Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071031.D
Acq On : 15 Nov 2021 16:40
Operator : VA/SY
Sample : M4657-03
Misc : 4.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B31-111121-0-1

Quant Time: Nov 16 03:21:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	277535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	476989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	209993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	166419	56.319	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.640%			
35) Dibromofluoromethane	7.914	113	152595	56.168	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.340%			
50) Toluene-d8	10.338	98	610036	57.337	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.680%			
62) 4-Bromofluorobenzene	12.626	95	227817	59.469	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.940%			
Target Compounds						Qvalue

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

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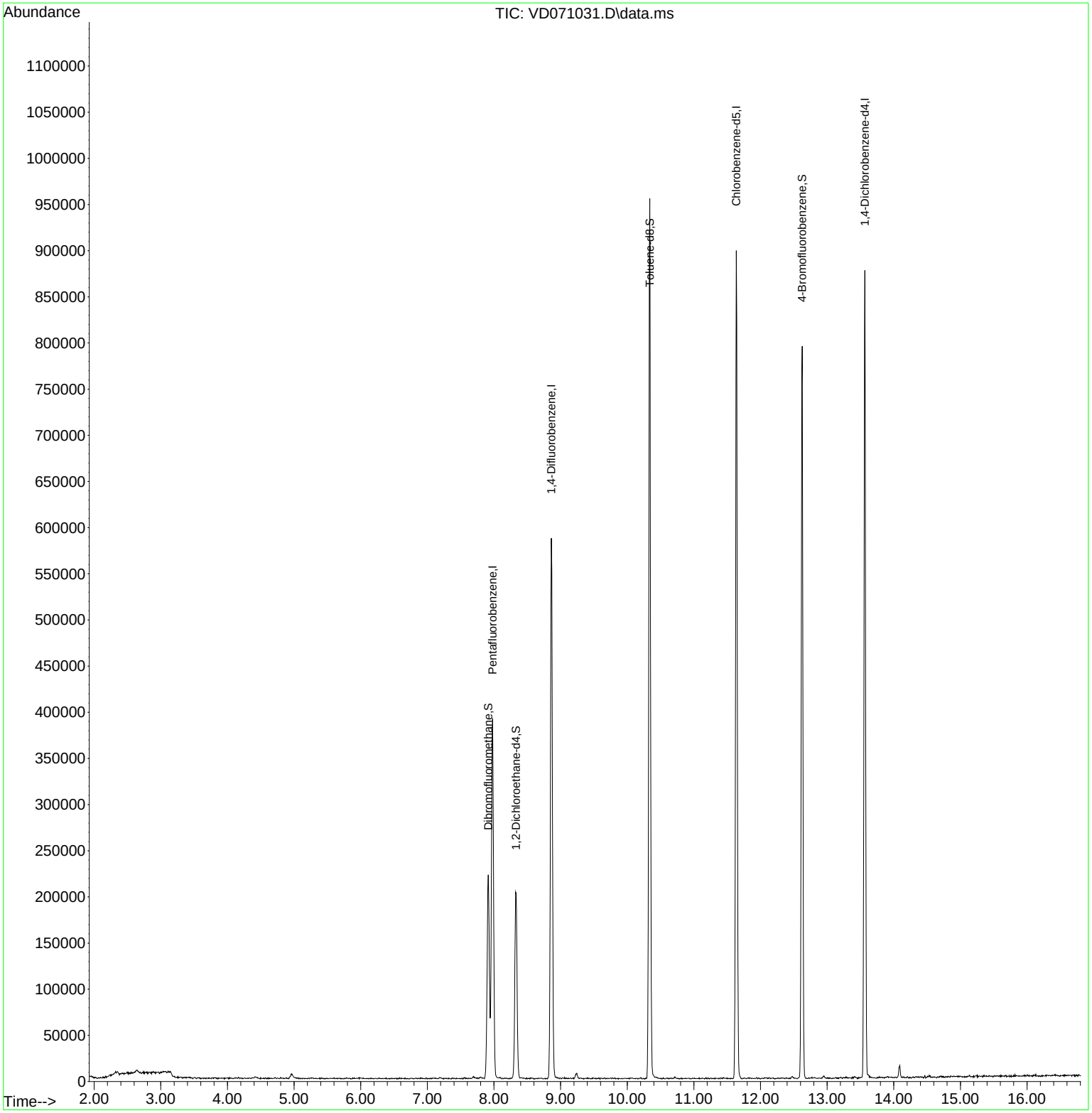
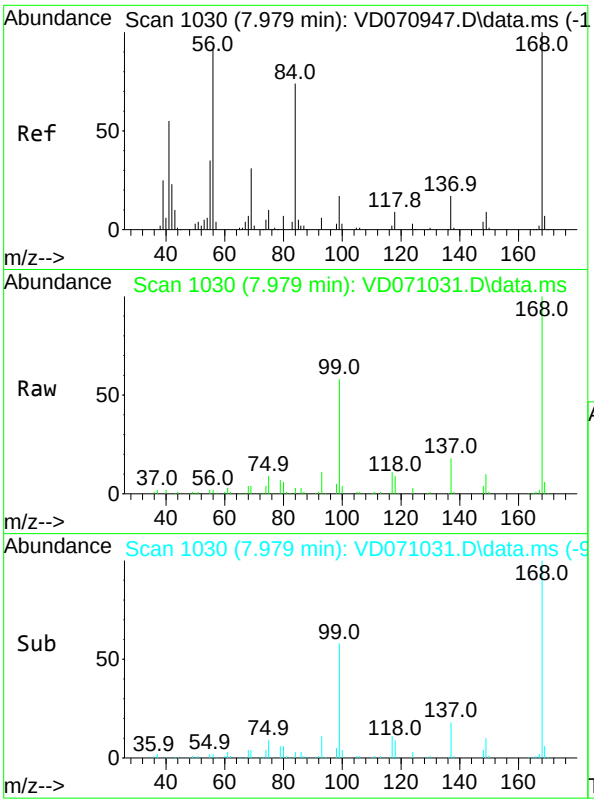


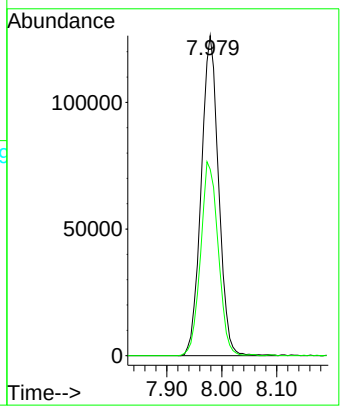


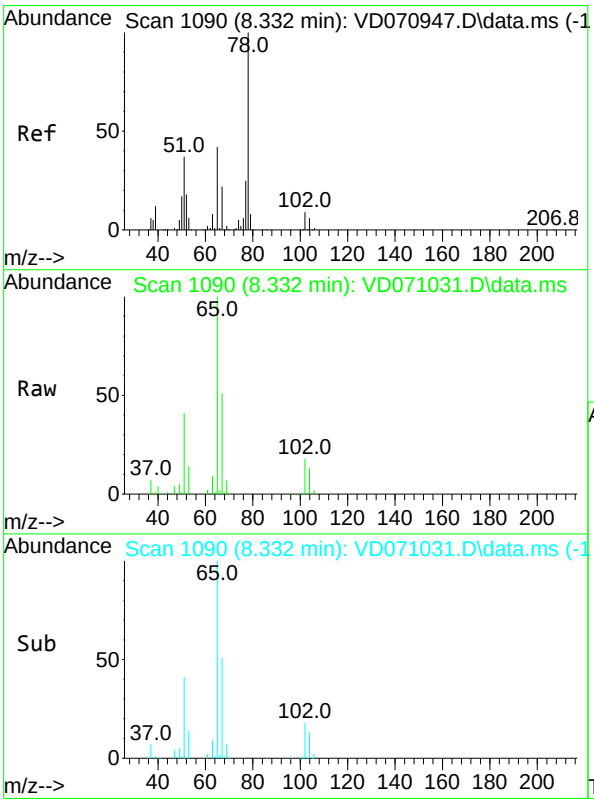
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
VWE-B31-111121-0-1

Tgt Ion:168 Resp: 277535

Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.6	69.8

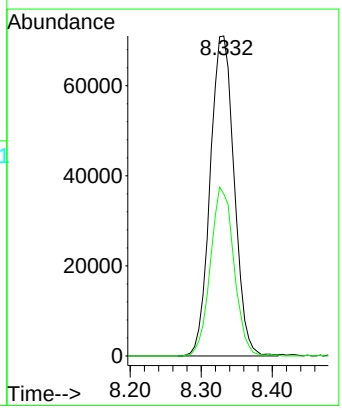


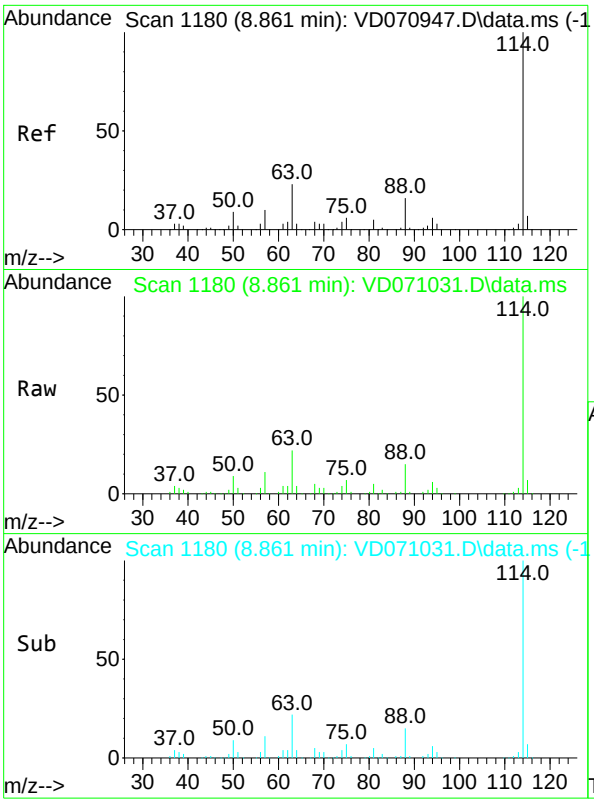


#33
1,2-Dichloroethane-d4
Concen: 56.319 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Tgt Ion: 65 Resp: 166419

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	112.2



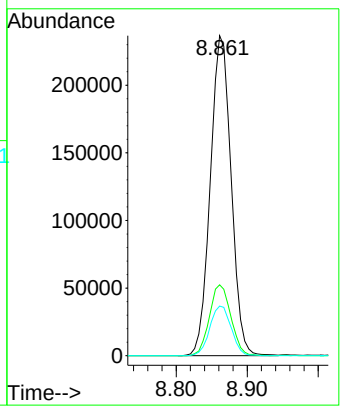


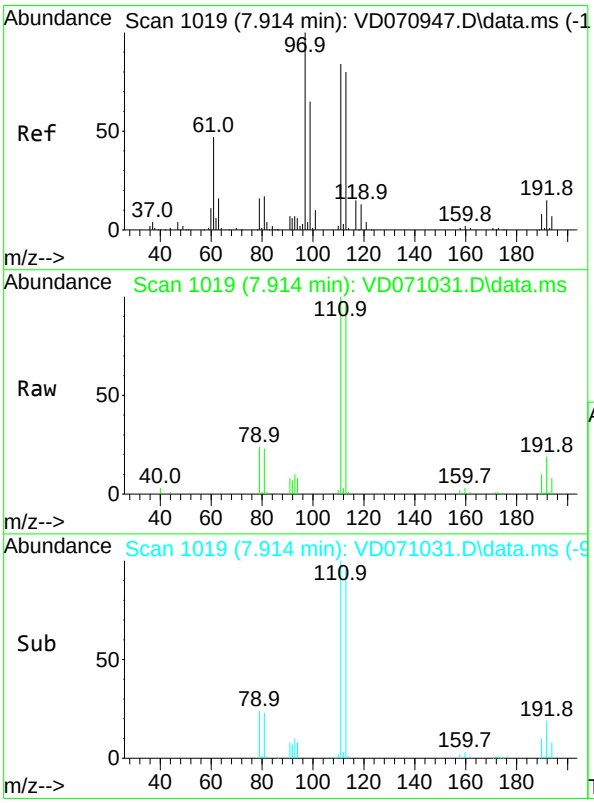
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
VWE-B31-111121-0-1

Tgt Ion:114 Resp: 481458

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	41.8
88	15.5	0.0	32.8

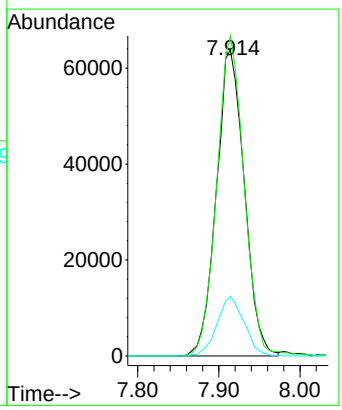


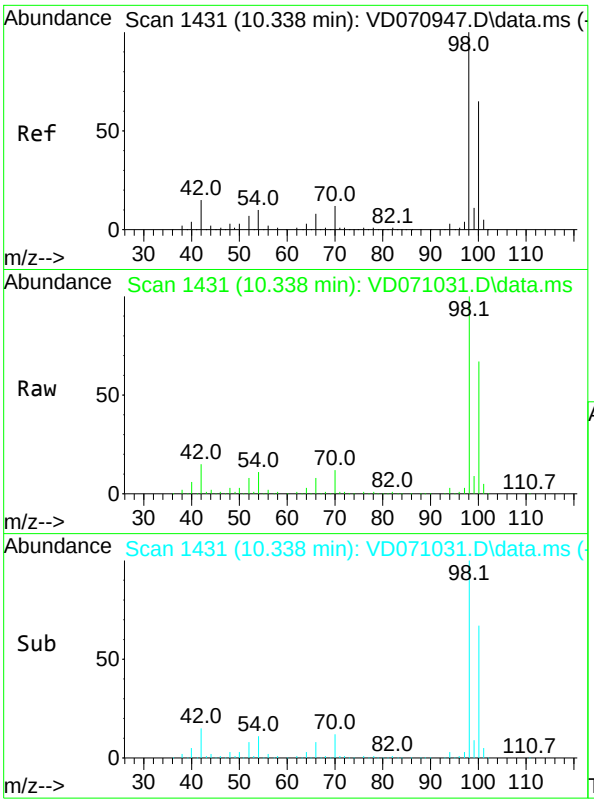


#35
Dibromofluoromethane
Concen: 56.168 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Tgt Ion:113 Resp: 152595

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.8	15.2	22.8



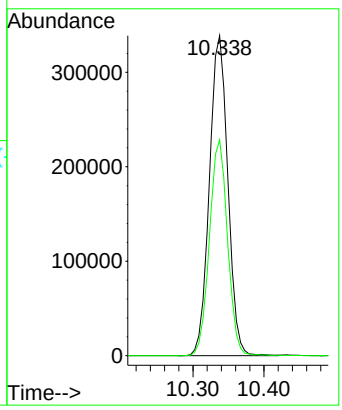


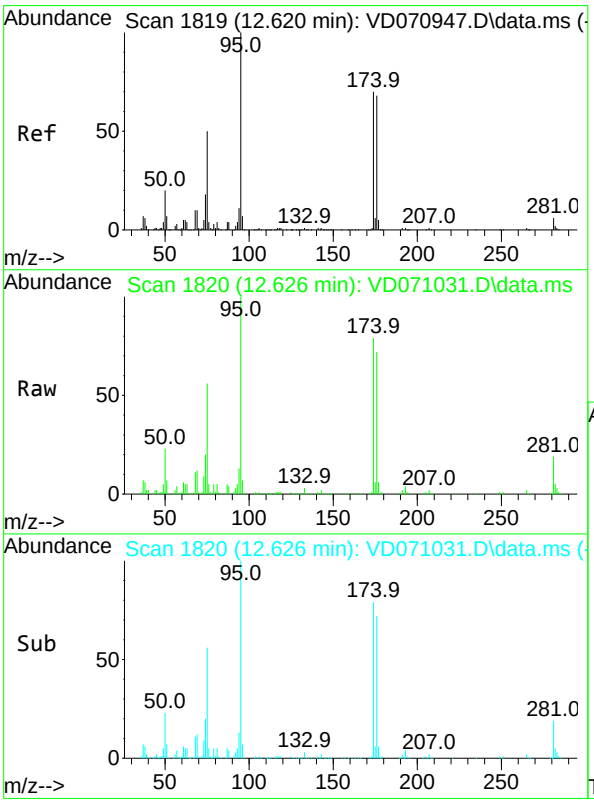
#50
Toluene-d8
Concen: 57.337 ug/l
RT: 10.338 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
VWE-B31-111121-0-1

Tgt Ion: 98 Resp: 610036

Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.8	77.6

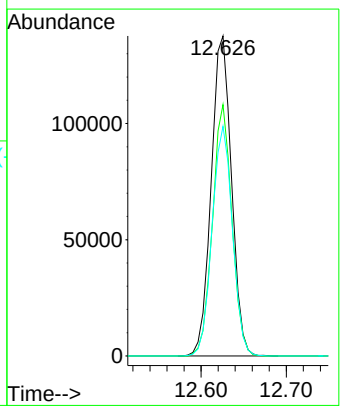


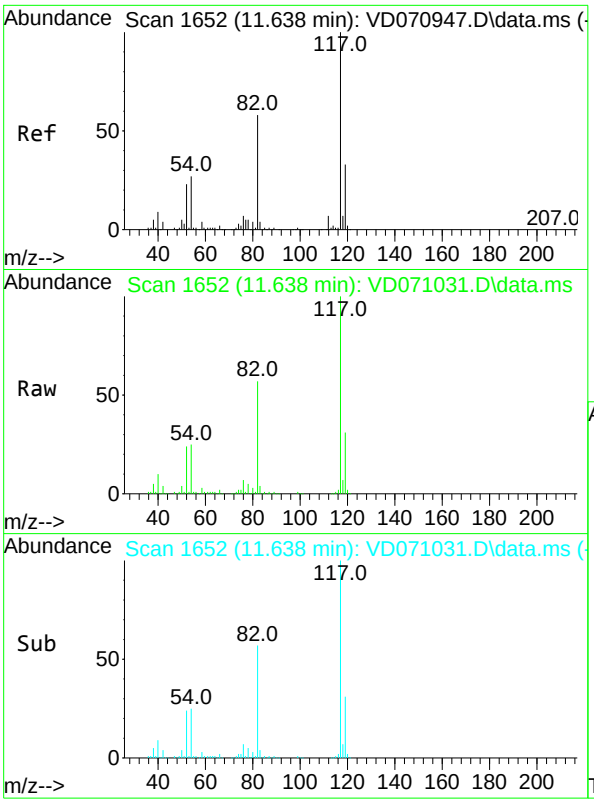


#62
4-Bromofluorobenzene
Concen: 59.469 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Tgt Ion: 95 Resp: 227817

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	159.4
176	71.9	0.0	154.0



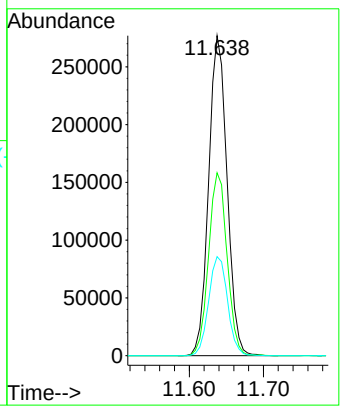


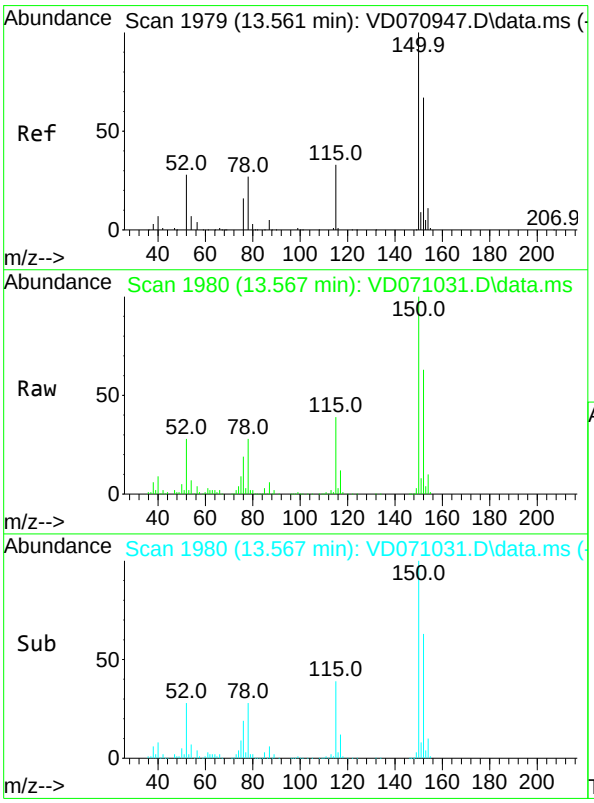
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Instrument :
MSVOA_D
ClientSampleId :
VWE-B31-111121-0-1

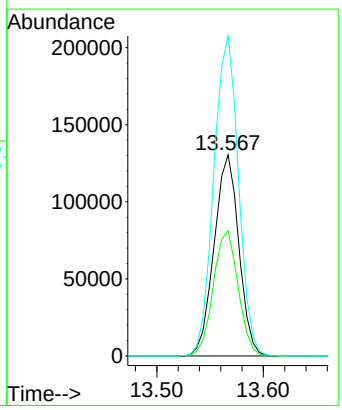
Tgt Ion:117 Resp: 476989

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.7	67.1
119	31.0	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071031.D
Acq: 15 Nov 2021 16:40

Tgt Ion:152 Resp: 209993

Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.8	89.3
150	159.0	0.0	349.2