Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121718\
Data File : VF061051.D
Acq On : 17 Dec 2018 20:20
Operator : VA/AP
Sample : J6391-14RE
Misc : 4.25g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:10:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	105598	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	168236	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	138021	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	59072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	63513	51.06	ug/l	-0.02
Spiked Amount 50.000			Recovery = 102.12%			
35) Dibromofluoromethane	4.14	113	66138	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%			
50) Toluene-d8	7.57	98	171514	43.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 87.26%			
62) 4-Bromofluorobenzene	11.43	95	70955	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.64	59	89	1.745	ug/l #	62
13) Acrolein	1.98	56	517	10.701	ug/l	92
15) Acrylonitrile	2.97	53	497	4.347	ug/l #	24
16) Acetone	2.26	43	1451	6.325	ug/l #	65
20) Methylene Chloride	2.24	84	1377	1.636	ug/l #	67
25) 2-Butanone	4.38	43	683	1.721	ug/l #	57
41) Methacrylonitrile	4.78	41	307	Below Cal #		23
43) Isopropyl Acetate	6.99	43	691	Below Cal #		49
51) 4-Methyl-2-Pentanone	8.31	43	898	1.284	ug/l #	38
58) 2-Chloroethyl Vinyl ether	7.31	63	112	1.168	ug/l #	46
59) 2-Hexanone	9.47	43	569	1.160	ug/l #	27
95) Naphthalene	14.47	128	2872	Below Cal #		93

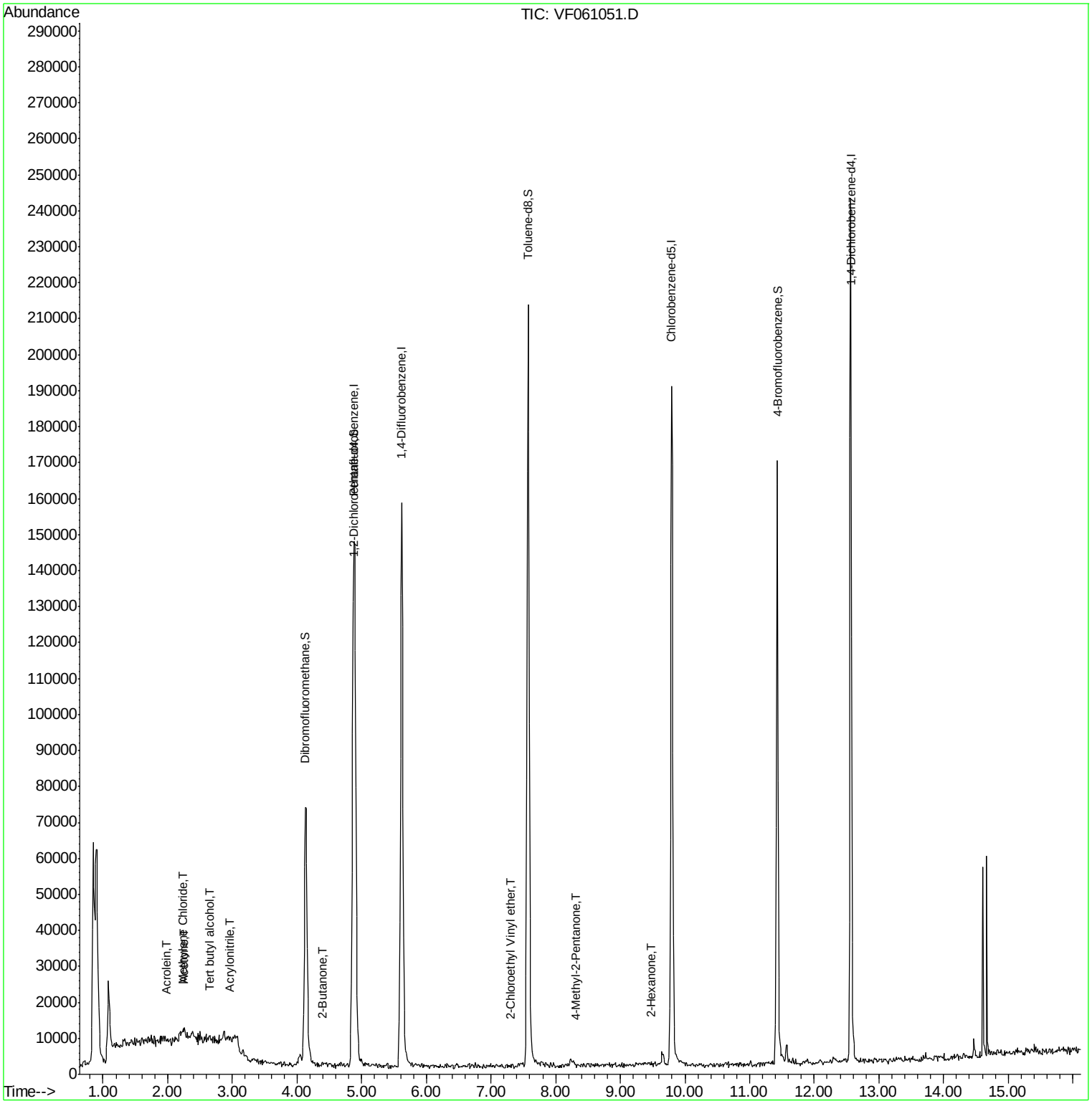
(#) = qualifier out of range (m) = manual integration (+) = signals summed

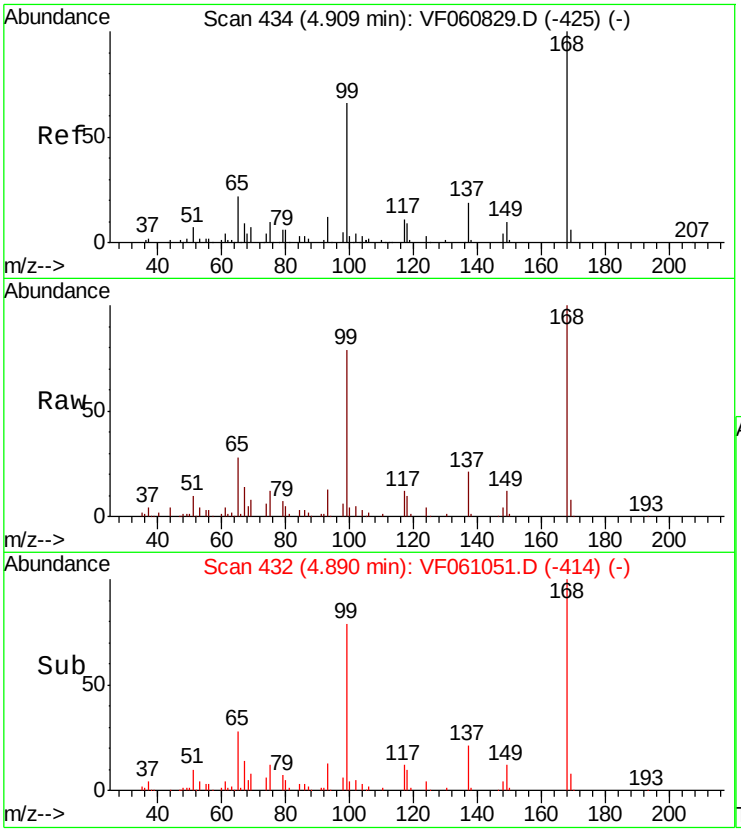
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061051.D
Acq On : 17 Dec 2018 20:20
Operator : VA/AP
Sample : J6391-14RE
Misc : 4.25g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:10:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



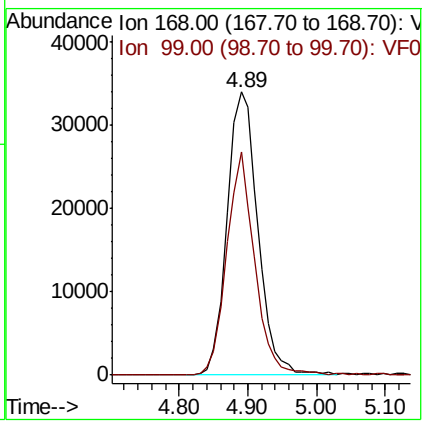


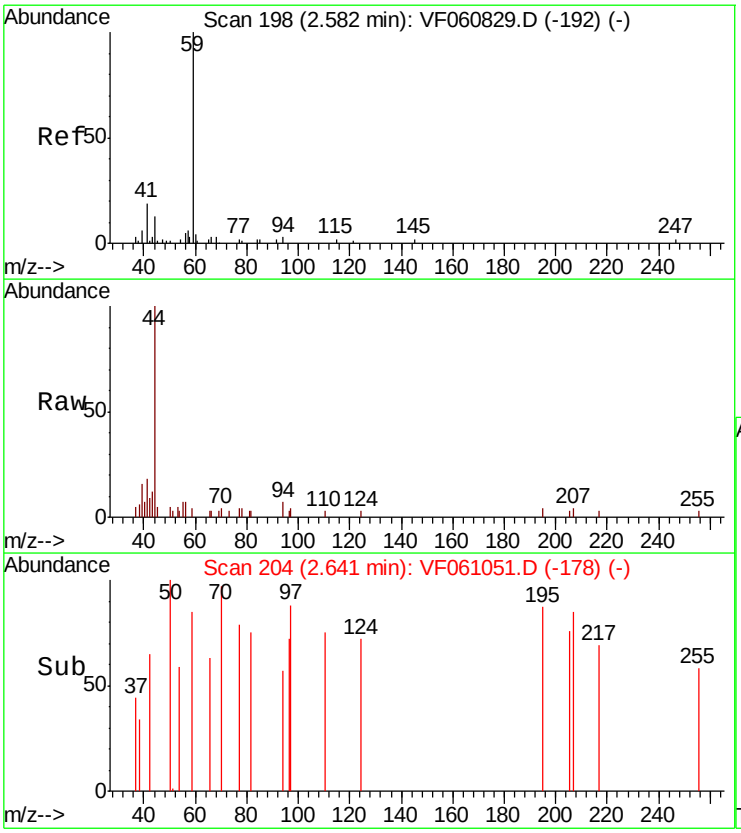
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 105598

Ion	Ratio	Lower	Upper
168	100		
99	78.7	52.6	79.0

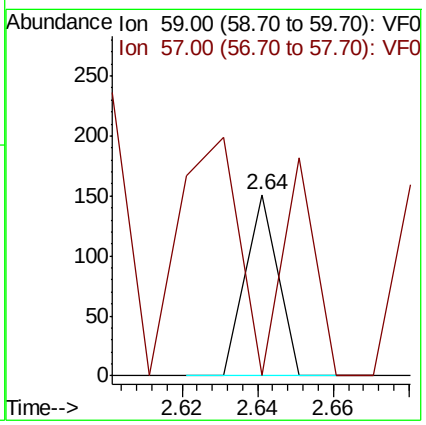


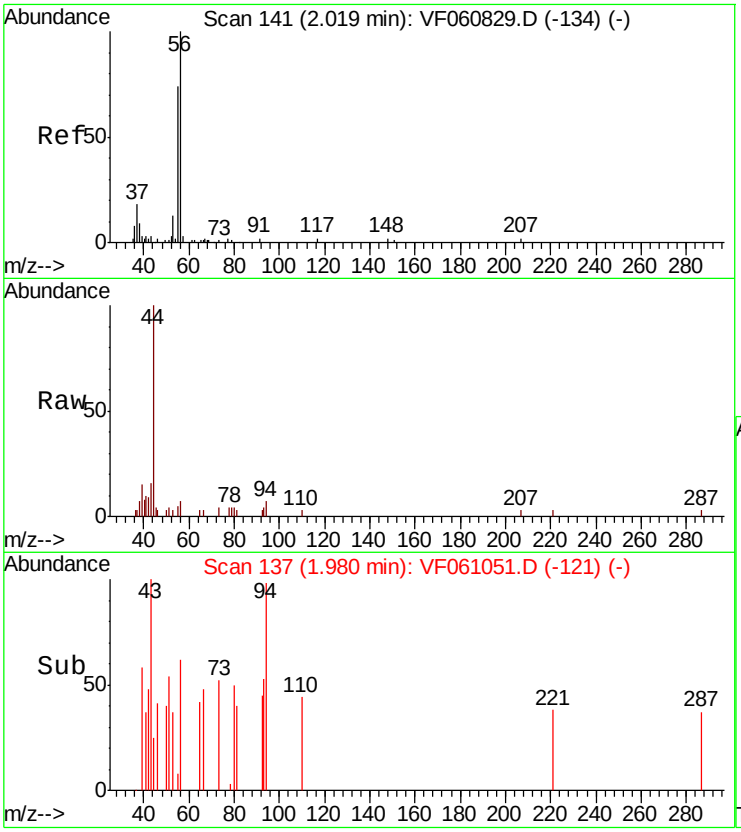


#11
Tert butyl alcohol
Concen: 1.745 ug/l
RT: 2.64 min Scan# 204
Delta R.T. 0.06 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 59 Resp: 89

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



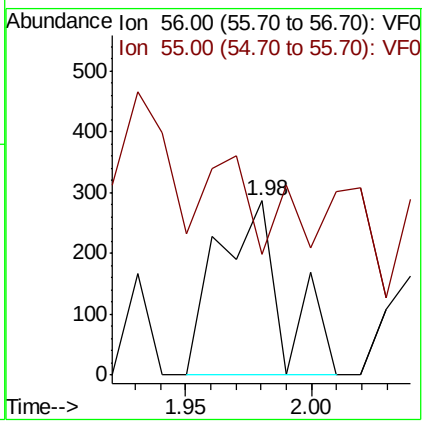


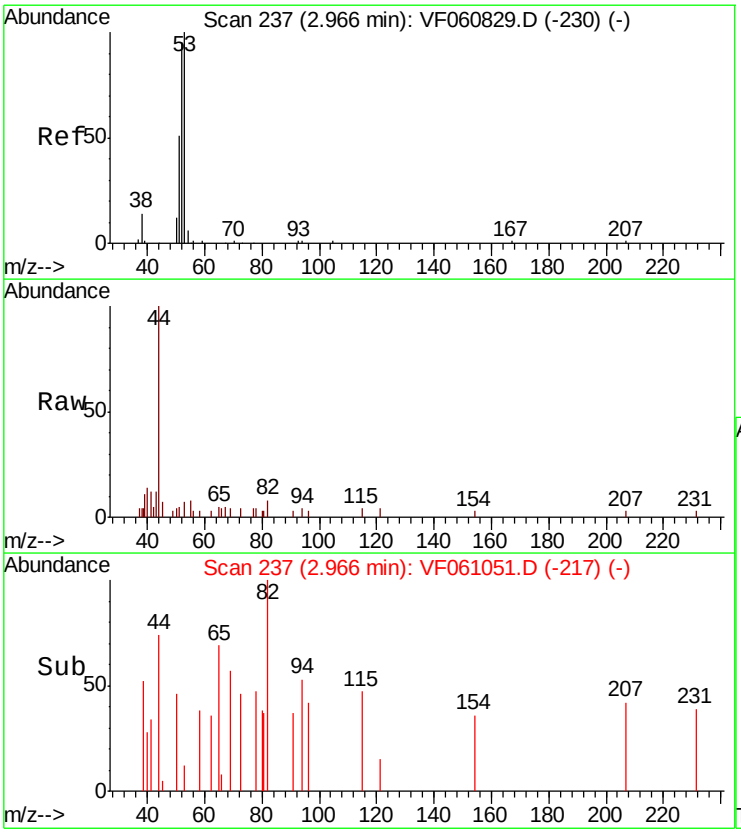
#13
Acrolein
Concen: 10.701 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.04 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 517

Ion	Ratio	Lower	Upper
56	100		
55	69.6	61.2	91.8

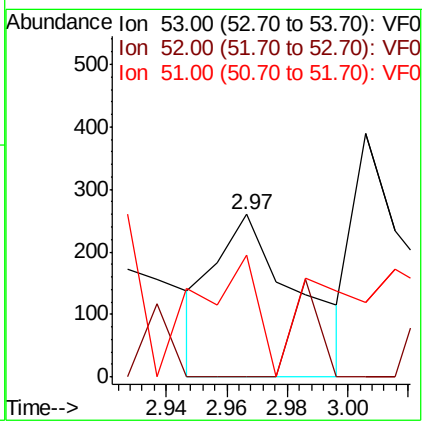


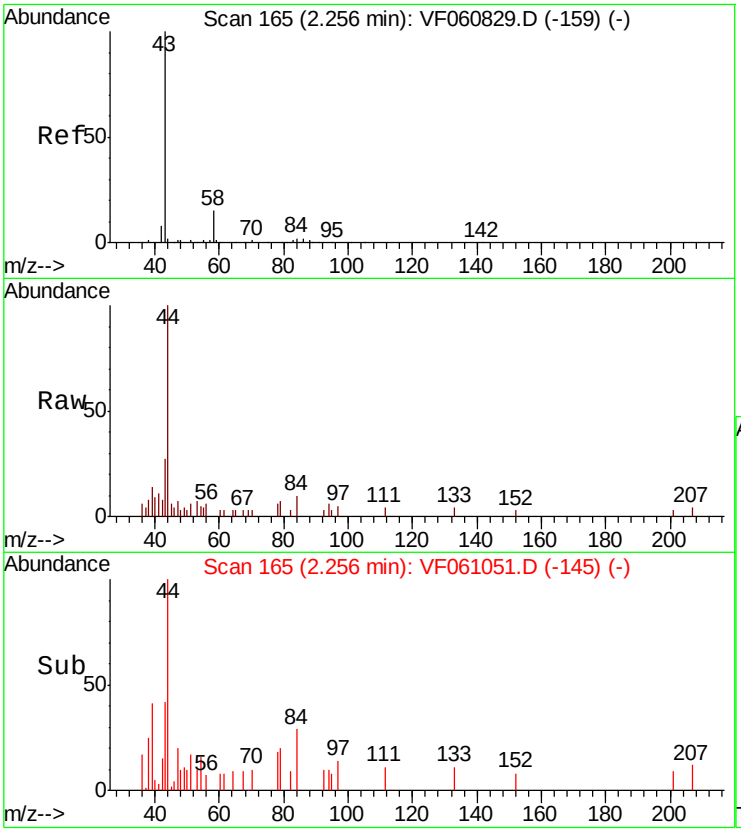


#15
Acrylonitrile
Concen: 4.347 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.00 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 53 Resp: 497

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	74.6	40.7	61.1#



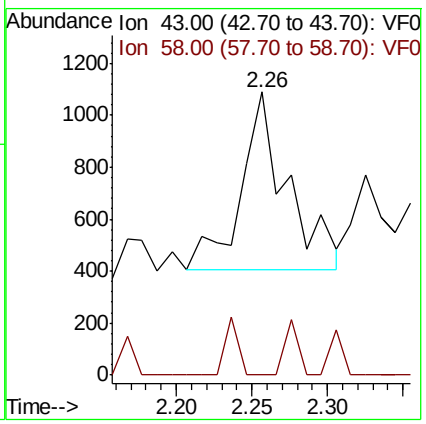


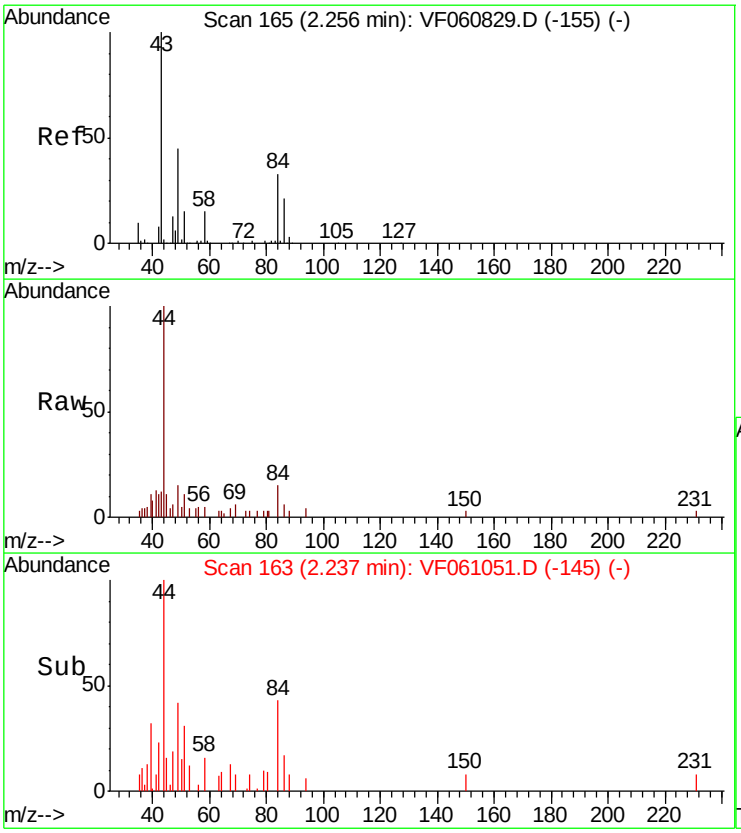
#16
Acetone
Concen: 6.325 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.00 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1451

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

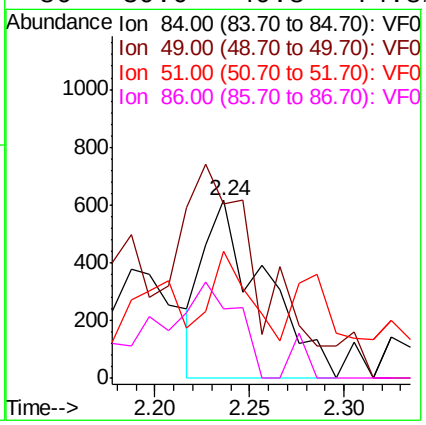


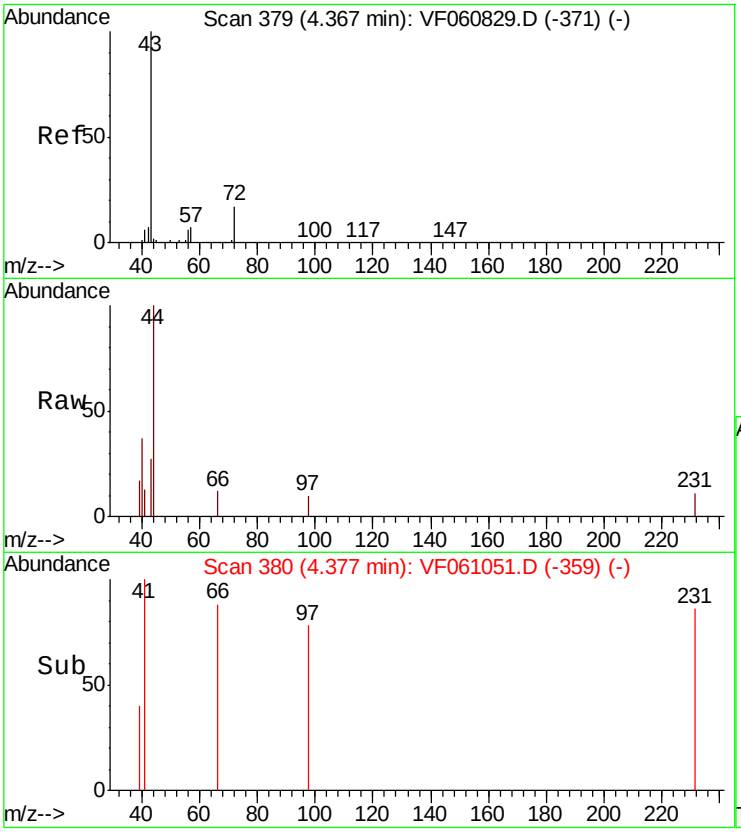


#20
Methylene Chloride
Concen: 1.636 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 84 Resp: 1377

Ion	Ratio	Lower	Upper
84	100		
49	97.7	111.3	166.9#
51	71.1	38.0	57.0#
86	39.0	49.8	74.8#



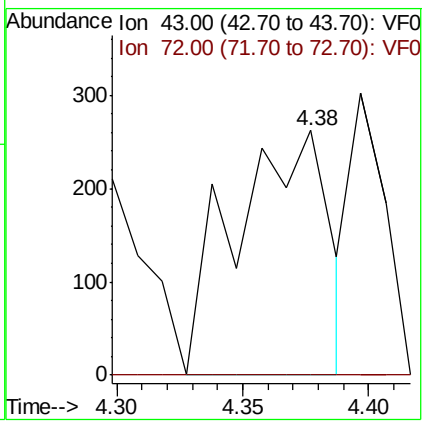


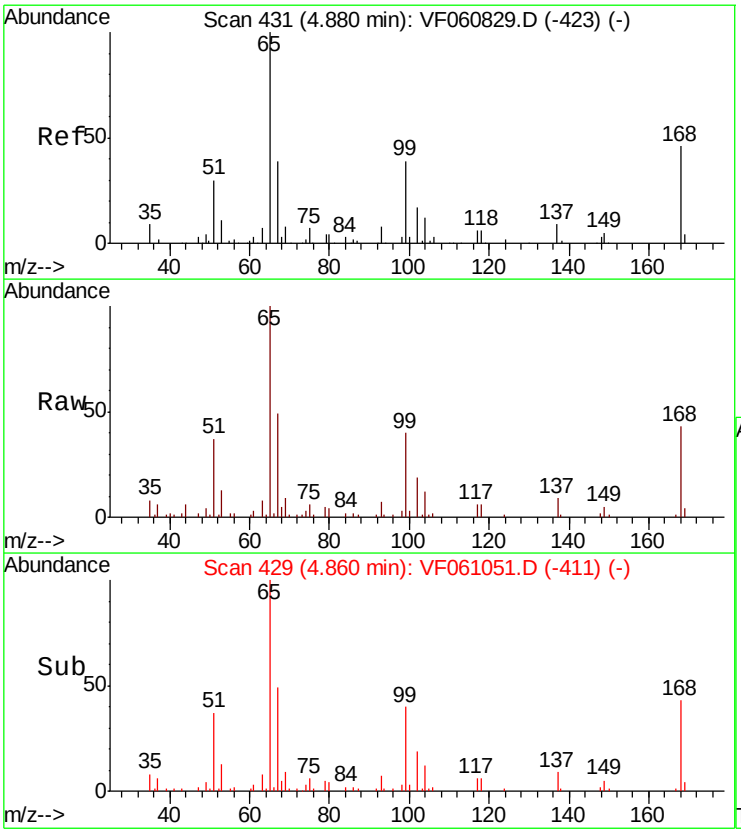
#25
2-Butanone
Concen: 1.721 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 683

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

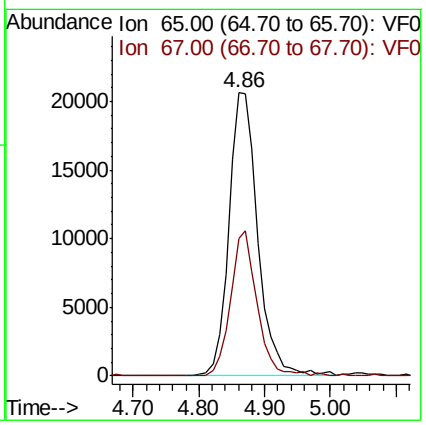


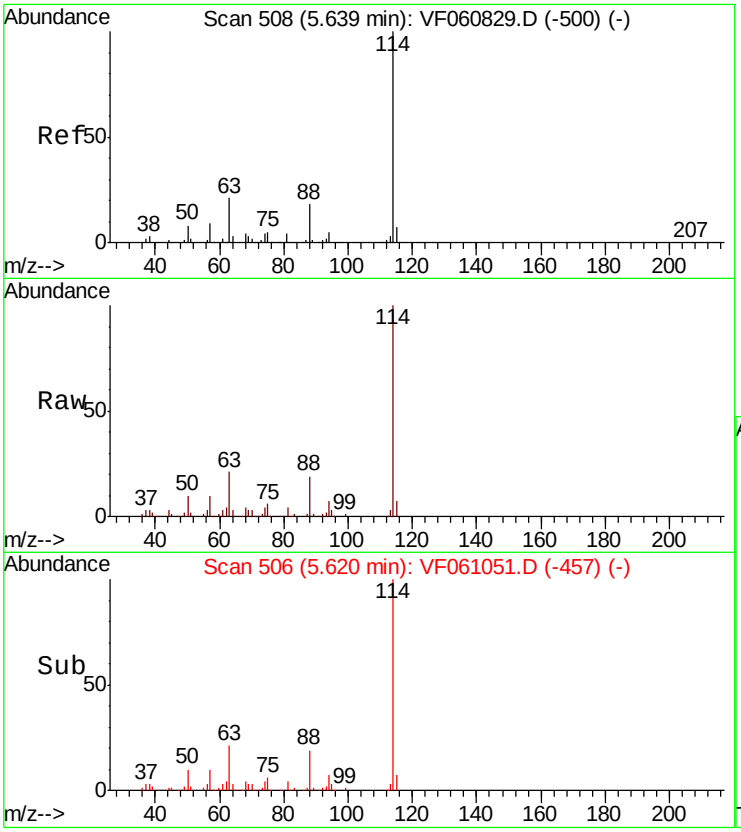


#33
1,2-Dichloroethane-d4
Concen: 51.056 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 65 Resp: 63513

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	96.4



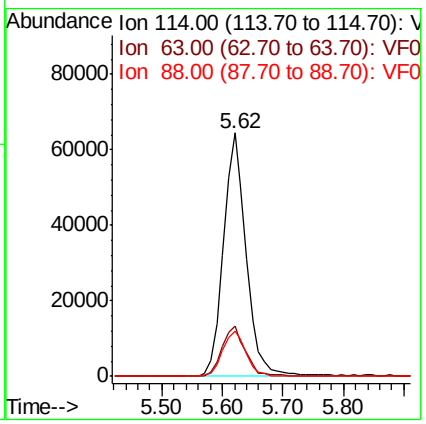


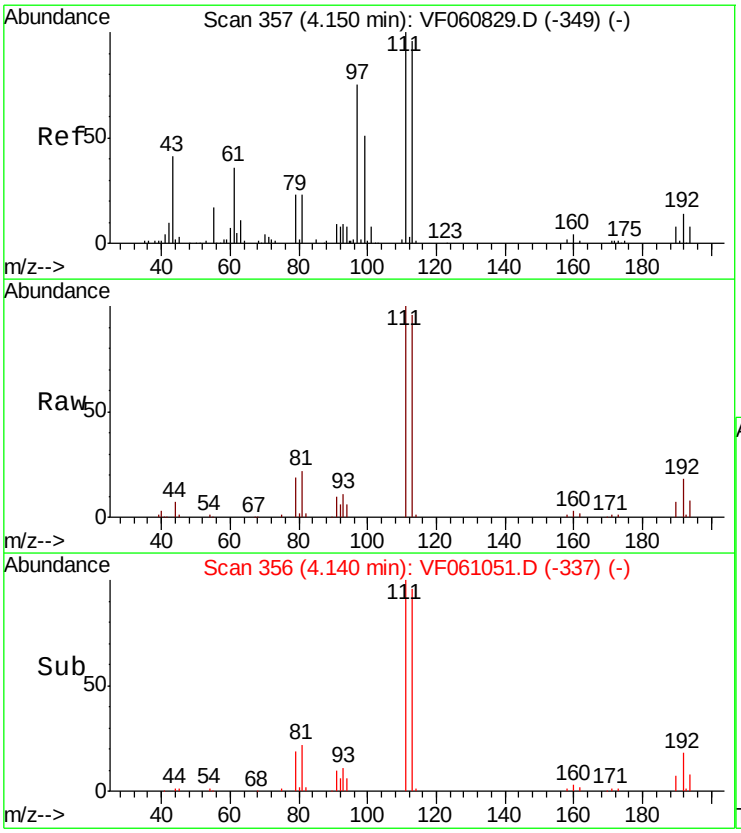
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 168236

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.6
88	18.6	0.0	36.6

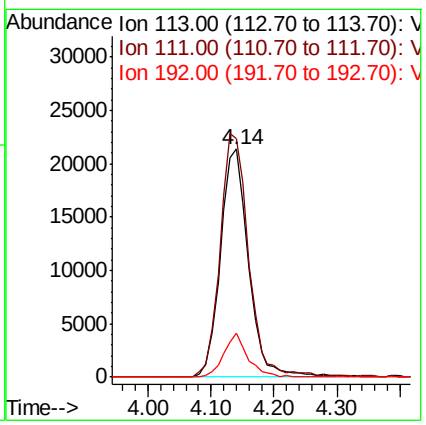


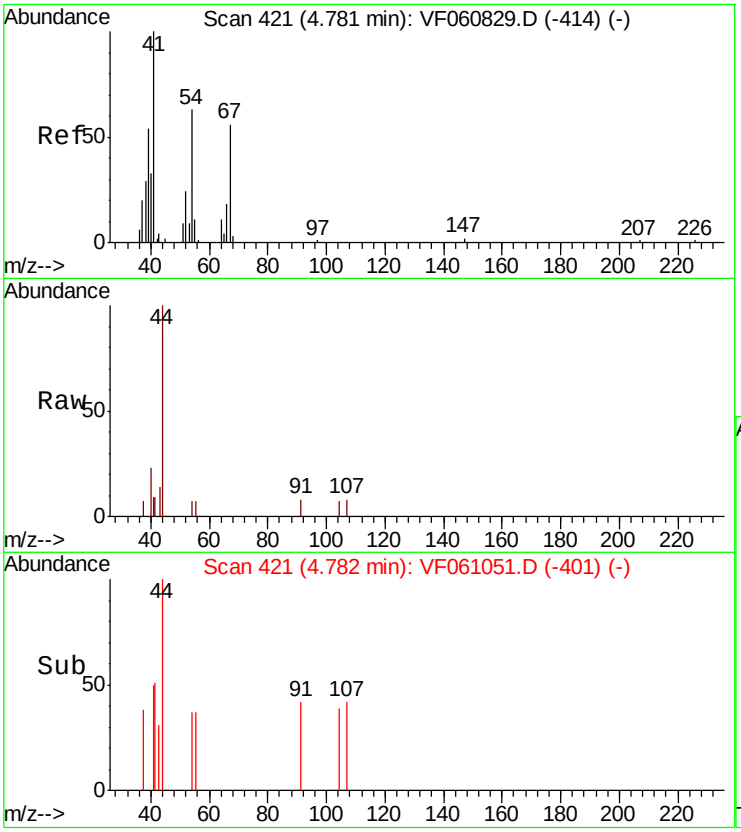


#35
Dibromofluoromethane
Concen: 49.554 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion:113 Resp: 66138

Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.0	124.6
192	19.7	12.3	18.5#



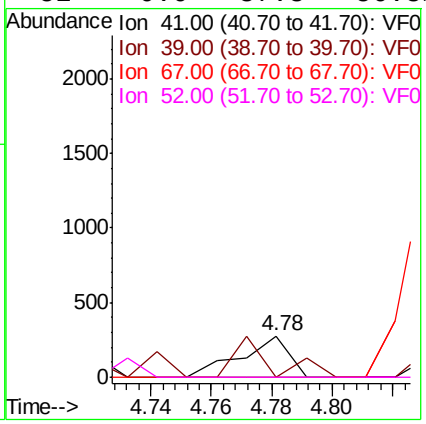


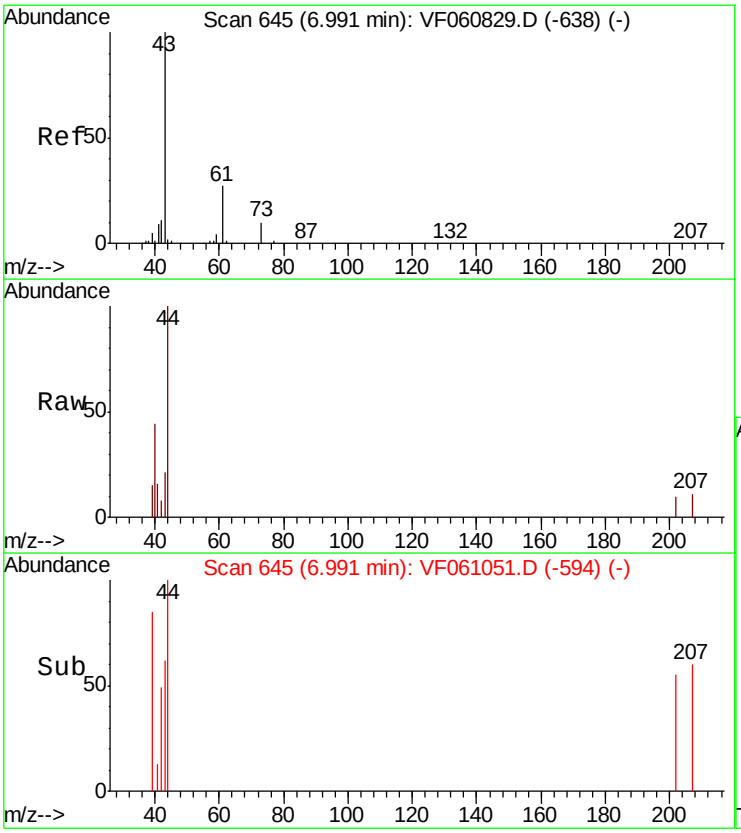
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.78 min Scan# 421
Delta R.T. 0.00 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 307

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

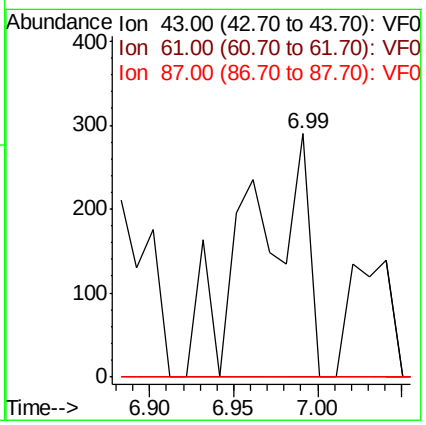


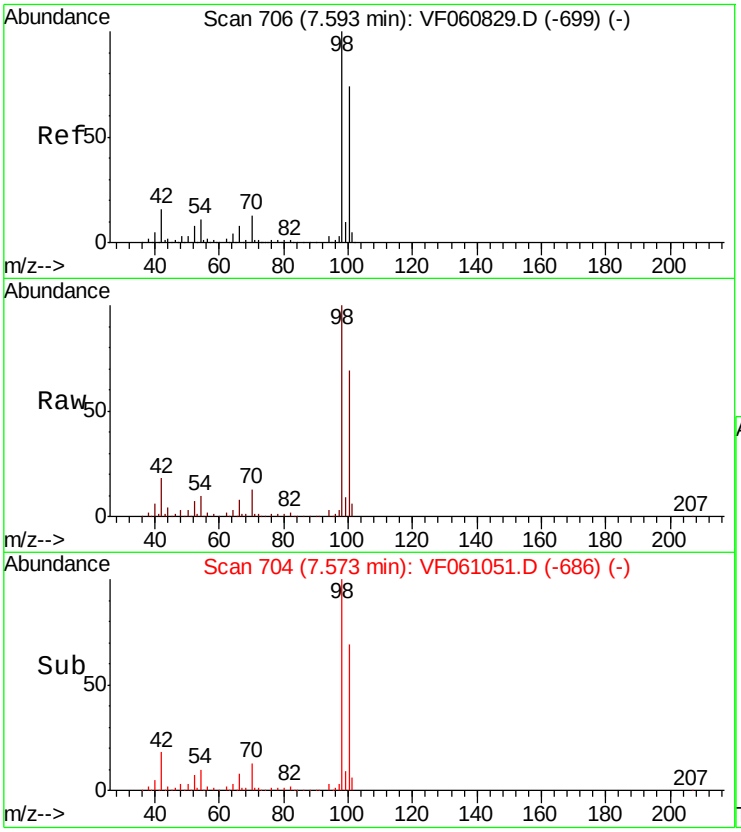


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.99 min Scan# 645
Delta R.T. 0.00 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 43 Resp: 691

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



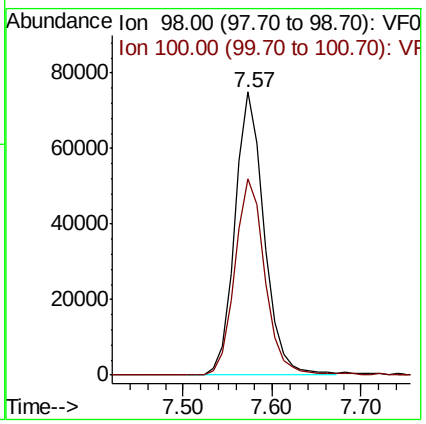


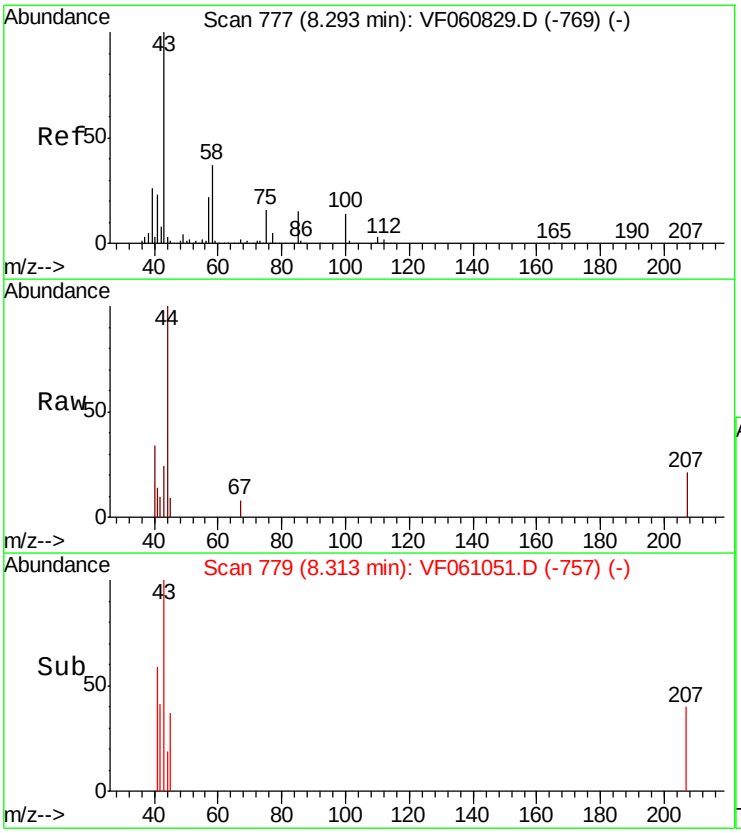
#50
Toluene-d8
Concen: 43.626 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 171514

Ion	Ratio	Lower	Upper
98	100		
100	69.3	59.3	88.9

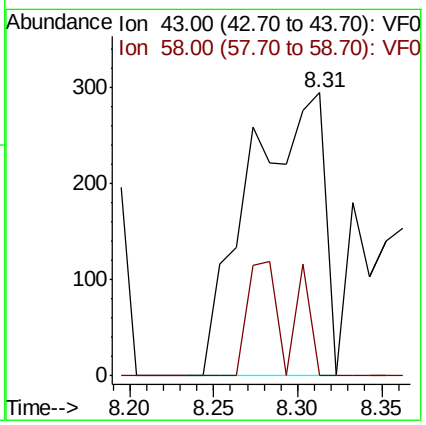


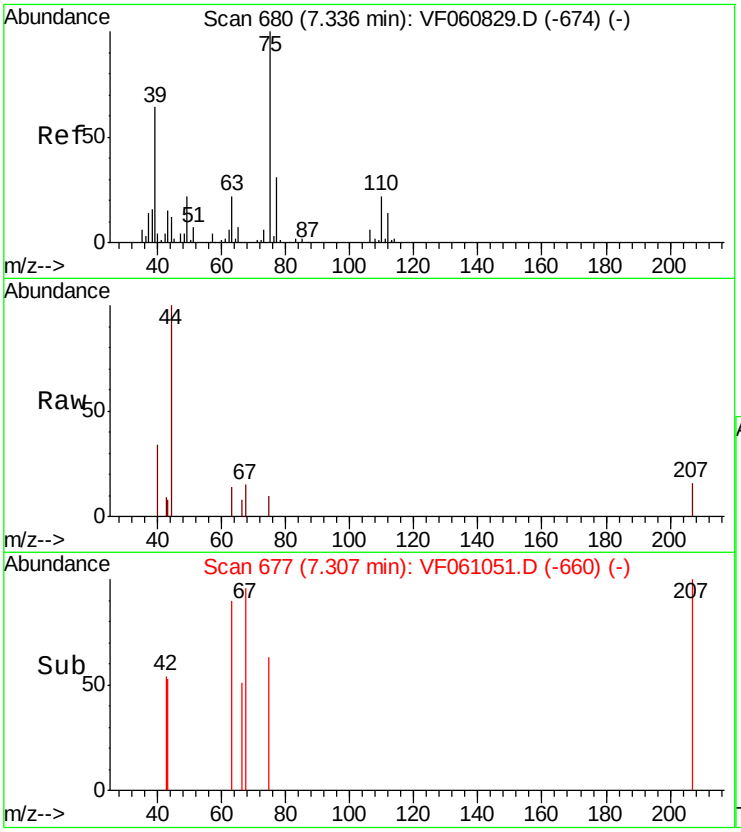


#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 8.31 min Scan# 779
Delta R.T. 0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



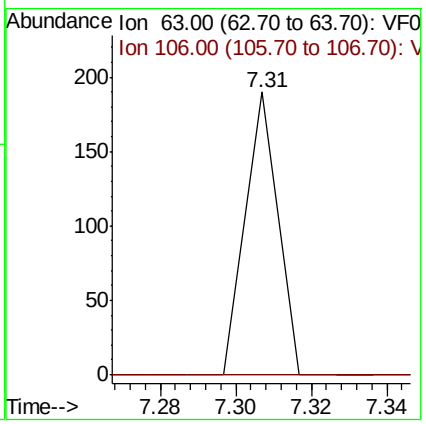


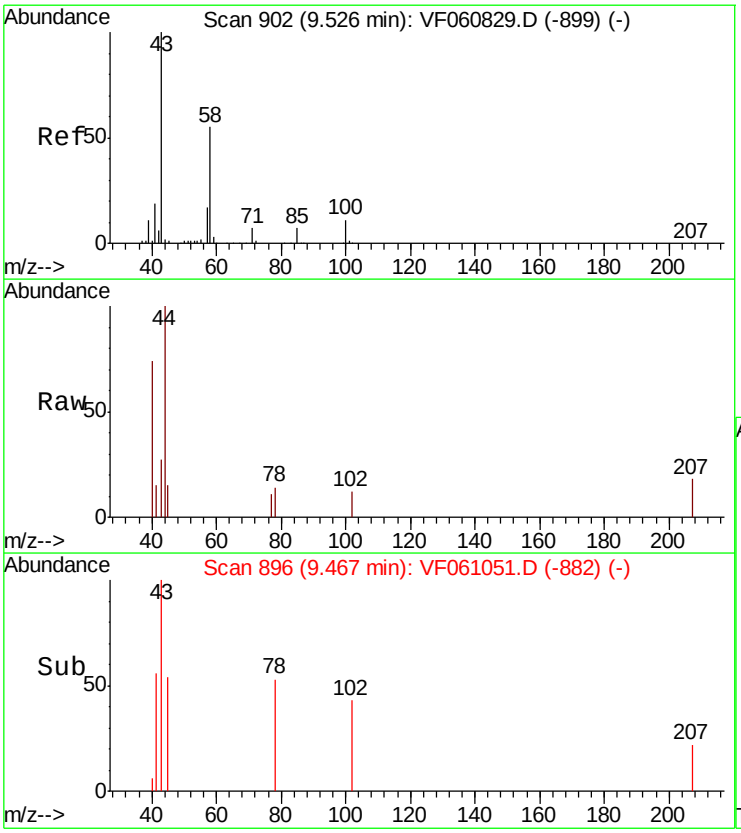
#58
2-Chloroethyl Vinyl ether
Concen: 1.168 ug/l
RT: 7.31 min Scan# 677
Delta R.T. -0.03 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 112

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.0	34.6#

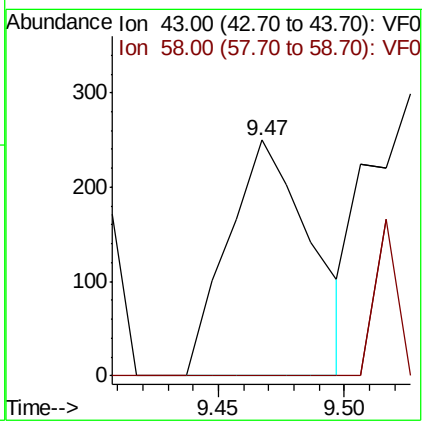


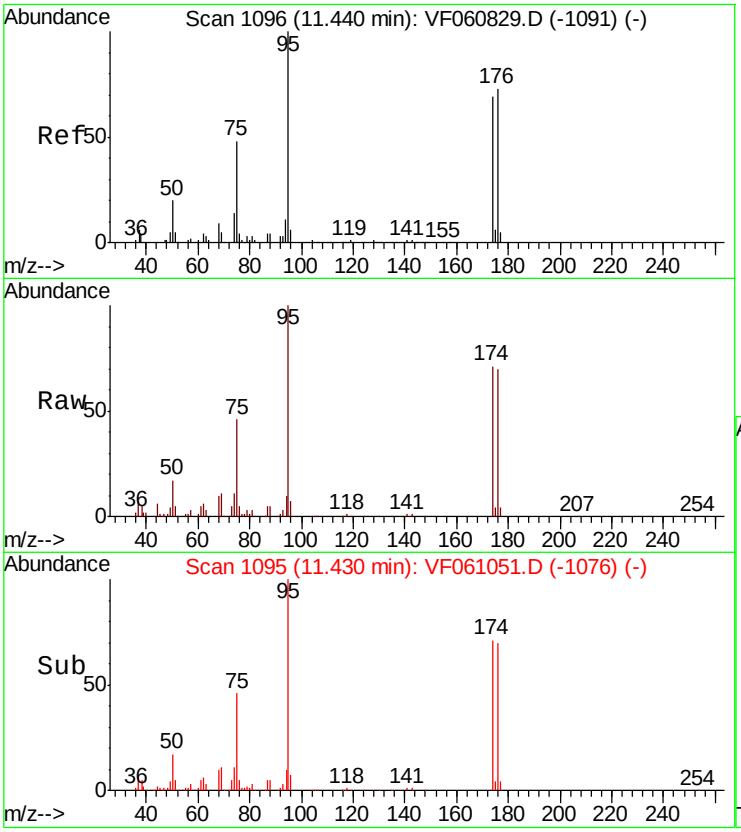


#59
2-Hexanone
Concen: 1.160 ug/l
RT: 9.47 min Scan# 896
Delta R.T. -0.06 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion: 43 Resp: 569

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.6#



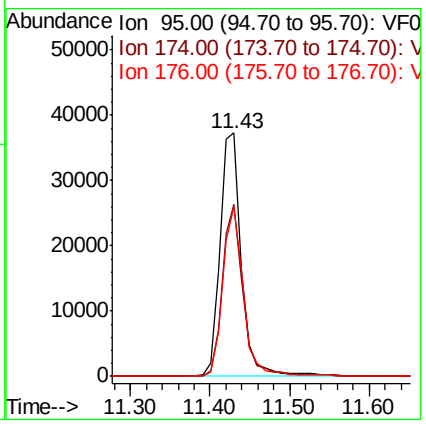


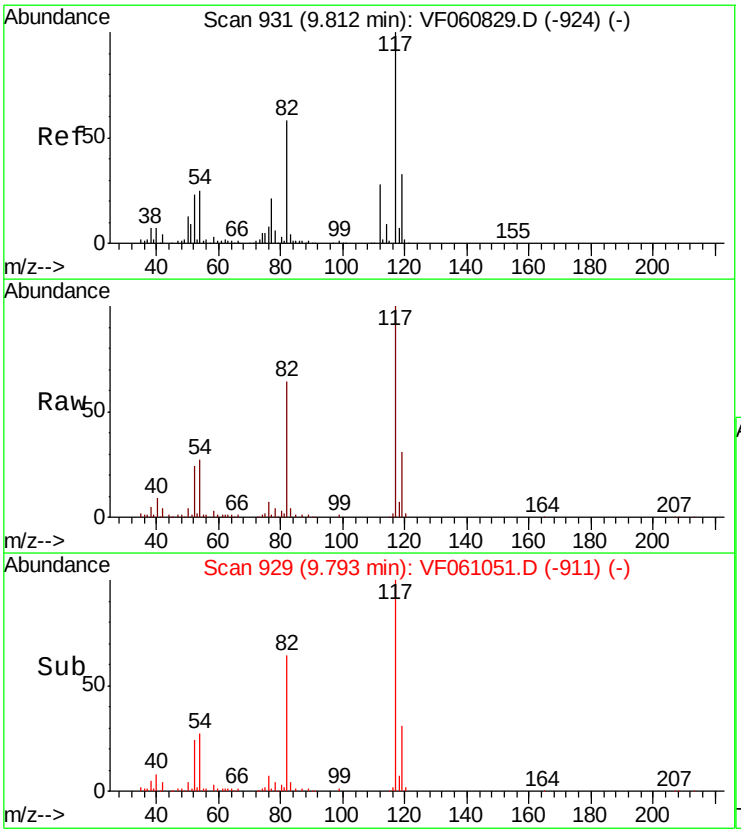
#62
4-Bromofluorobenzene
Concen: 39.710 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 70955

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	138.2
176	69.8	0.0	146.2

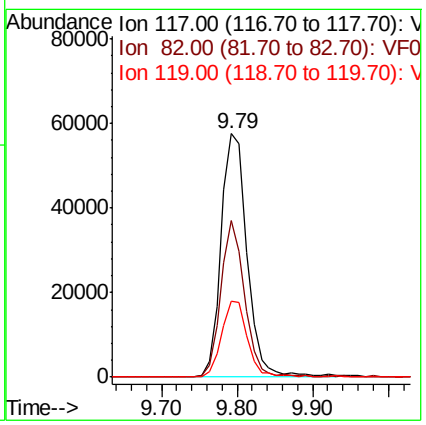


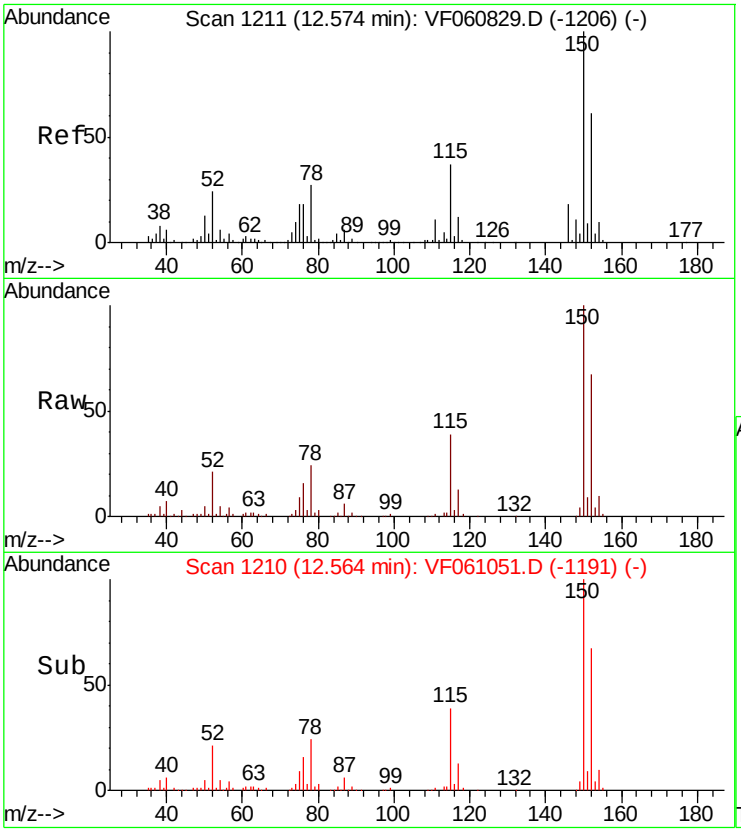


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion:117 Resp: 138021

Ion	Ratio	Lower	Upper
117	100		
82	64.5	46.6	69.8
119	31.2	26.4	39.6



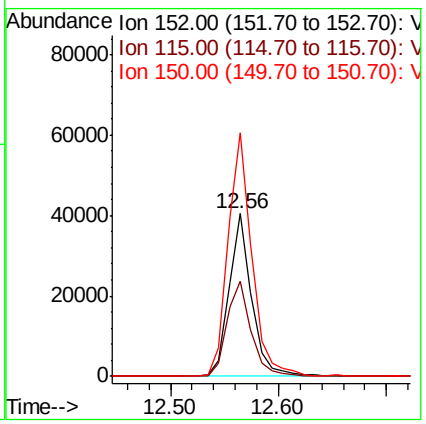


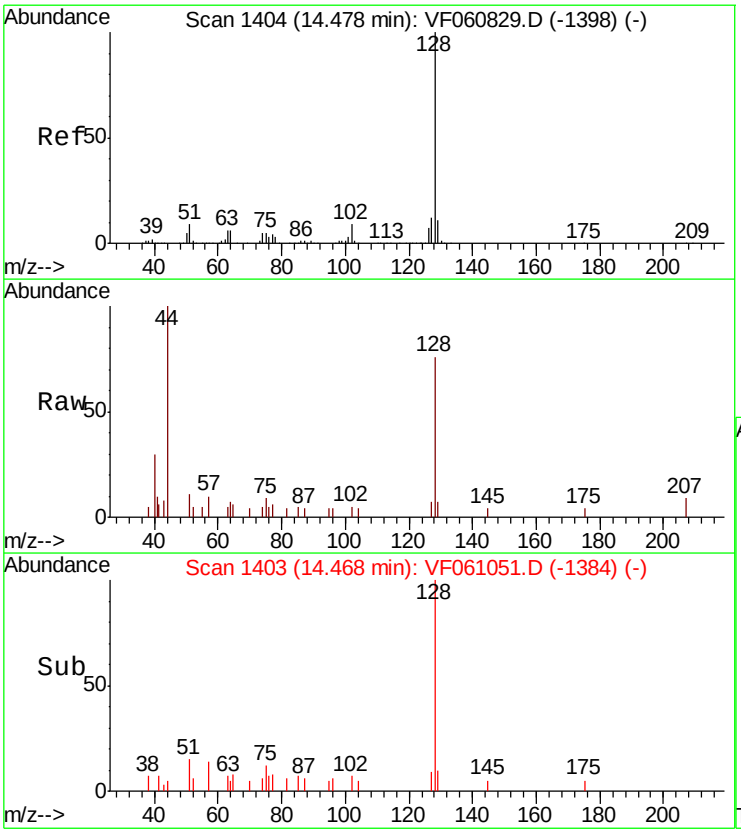
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 59072

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.1	90.5
150	149.7	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF061051.D
Acq: 17 Dec 2018 20:20

Tgt Ion:128 Resp: 2872

Ion	Ratio	Lower	Upper
128	100		
127	8.8	9.9	14.9#
129	9.7	9.1	13.7