Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060787.D
Acq On : 19 Nov 2018 20:30
Operator : VA/AP
Sample : J5950-03RE
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SSI-03

Quant Time: Nov 20 02:19:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	180278	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	292807	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	283383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	163697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	105810	51.46	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.92%			
35) Dibromofluoromethane	4.12	113	122308	55.57	ug/l	-0.01
Spiked Amount 50.000			Recovery = 111.14%			
50) Toluene-d8	7.56	98	313831	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.02%			
62) 4-Bromofluorobenzene	11.42	95	153020	59.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	144	1.539	ug/l #	67
13) Acrolein	2.01	56	571	6.673	ug/l #	73
15) Acrylonitrile	2.93	53	723	3.626	ug/l #	35
16) Acetone	2.25	43	2038	4.637	ug/l #	89
18) Methyl Acetate	2.37	43	2656	3.680	ug/l #	64
20) Methylene Chloride	2.18	84	5681	1.091	ug/l #	71
29) Tetrahydrofuran	4.10	42	778	2.609	ug/l #	43
41) Methacrylonitrile	4.76	41	740	Below Cal	#	46
51) 4-Methyl-2-Pentanone	8.27	43	1900	1.569	ug/l #	68
59) 2-Hexanone	9.51	43	2355	2.768	ug/l	78

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

Quantitation Report (Not Reviewed)

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Operator : VA/AP
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Instrument :
MSVOA_F
ClientSampleId :
SSI-03

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
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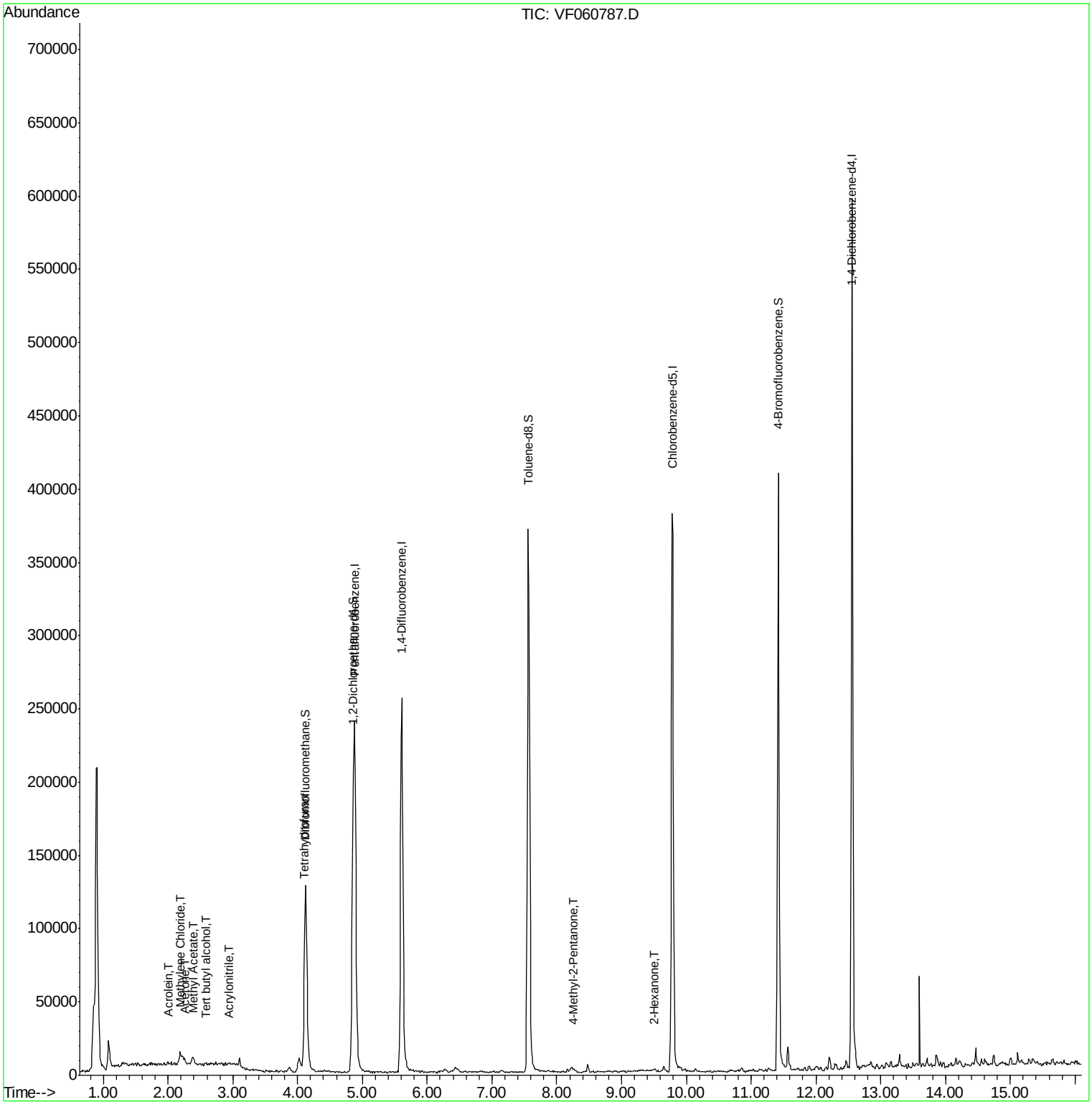
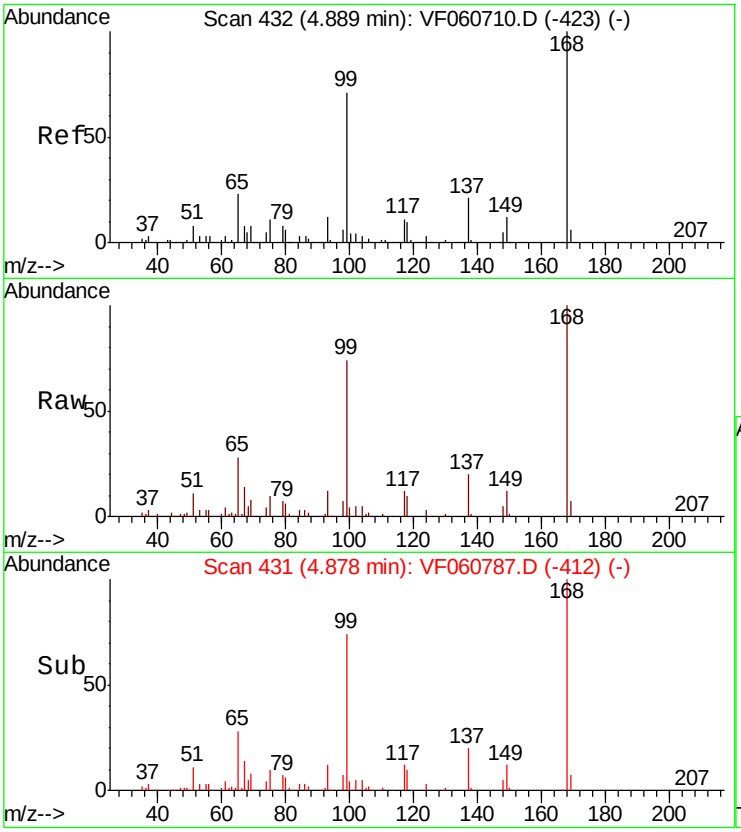


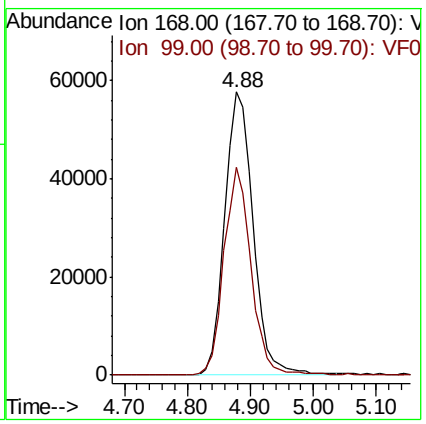


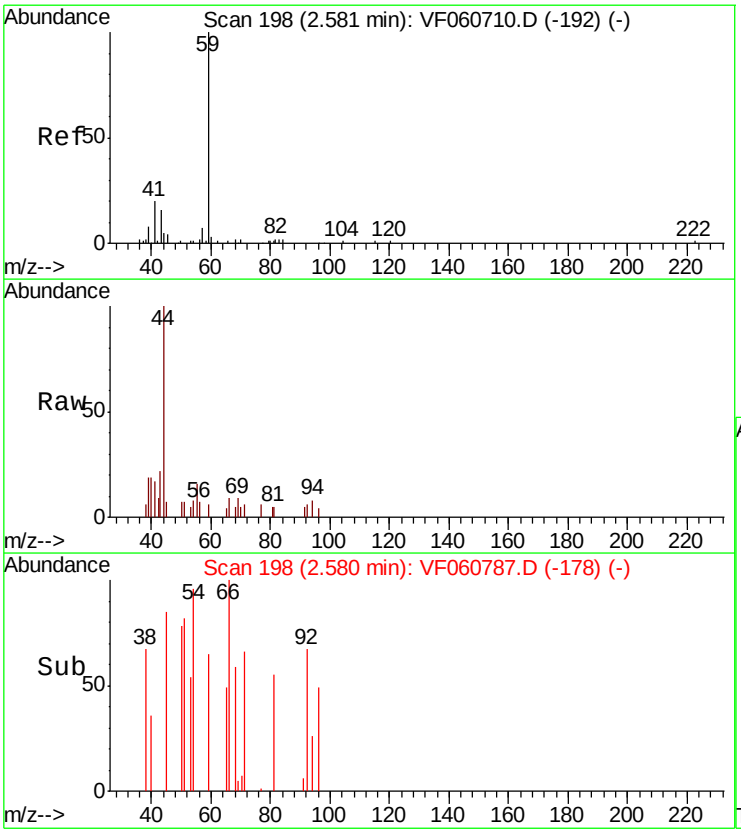
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument :
MSVOA_F
ClientSampleId :
SSI-03

Tgt Ion:168 Resp: 180278

Ion	Ratio	Lower	Upper
168	100		
99	73.5	57.2	85.8

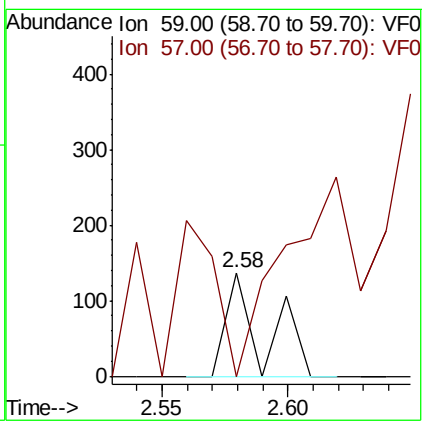


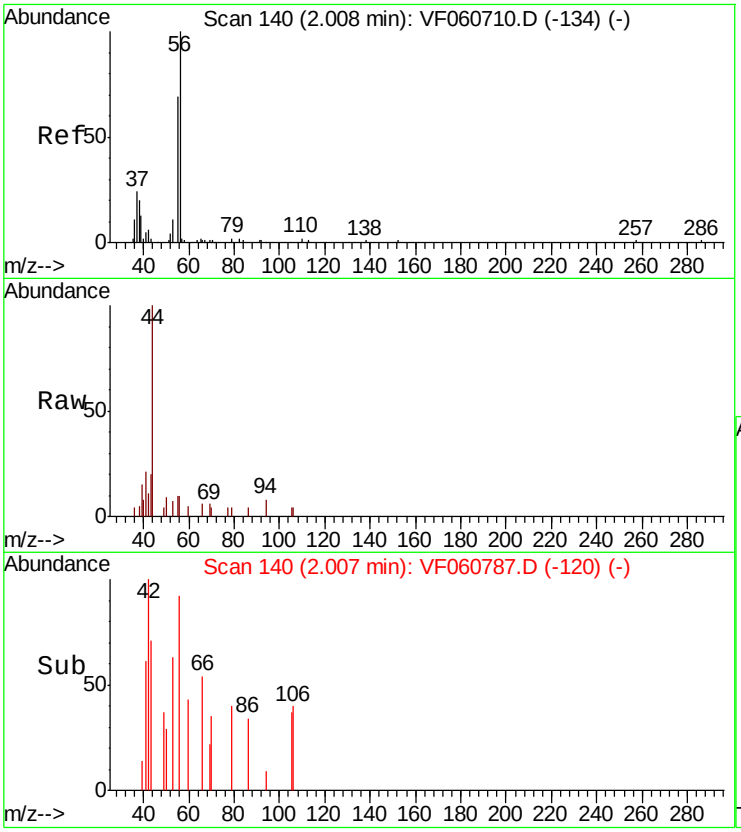


#11
Tert butyl alcohol
Concen: 1.539 ug/l
RT: 2.58 min Scan# 198
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 59 Resp: 144

Ion	Ratio	Lower	Upper
59	100		
57	0.0	10.5	15.7#



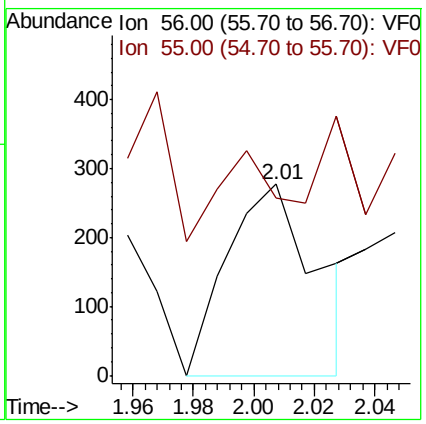


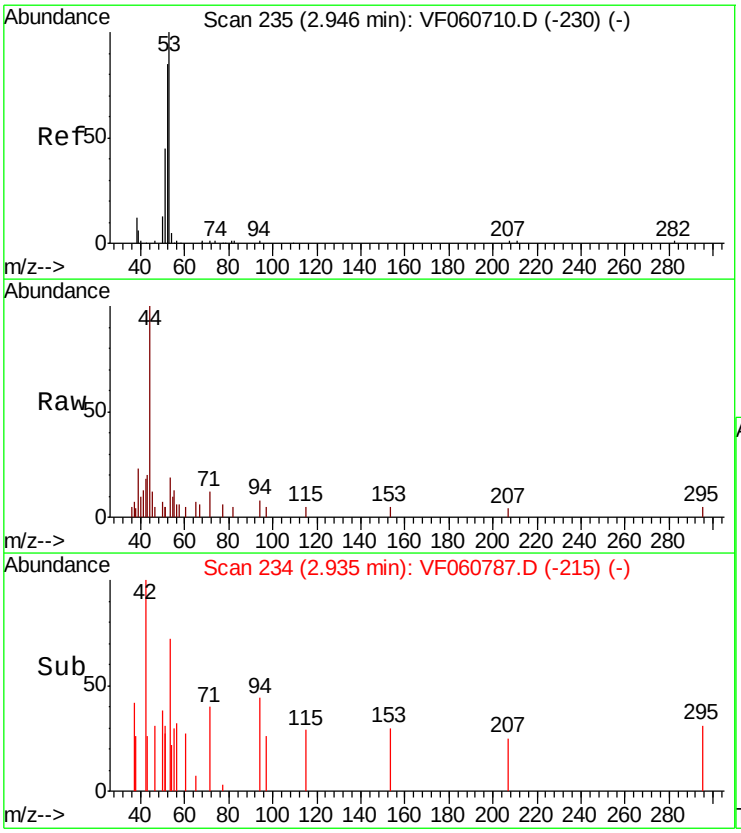
#13
Acrolein
Concen: 6.673 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument :
MSVOA_F
ClientSampleId :
SSI-03

Tgt Ion: 56 Resp: 571

Ion	Ratio	Lower	Upper
56	100		
55	93.1	56.6	85.0#

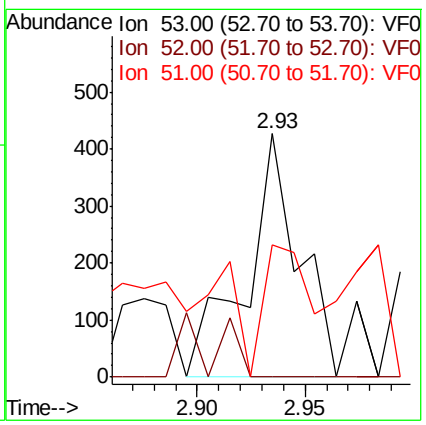


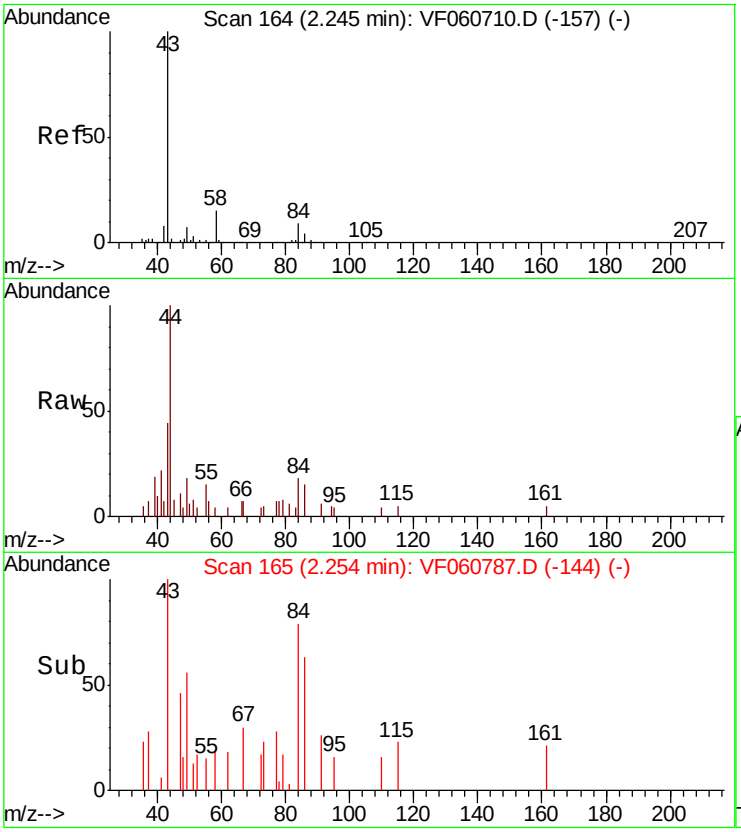


#15
Acrylonitrile
Concen: 3.626 ug/l
RT: 2.93 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 53 Resp: 723

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	54.3	36.7	55.1



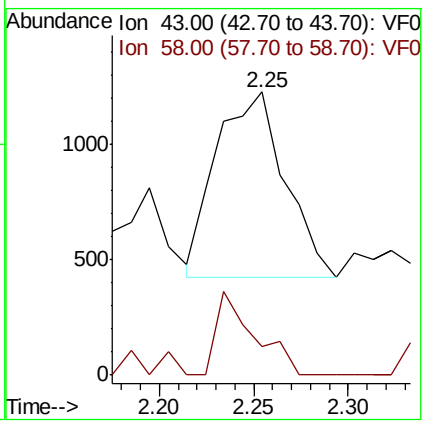


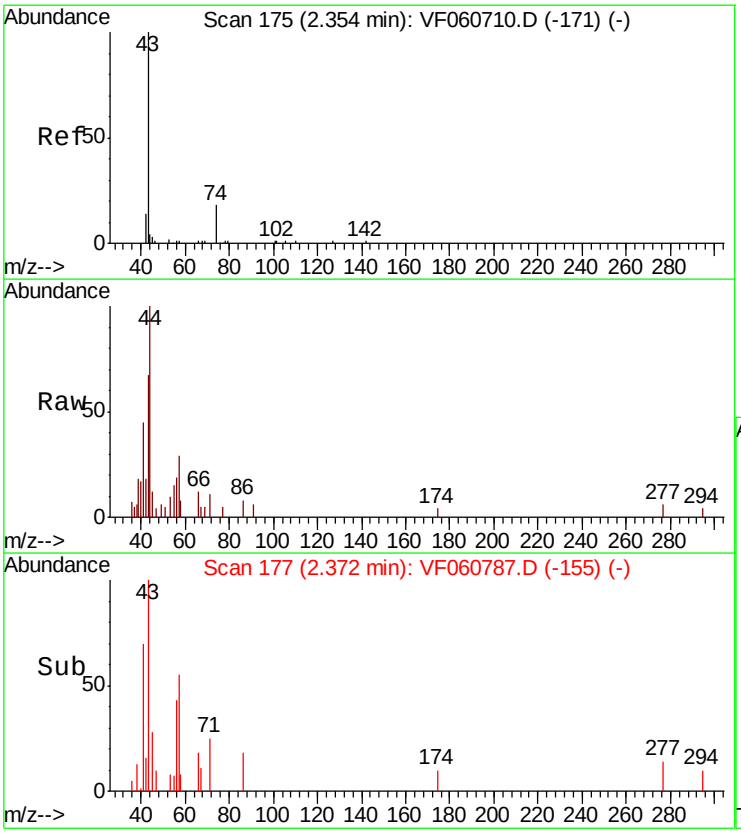
#16
Acetone
Concen: 4.637 ug/l
RT: 2.25 min Scan# 165
Delta R.T. 0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument : MSVOA_F
ClientSampleId : SSI-03

Tgt Ion: 43 Resp: 2038

Ion	Ratio	Lower	Upper
43	100		
58	10.0	11.6	17.4#

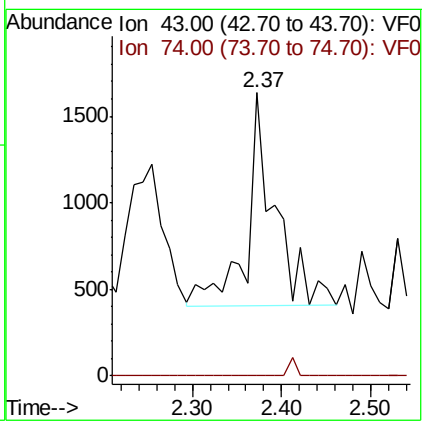


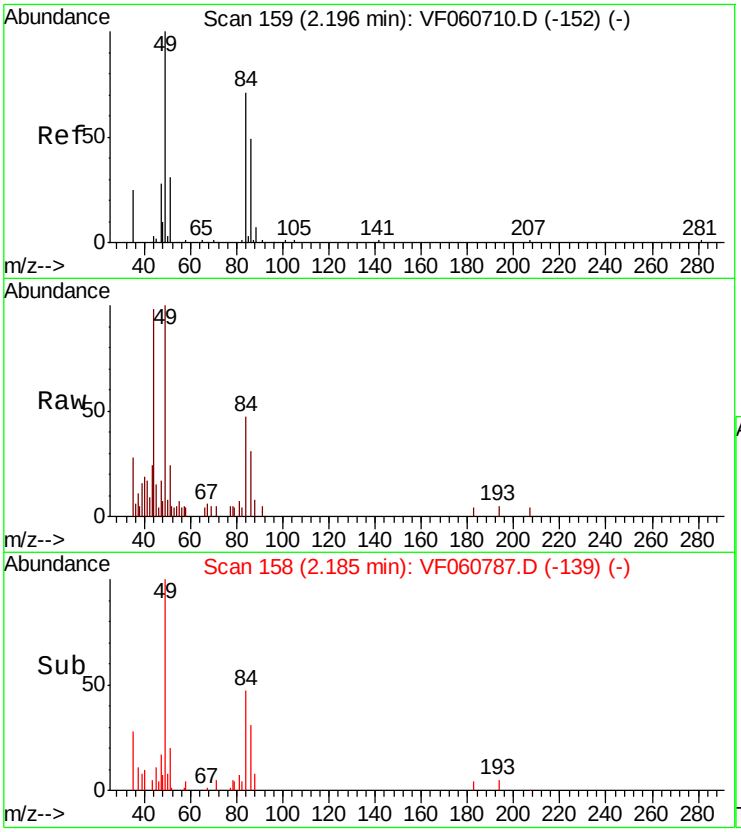


#18
Methyl Acetate
Concen: 3.680 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 43 Resp: 2656

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#



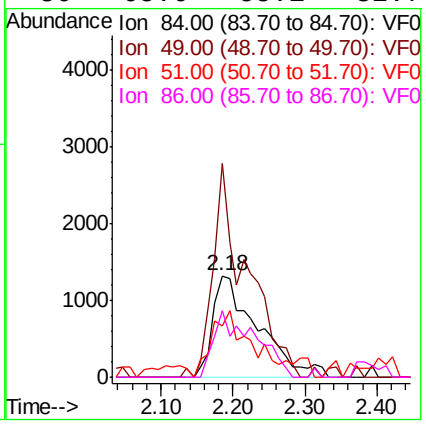


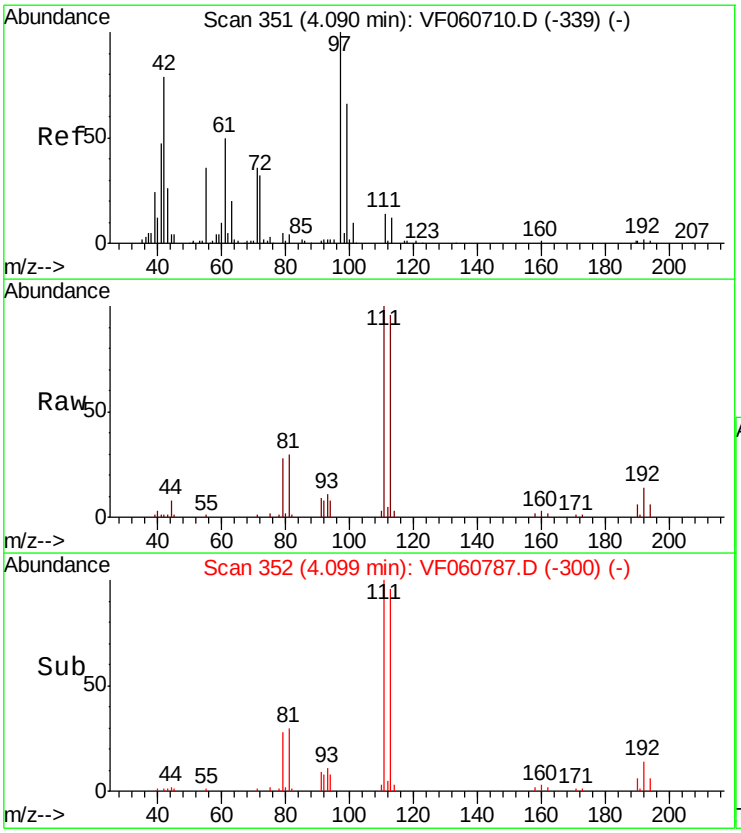
#20
Methylene Chloride
Concen: 1.091 ug/l
RT: 2.18 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument : MSVOA_F
ClientSampleId : SSI-03

Tgt Ion: 84 Resp: 5681

Ion	Ratio	Lower	Upper
84	100		
49	210.9	120.2	180.4#
51	50.0	37.2	55.8
86	65.6	55.1	82.7

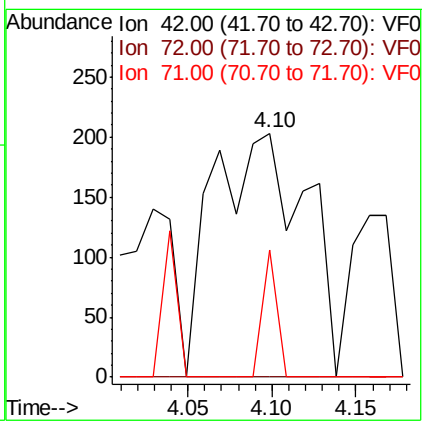


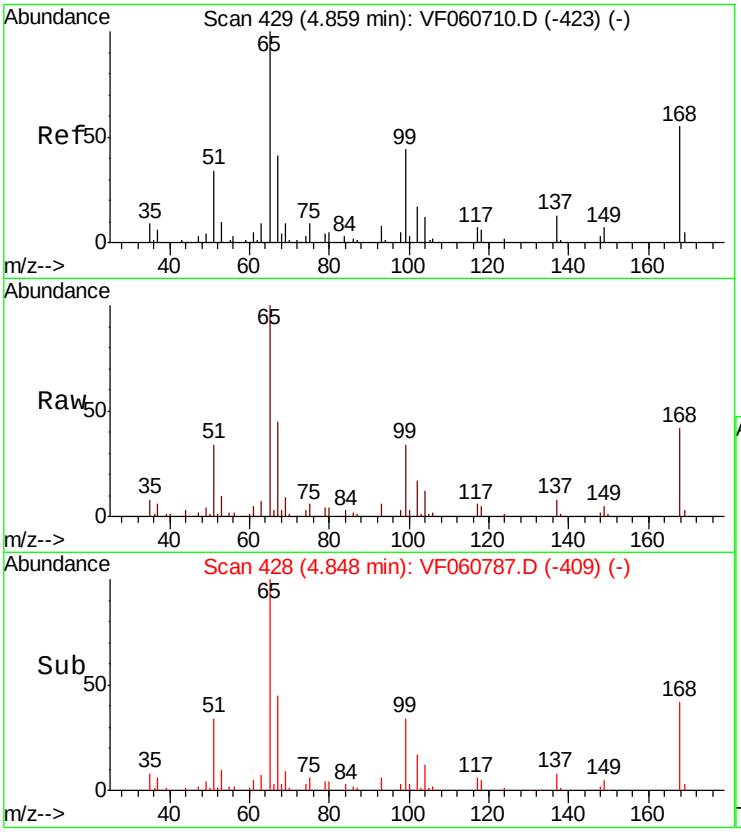


#29
Tetrahydrofuran
Concen: 2.609 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 42 Resp: 778

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	8.1	32.2	48.2#



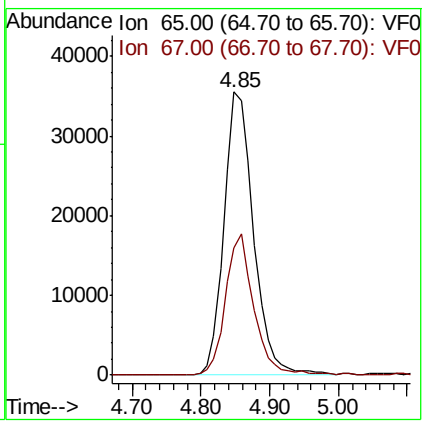


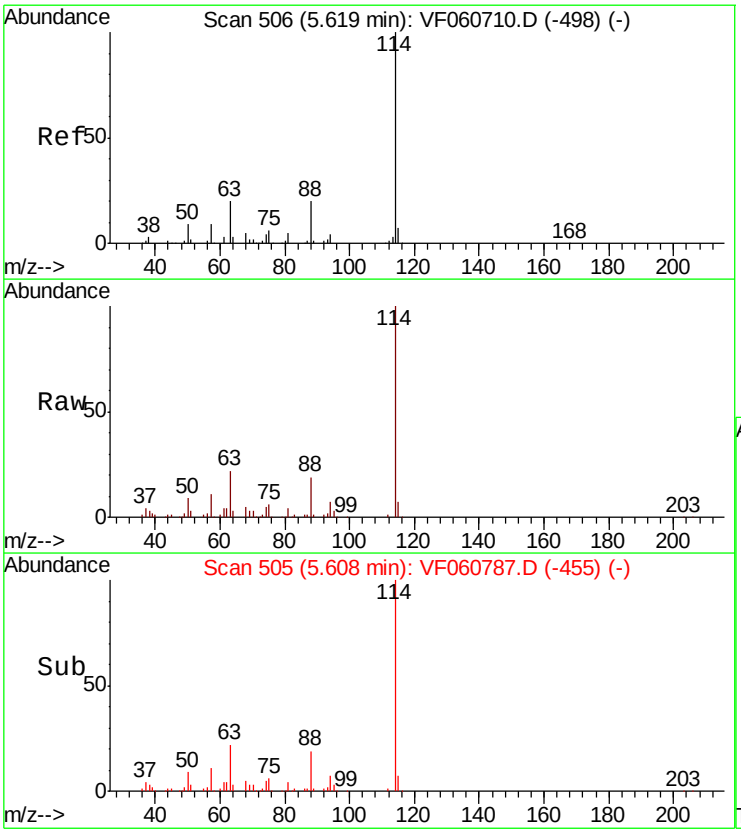
#33
1,2-Dichloroethane-d4
Concen: 51.457 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument : MSVOA_F
ClientSampleId : SSI-03

Tgt Ion: 65 Resp: 105810

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	90.2

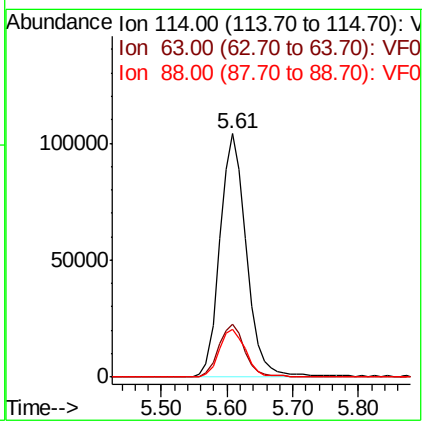


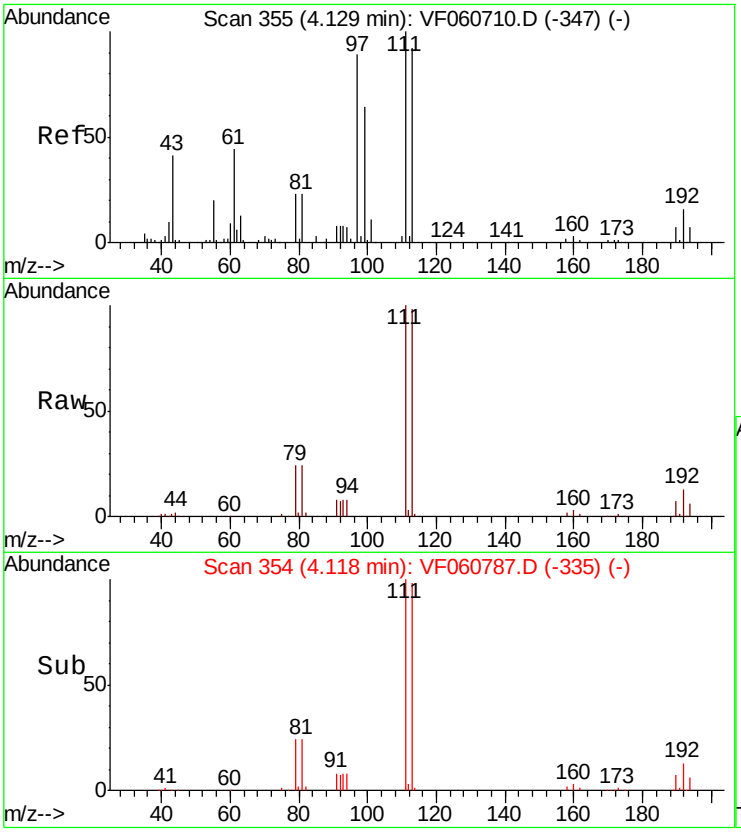


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion:114 Resp: 292807

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.8
88	19.5	0.0	39.6



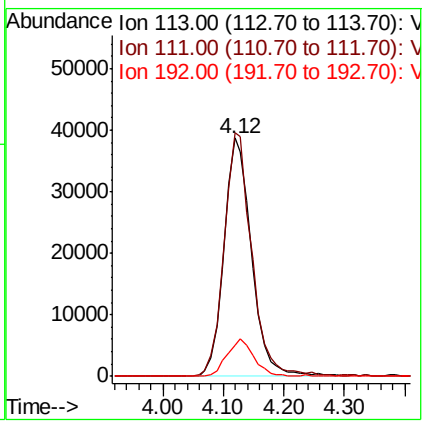


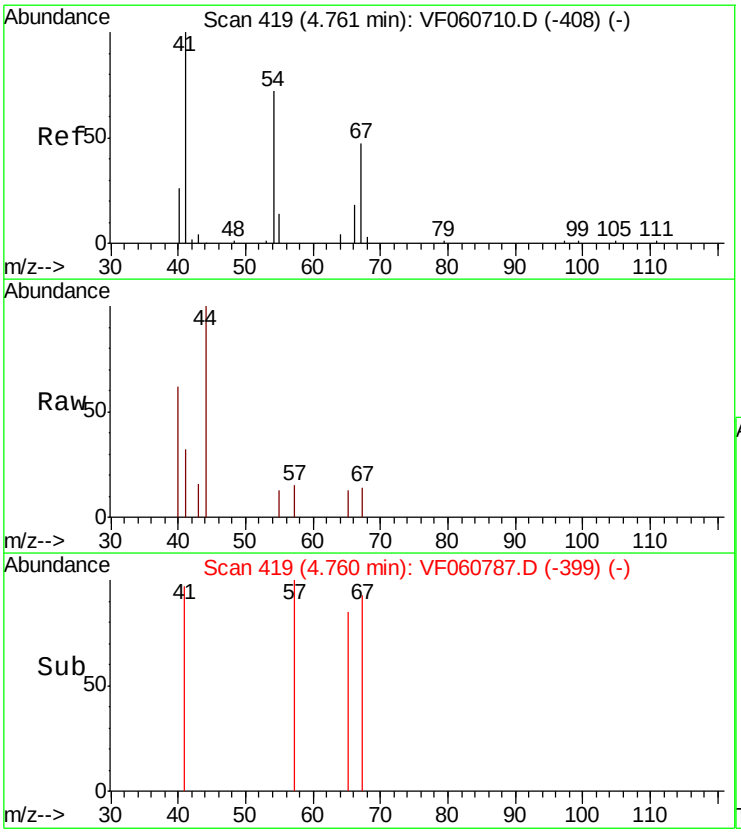
#35
Dibromofluoromethane
Concen: 55.569 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument : MSVOA_F
ClientSampleId : SSI-03

Tgt Ion:113 Resp: 122308

Ion	Ratio	Lower	Upper
113	100		
111	102.3	87.1	130.7
192	13.3	13.8	20.6#

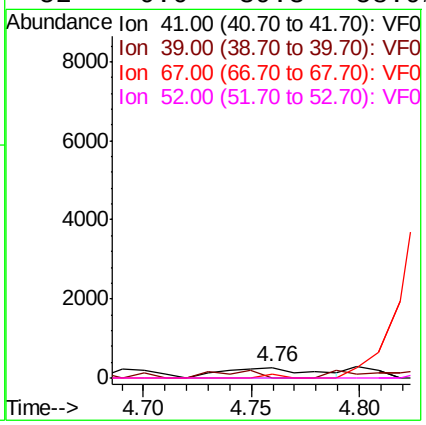


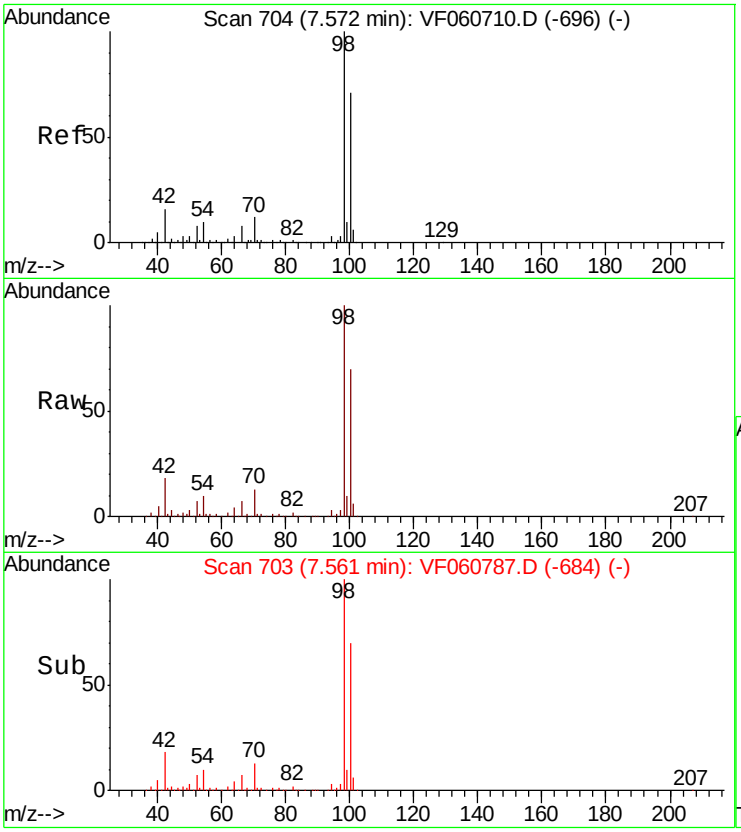


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.76 min Scan# 419
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 41 Resp: 740

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.1	70.7#
67	43.2	37.1	55.7
52	0.0	39.3	58.9#



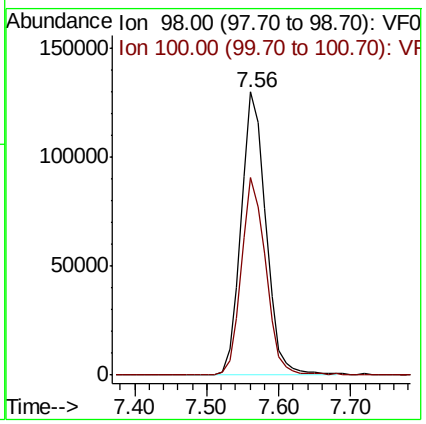


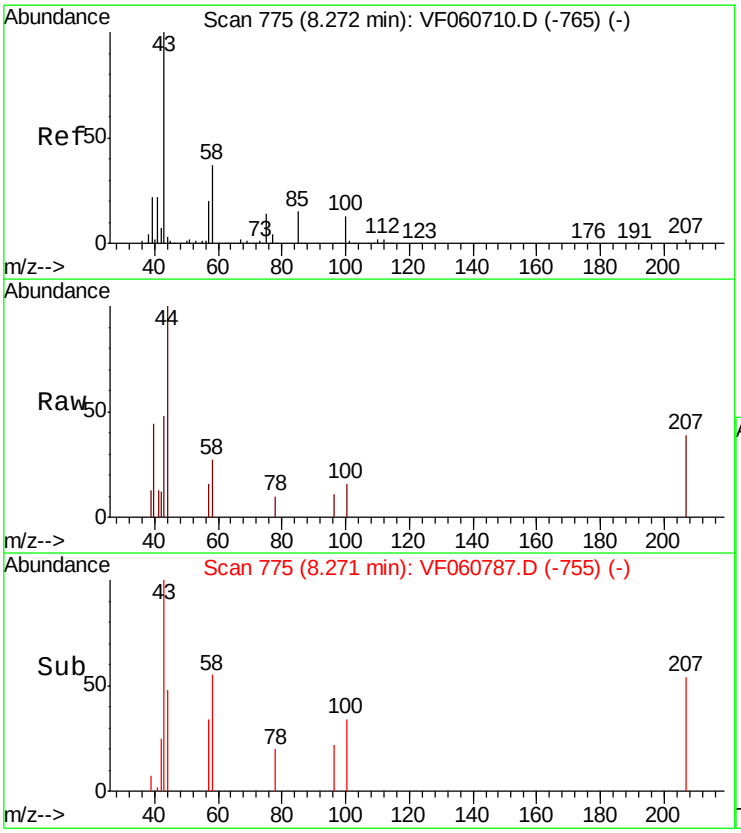
#50
Toluene-d8
Concen: 56.006 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument :
MSVOA_F
ClientSampleId :
SSI-03

Tgt Ion: 98 Resp: 313831

Ion	Ratio	Lower	Upper
98	100		
100	69.9	56.5	84.7

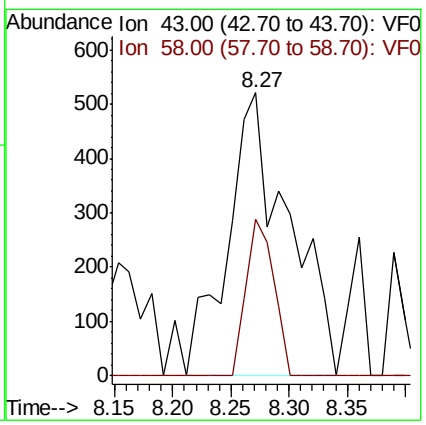


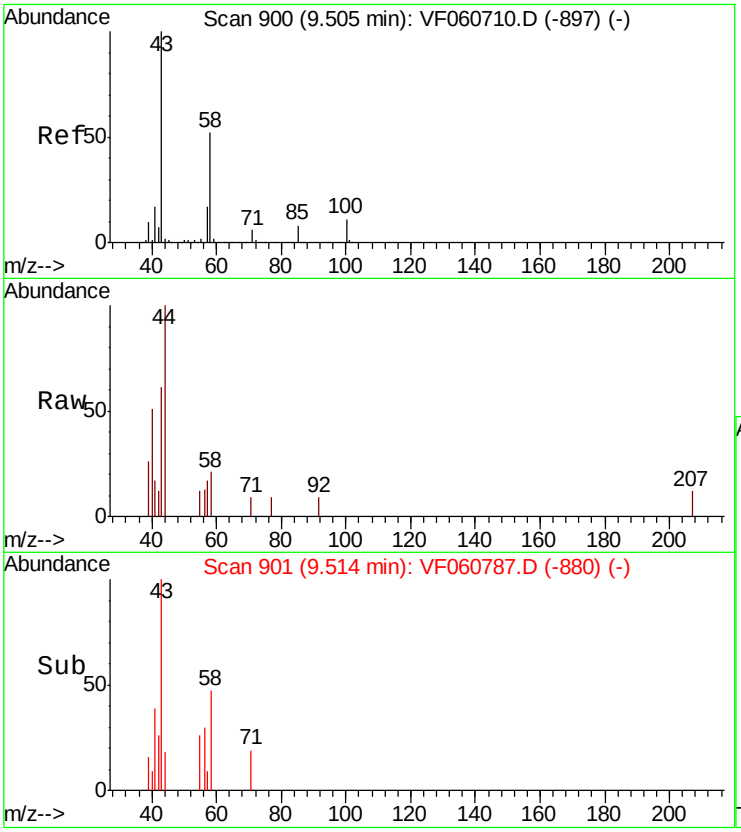


#51
4-Methyl-2-Pentanone
Concen: 1.569 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 43 Resp: 1900

Ion	Ratio	Lower	Upper
43	100		
58	55.5	29.2	43.8#



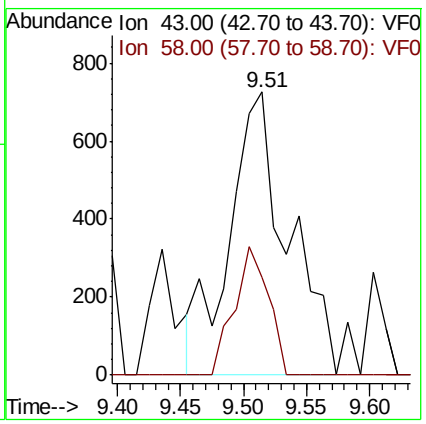


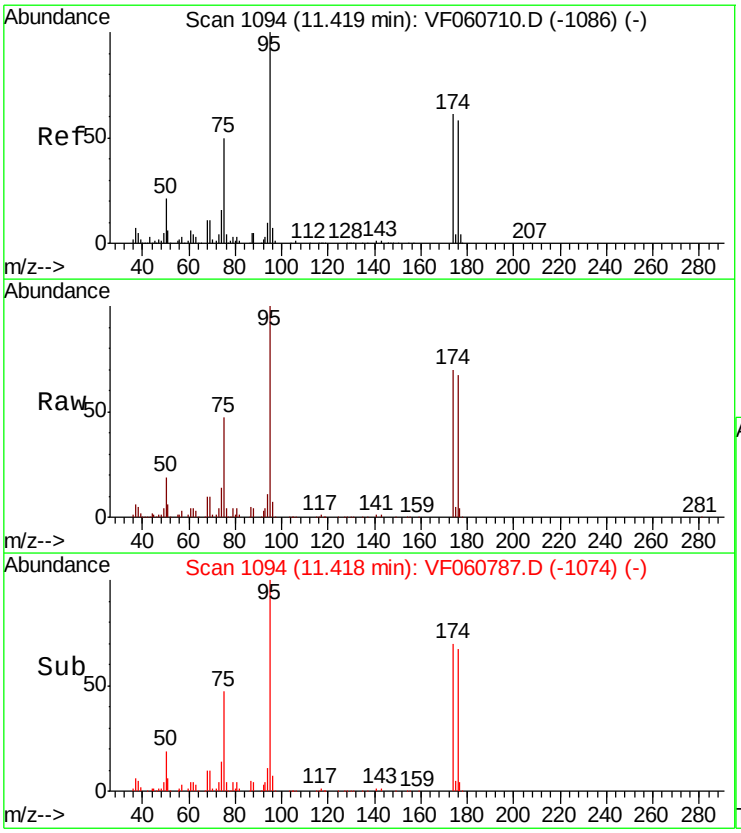
#59
2-Hexanone
Concen: 2.768 ug/l
RT: 9.51 min Scan# 901
Delta R.T. 0.01 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument : MSVOA_F
ClientSampleId : SSI-03

Tgt Ion: 43 Resp: 2355

Ion	Ratio	Lower	Upper
43	100		
58	34.7	24.9	74.7

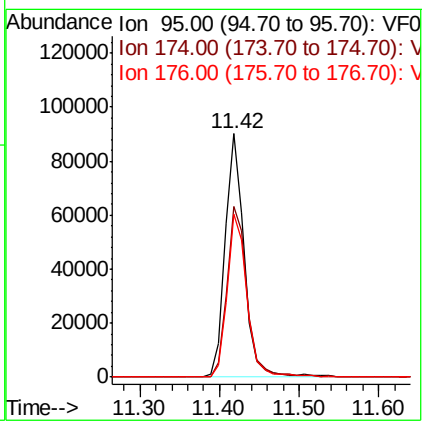


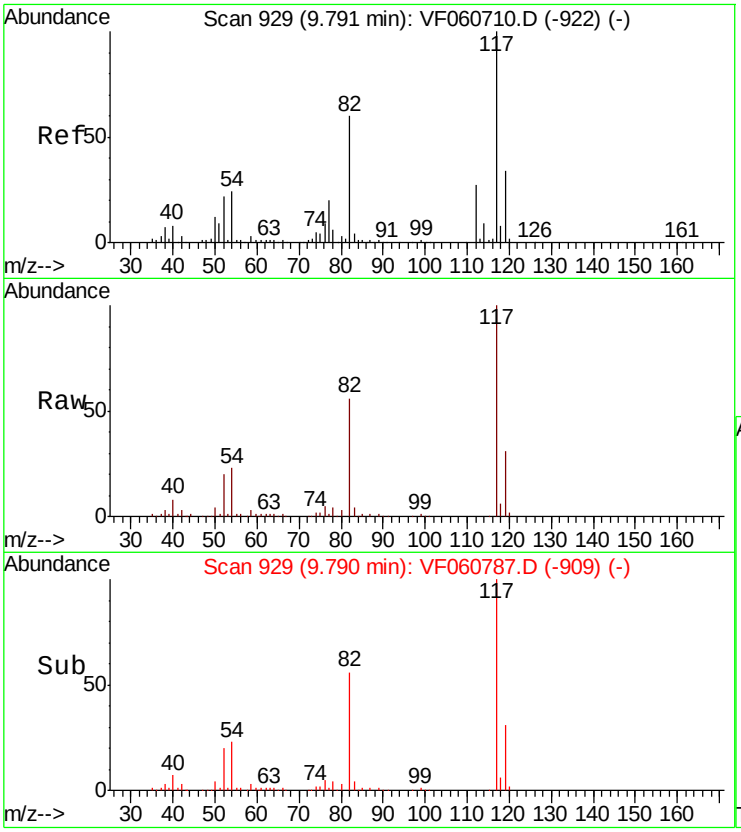


#62
4-Bromofluorobenzene
Concen: 59.519 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion: 95 Resp: 153020

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	121.6
176	66.7	0.0	115.2



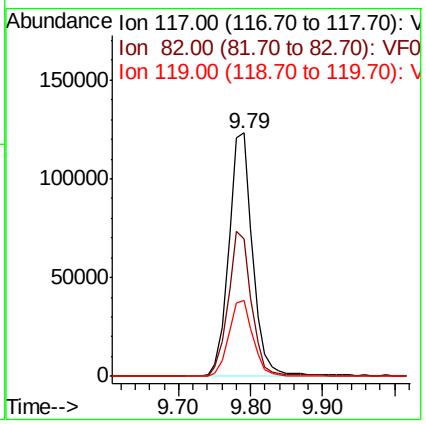


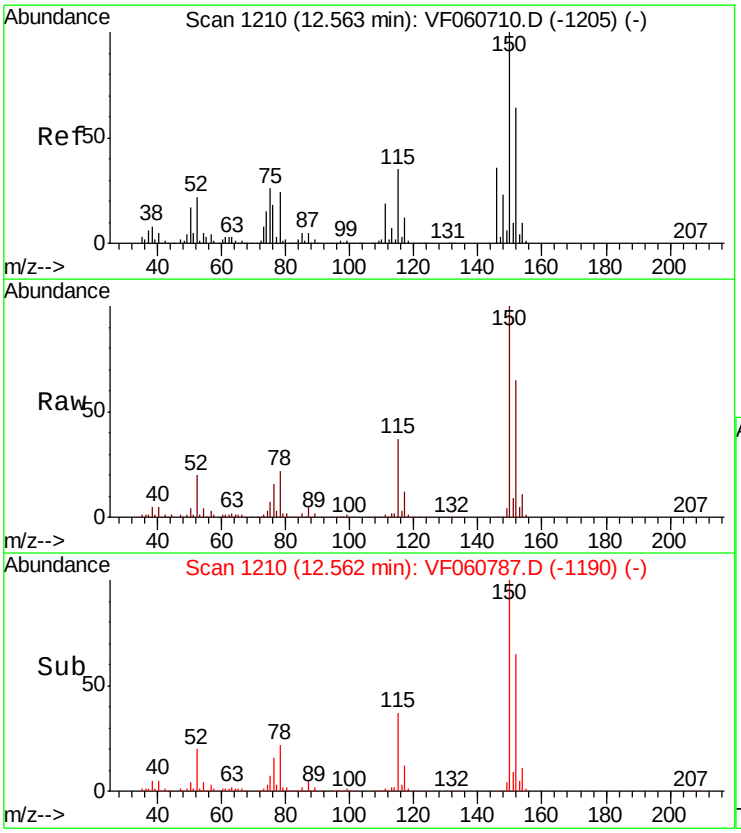
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Instrument : MSVOA_F
ClientSampleId : SSI-03

Tgt Ion:117 Resp: 283383

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.9	71.9
119	31.3	26.8	40.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF060787.D
Acq: 19 Nov 2018 20:30

Tgt Ion:152 Resp: 163697

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.9	83.7
150	154.7	0.0	316.4