Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060328.D
Acq On : 25 Sep 2018 16:49
Operator : VA/AP
Sample : J5061-01
Misc : 2.90/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Quant Time: Sep 26 01:45:46 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	5.03	168	245798	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	437668	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	372415	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	171025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	101850	30.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.54%			
35) Dibromofluoromethane	4.17	113	62	0.02	ug/l	-0.12
Spiked Amount 50.000			Recovery = 0.04%			
50) Toluene-d8	7.70	98	238370	23.46	ug/l	-0.01
Spiked Amount 50.000			Recovery = 46.92%			
62) 4-Bromofluorobenzene	11.50	95	98954	22.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 45.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	184	Below Cal	#	40
5) Bromomethane	1.32	94	678	Below Cal	#	35
11) Tert butyl alcohol	2.66	59	631	Below Cal	#	1
13) Acrolein	2.07	56	850	Below Cal	#	11
15) Acrylonitrile	3.10	53	2370	5.070	ug/l #	25
16) Acetone	2.33	43	14806	15.885	ug/l	95
17) Carbon Disulfide	1.90	76	492	Below Cal	#	1
20) Methylene Chloride	2.28	84	12396	Below Cal	#	78
25) 2-Butanone	4.50	43	9904	7.894	ug/l	93
29) Tetrahydrofuran	4.25	42	2609	5.679	ug/l #	46
43) Isopropyl Acetate	7.11	43	5260	1.891	ug/l #	78
48) Methyl methacrylate	6.85	41	2380	1.219	ug/l #	68
49) 1,4-Dioxane	6.84	88	242	13.876	ug/l #	8
51) 4-Methyl-2-Pentanone	8.40	43	30726	14.335	ug/l	97
56) Ethyl methacrylate	8.75	69	9267	3.228	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.78	63	1068	4.209	ug/l	100
59) 2-Hexanone	9.62	43	40647	26.635	ug/l	99
74) N-amyl acetate	11.45	43	26284	8.028	ug/l	95
78) n-propylbenzene	11.68	91	4888	Below Cal		91
85) sec-Butylbenzene	12.38	105	2601	Below Cal	#	68
86) p-Isopropyltoluene	12.53	119	3278	Below Cal		85
89) n-Butylbenzene	12.91	91	3500	Below Cal	#	78
95) Naphthalene	14.52	128	43505	5.788	ug/l	97

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

Quantitation Report (Not Reviewed)

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Operator : VA/AP
Sample : J5061-01
Misc : 2.90/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

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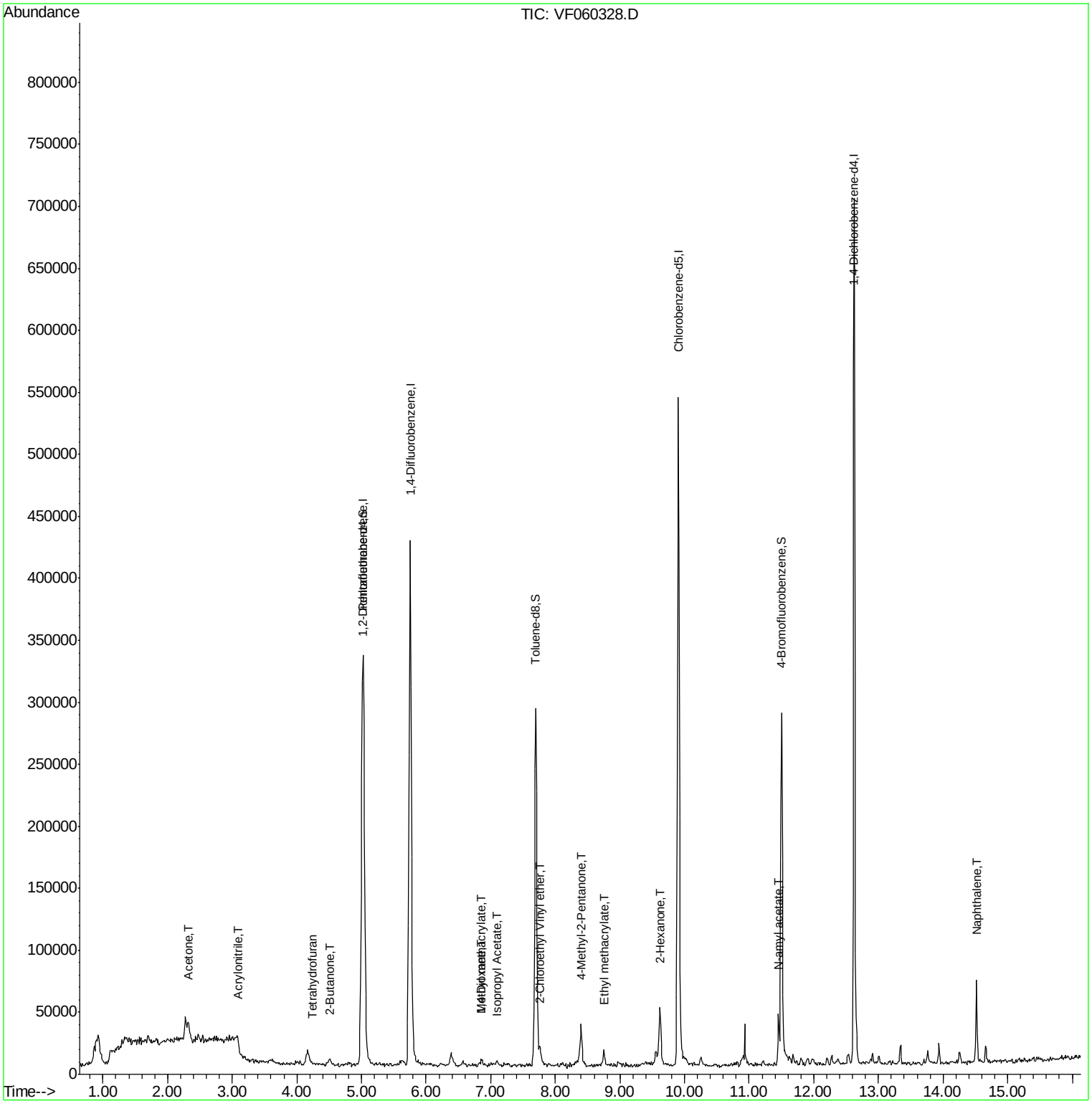
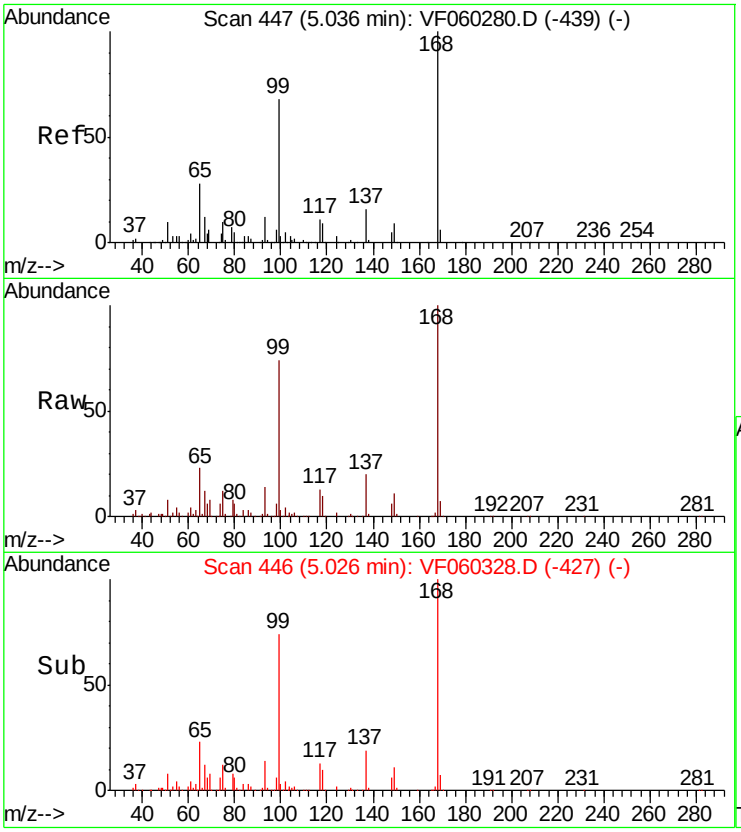


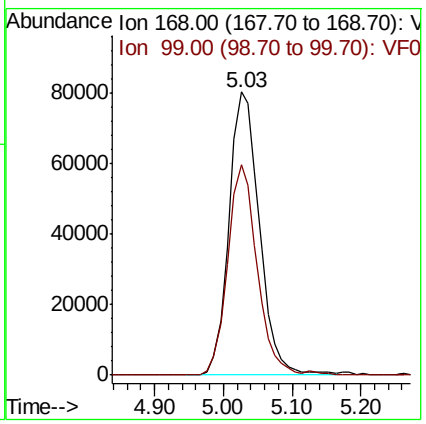


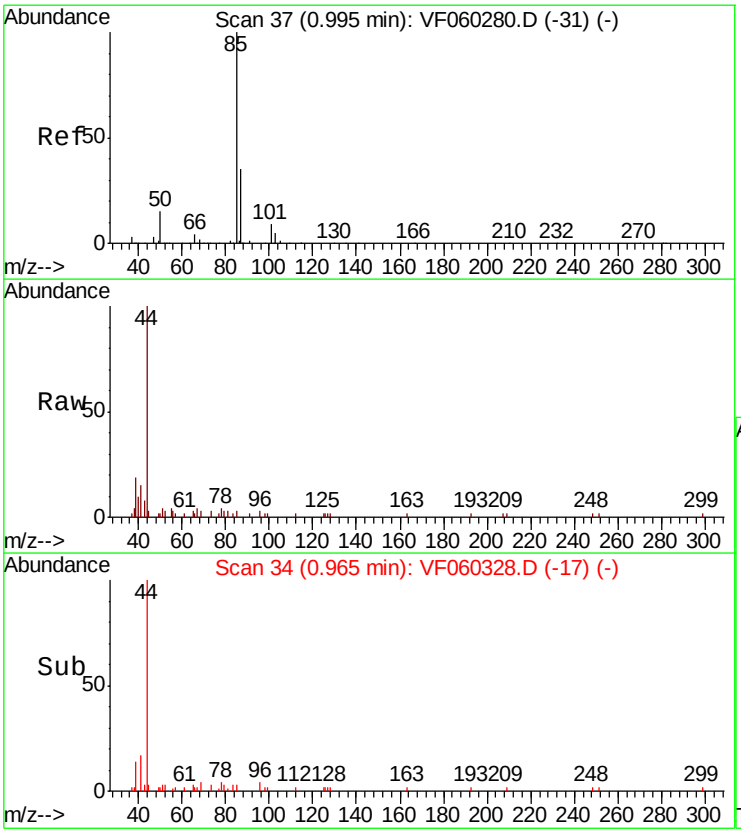
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion:168 Resp: 245798

Ion	Ratio	Lower	Upper
168	100		
99	74.2	54.8	82.2

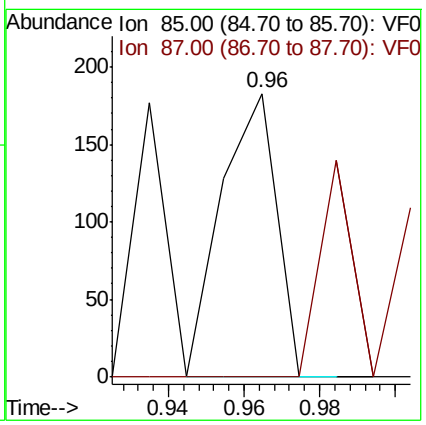


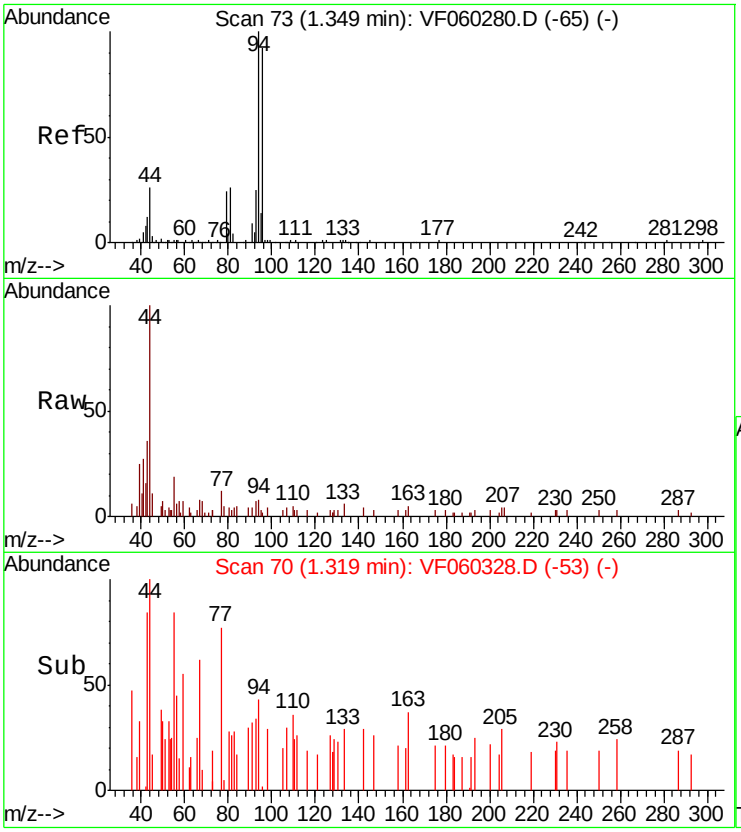


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 34
Delta R.T. -0.03 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 85 Resp: 184

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.3	52.0#



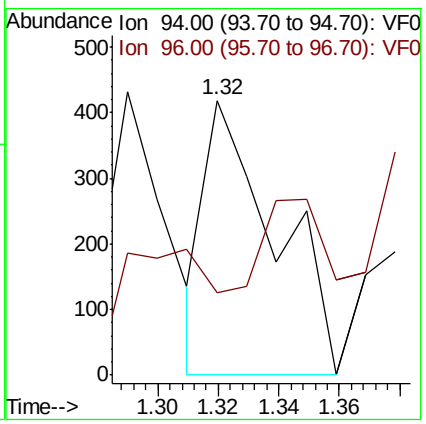


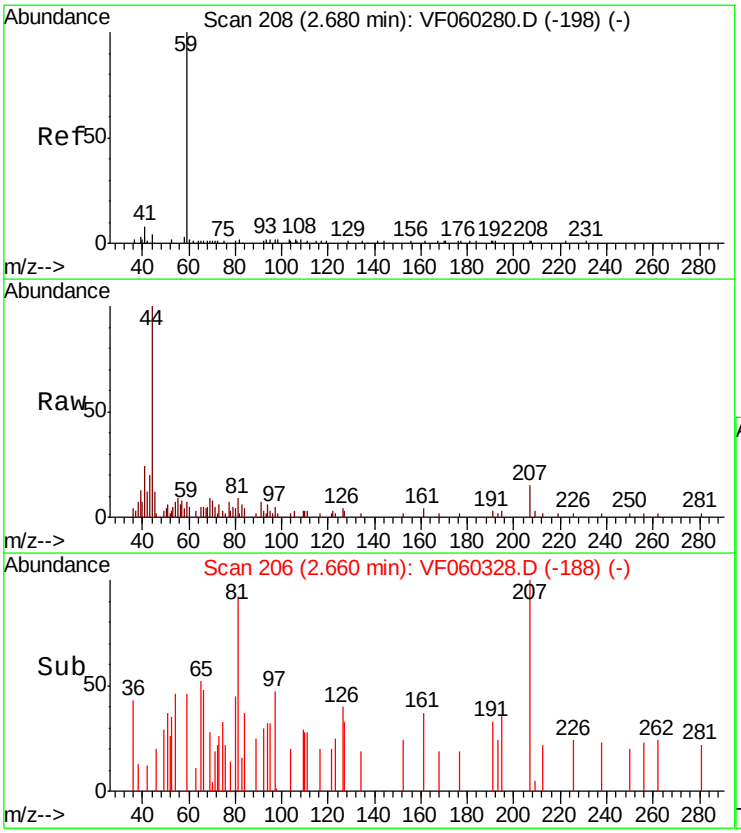
#5
Bromomethane
Concen: Below Cal
RT: 1.32 min Scan# 70
Delta R.T. -0.03 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion: 94 Resp: 678

Ion	Ratio	Lower	Upper
94	100		
96	30.1	73.9	110.9#

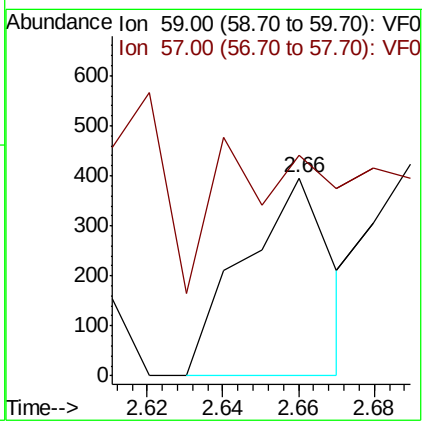


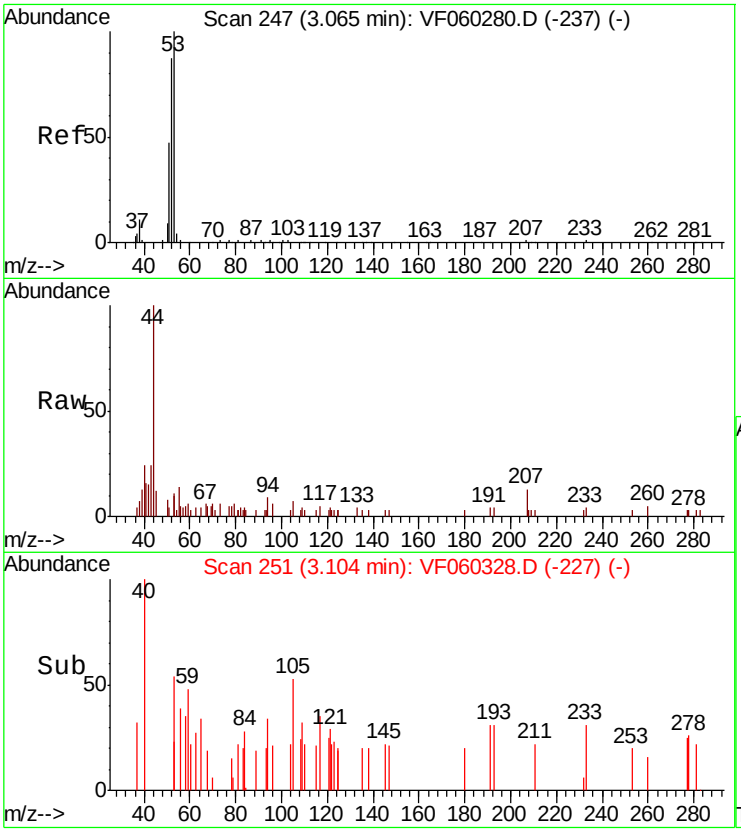


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.66 min Scan# 206
Delta R.T. -0.02 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 59 Resp: 631

Ion	Ratio	Lower	Upper
59	100		
57	111.4	12.4	18.6#



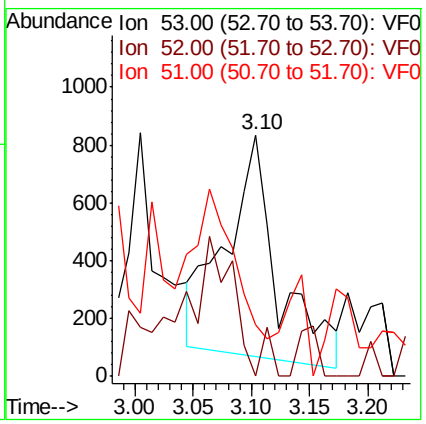


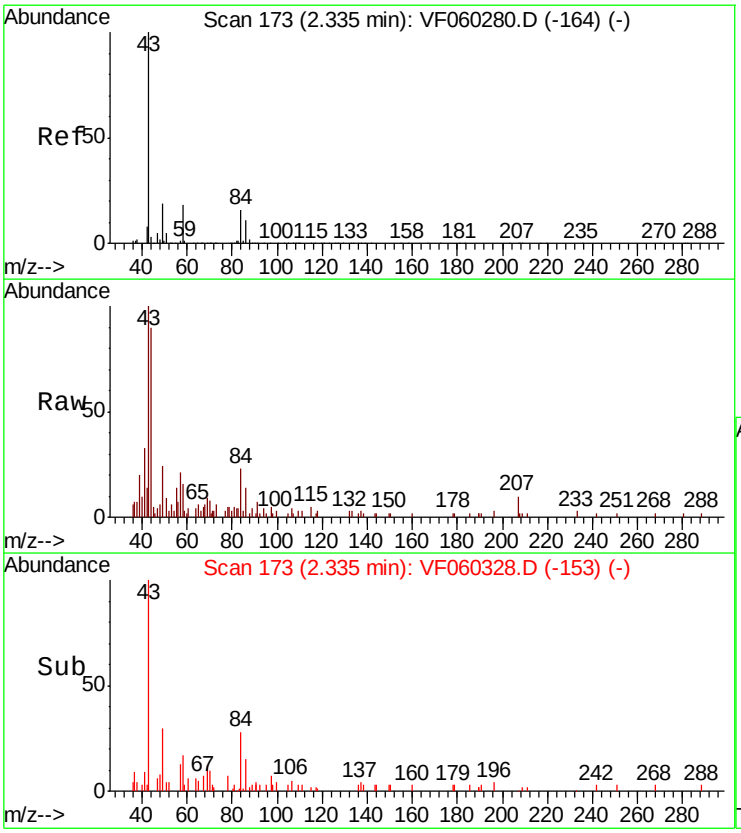
#15
Acrylonitrile
Concen: 5.070 ug/l
RT: 3.10 min Scan# 251
Delta R.T. 0.04 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion: 53 Resp: 2370

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.5	104.3#
51	21.3	38.1	57.1#

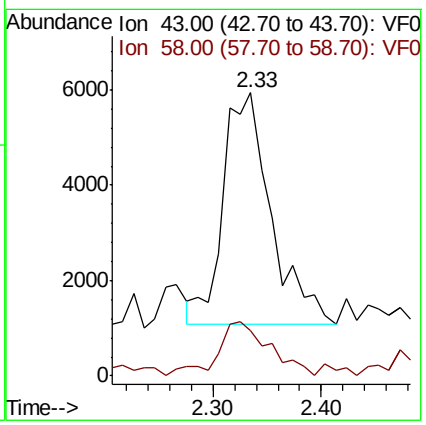


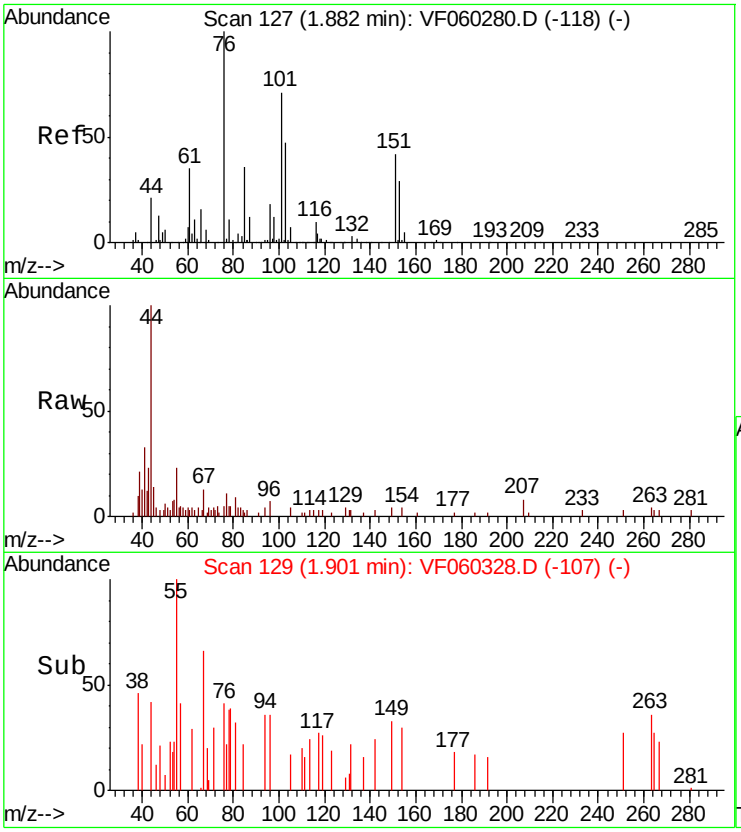


#16
Acetone
Concen: 15.885 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 43 Resp: 14806

Ion	Ratio	Lower	Upper
43	100		
58	15.9	14.5	21.7



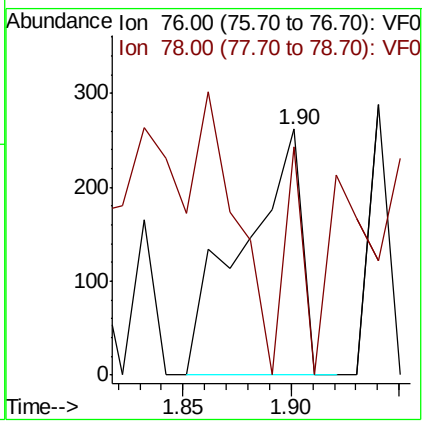


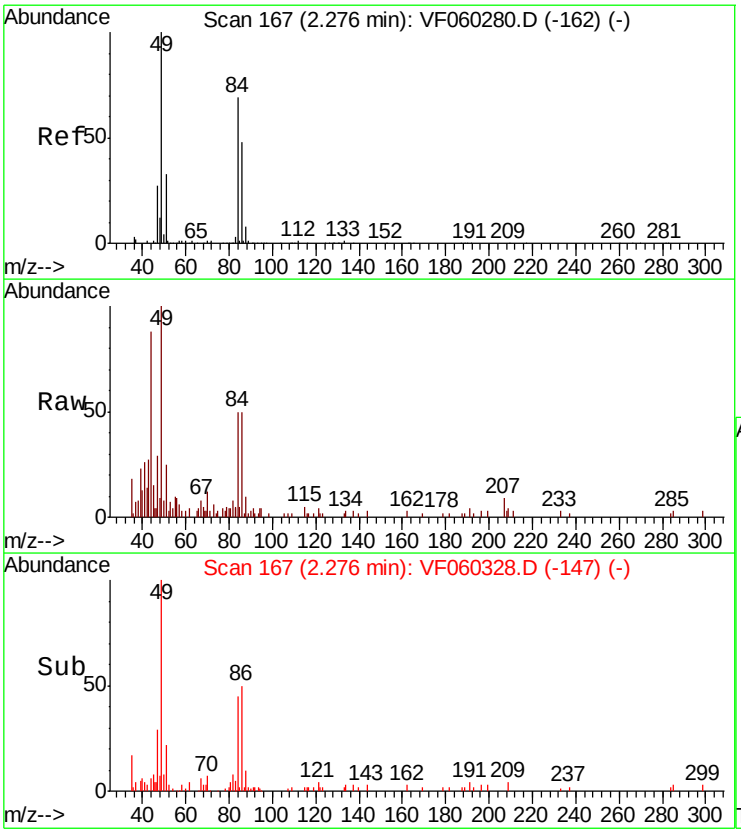
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.90 min Scan# 129
Delta R.T. 0.02 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion: 76 Resp: 492

Ion	Ratio	Lower	Upper
76	100		
78	93.1	9.4	14.0#

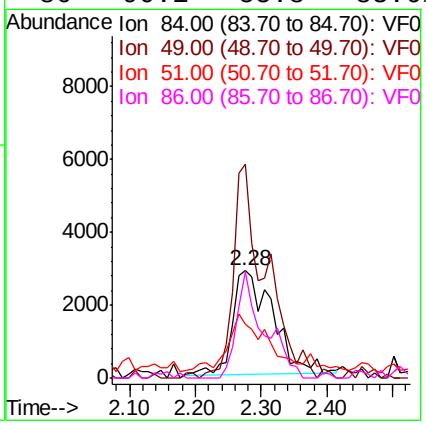


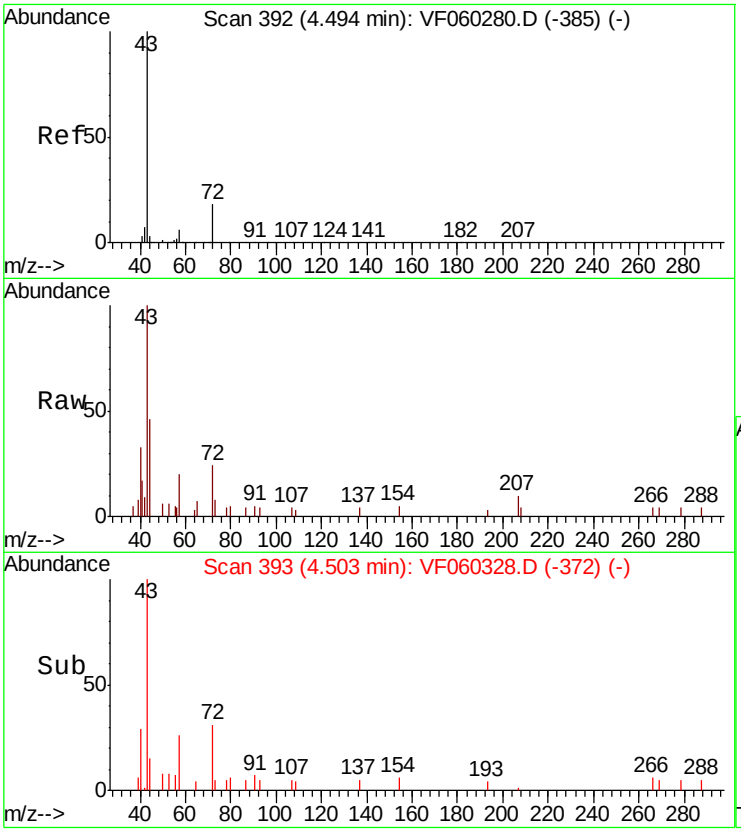


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 84 Resp: 12396

Ion	Ratio	Lower	Upper
84	100		
49	181.5	118.3	177.5#
51	46.2	38.7	58.1
86	90.1	55.8	83.6#



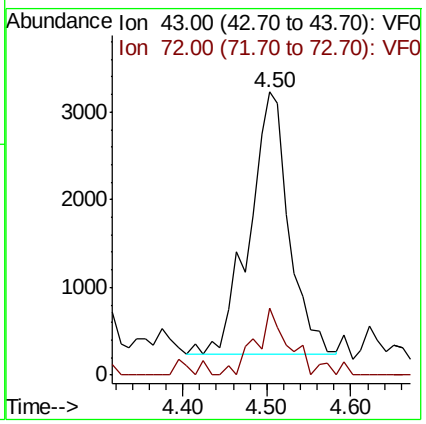


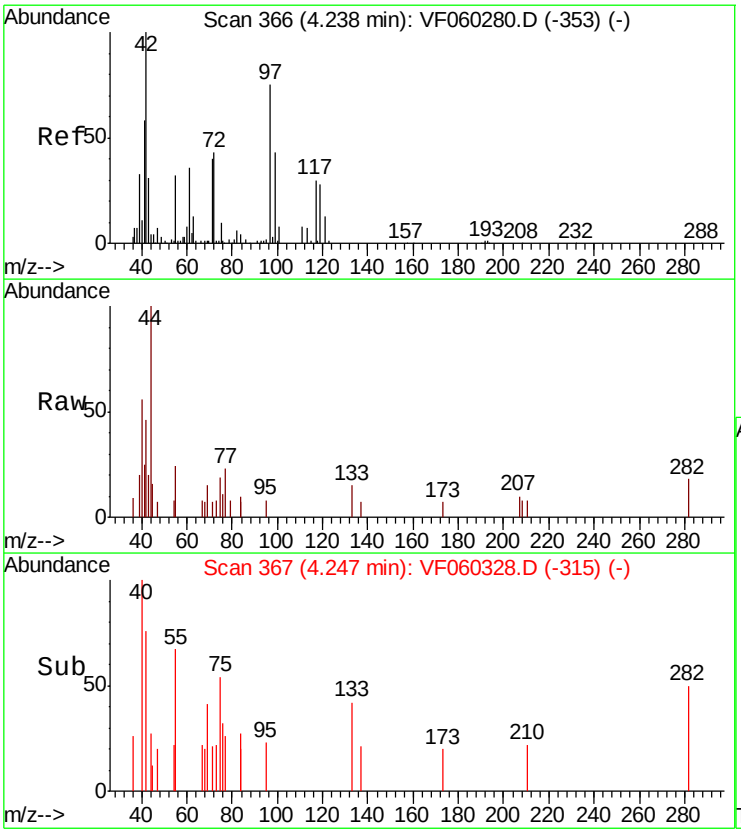
#25
2-Butanone
Concen: 7.894 ug/l
RT: 4.50 min Scan# 393
Delta R.T. 0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion: 43 Resp: 9904

Ion	Ratio	Lower	Upper
43	100		
72	23.5	16.2	24.2

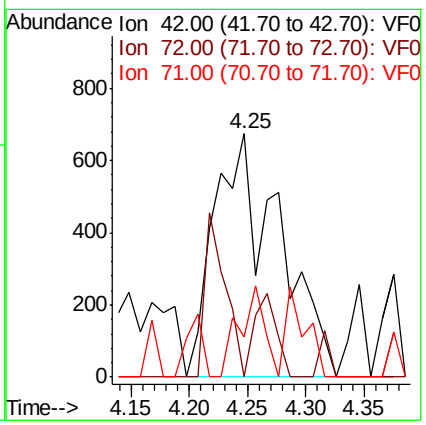


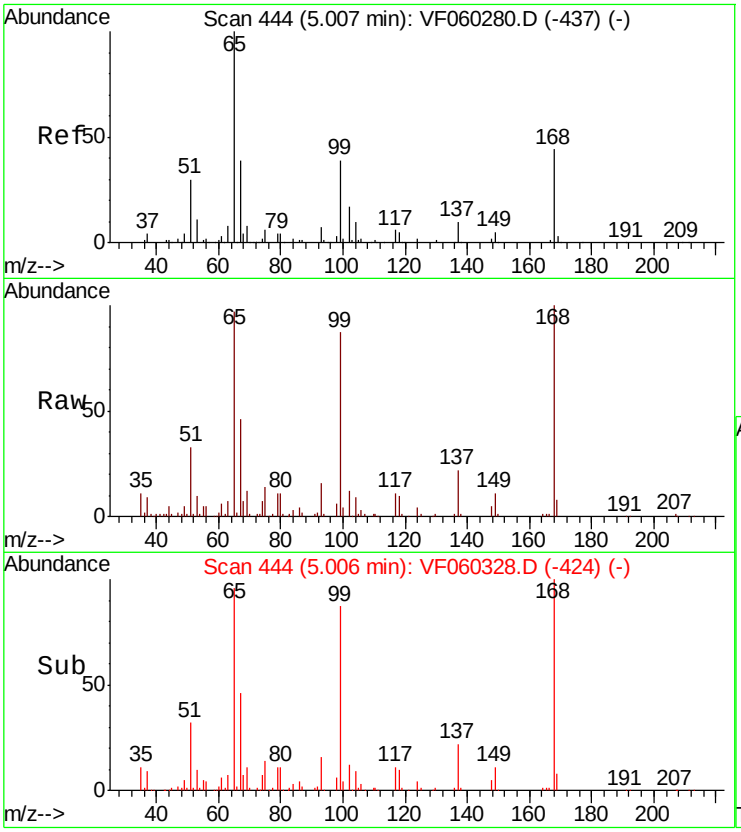


#29
Tetrahydrofuran
Concen: 5.679 ug/l
RT: 4.25 min Scan# 367
Delta R.T. 0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 42 Resp: 2609

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.6	49.0#
71	14.4	32.7	49.1#



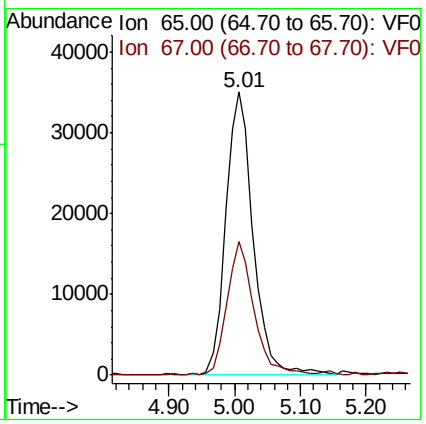


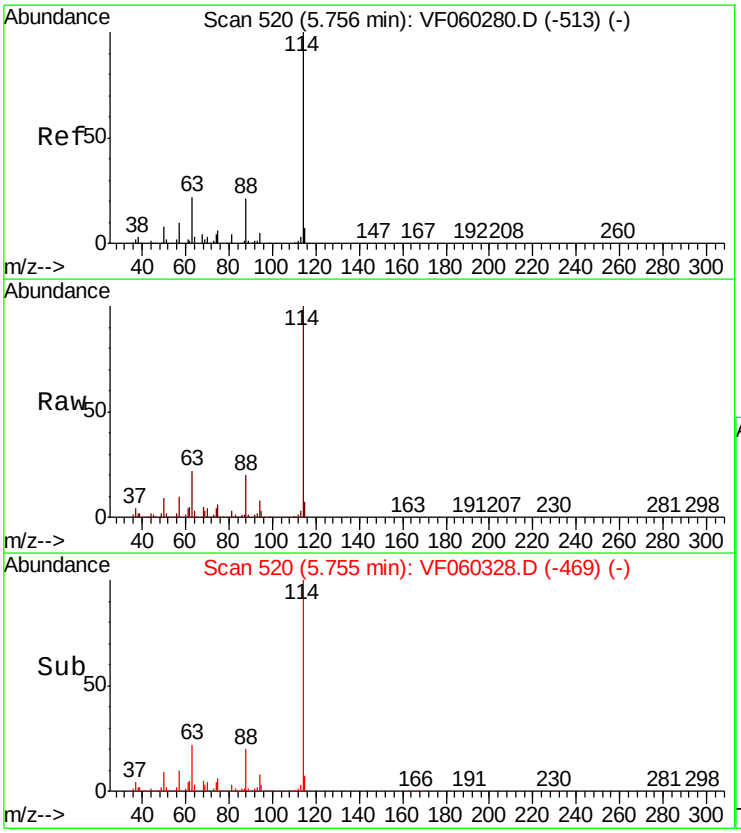
#33
1,2-Dichloroethane-d4
Concen: 30.773 ug/l
RT: 5.01 min Scan# 444
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion: 65 Resp: 101850

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	94.4

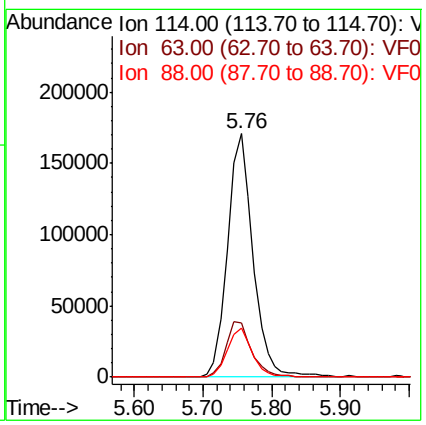


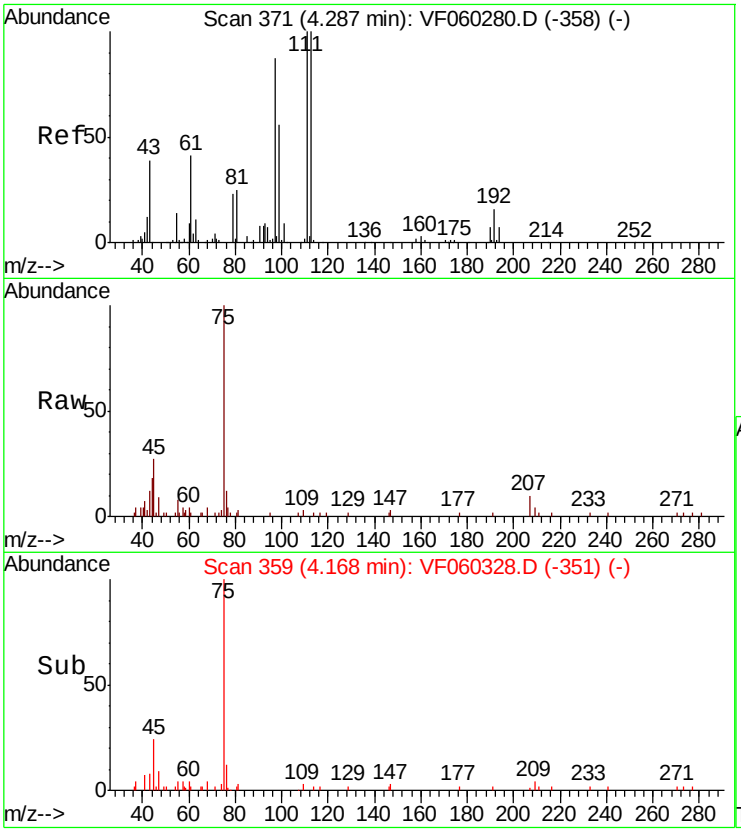


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 520
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion:114 Resp: 437668

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	20.0	0.0	41.2



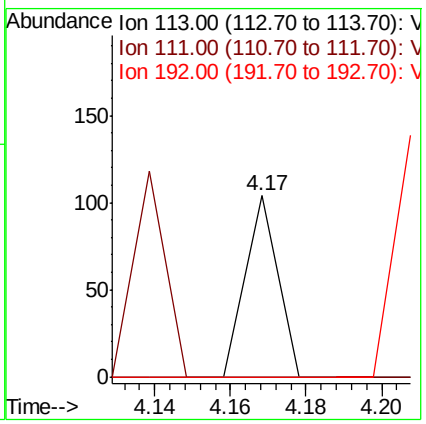


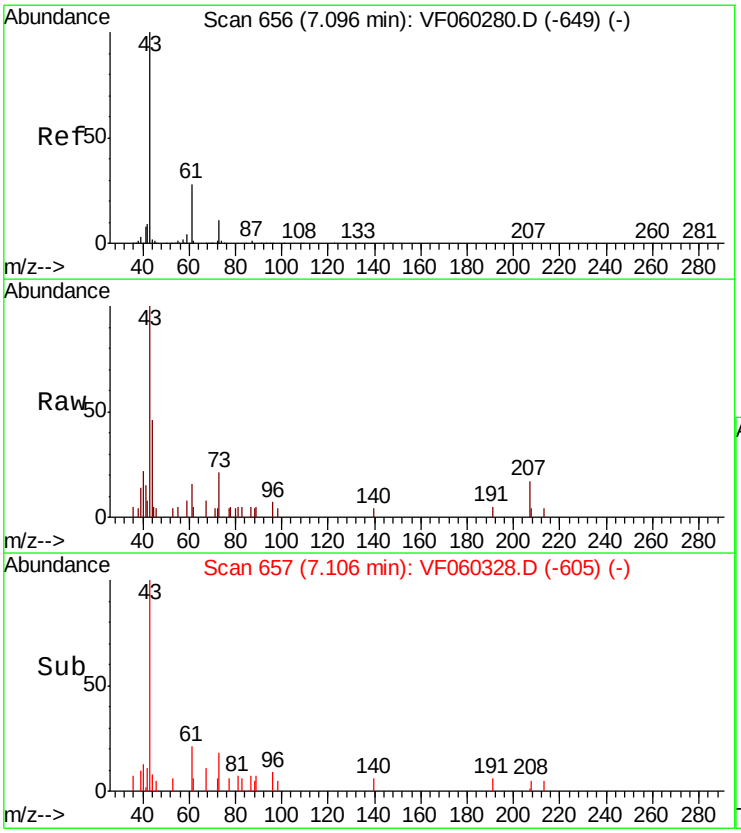
#35
Dibromofluoromethane
Concen: 0.016 ug/l
RT: 4.17 min Scan# 359
Delta R.T. -0.12 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion:113 Resp: 62

Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.6	119.4#
192	0.0	13.0	19.6#

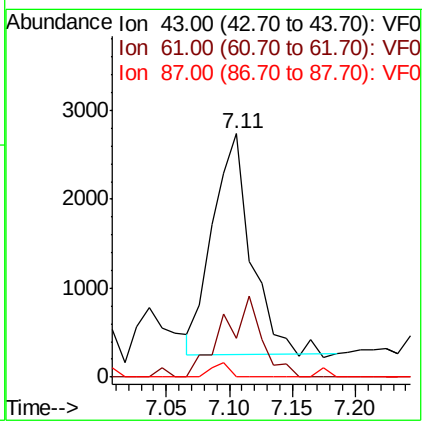


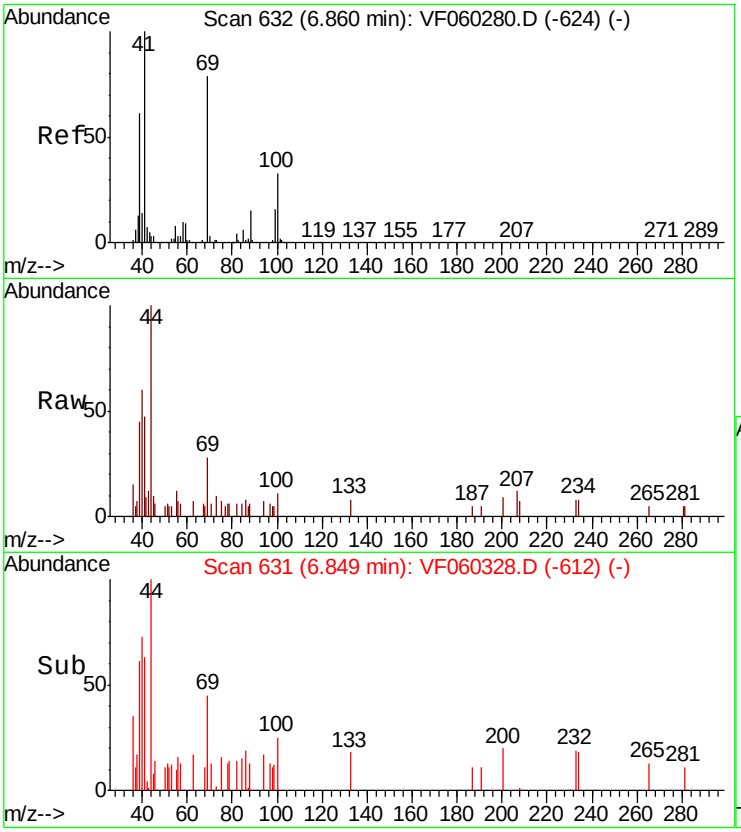


#43
Isopropyl Acetate
Concen: 1.891 ug/l
RT: 7.11 min Scan# 657
Delta R.T. 0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 43 Resp: 5260

Ion	Ratio	Lower	Upper
43	100		
61	16.1	22.4	33.6#
87	0.0	0.6	0.8#



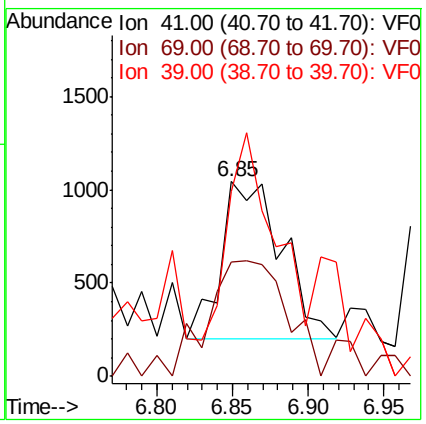


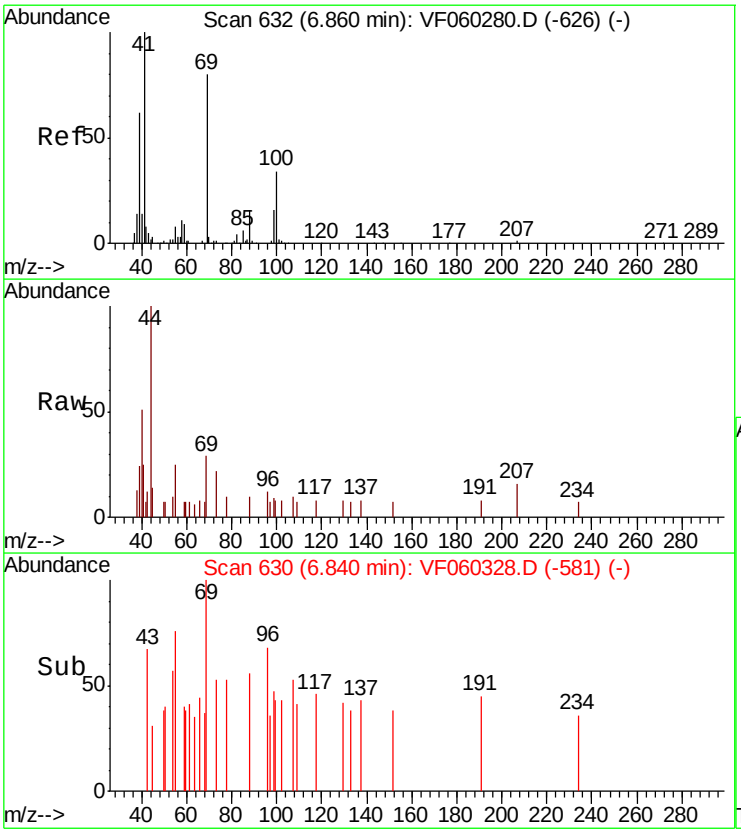
#48
Methyl methacrylate
Concen: 1.219 ug/l
RT: 6.85 min Scan# 631
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion: 41 Resp: 2380

Ion	Ratio	Lower	Upper
41	100		
69	58.9	62.6	94.0#
39	95.1	49.1	73.7#

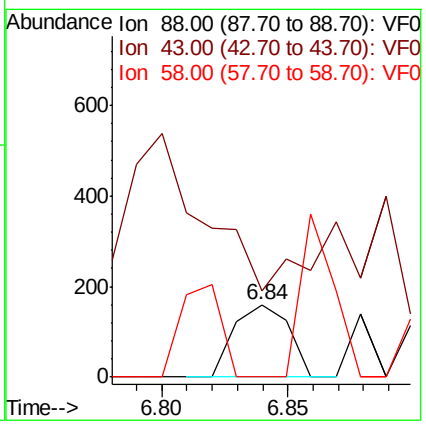


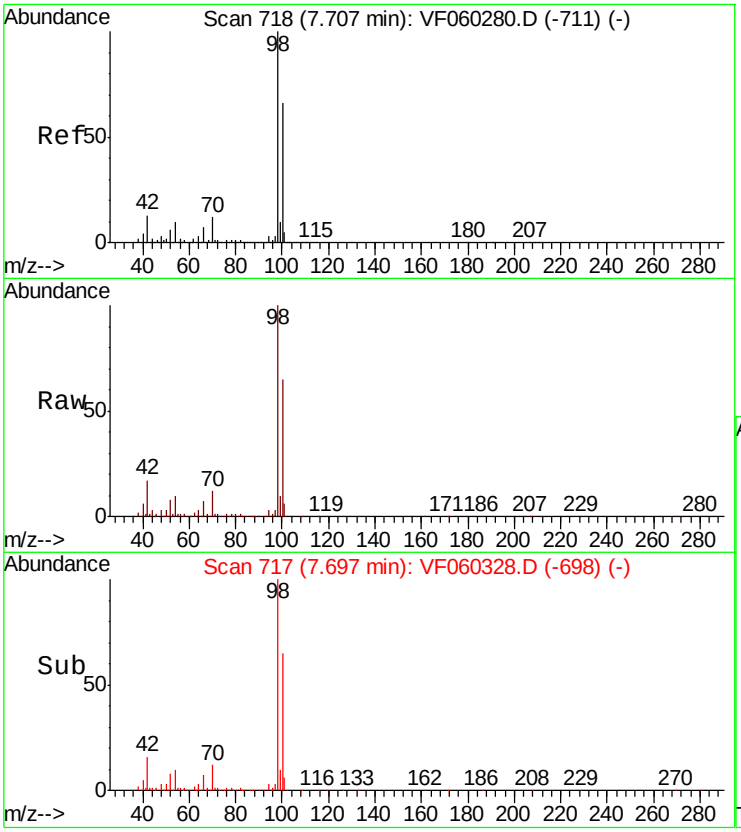


#49
1,4-Dioxane
Concen: 13.876 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.02 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 88 Resp: 242

Ion	Ratio	Lower	Upper
88	100		
43	119.4	40.2	60.4#
58	0.0	56.7	85.1#



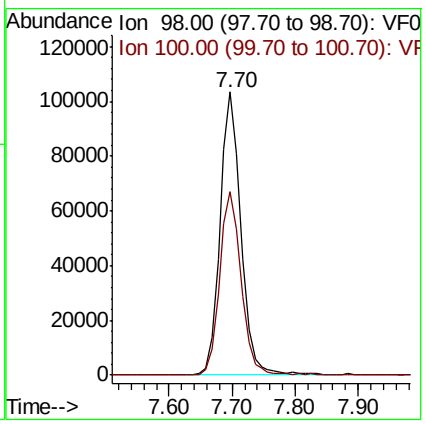


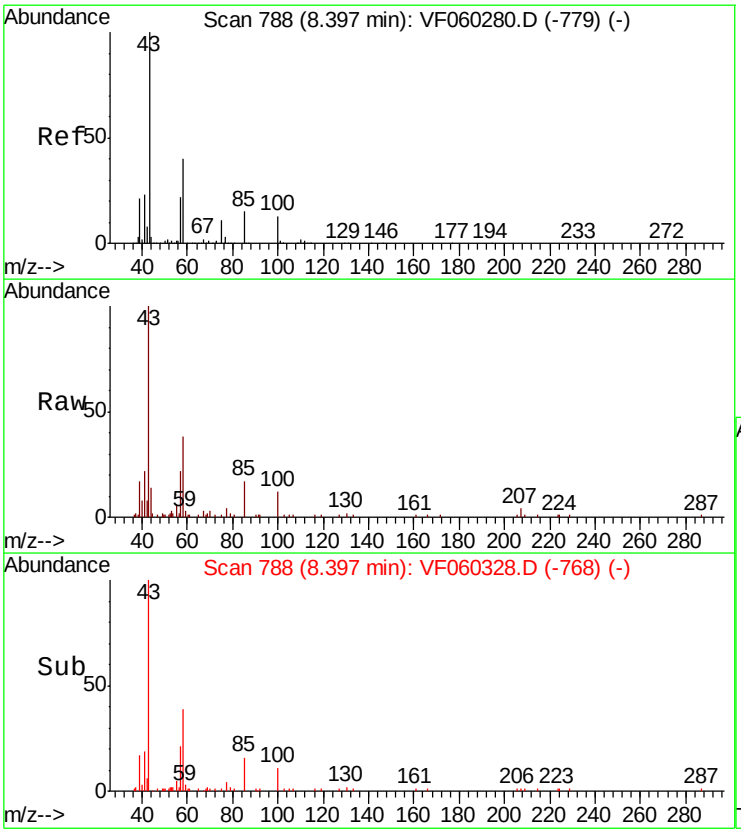
#50
Toluene-d8
Concen: 23.461 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion: 98 Resp: 238370

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.0	79.6

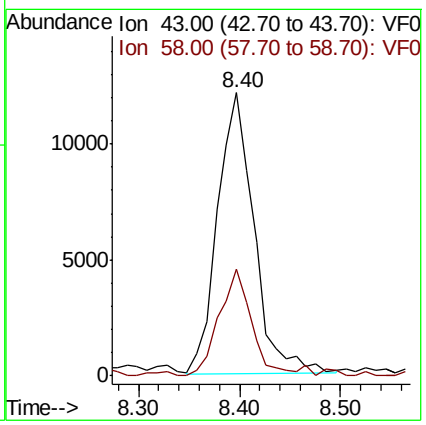


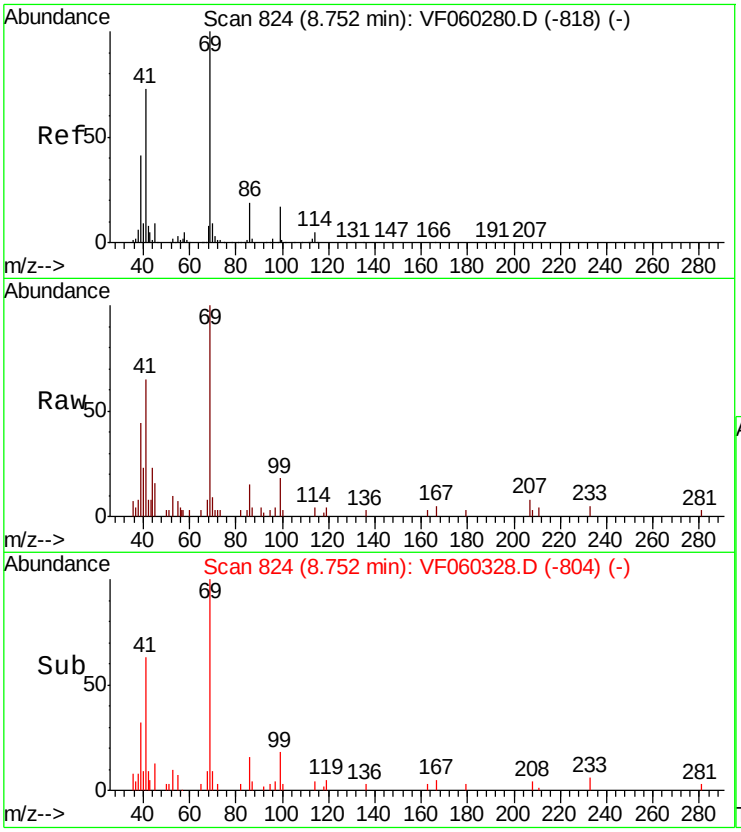


#51
4-Methyl-2-Pentanone
Concen: 14.335 ug/l
RT: 8.40 min Scan# 788
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 43 Resp: 30726

Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.8	47.8



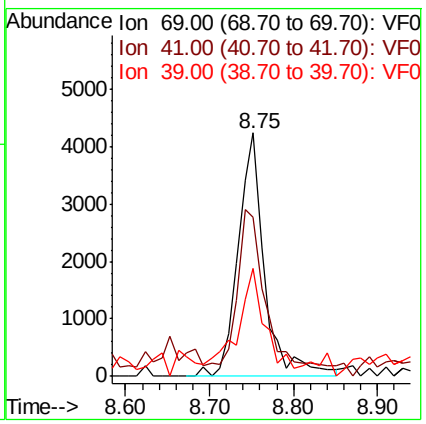


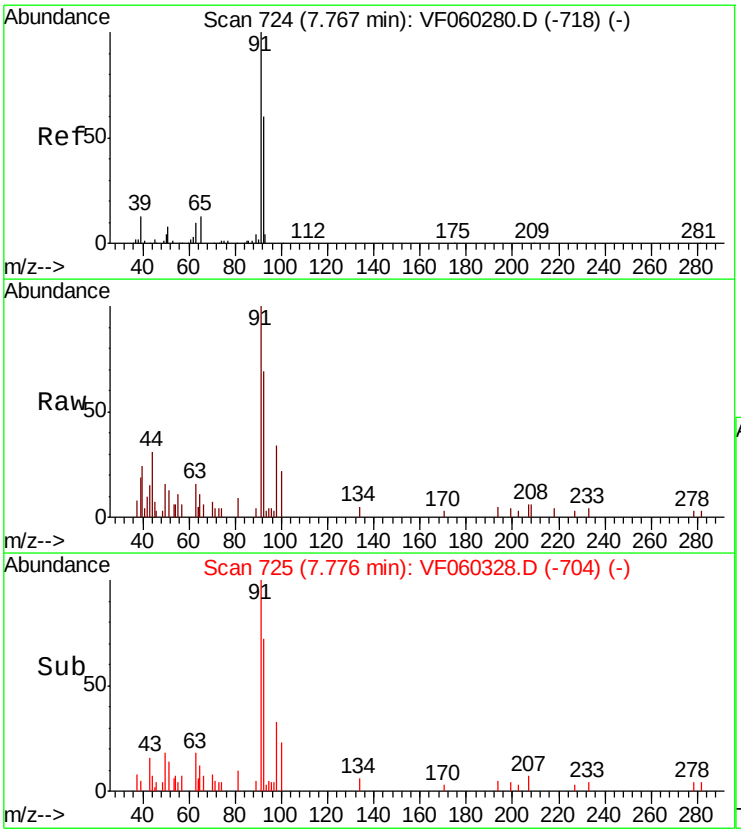
#56
Ethyl methacrylate
Concen: 3.228 ug/l
RT: 8.75 min Scan# 824
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion: 69 Resp: 9267

Ion	Ratio	Lower	Upper
69	100		
41	65.5	59.4	89.2
39	44.4	33.5	50.3

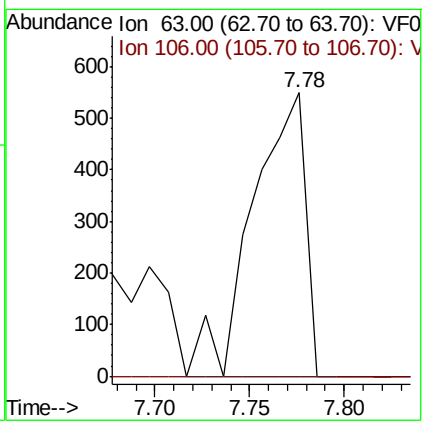


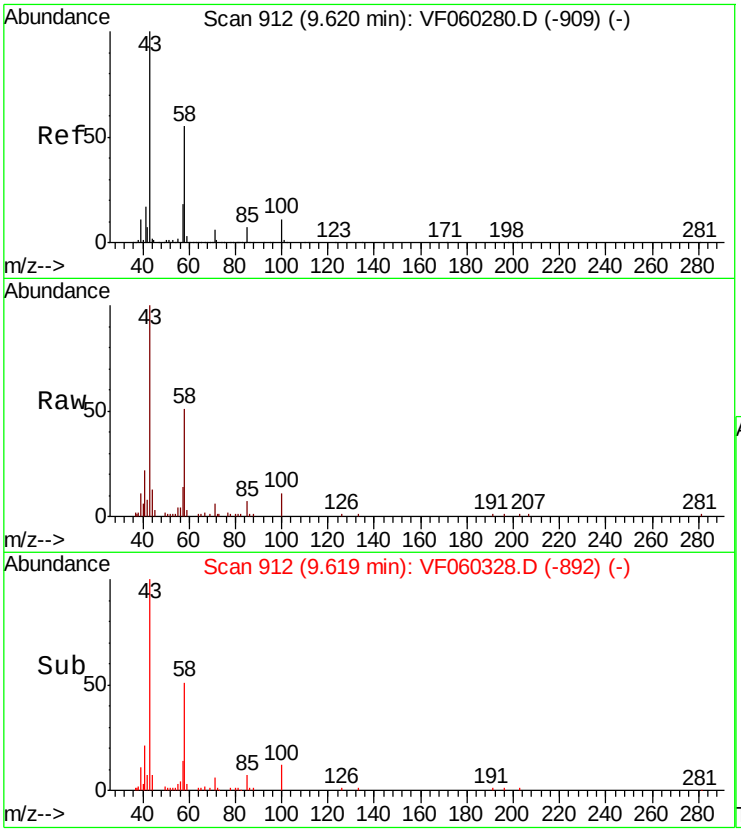


#58
2-Chloroethyl Vinyl ether
Concen: 4.209 ug/l
RT: 7.78 min Scan# 725
Delta R.T. 0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 63 Resp: 1068

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



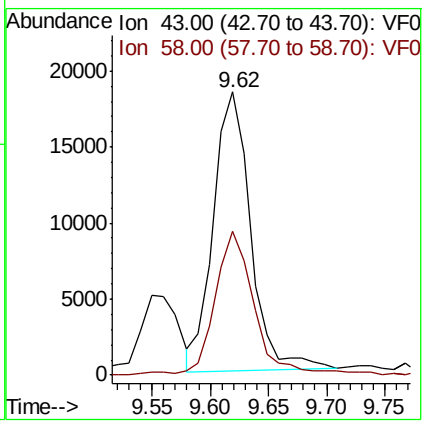


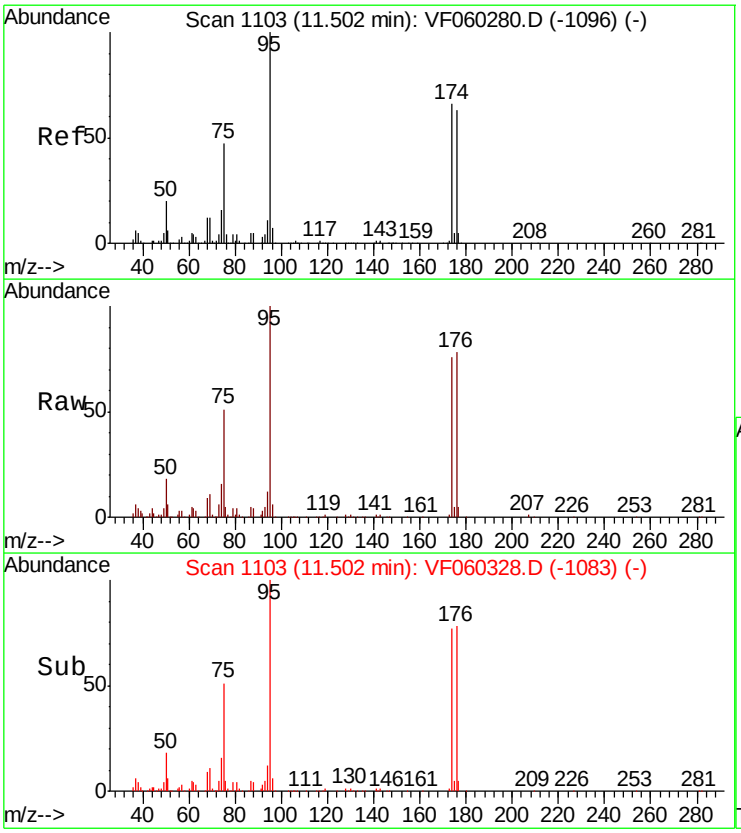
#59
2-Hexanone
Concen: 26.635 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion: 43 Resp: 40647

Ion	Ratio	Lower	Upper
43	100		
58	50.9	25.9	77.6

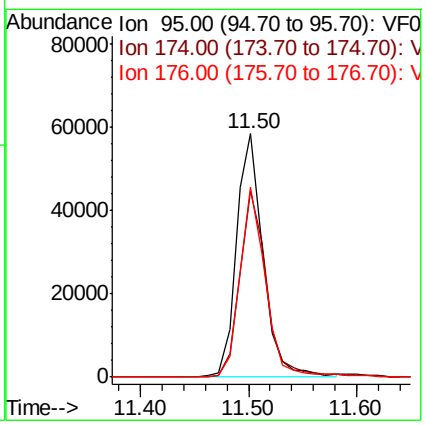


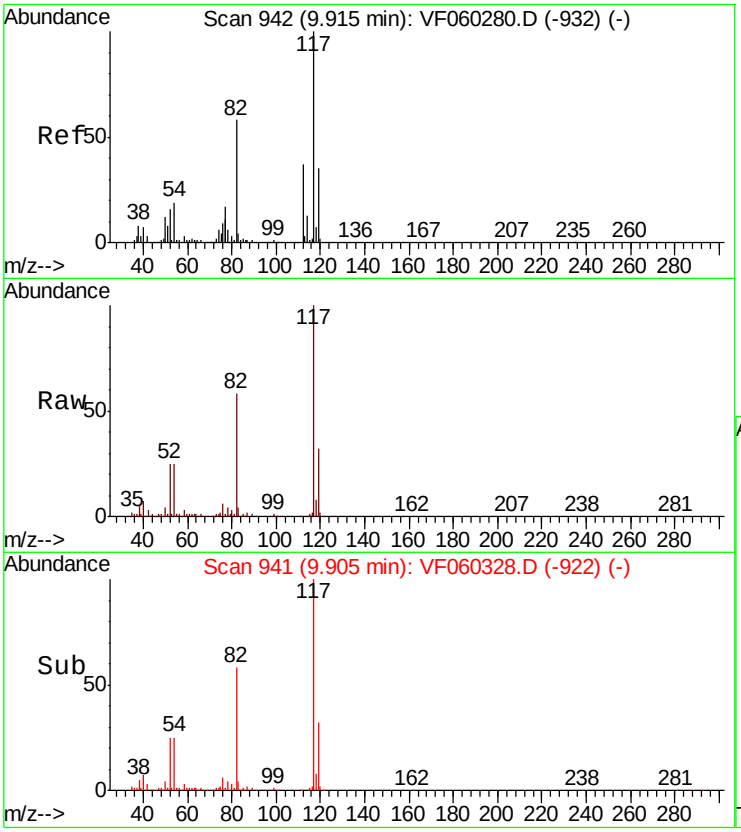


#62
4-Bromofluorobenzene
Concen: 22.531 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 95 Resp: 98954

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	131.2
176	78.0	0.0	126.6



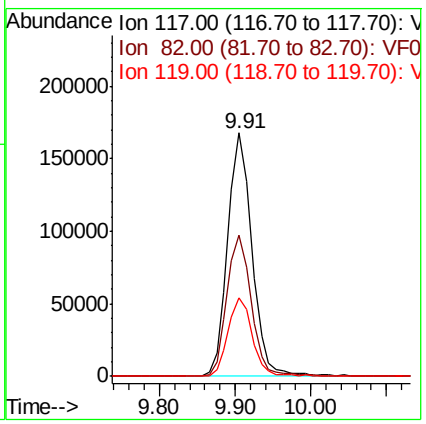


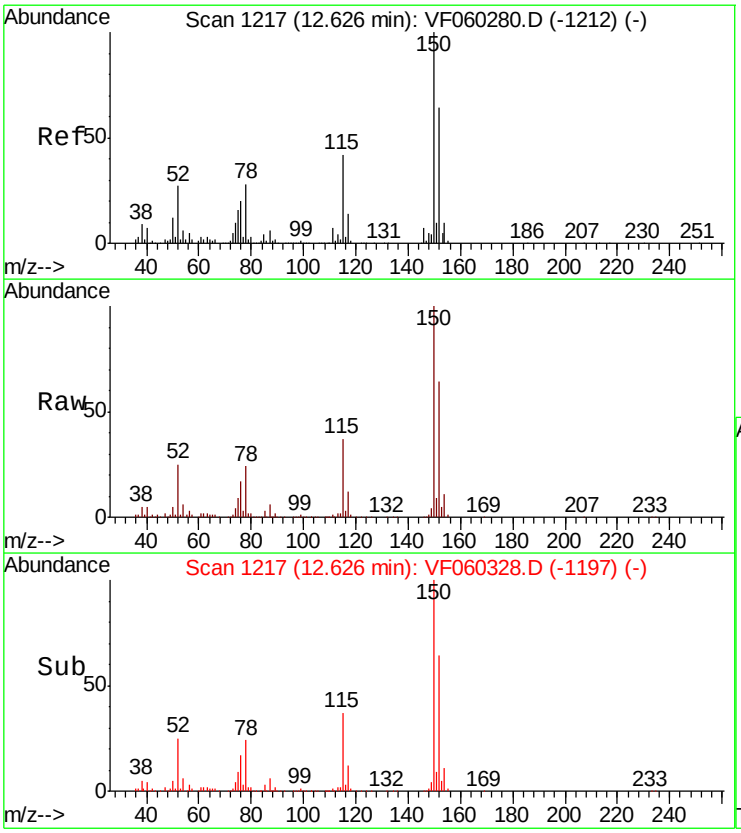
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion:117 Resp: 372415

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.2	69.2
119	32.2	27.8	41.6

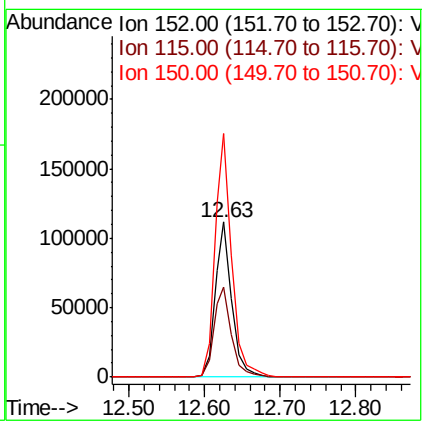


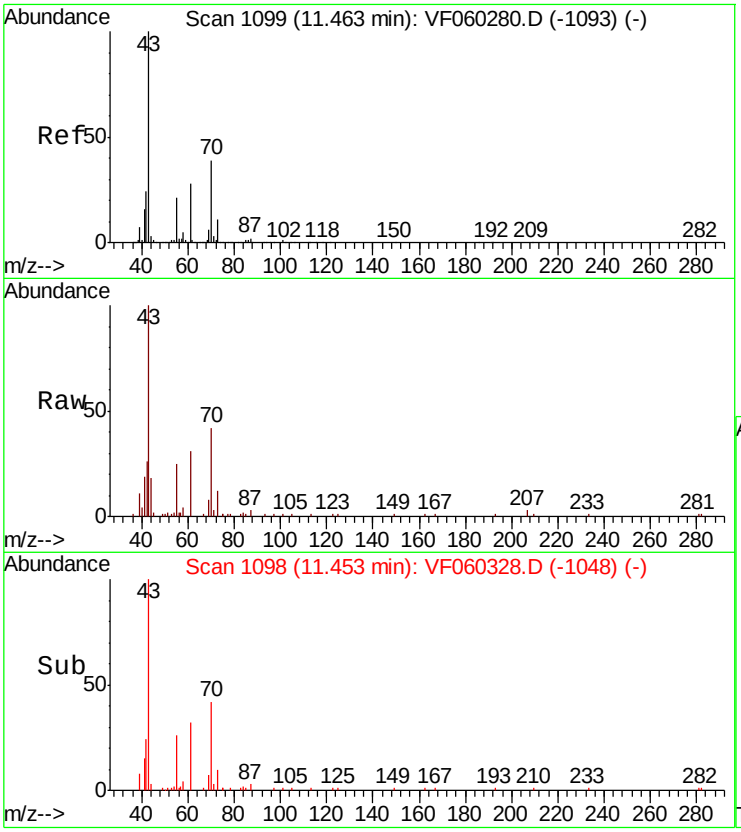


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion:152 Resp: 171025

Ion	Ratio	Lower	Upper
152	100		
115	58.4	32.6	97.8
150	157.4	0.0	314.2



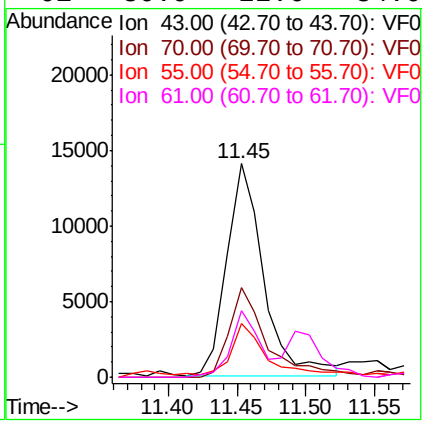


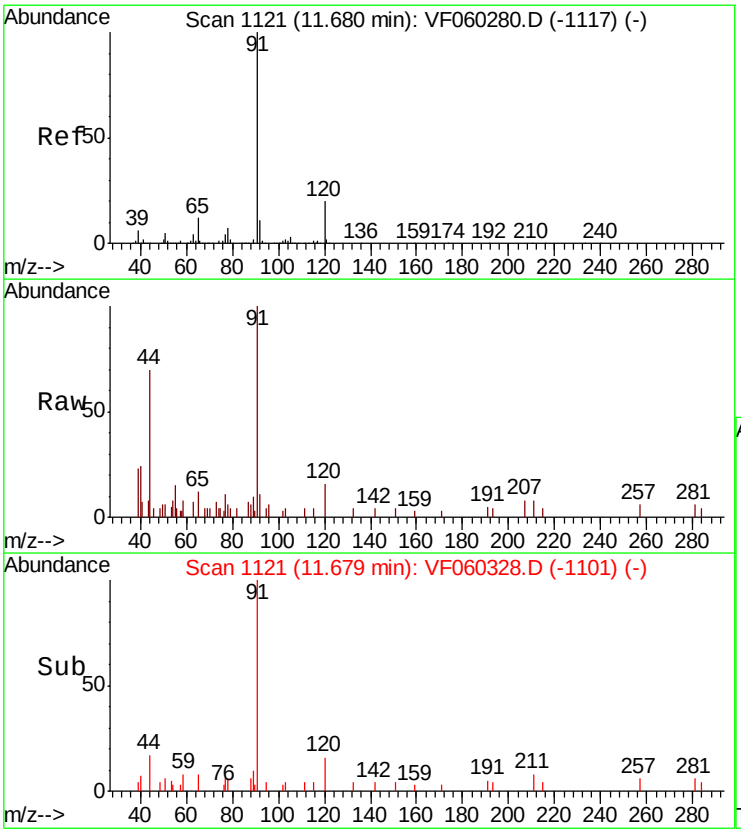
#74
N-amyl acetate
Concen: 8.028 ug/l
RT: 11.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion: 43 Resp: 26284

Ion	Ratio	Lower	Upper
43	100		
70	41.9	31.4	47.2
55	25.0	16.8	25.2
61	30.9	22.6	34.0

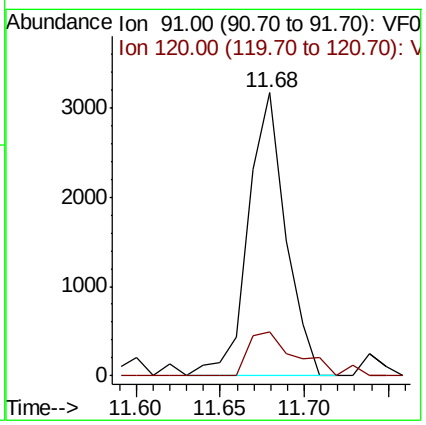


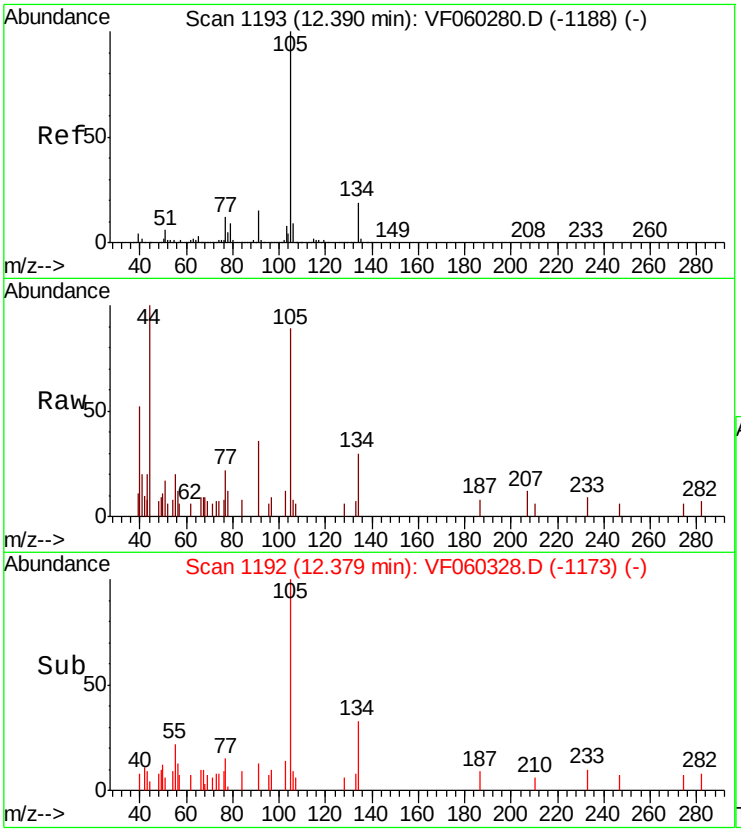


#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 91 Resp: 4888

Ion	Ratio	Lower	Upper
91	100		
120	15.6	10.0	29.8



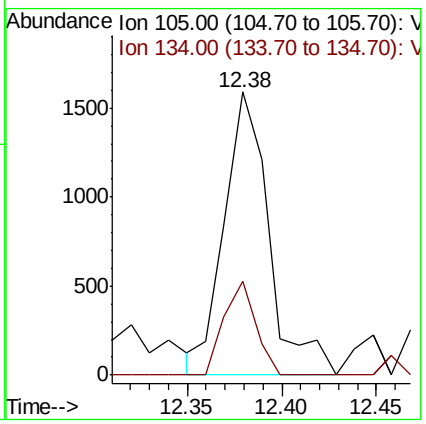


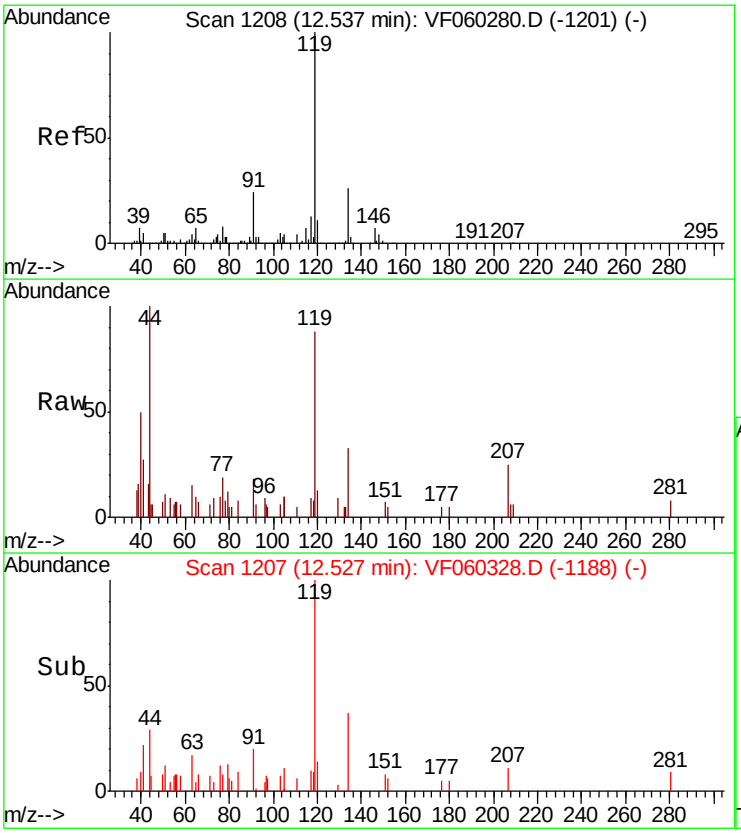
#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.38 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument : MSVOA_F
ClientSampleId : 230-KV-A

Tgt Ion:105 Resp: 2601

Ion	Ratio	Lower	Upper
105	100		
134	33.4	9.6	28.6#

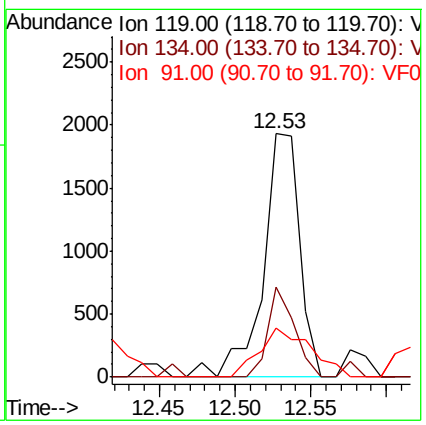


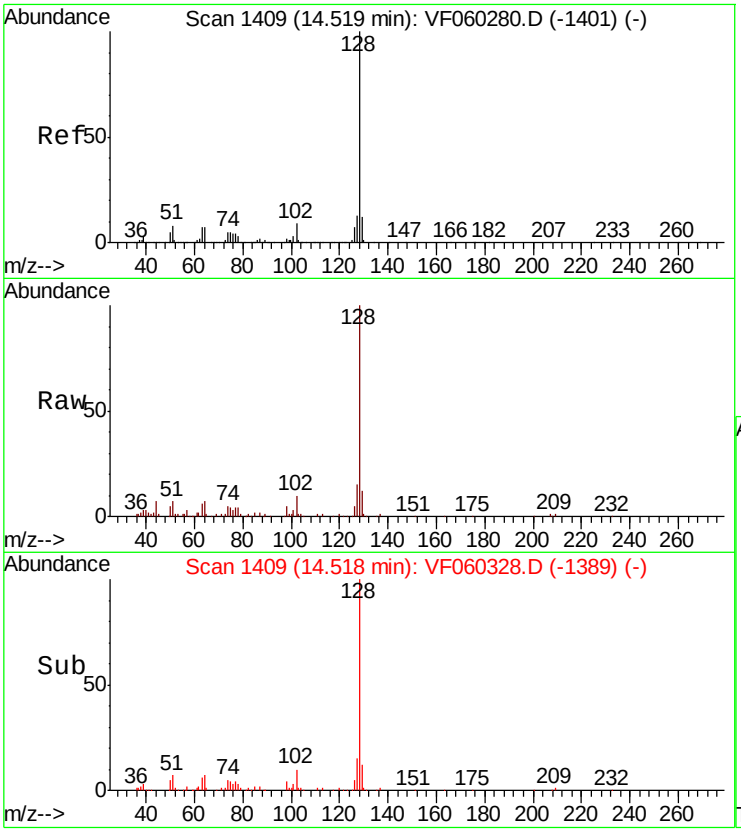


#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion:119 Resp: 3278

Ion	Ratio	Lower	Upper
119	100		
134	37.2	12.9	38.7
91	20.3	11.9	35.7





#95
Naphthalene
Concen: 5.788 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tgt Ion:128 Resp: 43505

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.1	15.1
129	11.9	9.8	14.8