Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
Data File : VD071117.D
Acq On : 02 Dec 2021 14:48
Operator : VA/SY
Sample : M4893-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121

Quant Time: Dec 03 00:37:51 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	7.997	168	148	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.873	114	756	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.638	117	78	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	60	34.550	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 69.100%			
35) Dibromofluoromethane	7.902	113	158	32.820	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 65.640%			
50) Toluene-d8	10.326	98	804	43.886	ug/l	-0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.780%			
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount 50.000	Range 25 - 144		Recovery = 0.000%#			
Target Compounds						Qvalue

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

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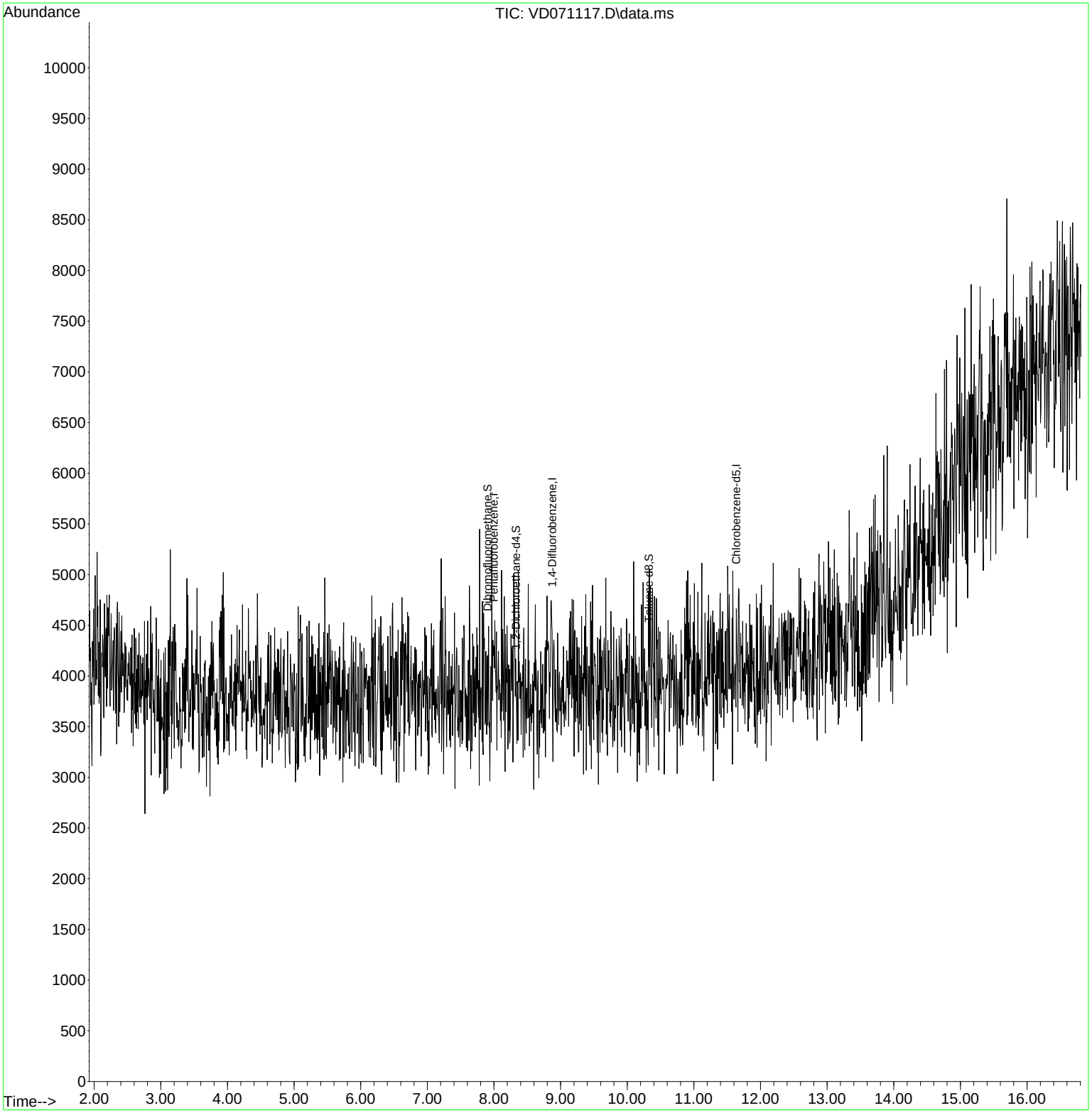
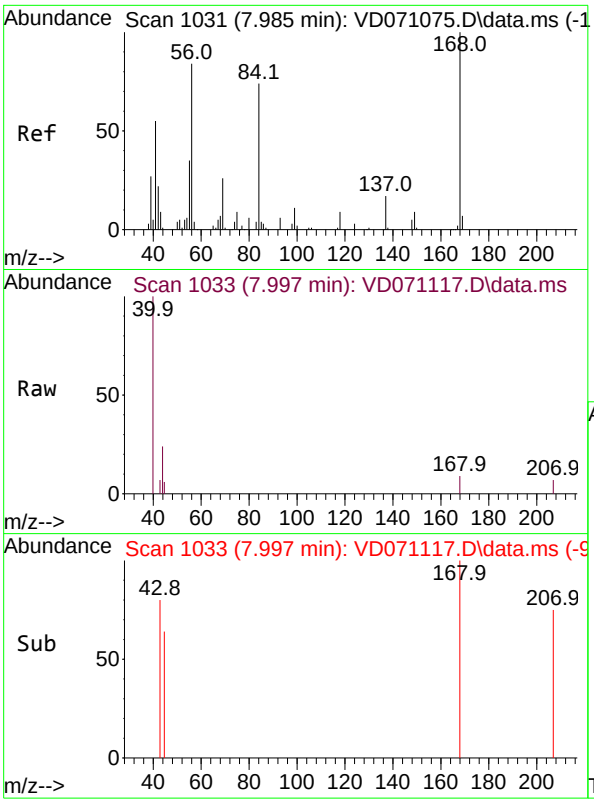


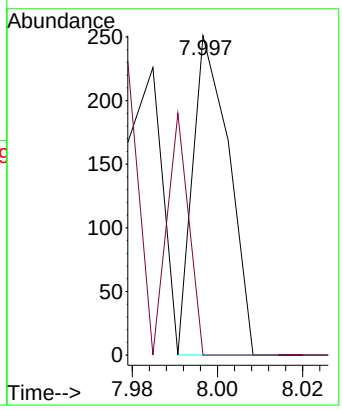


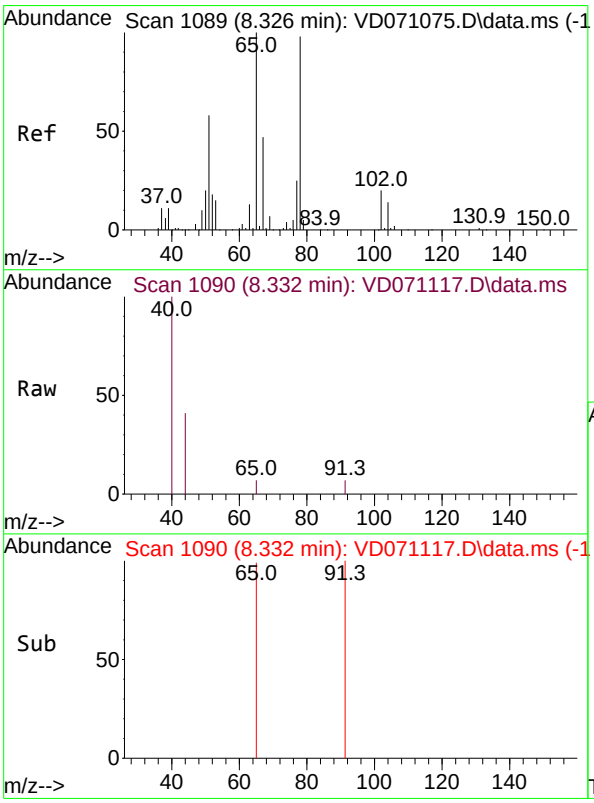
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.997 min Scan# 1
Delta R.T. 0.012 min
Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121

Tgt Ion:168 Resp: 148

Ion	Ratio	Lower	Upper
168	100		
99	0.0	46.6	69.8#

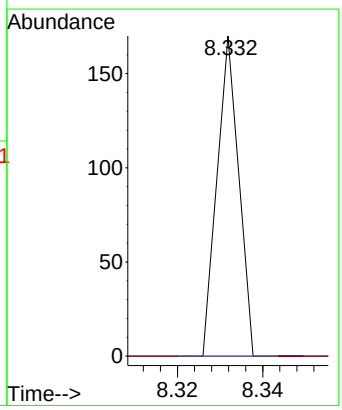


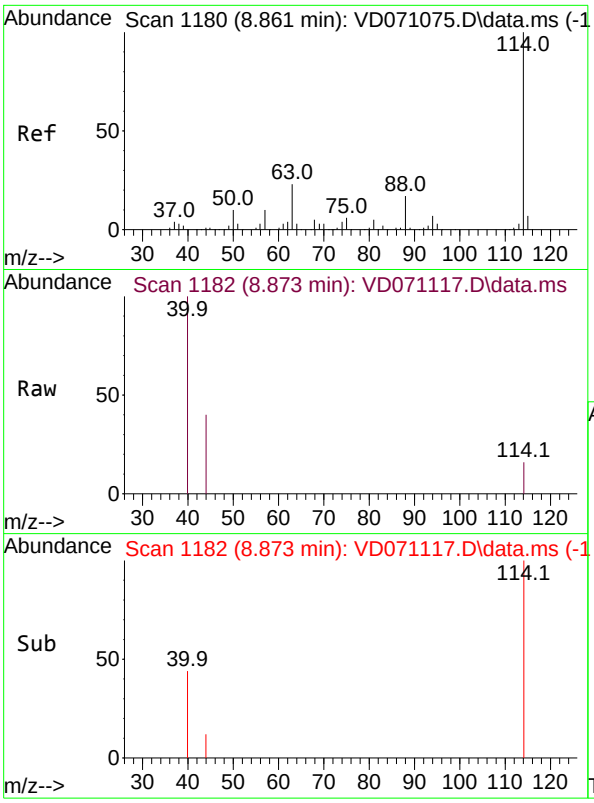


#33
1,2-Dichloroethane-d4
Concen: 34.550 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Tgt Ion: 65 Resp: 60

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	112.2



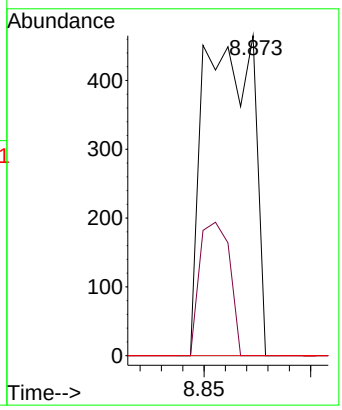


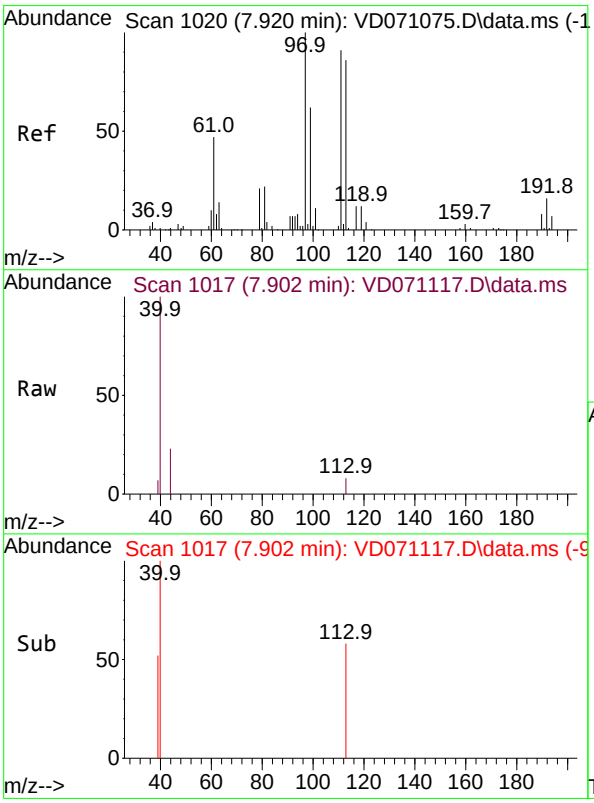
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.873 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121

Tgt Ion:114 Resp: 756

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

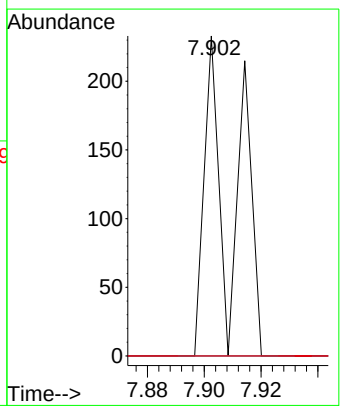


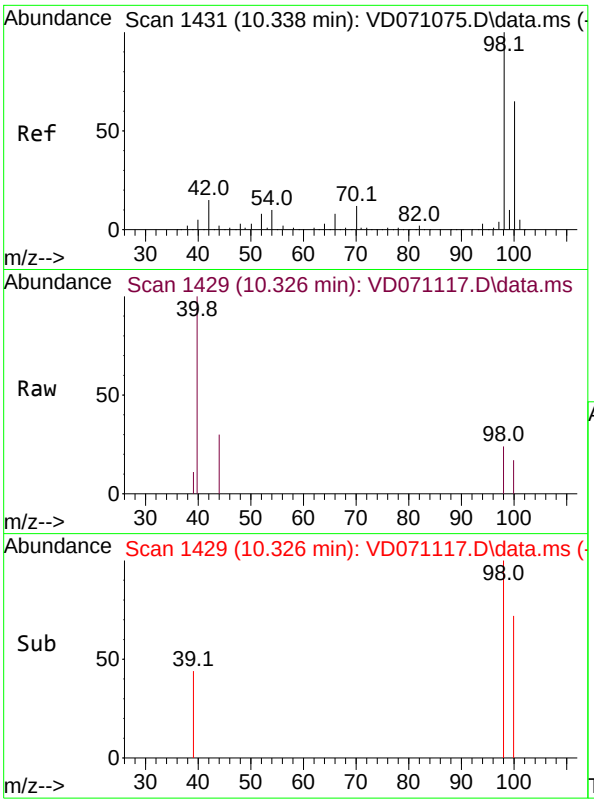


#35
Dibromofluoromethane
Concen: 32.820 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.018 min
Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Tgt Ion:113 Resp: 158

Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.0	123.0#
192	0.0	15.2	22.8#



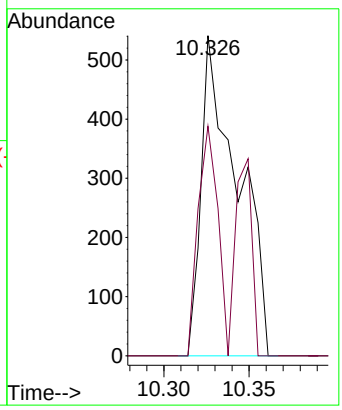


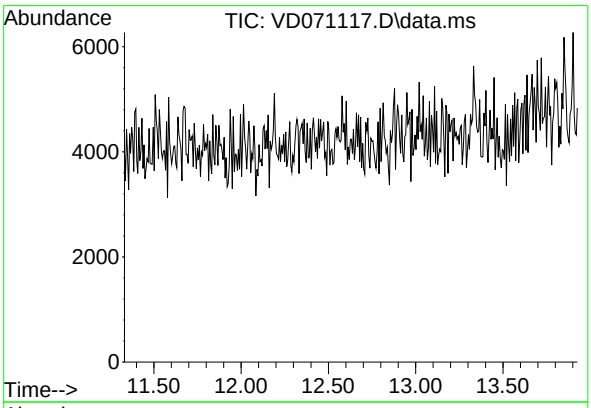
#50
Toluene-d8
Concen: 43.886 ug/l
RT: 10.326 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121

Tgt Ion: 98 Resp: 804

Ion	Ratio	Lower	Upper
98	100		
100	38.9	51.8	77.6#



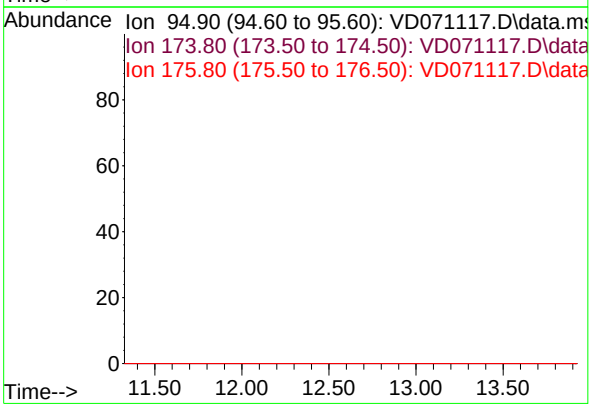


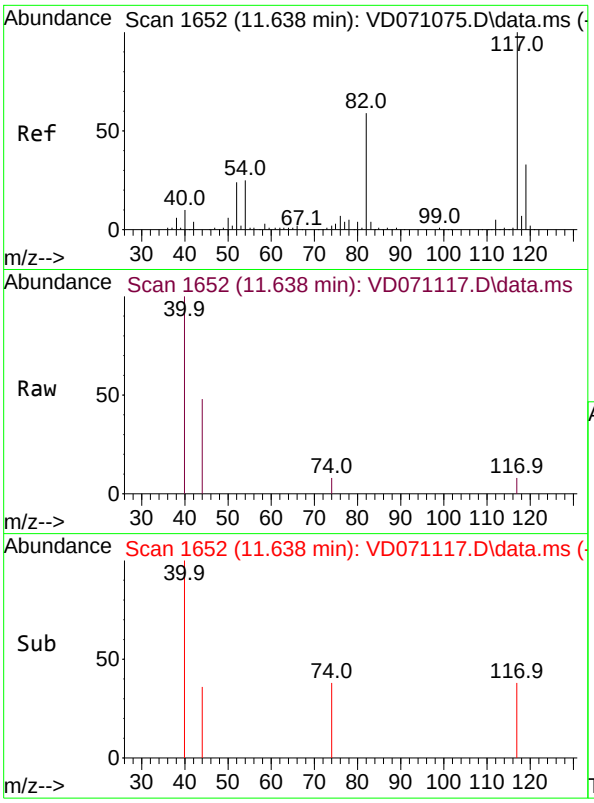
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	79.7
176	77.0



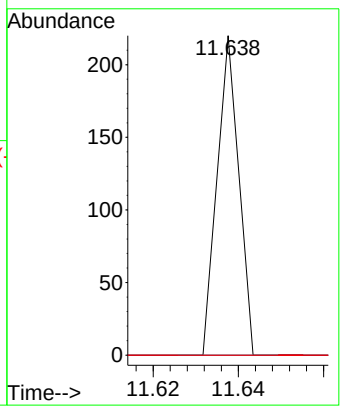


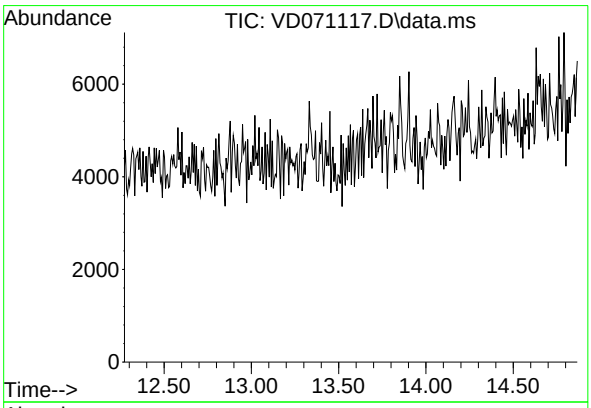
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121

Tgt Ion:117 Resp: 78

Ion	Ratio	Lower	Upper
117	100		
82	0.0	44.7	67.1#
119	0.0	26.2	39.4#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD071117.D
Acq: 02 Dec 2021 14:48

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	59.5
150	174.6