

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068685.D
 Acq On : 26 Mar 2021 15:36
 Operator : VA/SY
 Sample : M1813-04
 Misc : 4.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236

Quant Time: Mar 27 00:44:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

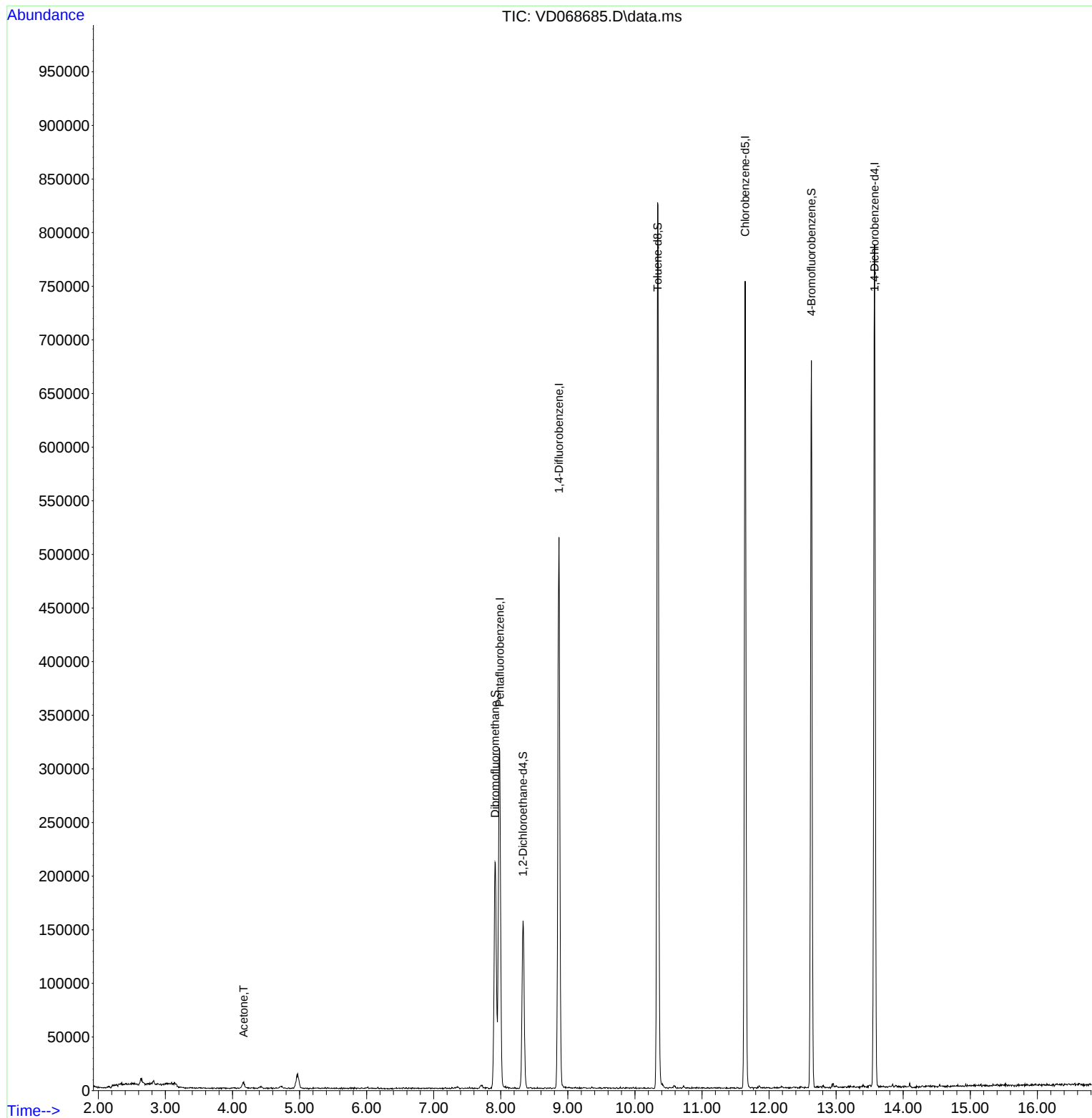
Internal Standards						
1) Pentafluorobenzene	7.985	168	246991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	465125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	450489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	217752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	123771	49.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.40%
35) Dibromofluoromethane	7.914	113	151684	52.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.82%
50) Toluene-d8	10.338	98	590829	52.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.90%
62) 4-Bromofluorobenzene	12.632	95	202988	56.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.22%
Target Compounds					Qvalue	
16) Acetone	4.167	43	8973	29.70	ug/l	94

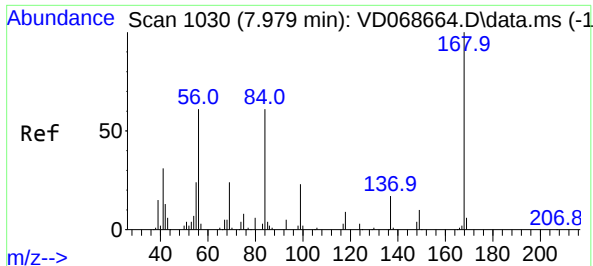
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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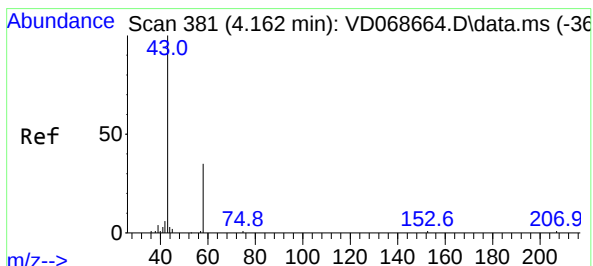
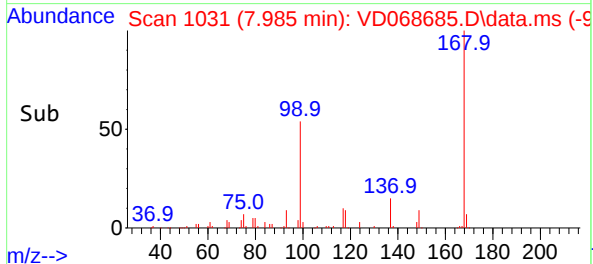
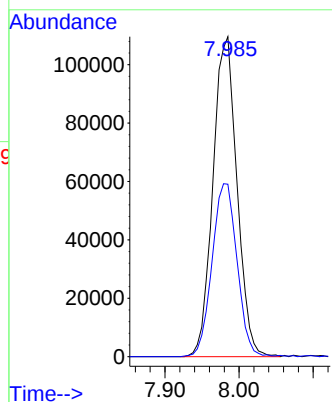
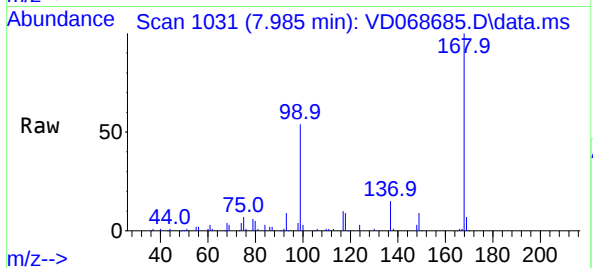




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

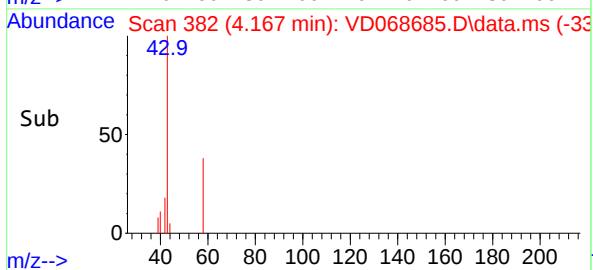
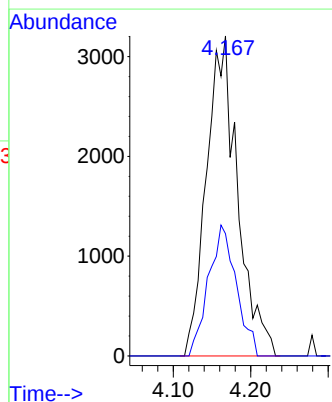
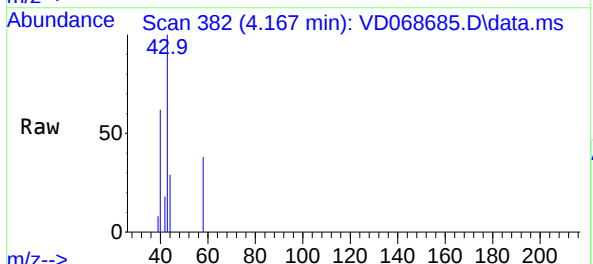
Instrument :
MSVOA_D
ClientSampled :
VNJ-236

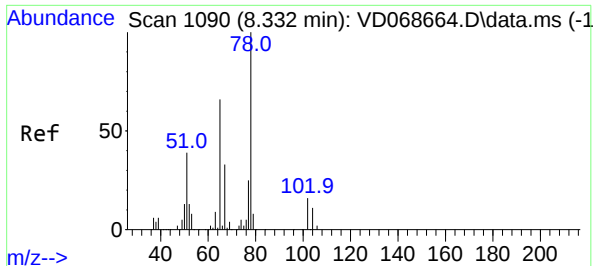
Tgt Ion:168 Resp: 246991
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#16
Acetone
Concen: 29.70 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

Tgt Ion: 43 Resp: 8973
Ion Ratio Lower Upper
43 100
58 38.2 28.0 42.0

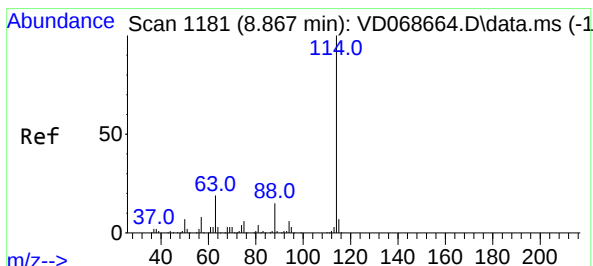
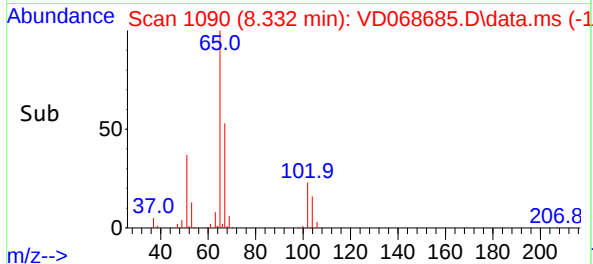
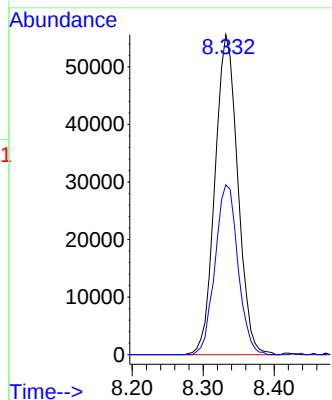
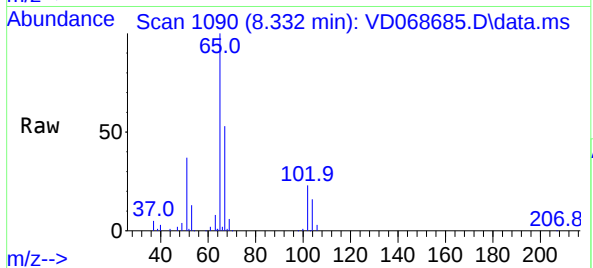




#33
1,2-Dichloroethane-d4
Concen: 49.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

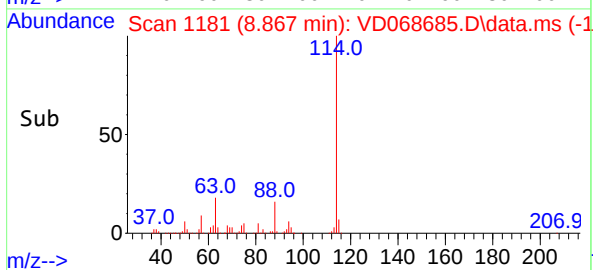
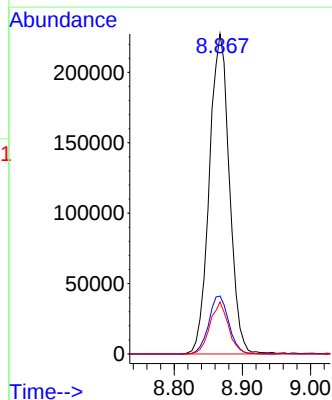
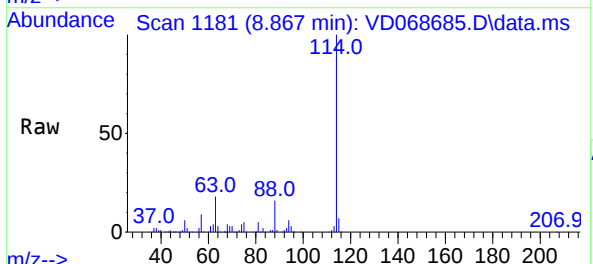
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

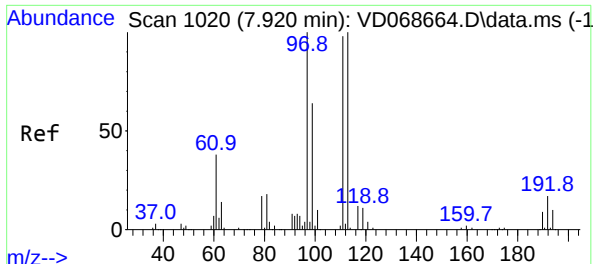
Tgt Ion: 65 Resp: 123771
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

Tgt Ion: 114 Resp: 465125
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 16.2 0.0 29.4

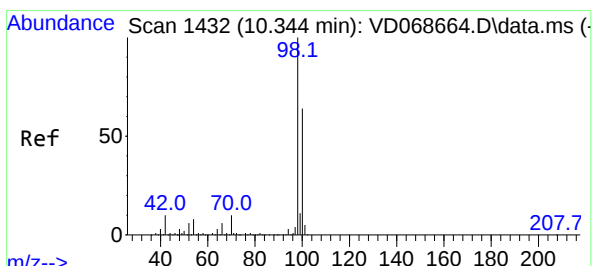
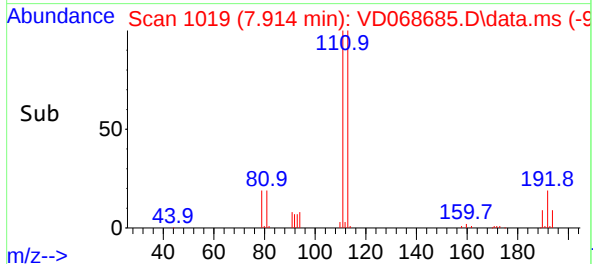
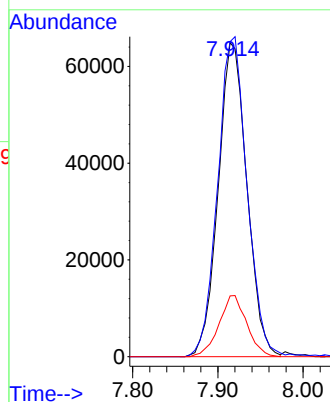
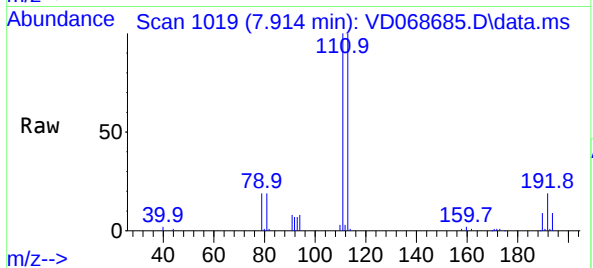




#35
Dibromofluoromethane
Concen: 52.41 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

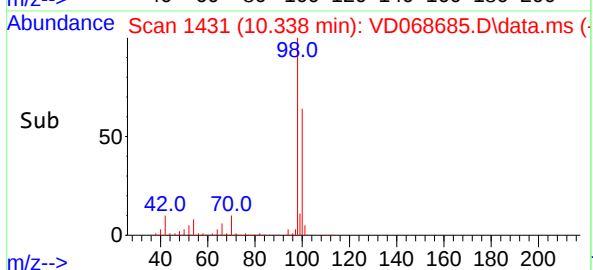
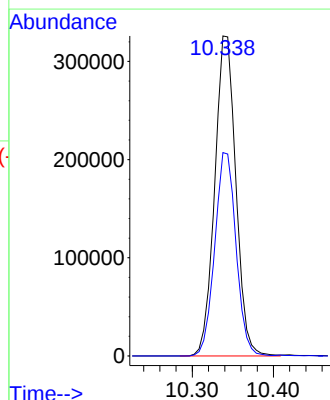
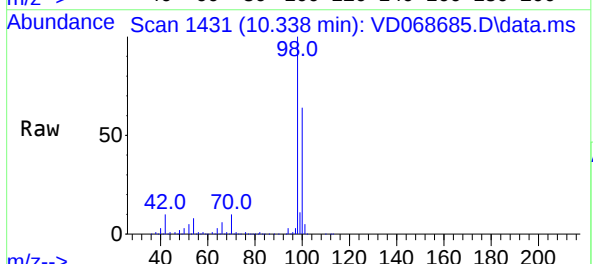
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

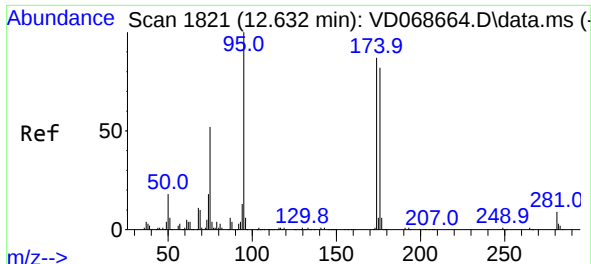
Tgt Ion:113 Resp: 151684
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 18.9 15.1 22.7



#50
Toluene-d8
Concen: 52.95 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

Tgt Ion: 98 Resp: 590829
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

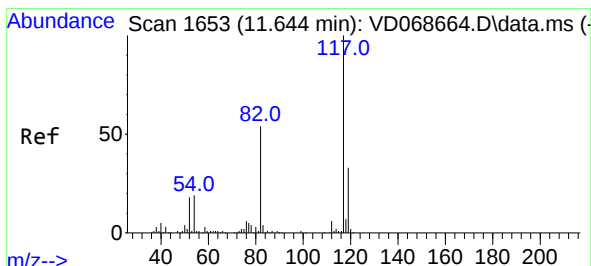
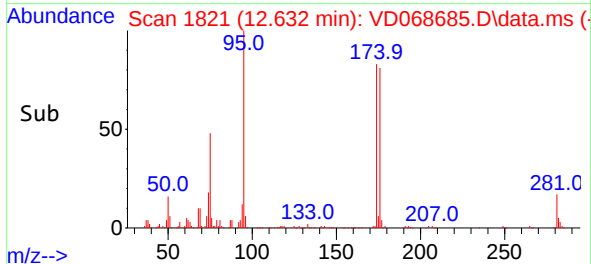
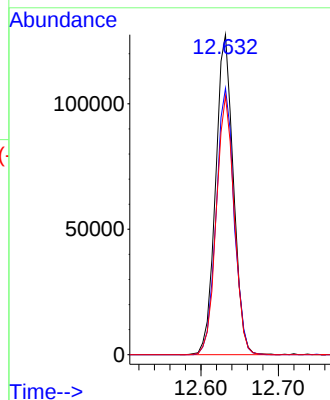
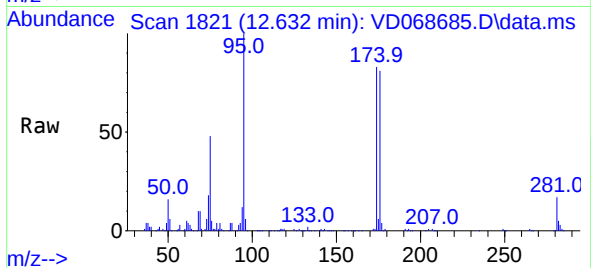




#62
4-Bromofluorobenzene
Concen: 56.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

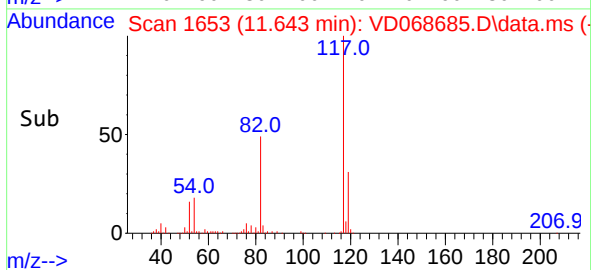
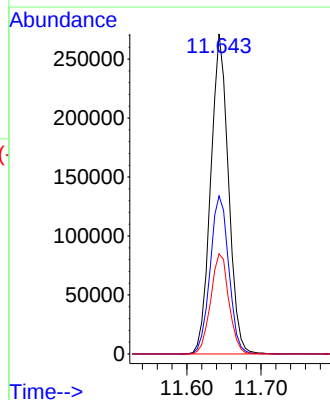
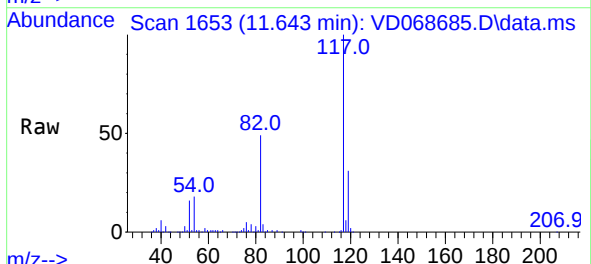
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

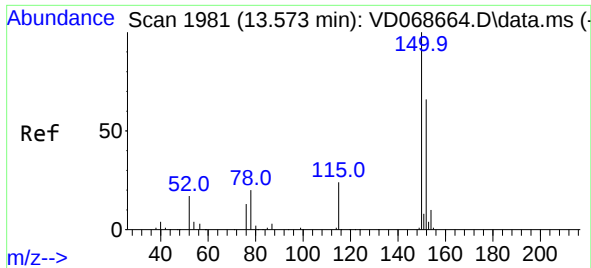
Tgt Ion: 95 Resp: 202988
Ion Ratio Lower Upper
95 100
174 83.8 0.0 168.0
176 81.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068685.D
Acq: 26 Mar 2021 15:36

Tgt Ion: 117 Resp: 450489
Ion Ratio Lower Upper
117 100
82 49.4 43.5 65.3
119 31.3 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: VD068685.D
 Acq: 26 Mar 2021 15:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236

Tgt Ion:152 Resp: 217752
 Ion Ratio Lower Upper
 152 100
 115 56.8 29.3 87.8
 150 156.4 0.0 347.6

