Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062357.D
Acq On : 7 May 2019 15:05
Operator : FY/SY
Sample : K2635-01
Misc : 5.59g/5mL/MSVOA_F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-05-050219-A

Quant Time: May 07 15:58:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	326945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	445931	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	319128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	184960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	127276	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.38%			
35) Dibromofluoromethane	4.30	113	158392	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.16%			
50) Toluene-d8	7.71	98	306310	35.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.24%			
62) 4-Bromofluorobenzene	11.49	95	135014	34.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.60%			
Target Compounds						Qvalue
51) 4-Methyl-2-Pentanone	8.40	43	10521	7.969	ug/l	90
59) 2-Hexanone	9.62	43	9208	10.084	ug/l	99
69) o-Xylene	10.81	106	6803	1.845	ug/l	80
80) 1,3,5-Trimethylbenzene	11.89	105	22080	2.297	ug/l	99
84) 1,2,4-Trimethylbenzene	12.26	105	18819	2.001	ug/l	92

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

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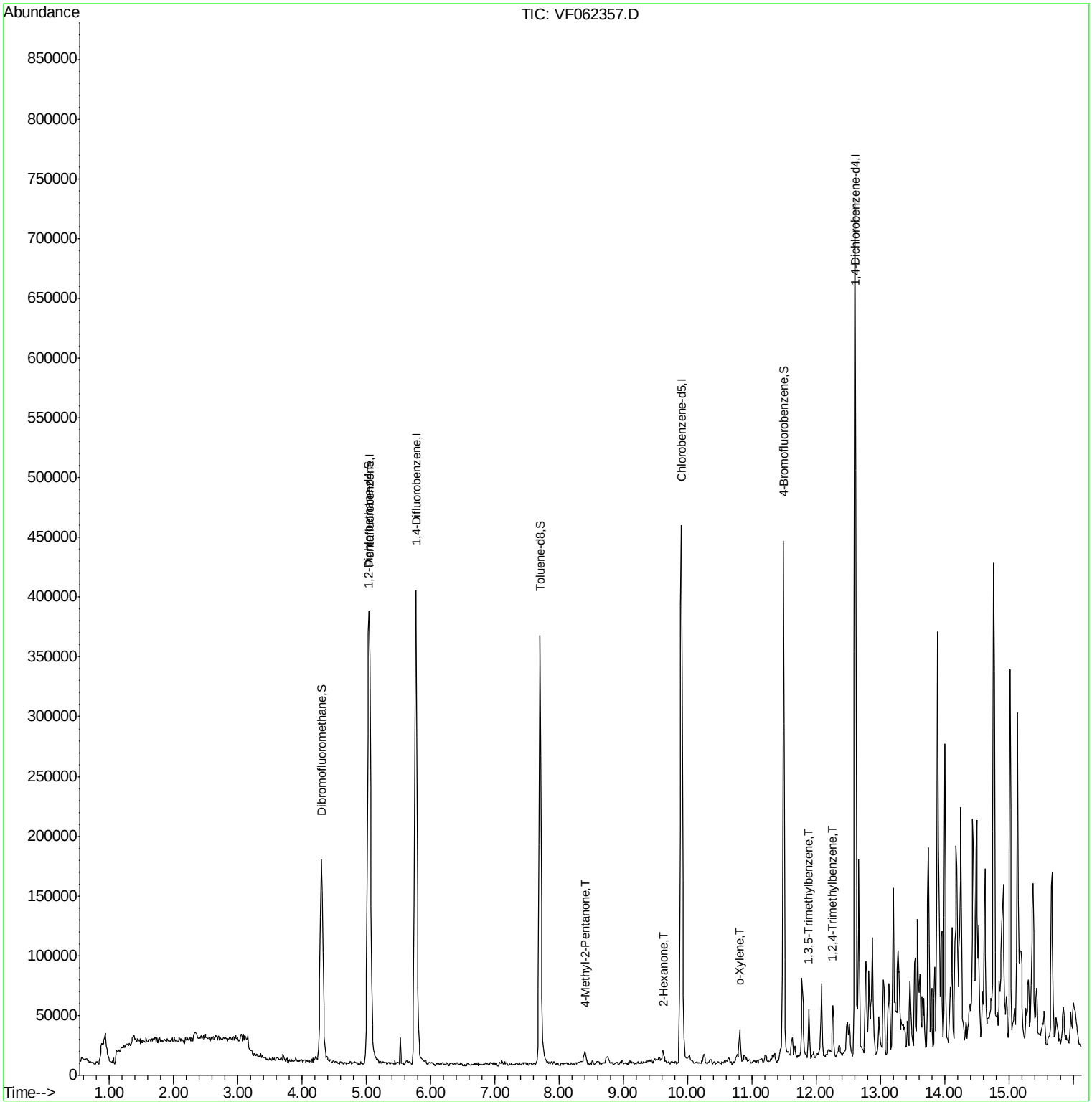
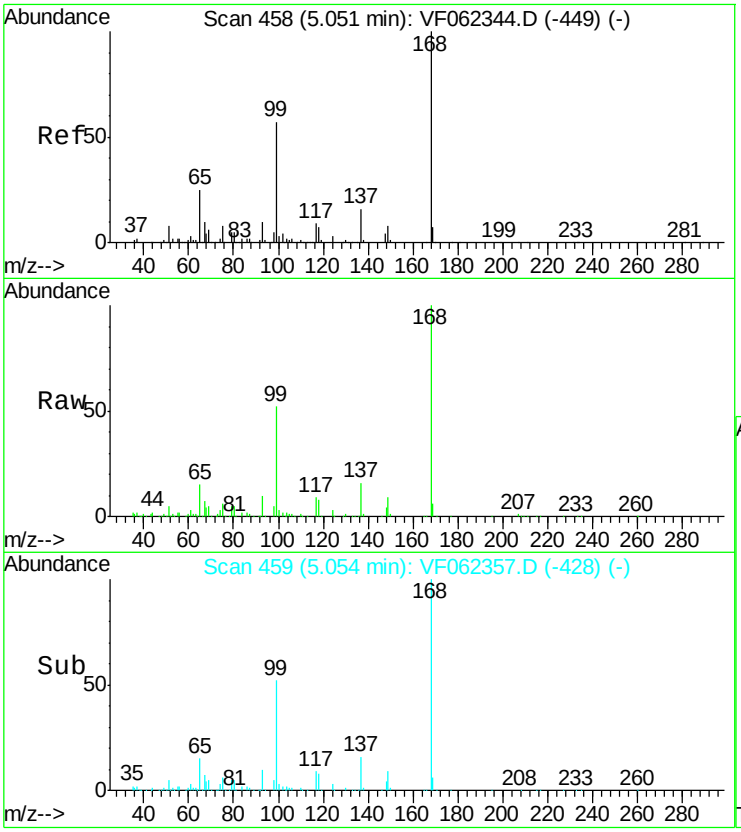


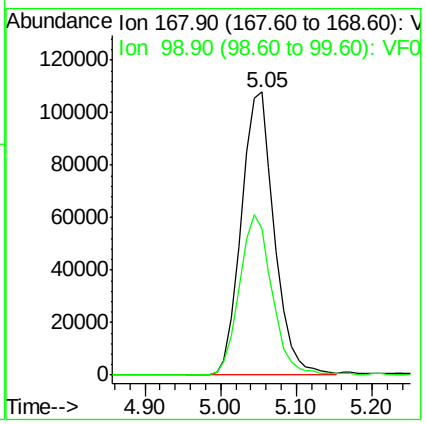


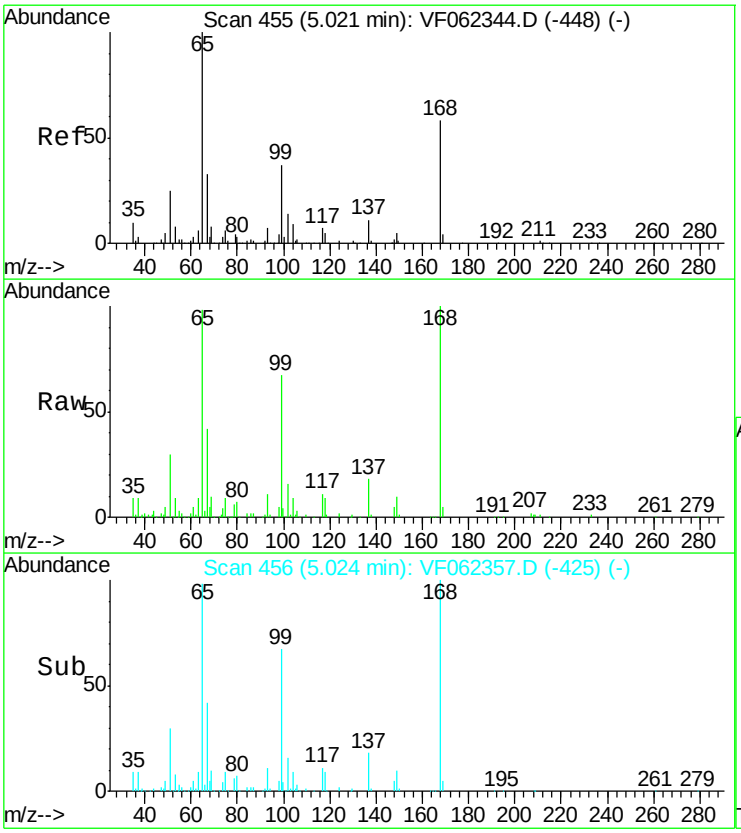
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
AU-05-050219-A

Tgt Ion:168 Resp: 326945

Ion	Ratio	Lower	Upper
168	100		
99	52.0	45.9	68.9

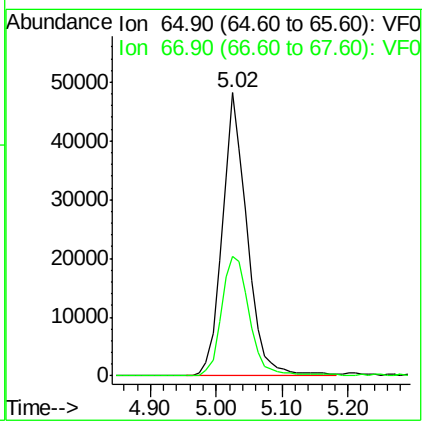


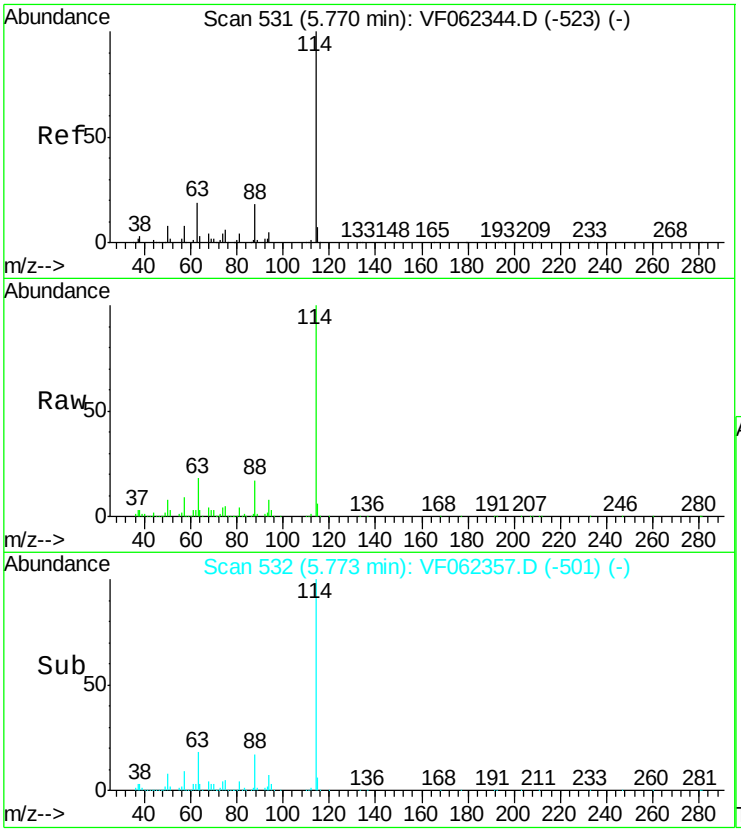


#33
1,2-Dichloroethane-d4
Concen: 41.193 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion: 65 Resp: 127276

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	85.8



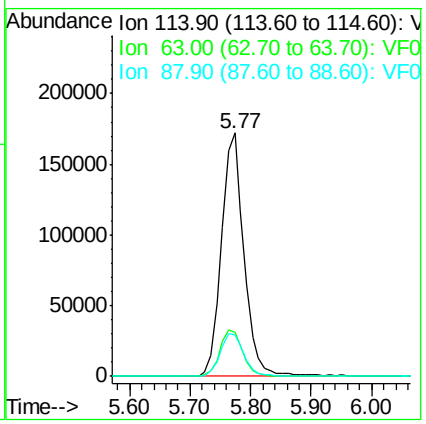


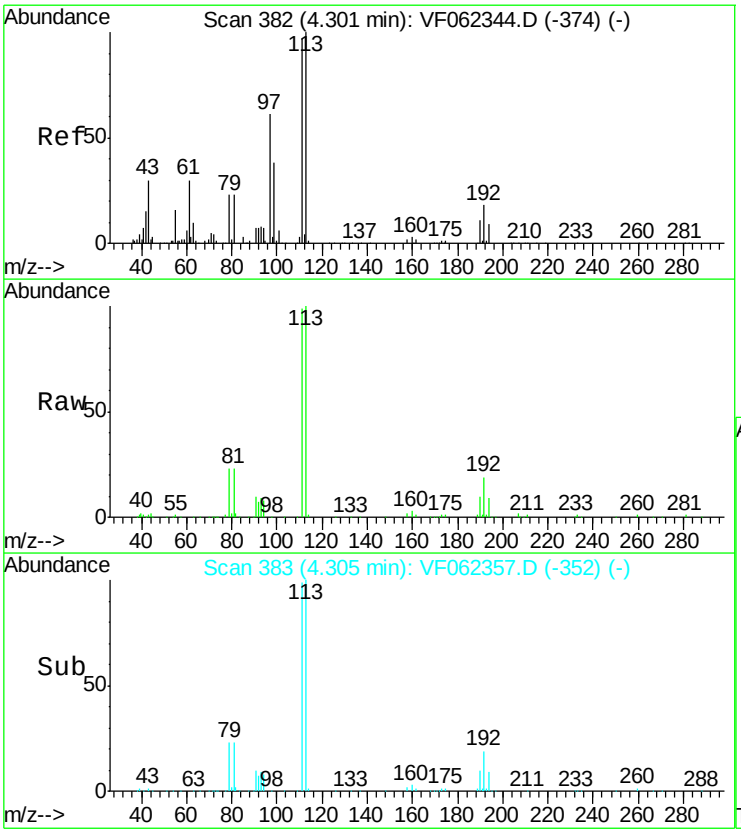
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
AU-05-050219-A

Tgt Ion:114 Resp: 445931

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	37.4
88	17.1	0.0	36.4

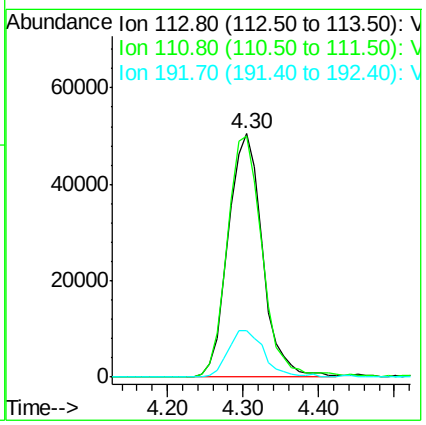


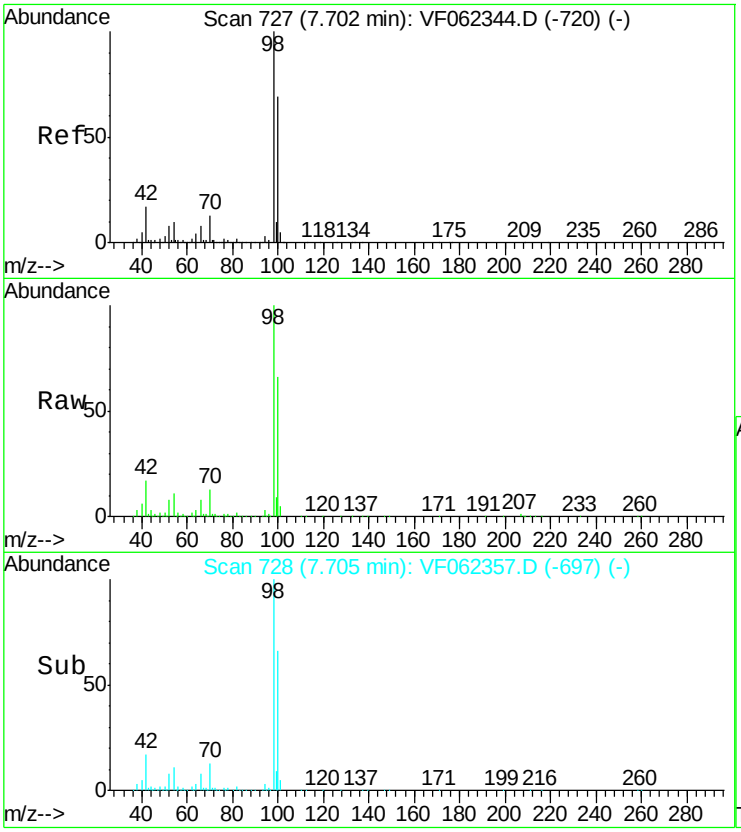


#35
Dibromofluoromethane
Concen: 44.584 ug/l
RT: 4.30 min Scan# 383
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion:113 Resp: 158392

Ion	Ratio	Lower	Upper
113	100		
111	101.6	79.4	119.0
192	20.4	16.0	24.0



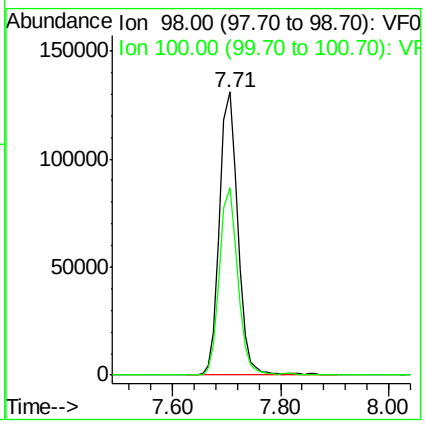


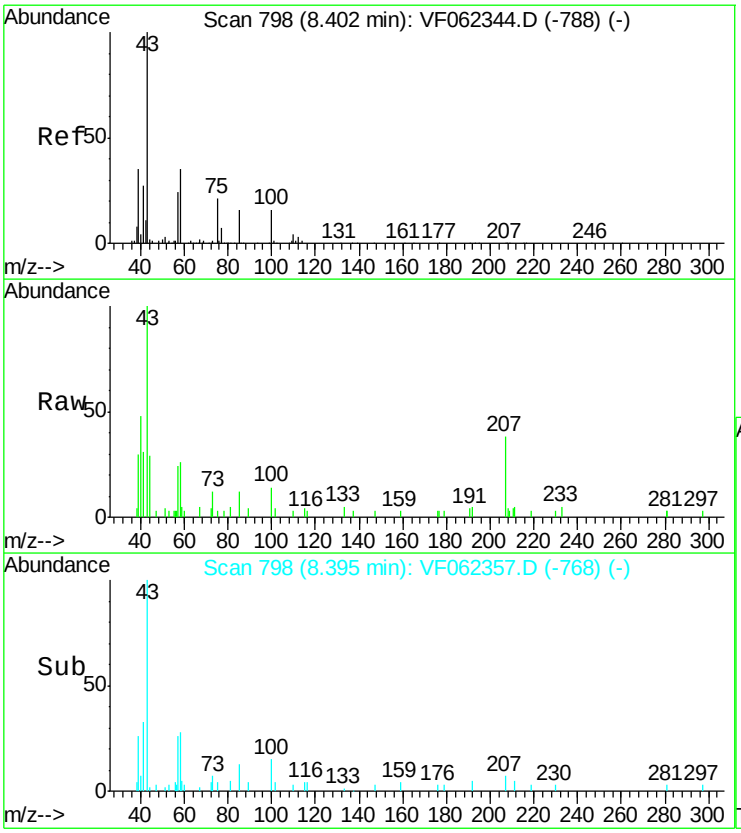
#50
Toluene-d8
Concen: 35.619 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Instrument : MSVOA_F
ClientSampleId : AU-05-050219-A

Tgt Ion: 98 Resp: 306310

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9

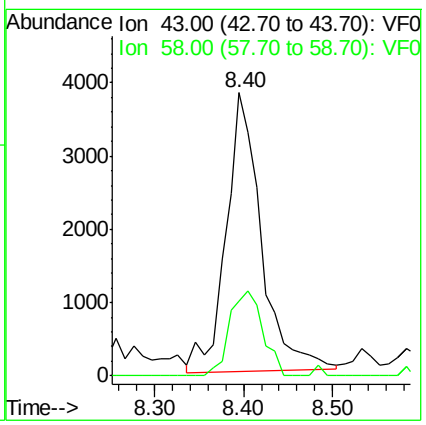


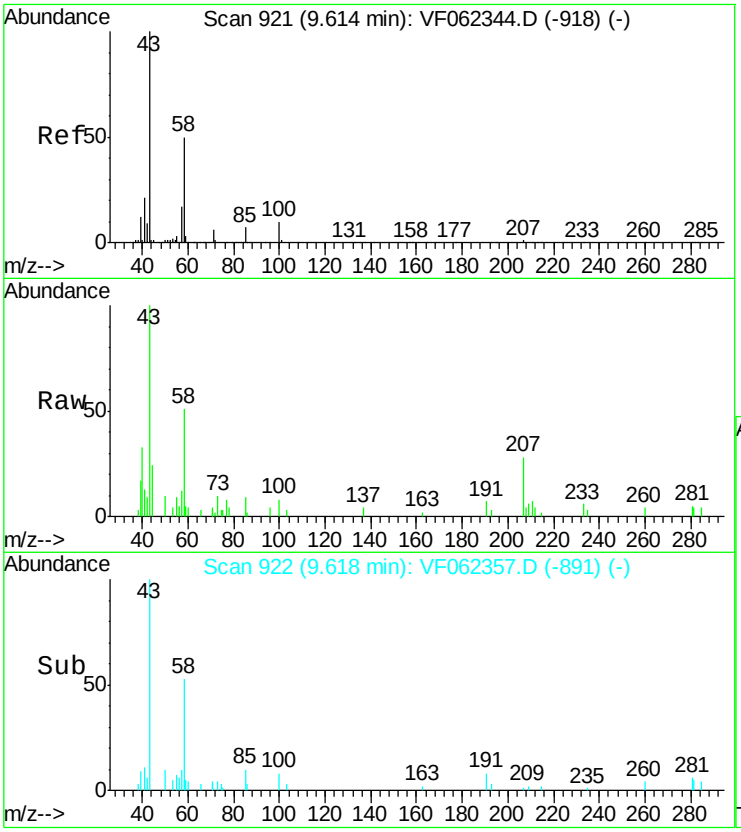


#51
4-Methyl-2-Pentanone
Concen: 7.969 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion: 43 Resp: 10521

Ion	Ratio	Lower	Upper
43	100		
58	28.7	27.8	41.6



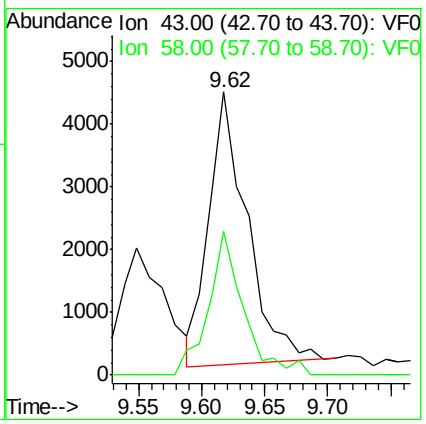


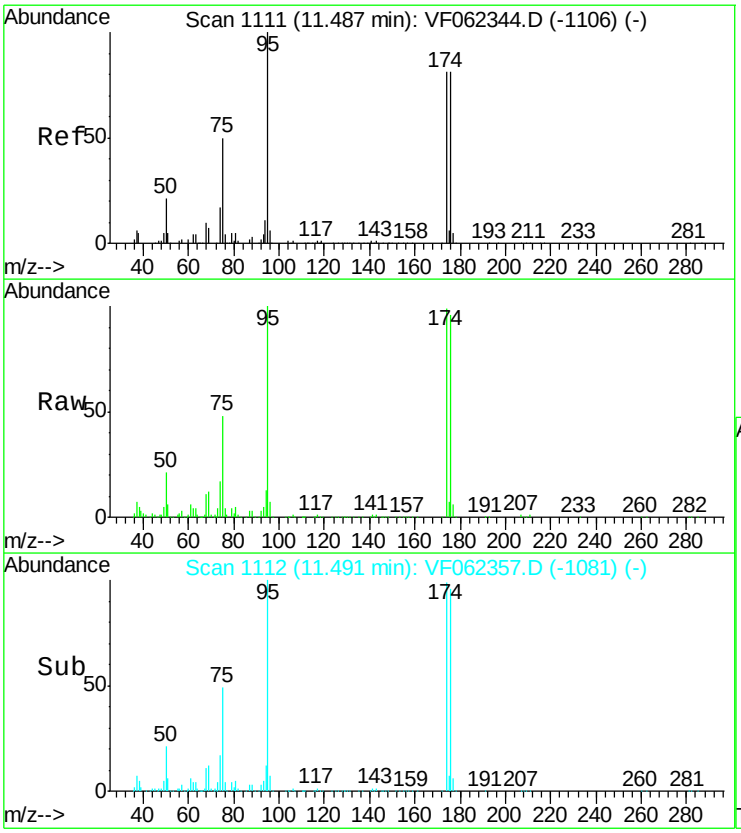
#59
2-Hexanone
Concen: 10.084 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Instrument : MSVOA_F
ClientSampleId : AU-05-050219-A

Tgt Ion: 43 Resp: 9208

Ion	Ratio	Lower	Upper
43	100		
58	48.3	24.3	73.0

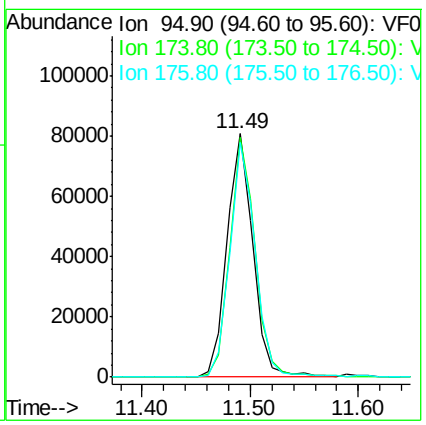


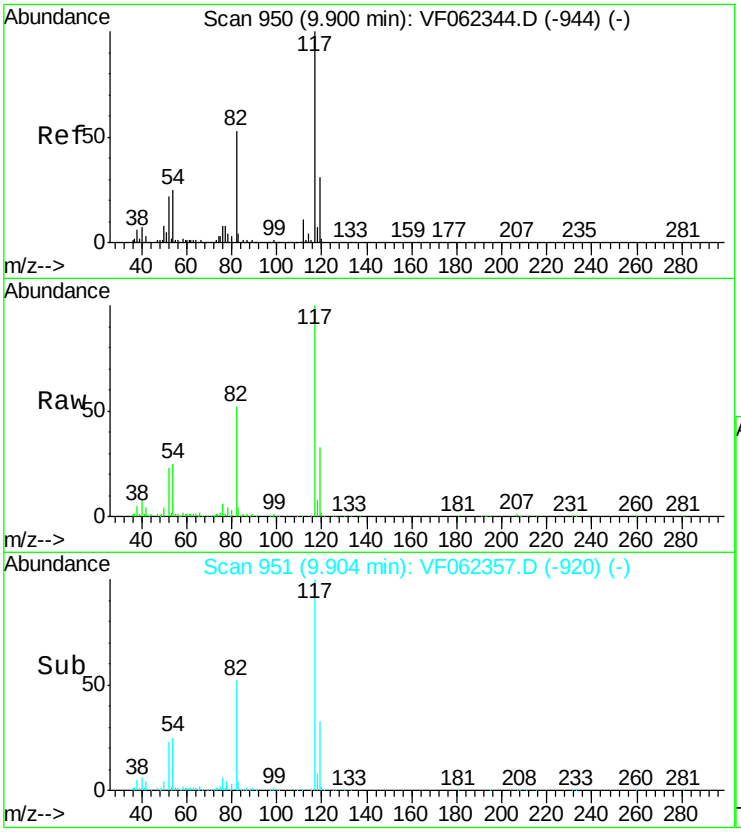


#62
4-Bromofluorobenzene
Concen: 34.798 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion: 95 Resp: 135014

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	191.8
176	95.1	0.0	193.2



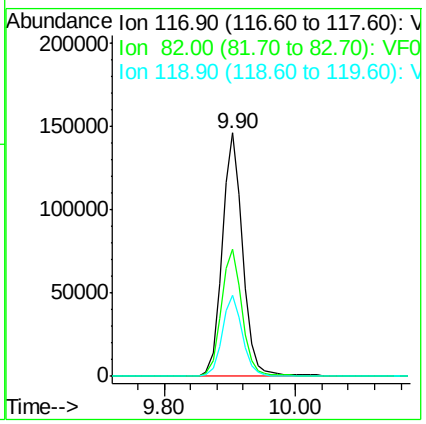


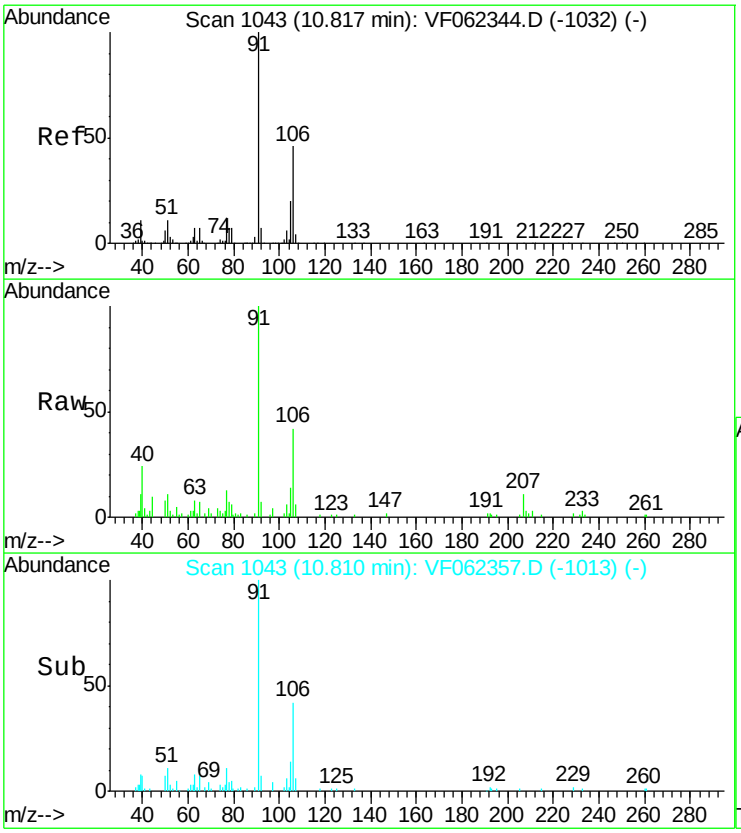
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Instrument : MSVOA_F
ClientSampleId : AU-05-050219-A

Tgt Ion:117 Resp: 319128

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.2
119	33.4	25.0	37.4

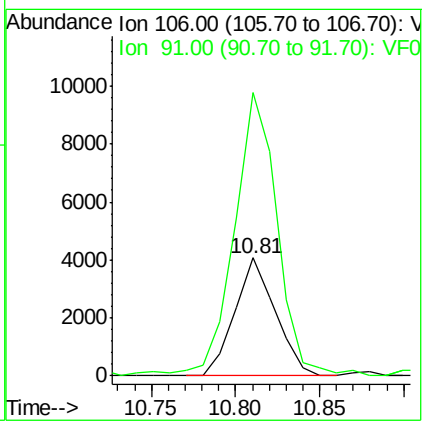


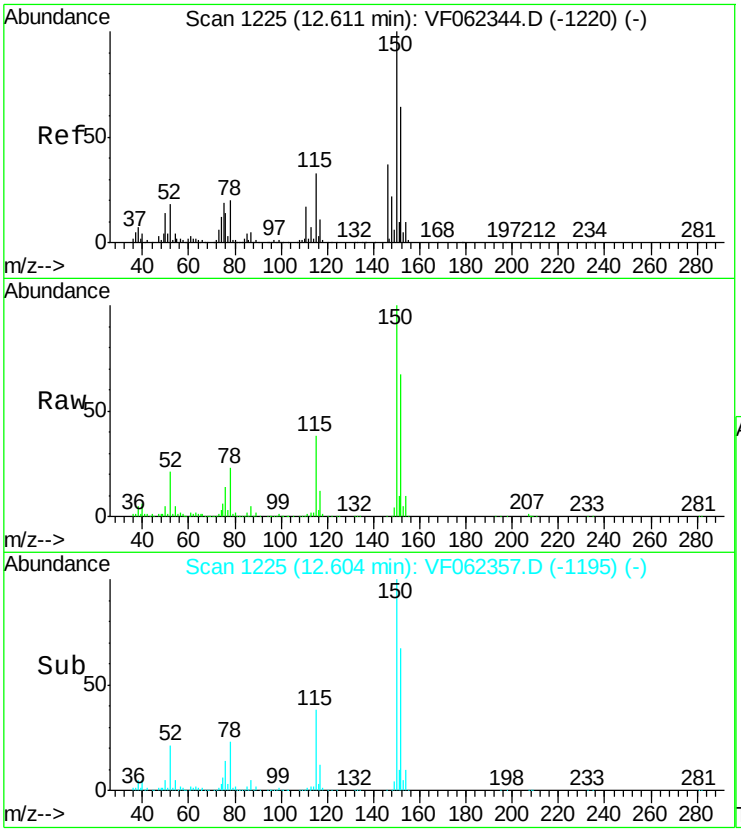


#69
o-Xylene
Concen: 1.845 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion:106 Resp: 6803

Ion	Ratio	Lower	Upper
106	100		
91	255.4	111.3	333.8



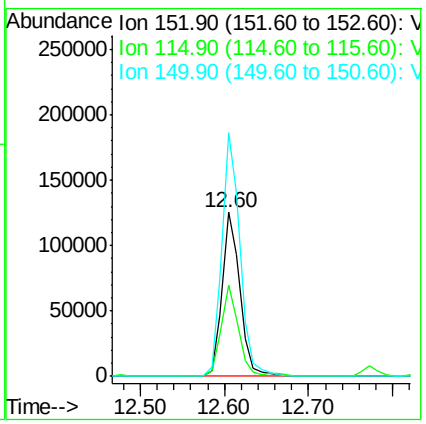


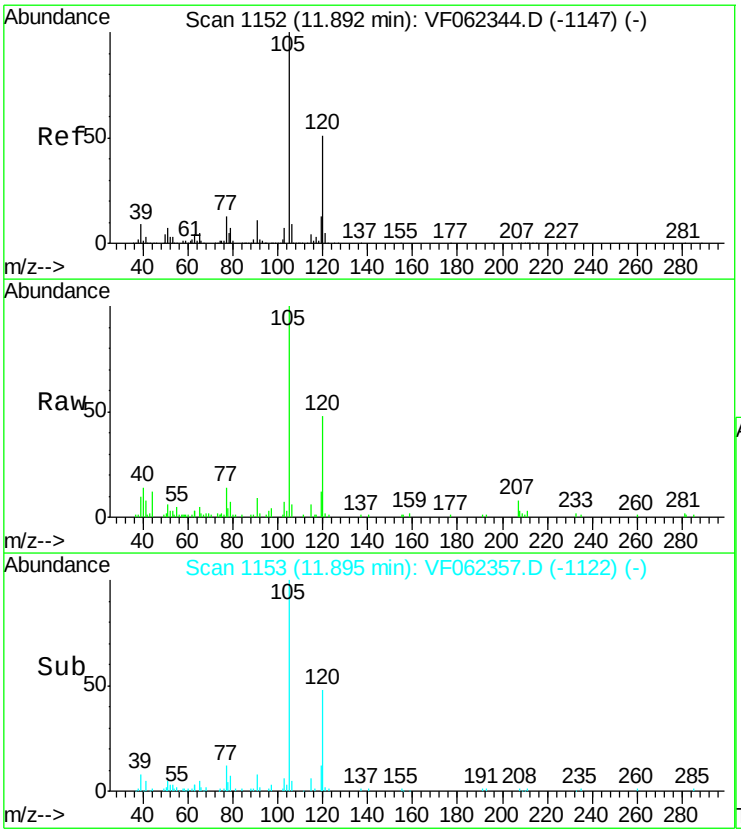
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
AU-05-050219-A

Tgt Ion:152 Resp: 184960

Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.4	79.2
150	151.0	0.0	335.0

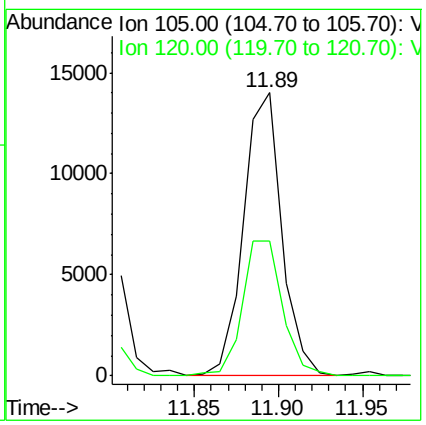


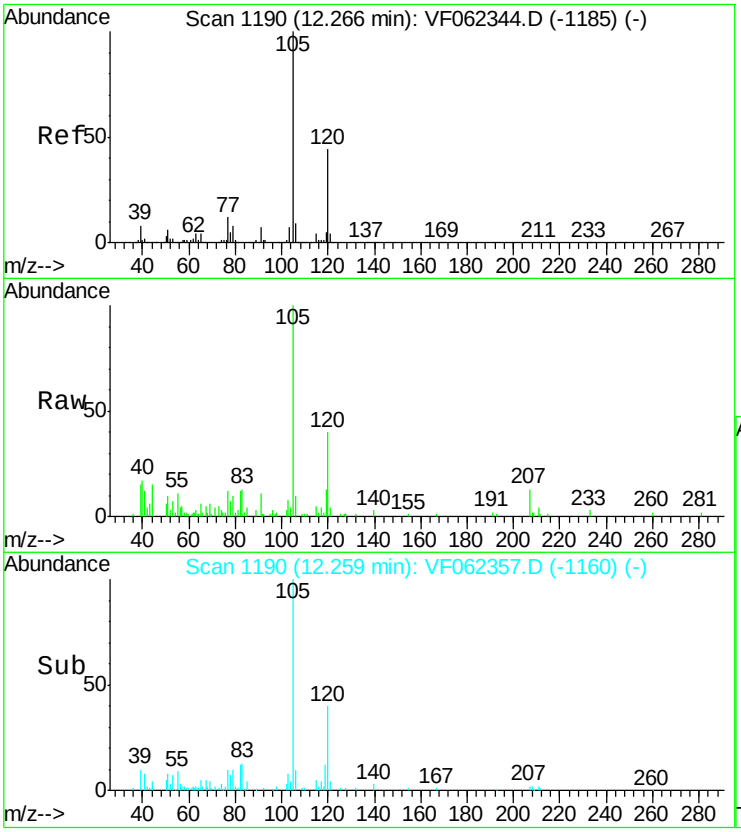


#80
1,3,5-Trimethylbenzene
Concen: 2.297 ug/l
RT: 11.89 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion:105 Resp: 22080

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.6	74.0





#84
1,2,4-Trimethylbenzene
Concen: 2.001 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VF062357.D
Acq: 7 May 2019 15:05

Tgt Ion:105 Resp: 18819

Ion	Ratio	Lower	Upper
105	100		
120	39.7	22.6	67.7

Instrument :
MSVOA_F
ClientSampleId :
AU-05-050219-A