Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
Data File : VD072037.D
Acq On : 21 Feb 2022 17:26
Operator : VA/SY
Sample : N1626-08
Misc : 8.13G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Quant Time: Feb 22 01:06:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	351418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	638249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	646553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235997	64.74	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.48%			
35) Dibromofluoromethane	7.914	113	123158	31.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 63.70%			
50) Toluene-d8	10.337	98	794964	55.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.88%			
62) 4-Bromofluorobenzene	12.620	95	302781	57.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.96%			
Target Compounds						Qvalue
16) Acetone	4.161	43	33808	42.91	ug/l	99

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

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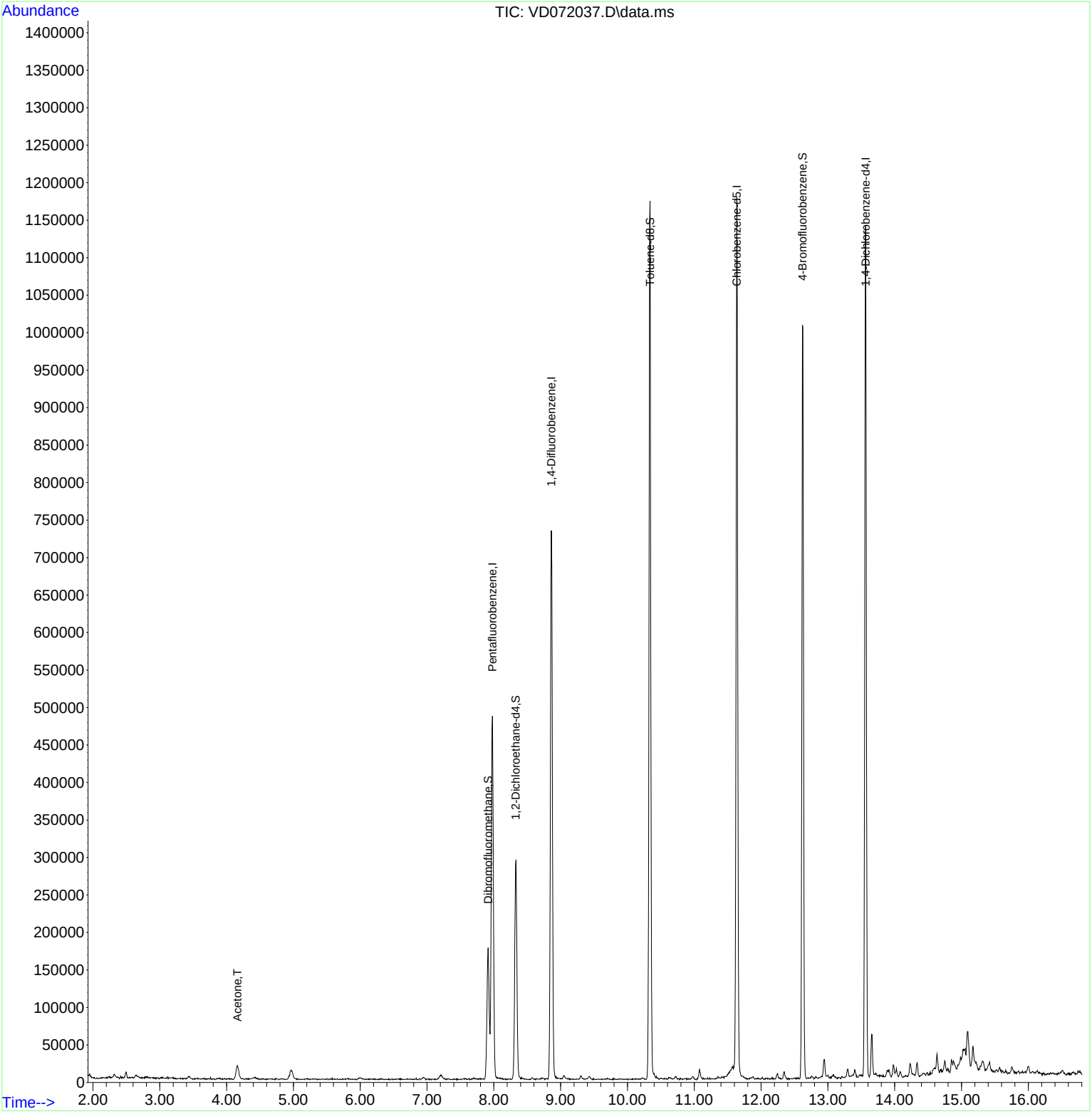
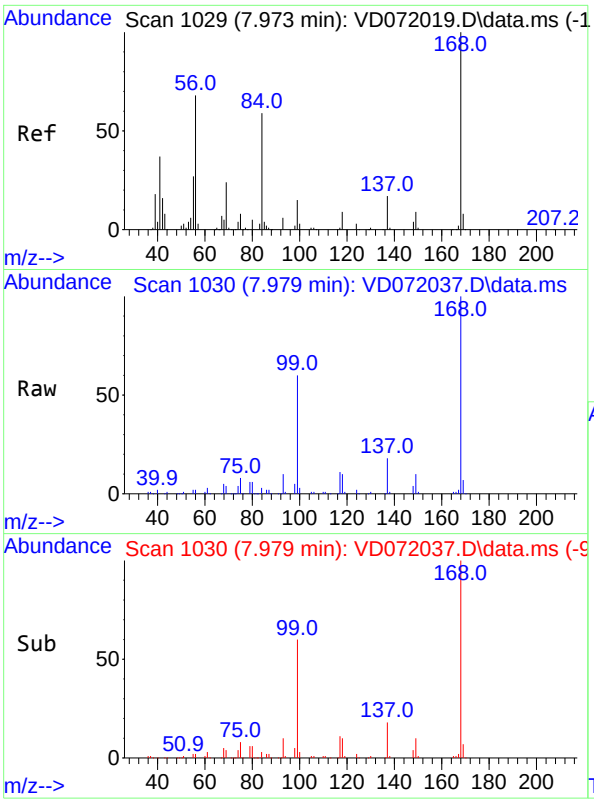


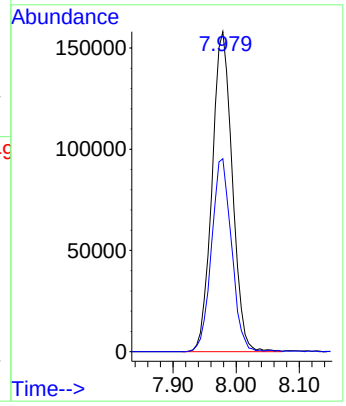


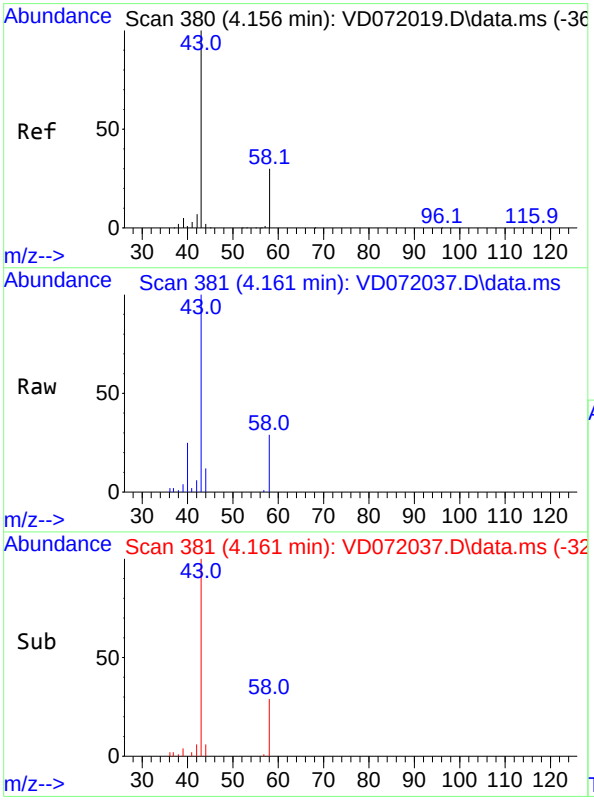
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion:168 Resp: 351418

Ion	Ratio	Lower	Upper
168	100		
99	60.3	47.1	70.7

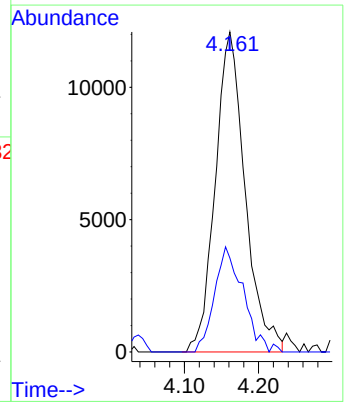


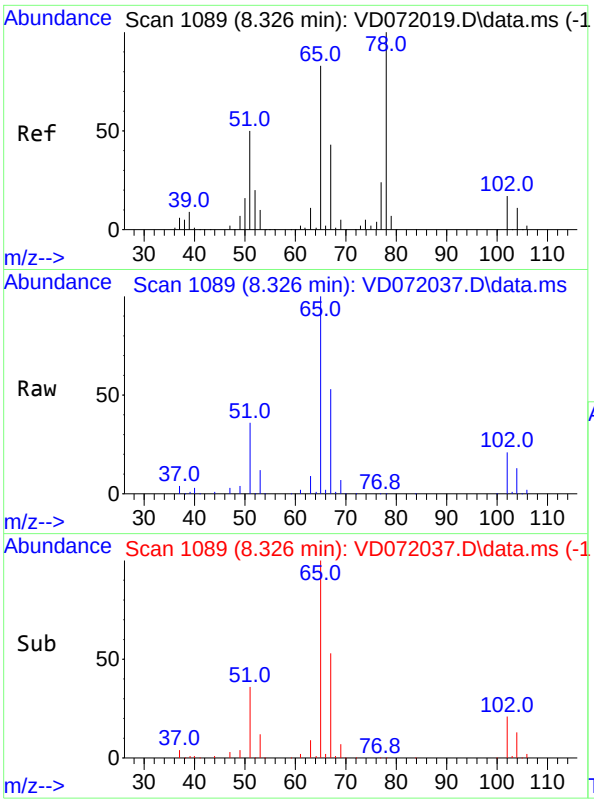


#16
Acetone
Concen: 42.91 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 43 Resp: 33808

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.8	35.6



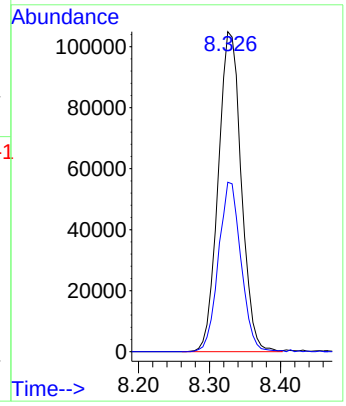


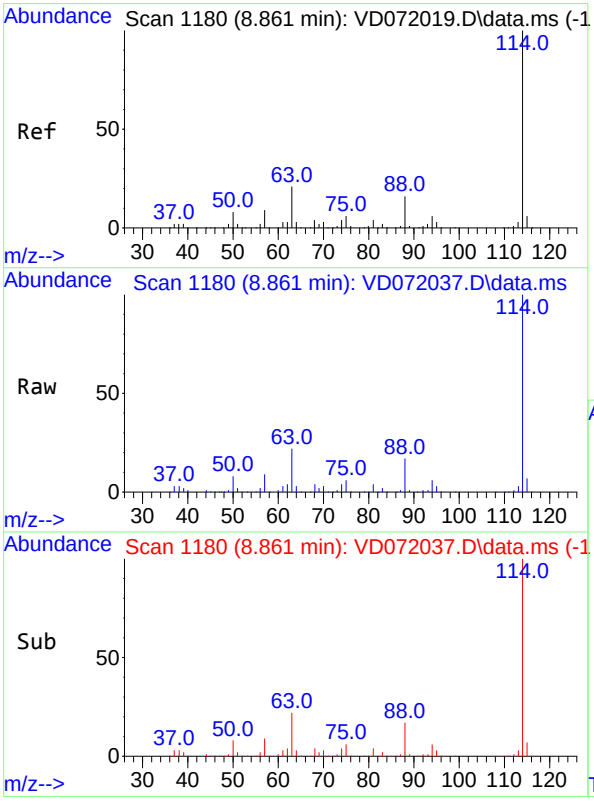
#33
1,2-Dichloroethane-d4
Concen: 64.74 ug/l
RT: 8.326 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion: 65 Resp: 235997

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.6

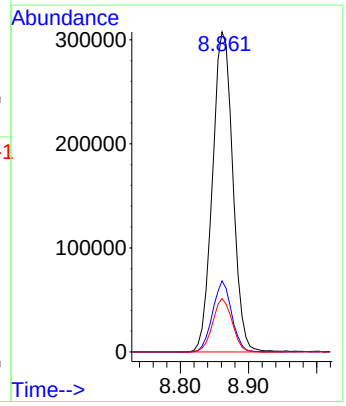


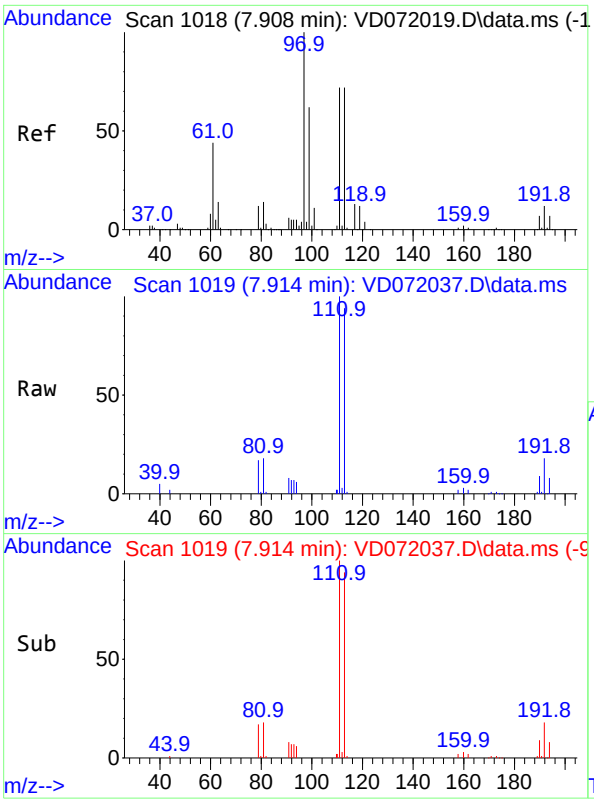


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion:114 Resp: 638249

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	42.2
88	16.7	0.0	31.2



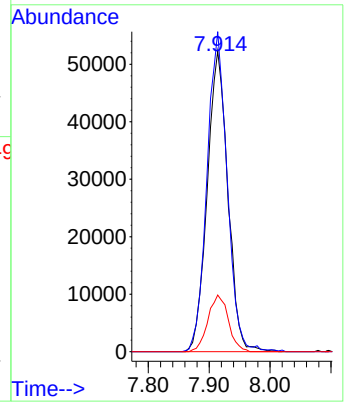


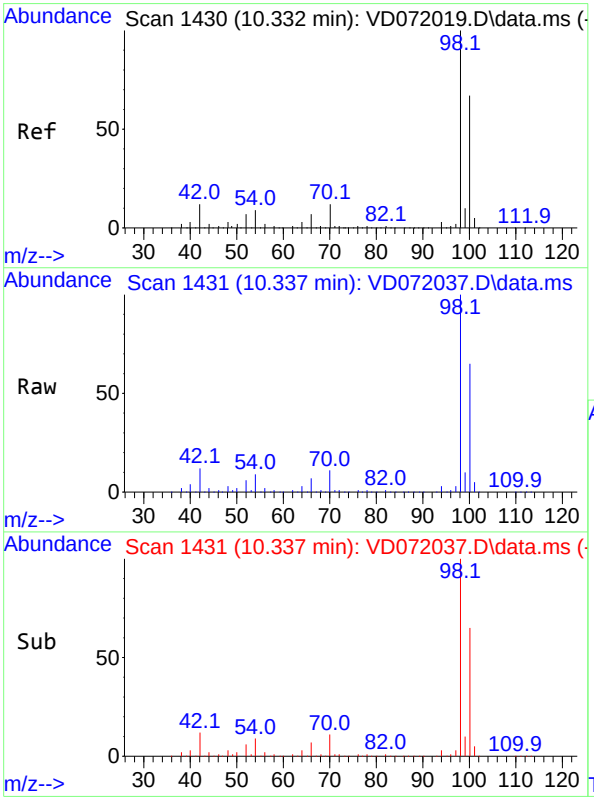
#35
Dibromofluoromethane
Concen: 31.85 ug/l
RT: 7.914 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion:113 Resp: 123158

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.0	124.4
192	18.6	15.3	22.9

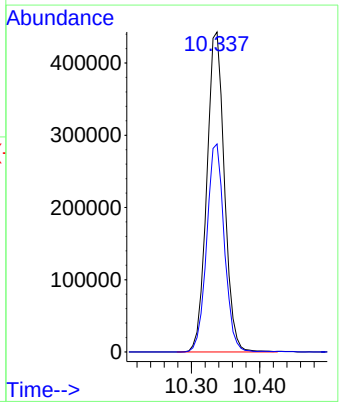


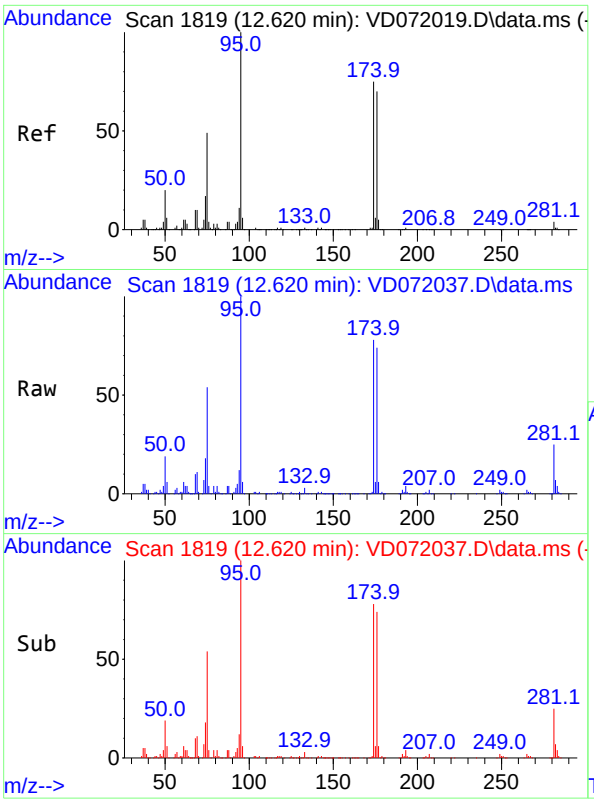


#50
Toluene-d8
Concen: 55.44 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 98 Resp: 794964

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.8	80.6



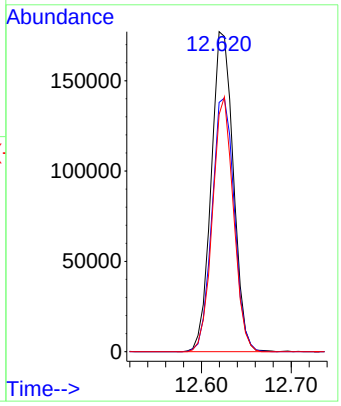


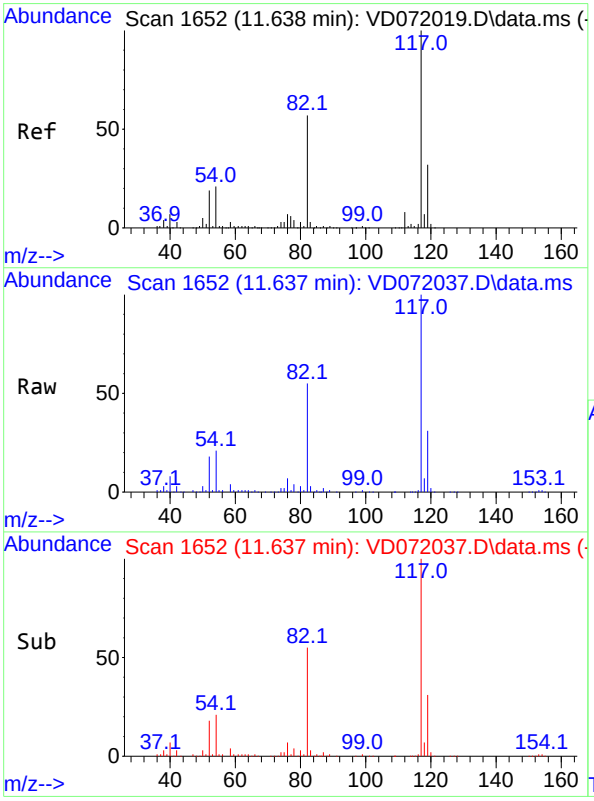
#62
4-Bromofluorobenzene
Concen: 57.48 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion: 95 Resp: 302781

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	155.0
176	75.4	0.0	148.8

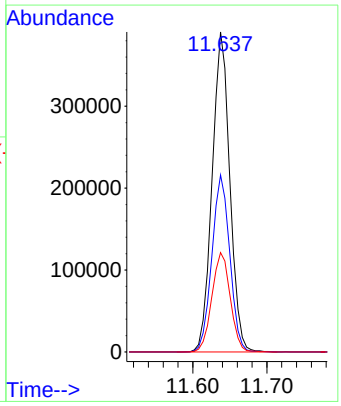


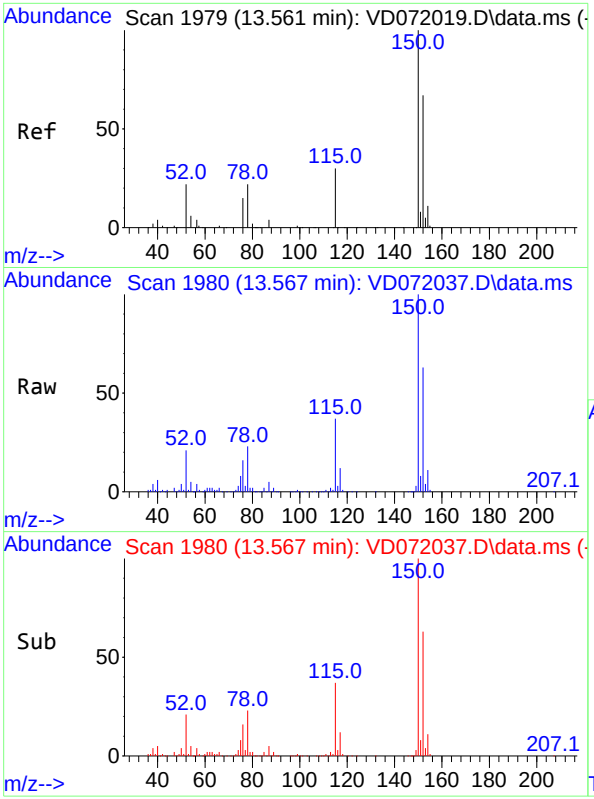


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion:117 Resp: 646553

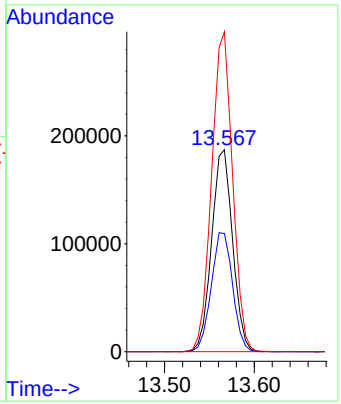
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.4	68.0
119	31.1	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion:152 Resp: 303988

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.9	89.7
150	157.9	0.0	347.6