Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068708.D
Acq On : 29 Mar 2021 19:53
Operator : VA/SY
Sample : M1828-04
Misc : 6.96G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)

Quant Time: Mar 30 01:07:32 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	24730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	47427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	54349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	29877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	18621	74.67	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.34%			
35) Dibromofluoromethane	7.920	113	12183	41.29	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 82.58%			
50) Toluene-d8	10.344	98	64107	56.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.70%			
62) 4-Bromofluorobenzene	12.632	95	32430	87.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 175.84%#			
Target Compounds						Qvalue
16) Acetone	4.173	43	3411	112.75	ug/l	92

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

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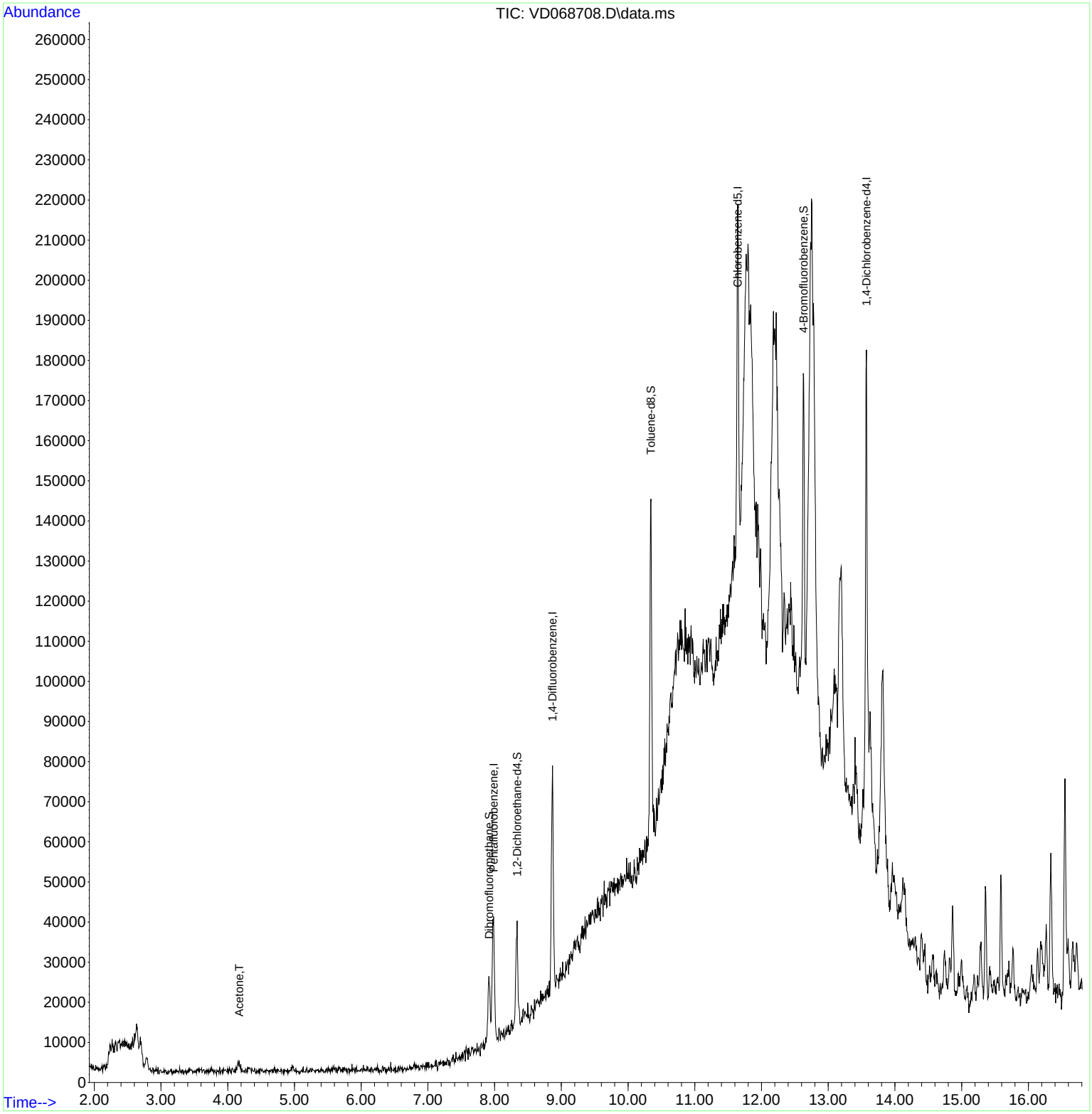
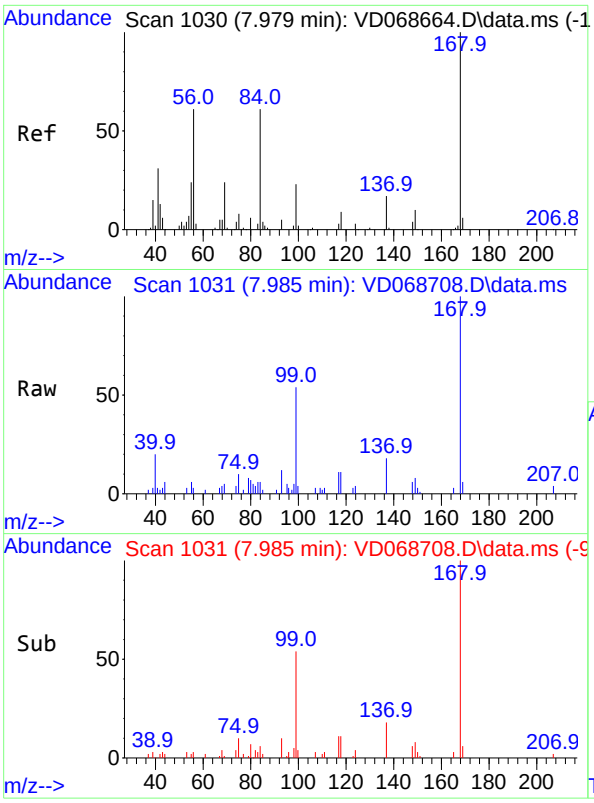
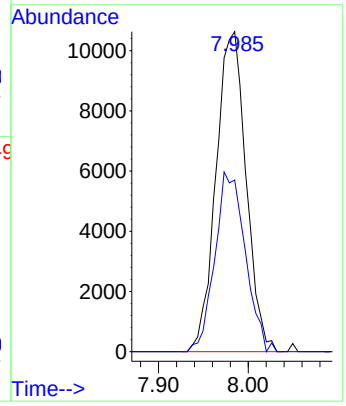




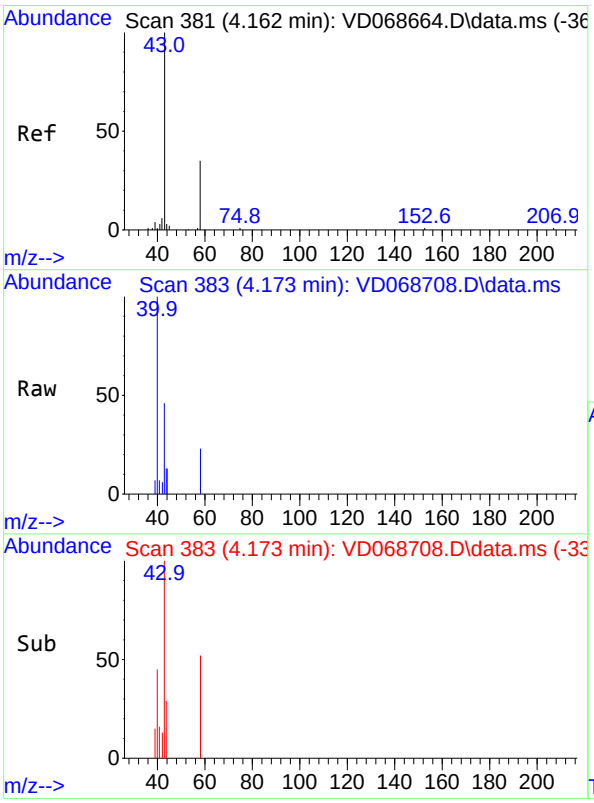
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion:168 Resp: 24730

Ion	Ratio	Lower	Upper
168	100		
99	53.7	46.2	69.2



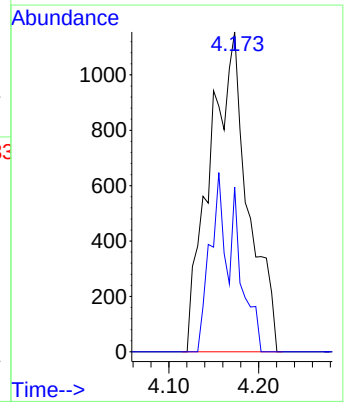
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)



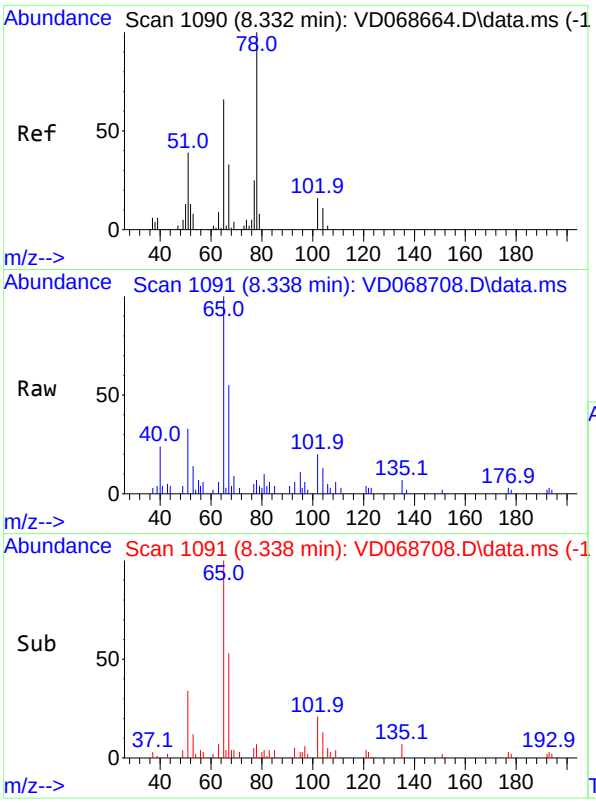
#16
Acetone
Concen: 112.75 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion: 43 Resp: 3411

Ion	Ratio	Lower	Upper
43	100		
58	39.9	28.0	42.0



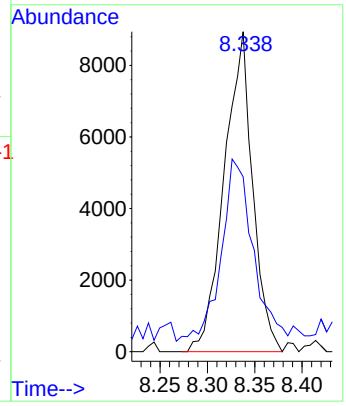
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)

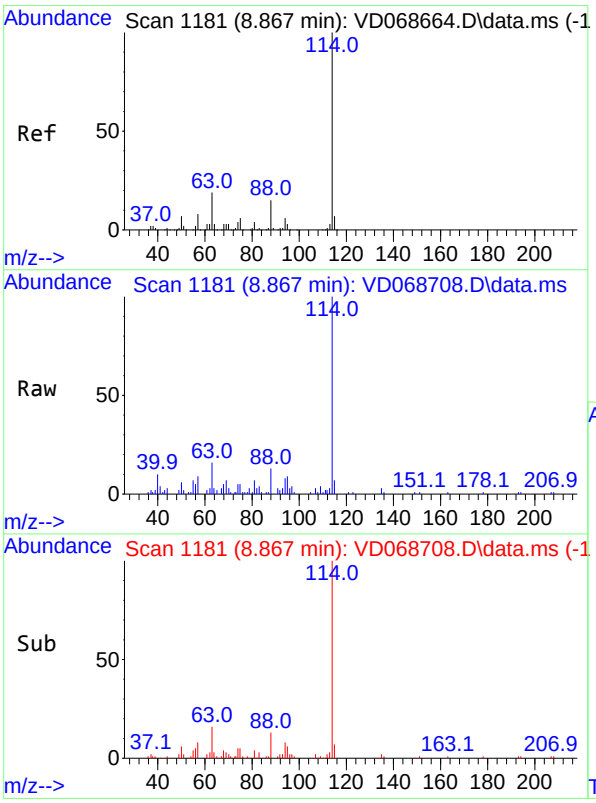


#33
1,2-Dichloroethane-d4
Concen: 74.67 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion: 65 Resp: 18621

Ion	Ratio	Lower	Upper
65	100		
67	59.7	0.0	106.0

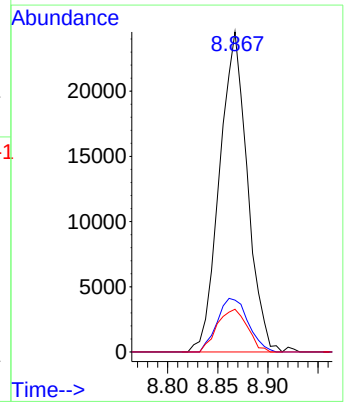




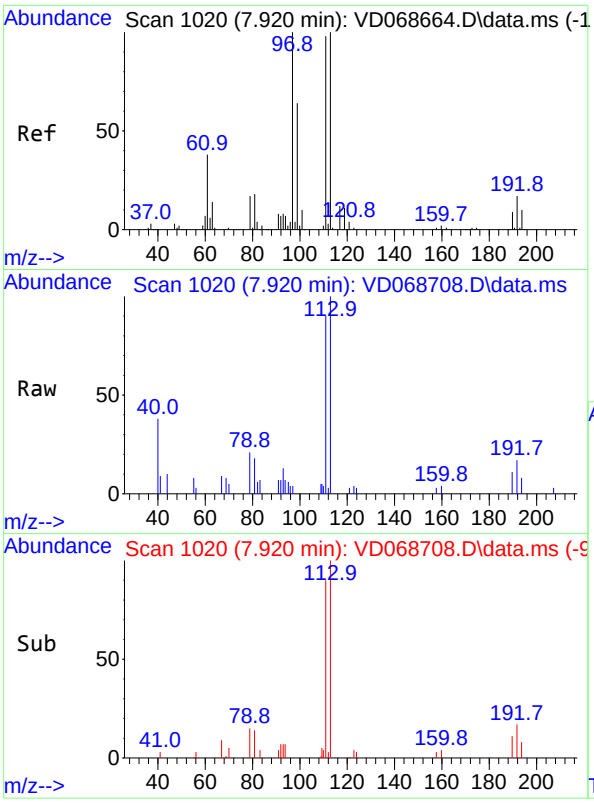
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion:114 Resp: 47427

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	38.2
88	13.4	0.0	29.4



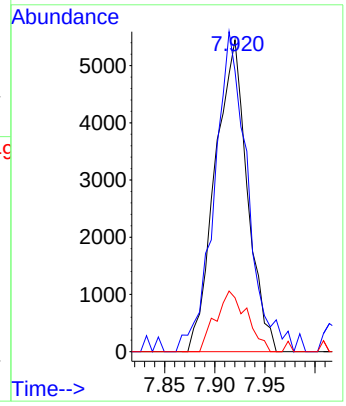
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)

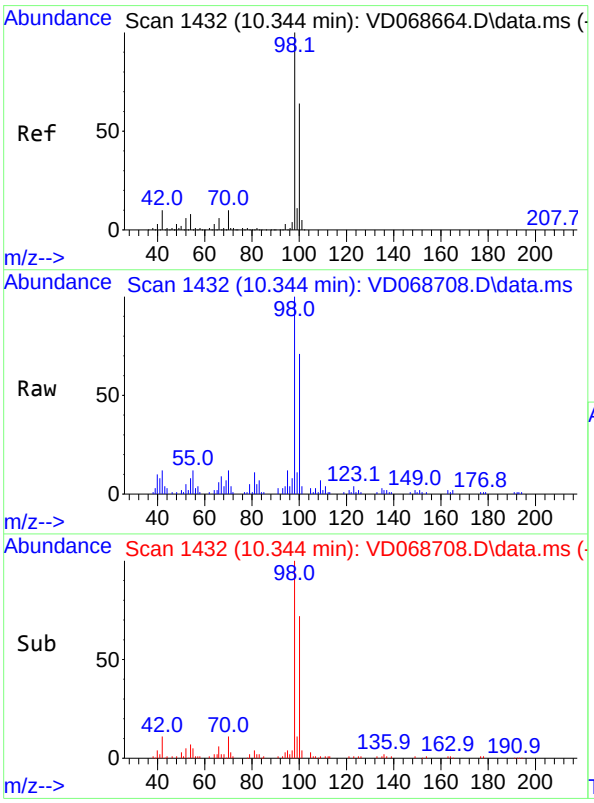


#35
Dibromofluoromethane
Concen: 41.29 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion:113 Resp: 12183

Ion	Ratio	Lower	Upper
113	100		
111	106.8	82.5	123.7
192	18.9	15.1	22.7

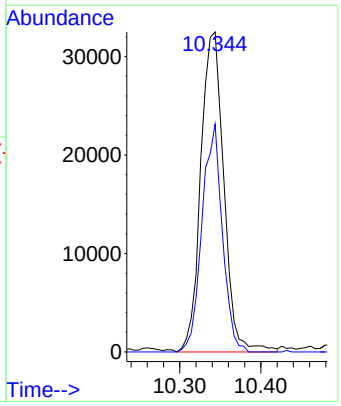


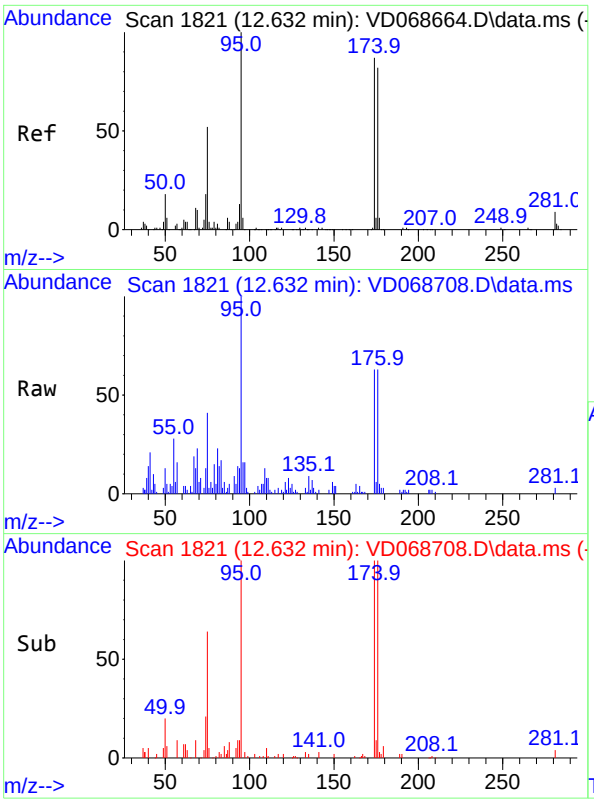


#50
Toluene-d8
Concen: 56.35 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion: 98 Resp: 64107

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.8	77.6

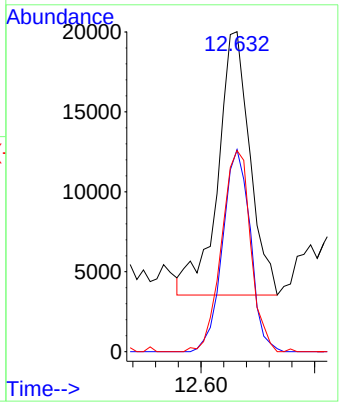




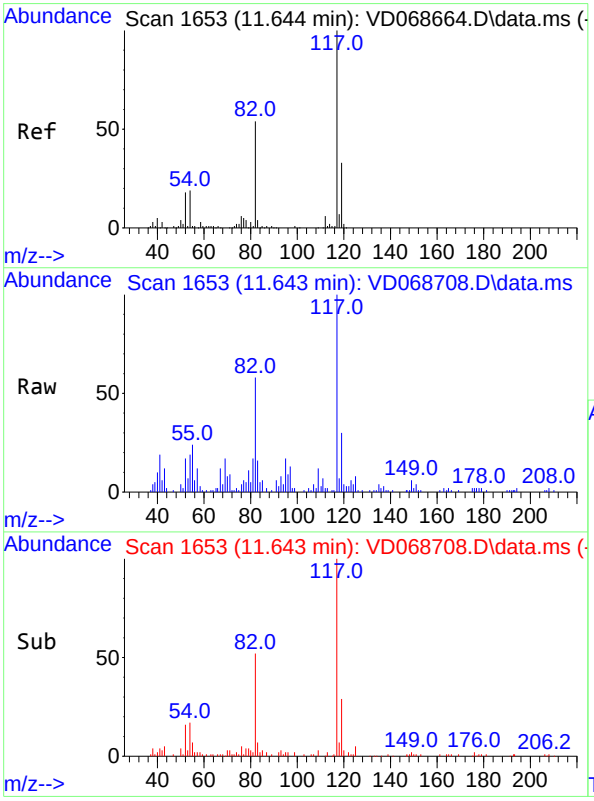
#62
4-Bromofluorobenzene
Concen: 87.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion: 95 Resp: 32430

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	168.0
176	69.1	0.0	160.2



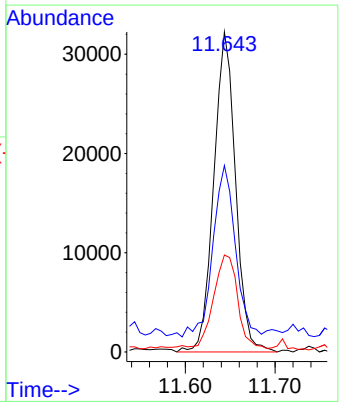
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)

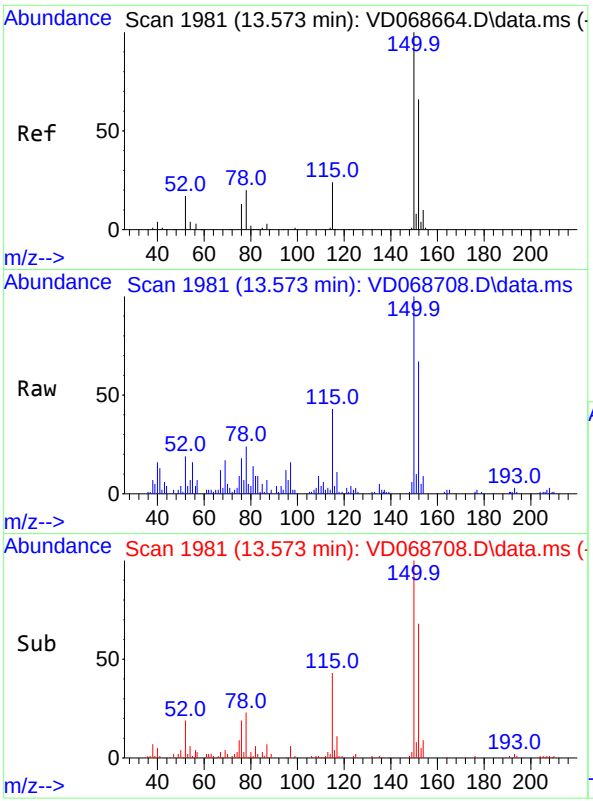


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion:117 Resp: 54349

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.5	65.3
119	28.7	26.7	40.1

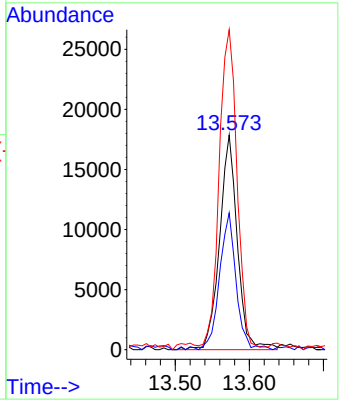




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068708.D
Acq: 29 Mar 2021 19:53

Tgt Ion:152 Resp: 29877

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	87.8
150	148.7	0.0	347.6



Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)