Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060325.D
Acq On : 25 Sep 2018 15:17
Operator : VA/AP
Sample : VF0925SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0925SBL01

Quant Time: Sep 26 01:44:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	254906	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	424234	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	389081	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	215085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	172598	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.58%			
35) Dibromofluoromethane	4.27	113	199199	52.67	ug/l	-0.02
Spiked Amount 50.000			Recovery = 105.34%			
50) Toluene-d8	7.69	98	448177	45.51	ug/l	-0.02
Spiked Amount 50.000			Recovery = 91.02%			
62) 4-Bromofluorobenzene	11.50	95	206879	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	454	Below Cal	#	69
5) Bromomethane	1.20	94	452	Below Cal		86
11) Tert butyl alcohol	2.66	59	1330	Below Cal	#	1
13) Acrolein	2.10	56	413	Below Cal	#	1
15) Acrylonitrile	3.07	53	2623	5.411 ug/l		94
16) Acetone	2.32	43	7139	7.385 ug/l		100
17) Carbon Disulfide	1.87	76	136	Below Cal	#	1
18) Methyl Acetate	2.48	43	5093	3.163 ug/l	#	79
20) Methylene Chloride	2.27	84	11109	Below Cal		91
25) 2-Butanone	4.49	43	5764	4.430 ug/l		100
29) Tetrahydrofuran	4.25	42	936	1.964 ug/l	#	76
41) Methacrylonitrile	4.90	41	1445	1.189 ug/l	#	52
49) 1,4-Dioxane	6.86	88	70	4.141 ug/l	#	1
51) 4-Methyl-2-Pentanone	8.39	43	13119	6.315 ug/l	#	77
56) Ethyl methacrylate	8.74	69	3033	1.090 ug/l	#	85
58) 2-Chloroethyl Vinyl ether	7.76	63	292	1.187 ug/l		100
59) 2-Hexanone	9.61	43	21586	14.593 ug/l		93
74) N-amyl acetate	11.45	43	8159	1.982 ug/l	#	84
78) n-propylbenzene	11.80	91	1414	Below Cal		79
85) sec-Butylbenzene	12.38	105	2585	Below Cal		92
86) p-Isopropyltoluene	12.52	119	2686	Below Cal	#	76
89) n-Butylbenzene	12.91	91	3181	Below Cal		95
95) Naphthalene	14.51	128	10835	1.146 ug/l		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060325.D
Acq On : 25 Sep 2018 15:17
Operator : VA/AP
Sample : VF0925SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0925SBL01

Quant Time: Sep 26 01:44:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
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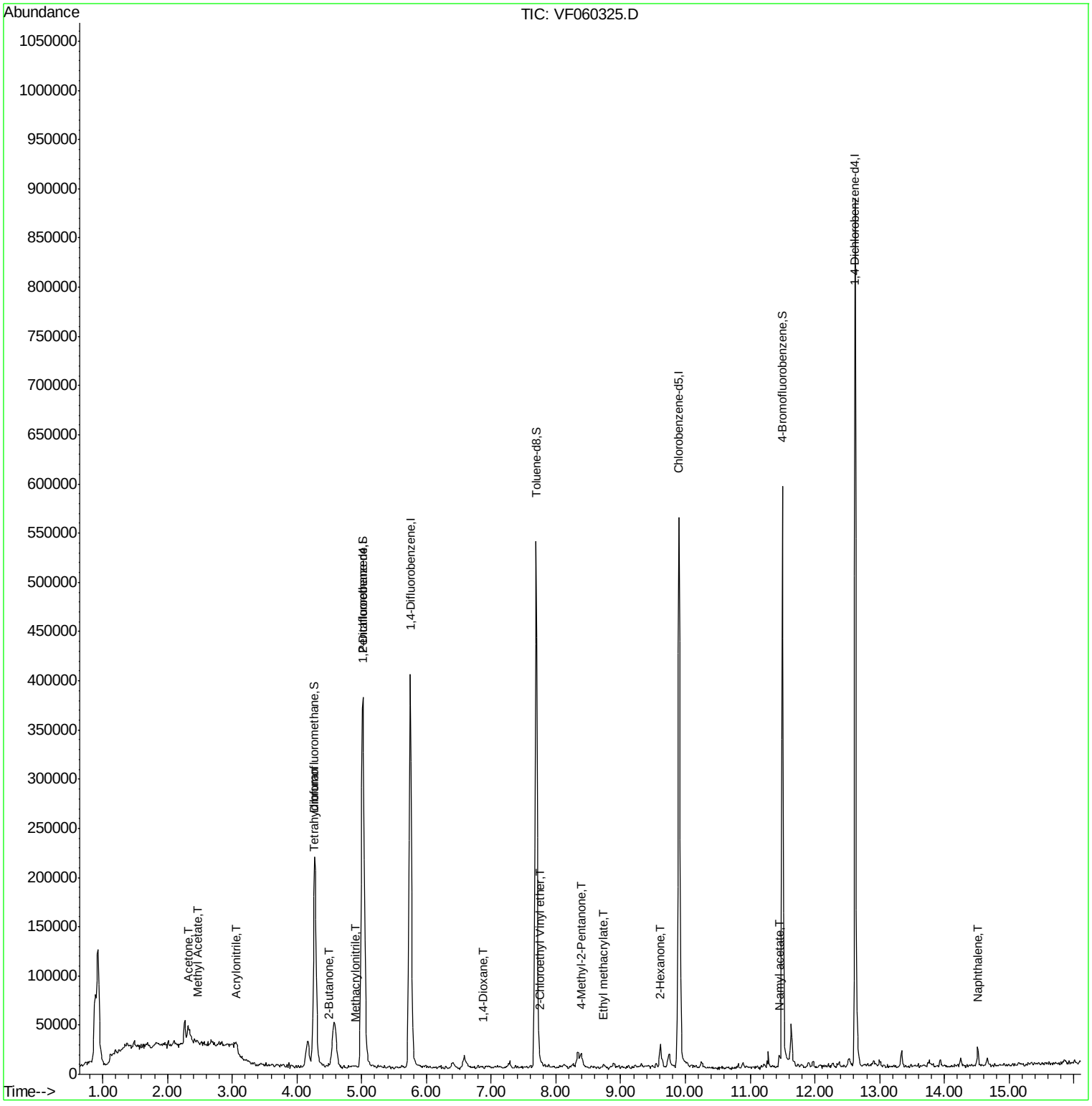
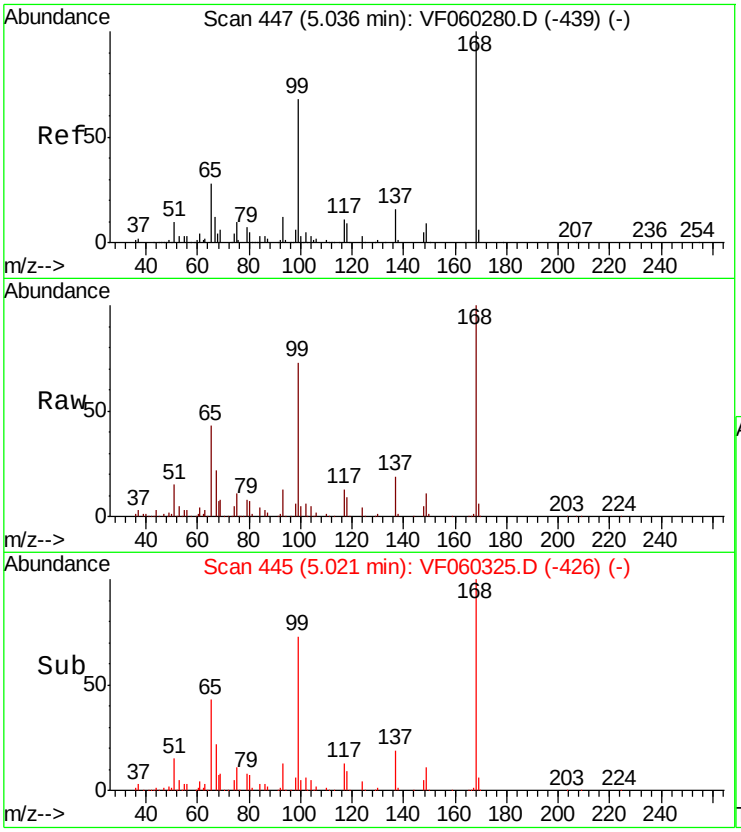


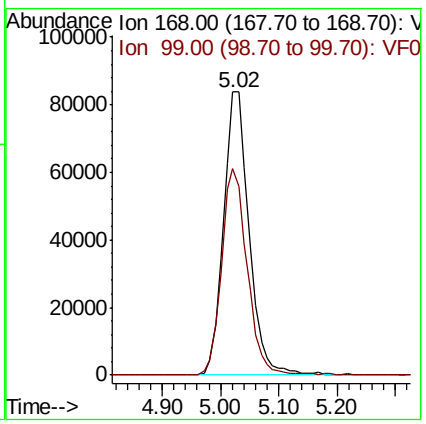


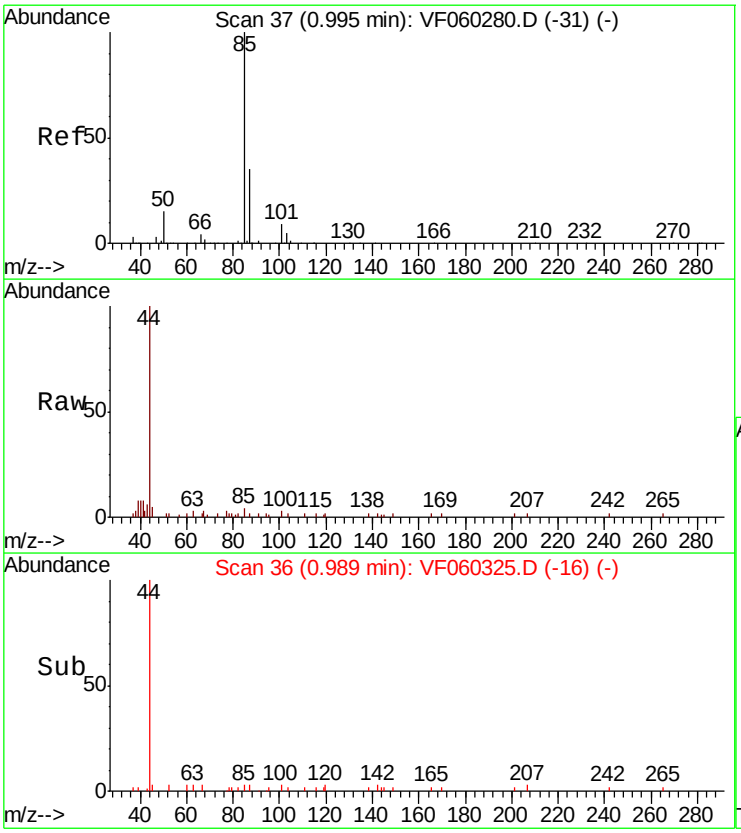
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion:168 Resp: 254906

Ion	Ratio	Lower	Upper
168	100		
99	73.0	54.8	82.2

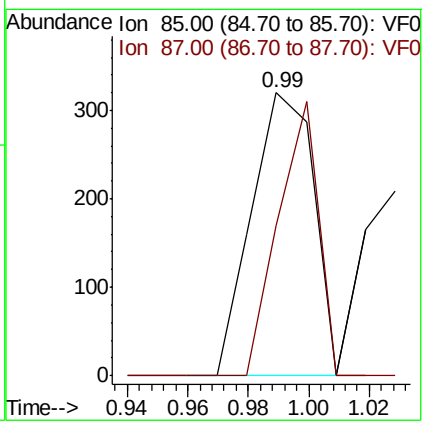


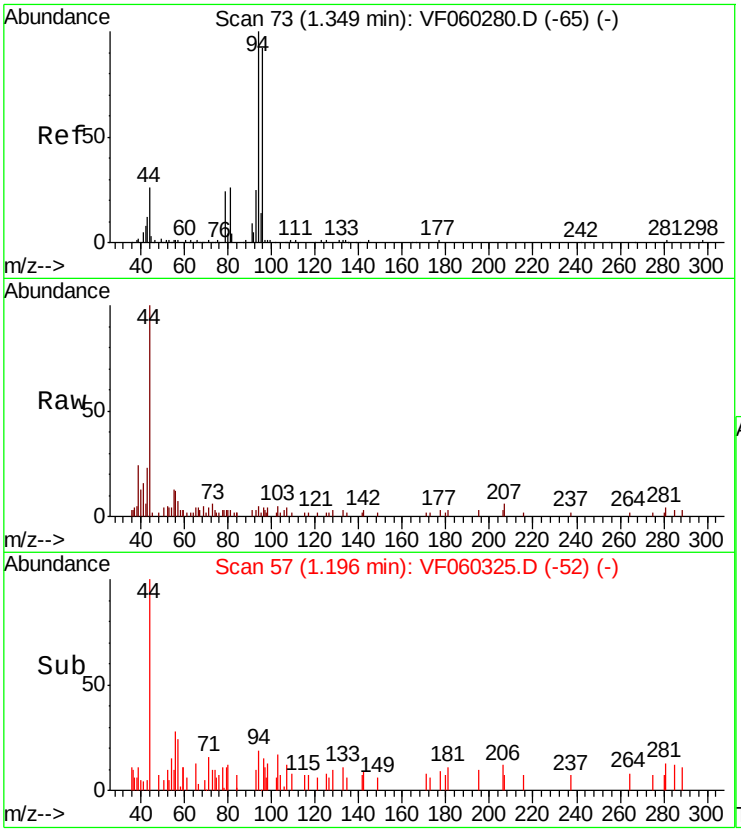


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.99 min Scan# 36
Delta R.T. -0.00 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 85 Resp: 454

Ion	Ratio	Lower	Upper
85	100		
87	52.8	17.3	52.0#



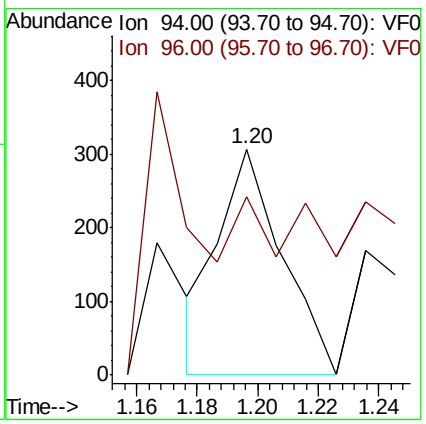


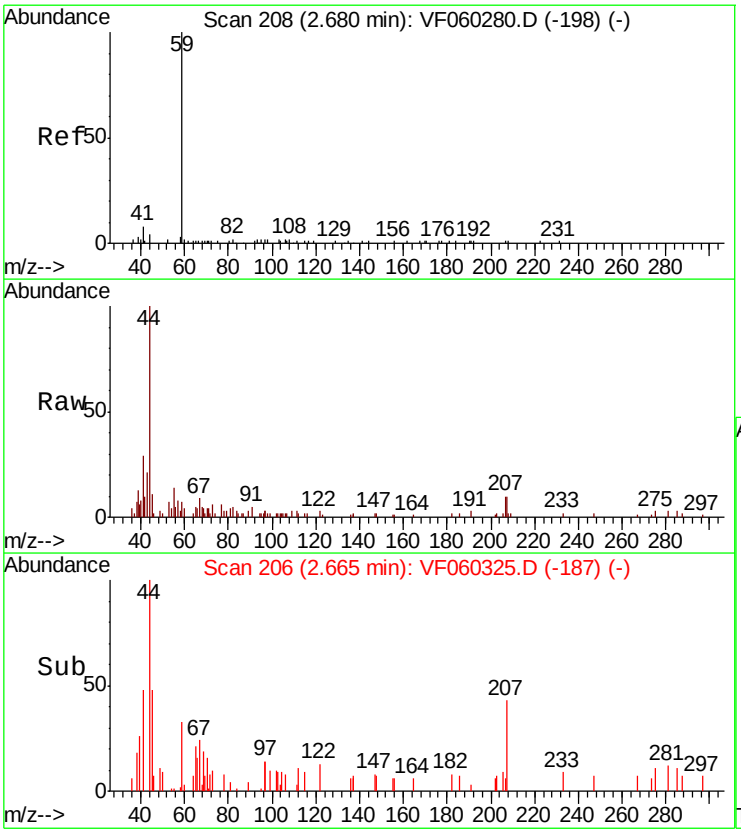
#5
Bromomethane
Concen: Below Cal
RT: 1.20 min Scan# 57
Delta R.T. -0.15 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 94 Resp: 452

Ion	Ratio	Lower	Upper
94	100		
96	78.8	73.9	110.9

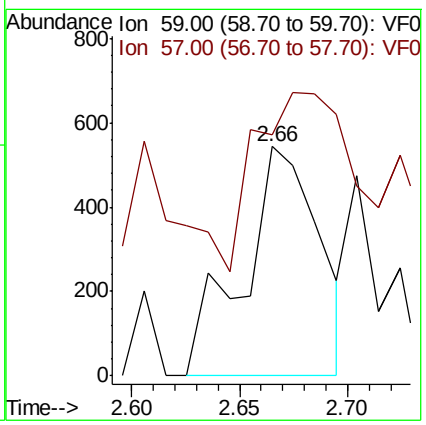


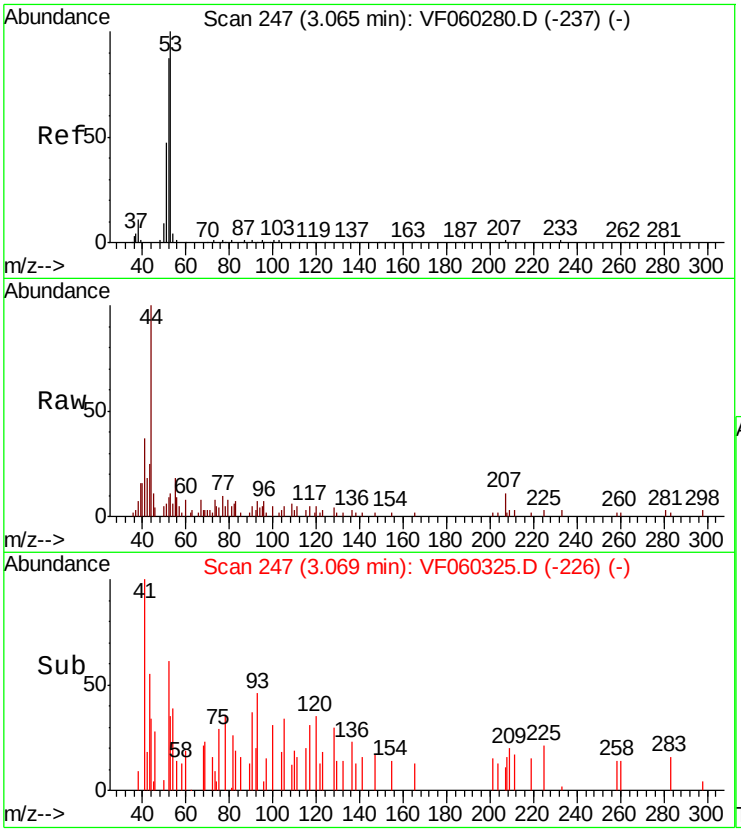


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.66 min Scan# 206
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 59 Resp: 1330

Ion	Ratio	Lower	Upper
59	100		
57	105.2	12.4	18.6#



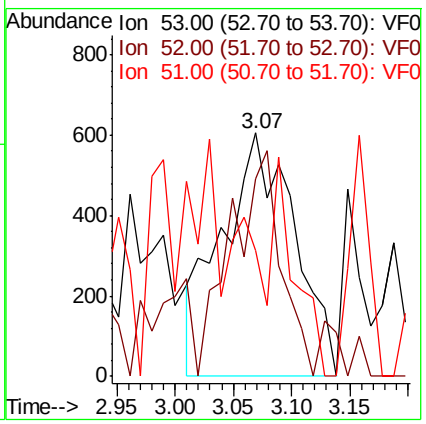


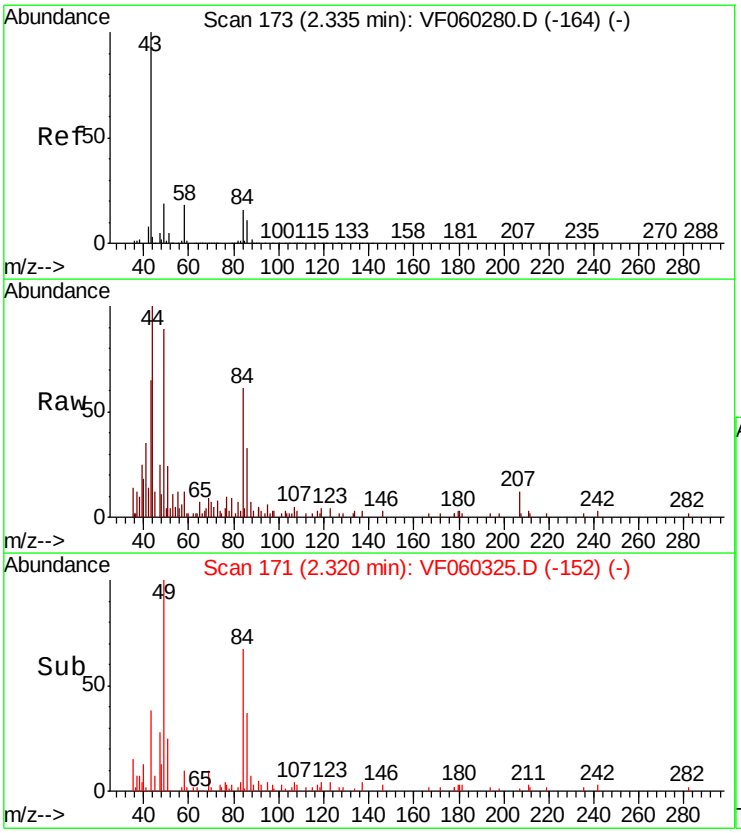
#15
Acrylonitrile
Concen: 5.411 ug/l
RT: 3.07 min Scan# 247
Delta R.T. 0.00 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 53 Resp: 2623

Ion	Ratio	Lower	Upper
53	100		
52	80.9	69.5	104.3
51	51.5	38.1	57.1

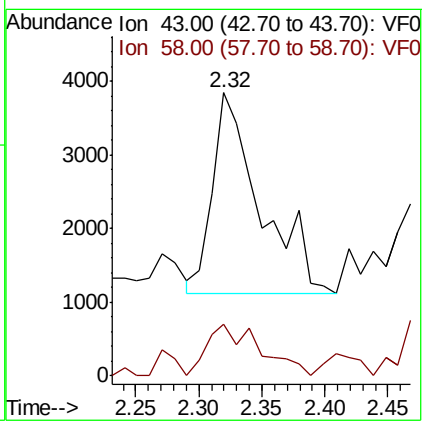


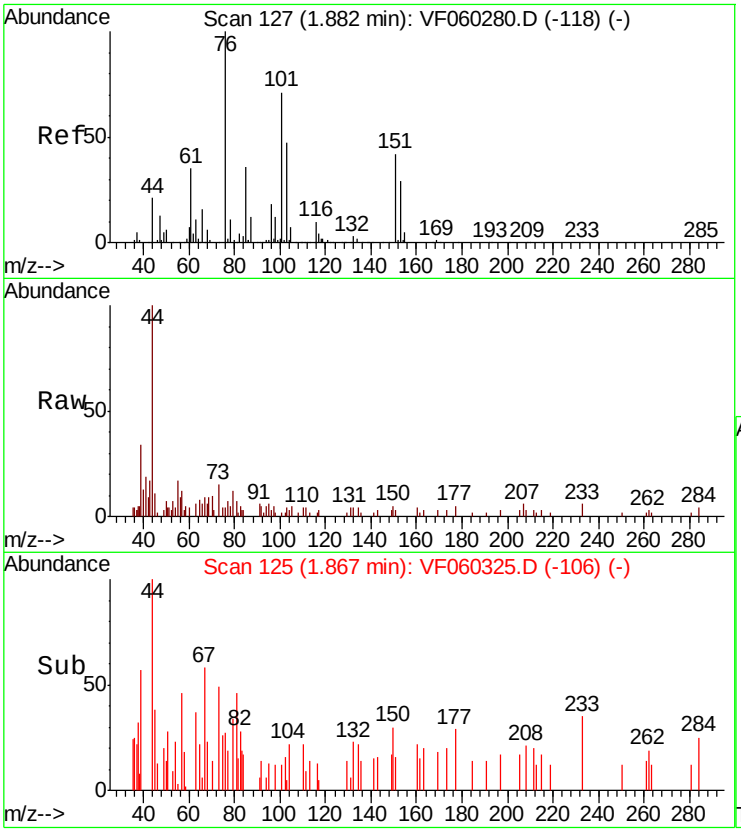


#16
Acetone
Concen: 7.385 ug/l
RT: 2.32 min Scan# 171
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 43 Resp: 7139

Ion	Ratio	Lower	Upper
43	100		
58	18.2	14.5	21.7



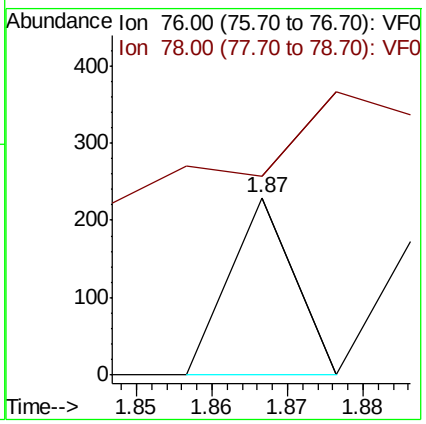


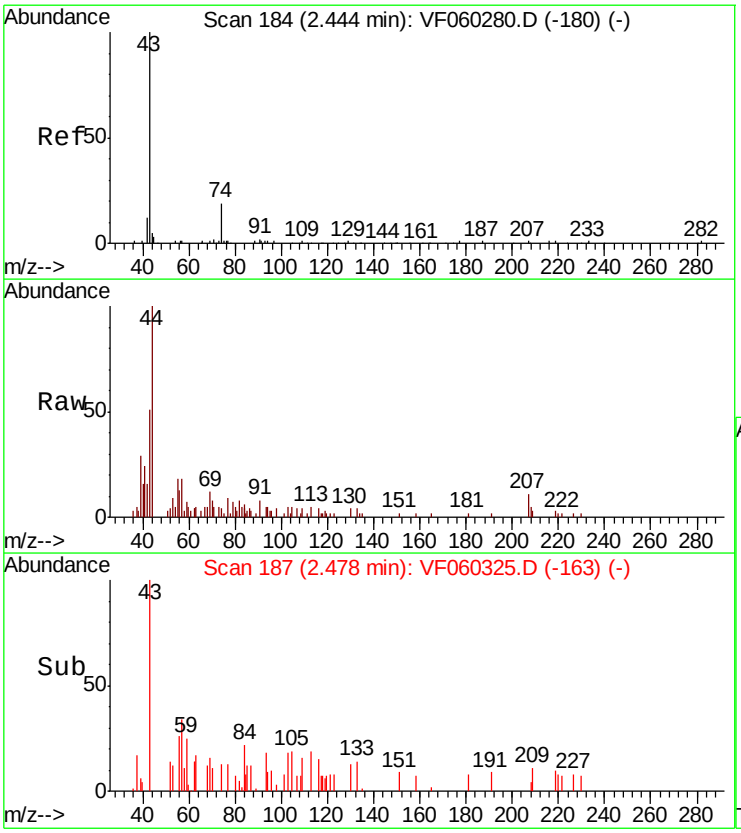
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.87 min Scan# 125
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 76 Resp: 136

Ion	Ratio	Lower	Upper
76	100		
78	112.2	9.4	14.0#

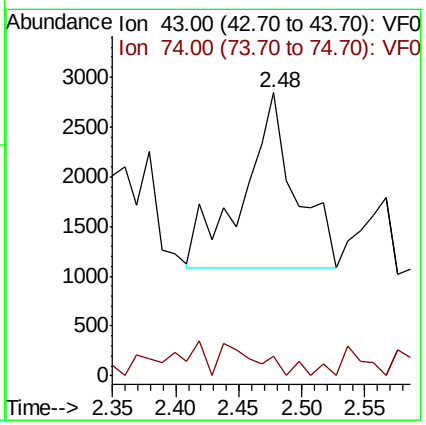


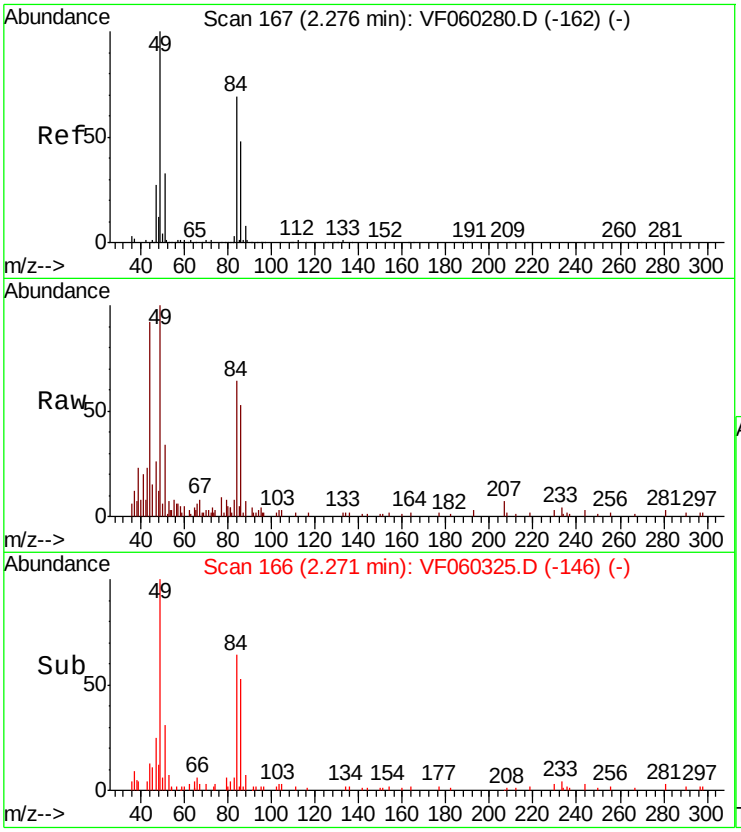


#18
Methyl Acetate
Concen: 3.163 ug/l
RT: 2.48 min Scan# 187
Delta R.T. 0.03 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 43 Resp: 5093

Ion	Ratio	Lower	Upper
43	100		
74	7.0	12.7	19.1#



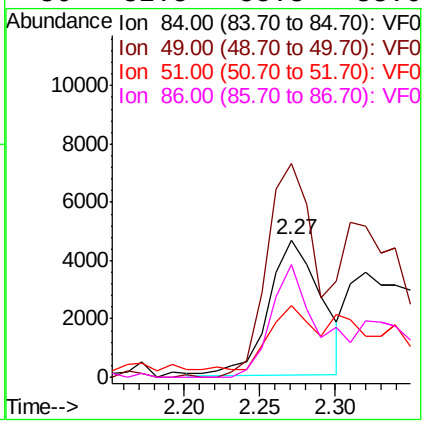


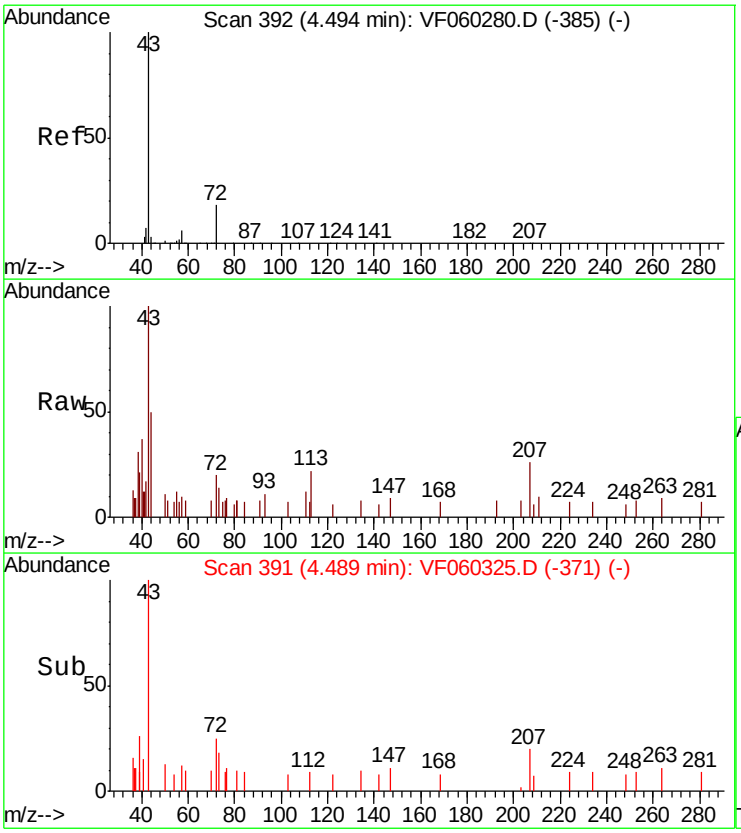
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 84 Resp: 11109

Ion	Ratio	Lower	Upper
84	100		
49	155.6	118.3	177.5
51	52.5	38.7	58.1
86	82.5	55.8	83.6

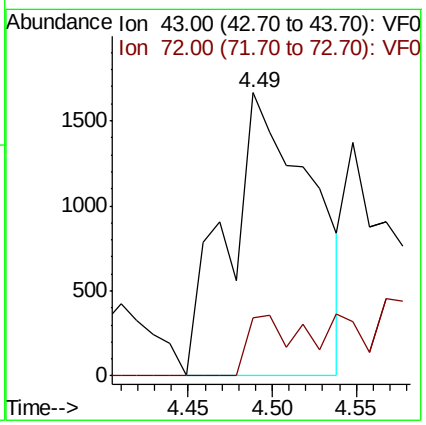


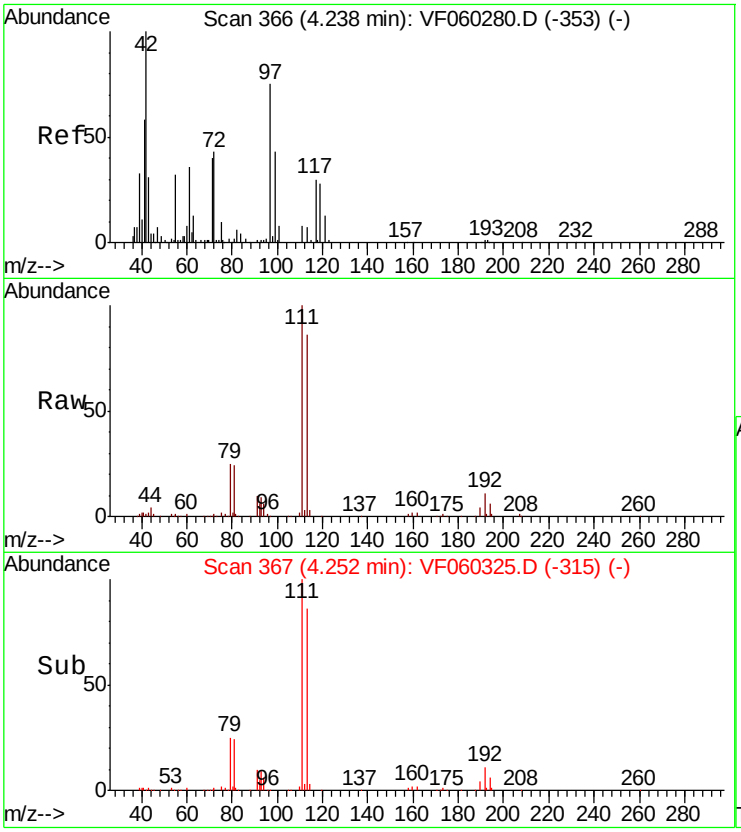


#25
2-Butanone
Concen: 4.430 ug/l
RT: 4.49 min Scan# 391
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 43 Resp: 5764

Ion	Ratio	Lower	Upper
43	100		
72	20.4	16.2	24.2



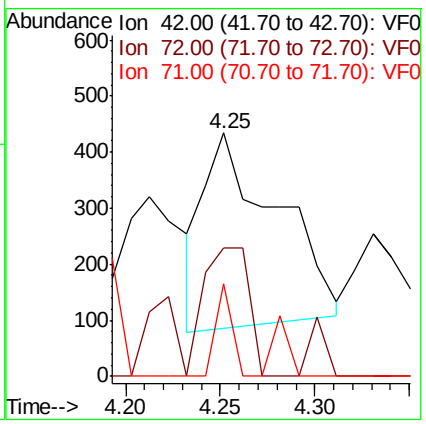


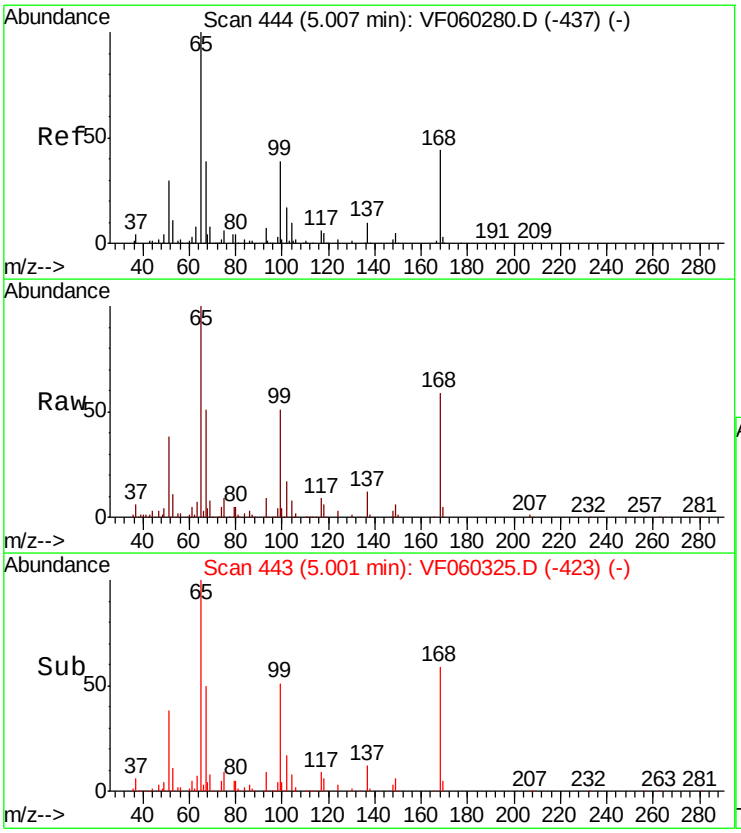
#29
Tetrahydrofuran
Concen: 1.964 ug/l
RT: 4.25 min Scan# 367
Delta R.T. 0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 42 Resp: 936

Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.6	49.0
71	10.5	32.7	49.1#

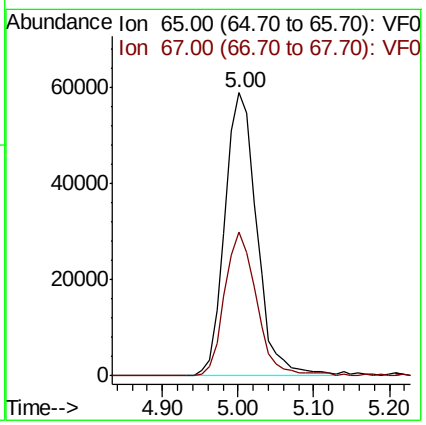


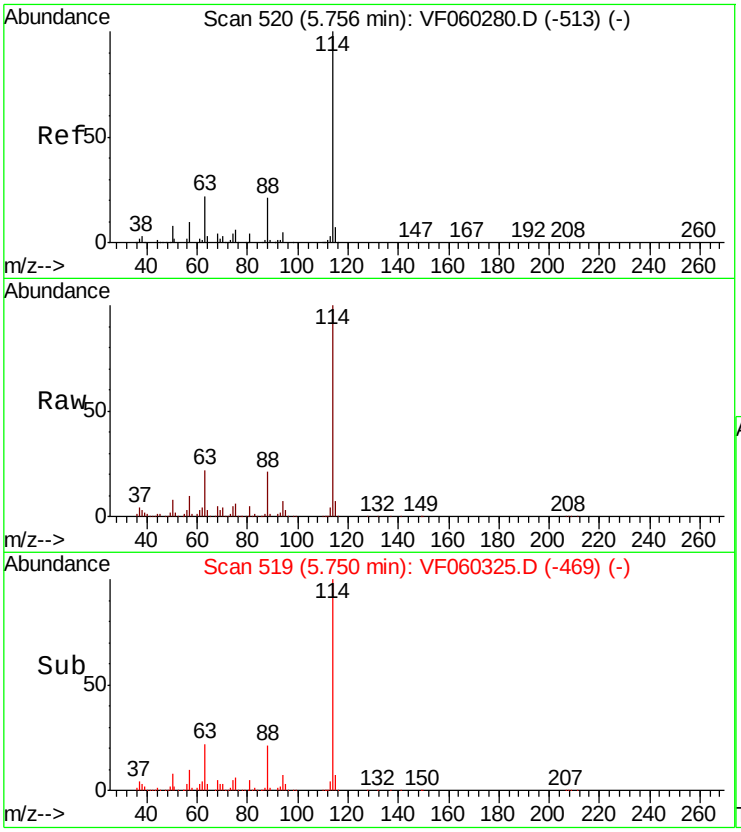


#33
1,2-Dichloroethane-d4
Concen: 50.285 ug/l
RT: 5.00 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 65 Resp: 172598

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	94.4



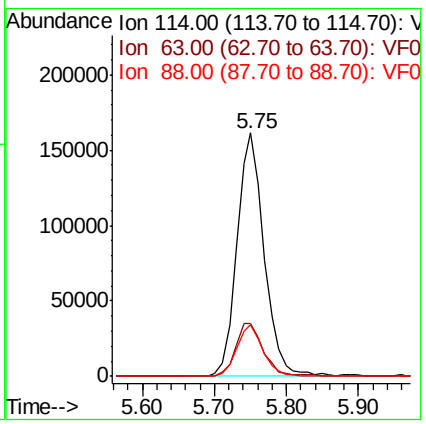


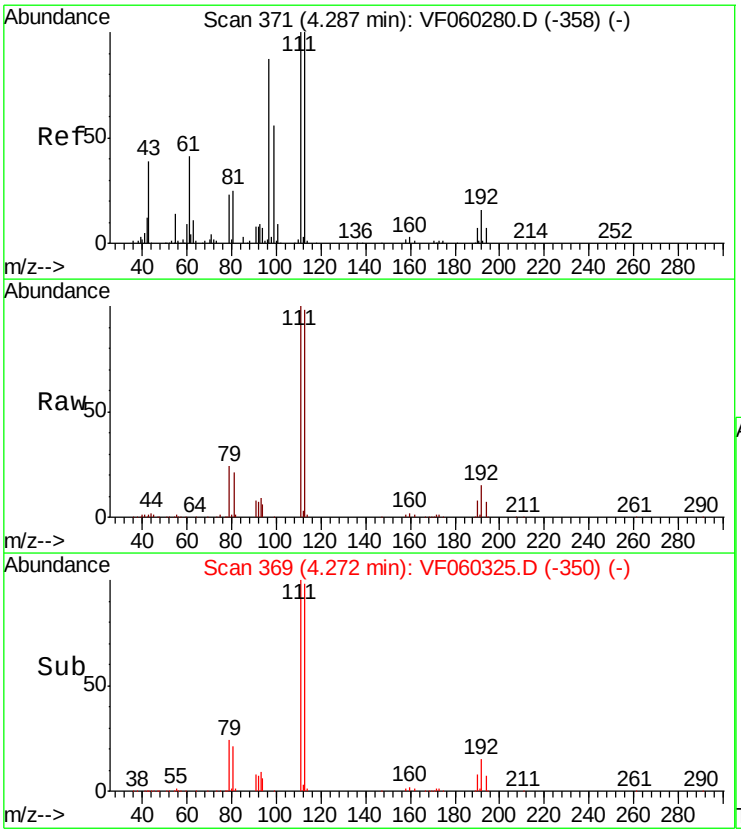
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion:114 Resp: 424234

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	21.1	0.0	41.2

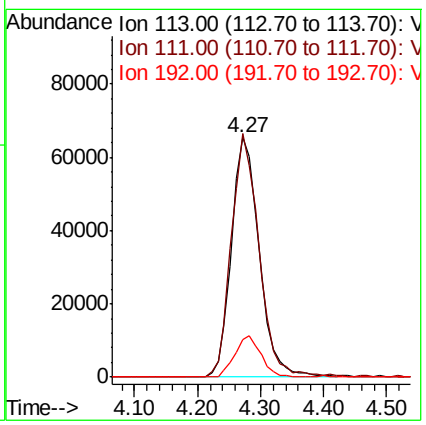


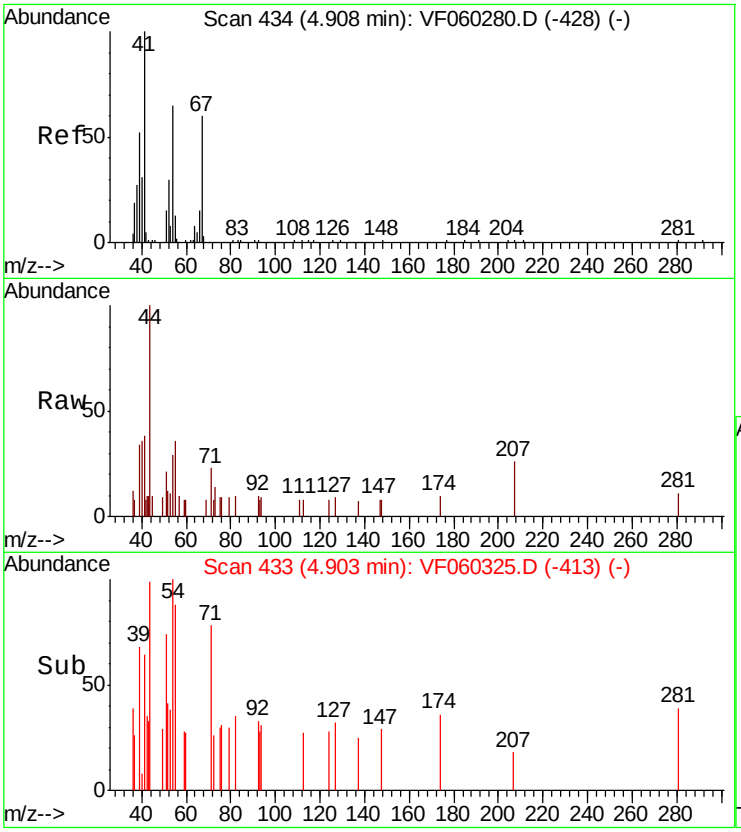


#35
Dibromofluoromethane
Concen: 52.674 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion:113 Resp: 199199

Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.6	119.4
192	15.7	13.0	19.6



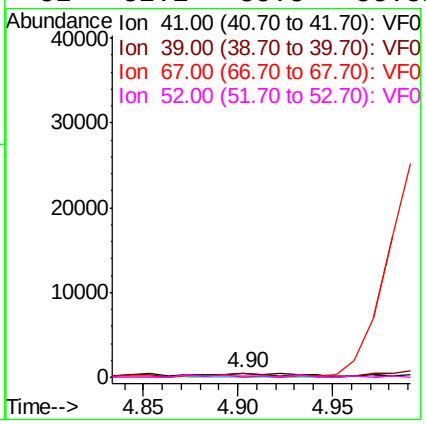


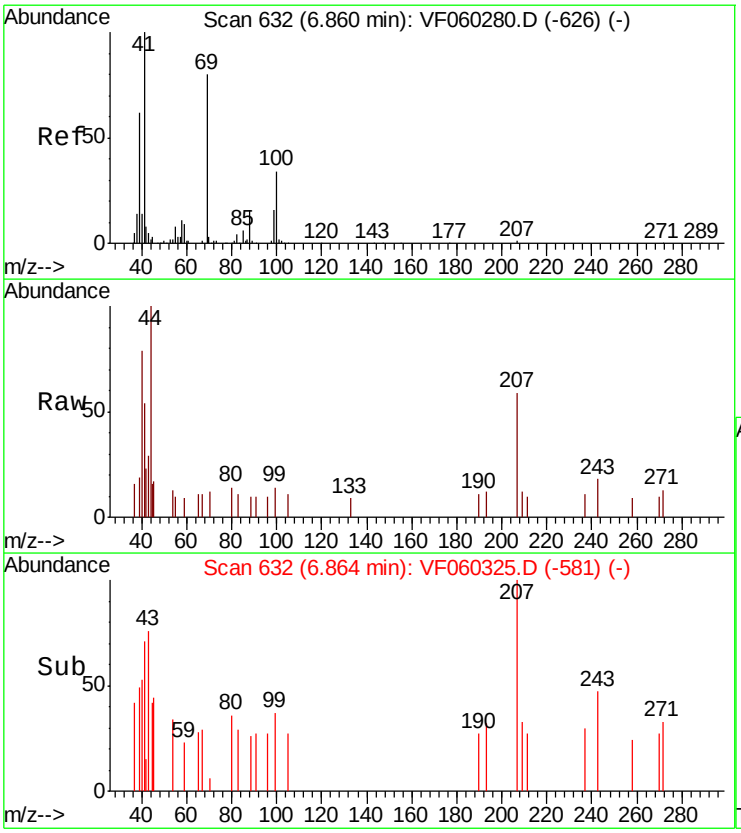
#41
Methacrylonitrile
Concen: 1.189 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 41 Resp: 1445

Ion	Ratio	Lower	Upper
41	100		
39	90.7	49.1	73.7#
67	0.0	48.2	72.4#
52	32.1	35.8	53.8#

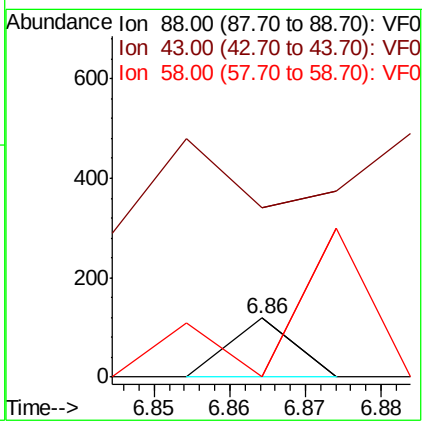


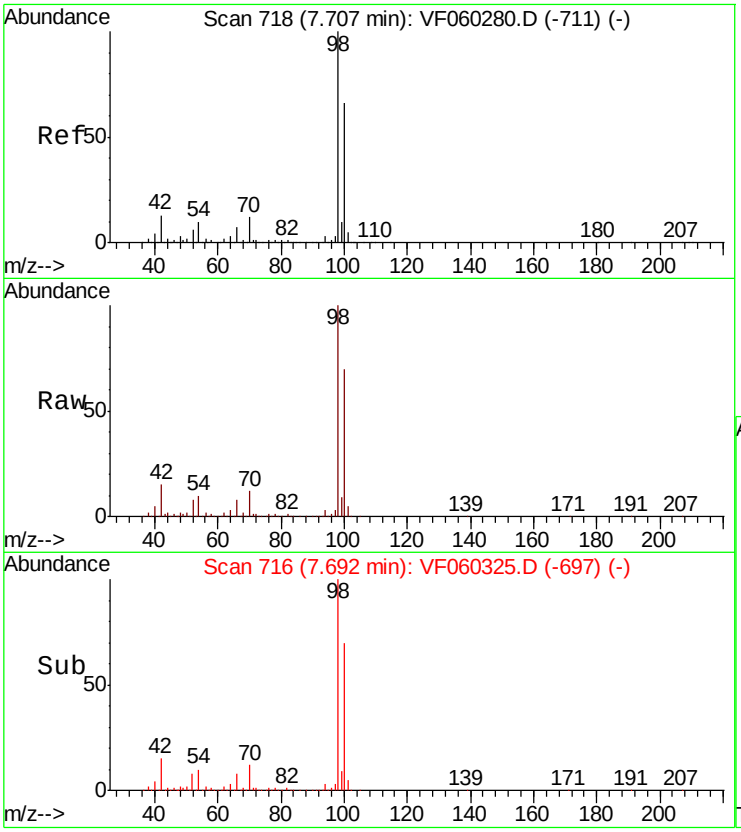


#49
1,4-Dioxane
Concen: 4.141 ug/l
RT: 6.86 min Scan# 632
Delta R.T. 0.00 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	289.8	40.2	60.4#
58	0.0	56.7	85.1#



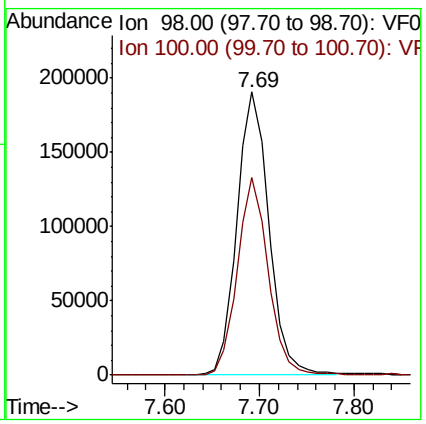


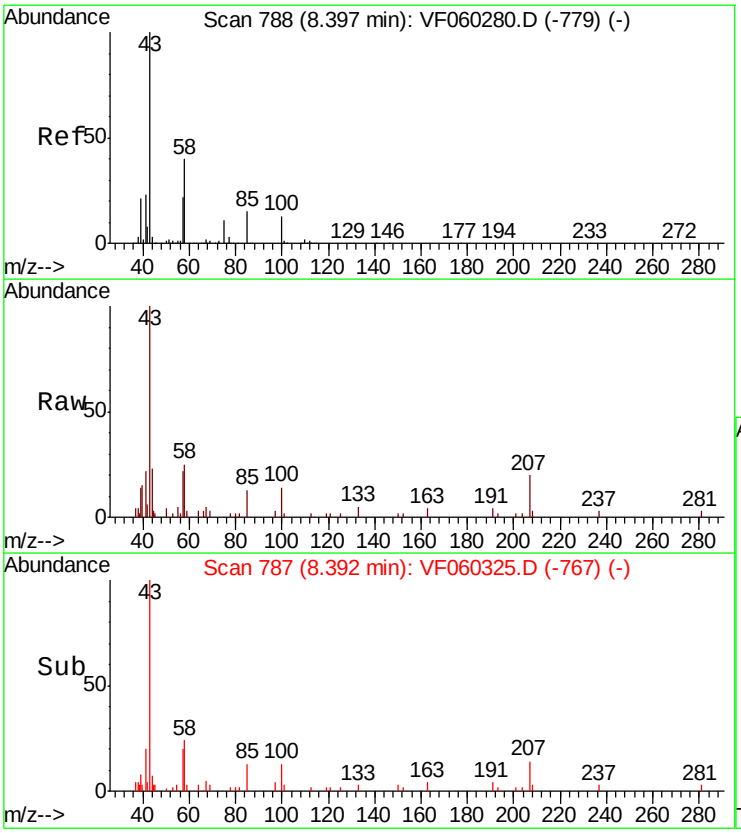
#50
Toluene-d8
Concen: 45.507 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 98 Resp: 448177

Ion	Ratio	Lower	Upper
98	100		
100	69.8	53.0	79.6

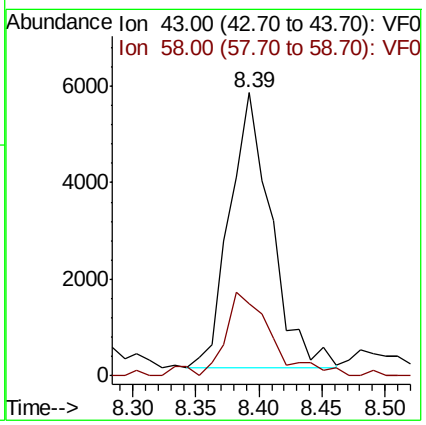


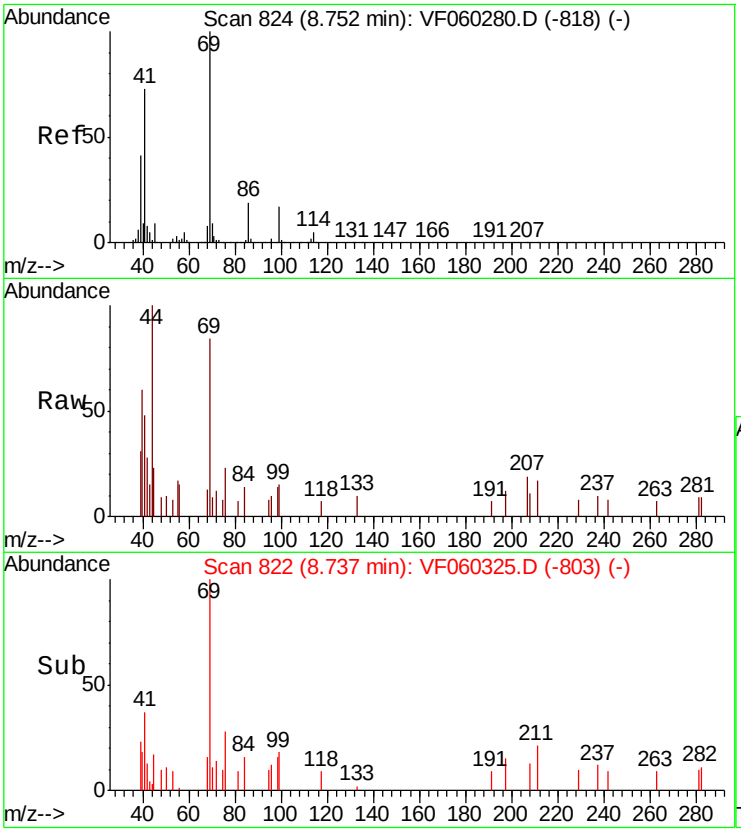


#51
4-Methyl-2-Pentanone
Concen: 6.315 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 43 Resp: 13119

Ion	Ratio	Lower	Upper
43	100		
58	25.5	31.8	47.8#



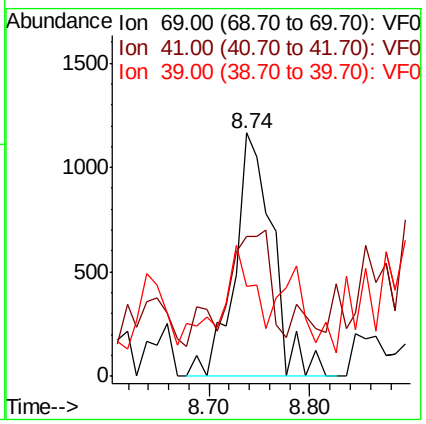


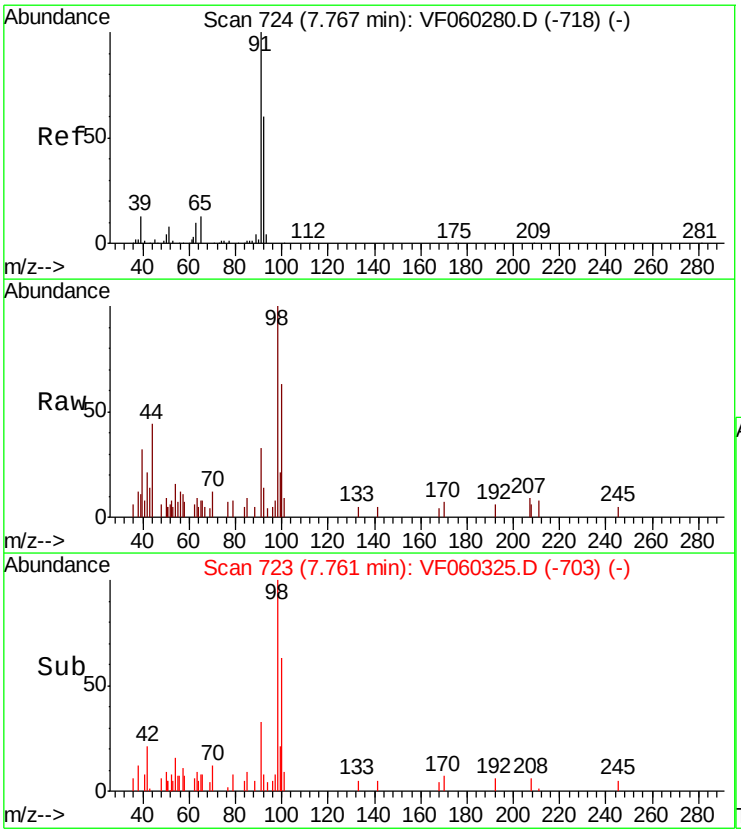
#56
Ethyl methacrylate
Concen: 1.090 ug/l
RT: 8.74 min Scan# 822
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion: 69 Resp: 3033

Ion	Ratio	Lower	Upper
69	100		
41	57.6	59.4	89.2#
39	36.9	33.5	50.3

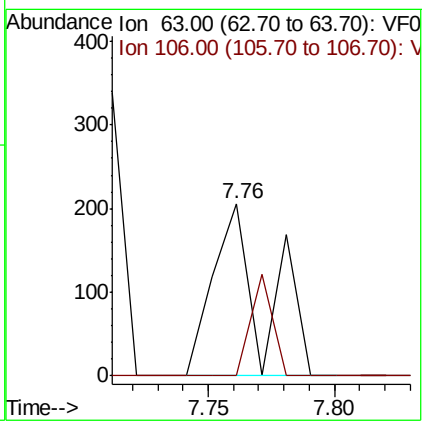


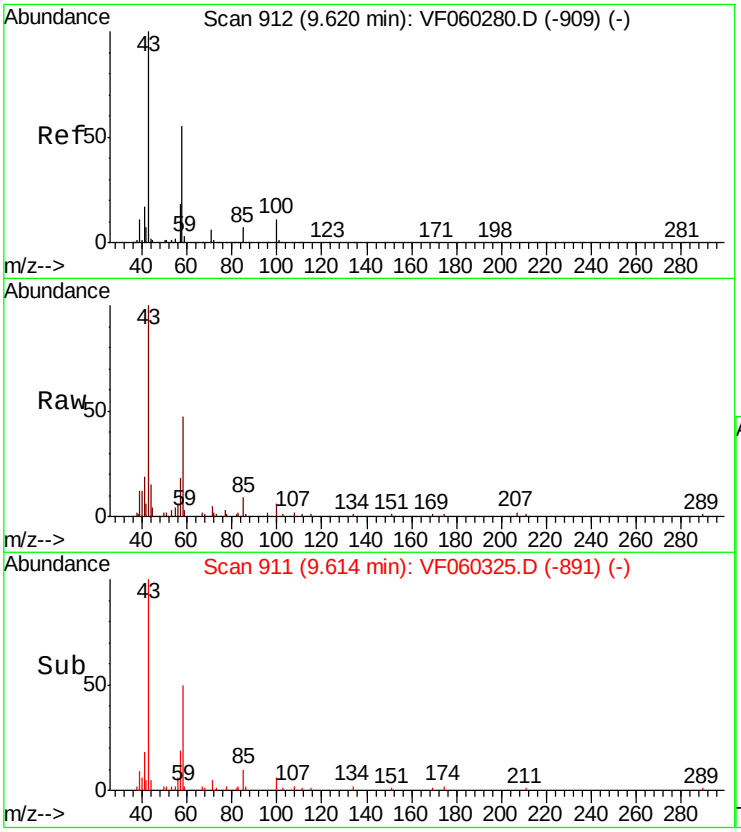


#58
2-Chloroethyl Vinyl ether
Concen: 1.187 ug/l
RT: 7.76 min Scan# 723
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 63 Resp: 292

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



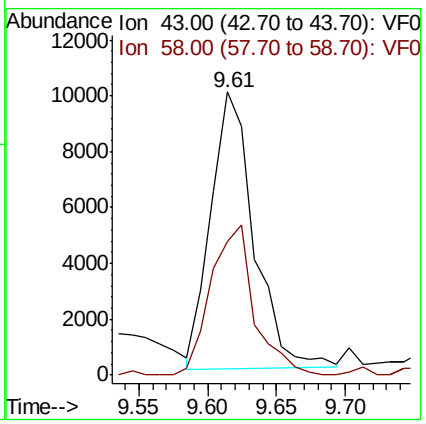


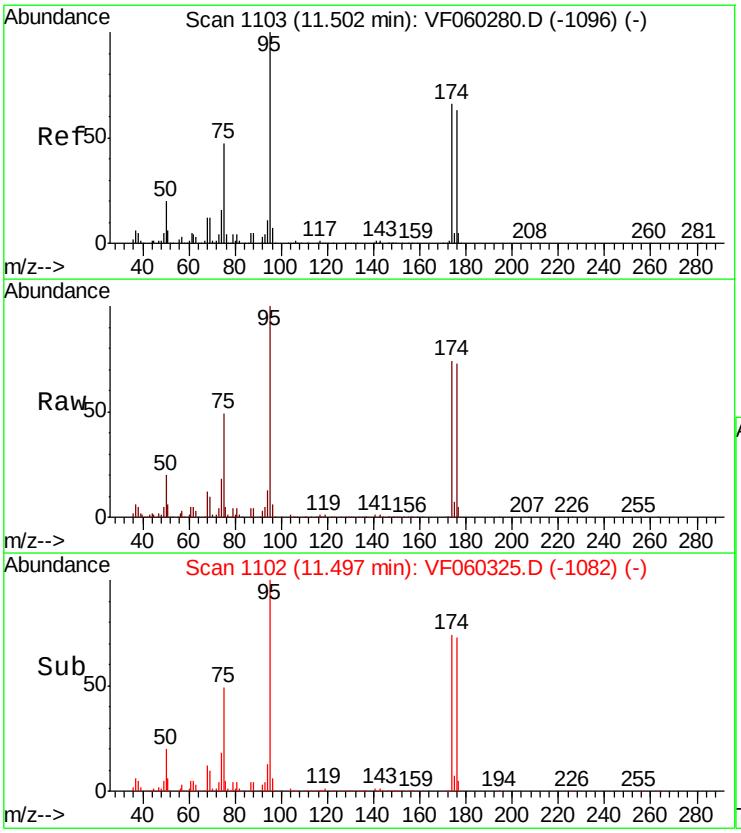
#59
2-Hexanone
Concen: 14.593 ug/l
RT: 9.61 min Scan# 911
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument : MSVOA_F
ClientSampleId : VF0925SBL01

Tgt Ion: 43 Resp: 21586

Ion	Ratio	Lower	Upper
43	100		
58	47.1	25.9	77.6

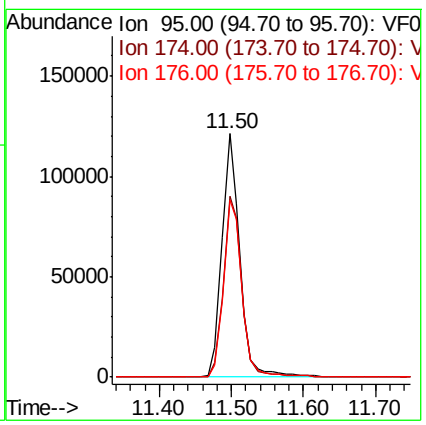


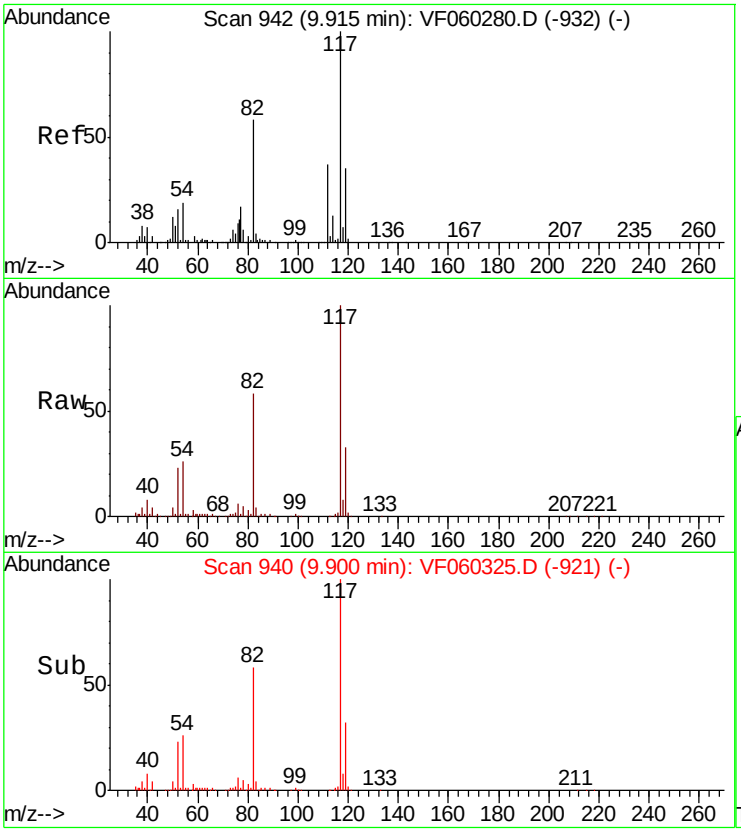


#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 95 Resp: 206879

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	131.2
176	72.8	0.0	126.6



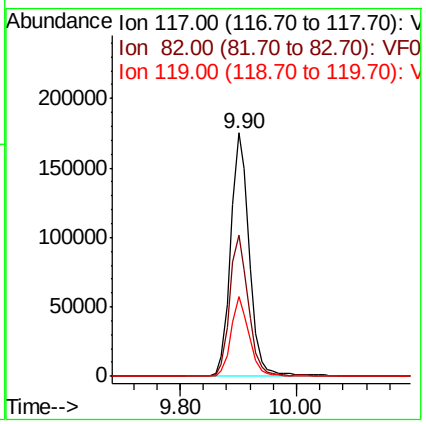


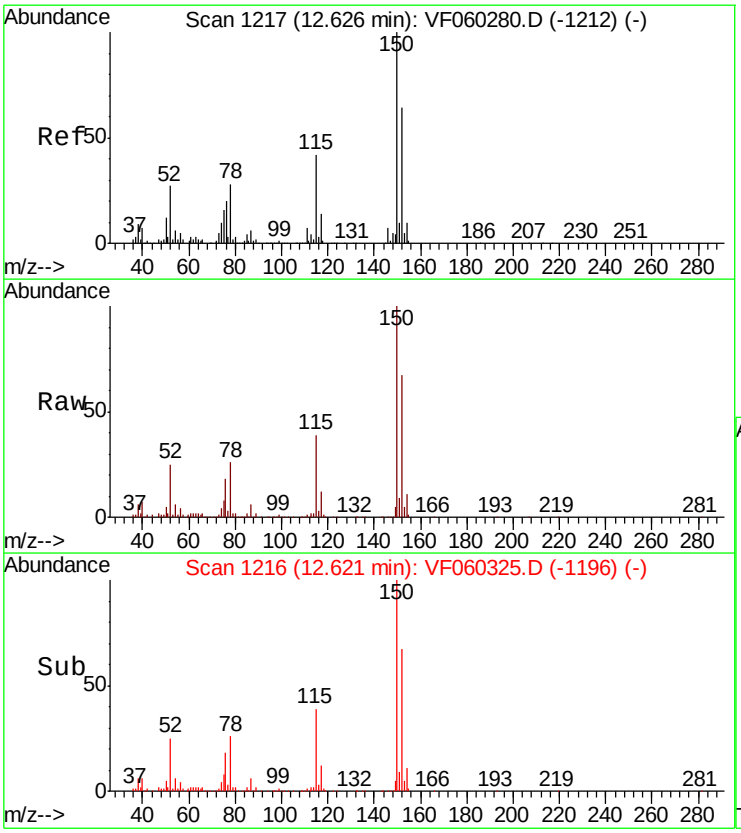
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion:117 Resp: 389081

Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.2
119	32.5	27.8	41.6

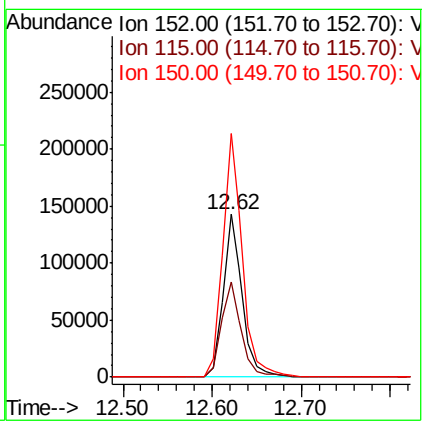


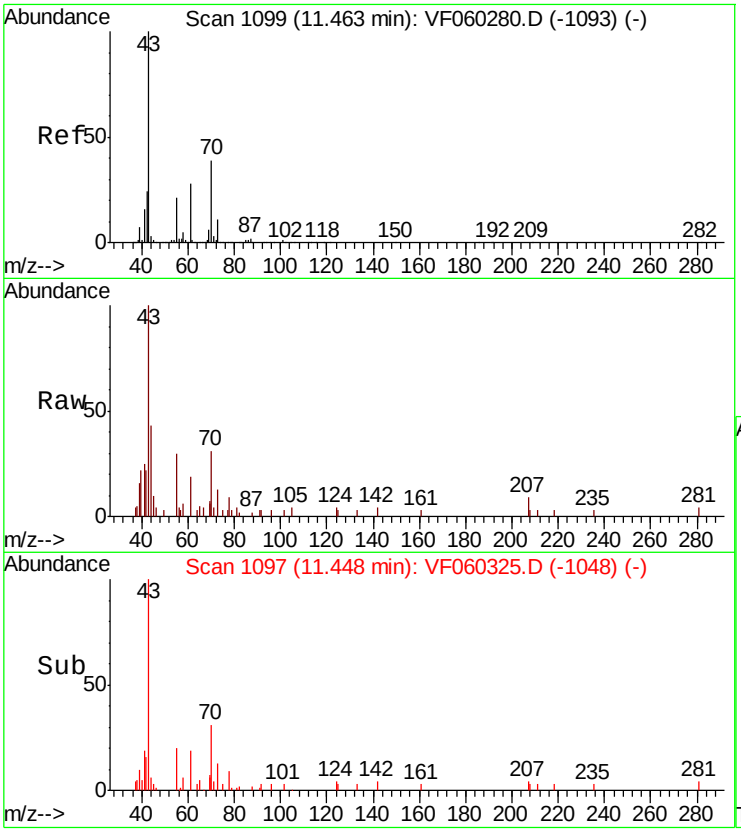


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion:152 Resp: 215085

Ion	Ratio	Lower	Upper
152	100		
115	58.8	32.6	97.8
150	149.6	0.0	314.2



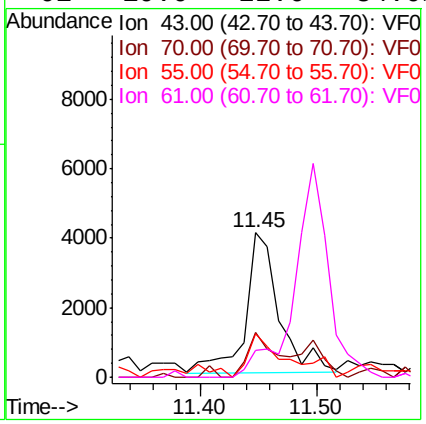


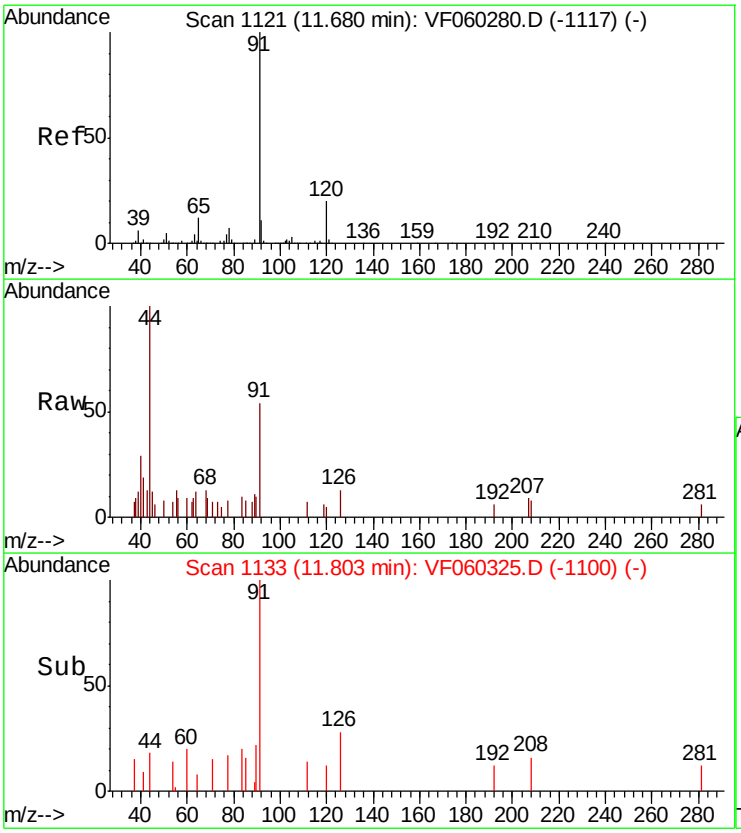
#74
N-amyl acetate
Concen: 1.982 ug/l
RT: 11.45 min Scan# 1097
Delta R.T. -0.02 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument : MSVOA_F
ClientSampleId : VF0925SBL01

Tgt Ion: 43 Resp: 8159

Ion	Ratio	Lower	Upper
43	100		
70	30.8	31.4	47.2#
55	30.0	16.8	25.2#
61	19.0	22.6	34.0#

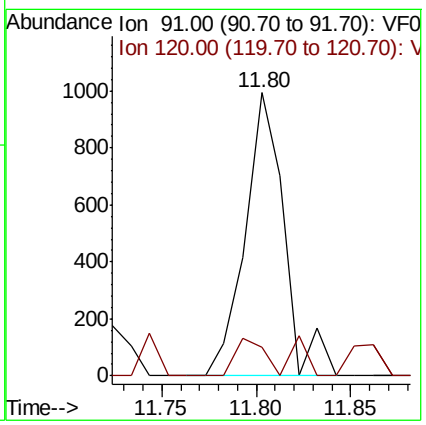


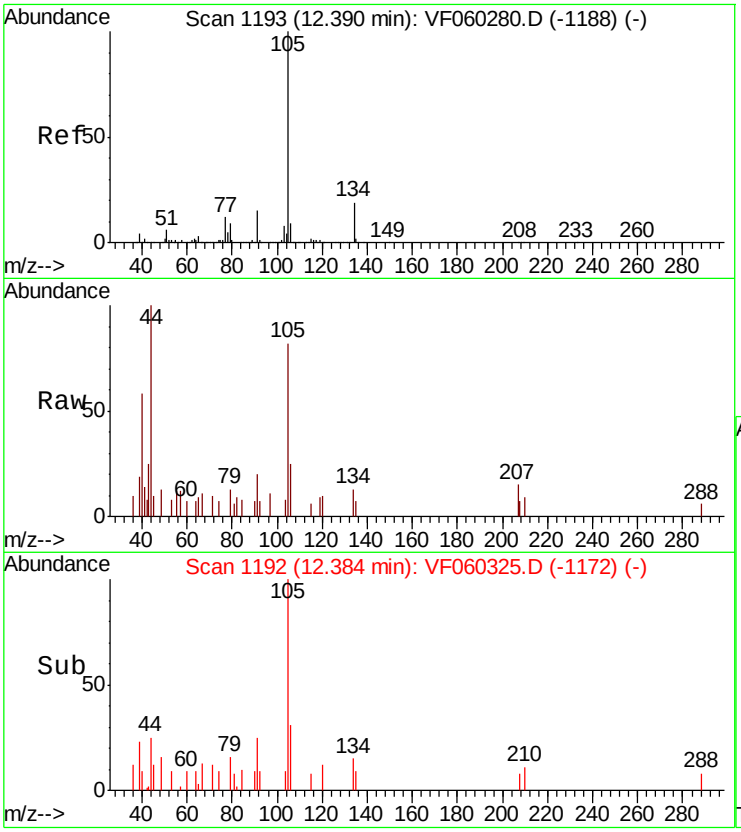


#78
n-propylbenzene
Concen: Below Cal
RT: 11.80 min Scan# 1133
Delta R.T. 0.12 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion: 91 Resp: 1414

Ion	Ratio	Lower	Upper
91	100		
120	10.2	10.0	29.8



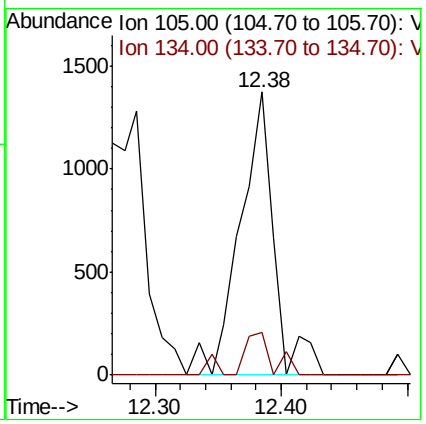


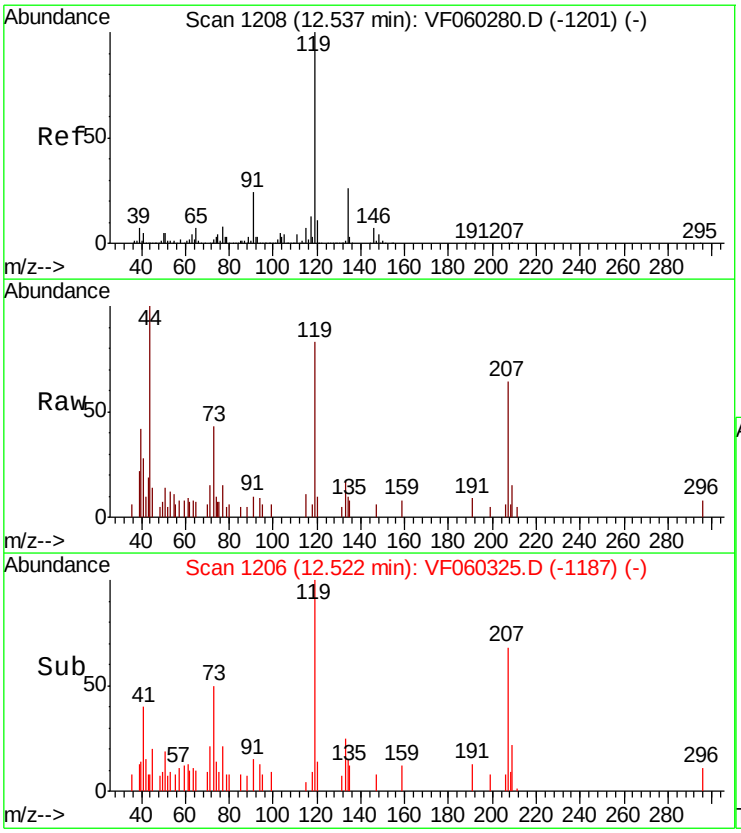
#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.38 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion:105 Resp: 2585

Ion	Ratio	Lower	Upper
105	100		
134	15.3	9.6	28.6

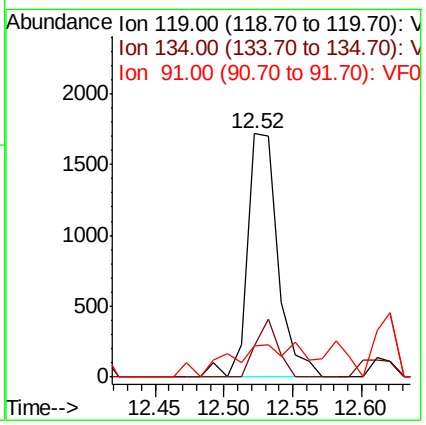


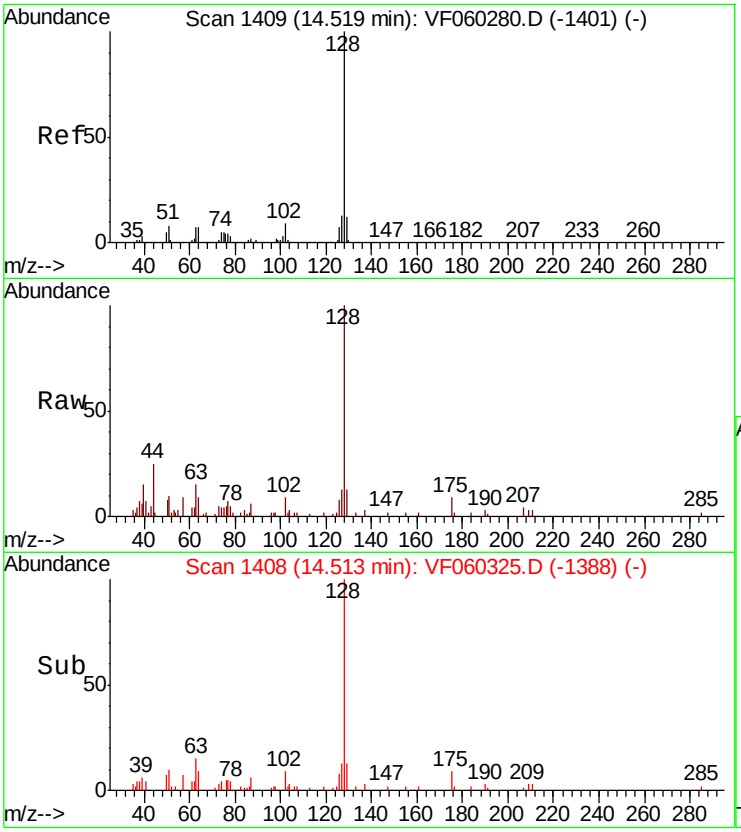


#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.52 min Scan# 1206
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Tgt Ion:119 Resp: 2686

Ion	Ratio	Lower	Upper
119	100		
134	12.7	12.9	38.7#
91	12.6	11.9	35.7





#95
Naphthalene
Concen: 1.146 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VF060325.D
Acq: 25 Sep 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
VF0925SBL01

Tgt Ion:128 Resp: 10835

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	12.8	9.8	14.8