Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-032019-B

Quant Time: Mar 22 08:09:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	283081	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	435916	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	319302	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	151682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	87414	42.90	ug/l	0.02
Spiked Amount 50.000			Recovery = 85.80%			
35) Dibromofluoromethane	4.13	113	130384	44.54	ug/l	0.02
Spiked Amount 50.000			Recovery = 89.08%			
50) Toluene-d8	7.57	98	254651	29.76	ug/l	0.02
Spiked Amount 50.000			Recovery = 59.52%			
62) 4-Bromofluorobenzene	11.43	95	125226	36.84	ug/l	0.02
Spiked Amount 50.000			Recovery = 73.68%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1497	1.714	ug/l	82
11) Tert butyl alcohol	2.60	59	649	5.205	ug/l #	1
13) Acrolein	2.13	56	317	2.355	ug/l	97
16) Acetone	2.26	43	19311	42.202	ug/l	90
18) Methyl Acetate	2.36	43	1566	1.510	ug/l #	81
20) Methylene Chloride	2.20	84	5787	2.424	ug/l	92
25) 2-Butanone	4.36	43	1545	1.705	ug/l #	59
52) Toluene	7.64	92	9132	1.433	ug/l	99
69) o-Xylene	10.73	106	5411	1.321	ug/l	92
80) 1,3,5-Trimethylbenzene	11.83	105	12135	1.434	ug/l	88

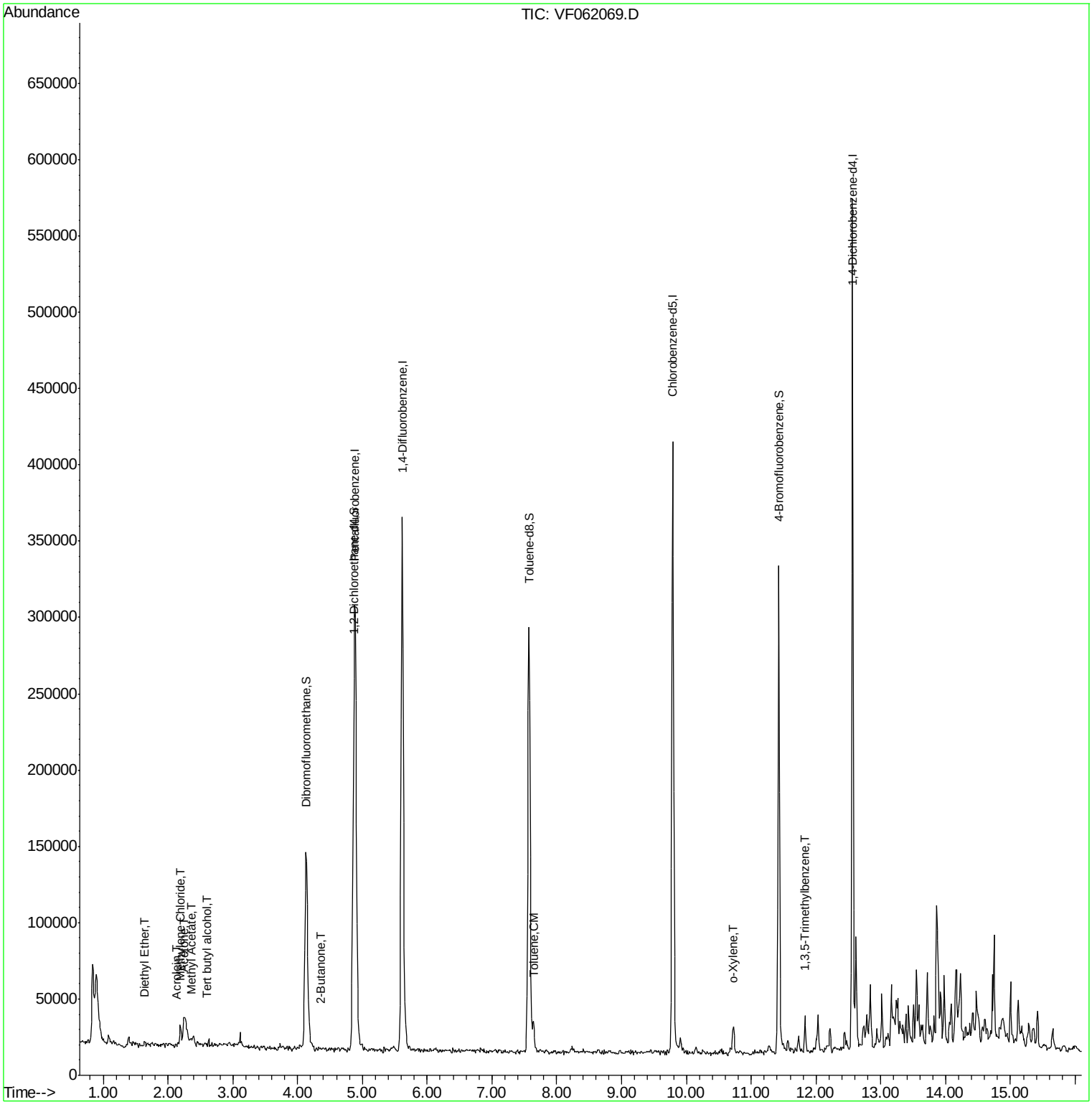
(#) = qualifier out of range (m) = manual integration (+) = signals summed

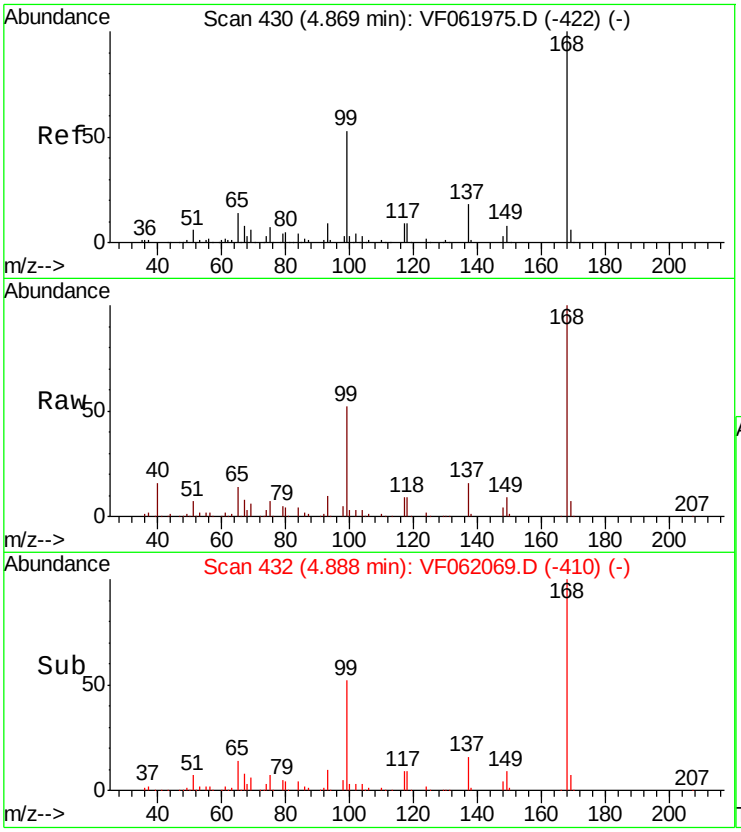
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Quant Time: Mar 22 08:09:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration



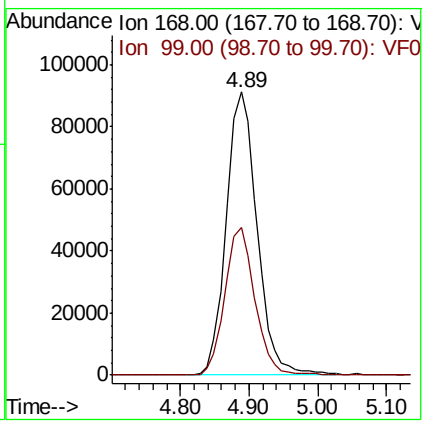


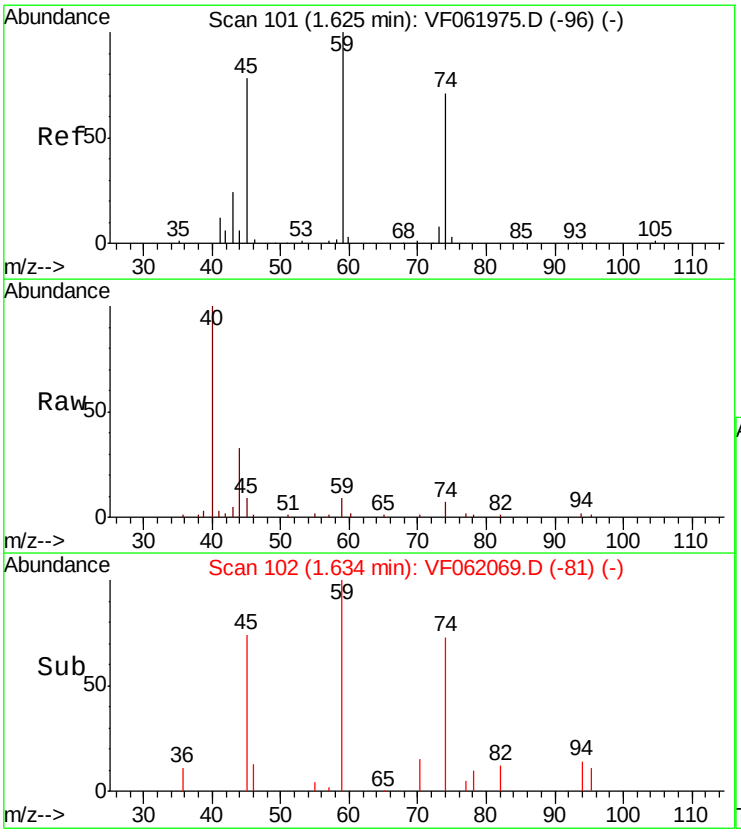
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion:168 Resp: 283081

Ion	Ratio	Lower	Upper
168	100		
99	52.1	42.4	63.6

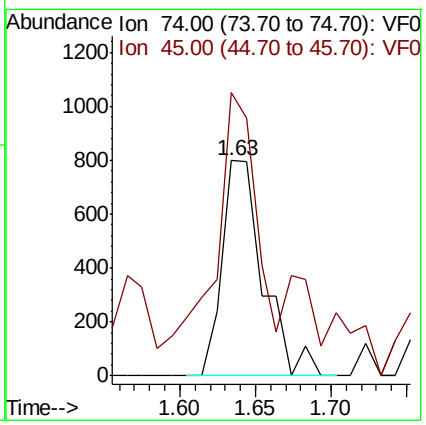


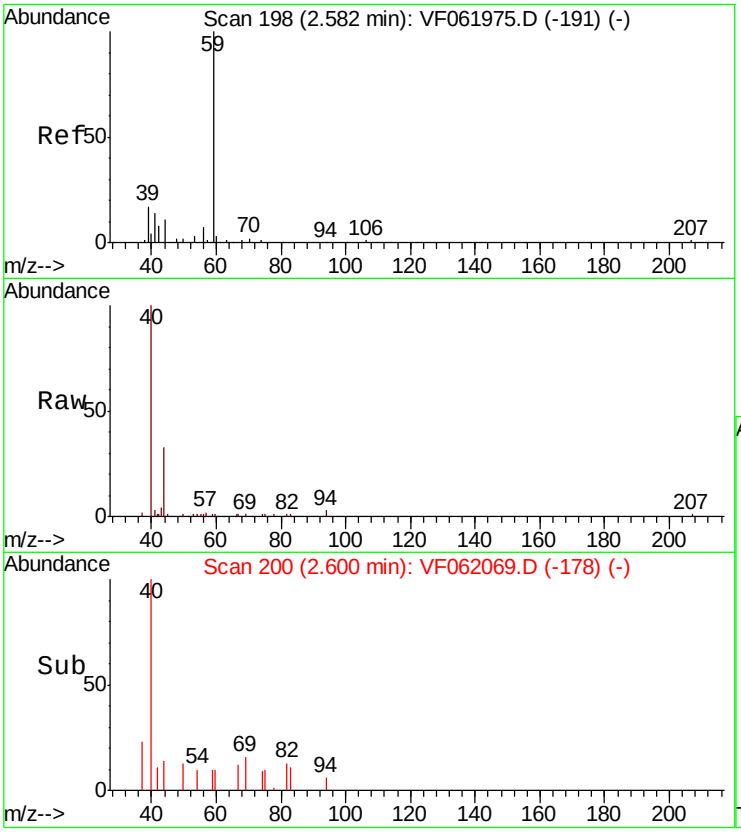


#8
Diethyl Ether
Concen: 1.714 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion: 74 Resp: 1497

Ion	Ratio	Lower	Upper
74	100		
45	131.6	56.3	168.8



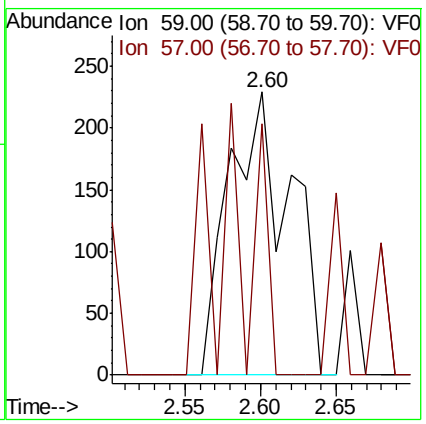


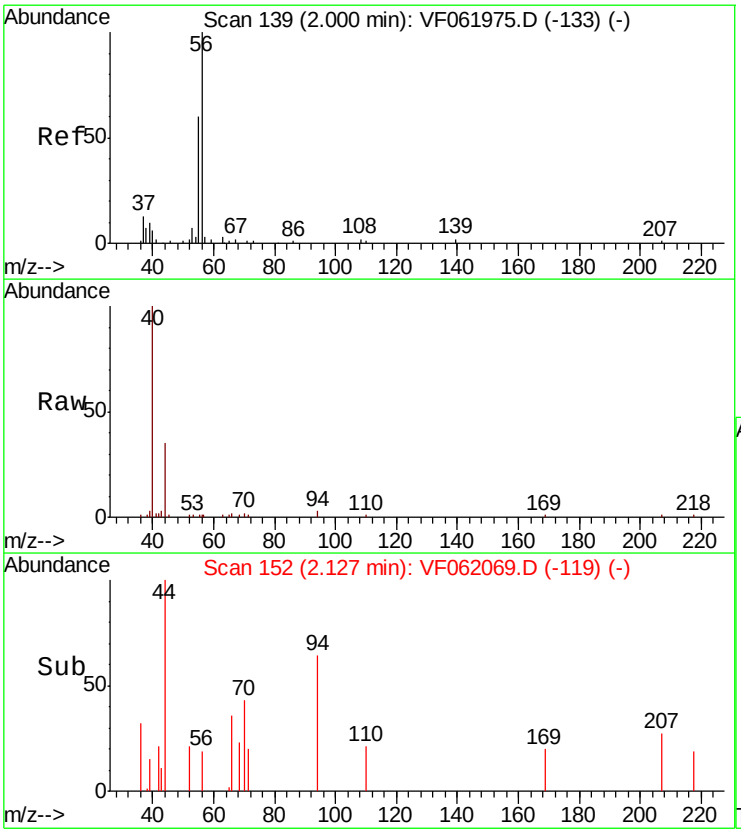
#11
Tert butyl alcohol
Concen: 5.205 ug/l
RT: 2.60 min Scan# 200
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion: 59 Resp: 649

Ion	Ratio	Lower	Upper
59	100		
57	89.1	8.7	13.1#

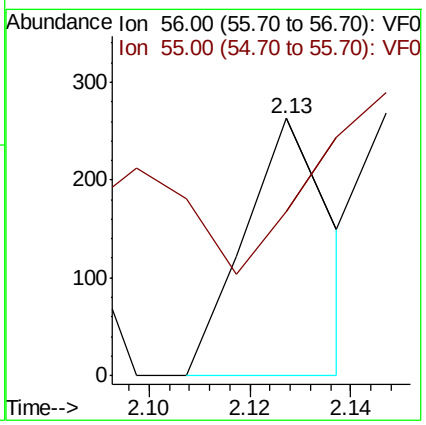


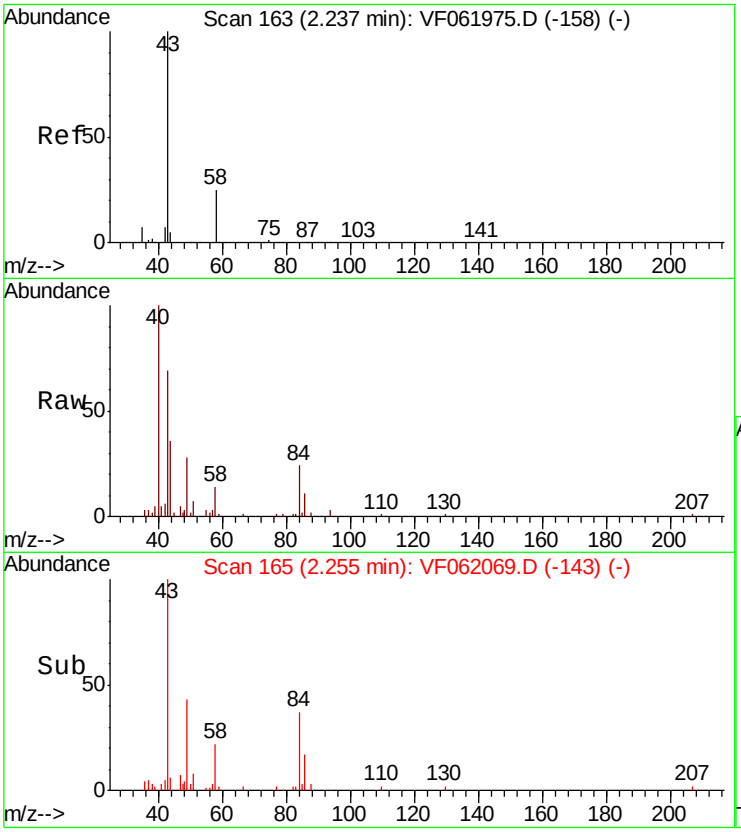


#13
Acrolein
Concen: 2.355 ug/l
RT: 2.13 min Scan# 152
Delta R.T. 0.13 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion: 56 Resp: 317

Ion	Ratio	Lower	Upper
56	100		
55	63.9	49.1	73.7



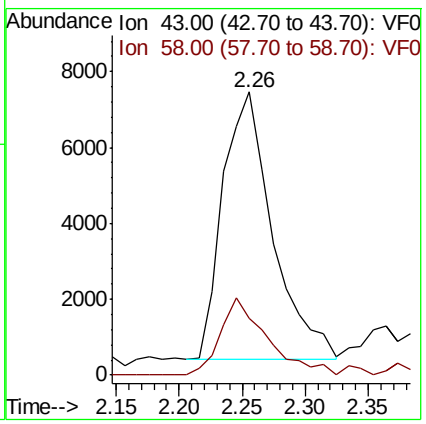


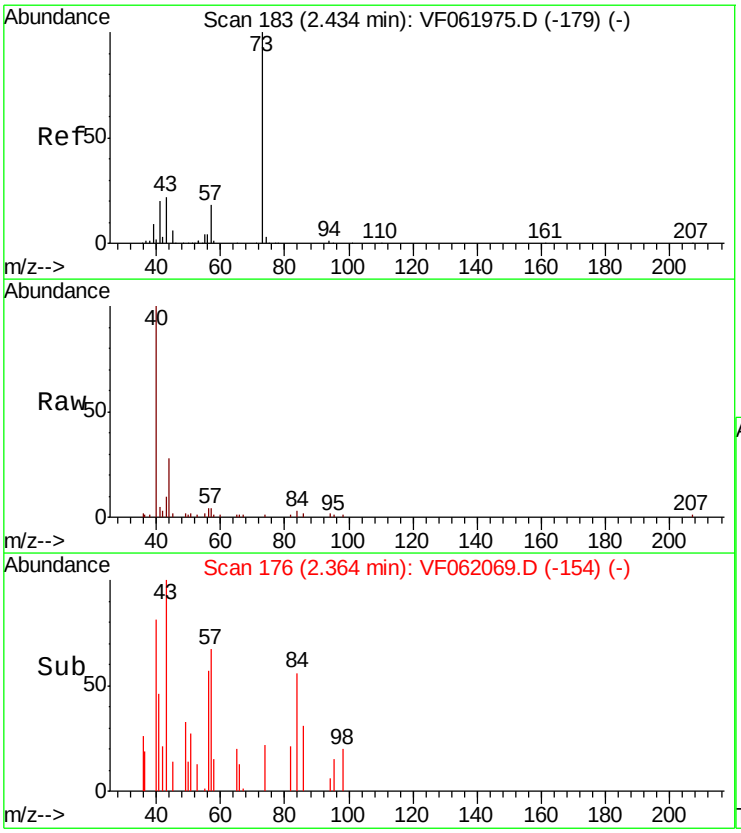
#16
Acetone
Concen: 42.202 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion: 43 Resp: 19311

Ion	Ratio	Lower	Upper
43	100		
58	20.1	19.9	29.9

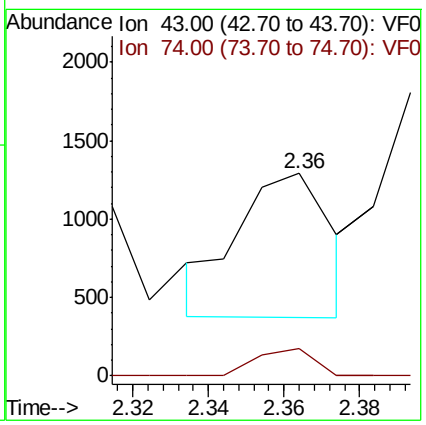


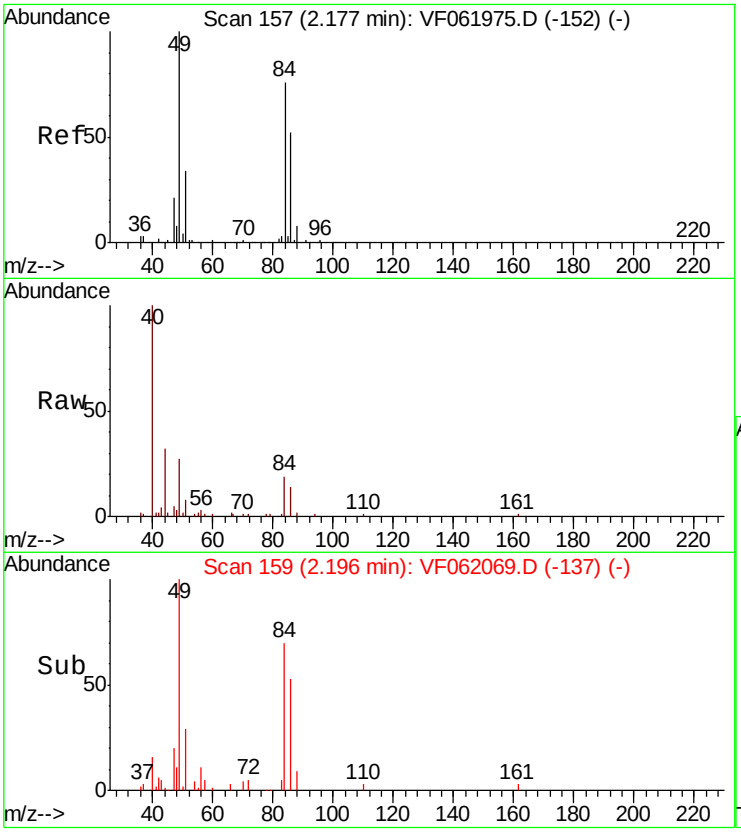


#18
Methyl Acetate
Concen: 1.510 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion: 43 Resp: 1566

Ion	Ratio	Lower	Upper
43	100		
74	13.5	18.3	27.5#



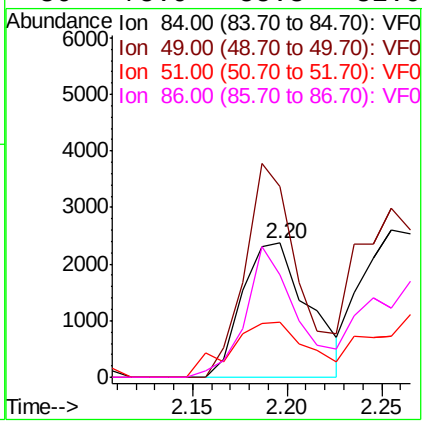


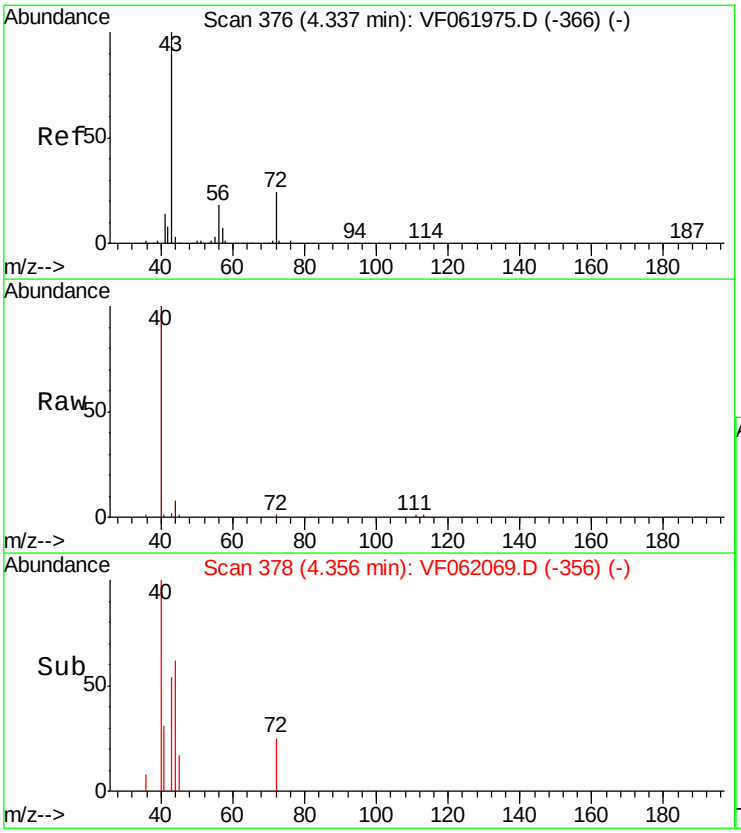
#20
Methylene Chloride
Concen: 2.424 ug/l
RT: 2.20 min Scan# 159
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument : MSVOA_F
ClientSampleId : EO-02-032019-B

Tgt Ion: 84 Resp: 5787

Ion	Ratio	Lower	Upper
84	100		
49	142.2	107.0	160.6
51	40.9	37.2	55.8
86	75.9	55.3	82.9

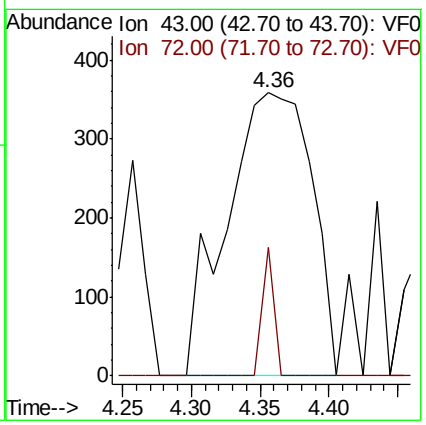


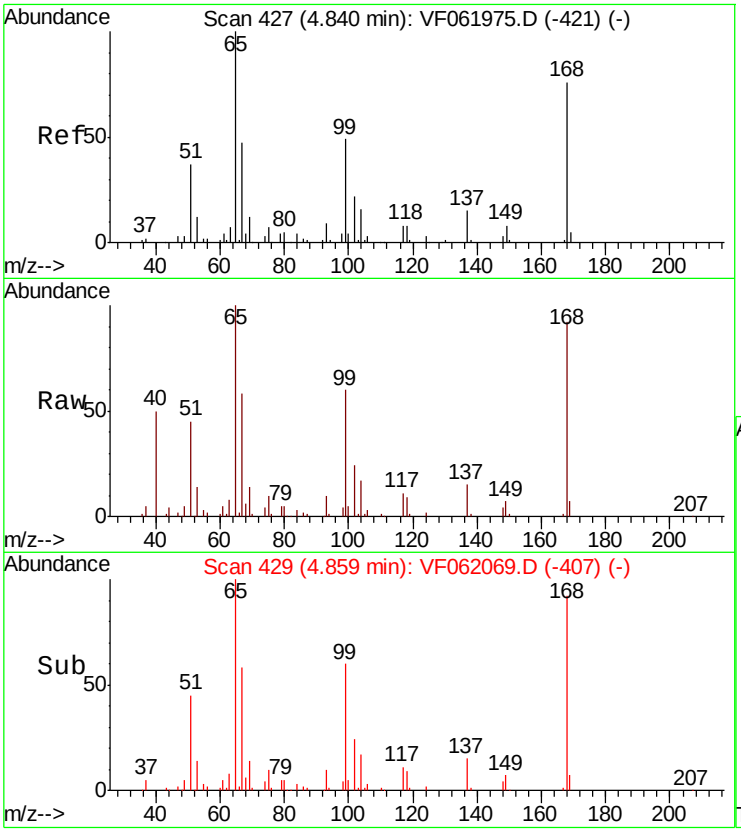


#25
2-Butanone
Concen: 1.705 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion: 43 Resp: 1545

Ion	Ratio	Lower	Upper
43	100		
72	45.3	19.8	29.6#



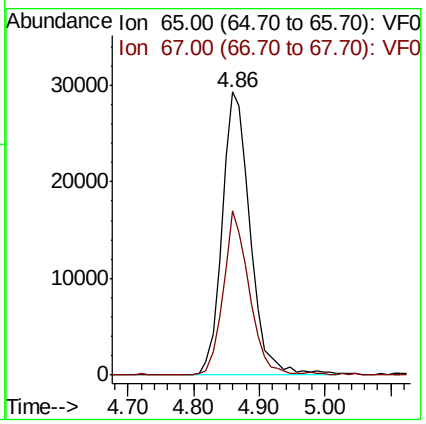


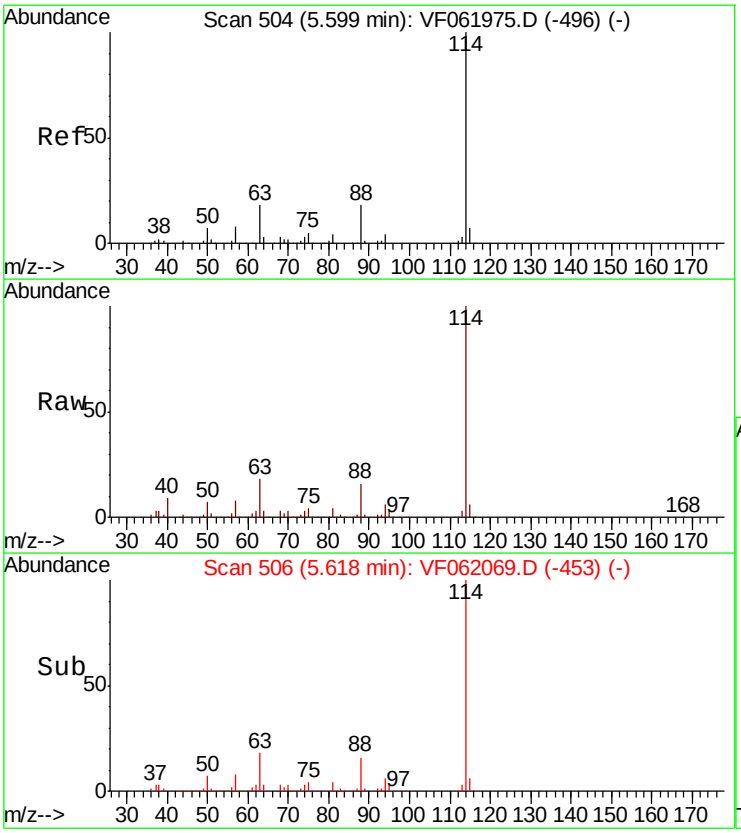
#33
1,2-Dichloroethane-d4
Concen: 42.898 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion: 65 Resp: 87414

Ion	Ratio	Lower	Upper
65	100		
67	57.9	0.0	109.4

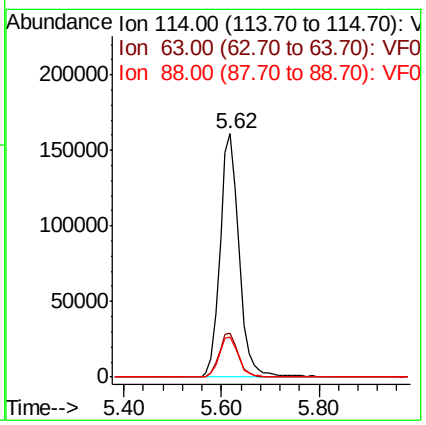


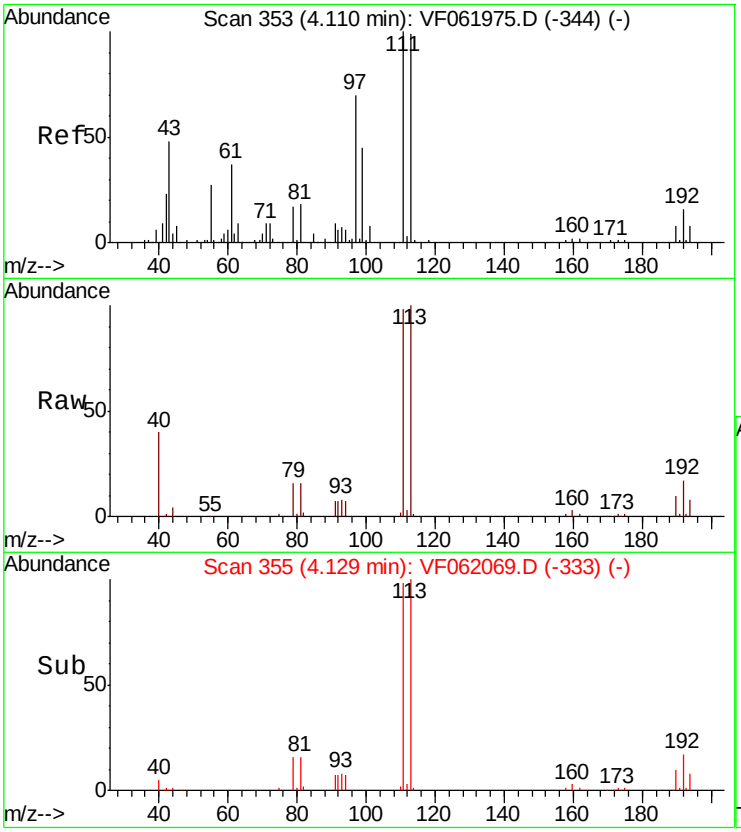


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion:114 Resp: 435916

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.4
88	16.2	0.0	36.4



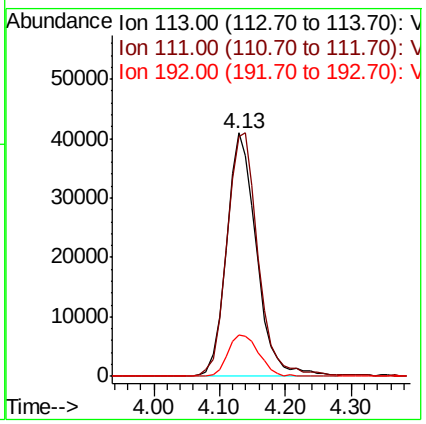


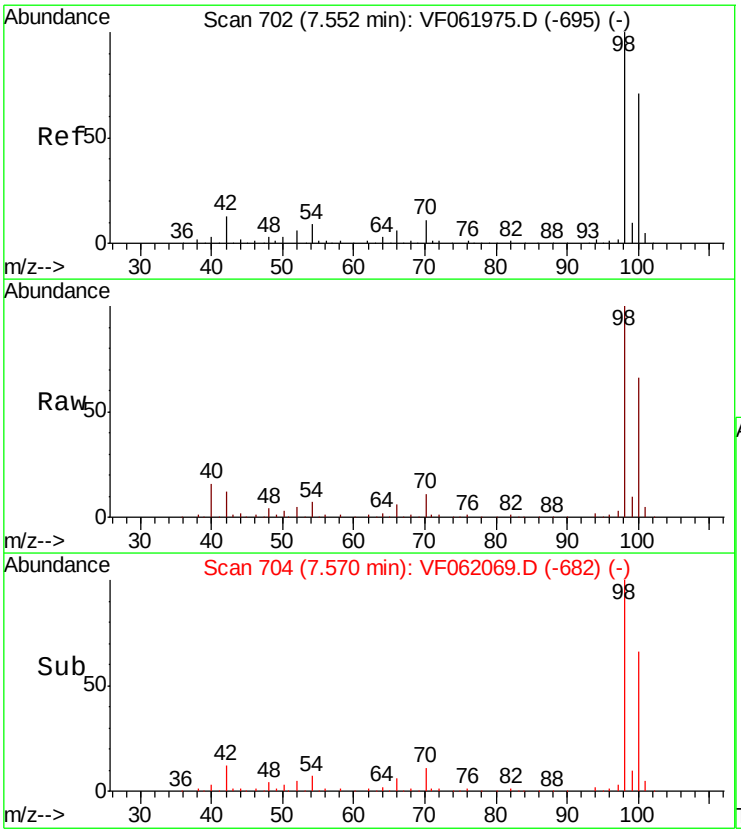
#35
Dibromofluoromethane
Concen: 44.541 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion:113 Resp: 130384

Ion	Ratio	Lower	Upper
113	100		
111	98.4	80.8	121.2
192	17.1	13.0	19.6

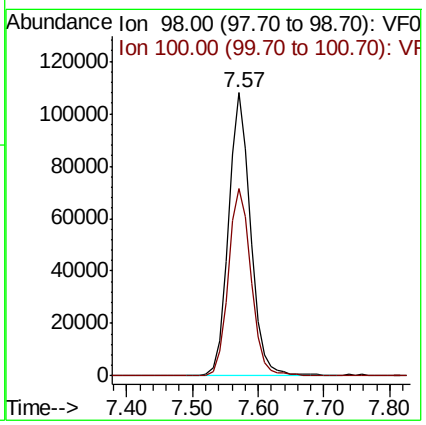


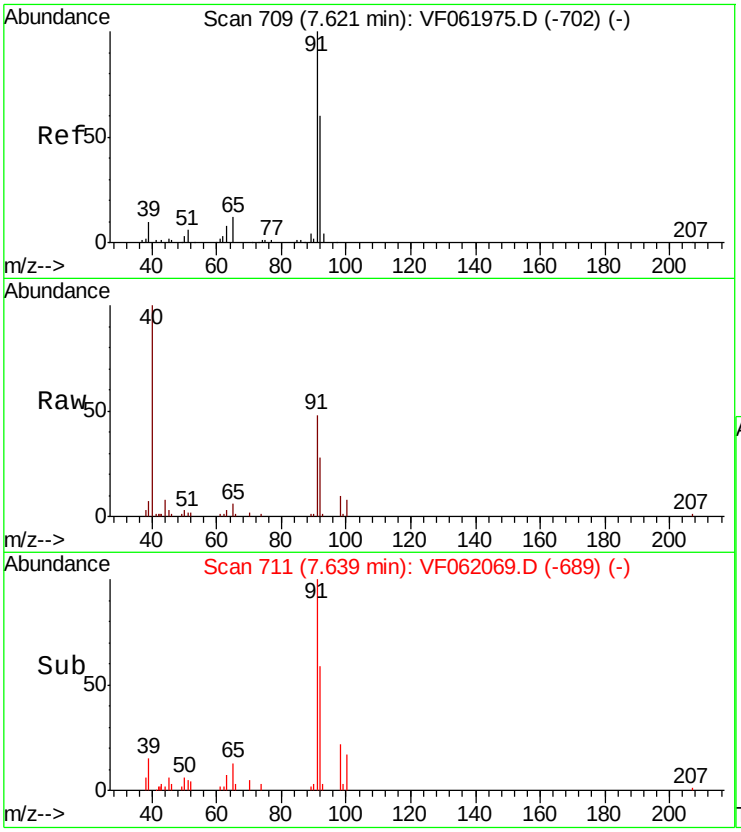


#50
Toluene-d8
Concen: 29.759 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion: 98 Resp: 254651

Ion	Ratio	Lower	Upper
98	100		
100	66.4	56.8	85.2



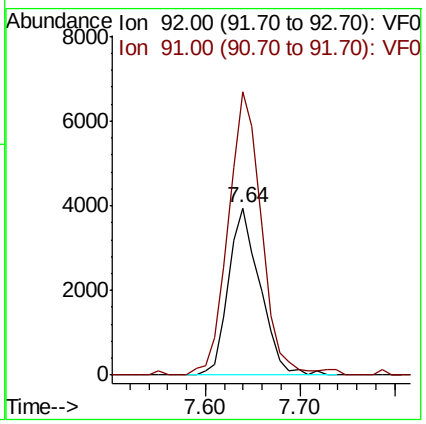


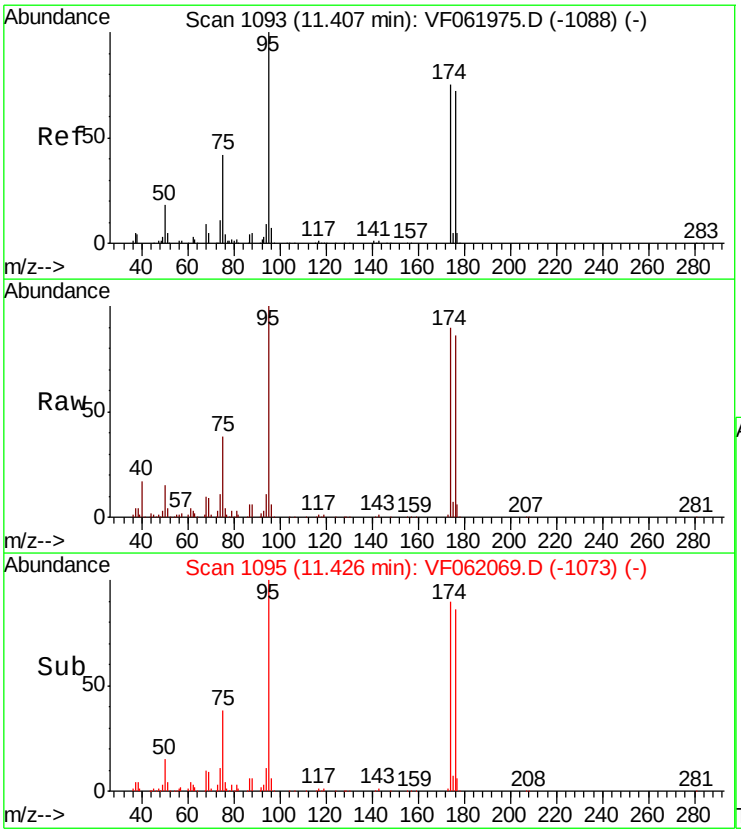
#52
Toluene
Concen: 1.433 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion: 92 Resp: 9132

Ion	Ratio	Lower	Upper
92	100		
91	169.4	134.0	201.0

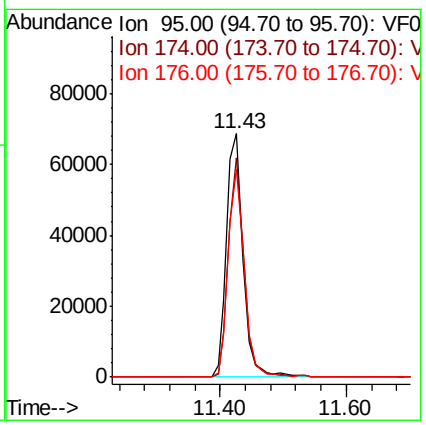


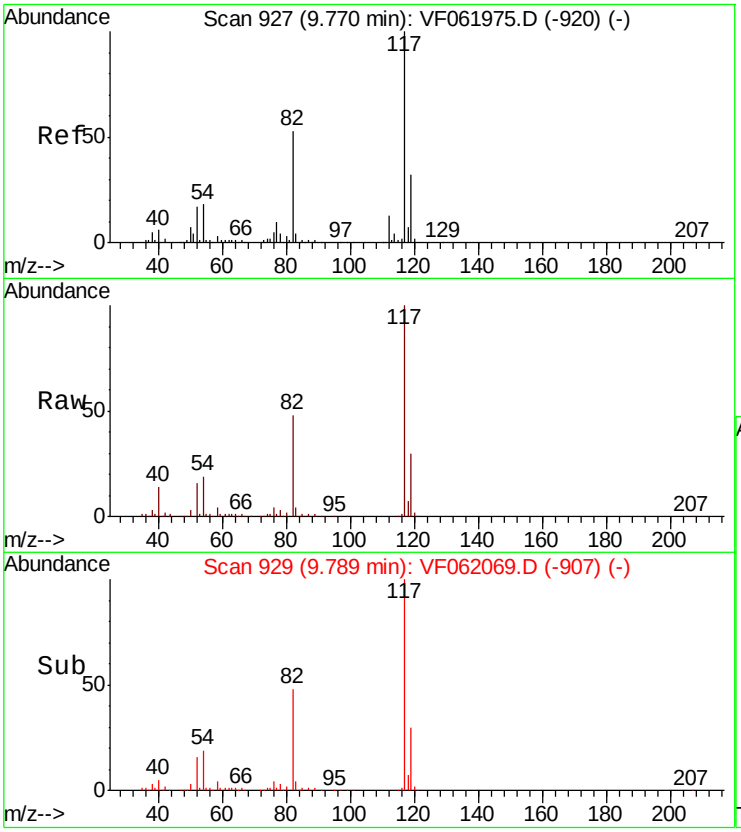


#62
4-Bromofluorobenzene
Concen: 36.837 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion: 95 Resp: 125226

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	149.4
176	85.5	0.0	143.4



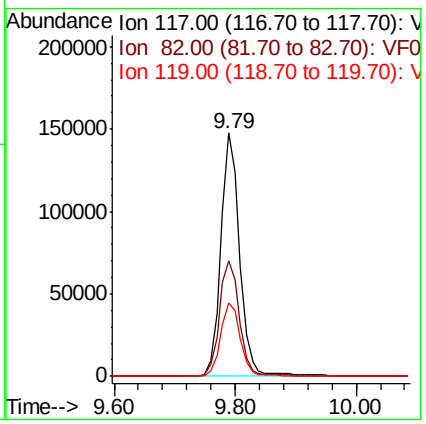


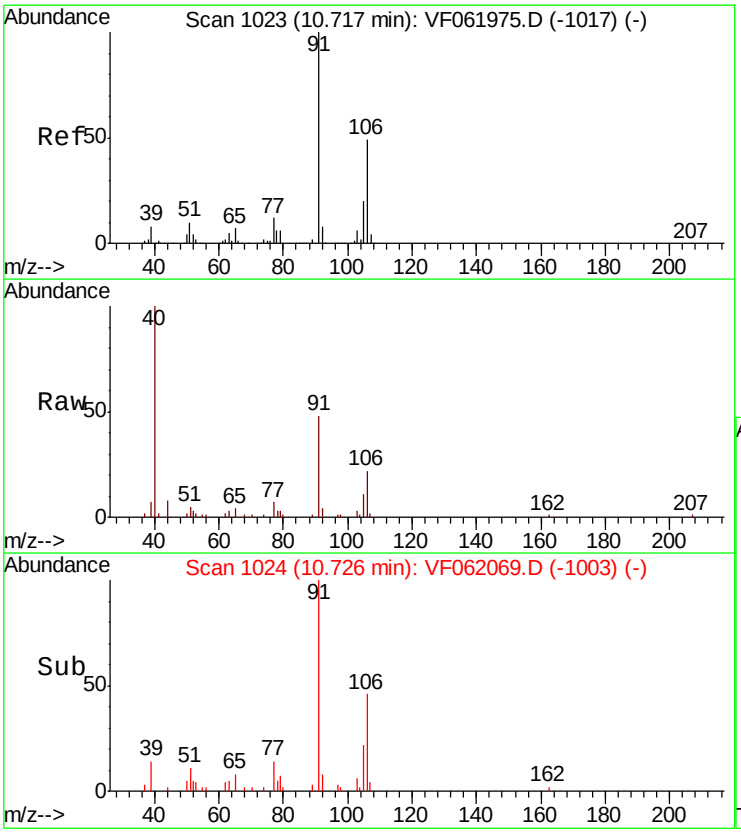
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion:117 Resp: 319302

Ion	Ratio	Lower	Upper
117	100		
82	47.7	42.5	63.7
119	29.9	25.4	38.0

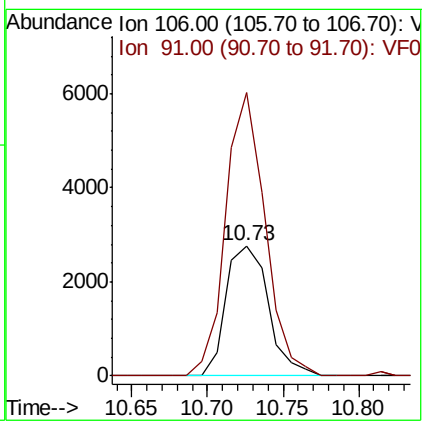


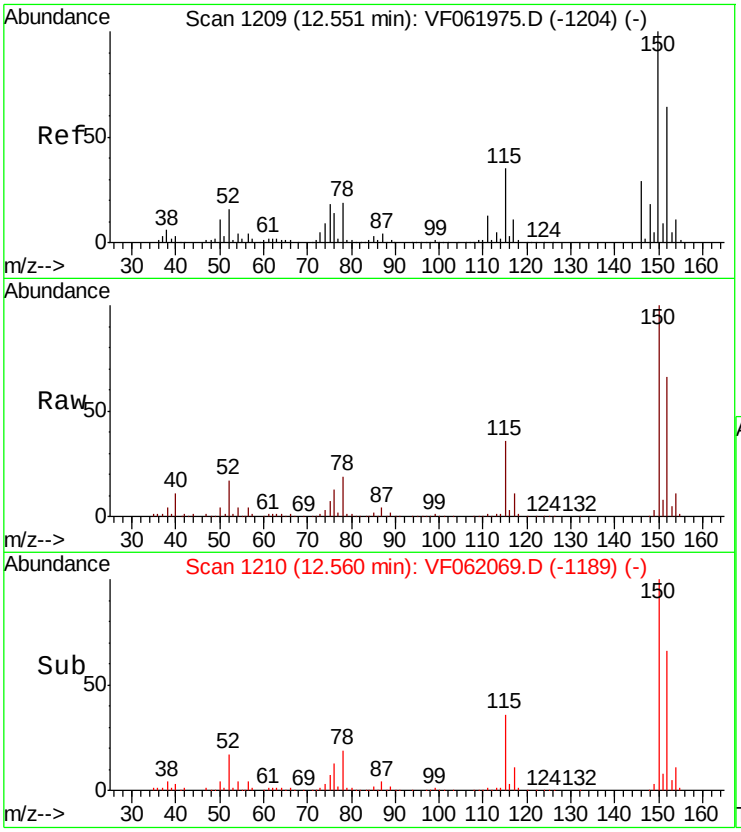


#69
o-Xylene
Concen: 1.321 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion:106 Resp: 5411

Ion	Ratio	Lower	Upper
106	100		
91	217.3	102.3	306.8



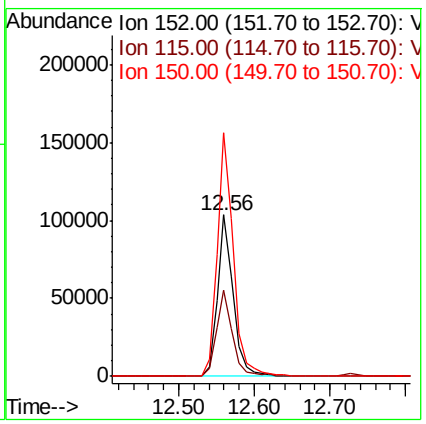


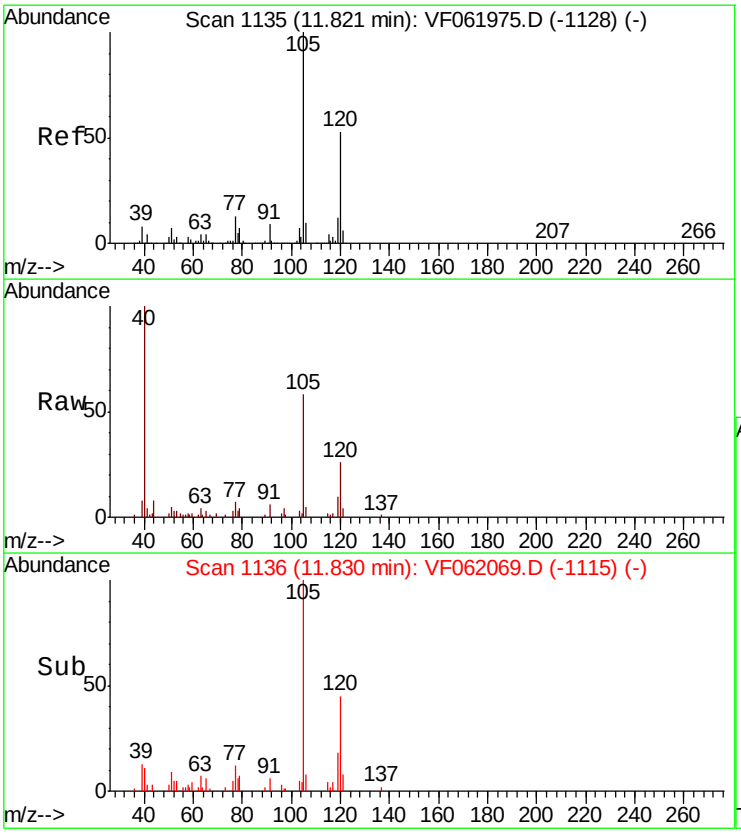
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Tgt Ion:152 Resp: 151682

Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.9
150	151.0	0.0	316.2





#80
1,3,5-Trimethylbenzene
Concen: 1.434 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VF062069.D
Acq: 21 Mar 2019 19:19

Tgt Ion:105 Resp: 12135

Ion	Ratio	Lower	Upper
105	100		
120	44.6	26.6	79.7