Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100318\
Data File : VF060433.D
Acq On : 3 Oct 2018 23:46
Operator : VA/AP
Sample : J5198-07
Misc : 6.18/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-D

Quant Time: Oct 04 05:25:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	251732	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	428577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	322285	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	133984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	200379	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.74%			
35) Dibromofluoromethane	4.28	113	226723	56.31	ug/l	0.01
Spiked Amount 50.000			Recovery = 112.62%			
50) Toluene-d8	7.69	98	443663	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.48%			
62) 4-Bromofluorobenzene	11.50	95	169235	37.38	ug/l	0.01
Spiked Amount 50.000			Recovery = 74.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	430	Below Cal	#	56
8) Diethyl Ether	1.70	74	1625	1.437	ug/l	92
11) Tert butyl alcohol	2.64	59	368	1.545	ug/l #	1
13) Acrolein	2.01	56	664	3.465	ug/l	96
16) Acetone	2.26	43	807	Below Cal		96
18) Methyl Acetate	2.42	43	546	Below Cal	#	76
25) 2-Butanone	4.48	43	1784	1.749	ug/l #	60
29) Tetrahydrofuran	4.22	42	1436	Below Cal	#	52
49) 1,4-Dioxane	6.91	88	78	5.154	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	4310	2.476	ug/l #	77
56) Ethyl methacrylate	8.76	69	3721	1.450	ug/l #	84
58) 2-Chloroethyl Vinyl ether	7.78	63	1015	3.872	ug/l	100
59) 2-Hexanone	9.63	43	4240	3.321	ug/l	82
84) 1,2,4-Trimethylbenzene	12.28	105	14625	1.645	ug/l	91
95) Naphthalene	14.52	128	9040	1.591	ug/l #	86

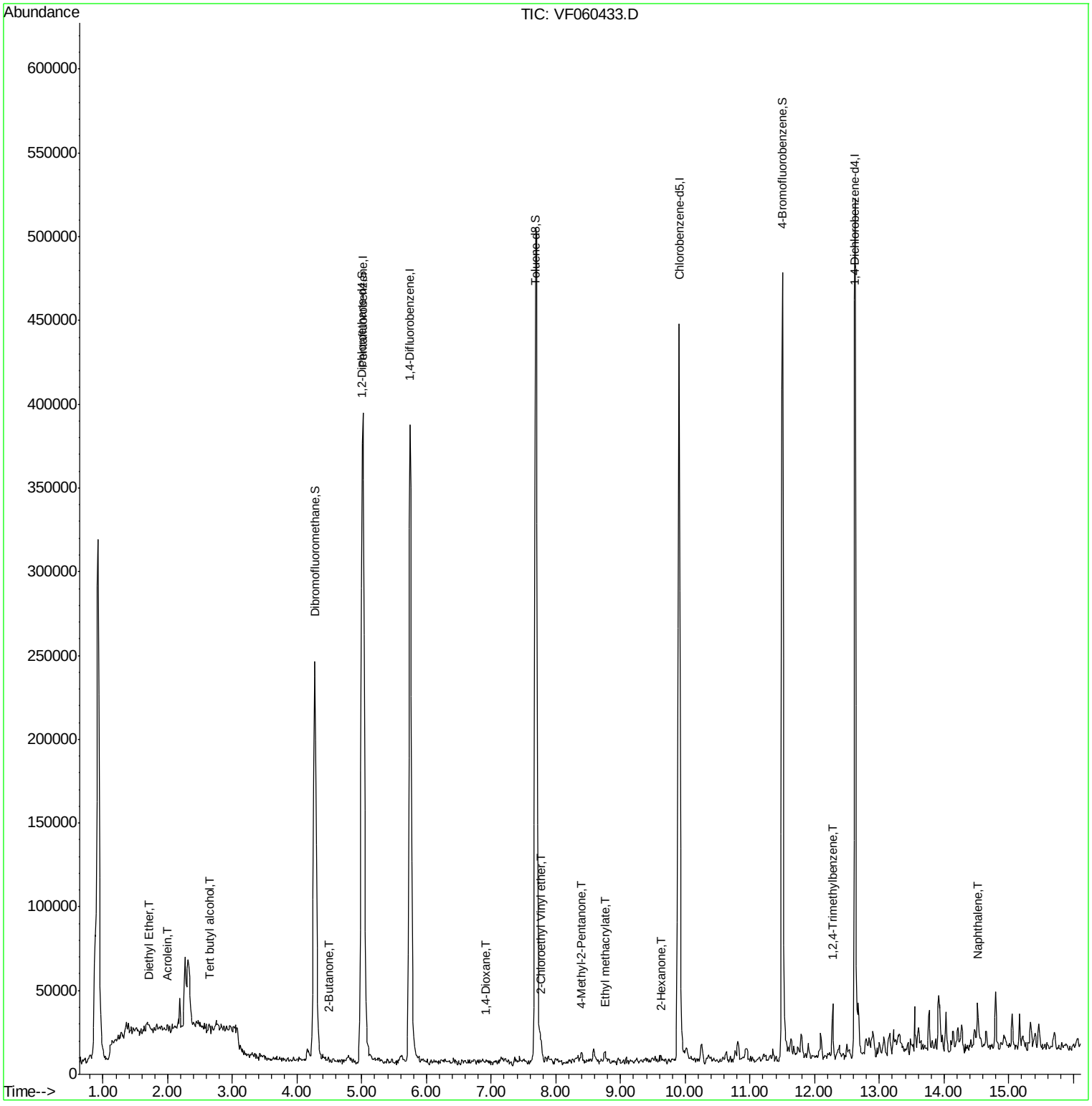
(#) = qualifier out of range (m) = manual integration (+) = signals summed

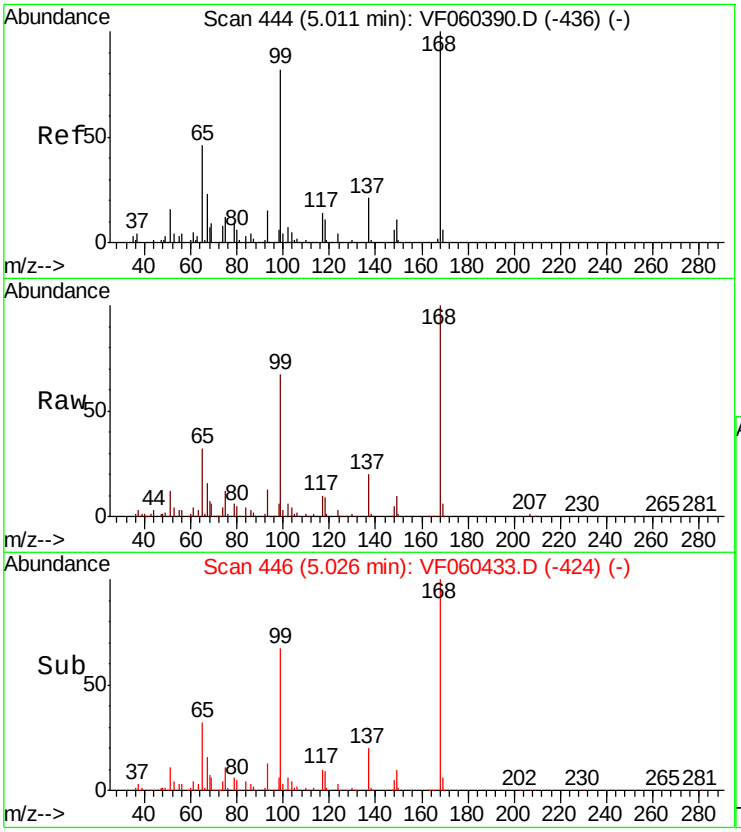
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060433.D
Acq On : 3 Oct 2018 23:46
Operator : VA/AP
Sample : J5198-07
Misc : 6.18/5mL/MSVOA F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Quant Time: Oct 04 05:25:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration



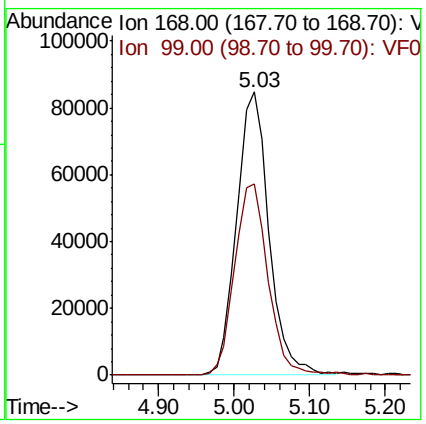


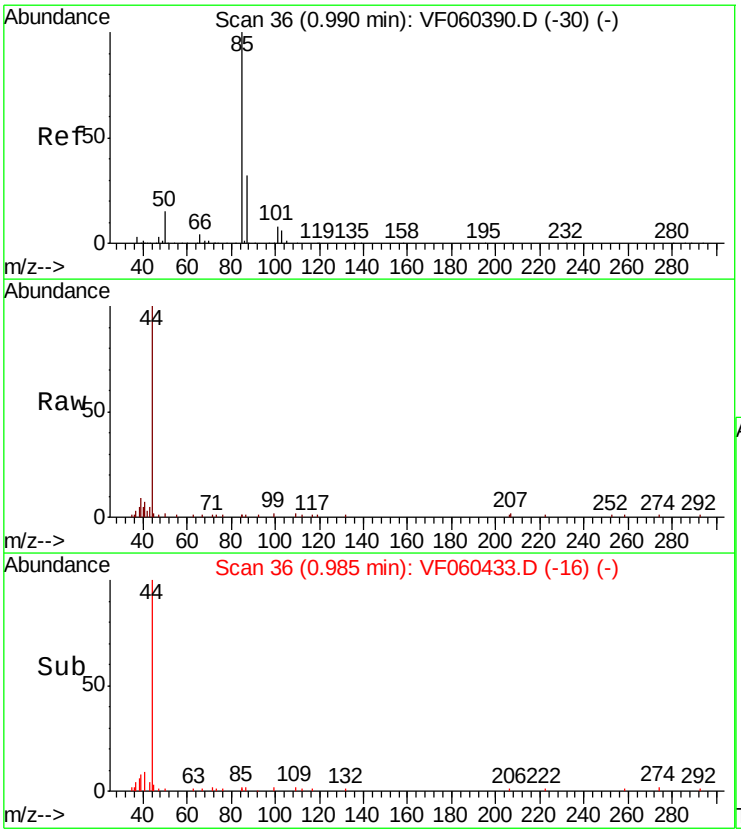
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Tgt Ion:168 Resp: 251732

Ion	Ratio	Lower	Upper
168	100		
99	67.5	65.3	97.9

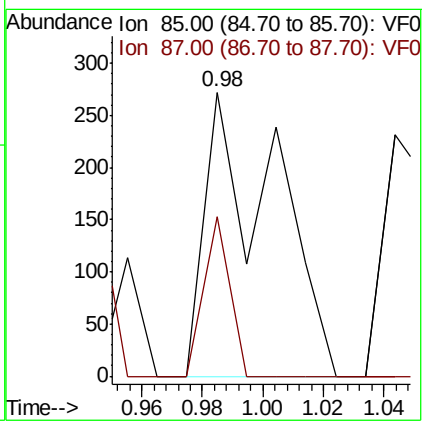


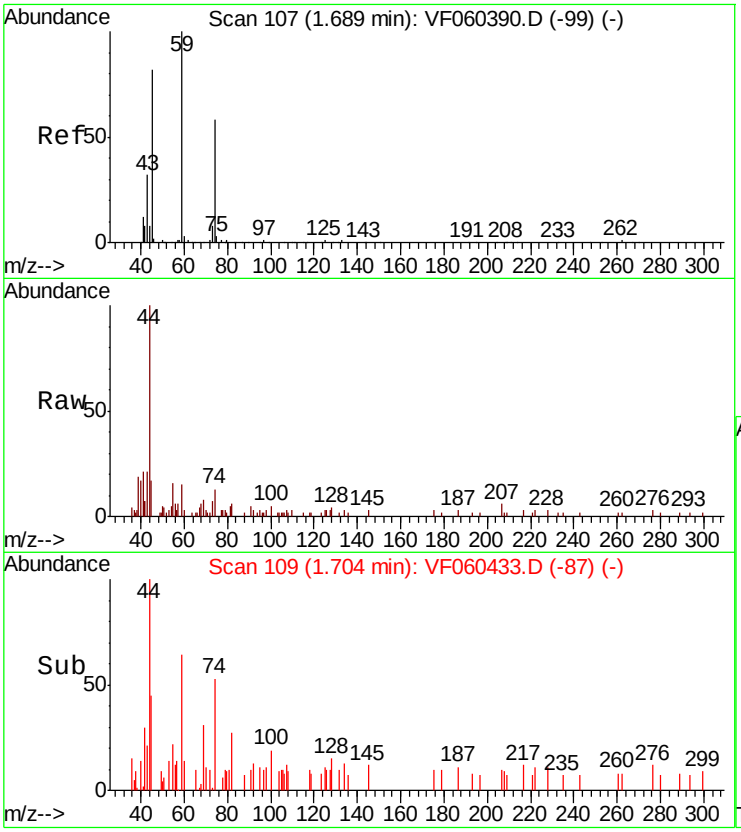


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 36
Delta R.T. -0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 85 Resp: 430

Ion	Ratio	Lower	Upper
85	100		
87	56.3	15.9	47.6#



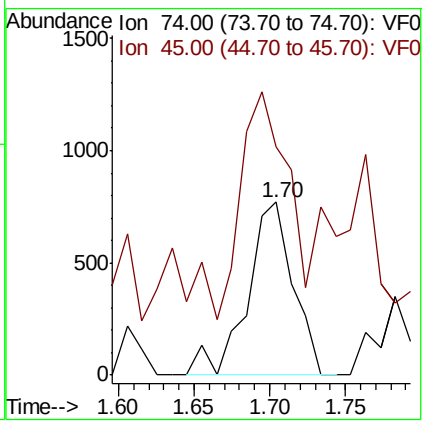


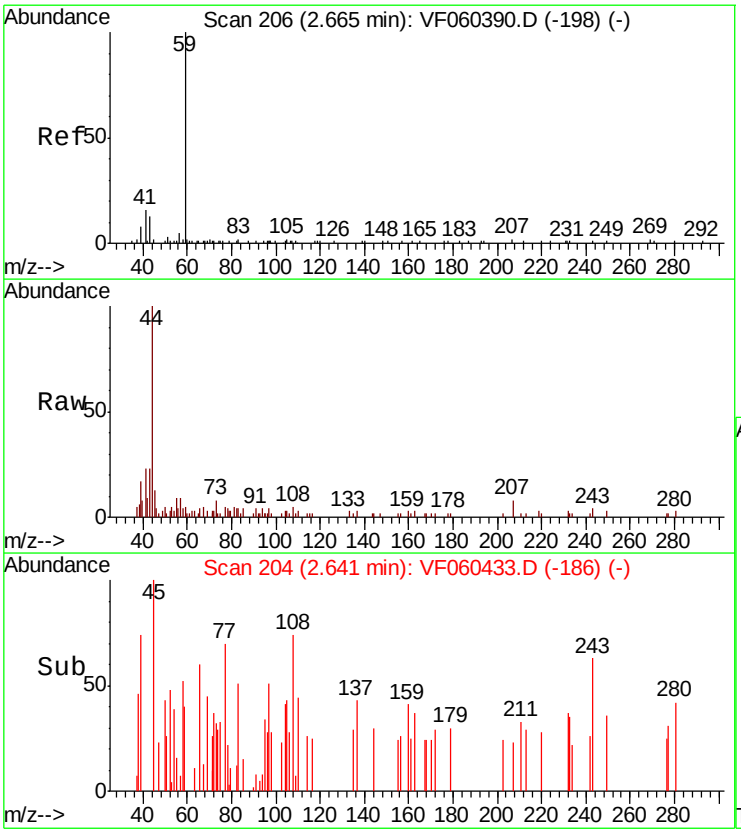
#8
Diethyl Ether
Concen: 1.437 ug/l
RT: 1.70 min Scan# 109
Delta R.T. 0.01 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-D

Tgt Ion: 74 Resp: 1625

Ion	Ratio	Lower	Upper
74	100		
45	132.3	71.3	213.8

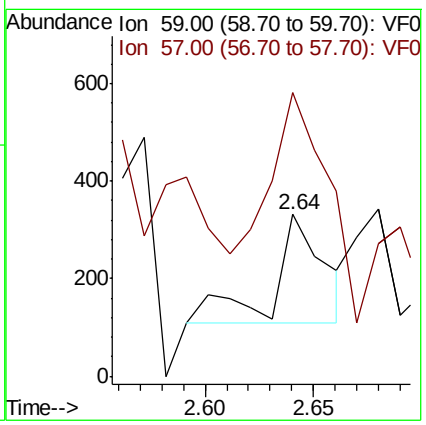


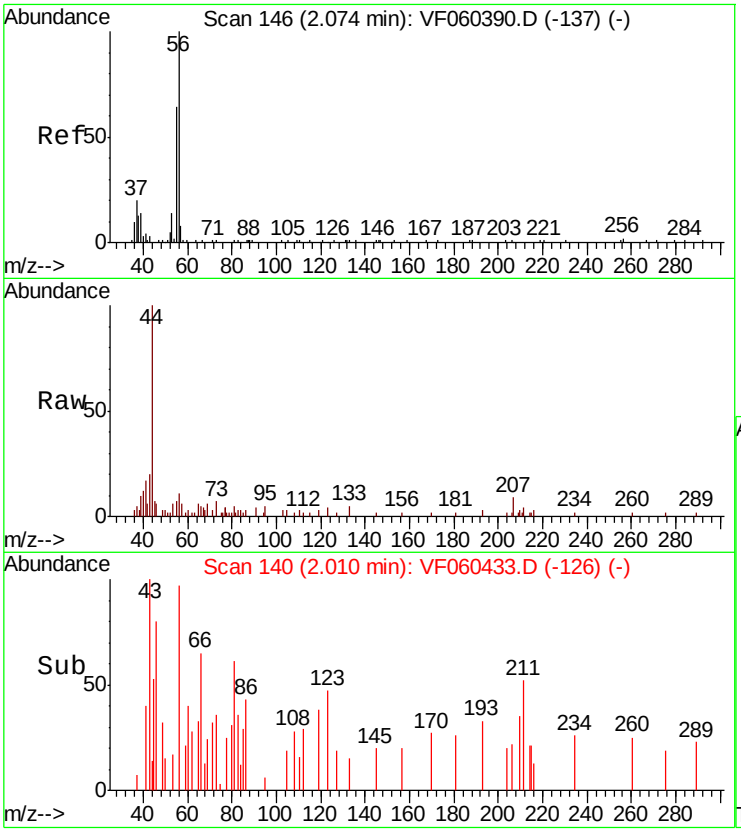


#11
Tert butyl alcohol
Concen: 1.545 ug/l
RT: 2.64 min Scan# 204
Delta R.T. -0.02 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 59 Resp: 368

Ion	Ratio	Lower	Upper
59	100		
57	175.0	6.5	9.7#



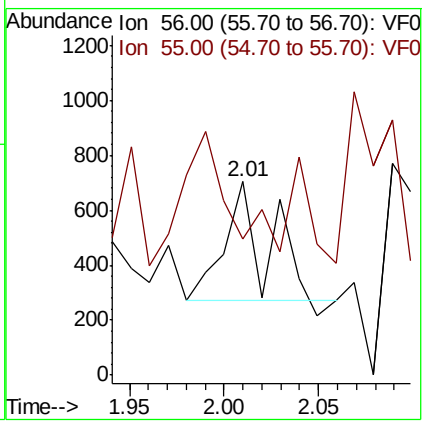


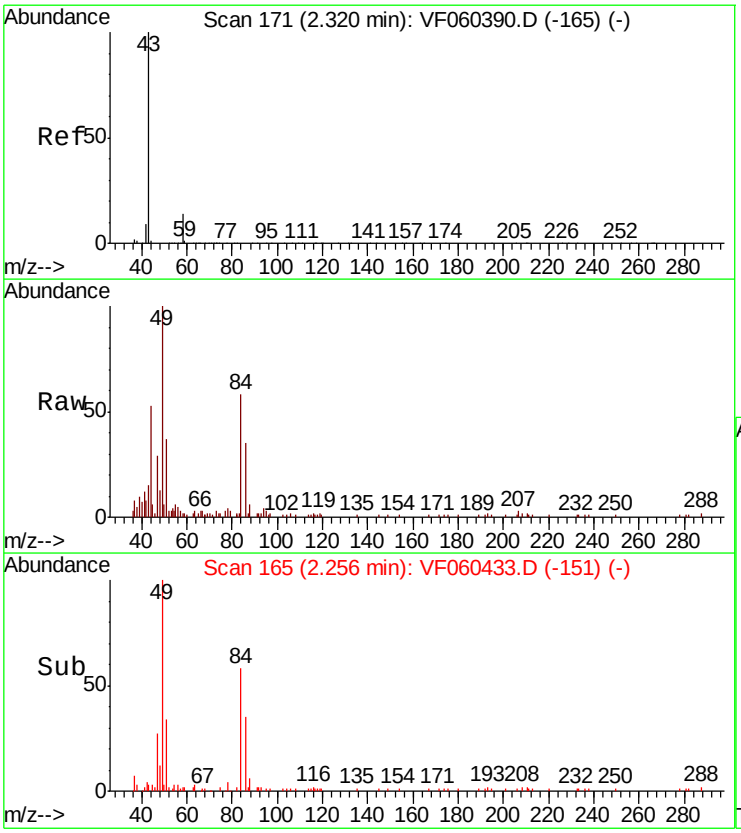
#13
Acrolein
Concen: 3.465 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.06 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-D

Tgt Ion: 56 Resp: 664

Ion	Ratio	Lower	Upper
56	100		
55	70.5	53.9	80.9

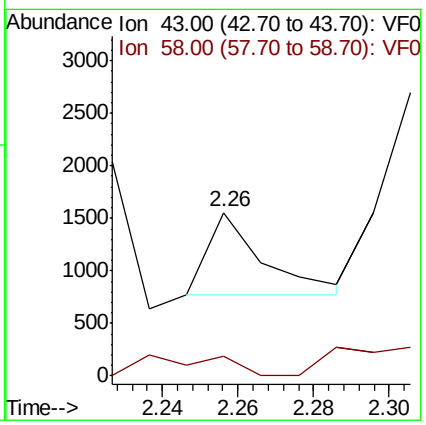


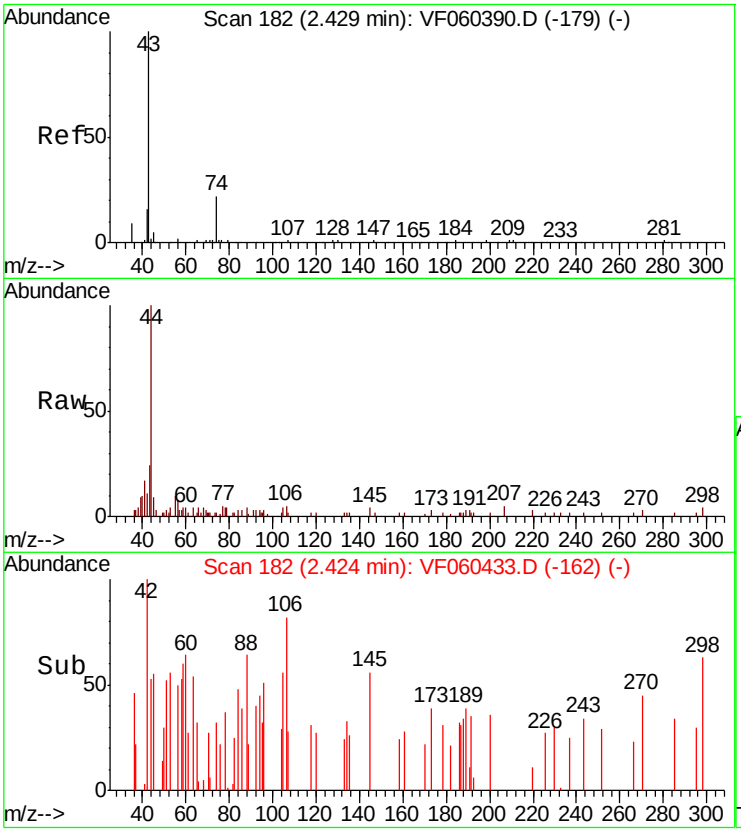


#16
Acetone
Concen: Below Cal
RT: 2.26 min Scan# 165
Delta R.T. -0.06 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 43 Resp: 807

Ion	Ratio	Lower	Upper
43	100		
58	12.4	11.2	16.8



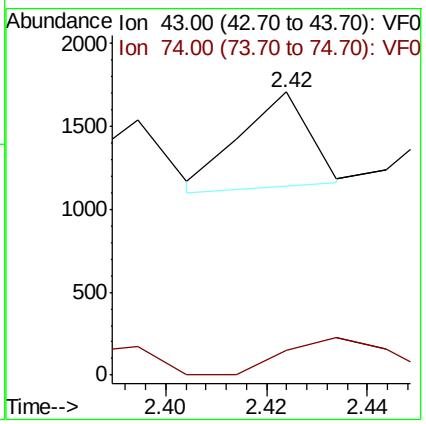


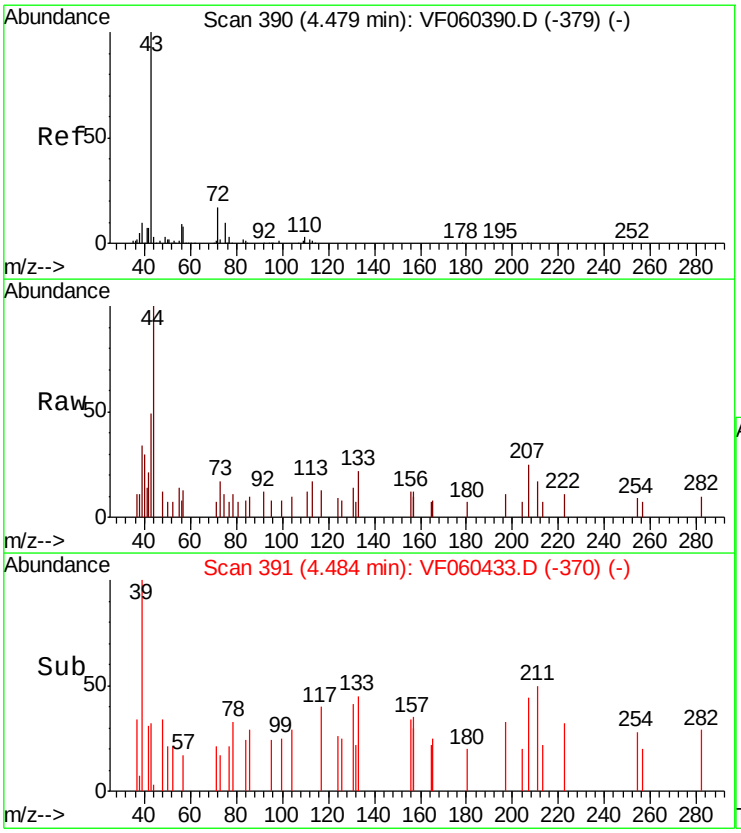
#18
Methyl Acetate
Concen: Below Cal
RT: 2.42 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-D

Tgt Ion: 43 Resp: 546

Ion	Ratio	Lower	Upper
43	100		
74	8.9	15.8	23.8#

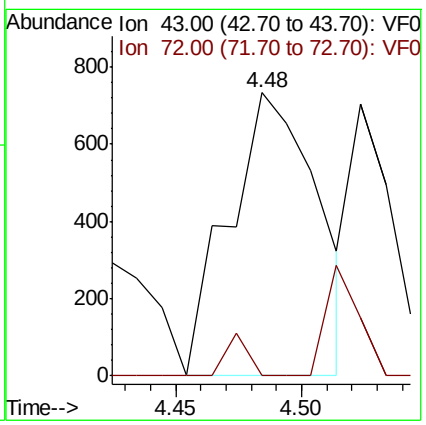


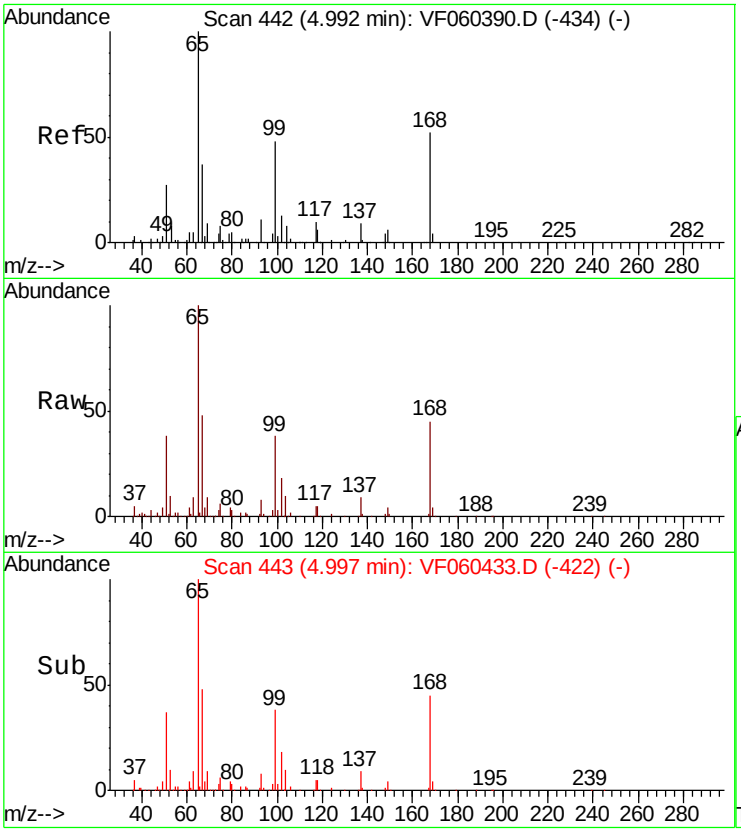


#25
2-Butanone
Concen: 1.749 ug/l
RT: 4.48 min Scan# 391
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 43 Resp: 1784

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#



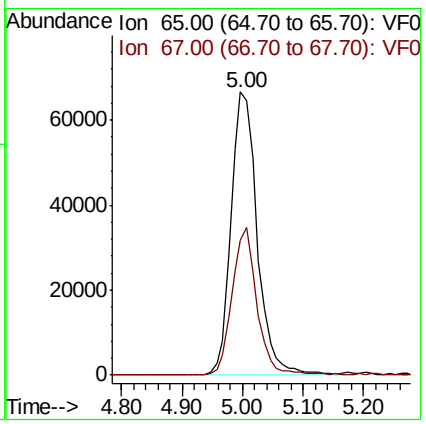


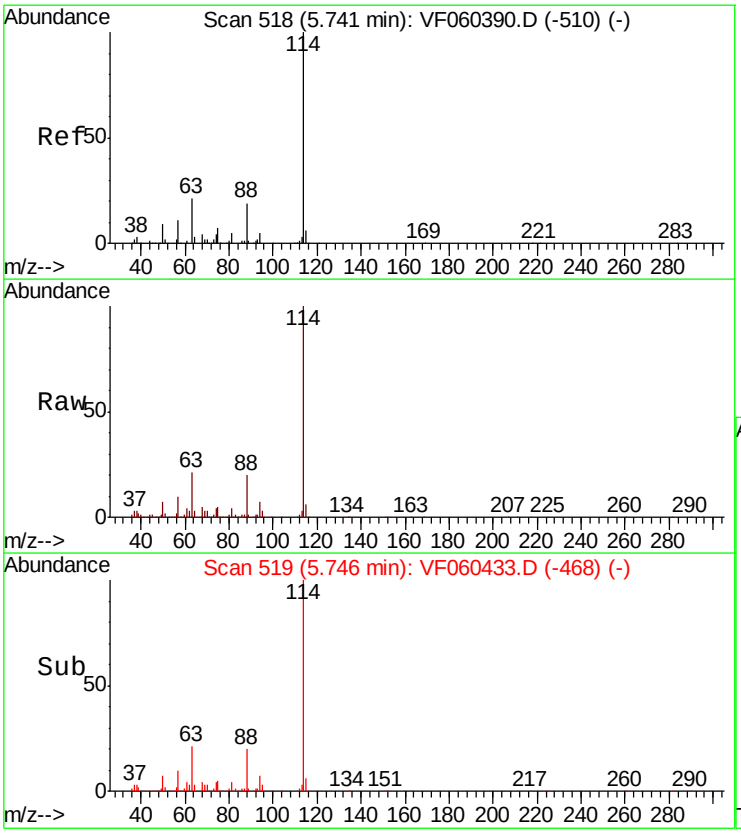
#33
1,2-Dichloroethane-d4
Concen: 50.870 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Tgt Ion: 65 Resp: 200379

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	89.4

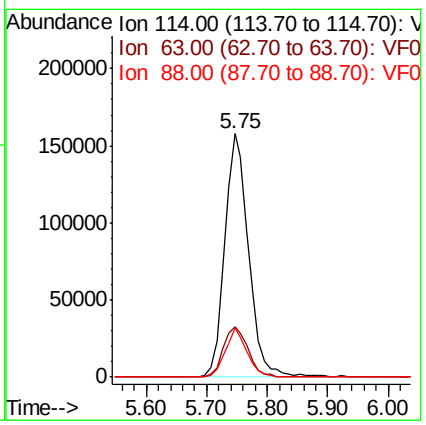


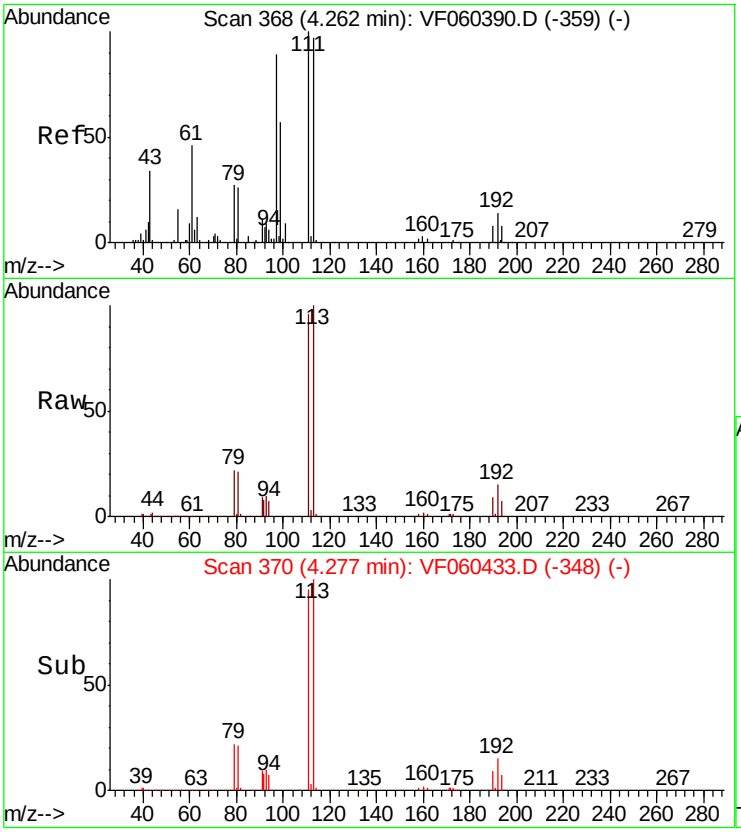


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion:114 Resp: 428577

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.2
88	20.4	0.0	38.8



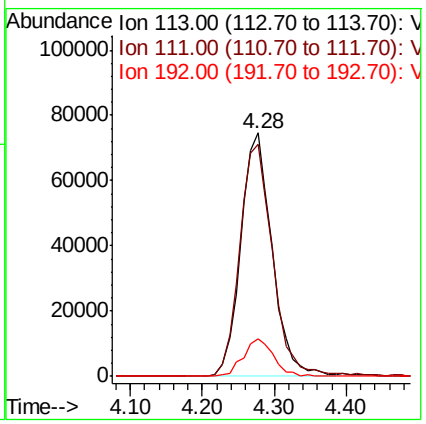


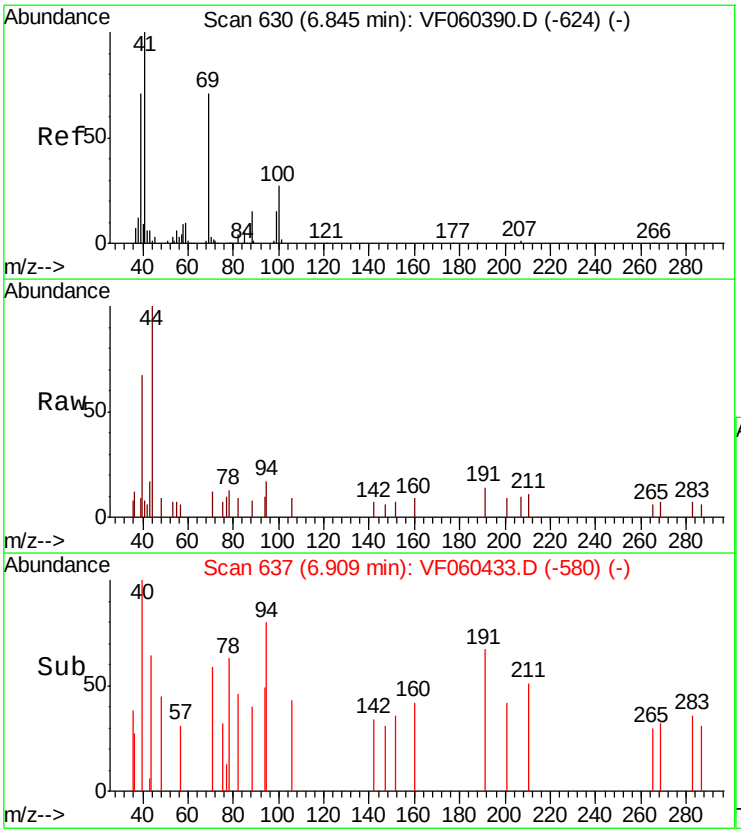
#35
Dibromofluoromethane
Concen: 56.312 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-D

Tgt Ion:113 Resp: 226723

Ion	Ratio	Lower	Upper
113	100		
111	95.6	82.3	123.5
192	15.3	11.8	17.6

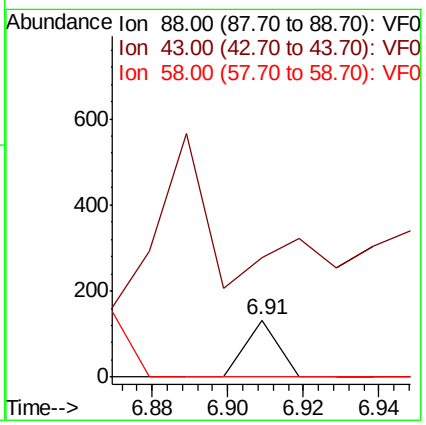


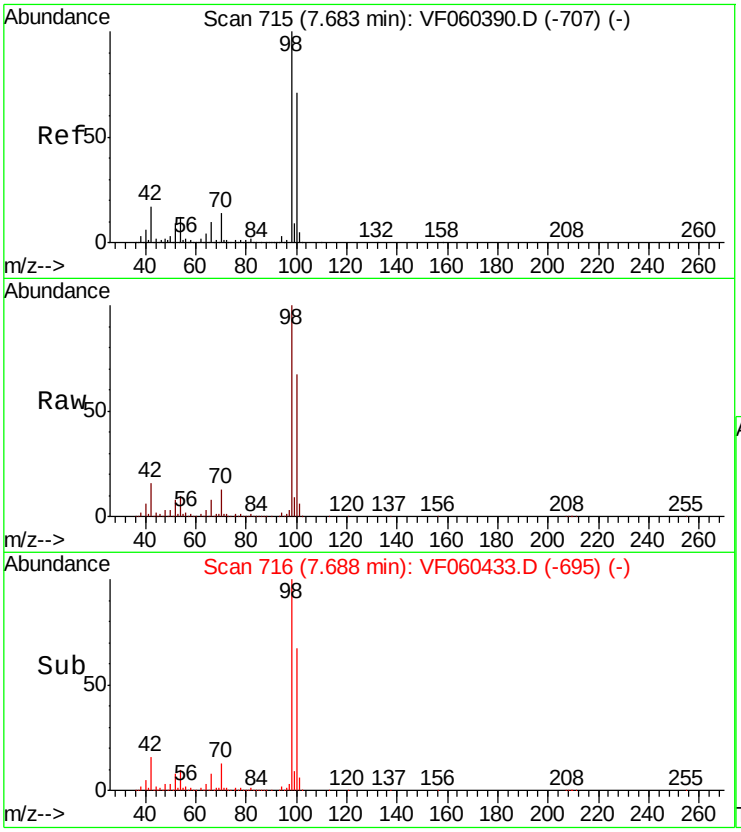


#49
1,4-Dioxane
Concen: 5.154 ug/l
RT: 6.91 min Scan# 637
Delta R.T. 0.06 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	209.8	38.3	57.5#
58	0.0	47.4	71.2#



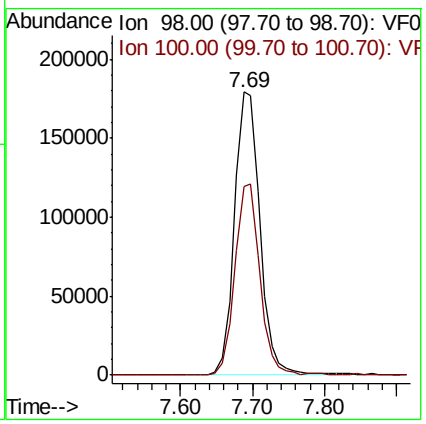


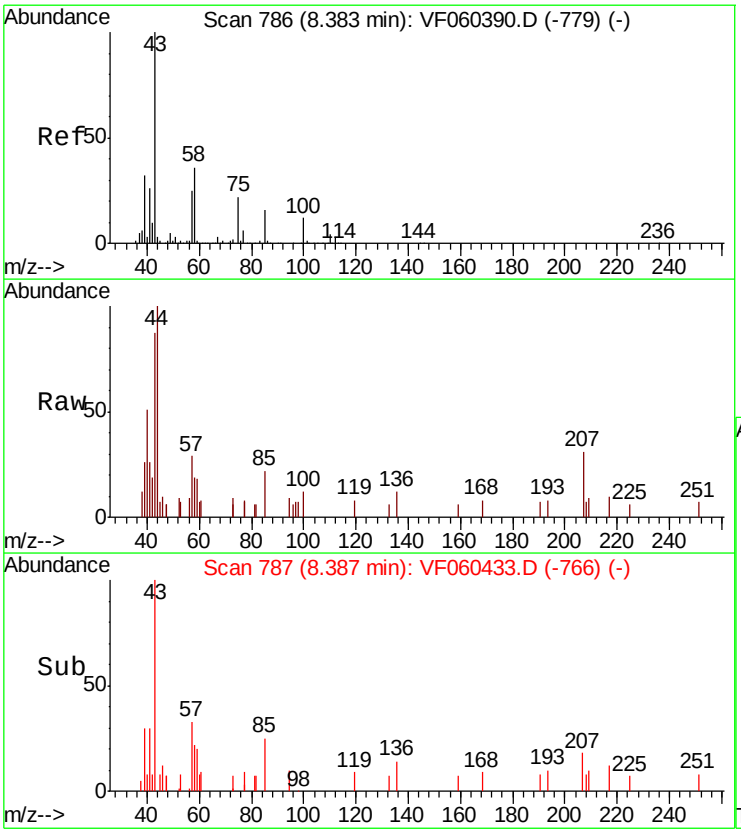
#50
Toluene-d8
Concen: 44.743 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Tgt Ion: 98 Resp: 443663

Ion	Ratio	Lower	Upper
98	100		
100	66.7	56.5	84.7

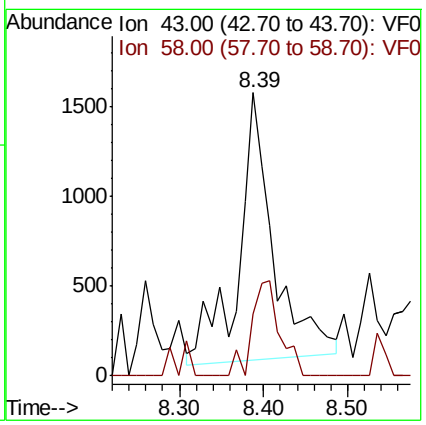


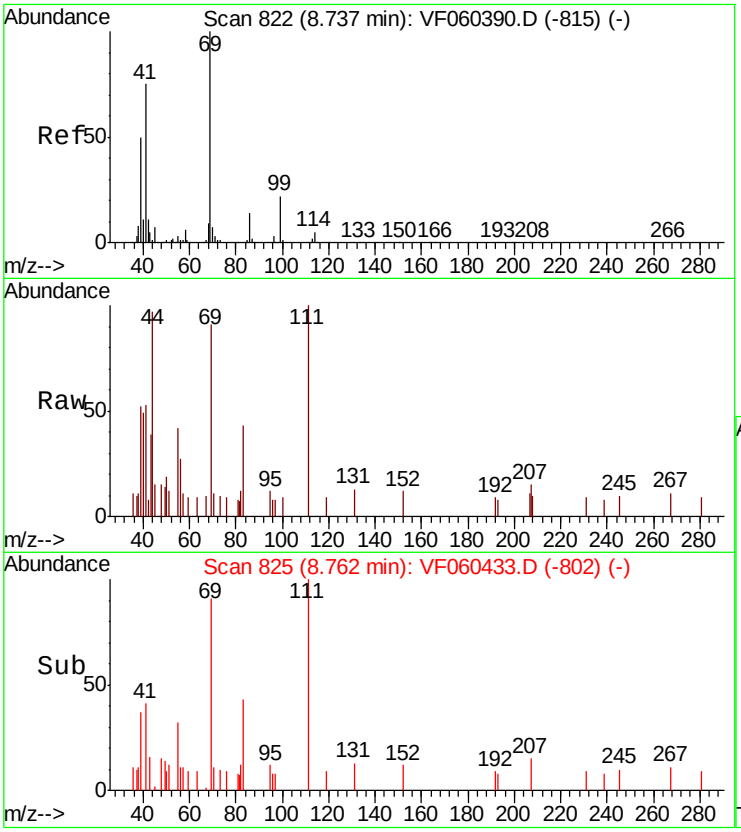


#51
4-Methyl-2-Pentanone
Concen: 2.476 ug/l
RT: 8.39 min Scan# 787
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 43 Resp: 4310

Ion	Ratio	Lower	Upper
43	100		
58	22.0	28.5	42.7#



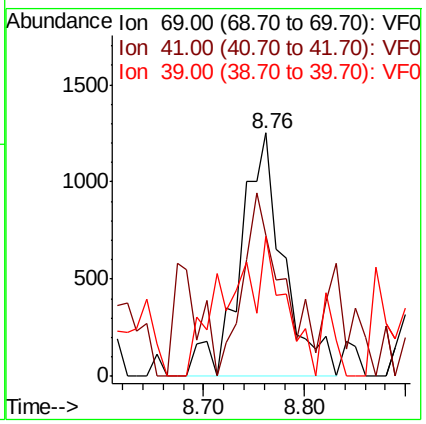


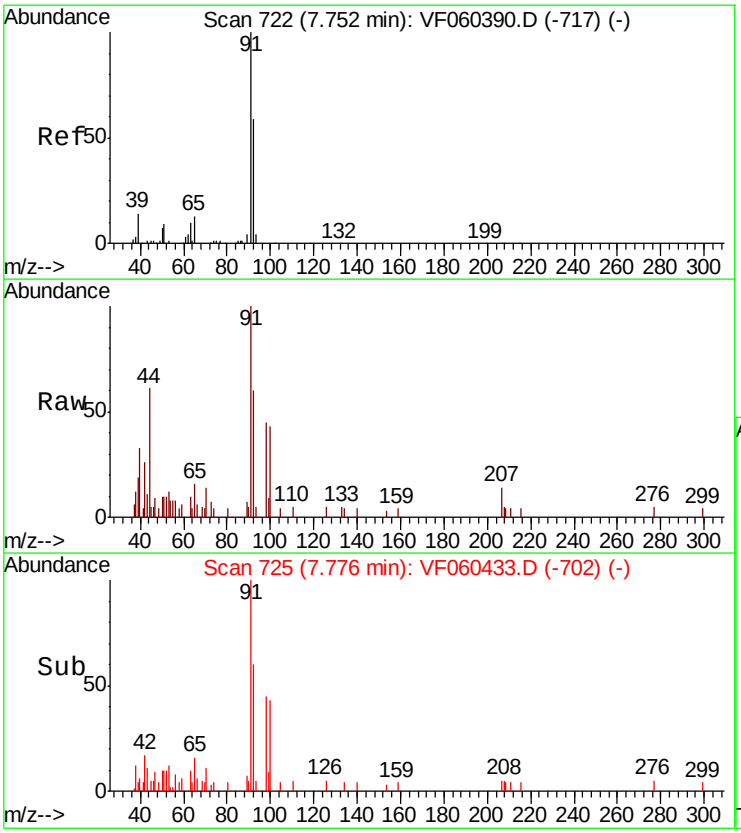
#56
Ethyl methacrylate
Concen: 1.450 ug/l
RT: 8.76 min Scan# 825
Delta R.T. 0.02 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Tgt Ion: 69 Resp: 3721

Ion	Ratio	Lower	Upper
69	100		
41	58.1	60.2	90.4#
39	57.4	40.2	60.2

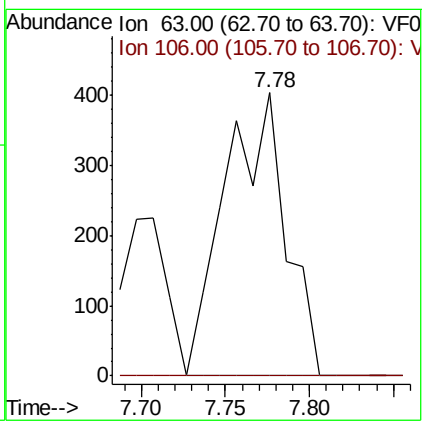


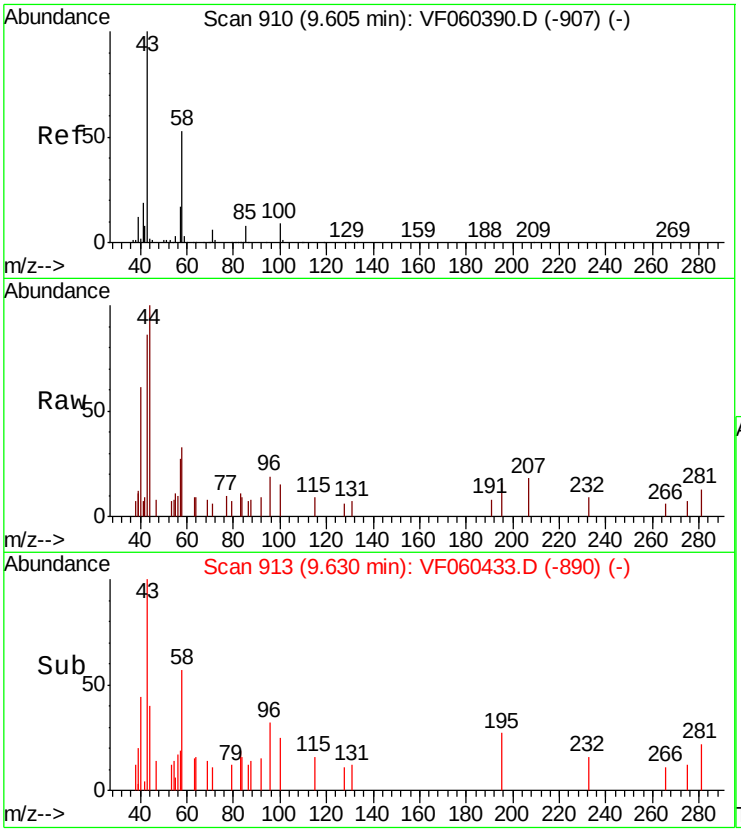


#58
2-Chloroethyl Vinyl ether
Concen: 3.872 ug/l
RT: 7.78 min Scan# 725
Delta R.T. 0.02 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 63 Resp: 1015

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



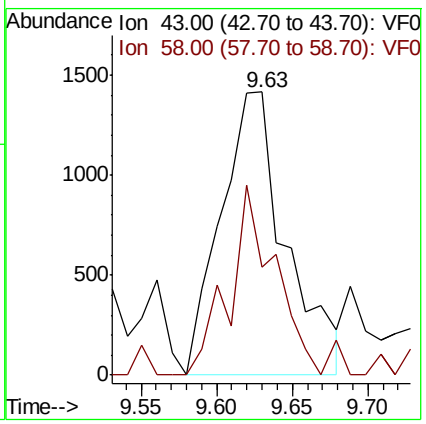


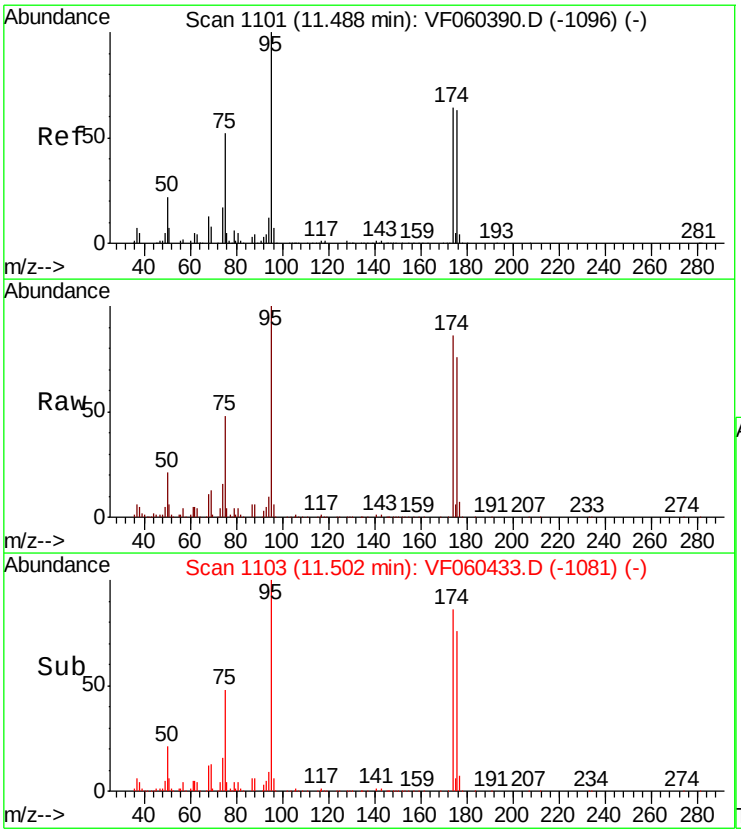
#59
2-Hexanone
Concen: 3.321 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.02 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Tgt Ion: 43 Resp: 4240

Ion	Ratio	Lower	Upper
43	100		
58	38.3	25.6	76.6

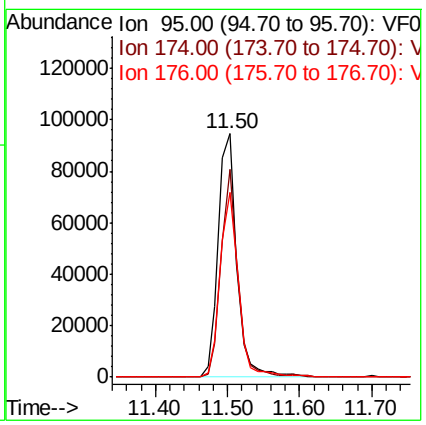


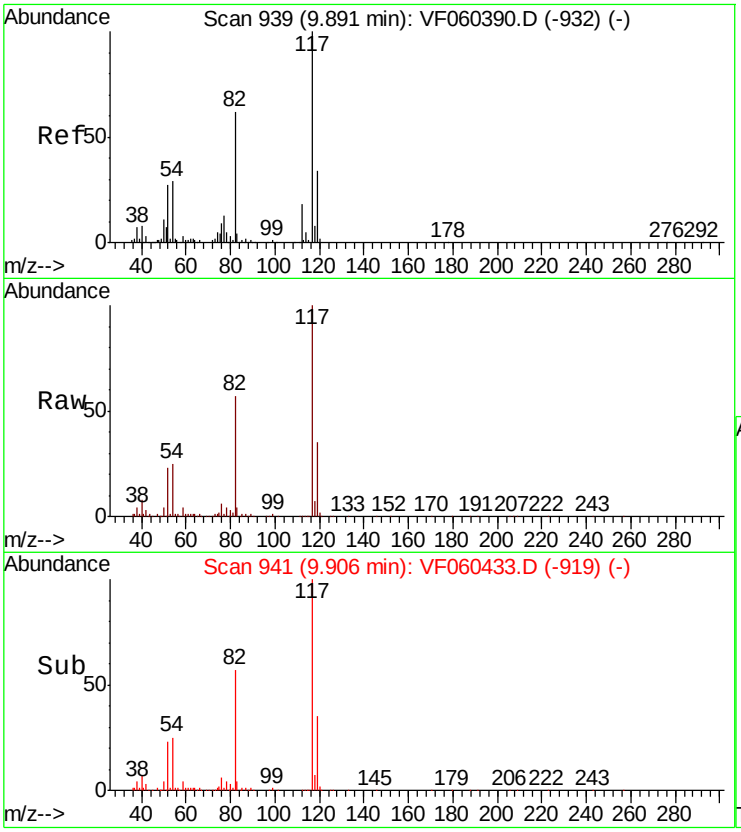


#62
4-Bromofluorobenzene
Concen: 37.379 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion: 95 Resp: 169235

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	129.0
176	75.6	0.0	125.6



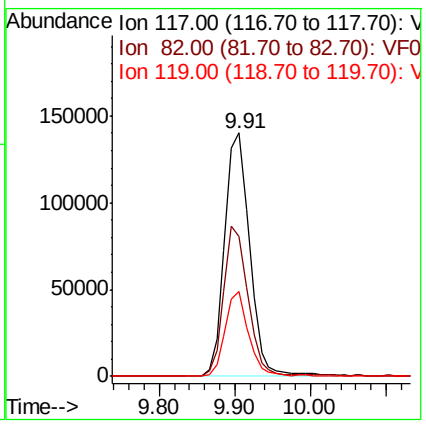


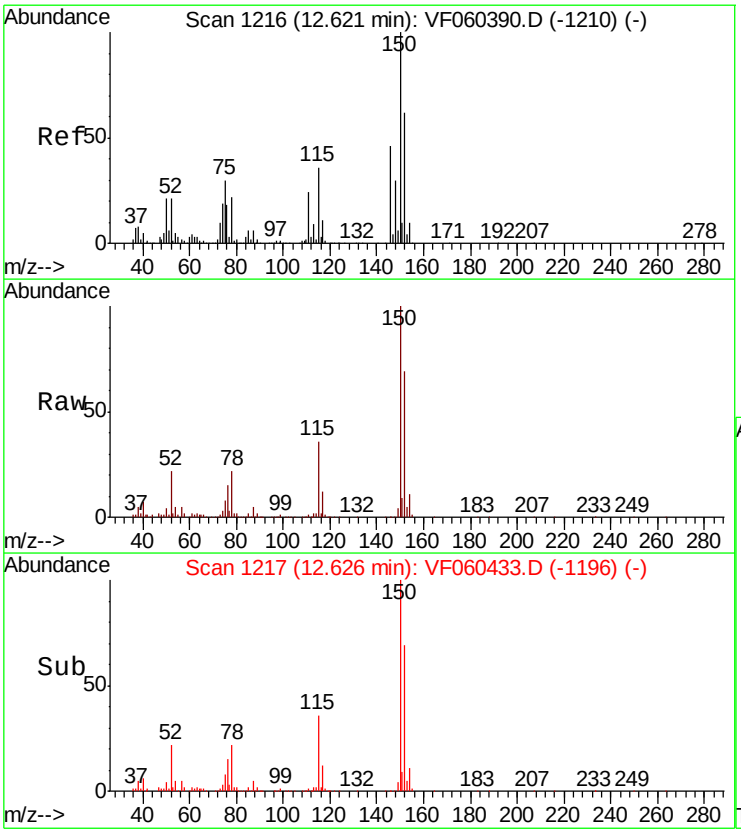
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-D

Tgt Ion:117 Resp: 322285

Ion	Ratio	Lower	Upper
117	100		
82	57.3	49.5	74.3
119	34.8	27.0	40.6

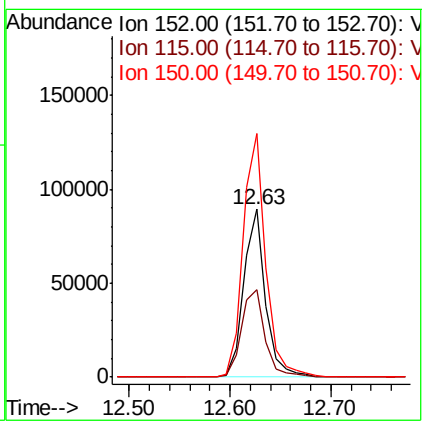


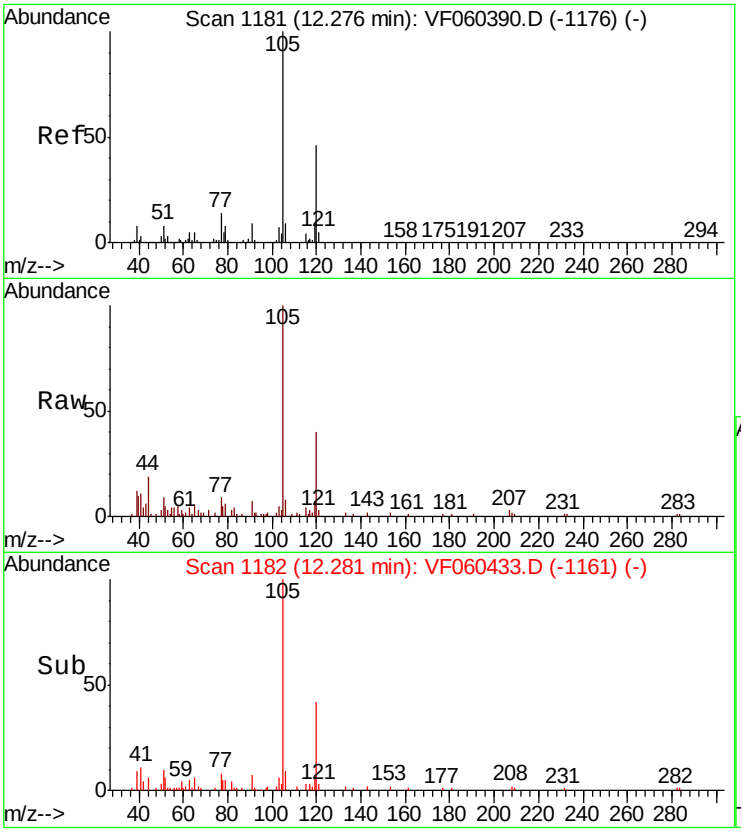


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion:152 Resp: 133984

Ion	Ratio	Lower	Upper
152	100		
115	51.7	28.6	85.8
150	144.9	0.0	324.6



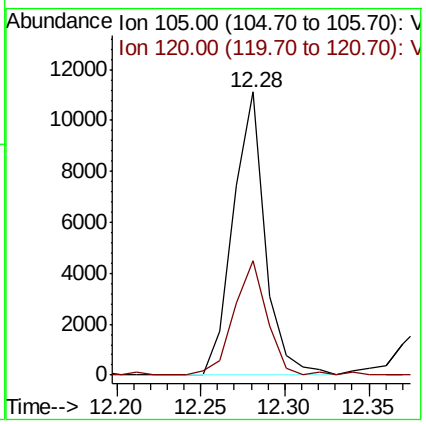


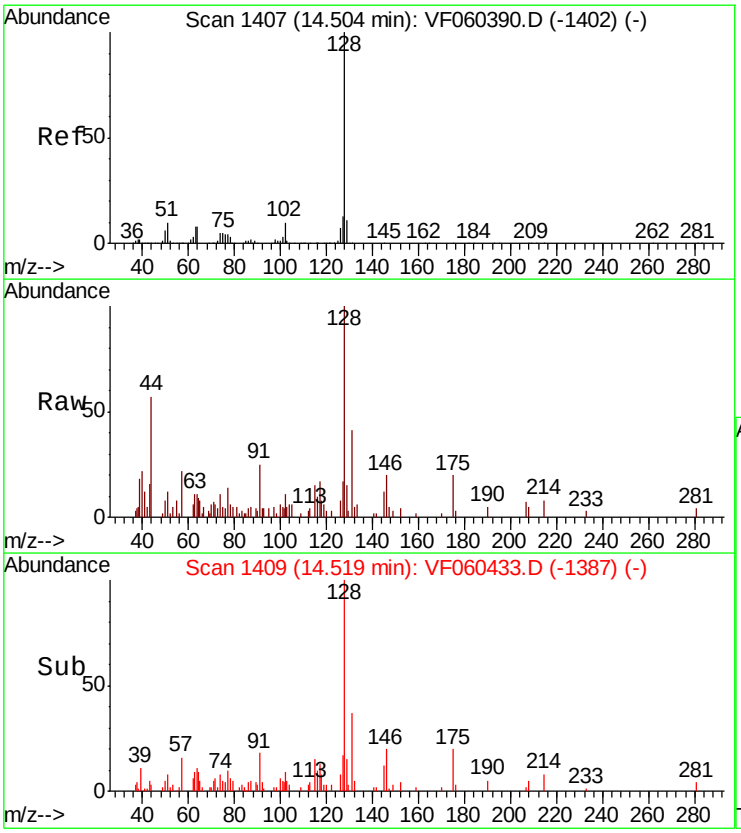
#84
1,2,4-Trimethylbenzene
Concen: 1.645 ug/l
RT: 12.28 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-D

Tgt Ion:105 Resp: 14625

Ion	Ratio	Lower	Upper
105	100		
120	40.2	23.1	69.2





#95
Naphthalene
Concen: 1.591 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.01 min
Lab File: VF060433.D
Acq: 3 Oct 2018 23:46

Tgt Ion:128 Resp: 9040

Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.0	15.0#
129	17.4	8.7	13.1#