Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
Data File : VD071121.D
Acq On : 02 Dec 2021 16:41
Operator : VA/SY
Sample : M4876-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Quant Time: Dec 03 00:39:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	9493	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	18354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	10791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9305	83.536	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 167.080%#			
35) Dibromofluoromethane	7.908	113	4937	42.241	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.480%			
50) Toluene-d8	10.332	98	23465	52.757	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.620	95	9919	64.336	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 128.680%			
Target Compounds						Qvalue
16) Acetone	4.156	43	3310	128.918	ug/l	93
68) m/p-Xylenes	11.838	106	999	3.667	ug/l	90
69) o-Xylene	12.173	106	799	3.121	ug/l	76

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

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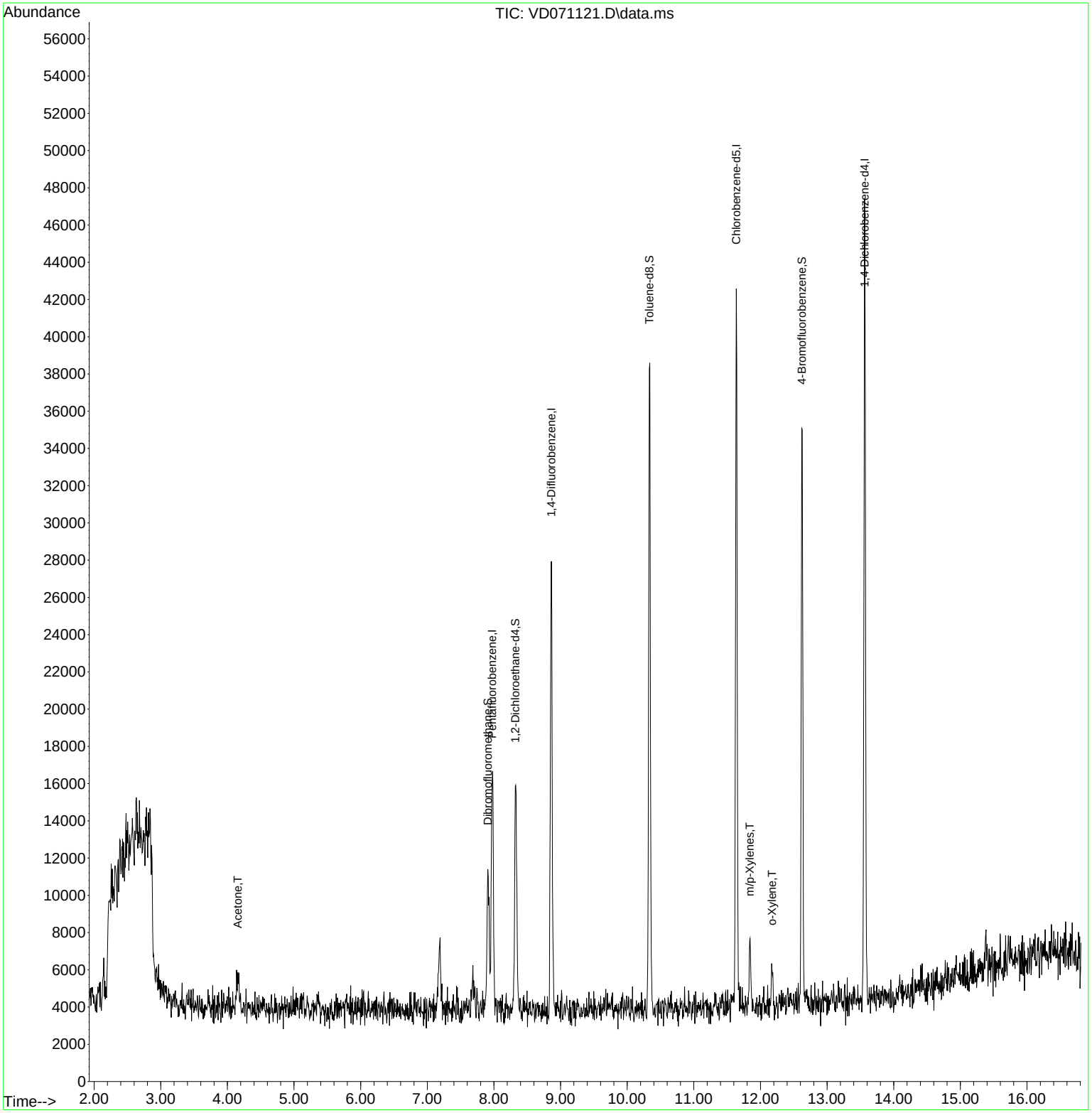
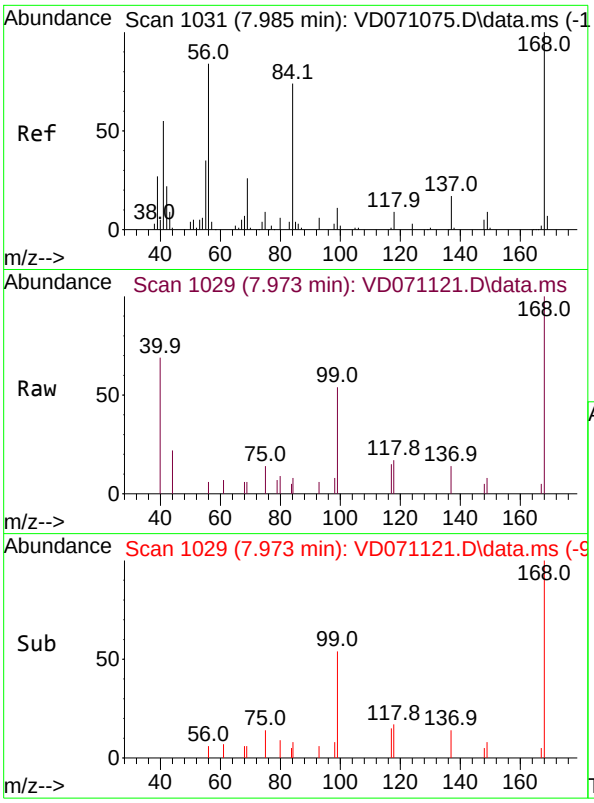


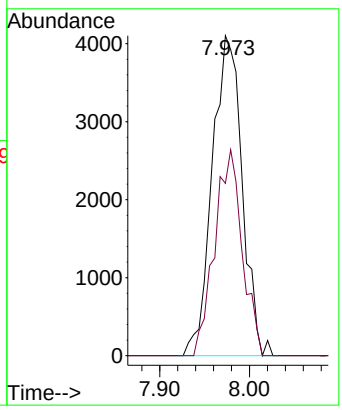


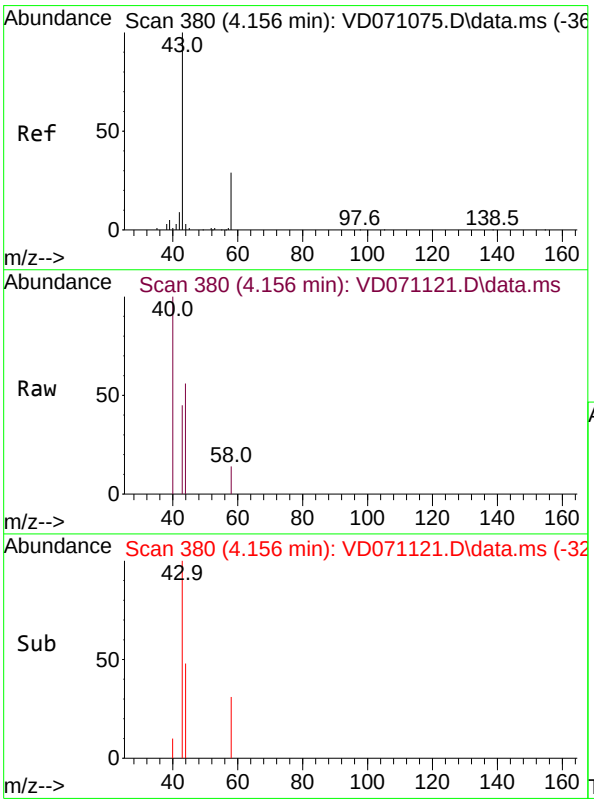
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion:168 Resp: 9493

Ion	Ratio	Lower	Upper
168	100		
99	53.9	46.6	69.8

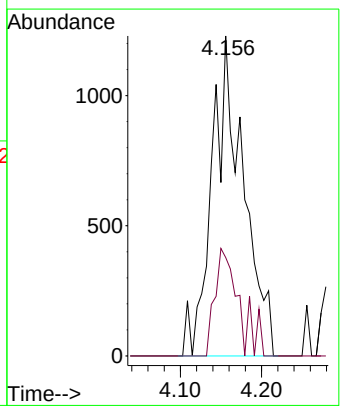


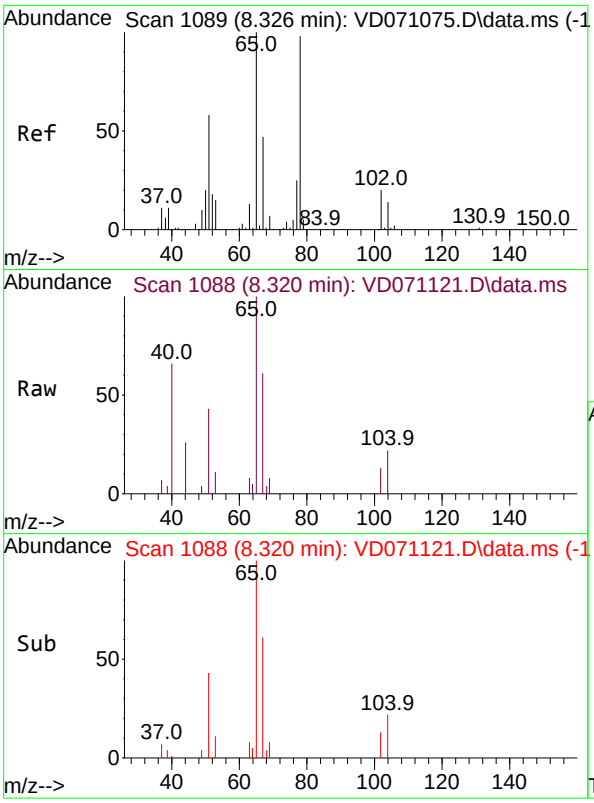


#16
Acetone
Concen: 128.918 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Tgt Ion: 43 Resp: 3310

Ion	Ratio	Lower	Upper
43	100		
58	30.8	27.8	41.8



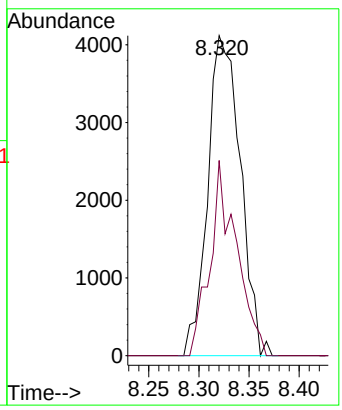


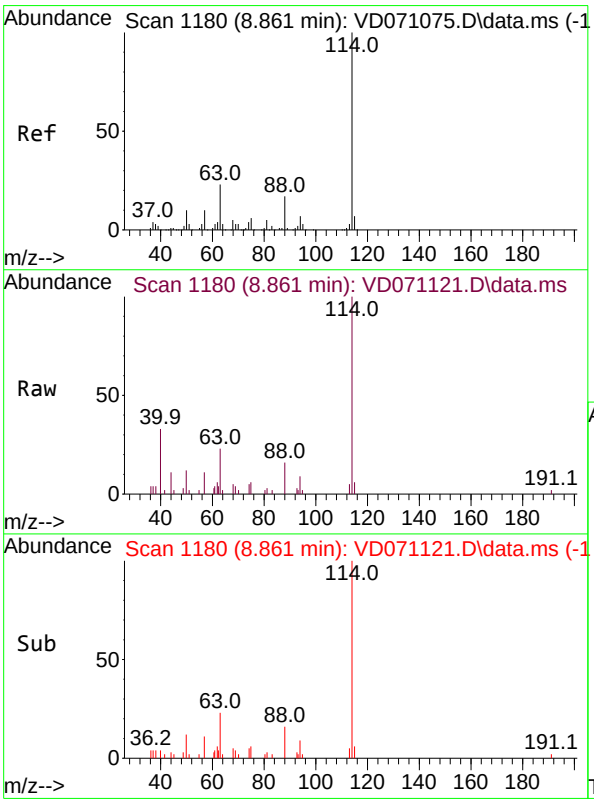
#33
1,2-Dichloroethane-d4
Concen: 83.536 ug/l
RT: 8.320 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion: 65 Resp: 9305

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	112.2

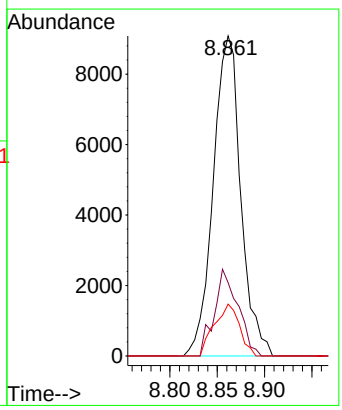


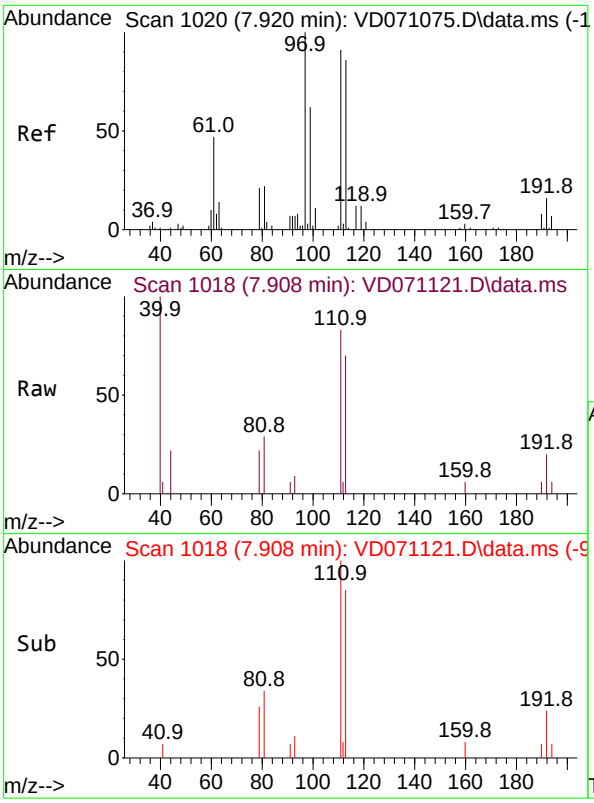


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Tgt Ion:114 Resp: 18354

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.8
88	16.2	0.0	32.8



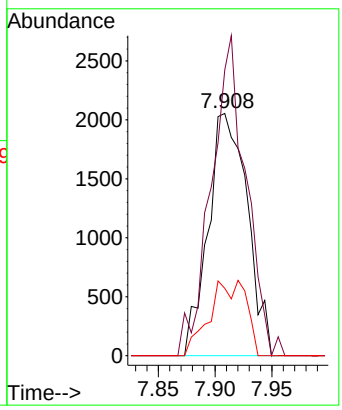


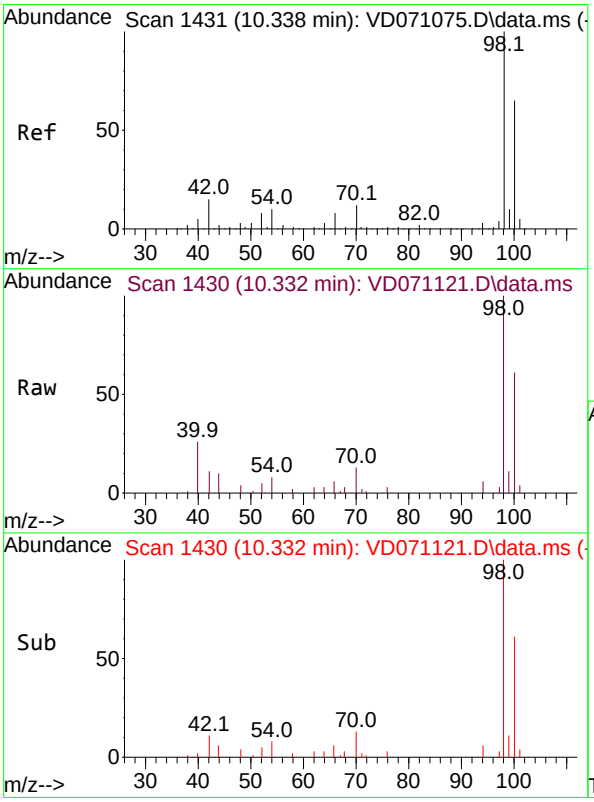
#35
Dibromofluoromethane
Concen: 42.241 ug/l
RT: 7.908 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion:113 Resp: 4937

Ion	Ratio	Lower	Upper
113	100		
111	117.1	82.0	123.0
192	18.7	15.2	22.8

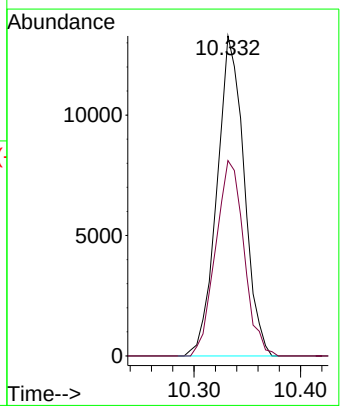


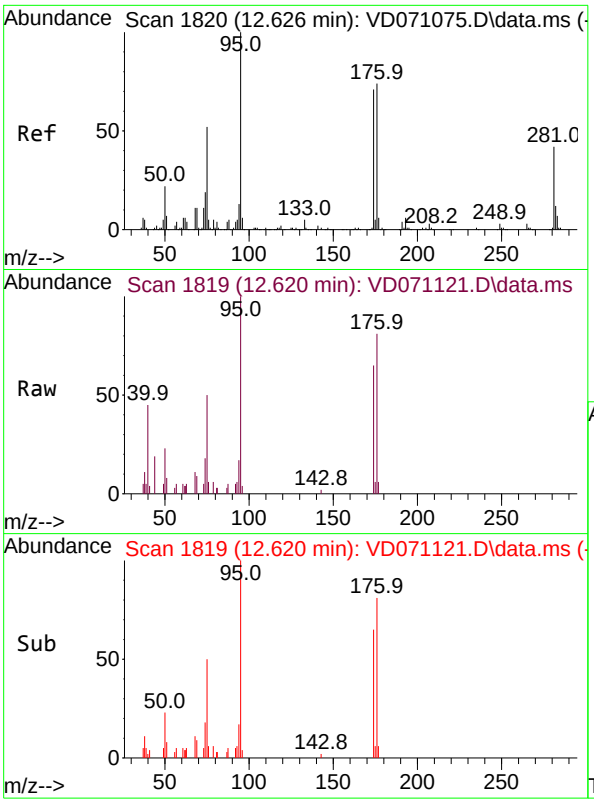


#50
Toluene-d8
Concen: 52.757 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Tgt Ion: 98 Resp: 23465

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.6



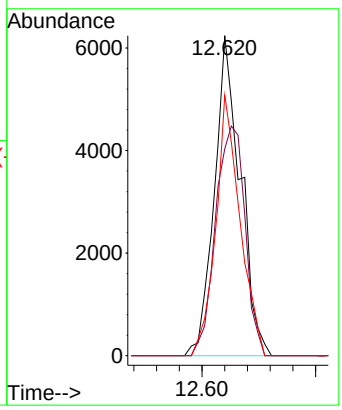


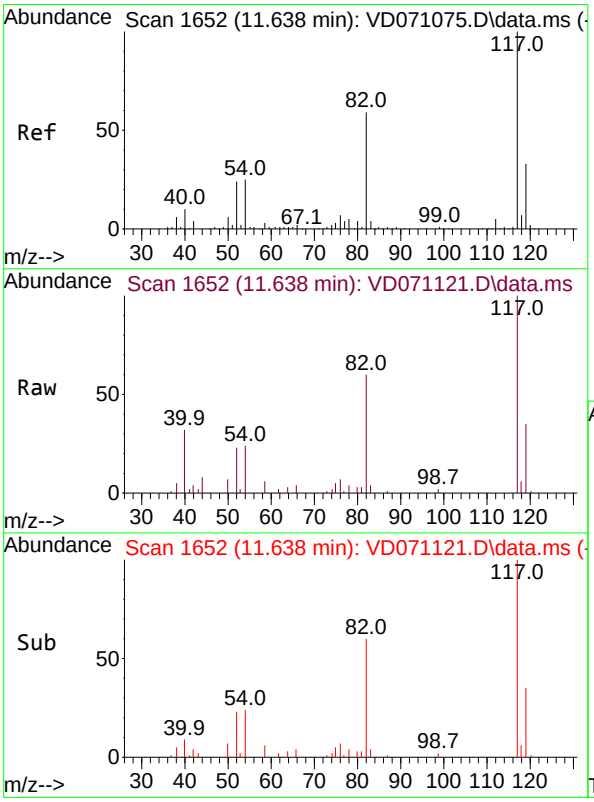
#62
4-Bromofluorobenzene
Concen: 64.336 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion: 95 Resp: 9919

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	159.4
176	76.1	0.0	154.0

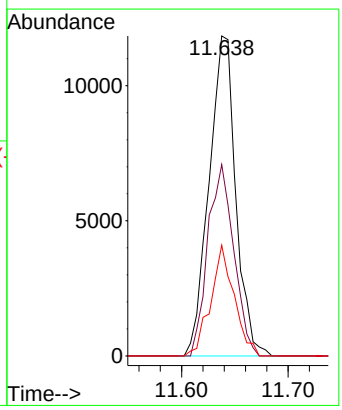


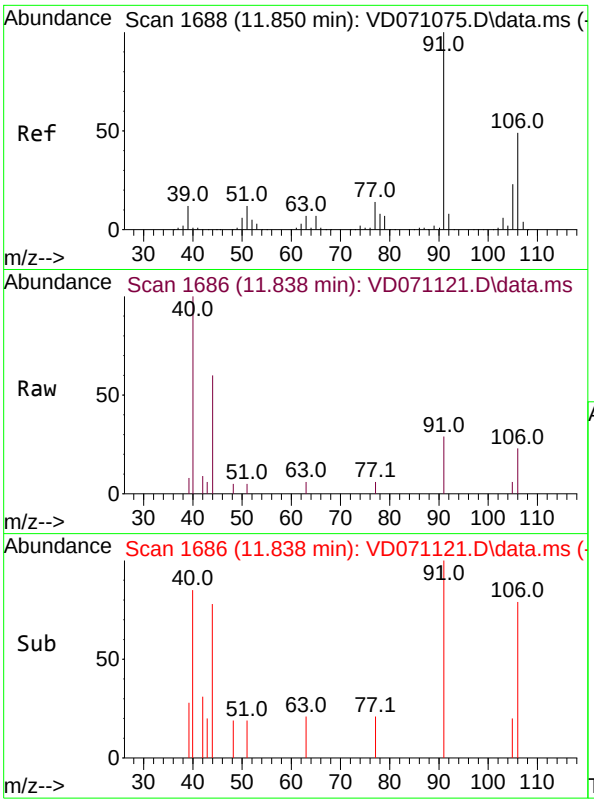


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Tgt Ion:117 Resp: 20658

Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.7	67.1
119	34.6	26.2	39.4



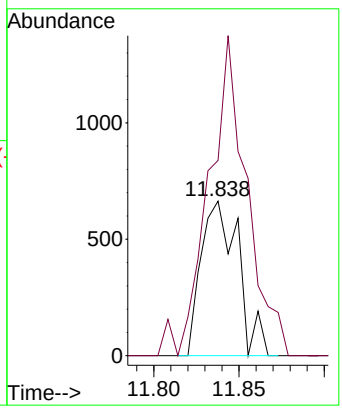


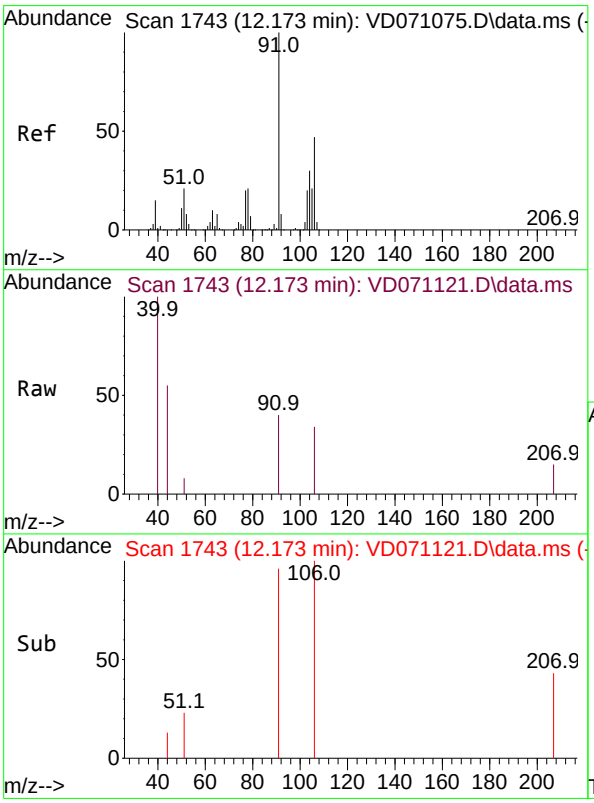
#68
m/p-Xylenes
Concen: 3.667 ug/l
RT: 11.838 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion:106 Resp: 999

Ion	Ratio	Lower	Upper
106	100		
91	214.9	160.1	240.1

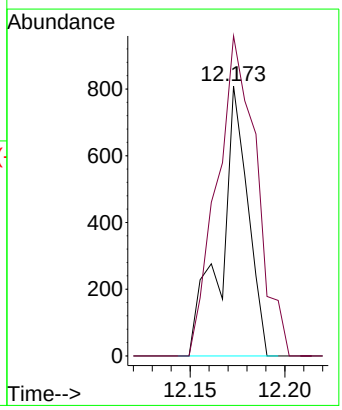


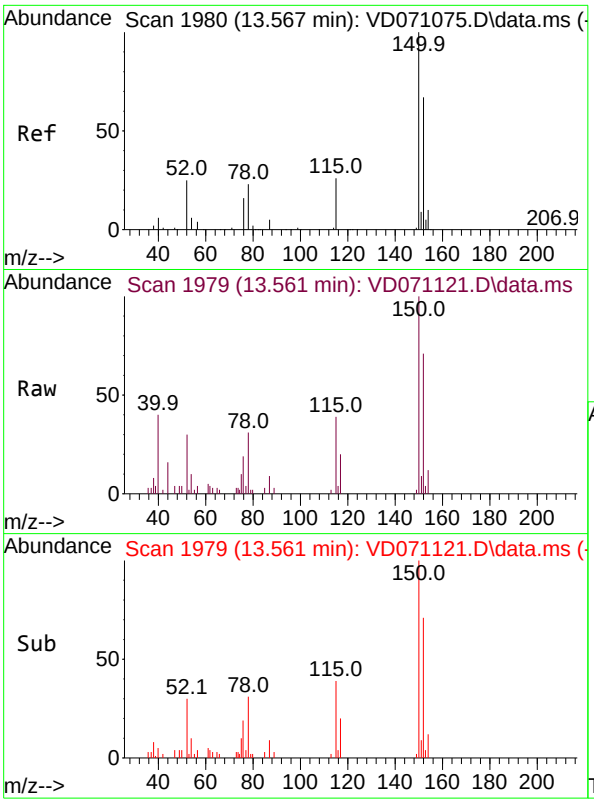


#69
o-Xylene
Concen: 3.121 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Tgt Ion:106 Resp: 799

Ion	Ratio	Lower	Upper
106	100		
91	174.3	106.3	319.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071121.D
Acq: 02 Dec 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
CL-02-120121

Tgt Ion:152 Resp: 10791

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.8	89.3
150	149.3	0.0	349.2