

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068567.D
 Acq On : 08 Mar 2021 18:30
 Operator : VA/SY
 Sample : M1598-01
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-030821

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:02:39 PM

Quant Time: Mar 09 00:12:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	139186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	249275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	250837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	121592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	94355	67.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.70%			
35) Dibromofluoromethane	7.920	113	85015	56.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.22%			
50) Toluene-d8	10.338	98	309502	51.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.50%			
62) 4-Bromofluorobenzene	12.632	95	109099	56.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.20%			
Target Compounds						Qvalue
16) Acetone	4.179	43	5758m	26.07	ug/l	
95) Naphthalene	15.396	128	27436	5.75	ug/l	96

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

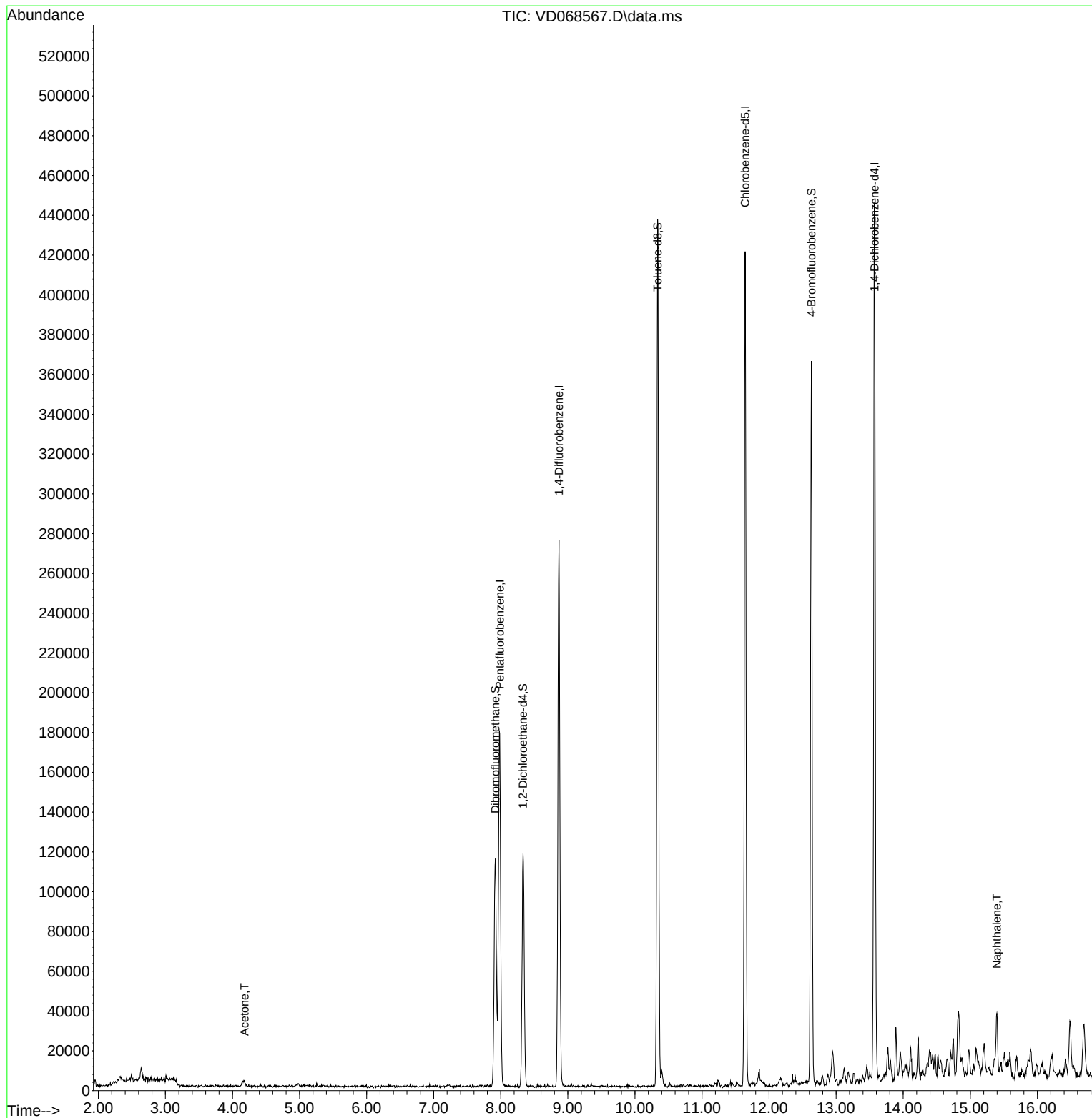
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
Data File : VD068567.D
Acq On : 08 Mar 2021 18:30
Operator : VA/SY
Sample : M1598-01
Misc : 4.82G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

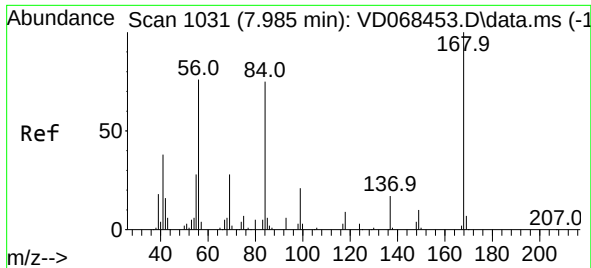
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

Manual Integrations
APPROVED

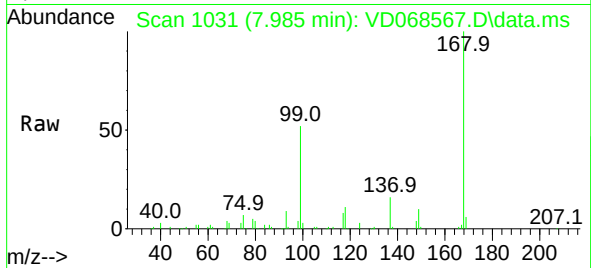
MMDadoda
3/9/2021 3:02:39 PM

Quant Time: Mar 09 00:12:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

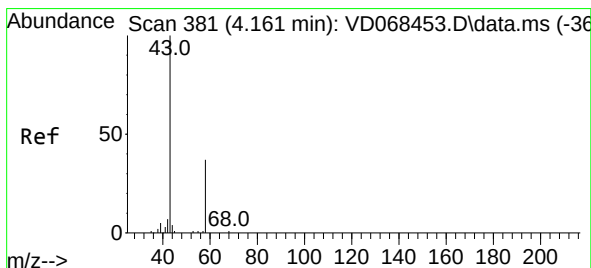
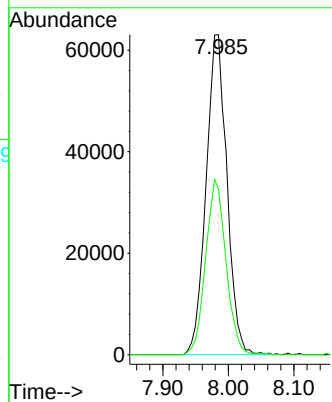
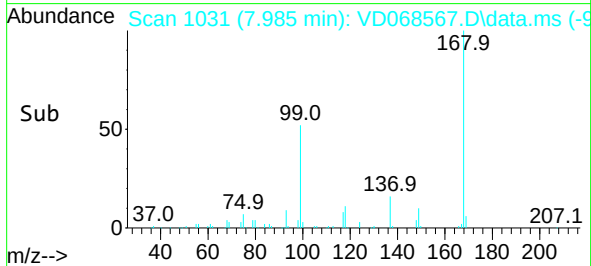




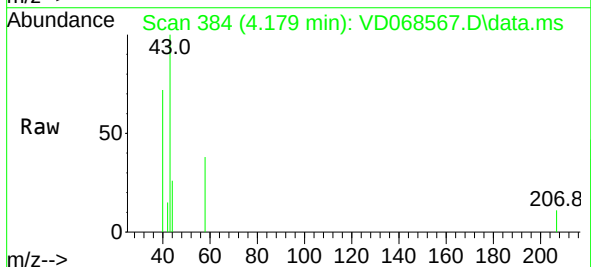
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30



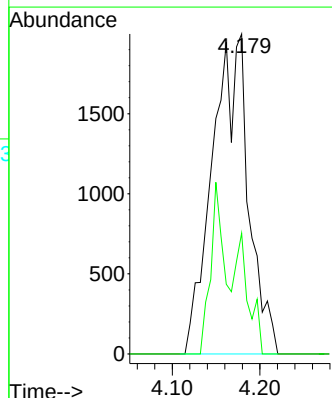
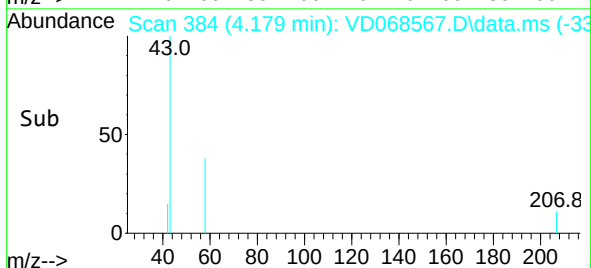
Tgt Ion:168 Resp: 139186
Ion Ratio Lower Upper
168 100
99 51.8 43.5 65.3



#16
Acetone
Concen: 26.07 ug/l m
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30



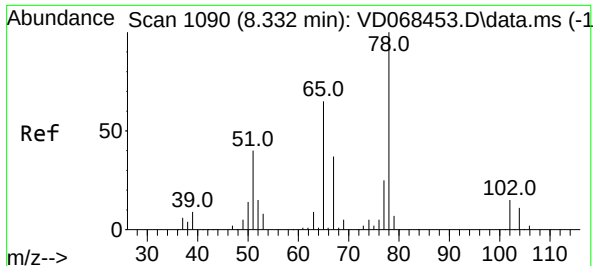
Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
58 37.7 24.2 36.4#



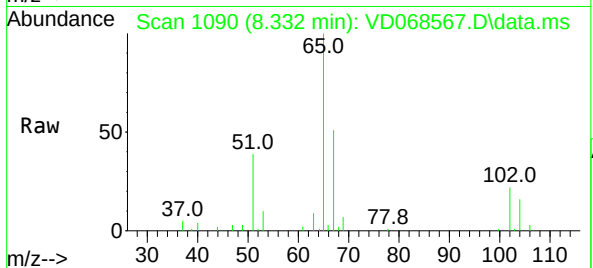
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

Manual Integrations
APPROVED

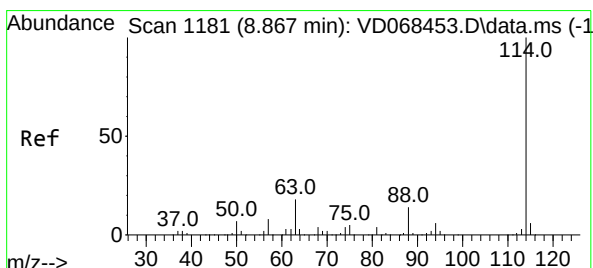
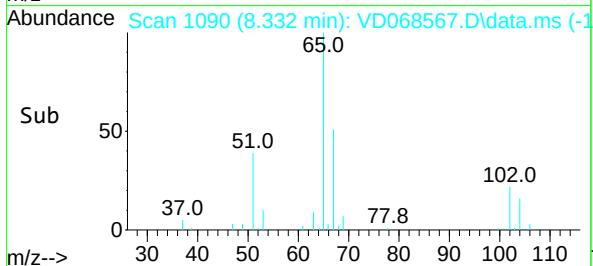
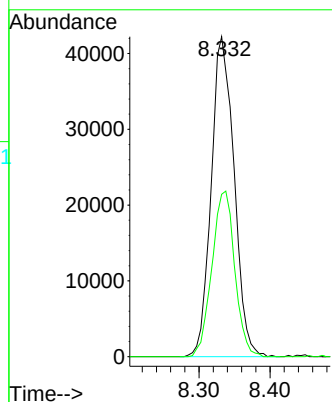
MMDadoda
3/9/2021 3:02:39 PM



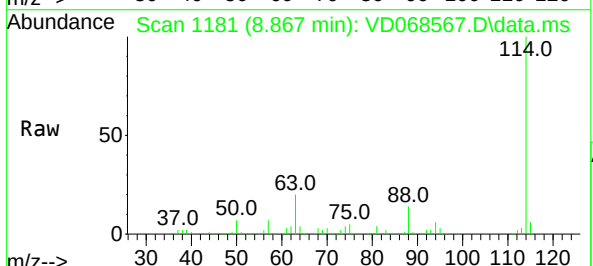
#33
1,2-Dichloroethane-d4
Concen: 67.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30



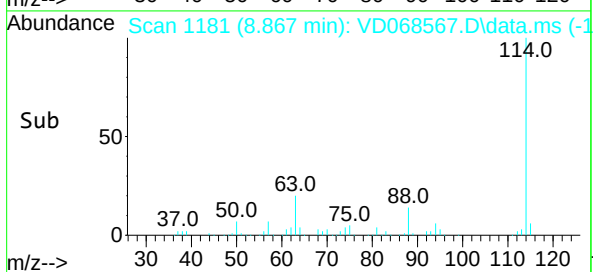
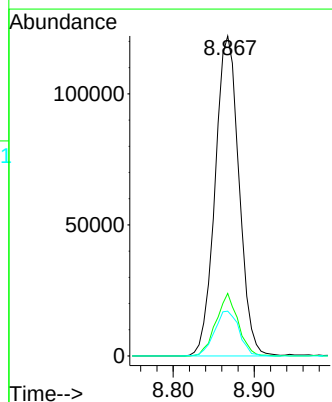
Tgt Ion: 65 Resp: 94355
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30



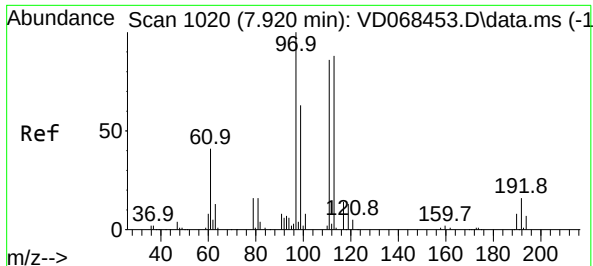
Tgt Ion: 114 Resp: 249275
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 14.0 0.0 31.6



Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

Manual Integrations
APPROVED

MMDadoda
3/9/2021 3:02:39 PM



#35

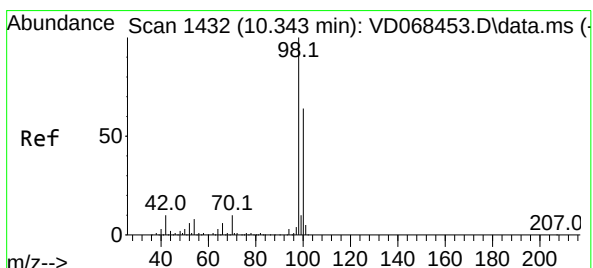
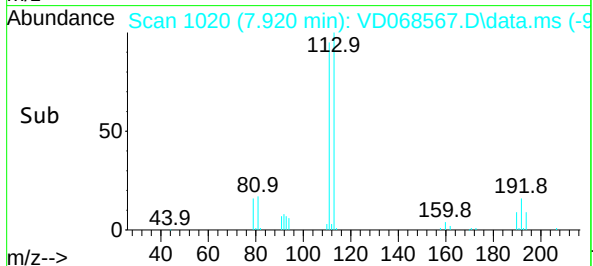
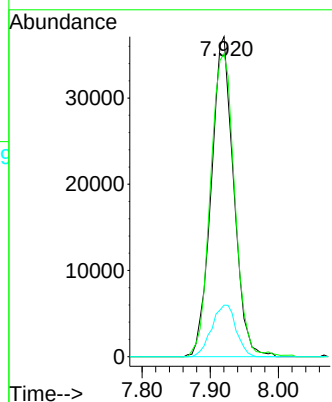
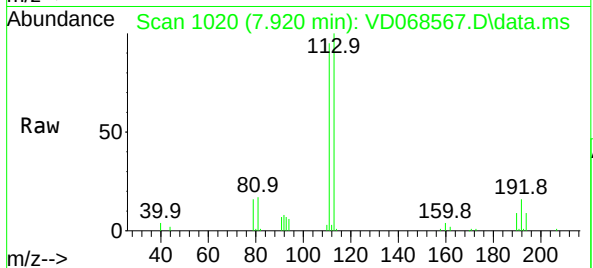
Dibromofluoromethane
Concen: 56.61 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	17.4	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

Manual Integrations
APPROVED

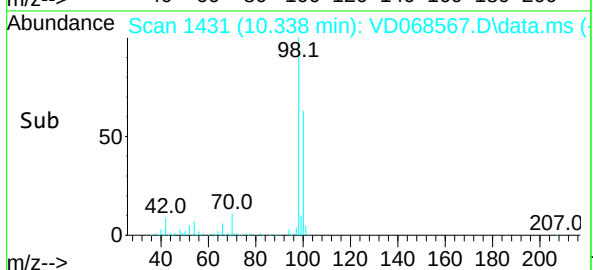
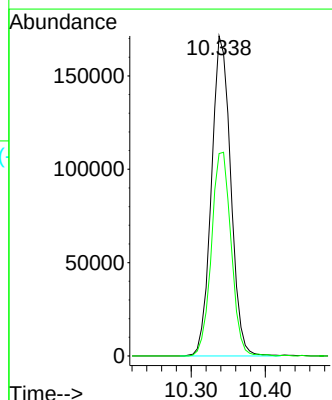
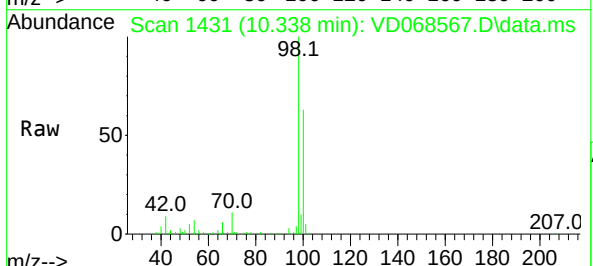
MMDadoda
3/9/2021 3:02:39 PM

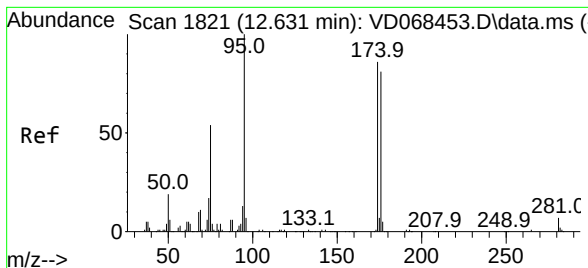


#50

Toluene-d8
Concen: 51.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.0	79.4





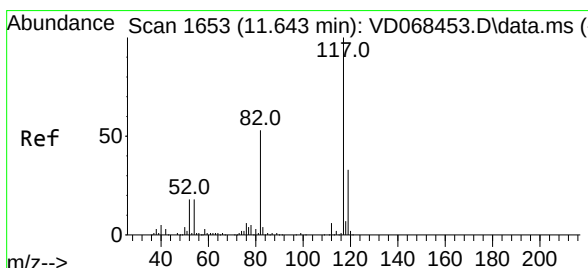
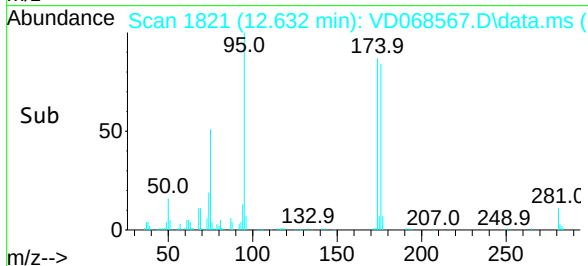
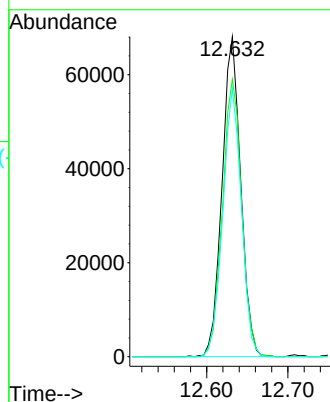
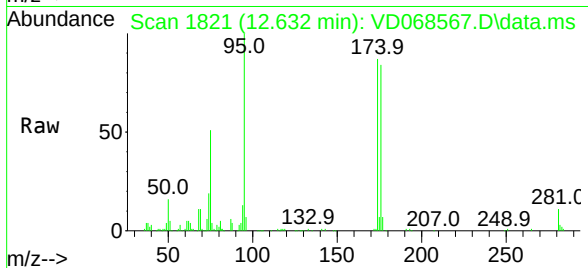
#62
4-Bromofluorobenzene
Concen: 56.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 95 Resp: 109099
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.4
176 83.5 0.0 168.4

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

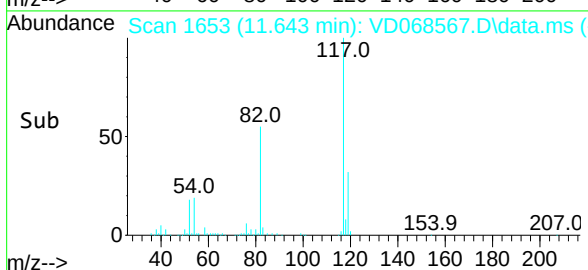
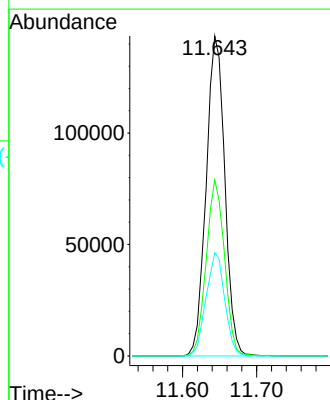
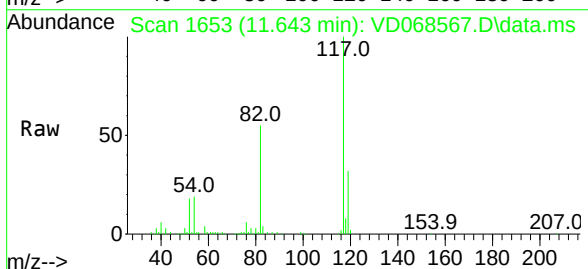
Manual Integrations
APPROVED

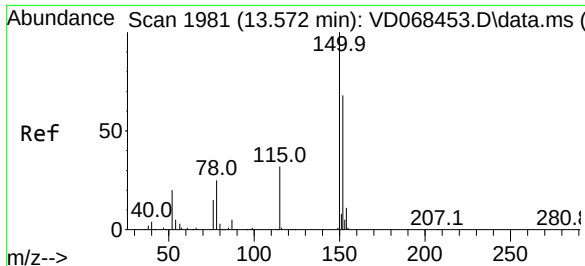
MMDadoda
3/9/2021 3:02:39 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 117 Resp: 250837
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 32.3 26.1 39.1





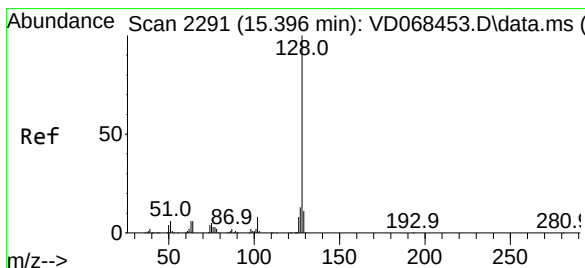
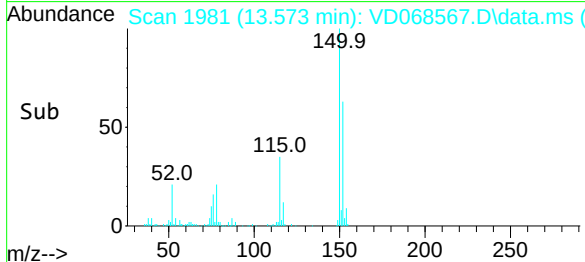
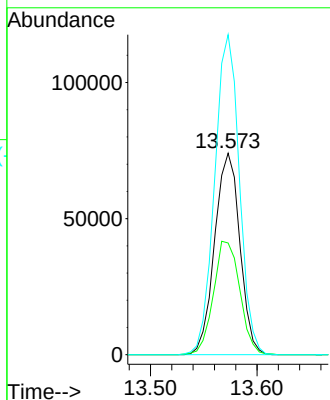
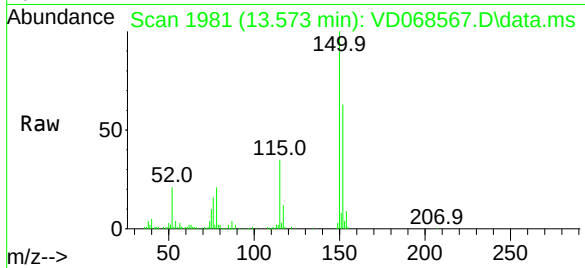
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion:152 Resp: 121592
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 155.6 0.0 344.4

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

Manual Integrations
APPROVED

MMDadoda
3/9/2021 3:02:39 PM



#95
Naphthalene
Concen: 5.75 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion:128 Resp: 27436
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.2
129 12.8 8.8 13.2

