Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100918\
Data File : VF060498.D
Acq On : 9 Oct 2018 19:34
Operator : VA/AP
Sample : VF1009SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1009SBL01

Quant Time: Oct 10 02:39:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100918S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 10 02:28:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	264480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	412548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	375536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	225321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	208992	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.22%			
35) Dibromofluoromethane	4.26	113	228740	60.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.48%			
50) Toluene-d8	7.68	98	489276	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.20%			
62) 4-Bromofluorobenzene	11.49	95	220540	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	625	Below Cal	#	42
11) Tert butyl alcohol	2.66	59	1877	8.931	ug/l #	82
13) Acrolein	2.08	56	1200	Below Cal	#	34
15) Acrylonitrile	3.04	53	618	1.397	ug/l #	76
16) Acetone	2.33	43	7562	Below Cal		97
18) Methyl Acetate	2.47	43	5374	1.419	ug/l #	80
20) Methylene Chloride	2.32	84	3220	1.055	ug/l #	76
25) 2-Butanone	4.48	43	2541	2.656	ug/l #	58
37) Ethyl Acetate	4.16	43	5104	3.011	ug/l #	44
39) Methylcyclohexane	5.73	83	5100	1.129	ug/l #	38
43) Isopropyl Acetate	7.08	43	2395	1.134	ug/l #	94
48) Methyl methacrylate	6.84	41	1438	1.005	ug/l #	84
49) 1,4-Dioxane	6.66	88	139	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.38	43	9043	6.136	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.70	63	370	1.650	ug/l	100
59) 2-Hexanone	9.60	43	13103	12.292	ug/l	78
74) N-amyl acetate	11.45	43	6611	1.813	ug/l #	83

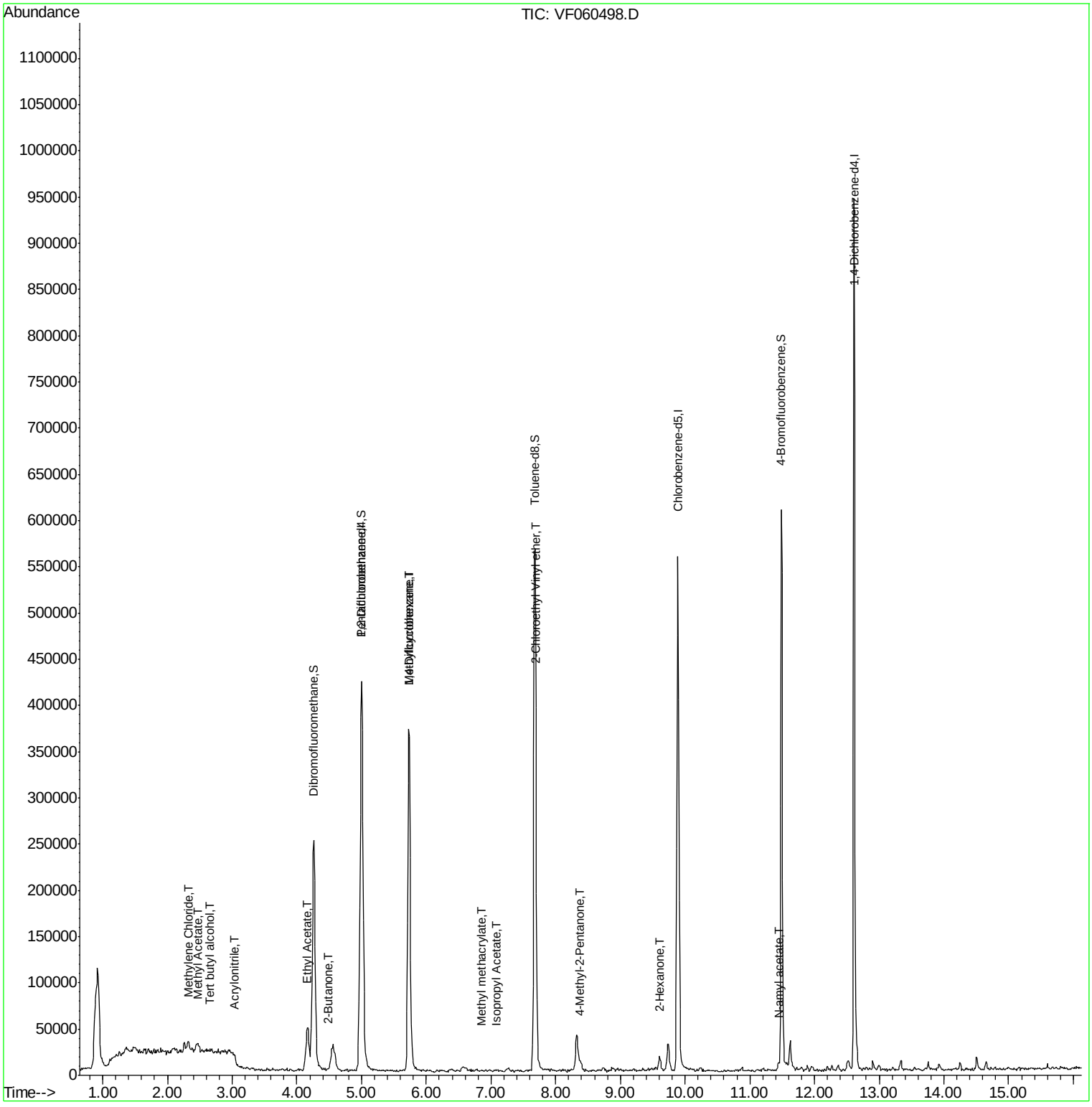
(#) = qualifier out of range (m) = manual integration (+) = signals summed

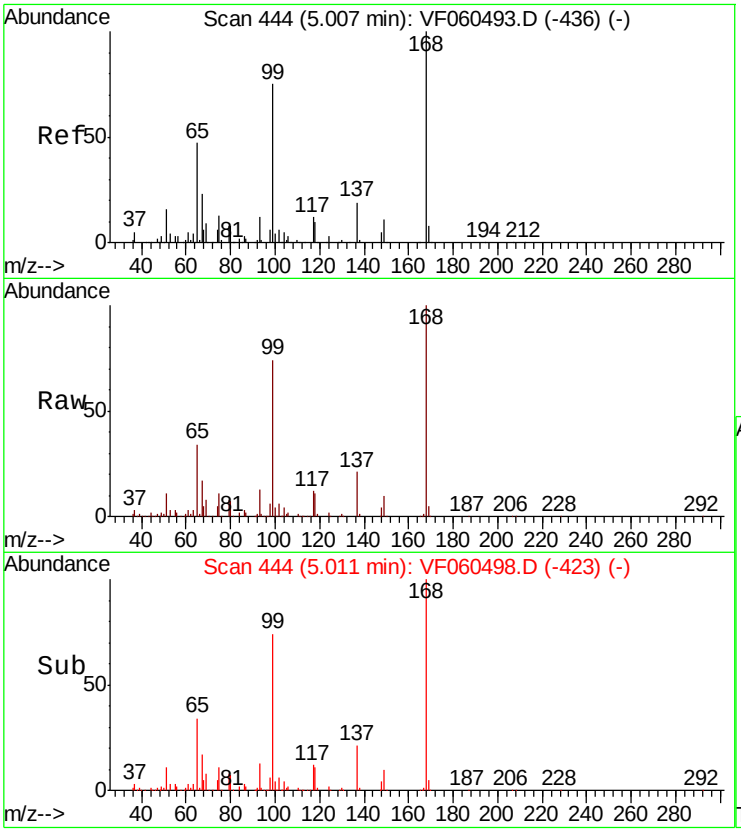
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100918\
Data File : VF060498.D
Acq On : 9 Oct 2018 19:34
Operator : VA/AP
Sample : VF1009SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Quant Time: Oct 10 02:39:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100918S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 10 02:28:46 2018
Response via : Initial Calibration



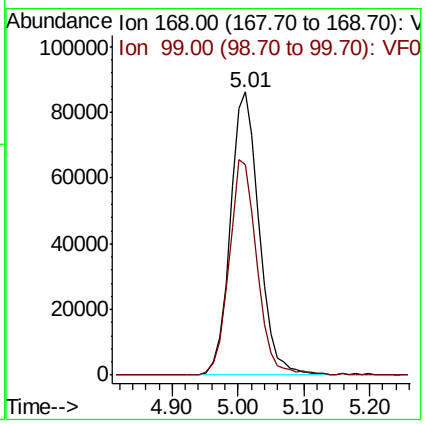


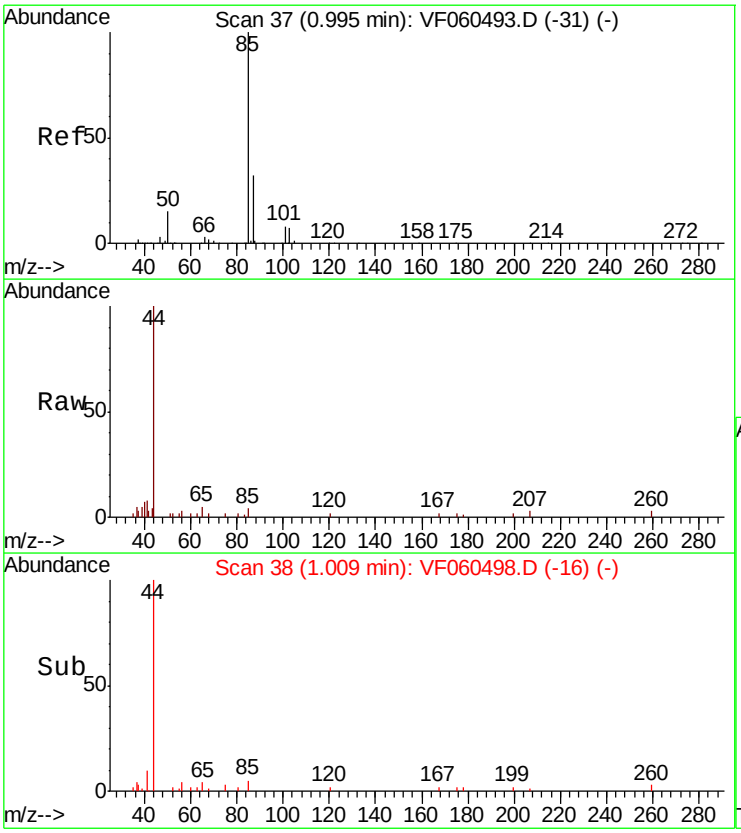
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 444
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion:168 Resp: 264480

Ion	Ratio	Lower	Upper
168	100		
99	74.1	60.3	90.5

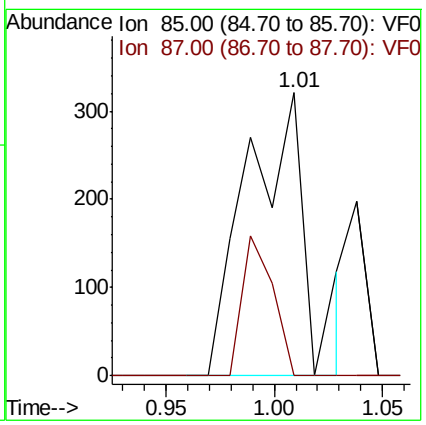


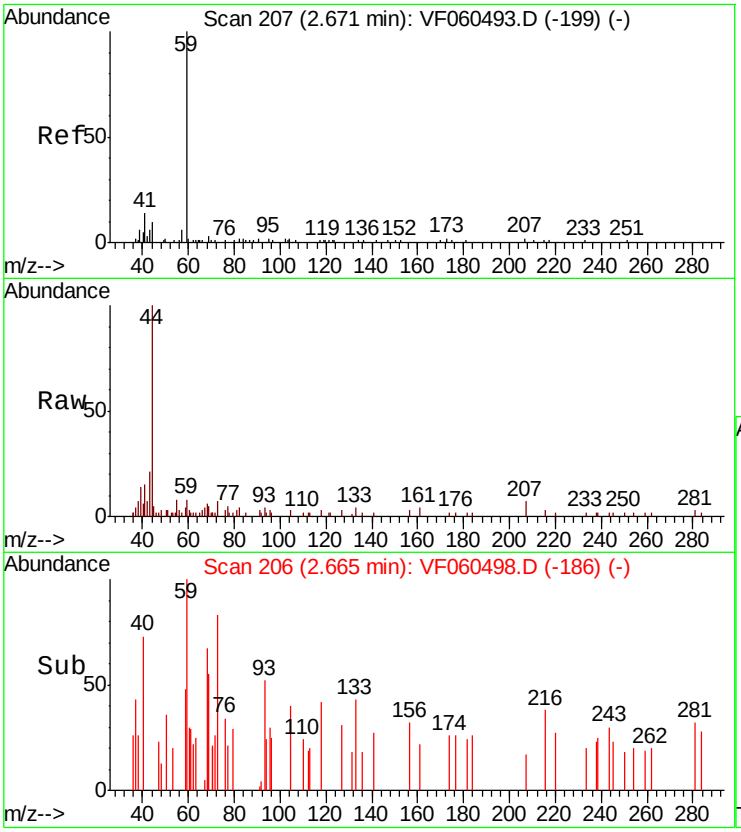


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.01 min Scan# 38
Delta R.T. 0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 85 Resp: 625

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



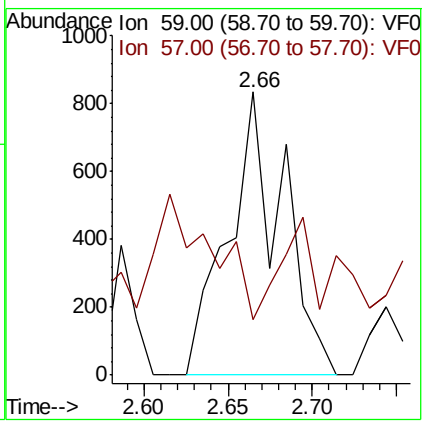


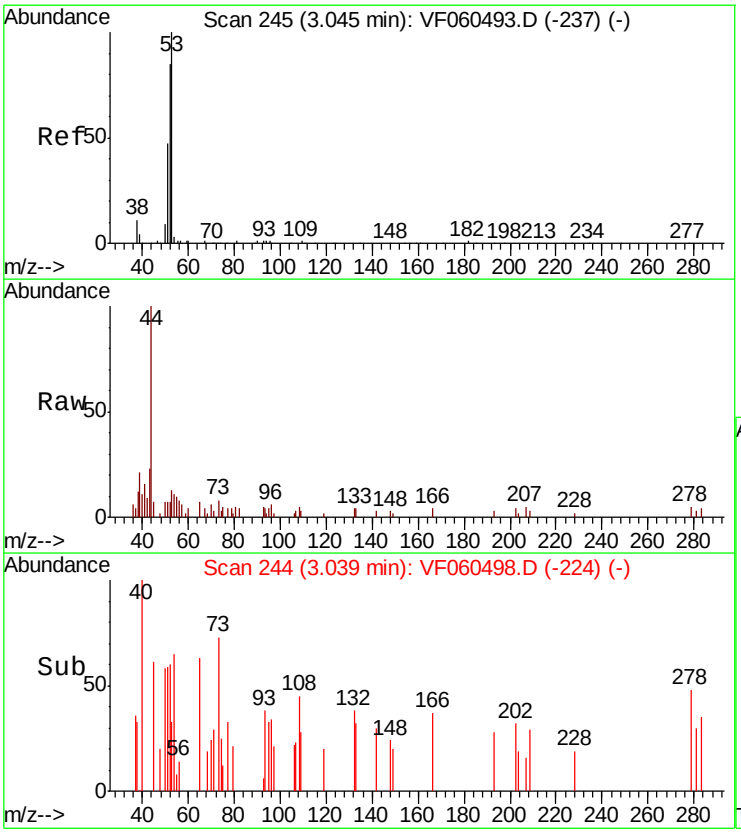
#11
Tert butyl alcohol
Concen: 8.931 ug/l
RT: 2.66 min Scan# 206
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion: 59 Resp: 1877

Ion	Ratio	Lower	Upper
59	100		
57	19.7	10.2	15.2#

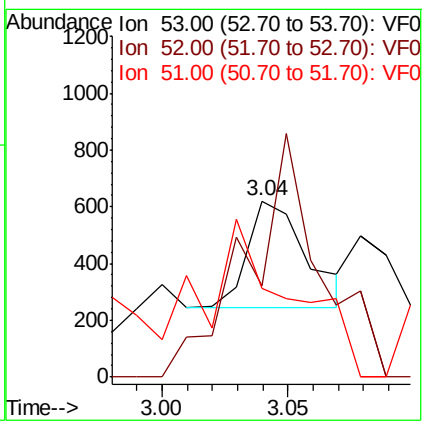


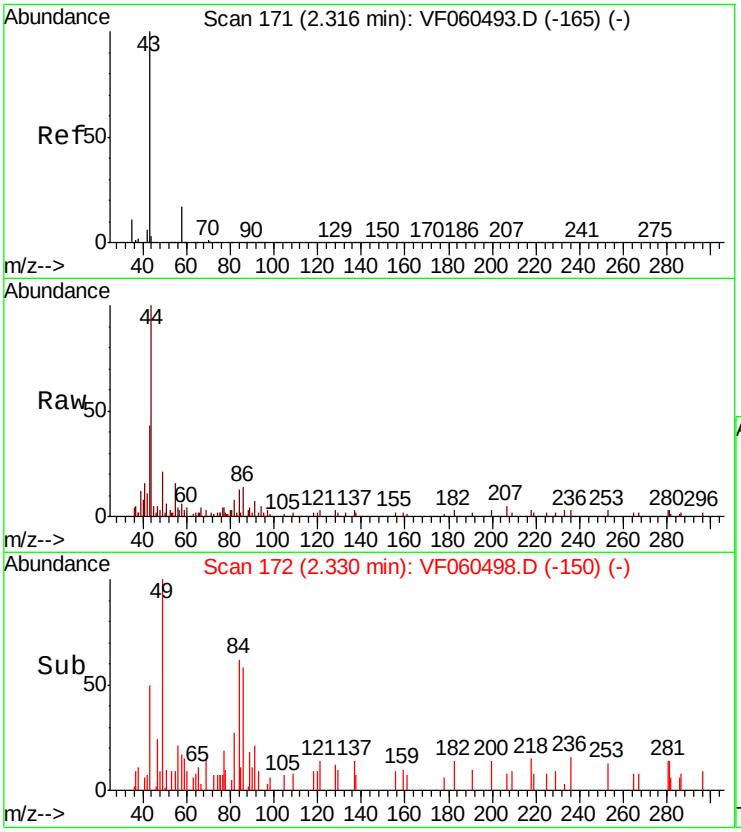


#15
Acrylonitrile
Concen: 1.397 ug/l
RT: 3.04 min Scan# 244
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 53 Resp: 618

Ion	Ratio	Lower	Upper
53	100		
52	51.5	67.5	101.3#
51	50.4	38.2	57.4



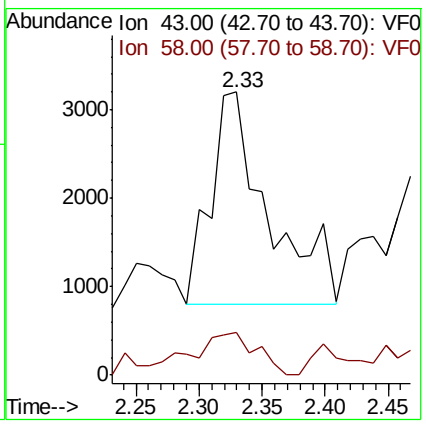


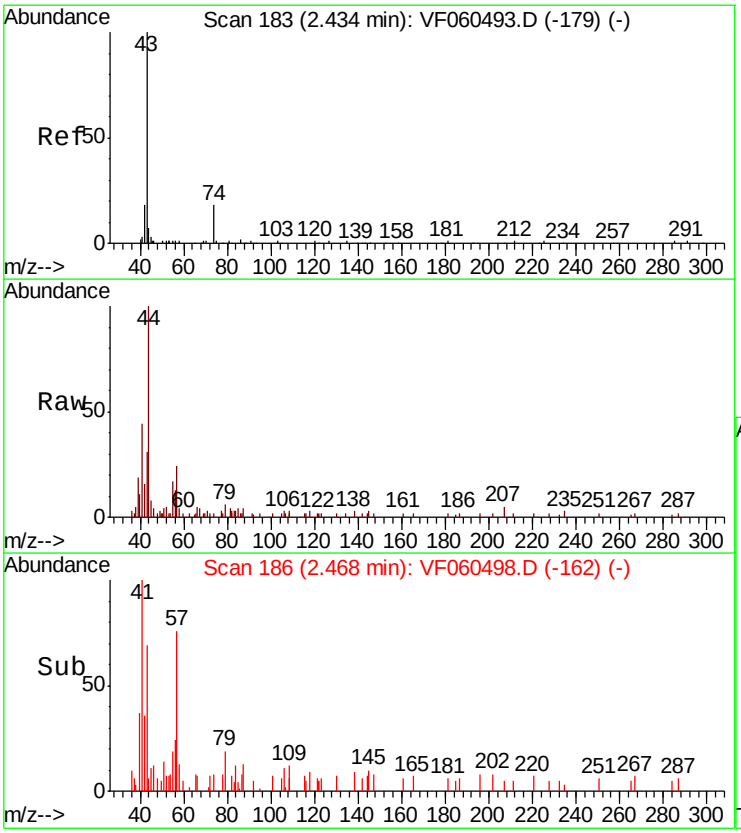
#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 172
Delta R.T. 0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion: 43 Resp: 7562

Ion	Ratio	Lower	Upper
43	100		
58	15.0	13.2	19.8

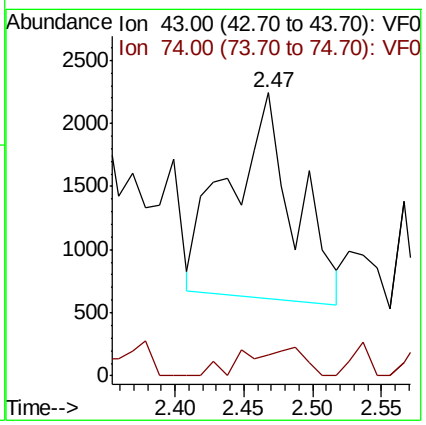


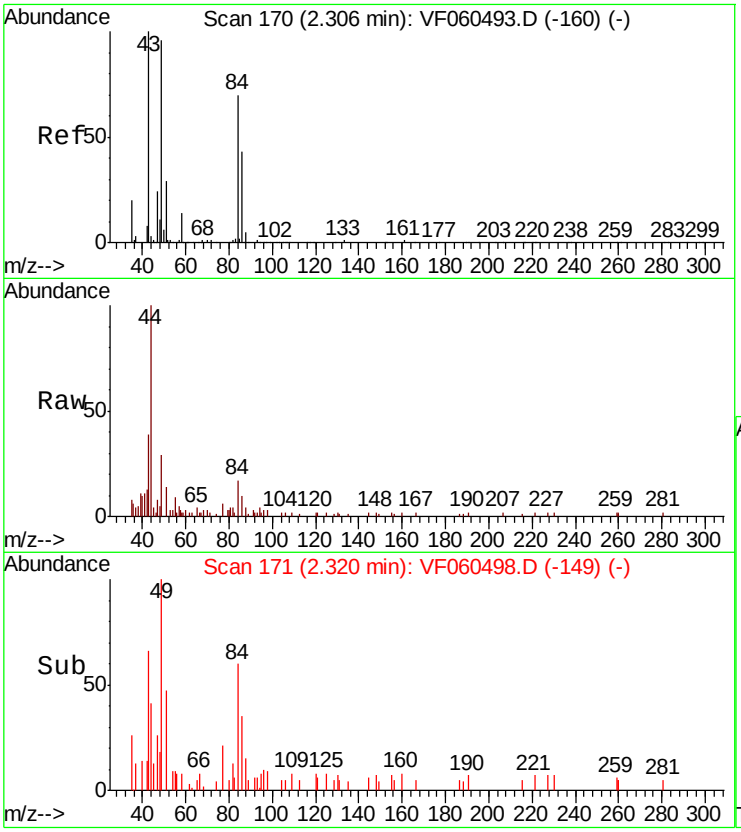


#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 2.47 min Scan# 186
Delta R.T. 0.03 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 5374

Ion	Ratio	Lower	Upper
43	100		
74	7.5	12.9	19.3#



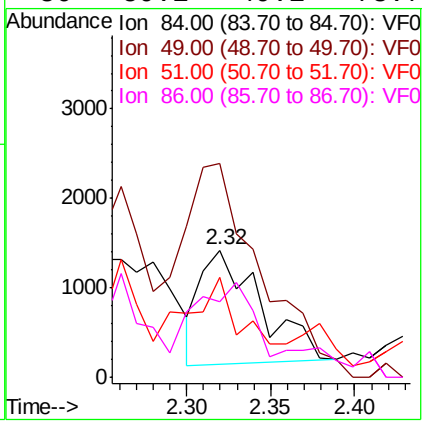


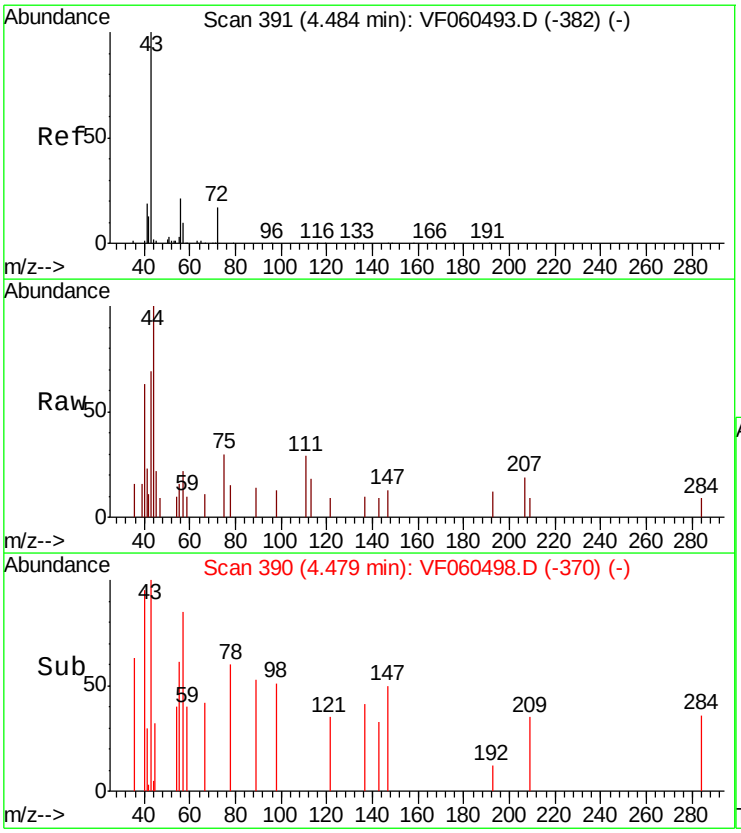
#20
Methylene Chloride
Concen: 1.055 ug/l
RT: 2.32 min Scan# 171
Delta R.T. 0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion: 84 Resp: 3220

Ion	Ratio	Lower	Upper
84	100		
49	167.8	111.5	167.3#
51	78.3	34.6	52.0#
86	59.1	49.1	73.7

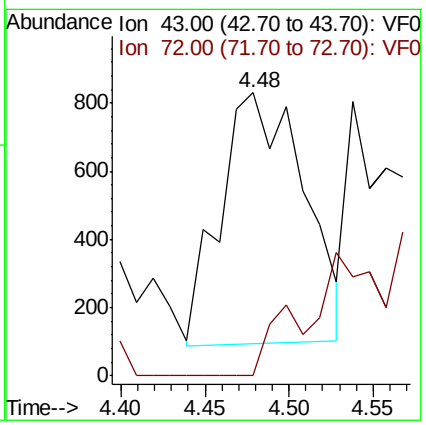


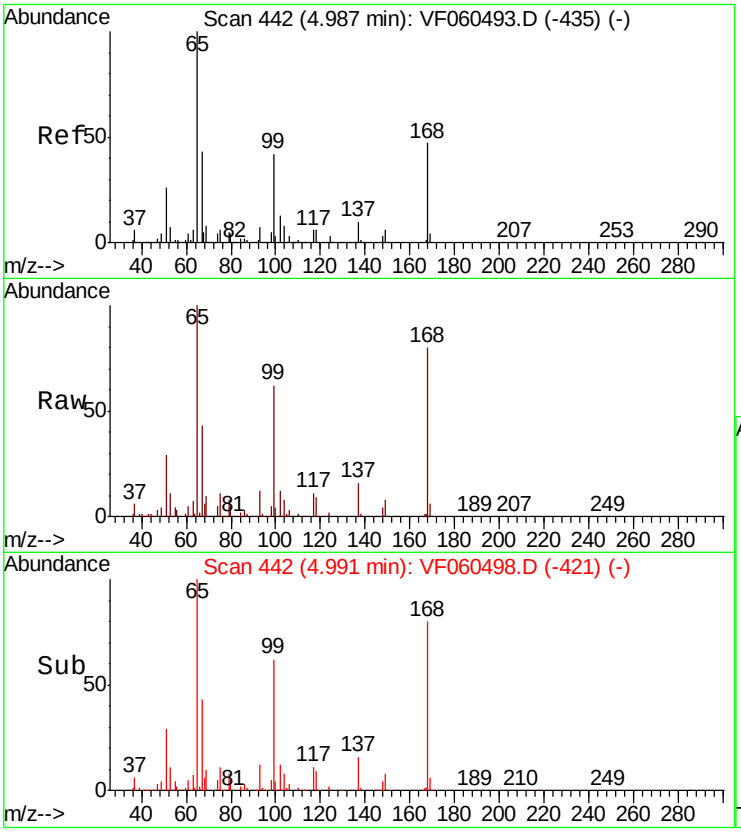


#25
2-Butanone
Concen: 2.656 ug/l
RT: 4.48 min Scan# 390
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 2541

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.0	22.6#



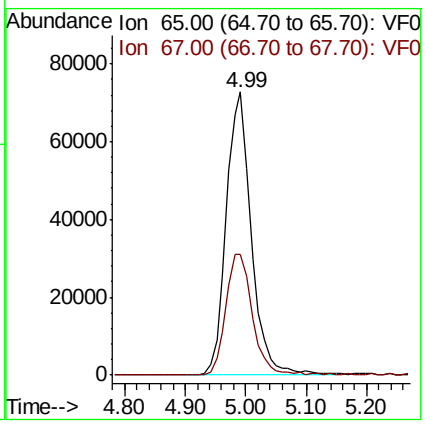


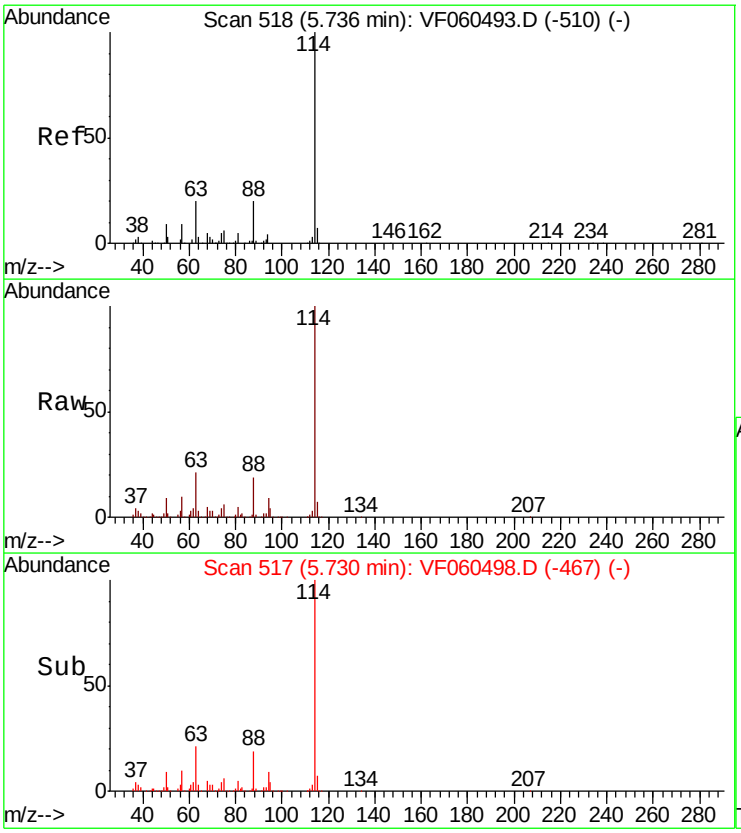
#33
1,2-Dichloroethane-d4
Concen: 52.105 ug/l
RT: 4.99 min Scan# 442
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion: 65 Resp: 208992

Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	94.6

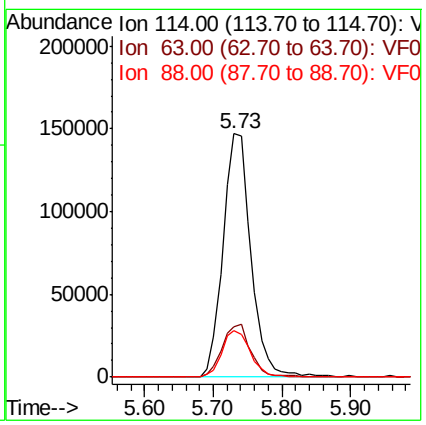


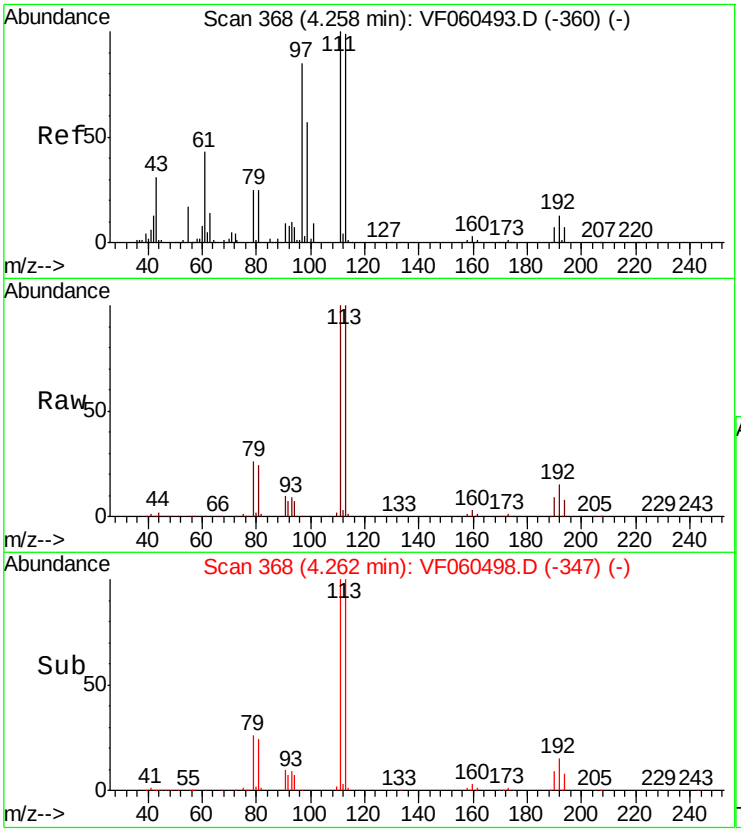


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 517
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion:114 Resp: 412548

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.2
88	19.0	0.0	40.2



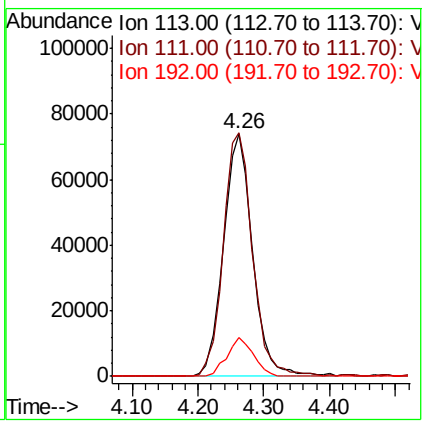


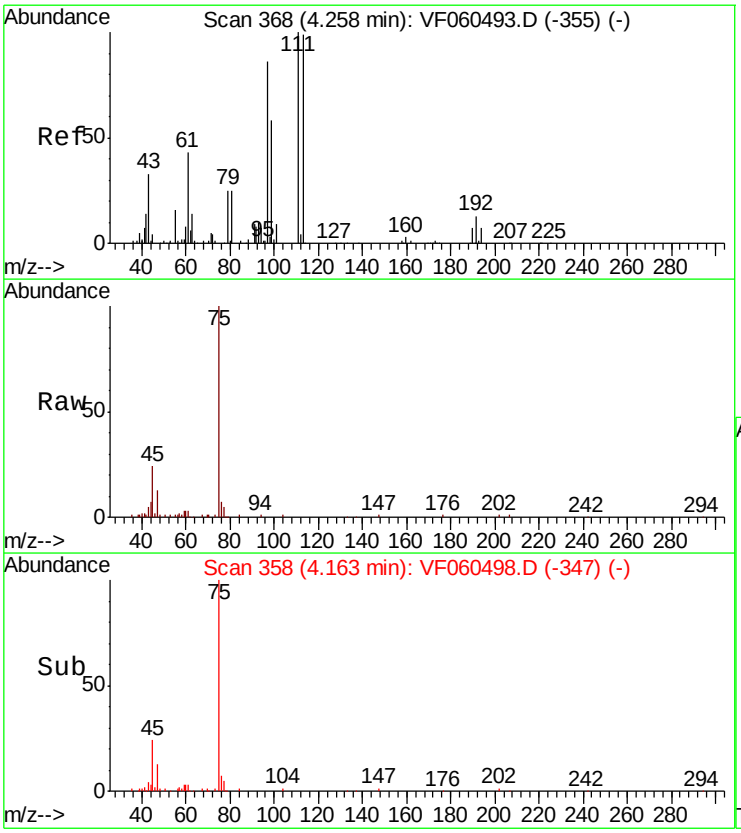
#35
Dibromofluoromethane
Concen: 60.235 ug/l
RT: 4.26 min Scan# 368
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion:113 Resp: 228740

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.0	121.6
192	15.7	10.7	16.1

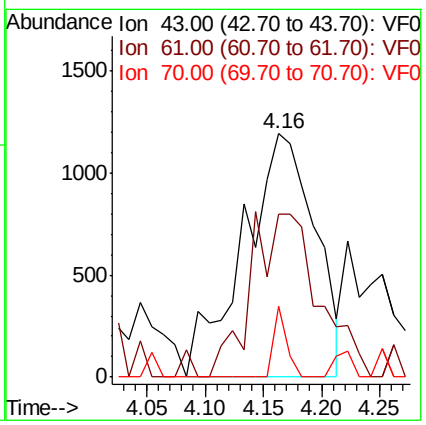


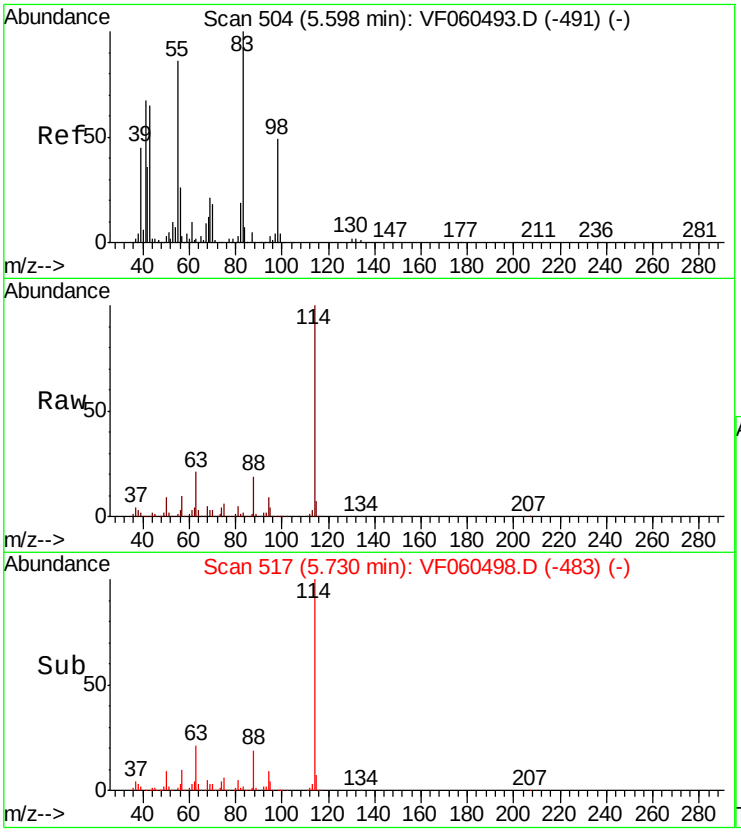


#37
Ethyl Acetate
Concen: 3.011 ug/l
RT: 4.16 min Scan# 358
Delta R.T. -0.09 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 5104

Ion	Ratio	Lower	Upper
43	100		
61	66.8	106.5	159.7#
70	29.1	6.5	9.7#



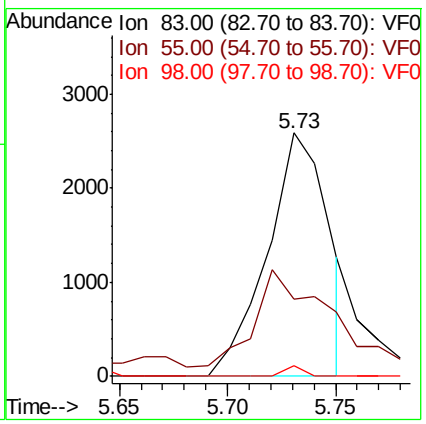


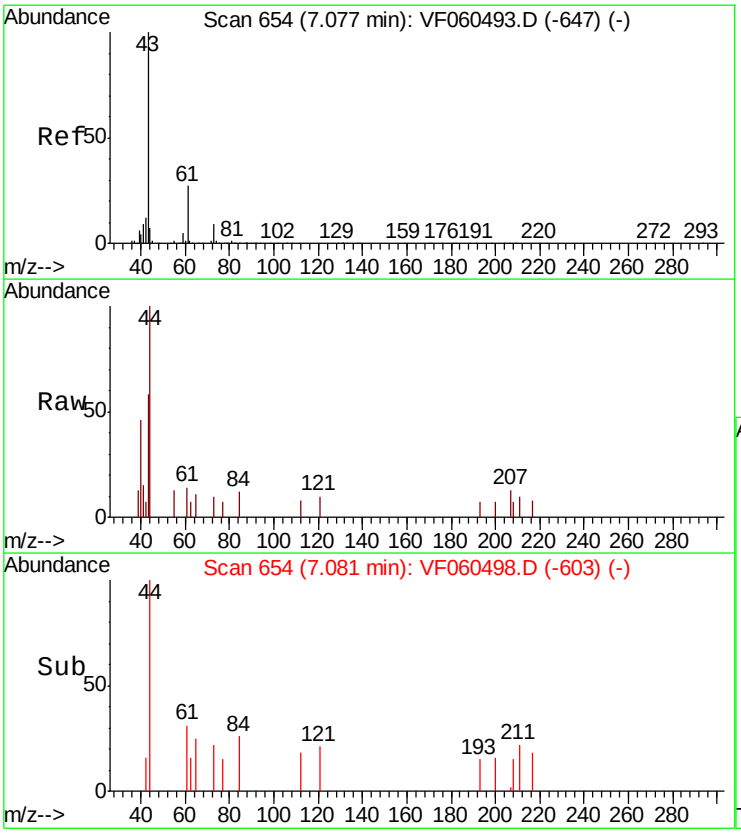
#39
Methylcyclohexane
Concen: 1.129 ug/l
RT: 5.73 min Scan# 517
Delta R.T. 0.13 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion: 83 Resp: 5100

Ion	Ratio	Lower	Upper
83	100		
55	31.6	69.2	103.8#
98	4.6	39.6	59.4#

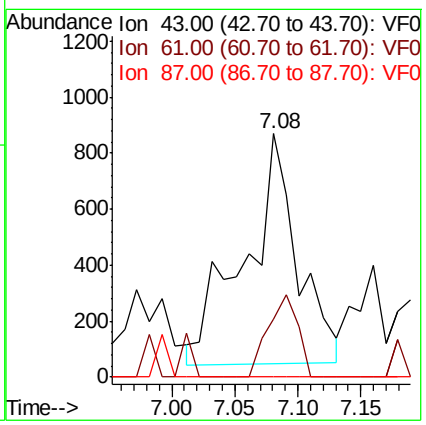


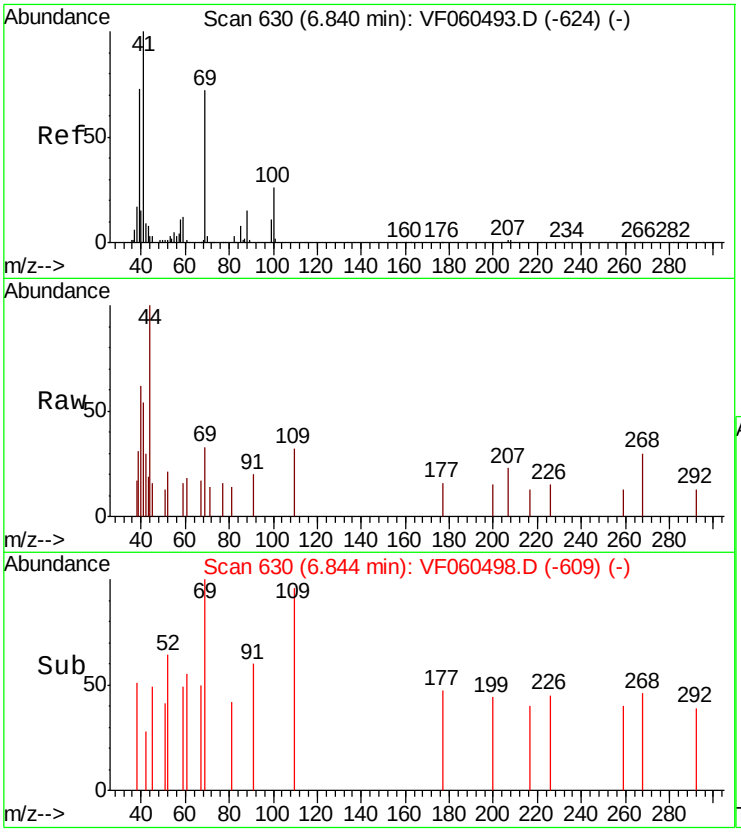


#43
Isopropyl Acetate
Concen: 1.134 ug/l
RT: 7.08 min Scan# 654
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 2395

Ion	Ratio	Lower	Upper
43	100		
61	24.0	21.6	32.4
87	0.0	0.6	0.8#



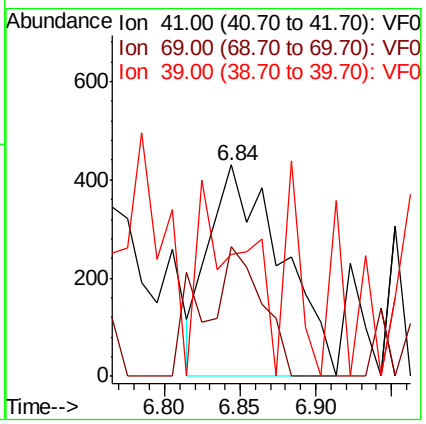


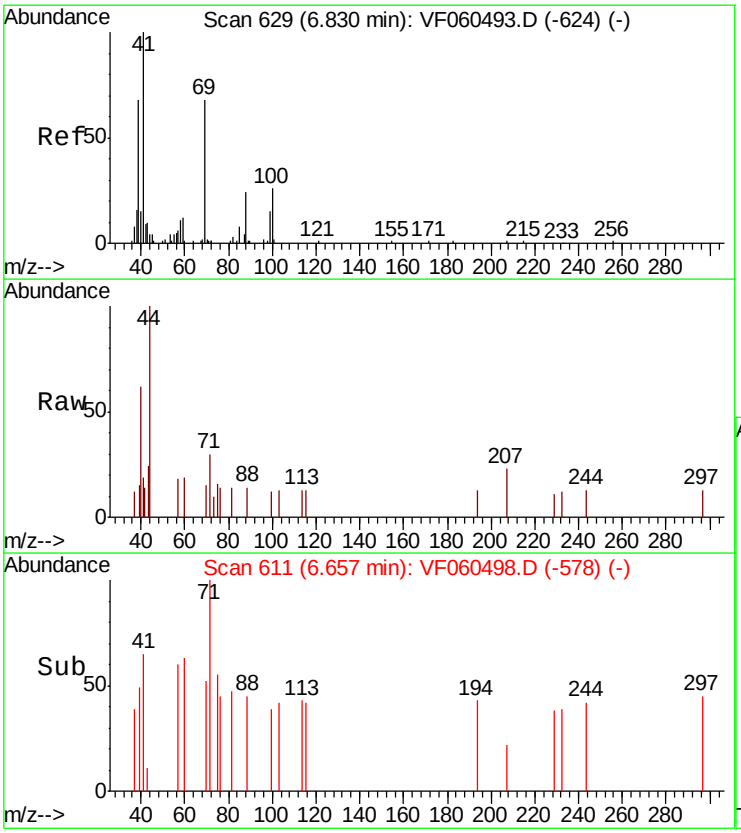
#48
Methyl methacrylate
Concen: 1.005 ug/l
RT: 6.84 min Scan# 630
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument : MSVOA_F
ClientSampleId : VF1009SBL01

Tgt Ion: 41 Resp: 1438

Ion	Ratio	Lower	Upper
41	100		
69	61.6	57.8	86.8
39	57.9	59.1	88.7#

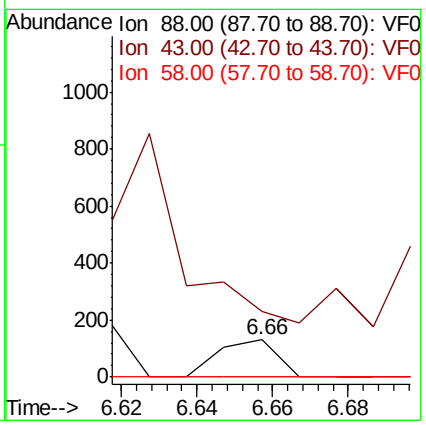


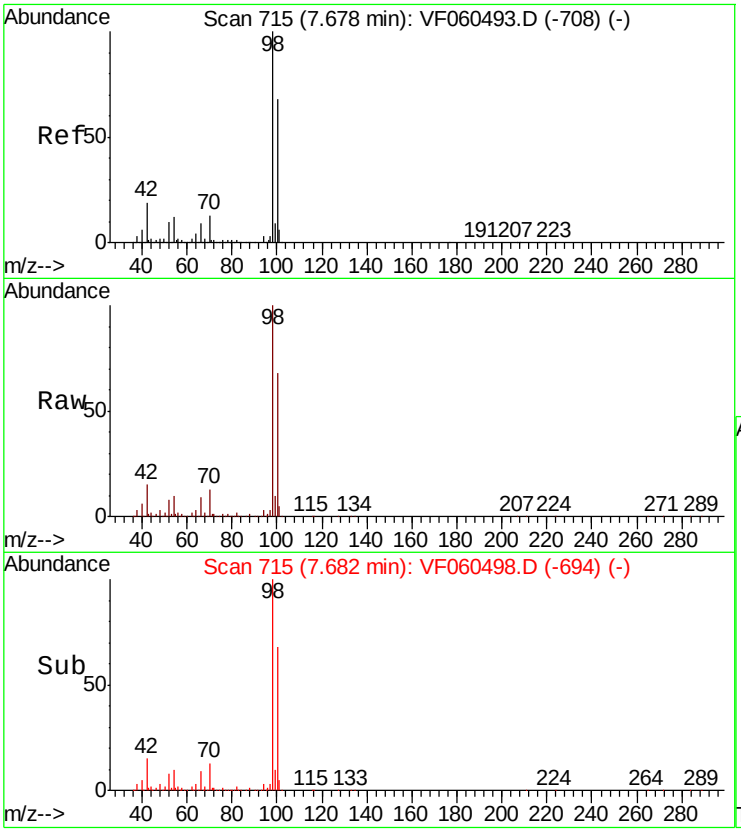


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.66 min Scan# 611
Delta R.T. -0.17 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 88 Resp: 139

Ion	Ratio	Lower	Upper
88	100		
43	177.7	40.2	60.2#
58	0.0	36.3	54.5#



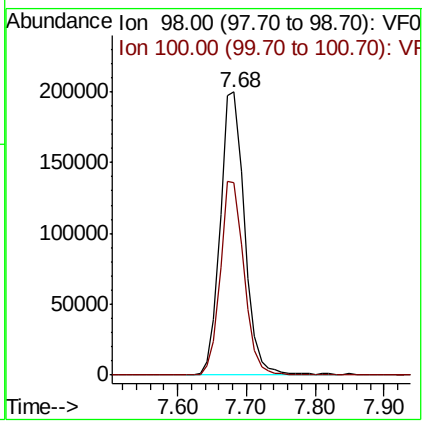


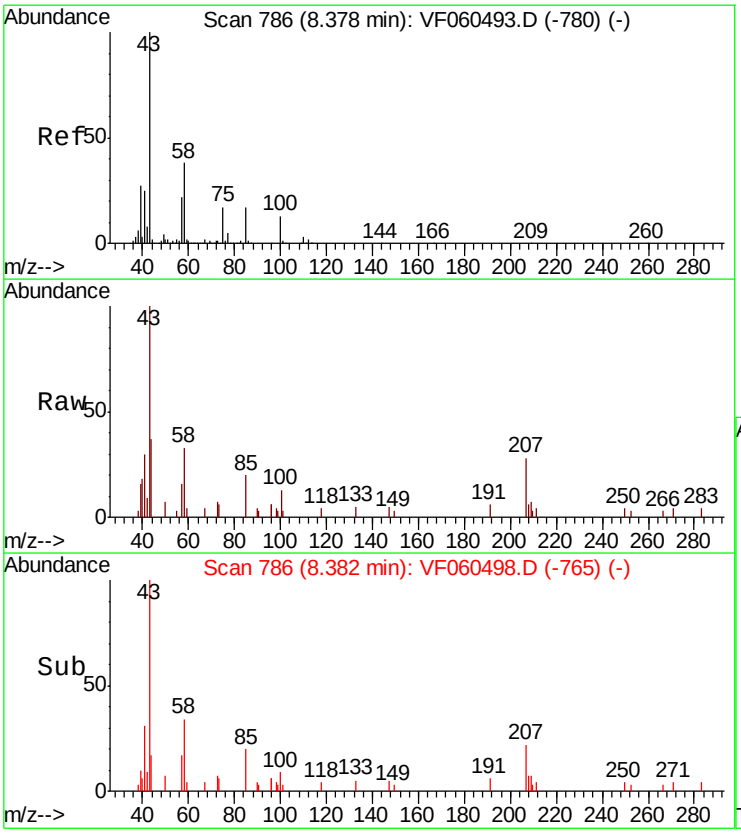
#50
Toluene-d8
Concen: 53.604 ug/l
RT: 7.68 min Scan# 715
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument : MSVOA_F
ClientSampleId : VF1009SBL01

Tgt Ion: 98 Resp: 489276

Ion	Ratio	Lower	Upper
98	100		
100	67.9	54.4	81.6

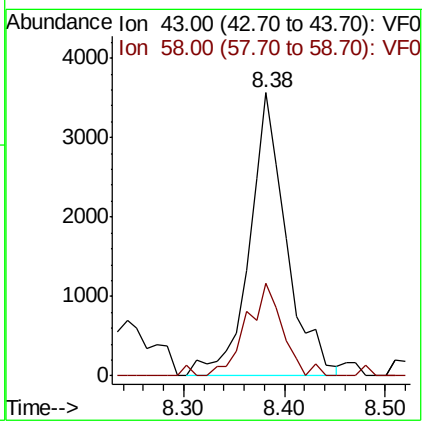


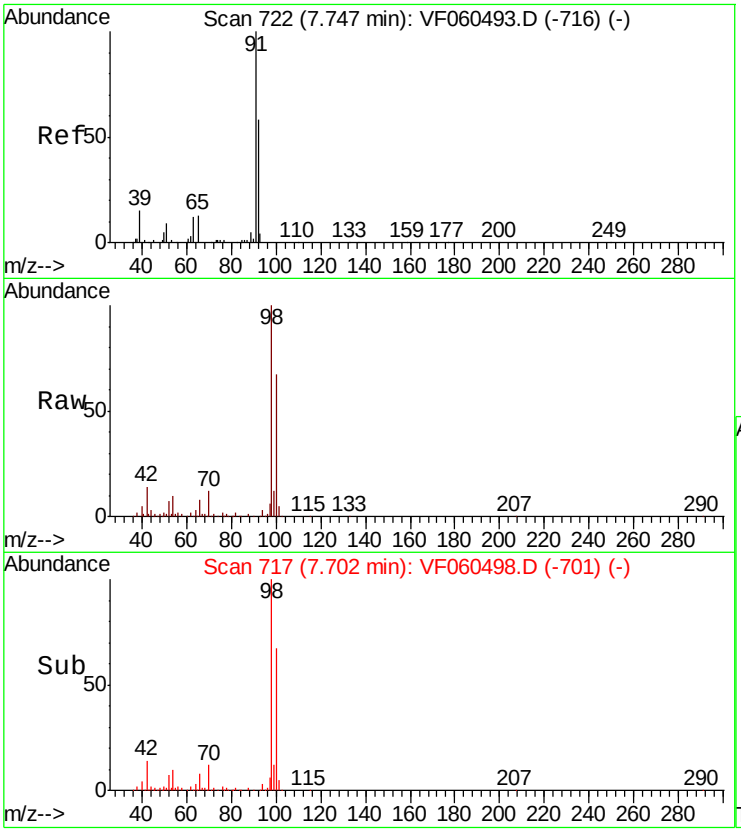


#51
4-Methyl-2-Pentanone
Concen: 6.136 ug/l
RT: 8.38 min Scan# 786
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 9043

Ion	Ratio	Lower	Upper
43	100		
58	32.9	30.4	45.6



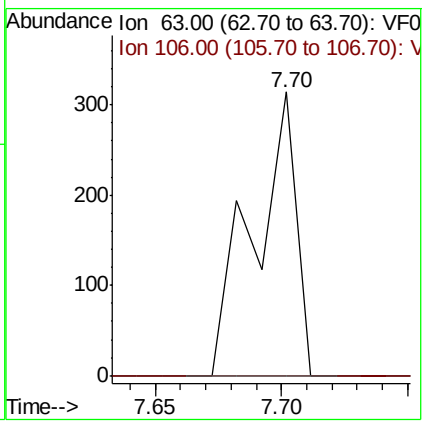


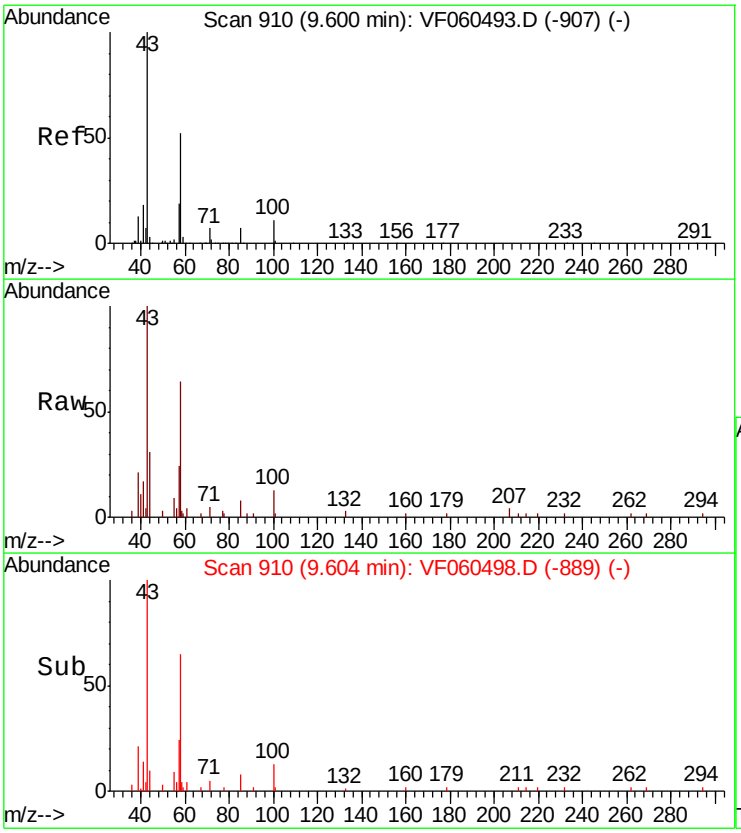
#58
2-Chloroethyl Vinyl ether
Concen: 1.650 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.05 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument : MSVOA_F
ClientSampleId : VF1009SBL01

Tgt Ion: 63 Resp: 370

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

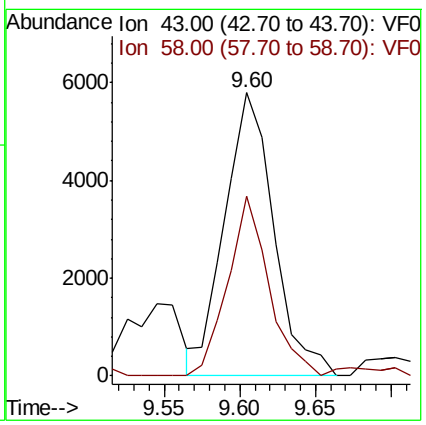


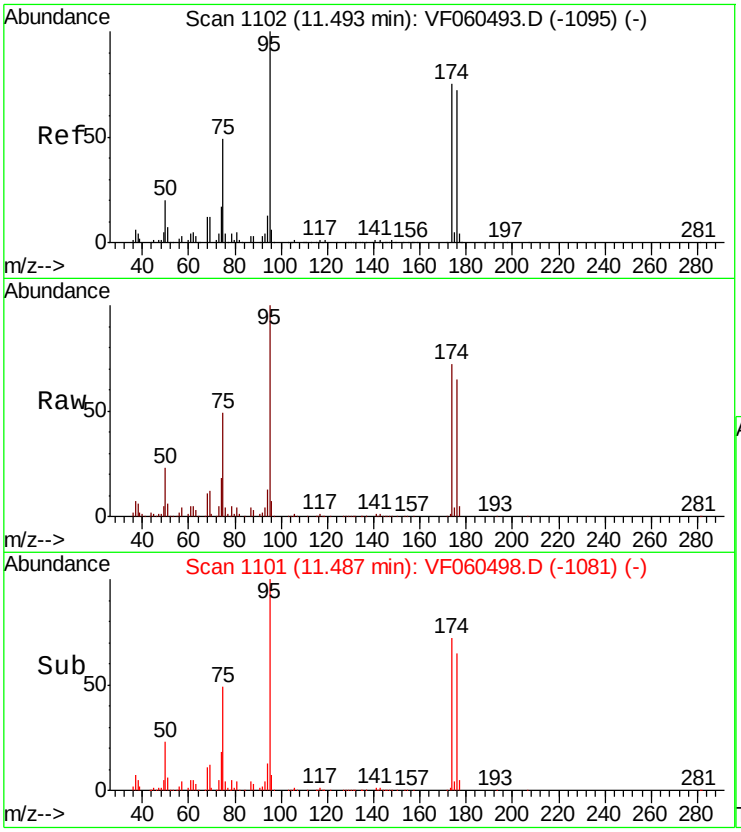


#59
2-Hexanone
Concen: 12.292 ug/l
RT: 9.60 min Scan# 910
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 13103

Ion	Ratio	Lower	Upper
43	100		
58	63.5	24.2	72.6



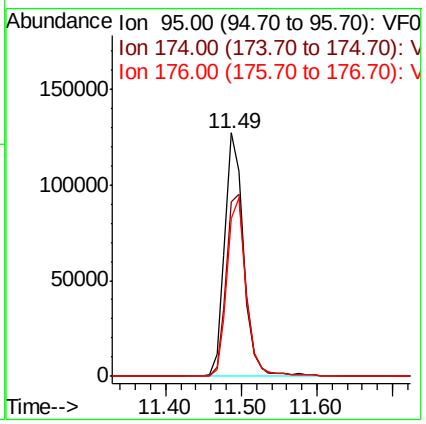


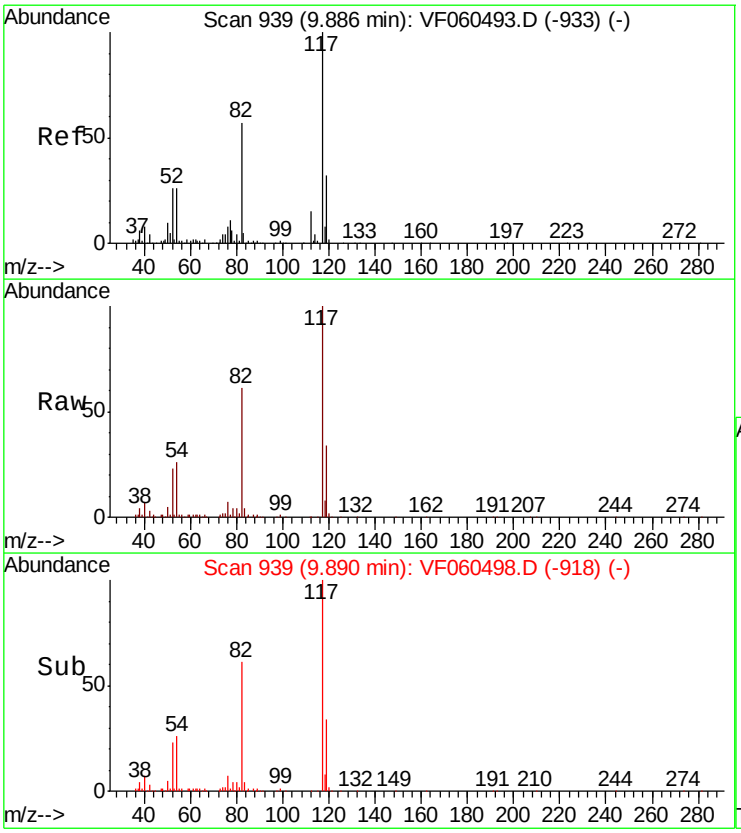
#62
4-Bromofluorobenzene
Concen: 55.070 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tgt Ion: 95 Resp: 220540

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	150.4
176	64.7	0.0	144.6

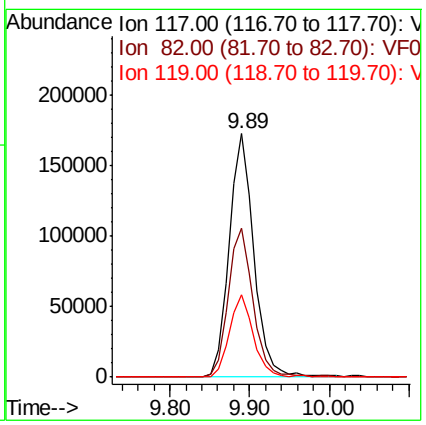


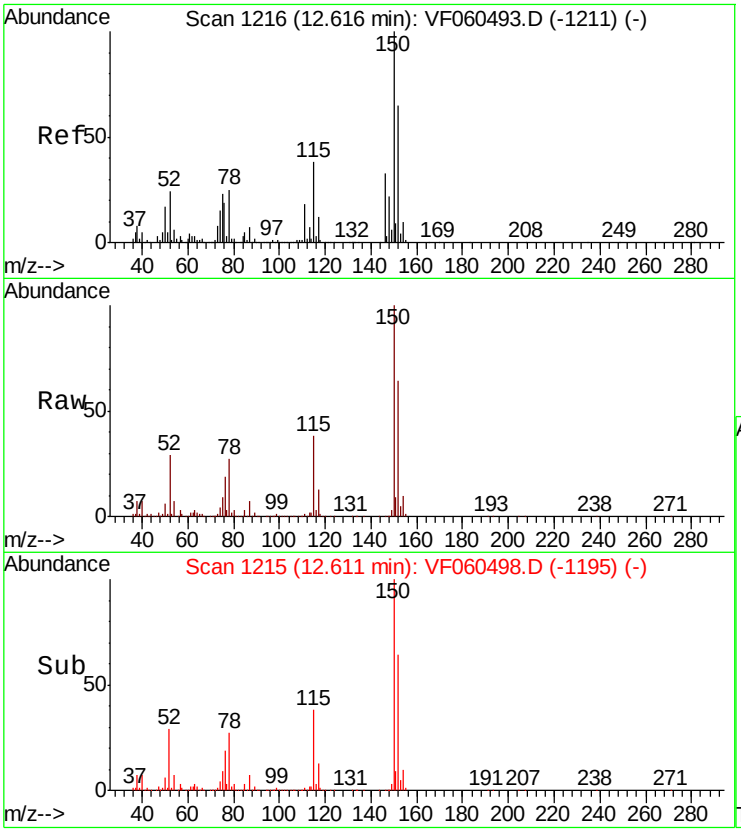


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 939
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion:117 Resp: 375536

Ion	Ratio	Lower	Upper
117	100		
82	61.3	45.6	68.4
119	33.8	25.3	37.9



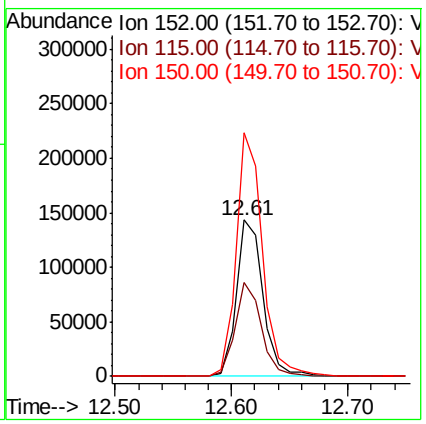


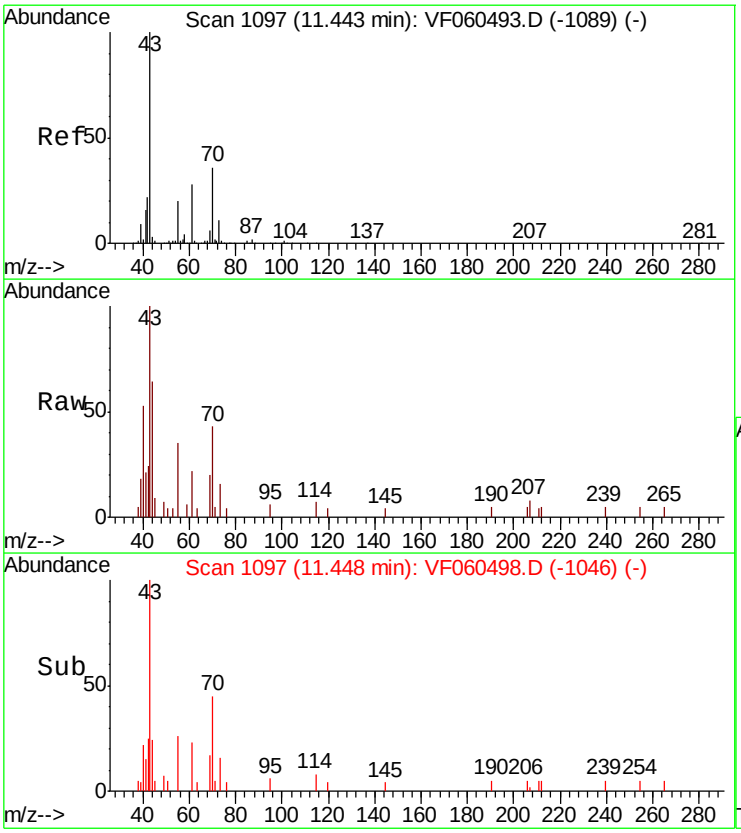
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument : MSVOA_F
ClientSampleId : VF1009SBL01

Tgt Ion:152 Resp: 225321

Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.5	88.5
150	155.9	0.0	310.0





#74
N-amyl acetate
Concen: 1.813 ug/l
RT: 11.45 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion: 43 Resp: 6611

Ion	Ratio	Lower	Upper
43	100		
70	43.4	28.7	43.1#
55	35.1	16.1	24.1#
61	22.1	22.7	34.1#