Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001101.D
Acq On : 27 Dec 2019 16:28
Operator : SY/MD
Sample : K6439-01
Misc : 4.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : LIED-BF001-01

Quant Time: Dec 30 01:39:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127508	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.24%			
35) Dibromofluoromethane	7.73	113	125569	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.22%			
50) Toluene-d8	10.18	98	504394	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.98%			
62) 4-Bromofluorobenzene	12.48	95	167490	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.62%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	5733	2.098	ug/l	99
16) Acetone	3.96	43	11122	21.247	ug/l	98

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

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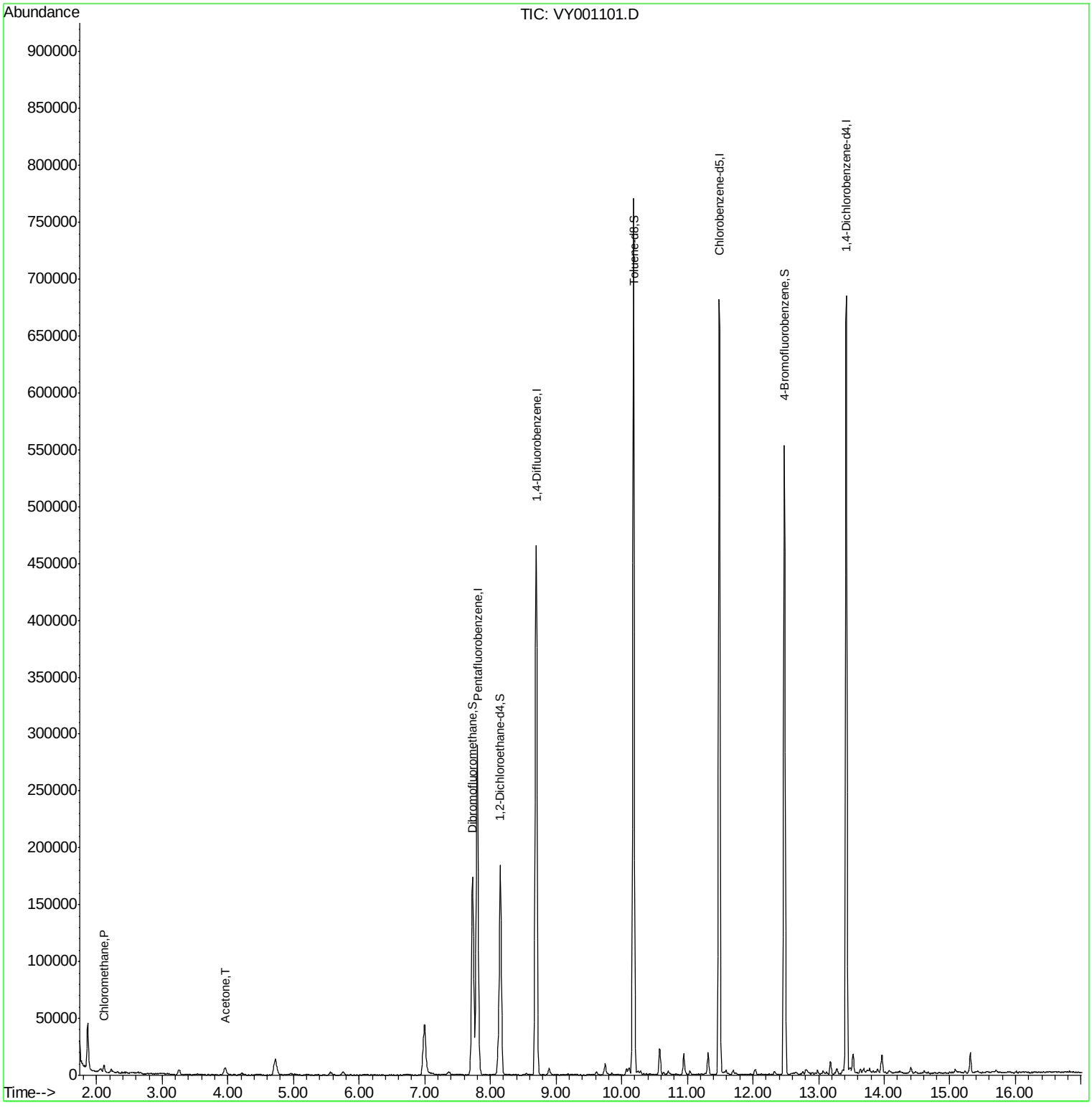
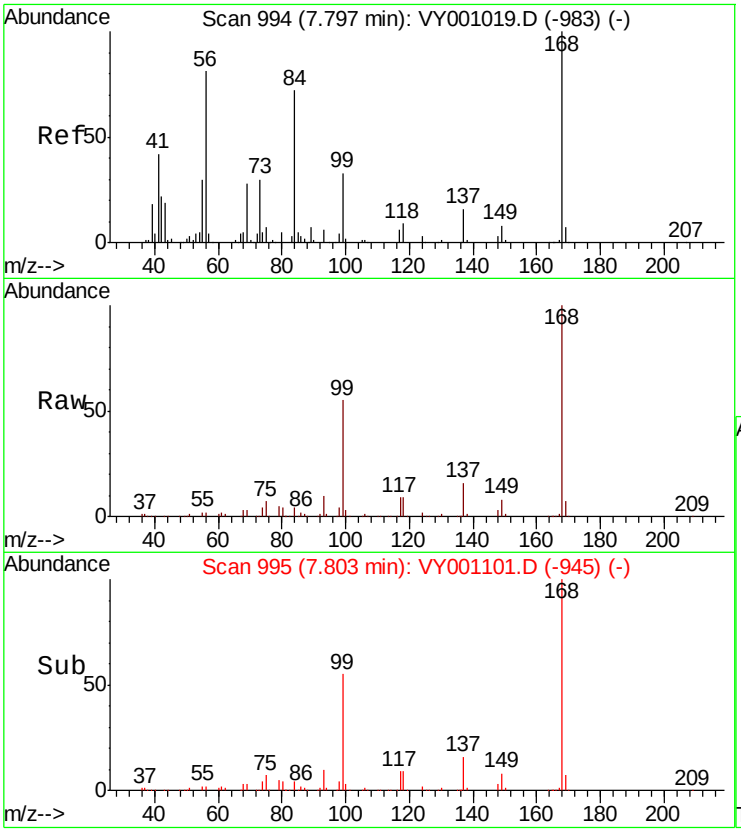


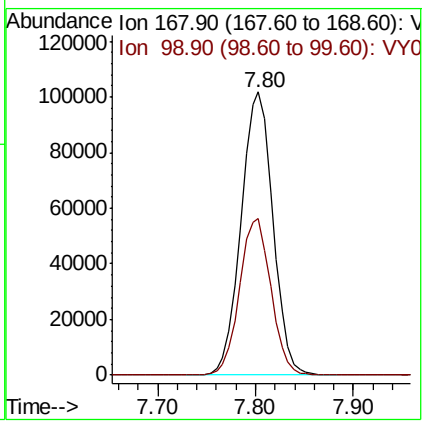


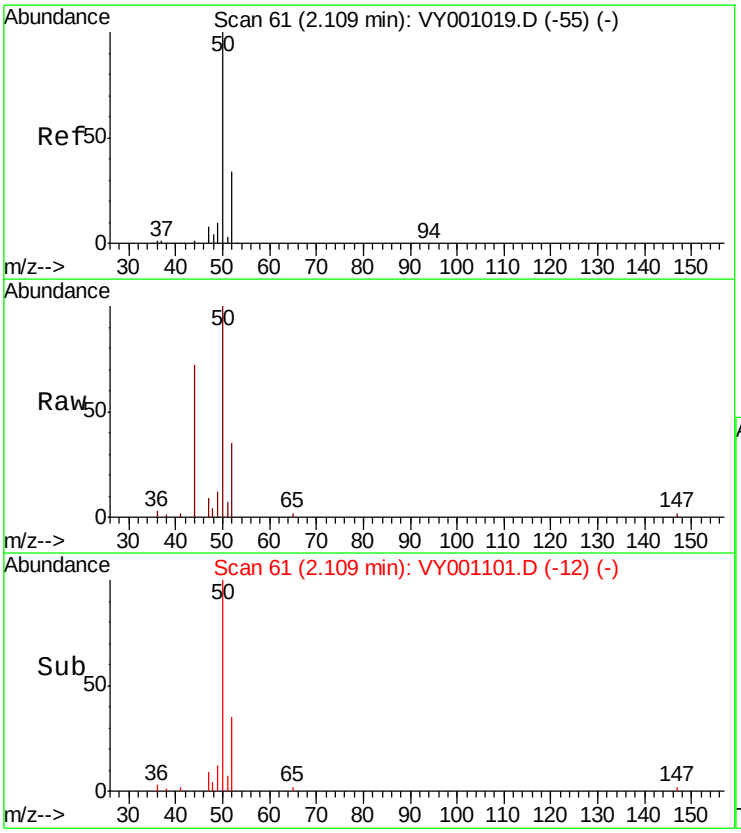
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Instrument : MSVOA_Y
ClientSampleId : LIED-BF001-01

Tgt Ion:168 Resp: 230386

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.0	66.0

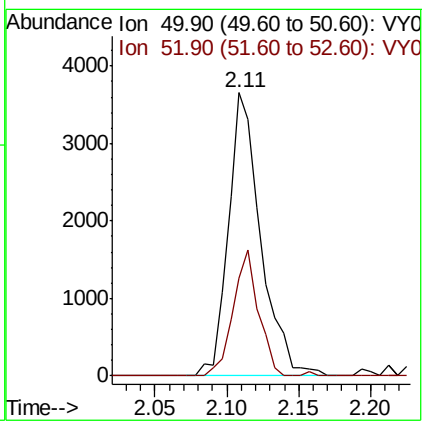


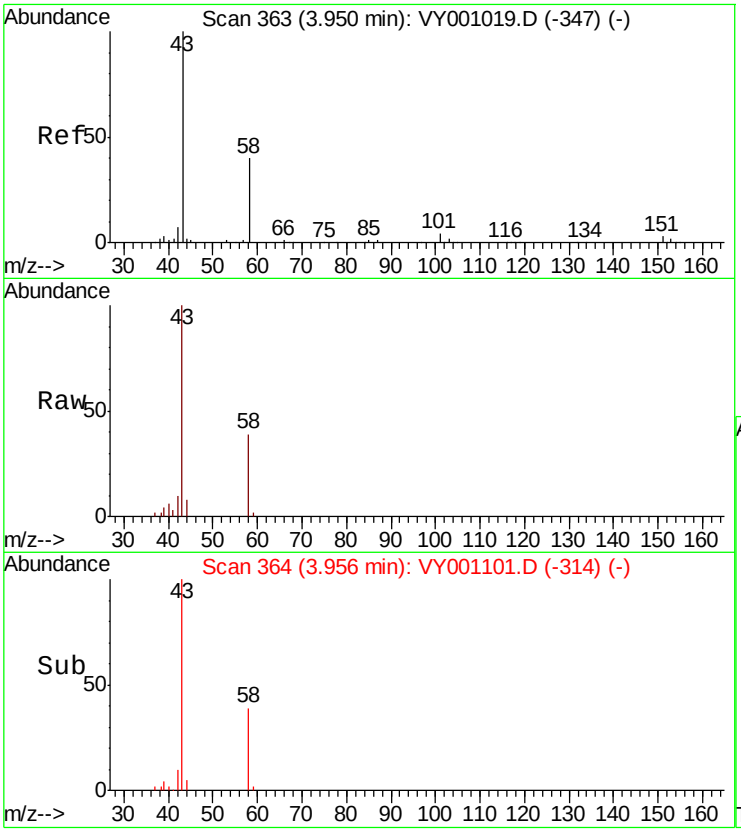


#3
Chloromethane
Concen: 2.098 ug/l
RT: 2.11 min Scan# 61
Delta R.T. 0.00 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Tgt Ion: 50 Resp: 5733

Ion	Ratio	Lower	Upper
50	100		
52	34.7	27.1	40.7



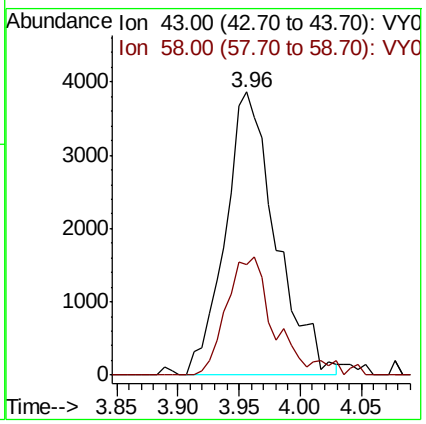


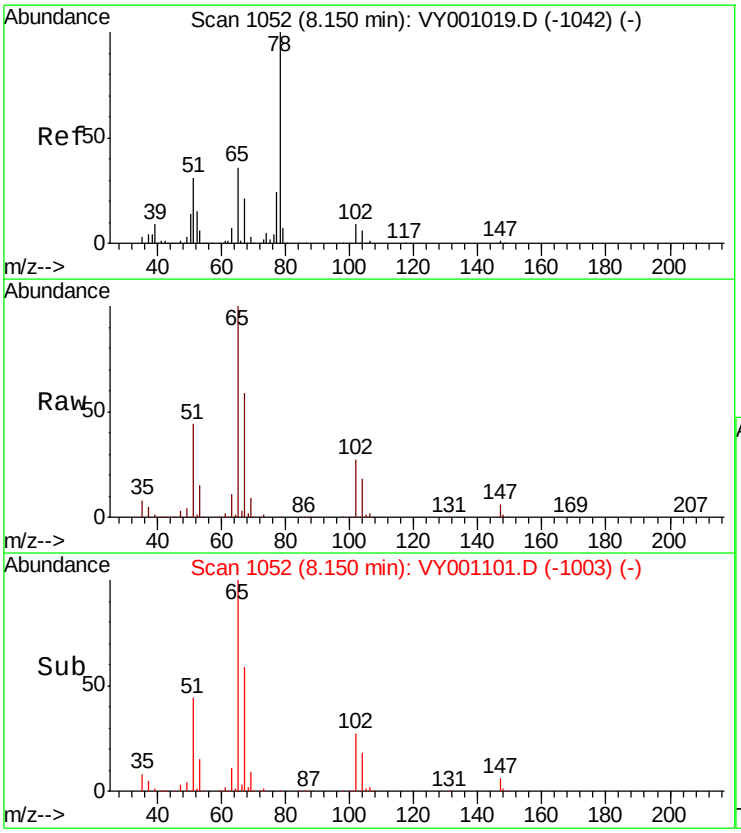
#16
Acetone
Concen: 21.247 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF001-01

Tgt Ion: 43 Resp: 11122

Ion	Ratio	Lower	Upper
43	100		
58	38.8	32.1	48.1

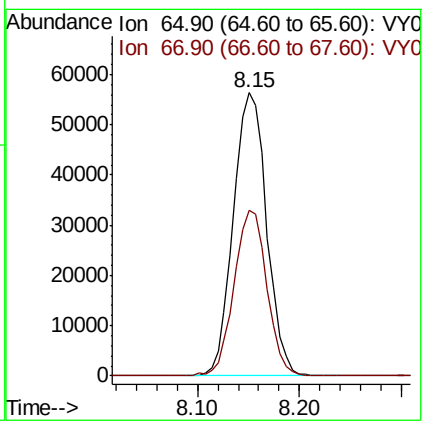


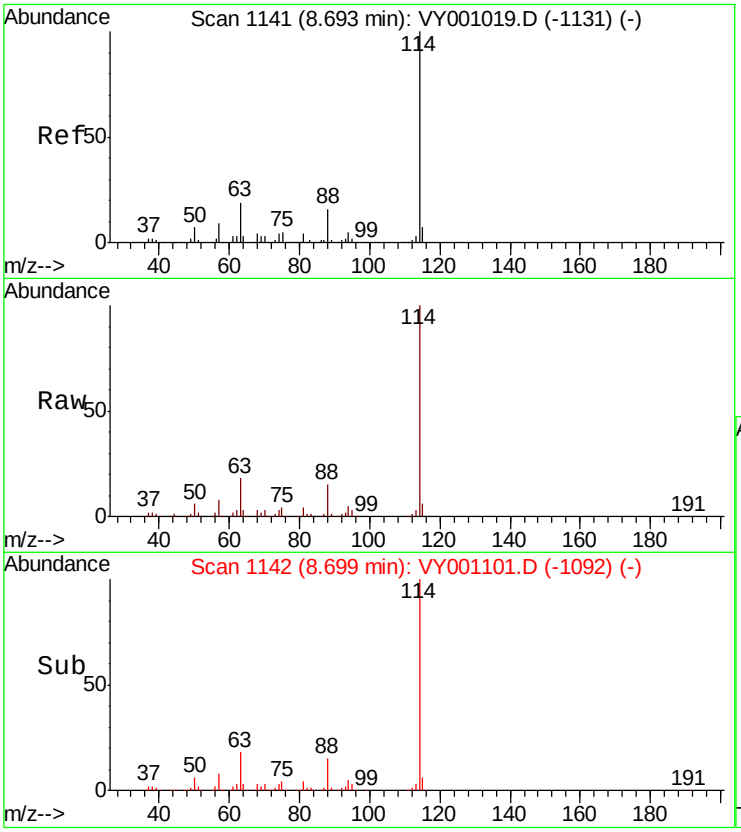


#33
1,2-Dichloroethane-d4
Concen: 56.115 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Tgt Ion: 65 Resp: 127508

Ion	Ratio	Lower	Upper
65	100		
67	57.6	0.0	112.8



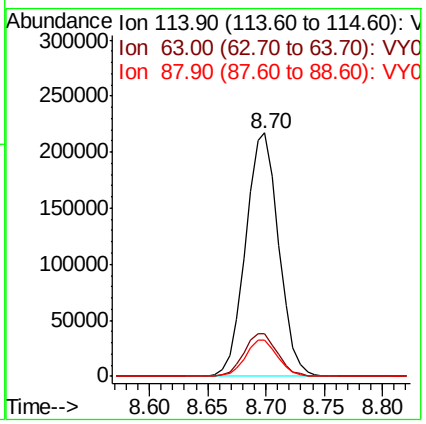


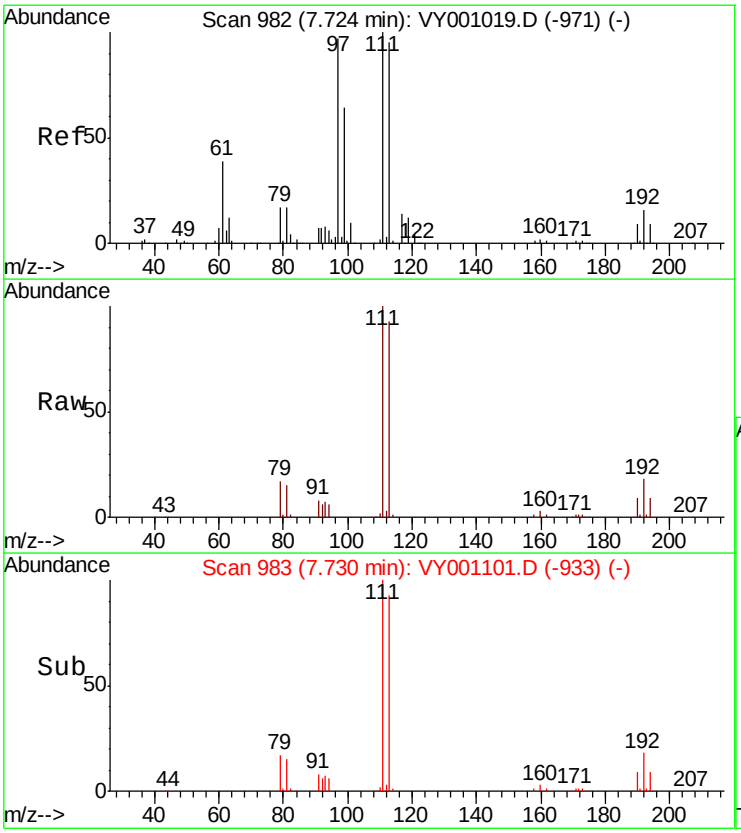
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF001-01

Tgt Ion:114 Resp: 429863

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	37.0
88	14.8	0.0	32.0

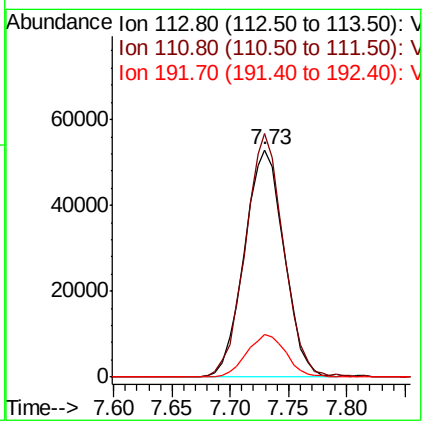


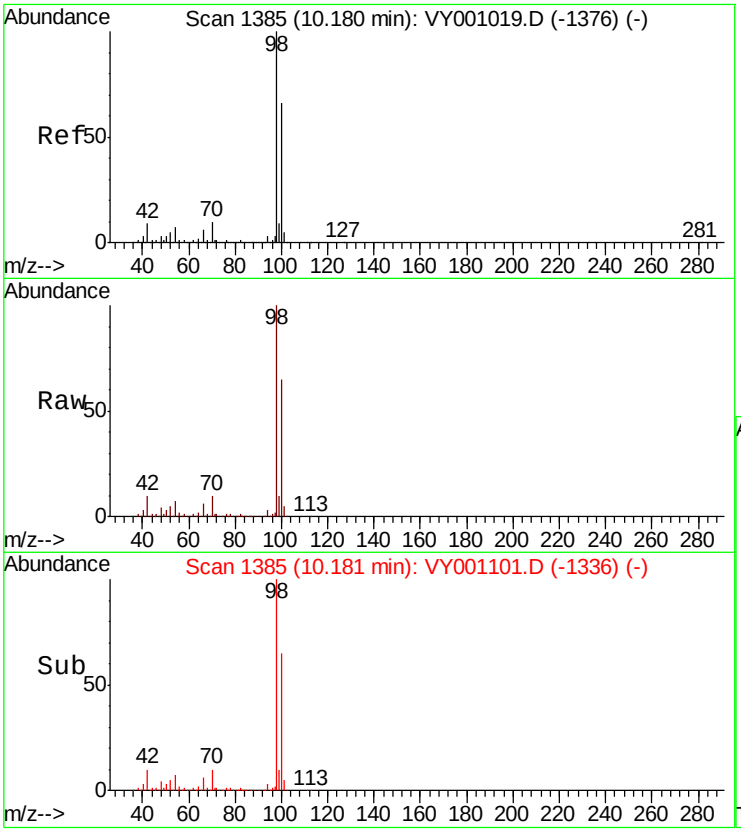


#35
Dibromofluoromethane
Concen: 49.607 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Tgt Ion:113 Resp: 125569

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	18.5	14.6	21.8



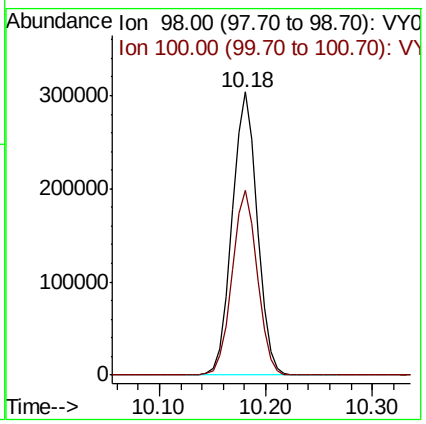


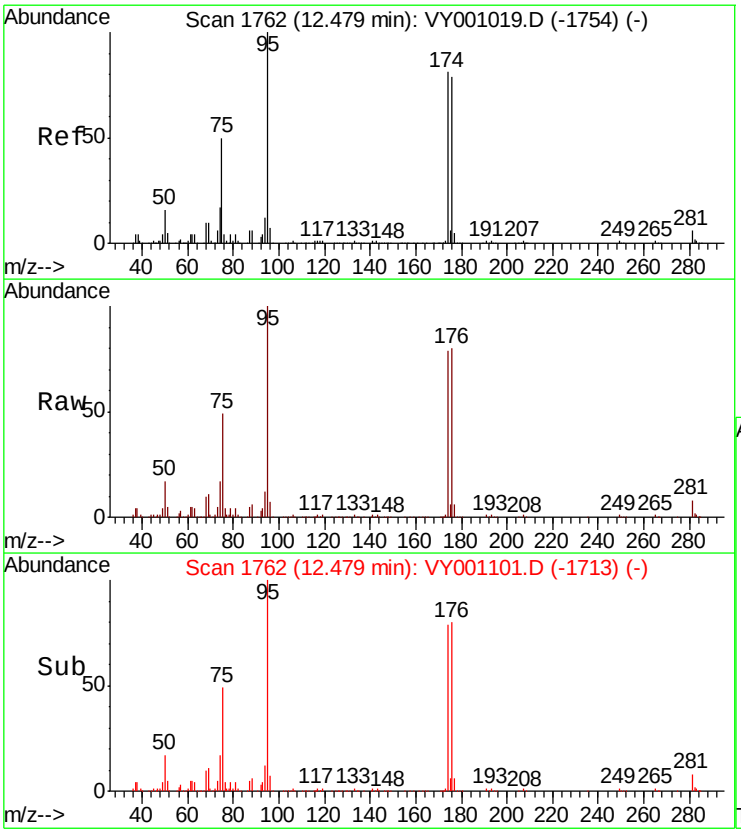
#50
Toluene-d8
Concen: 50.989 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Instrument : MSVOA_Y
ClientSampleId : LIED-BF001-01

Tgt Ion: 98 Resp: 504394

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4

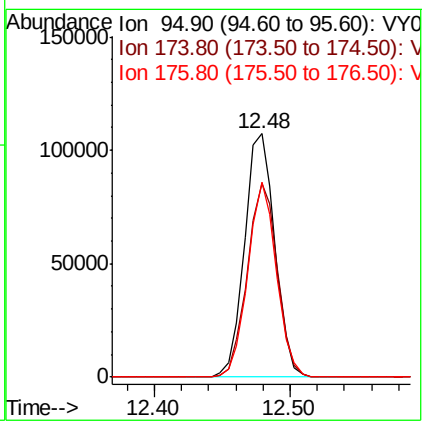


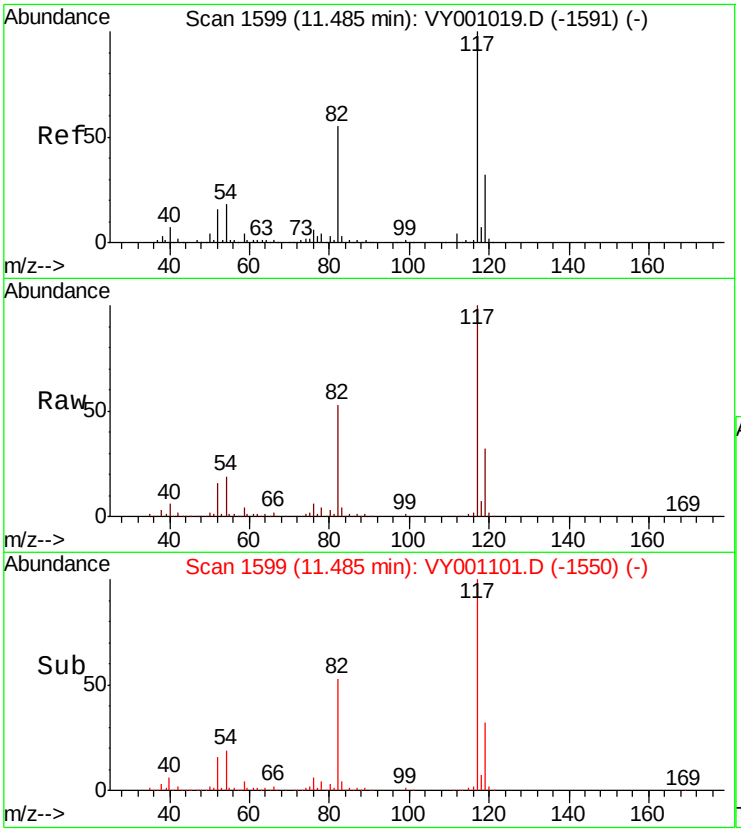


#62
4-Bromofluorobenzene
Concen: 46.310 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Tgt Ion: 95 Resp: 167490

Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	156.4
176	75.8	0.0	155.0



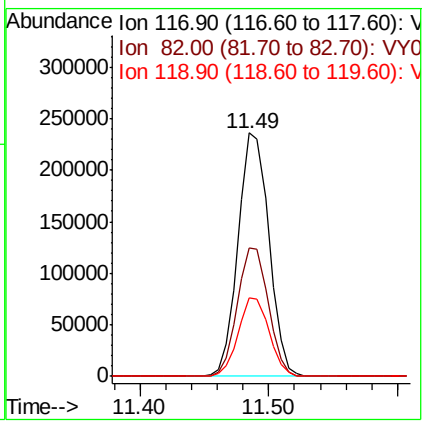


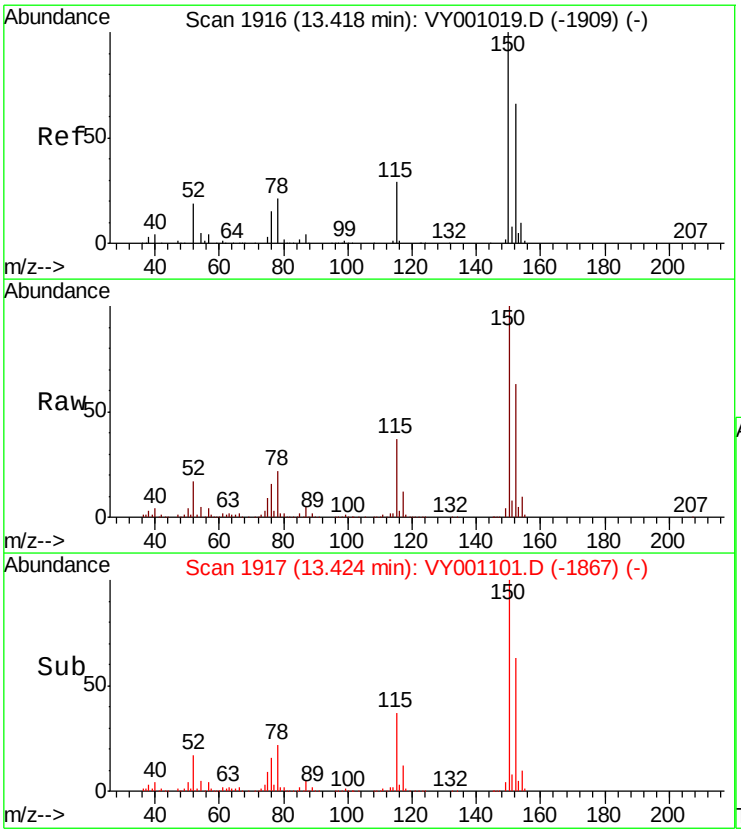
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Instrument : MSVOA_Y
ClientSampleId : LIED-BF001-01

Tgt Ion:117 Resp: 390658

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.8
119	32.0	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001101.D
Acq: 27 Dec 2019 16:28

Tgt Ion:152 Resp: 175140

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.8	89.3
150	160.0	0.0	352.6