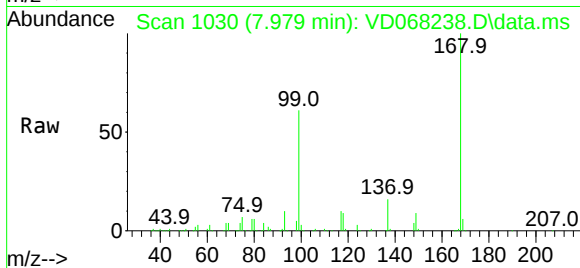




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

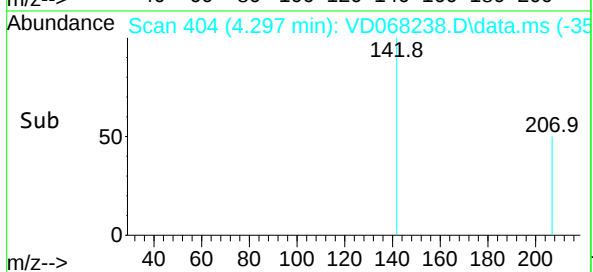
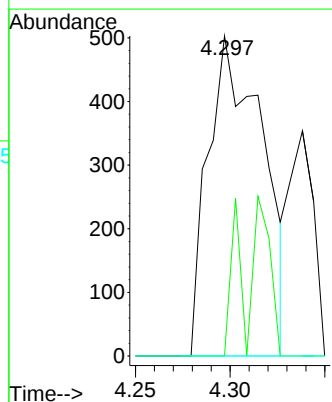
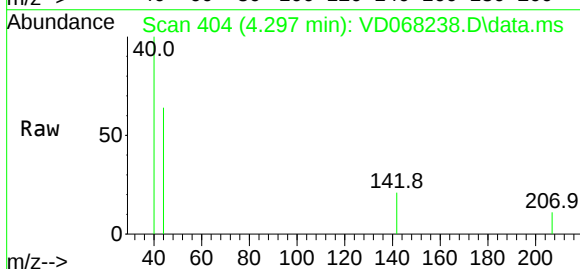
Instrument :
MSVOA_D
ClientSampleId :
JJ BH 01 0-1

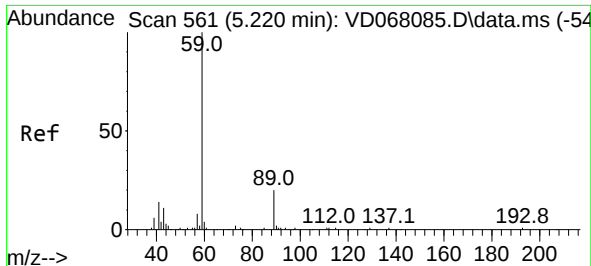
Tgt Ion:168 Resp: 389360
Ion Ratio Lower Upper
168 100
99 60.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Tgt Ion:142 Resp: 1006
Ion Ratio Lower Upper
142 100
127 8.6 37.9 56.9#
141 0.0 11.5 17.3#



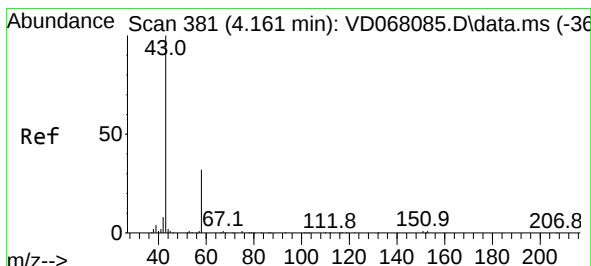
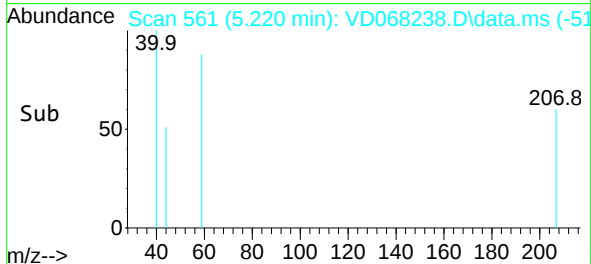
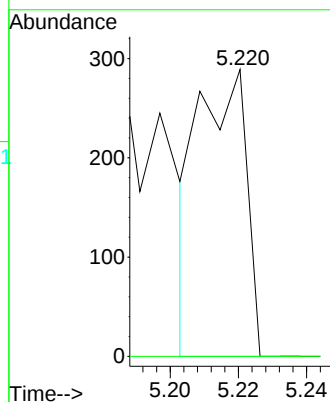
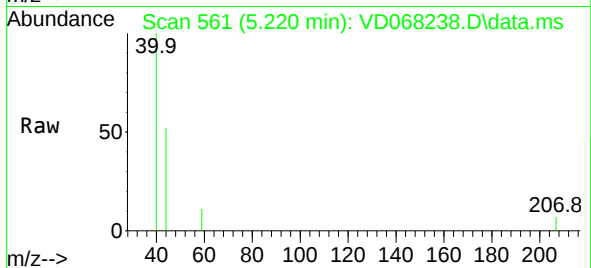


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
JJ BH 01 0-1

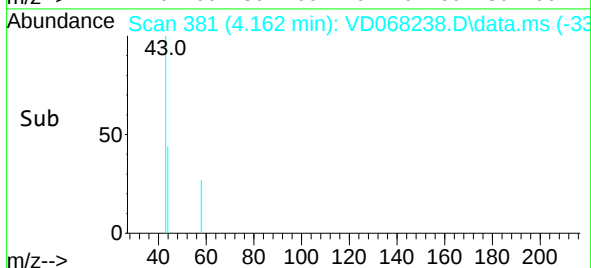
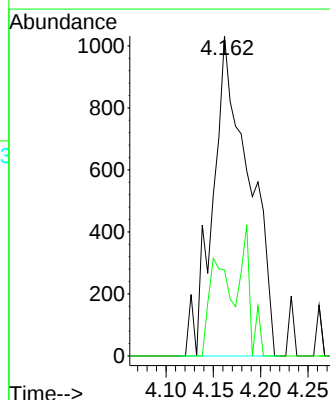
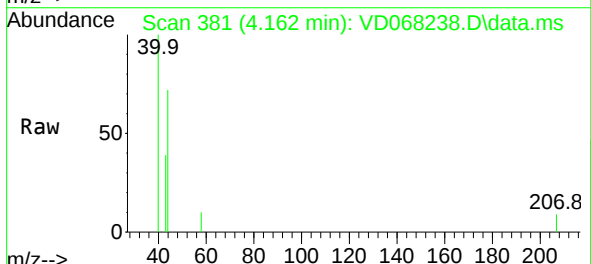
Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

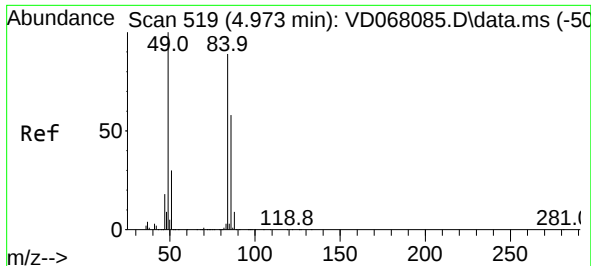


#16

Acetone
Concen: 4.13 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.4



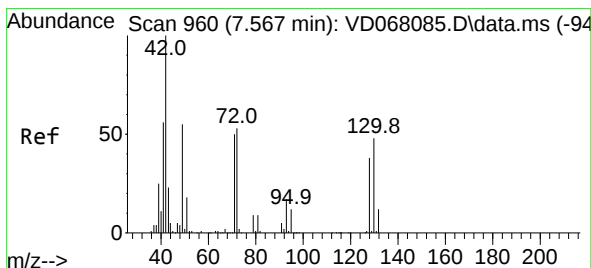
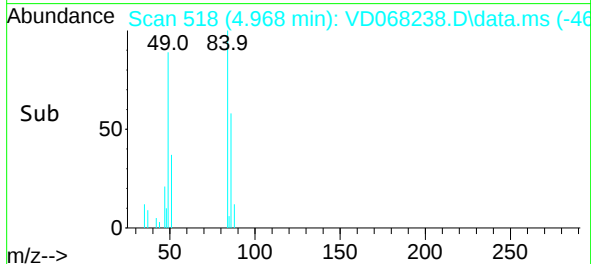
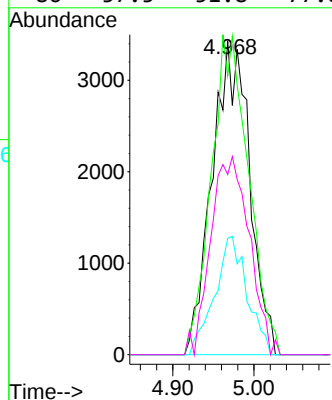
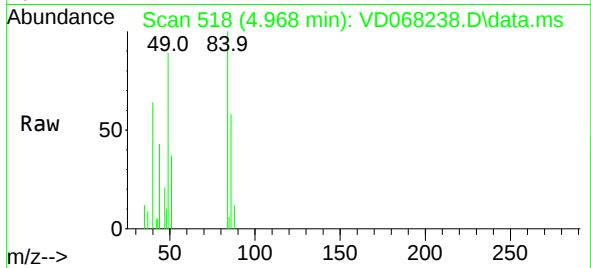


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_01_0-1

Tgt Ion: 84 Resp: 10980

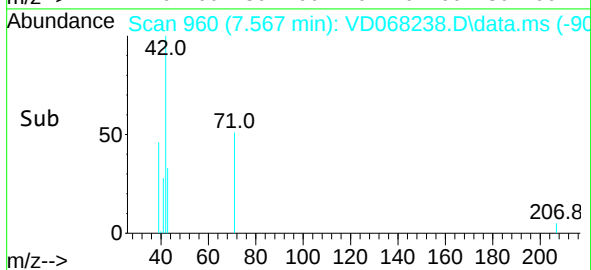
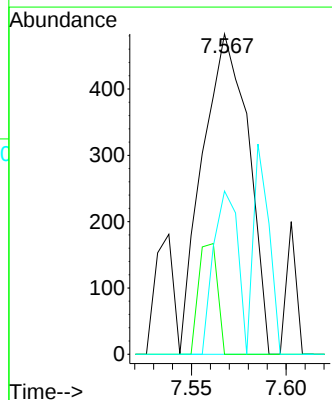
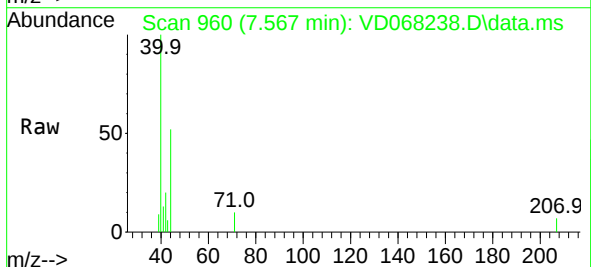
Ion	Ratio	Lower	Upper
84	100		
49	89.0	77.4	116.2
51	37.1	26.1	39.1
86	57.5	51.8	77.8

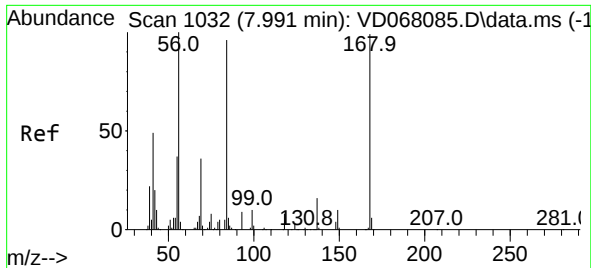


#29
Tetrahydrofuran
Concen: 1.26 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Tgt Ion: 42 Resp: 817

Ion	Ratio	Lower	Upper
42	100		
72	14.2	43.4	65.0#
71	26.8	40.8	61.2#

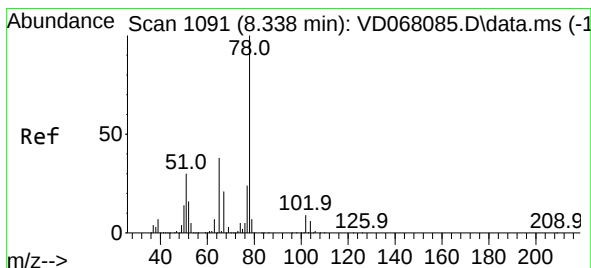
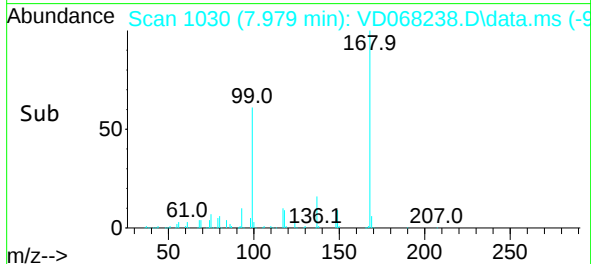
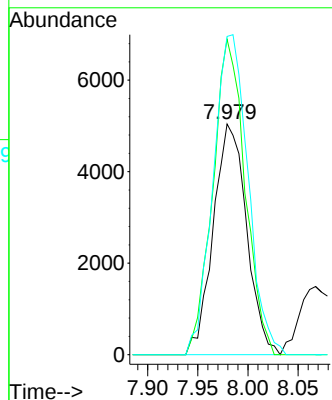
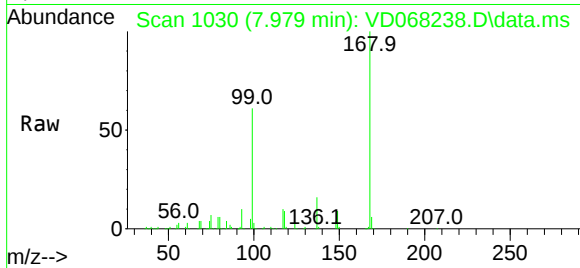




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

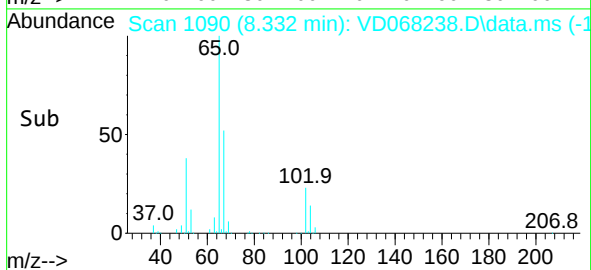
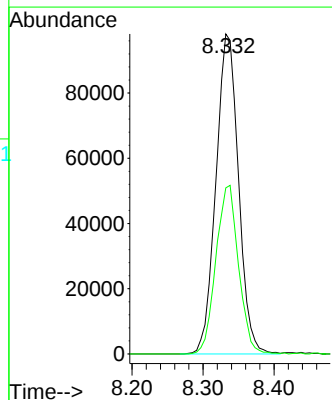
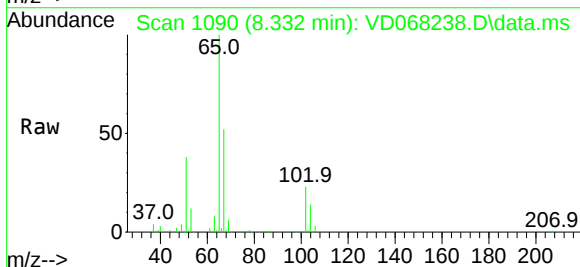
Instrument :
MSVOA_D
ClientSampleId :
JJ BH 01 0-1

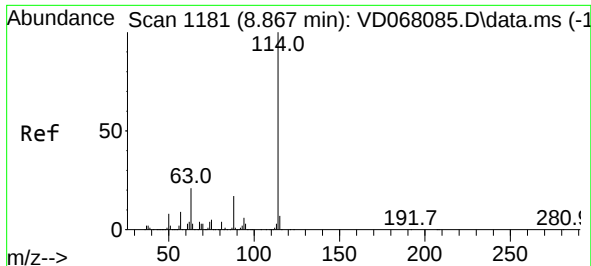
Tgt Ion: 56 Resp: 11641
Ion Ratio Lower Upper
56 100
69 136.7 30.1 45.1#
84 137.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 58.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Tgt Ion: 65 Resp: 216321
Ion Ratio Lower Upper
65 100
67 52.8 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: VD068238.D

Acq: 29 Jan 2021 14:31

Tgt Ion:114 Resp: 676813

Ion Ratio Lower Upper

114 100

63 20.0 0.0 34.8

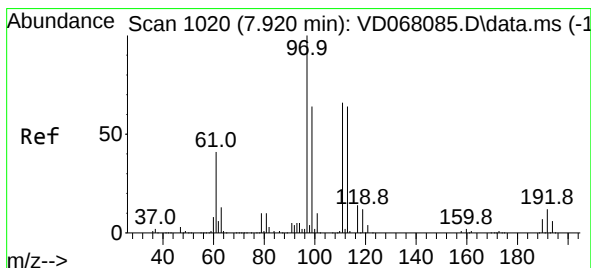
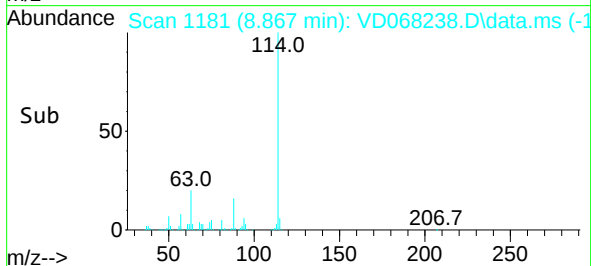
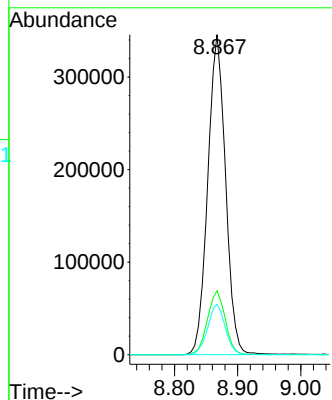
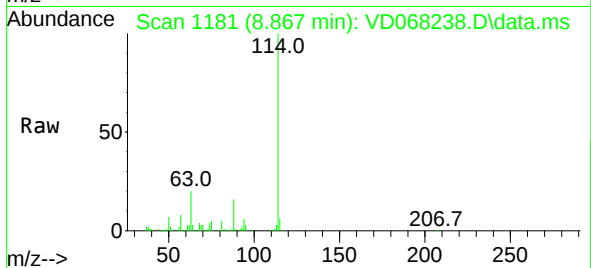
88 15.7 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

JJ BH 01 0-1



#35

Dibromofluoromethane

Concen: 54.60 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068238.D

Acq: 29 Jan 2021 14:31

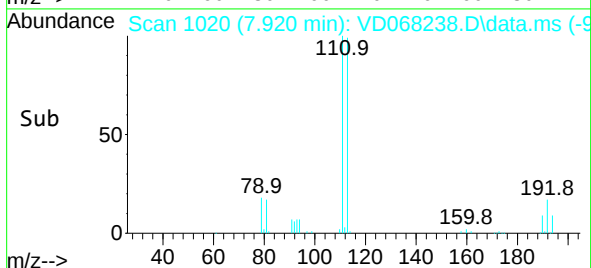
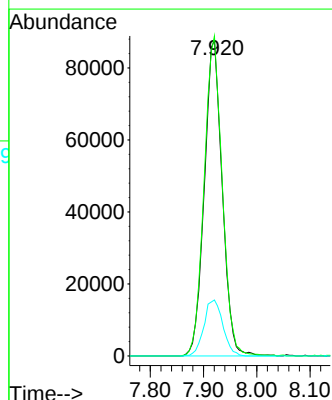
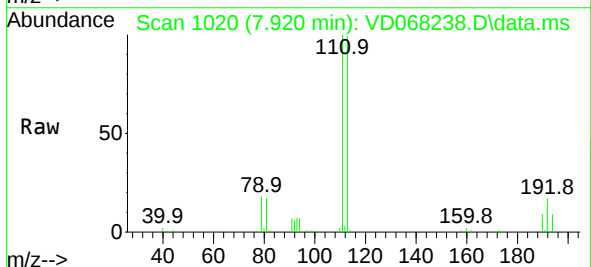
Tgt Ion:113 Resp: 204316

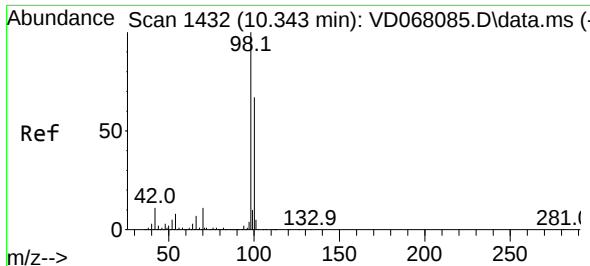
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.9 16.1 24.1

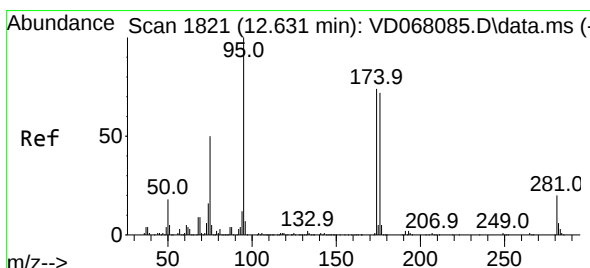
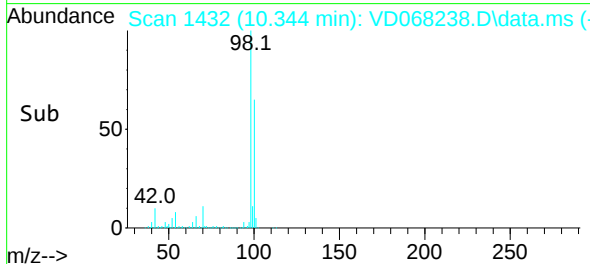
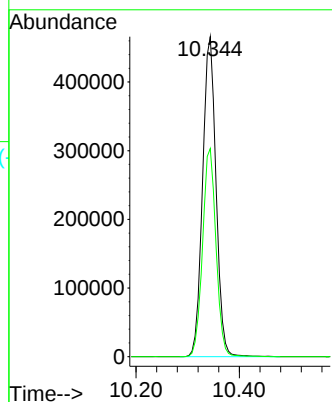
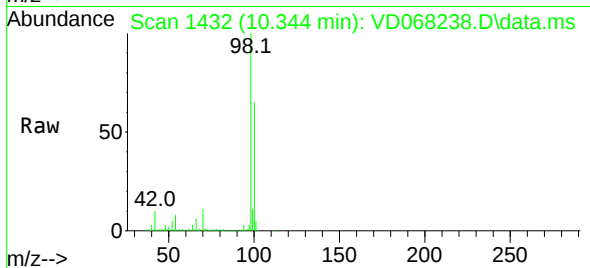




#50
Toluene-d8
Concen: 56.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

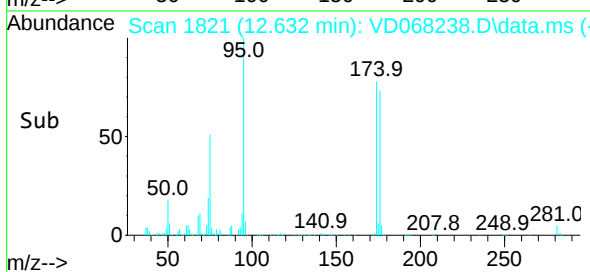
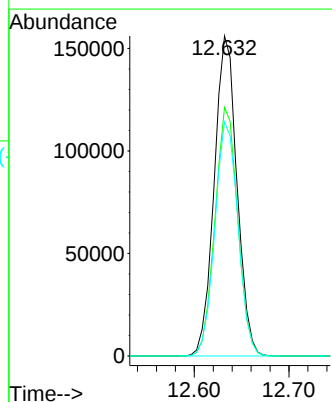
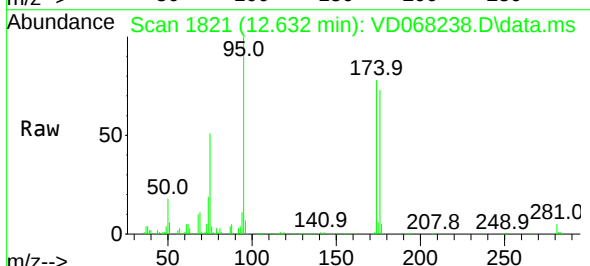
Instrument :
MSVOA_D
ClientSampleId :
JJ BH 01 0-1

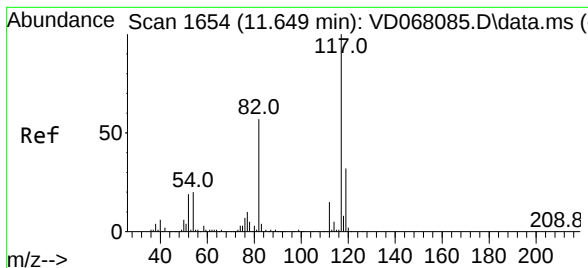
Tgt Ion: 98 Resp: 840274
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

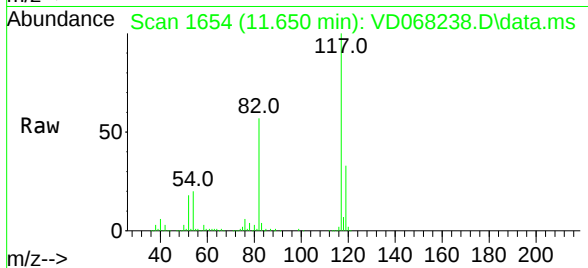
Tgt Ion: 95 Resp: 260055
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.4 0.0 168.4



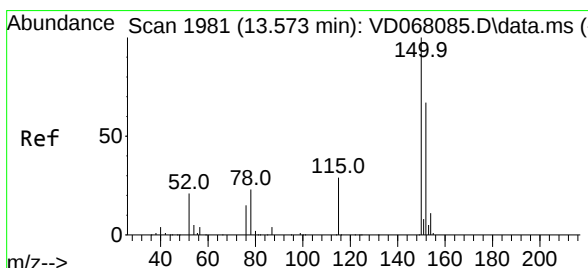
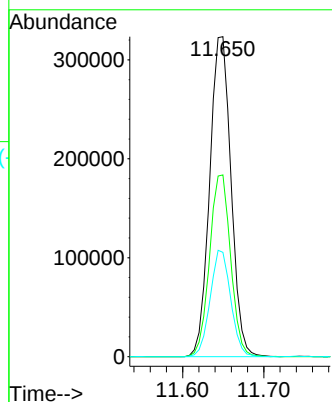
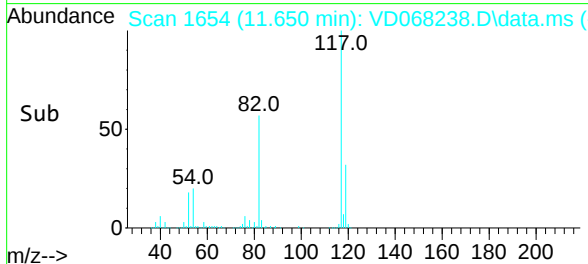


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

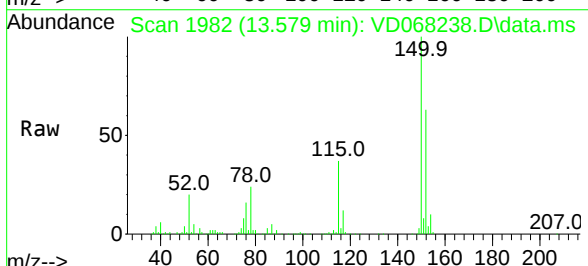
Instrument :
MSVOA_D
ClientSampleId :
JJ BH 01 0-1



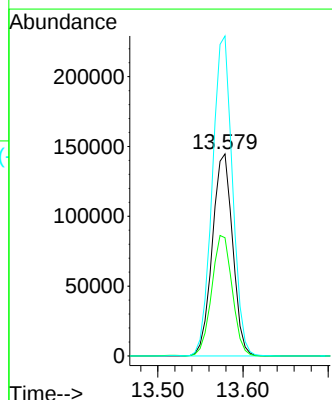
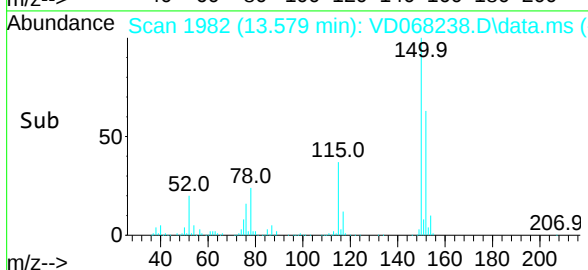
Tgt Ion:117 Resp: 591405
Ion Ratio Lower Upper
117 100
82 56.8 41.4 62.0
119 32.6 26.1 39.1

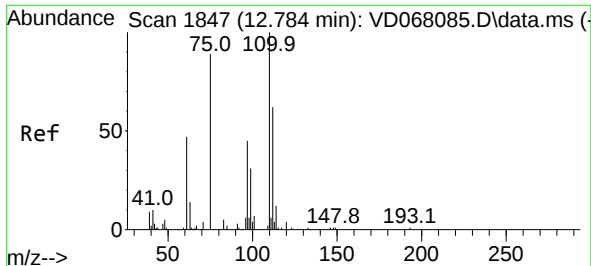


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31



Tgt Ion:152 Resp: 239621
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 157.0 0.0 344.4

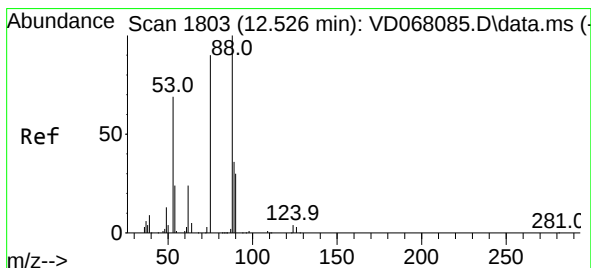
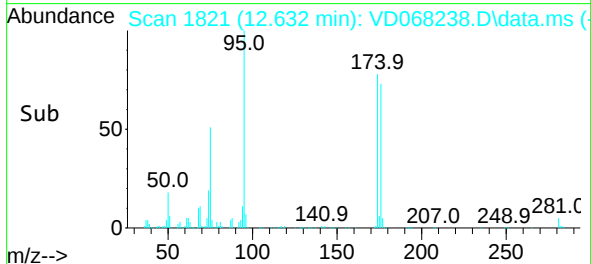
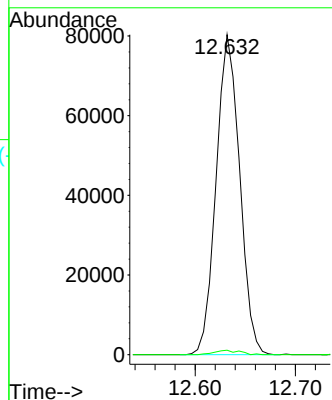
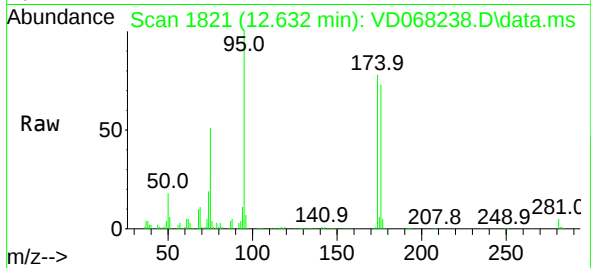




#76
1,2,3-Trichloropropane
Concen: 56.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
JJ BH 01 0-1

Tgt Ion: 75 Resp: 130908
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068238.D
Acq: 29 Jan 2021 14:31

Tgt Ion: 75 Resp: 130908
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

