Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060010.D
Acq On : 20 Aug 2018 18:56
Operator : VA/AP
Sample : J4497-01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CARLSTADT-FRONT

Quant Time: Aug 21 04:28:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.04	168	166225	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.77	114	230516	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.92	117	246951	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	147715	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.03	65	146604	45.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.38%				
35) Dibromofluoromethane	4.30	113	119080	50.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.10%				
50) Toluene-d8	7.72	98	241084	46.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.04%				
62) 4-Bromofluorobenzene	11.51	95	136006	42.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.60%				
Target Compounds							Qvalue
3) Chloromethane	1.09	50	1775	Below Cal			98
5) Bromomethane	1.33	94	1126	Below Cal			87
11) Tert butyl alcohol	2.69	59	339	1.81	ug/l	#	76
13) Acrolein	2.12	56	60	13.13	ug/l	#	34
15) Acrylonitrile	3.06	53	315	1.04	ug/l	#	11
16) Acetone	2.33	43	2977	Below Cal			100
18) Methyl Acetate	2.48	43	3144	Below Cal		#	63
20) Methylene Chloride	2.28	84	11687	2.73	ug/l		96
39) Methylcyclohexane	5.76	83	4002	2.03	ug/l	#	29
58) 2-Chloroethyl Vinyl ether	7.72	63	287	2.21	ug/l		100

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

Quantitation Report (Not Reviewed)

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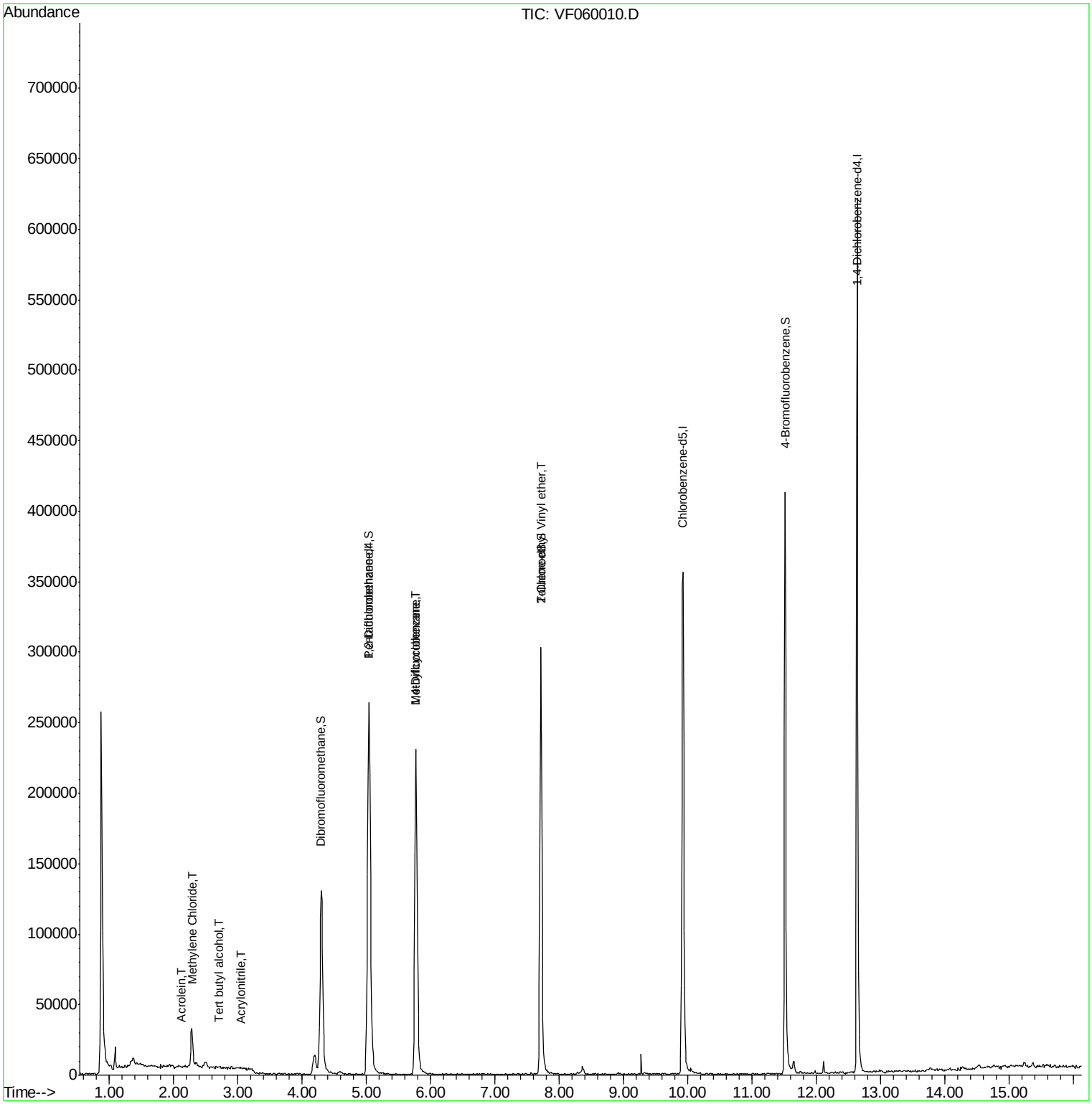
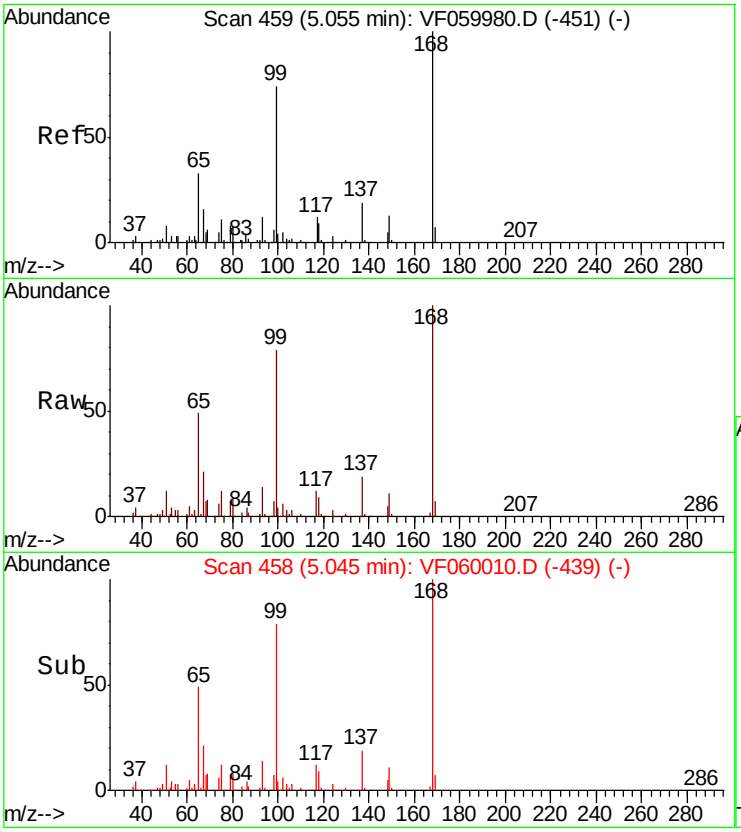
Quant Time: Aug 21 04:28:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration



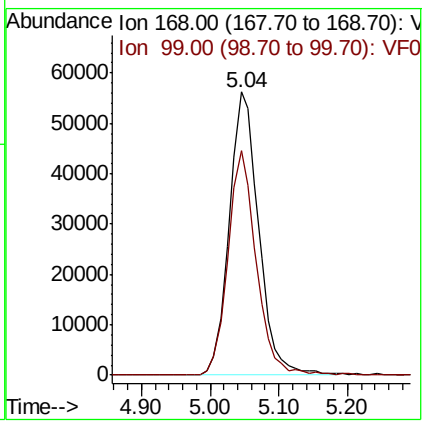


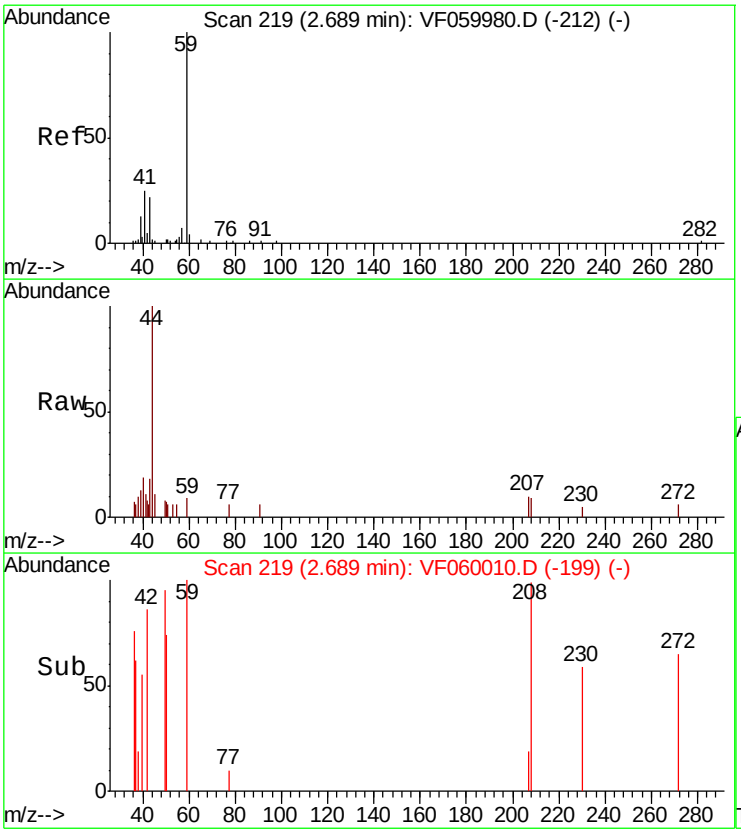
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion:168 Resp: 166225

Ion	Ratio	Lower	Upper
168	100		
99	79.3	59.0	88.6

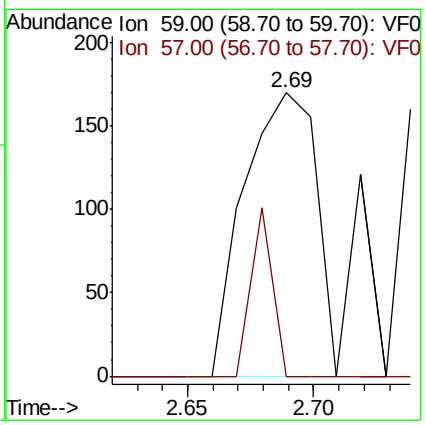


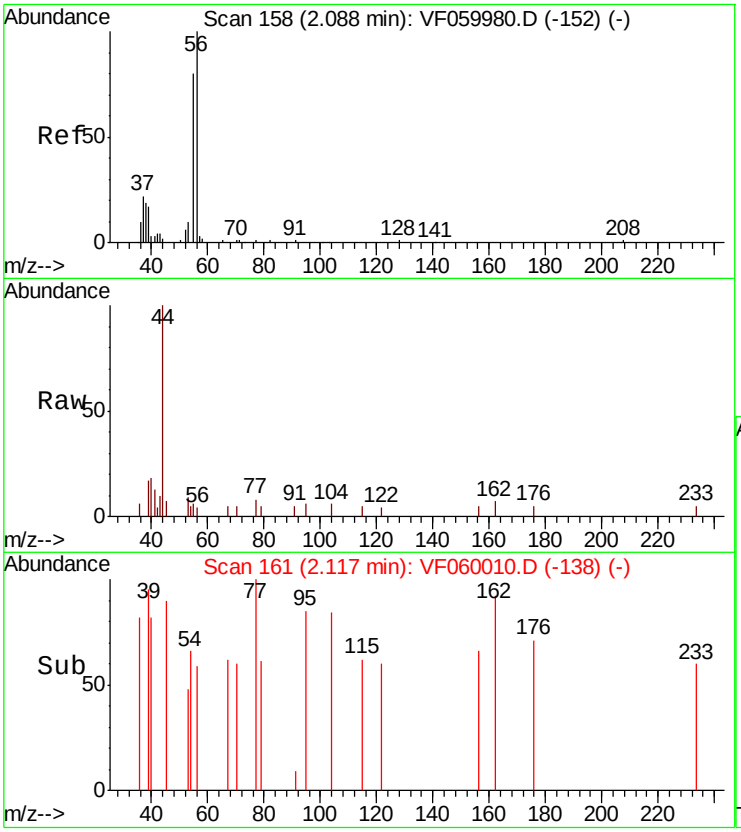


#11
Tert butyl alcohol
Concen: 1.81 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 59 Resp: 339

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.8	10.2#



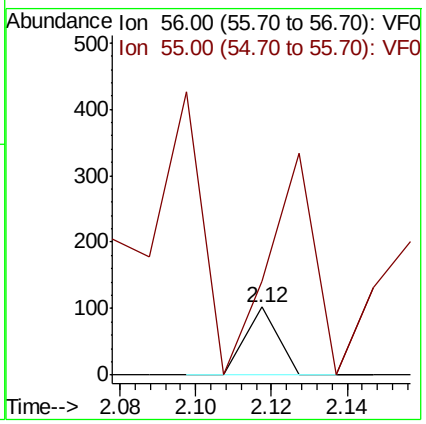


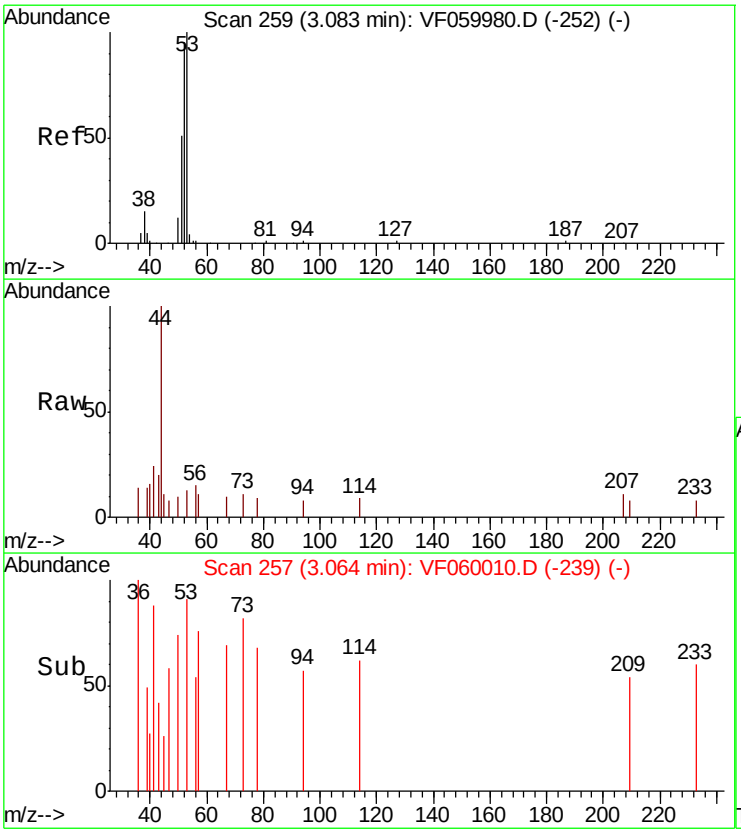
#13
Acrolein
Concen: 13.13 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.03 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	138.2	63.8	95.6#

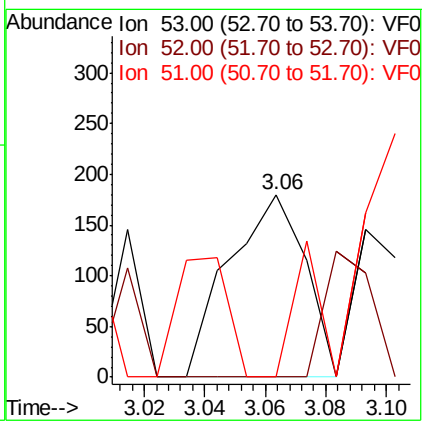


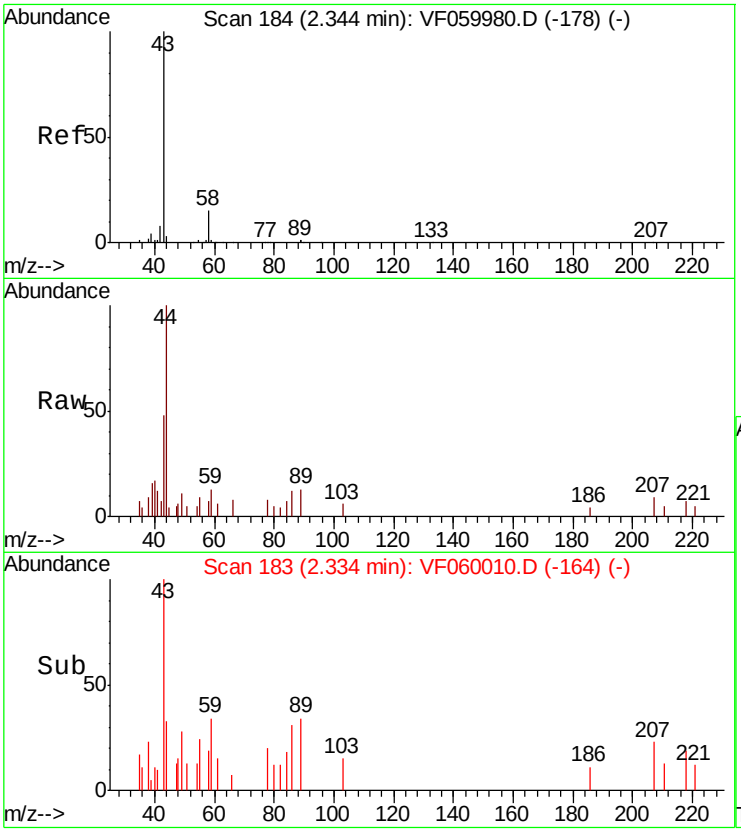


#15
Acrylonitrile
Concen: 1.04 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 53 Resp: 315

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.0	114.0#
51	0.0	41.9	62.9#



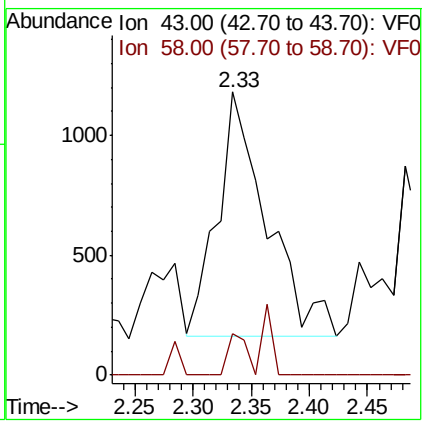


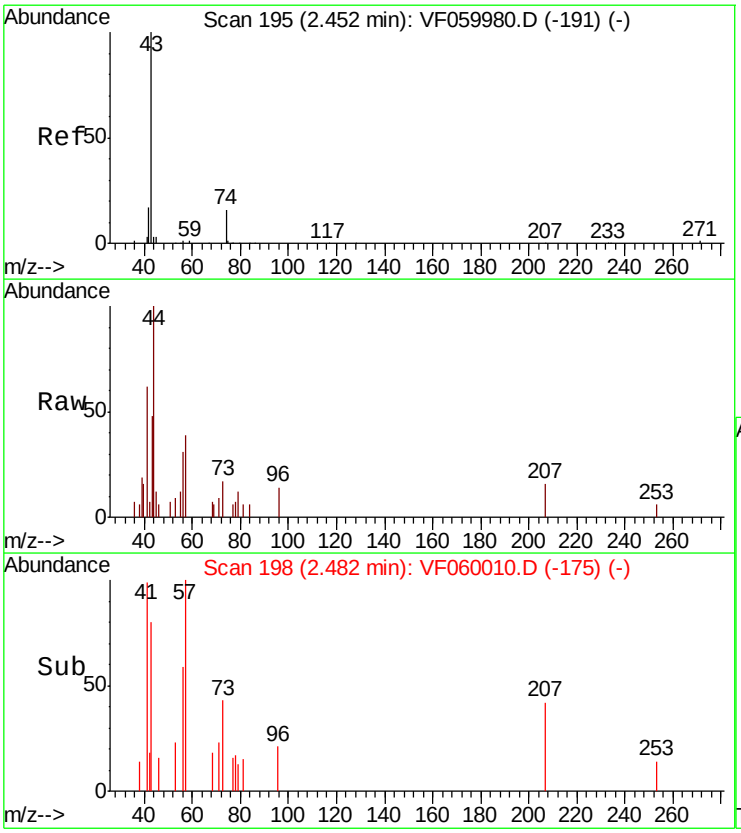
#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 43 Resp: 2977

Ion	Ratio	Lower	Upper
43	100		
58	14.7	11.9	17.9

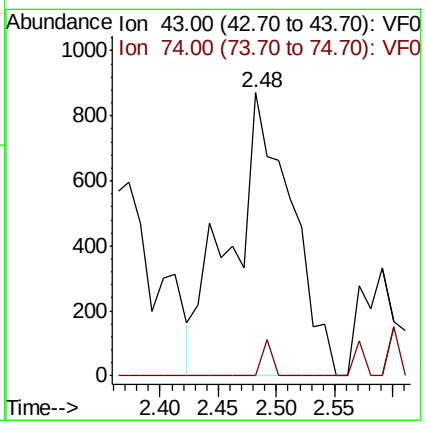


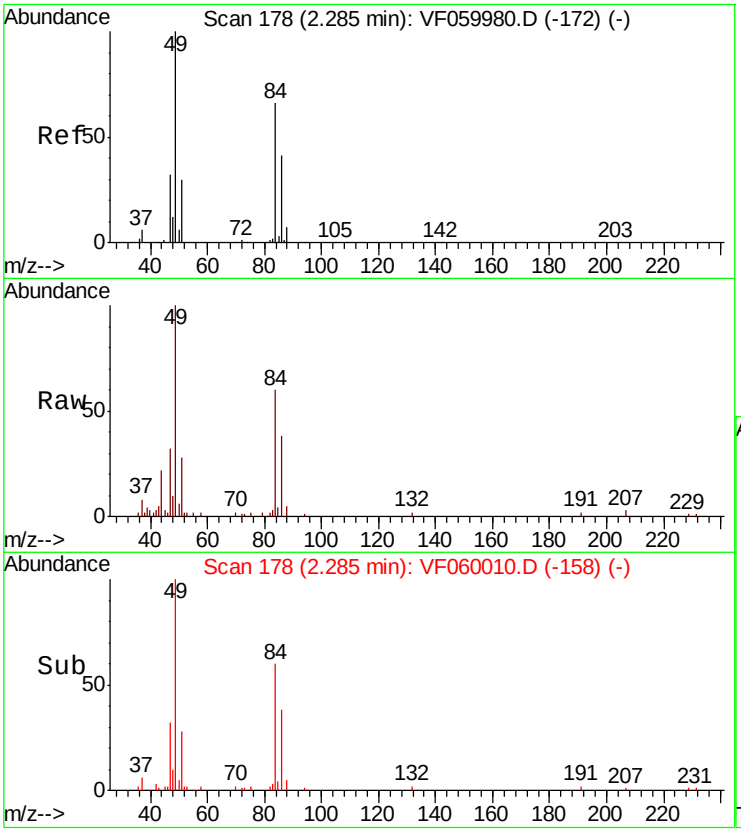


#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 43 Resp: 3144

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.3	18.5#



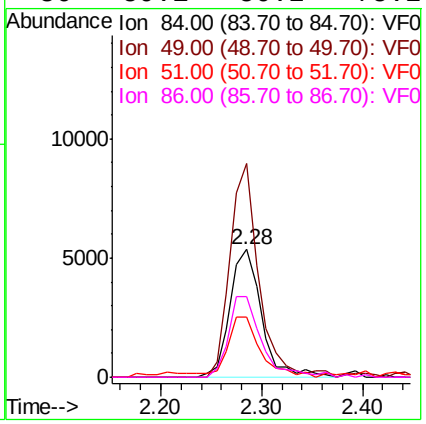


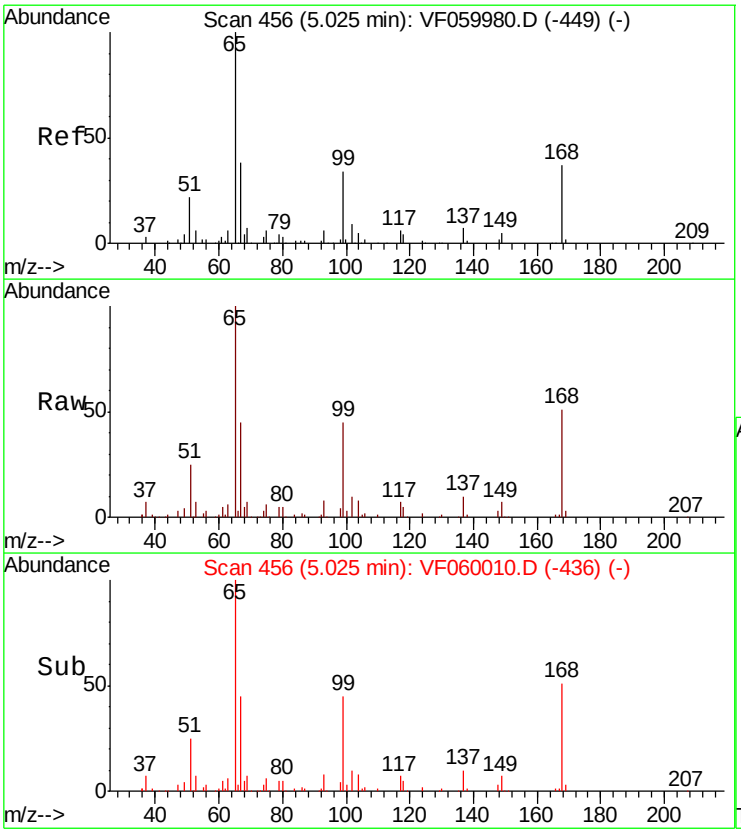
#20
Methylene Chloride
Concen: 2.73 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 84 Resp: 11687

Ion	Ratio	Lower	Upper
84	100		
49	157.3	122.5	183.7
51	44.4	37.1	55.7
86	59.1	50.2	75.2

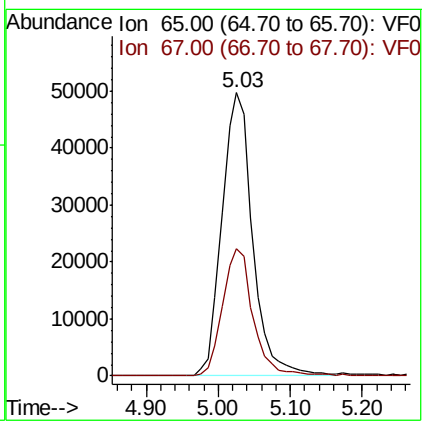


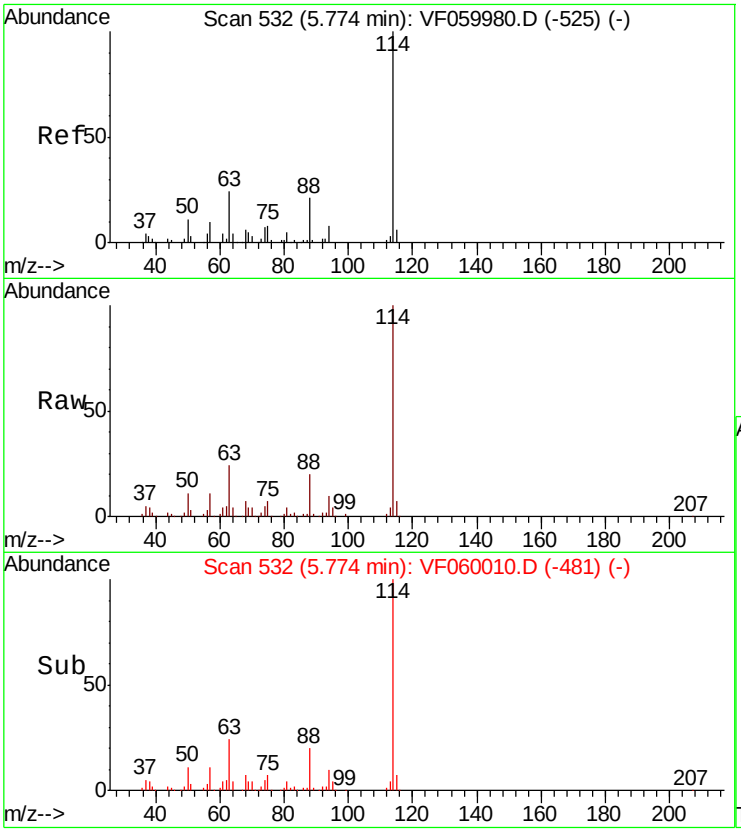


#33
1,2-Dichloroethane-d4
Concen: 45.69 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 65 Resp: 146604

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	82.6



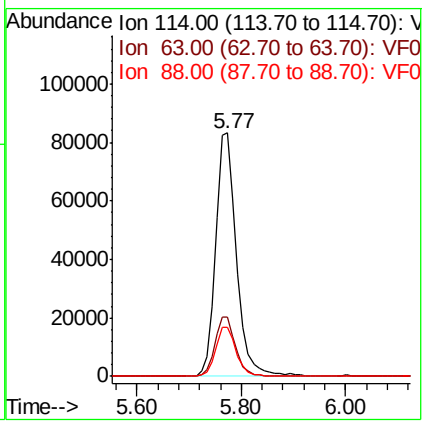


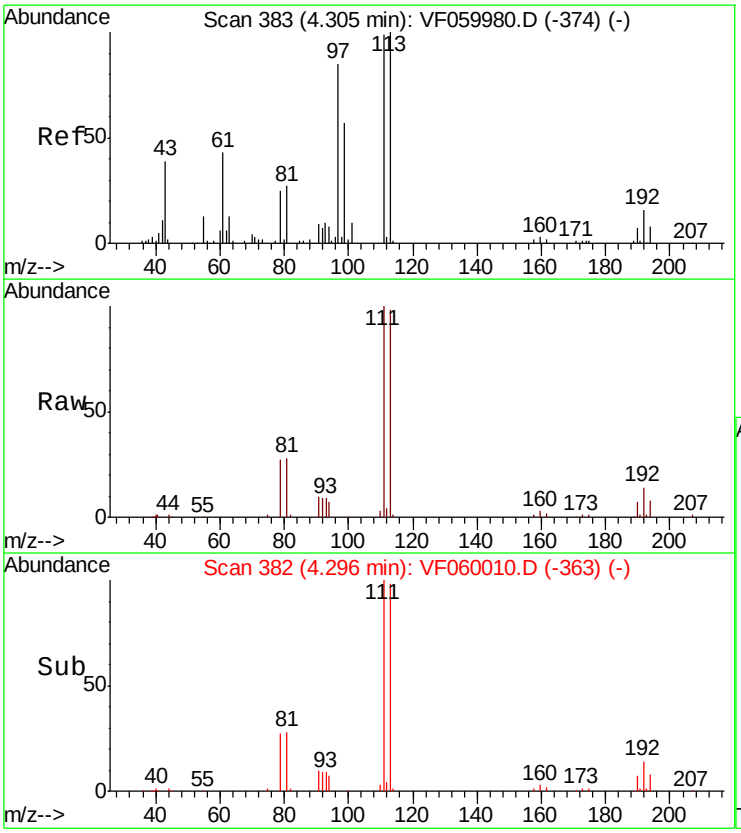
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion:114 Resp: 230516

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	19.9	0.0	42.8

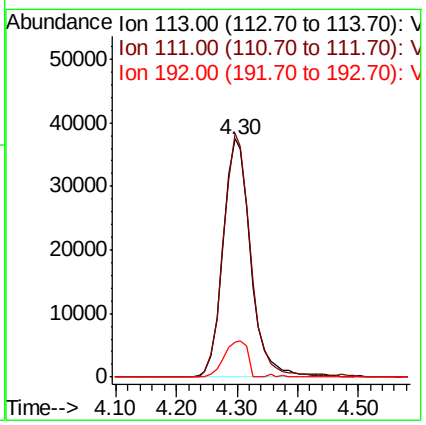


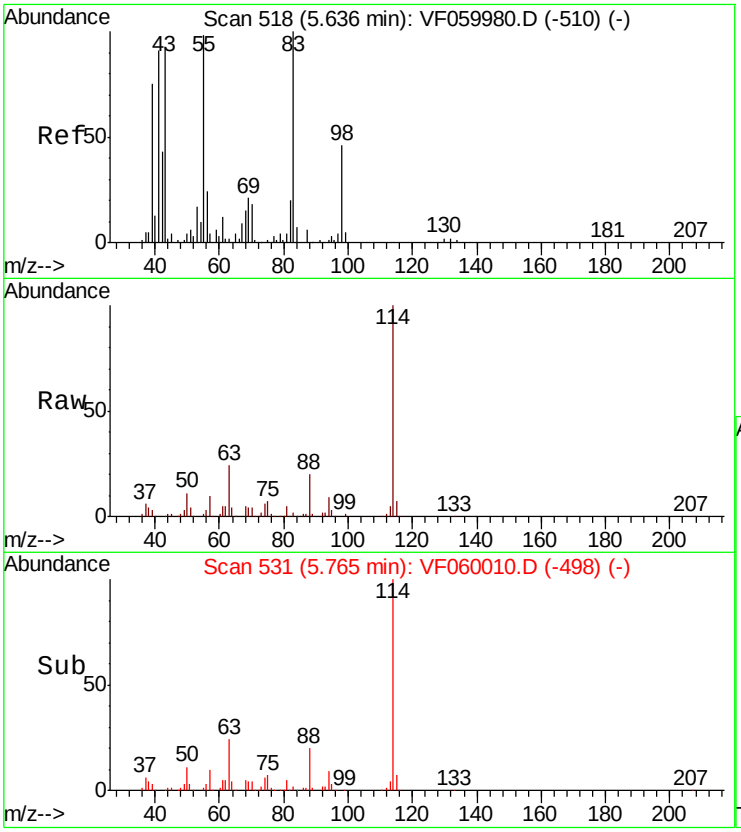


#35
Dibromofluoromethane
Concen: 50.55 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion:113 Resp: 119080

Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.5	119.3
192	14.6	12.4	18.6



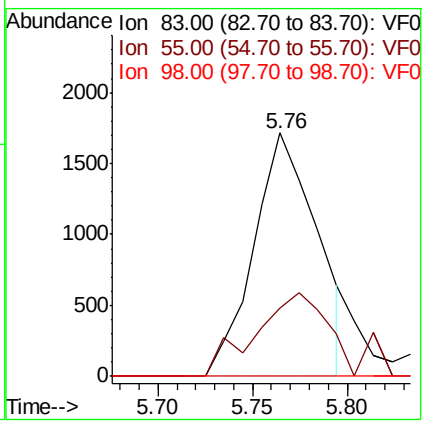


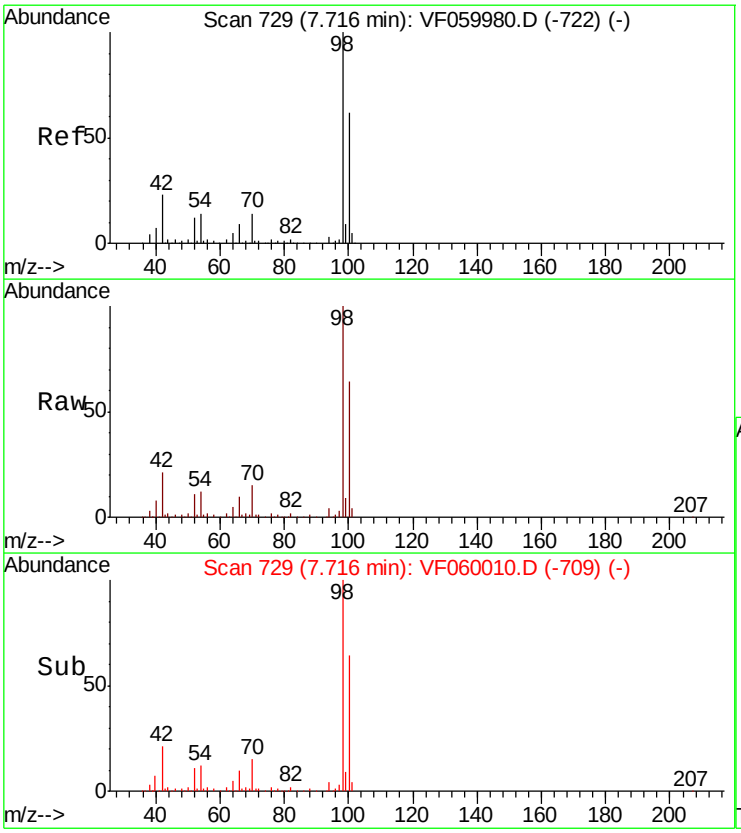
#39
Methylcyclohexane
Concen: 2.03 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.13 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 83 Resp: 4002

Ion	Ratio	Lower	Upper
83	100		
55	28.0	78.8	118.2#
98	0.0	36.8	55.2#

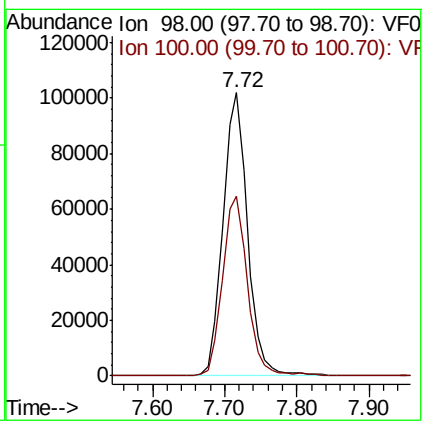


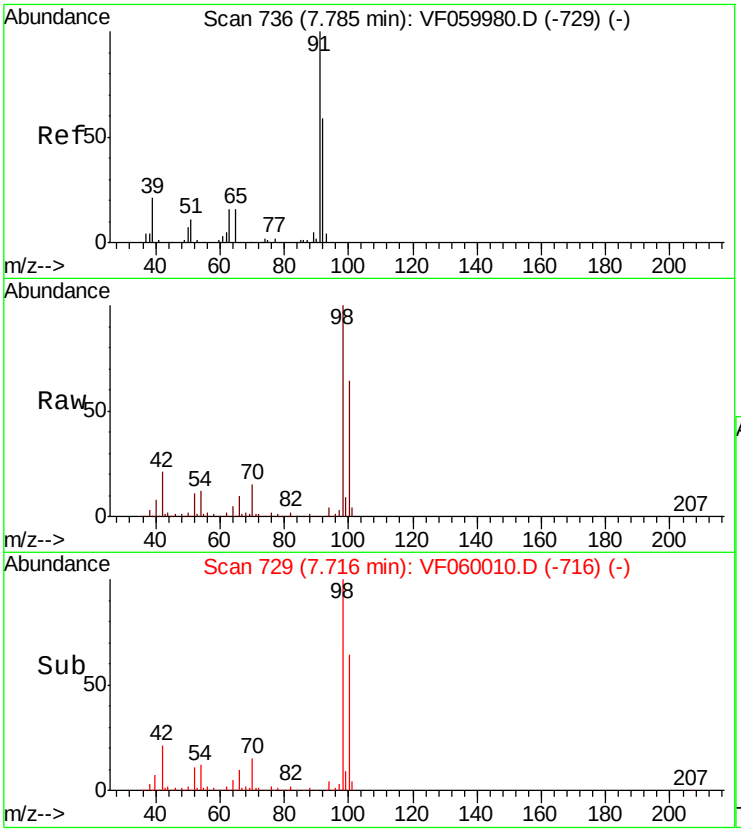


#50
Toluene-d8
Concen: 46.02 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 98 Resp: 241084

Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.8	74.8



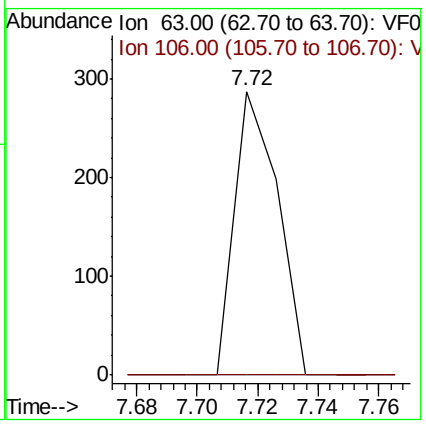


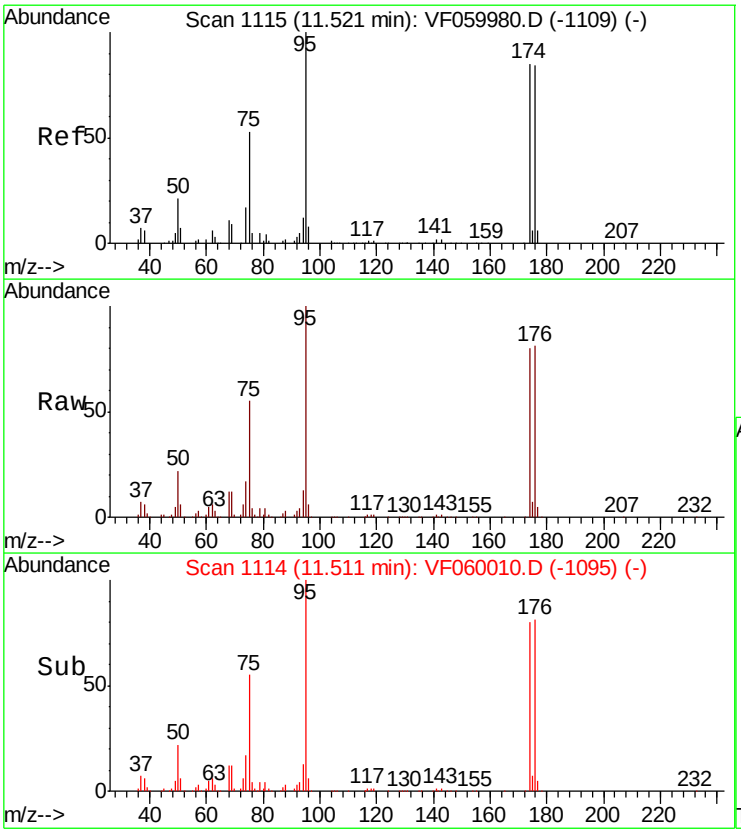
#58
2-Chloroethyl Vinyl ether
Concen: 2.21 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.07 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion: 63 Resp: 287

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

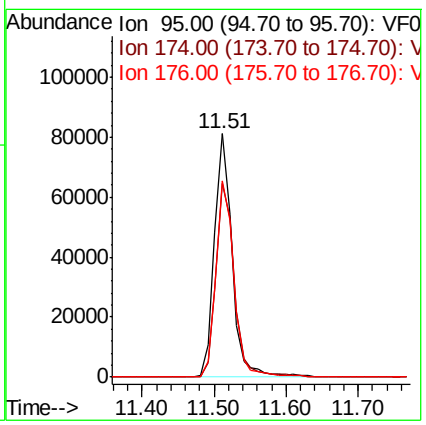


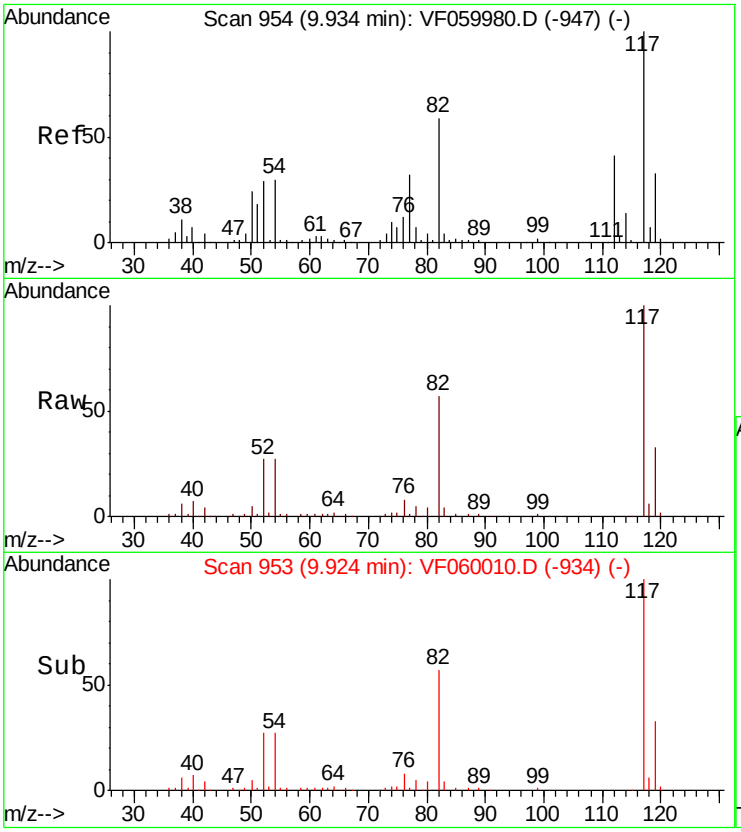


#62
4-Bromofluorobenzene
Concen: 42.30 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion: 95 Resp: 136006

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	169.8
176	80.7	0.0	167.8



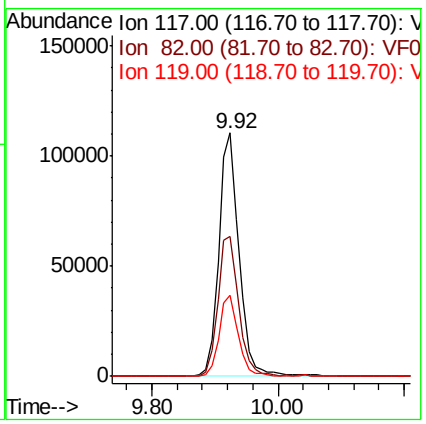


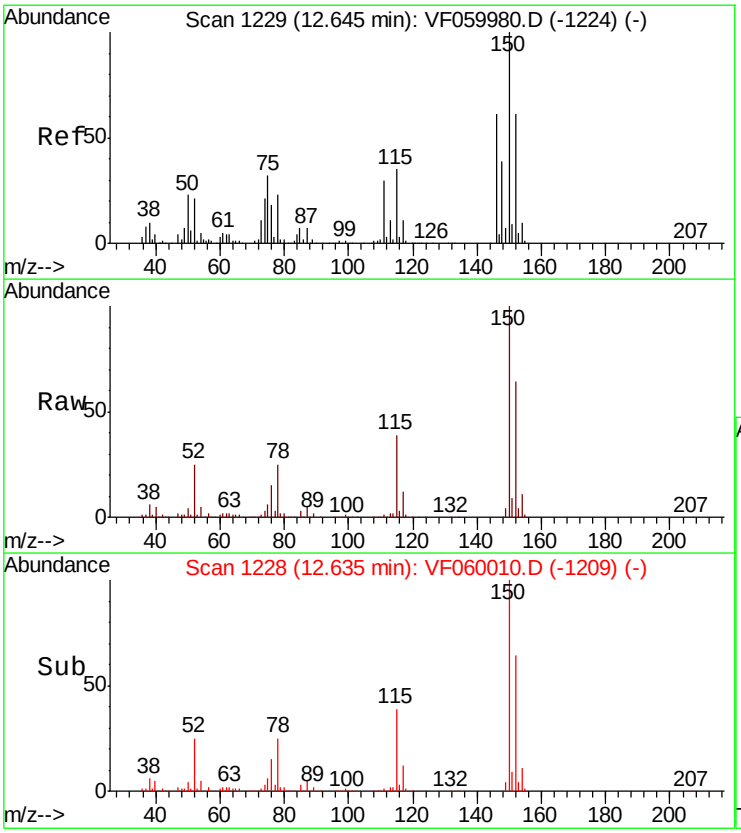
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
CARLSTADT-FRONT

Tgt Ion:117 Resp: 246951

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.2	70.8
119	33.1	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060010.D
Acq: 20 Aug 2018 18:56

Tgt Ion:152 Resp: 147715

Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.3
150	156.9	0.0	330.2