Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060747.D
Acq On : 15 Nov 2018 15:24
Operator : VA/AP
Sample : J5930-01RE
Misc : 6.08g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:36:33 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	4.87	168	257	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	463	50.00	ug/l	-0.02
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	12.58	152	213	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	62	21.15	ug/l	-0.02
Spiked Amount 50.000			Recovery = 42.30%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
62) 4-Bromofluorobenzene	11.41	95	276	68.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 137.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	62	13.480	ug/l #	42
3) Chloromethane	1.11	50	72	25.242	ug/l #	44
5) Bromomethane	1.33	94	112	69.099	ug/l #	5
8) Diethyl Ether	1.50	74	63	87.141	ug/l	74
12) 1,1-Dichloroethene	1.79	96	67	31.955	ug/l #	1
13) Acrolein	2.01	56	72	590.245	ug/l #	14
14) Allyl chloride	2.08	41	23	6.262	ug/l #	56
15) Acrylonitrile	2.90	53	65	228.650	ug/l #	15
16) Acetone	2.23	43	744	1187.430	ug/l #	65
17) Carbon Disulfide	1.86	76	68	10.731	ug/l #	67
18) Methyl Acetate	2.34	43	562	546.246	ug/l #	64
19) Methyl tert-butyl Ether	2.37	73	62	12.326	ug/l #	1
20) Methylene Chloride	2.12	84	121	58.599	ug/l #	1
22) Diisopropyl ether	2.83	45	99	13.960	ug/l #	43
23) Vinyl Acetate	3.20	43	444	132.958	ug/l #	77
25) 2-Butanone	4.32	43	185	179.509	ug/l #	56
26) 2,2-Dichloropropane	3.64	77	206	60.973	ug/l #	60
27) cis-1,2-Dichloroethene	3.42	96	67	17.979	ug/l	1
29) Tetrahydrofuran	4.06	42	74	174.076	ug/l #	36
30) Chloroform	3.90	83	69	10.017	ug/l #	16
31) Cyclohexane	3.74	56	248	47.594	ug/l #	16
32) 1,1,1-Trichloroethane	4.18	97	69	12.720	ug/l #	22
37) Ethyl Acetate	4.08	43	473	236.935	ug/l #	1
39) Methylcyclohexane	5.43	83	133	21.350	ug/l #	62
40) Benzene	4.62	78	321	26.818	ug/l #	38
41) Methacrylonitrile	4.76	41	389	395.386	ug/l #	55
43) Isopropyl Acetate	6.95	43	130	49.114	ug/l #	48
47) Bromodichloromethane	6.45	83	74	14.094	ug/l #	24
48) Methyl methacrylate	6.69	41	672	383.613	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	603	314.988	ug/l #	38
54) cis-1,3-Dichloropropene	7.12	75	69	12.632	ug/l #	1
55) 1,1,2-Trichloroethane	8.57	97	69	30.107	ug/l #	14
56) Ethyl methacrylate	8.61	69	444	170.584	ug/l #	1
59) 2-Hexanone	9.46	43	555	412.531	ug/l #	28

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060747.D
Acq On : 15 Nov 2018 15:24
Operator : VA/AP
Sample : J5930-01RE
Misc : 6.08g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:36:33 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)
61) 1,2-Dibromoethane	8.91	107	72	29.872	ug/l	#	2
73) Isopropylbenzene	11.13	105	165	9.624	ug/l	#	2
74) N-amyl acetate	11.36	43	336	86.086	ug/l	#	32
75) 1,1,2,2-Tetrachloroethane	11.72	83	259	91.372	ug/l	#	25
76) 1,2,3-Trichloropropane	11.67	75	72	34.201	ug/l	#	1
78) n-propylbenzene	11.62	91	163	8.152	ug/l	#	53
79) 2-Chlorotoluene	11.76	91	397	34.160	ug/l	#	41
80) 1,3,5-Trimethylbenzene	11.92	105	189	13.885	ug/l		89
81) trans-1,4-Dichloro-2-buten	11.96	75	89	86.053	ug/l	#	20
82) 4-Chlorotoluene	11.89	91	436	36.620	ug/l	#	43
83) tert-Butylbenzene	12.13	119	131	9.064	ug/l	#	28
84) 1,2,4-Trimethylbenzene	12.21	105	288	20.458	ug/l	#	27
85) sec-Butylbenzene	12.31	105	236	12.038	ug/l	#	1
86) p-Isopropyltoluene	12.46	119	295	18.016	ug/l	#	1
87) 1,3-Dichlorobenzene	12.52	146	65	9.152	ug/l	#	7
88) 1,4-Dichlorobenzene	12.59	146	62	9.083	ug/l	#	1
89) n-Butylbenzene	12.85	91	505	30.222	ug/l	#	26
90) Hexachloroethane	12.92	117	127	31.711	ug/l	#	21
91) 1,2-Dichlorobenzene	13.01	146	62	9.272	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.69	75	65	122.004	ug/l	#	1
95) Naphthalene	14.51	128	1403	159.975	ug/l	#	15
96) 1,2,3-Trichlorobenzene	14.69	180	67	15.086	ug/l	#	1

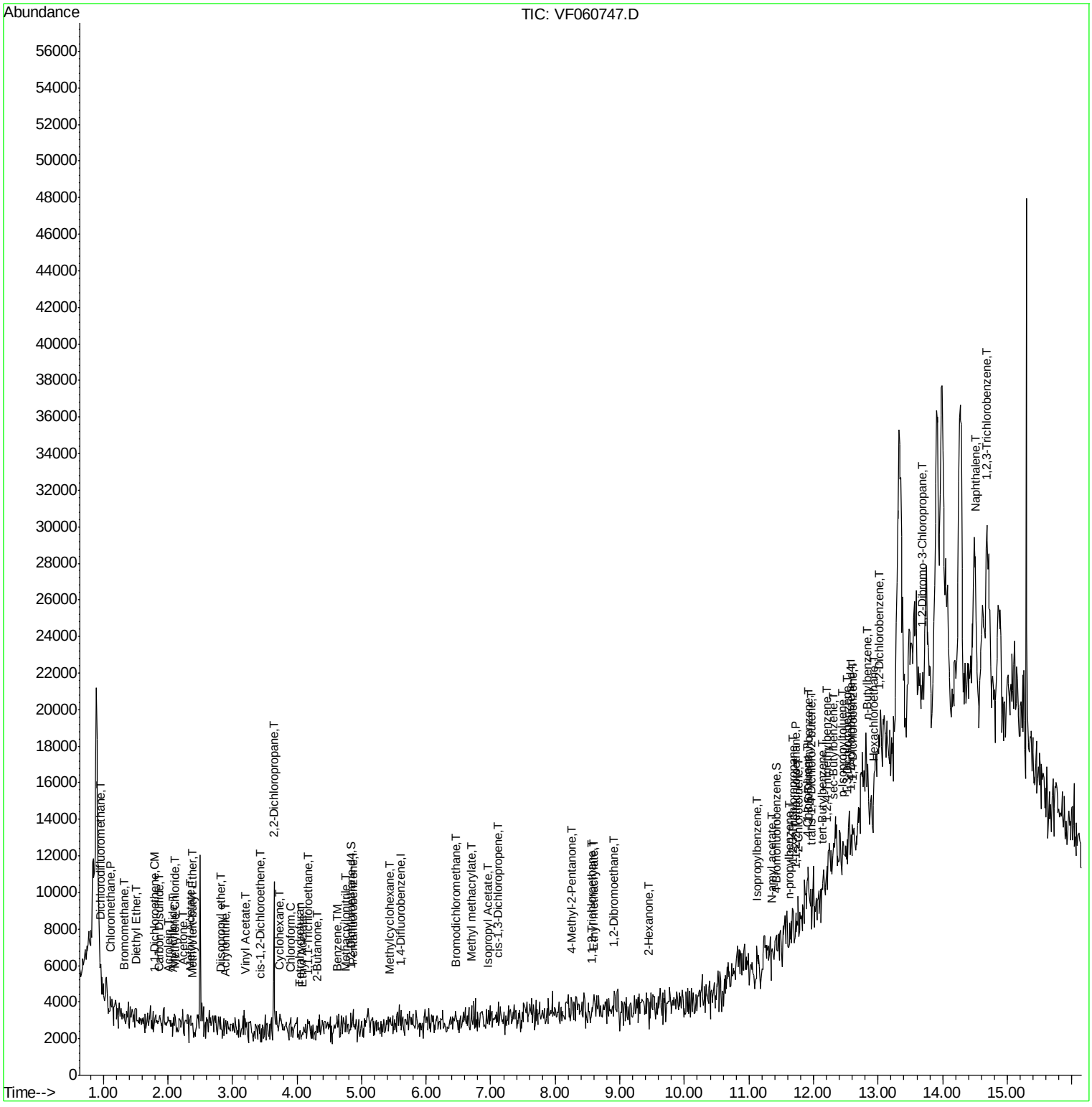
(#) = qualifier out of range (m) = manual integration (+) = signals summed

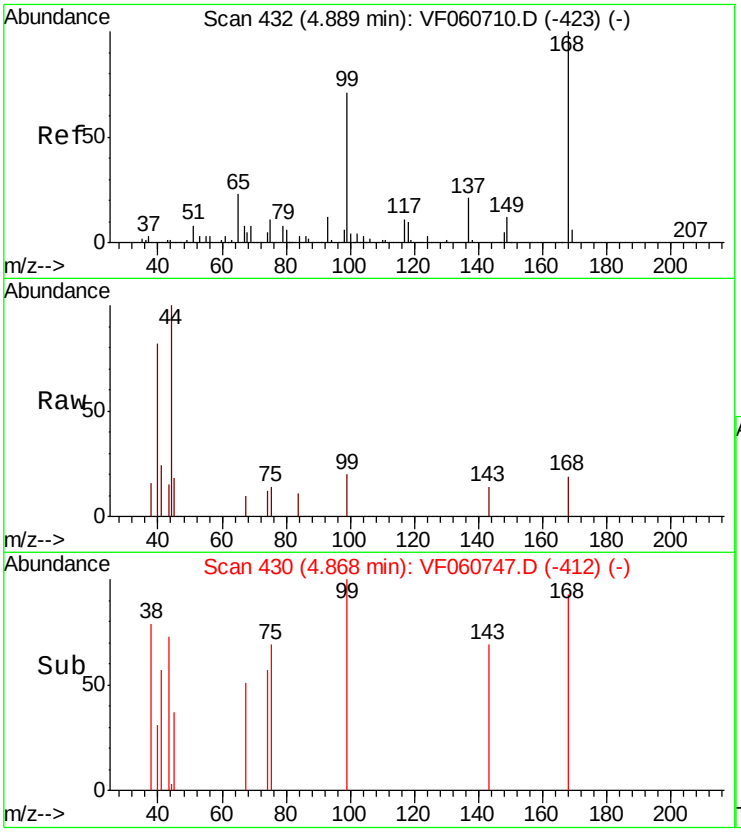
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060747.D
Acq On : 15 Nov 2018 15:24
Operator : VA/AP
Sample : J5930-01RE
Misc : 6.08g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:36:33 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



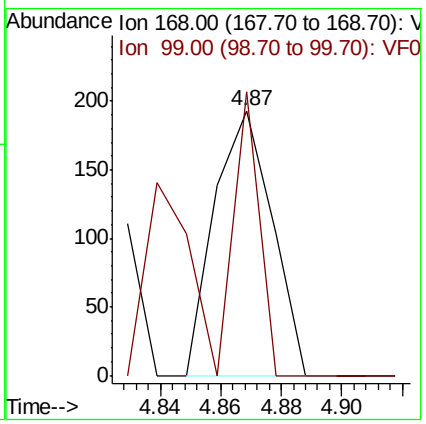


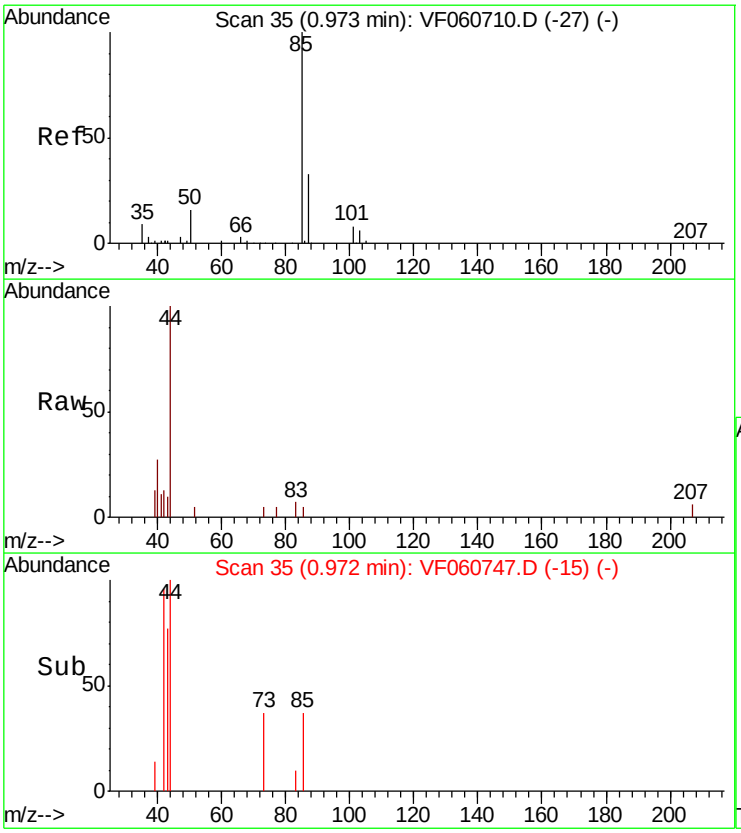
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 257

Ion	Ratio	Lower	Upper
168	100		
99	107.3	57.2	85.8#

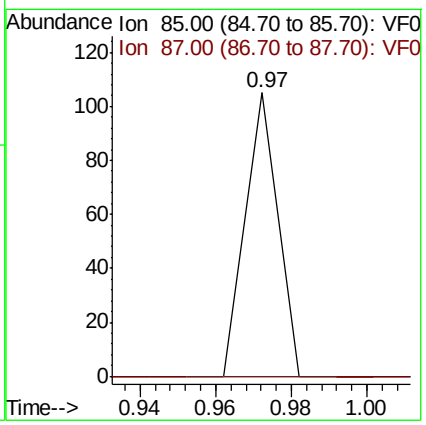


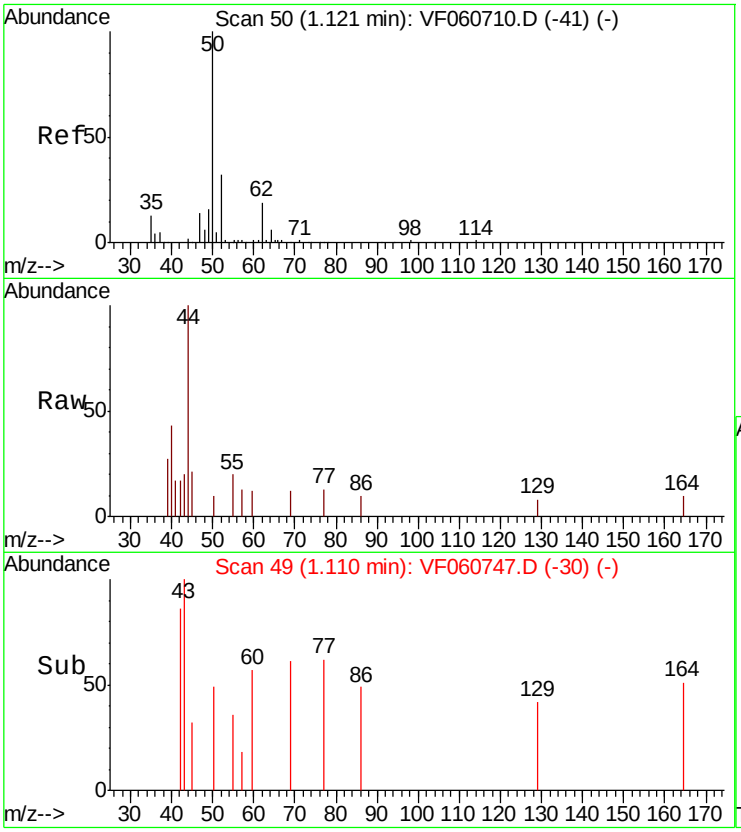


#2
Dichlorodifluoromethane
Concen: 13.480 ug/l
RT: 0.97 min Scan# 35
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 85 Resp: 62

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.3	48.9#



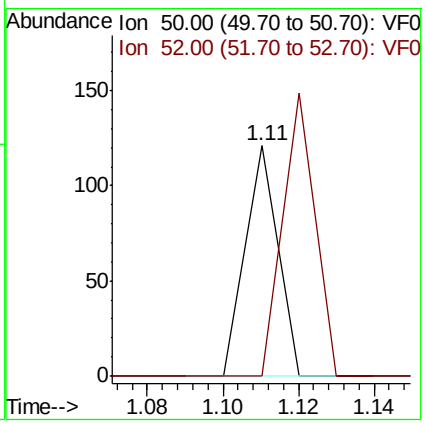


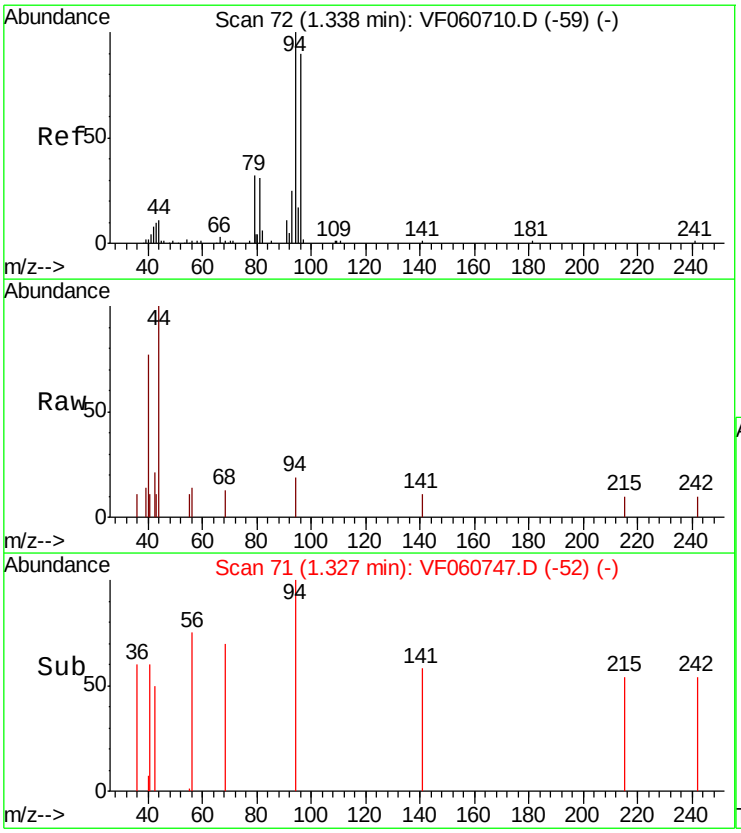
#3
Chloromethane
Concen: 25.242 ug/l
RT: 1.11 min Scan# 49
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 72

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.2	36.2#

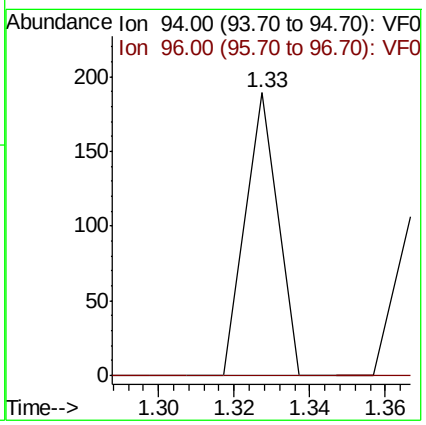


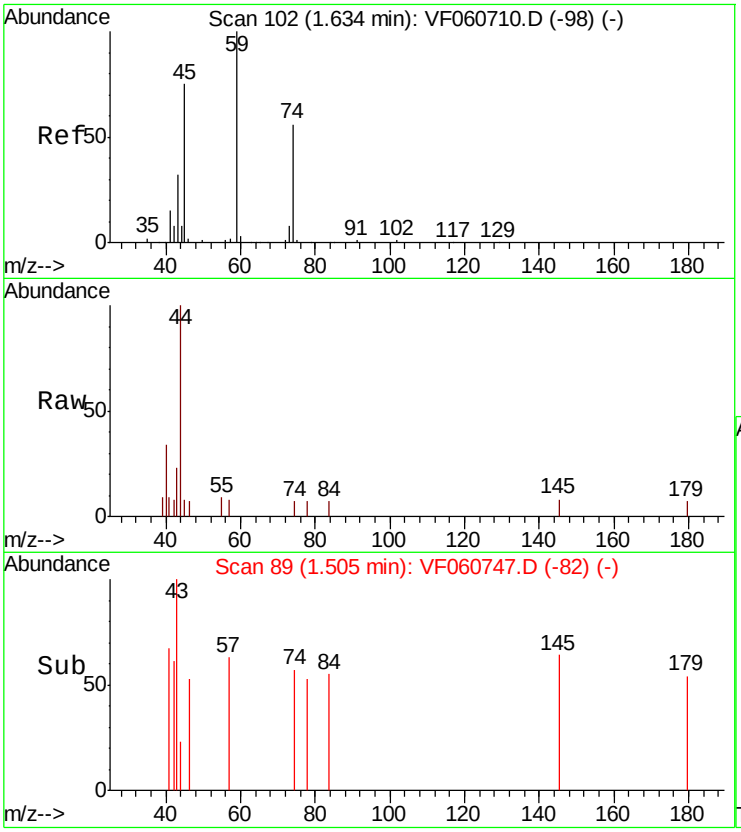


#5
Bromomethane
Concen: 69.099 ug/l
RT: 1.33 min Scan# 71
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 94 Resp: 112

Ion	Ratio	Lower	Upper
94	100		
96	0.0	71.9	107.9#



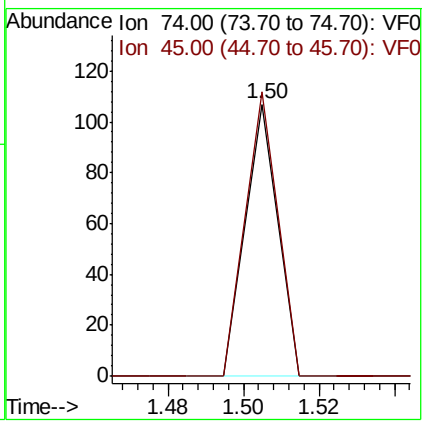


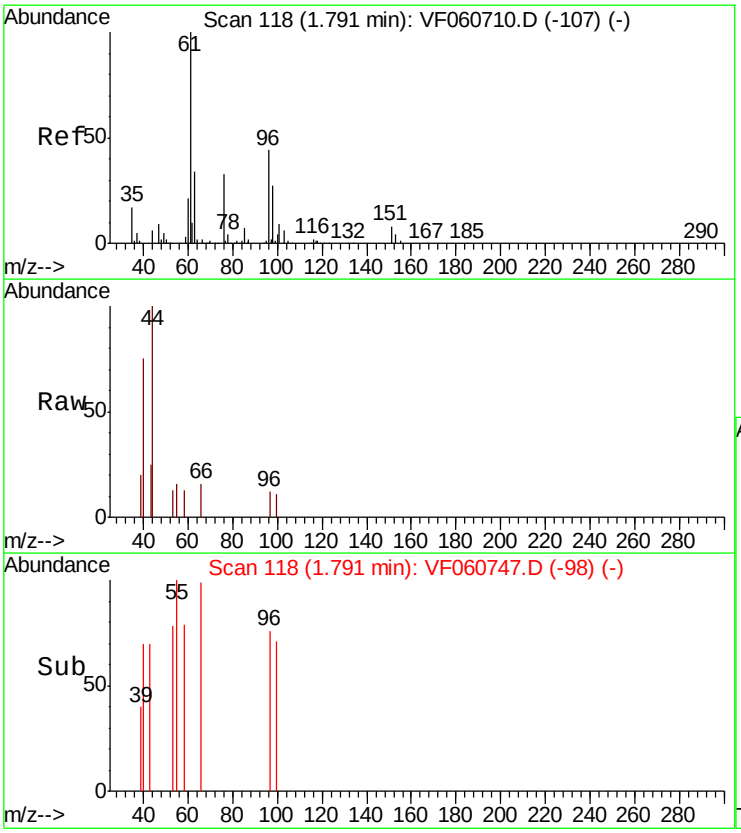
#8
Diethyl Ether
Concen: 87.141 ug/l
RT: 1.50 min Scan# 89
Delta R.T. -0.13 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 63

Ion	Ratio	Lower	Upper
74	100		
45	104.7	67.7	203.1

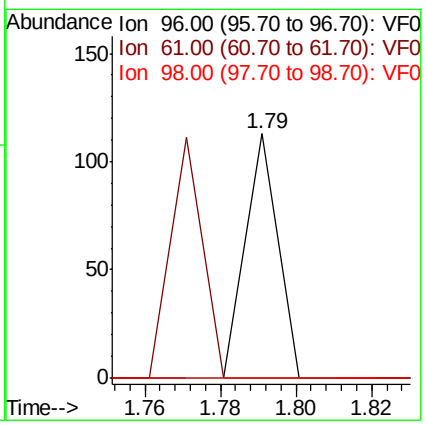


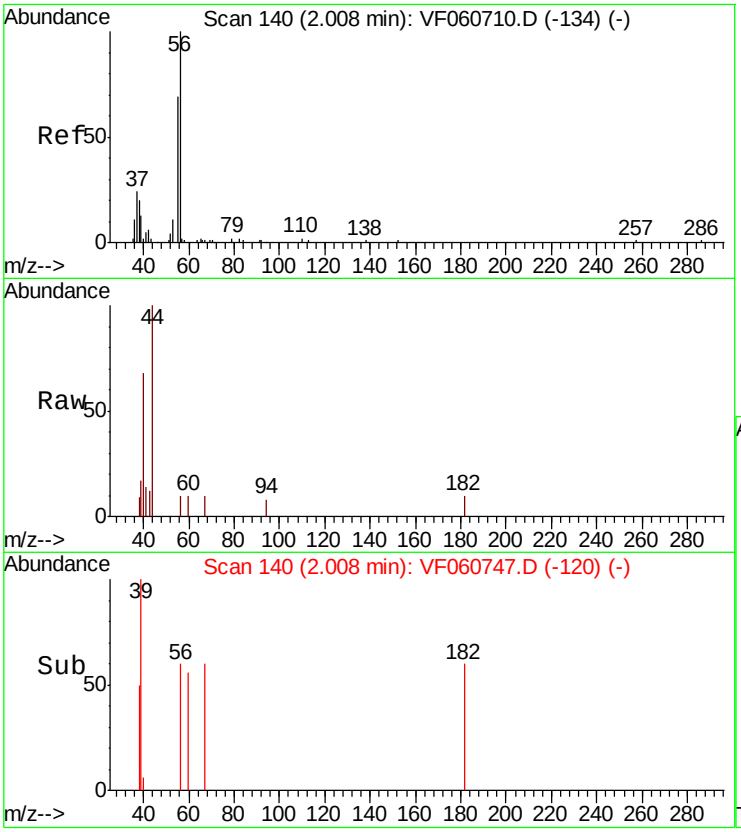


#12
1,1-Dichloroethene
Concen: 31.955 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 96 Resp: 67

Ion	Ratio	Lower	Upper
96	100		
61	0.0	182.2	273.2#
98	0.0	49.2	73.8#



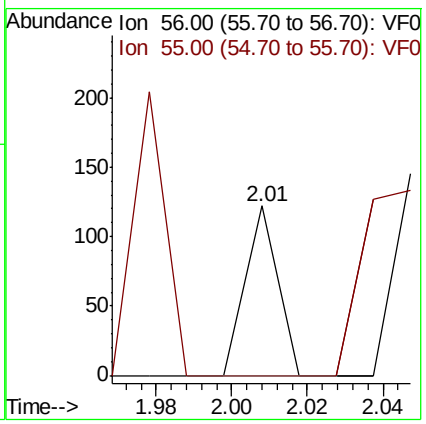


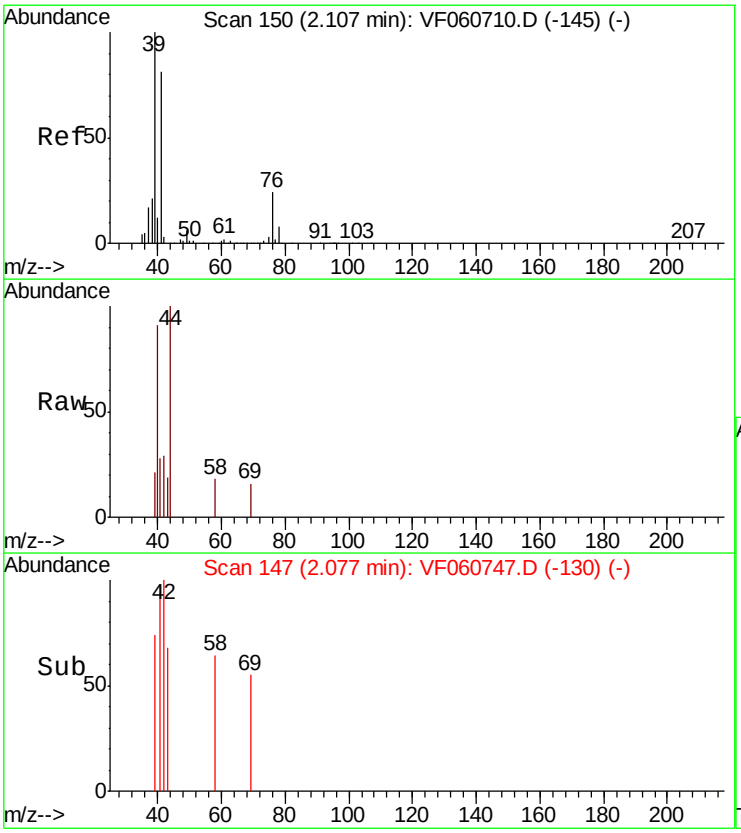
#13
Acrolein
Concen: 590.245 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 72

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#

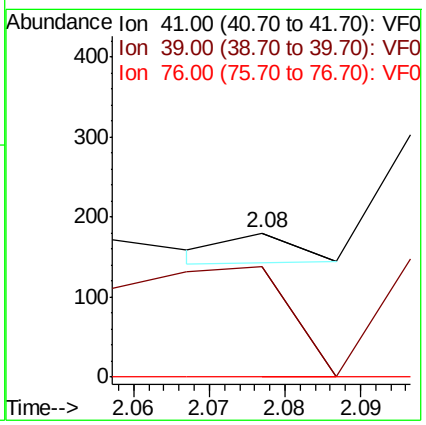


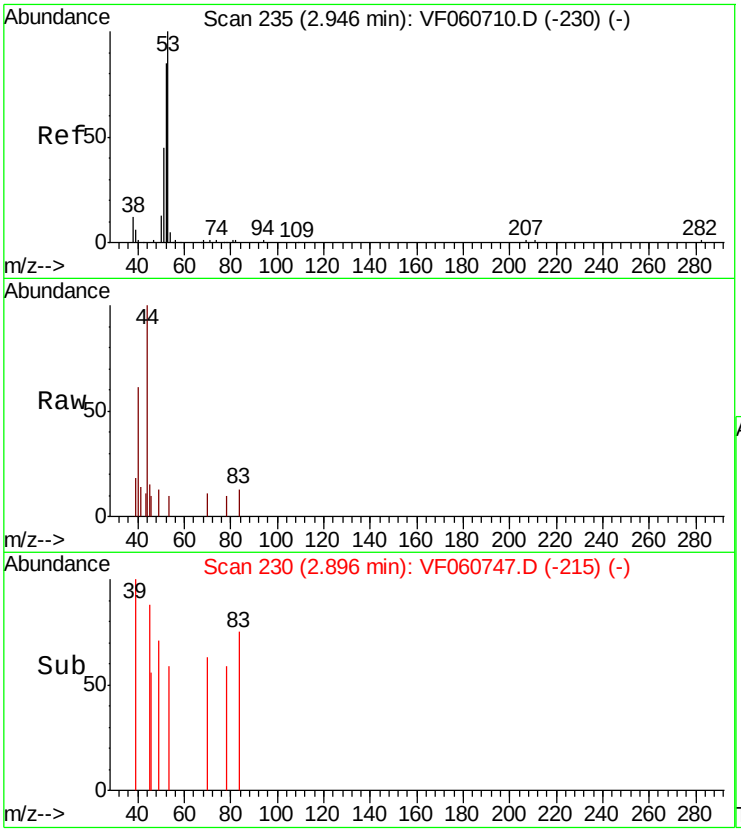


#14
Allyl chloride
Concen: 6.262 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 41 Resp: 23

Ion	Ratio	Lower	Upper
41	100		
39	76.7	98.5	147.7#
76	0.0	24.5	36.7#



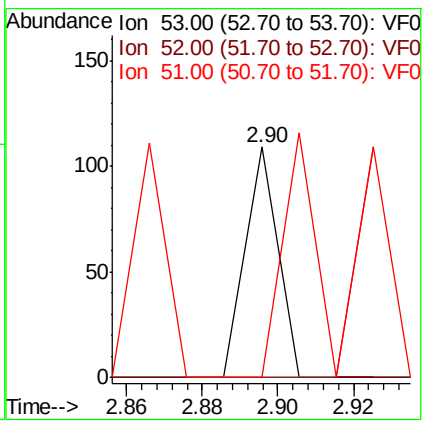


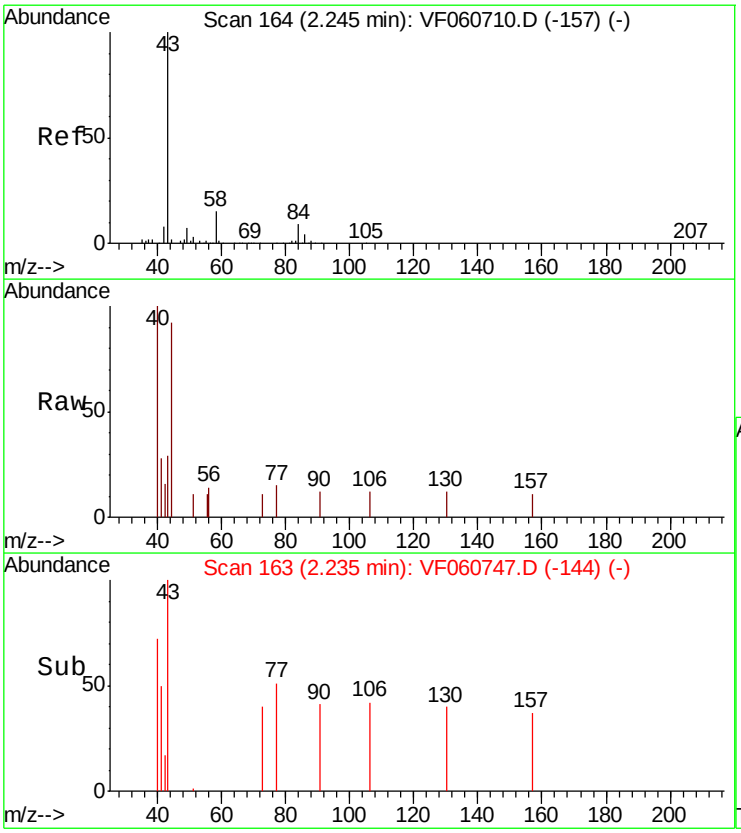
#15
Acrylonitrile
Concen: 228.650 ug/l
RT: 2.90 min Scan# 230
Delta R.T. -0.05 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 65

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

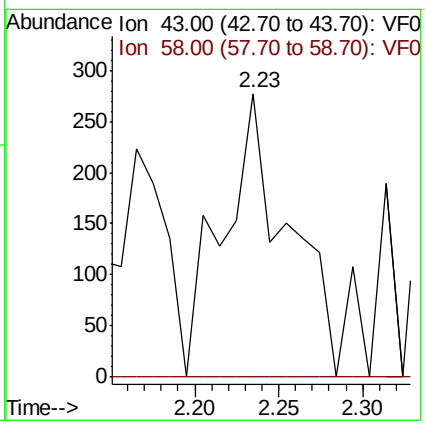


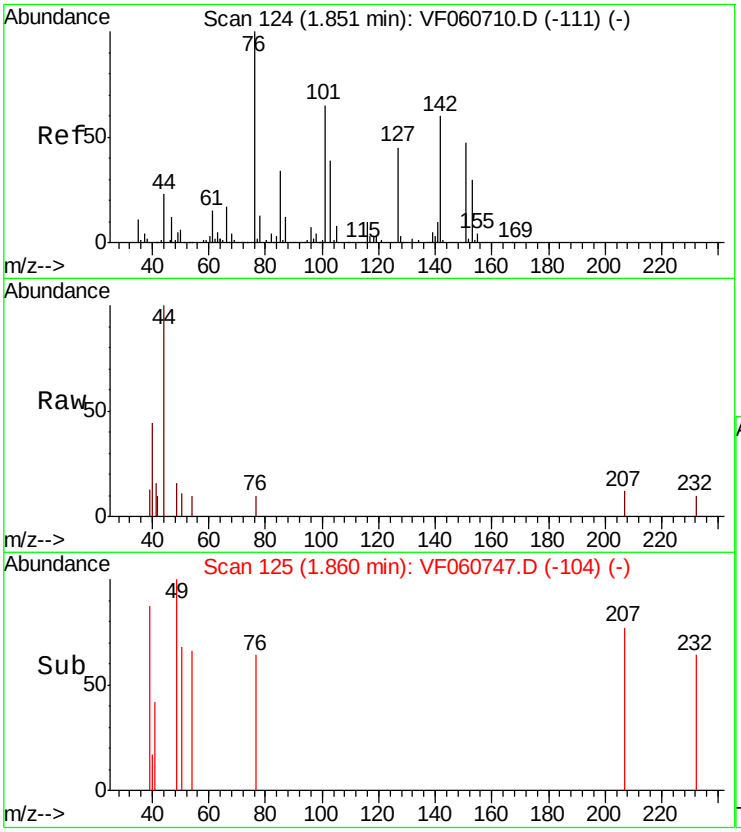


#16
Acetone
Concen: 1187.430 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 43 Resp: 744

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.6	17.4#



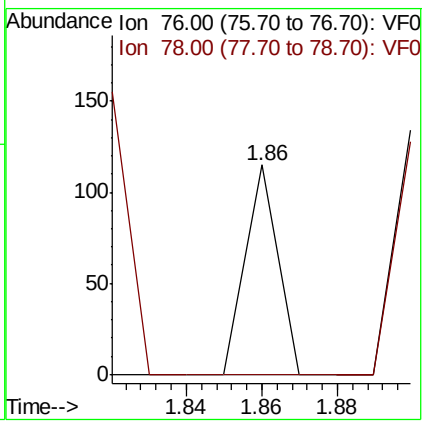


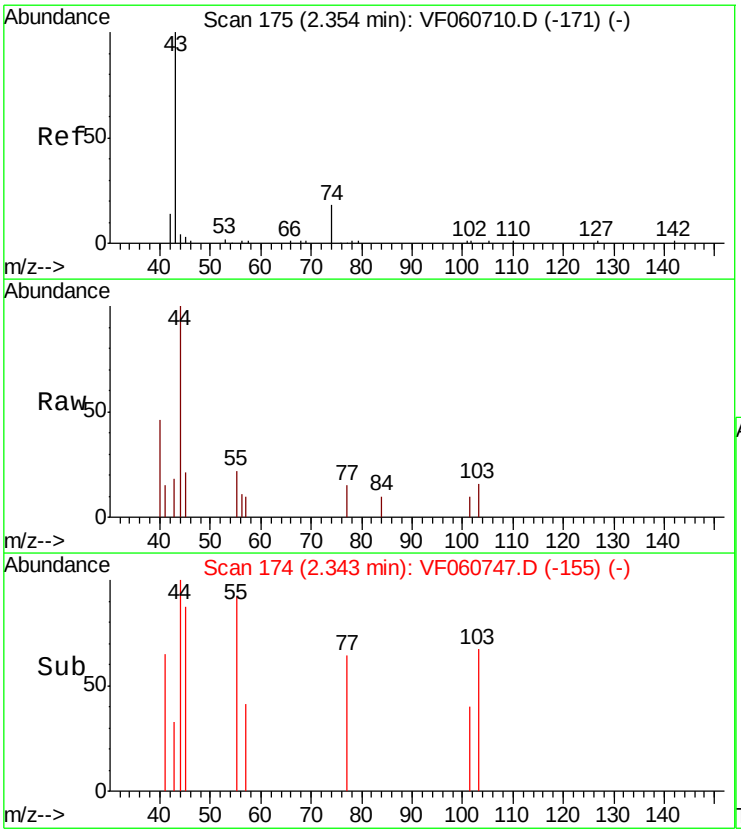
#17
Carbon Disulfide
Concen: 10.731 ug/l
RT: 1.86 min Scan# 125
Delta R.T. 0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 68

Ion	Ratio	Lower	Upper
76	100		
78	0.0	10.5	15.7#

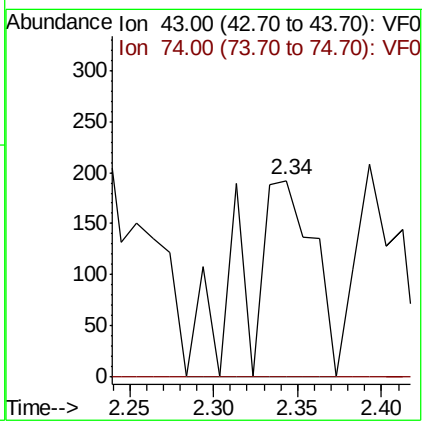


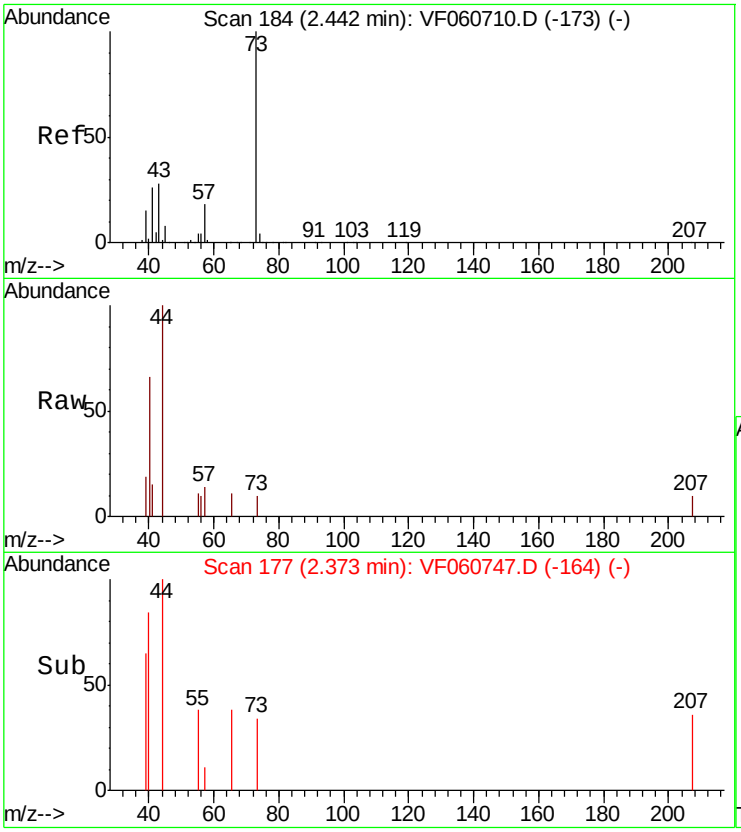


#18
Methyl Acetate
Concen: 546.246 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 43 Resp: 562

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#



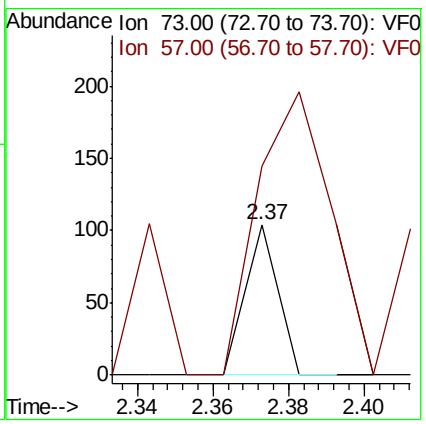


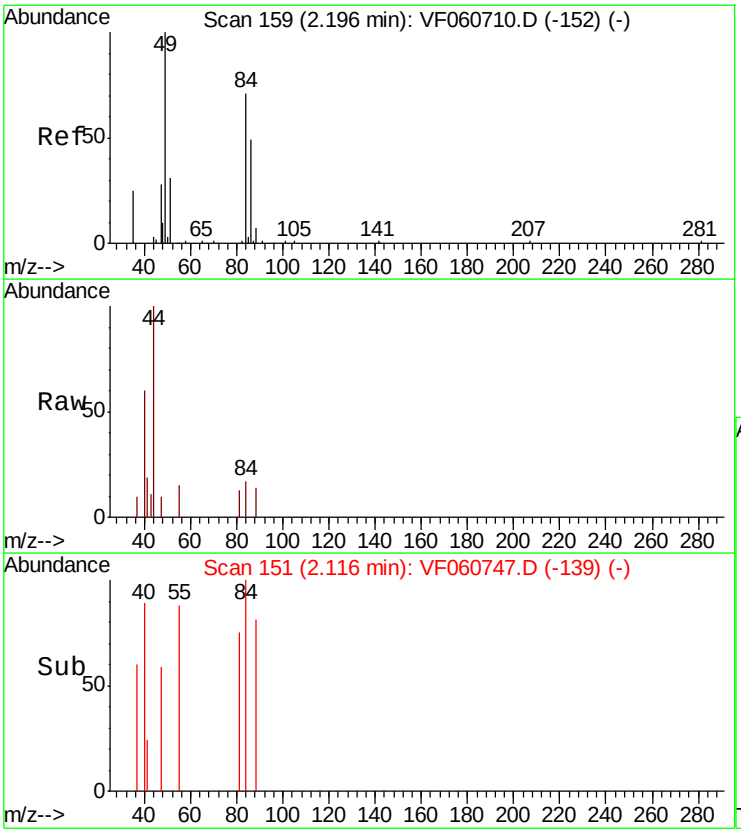
#19
Methyl tert-butyl Ether
Concen: 12.326 ug/l
RT: 2.37 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 73 Resp: 62

Ion	Ratio	Lower	Upper
73	100		
57	139.4	14.3	21.5#

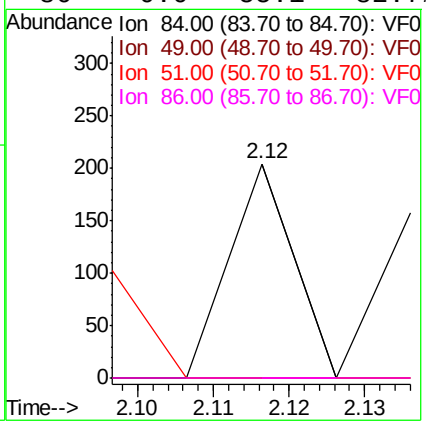


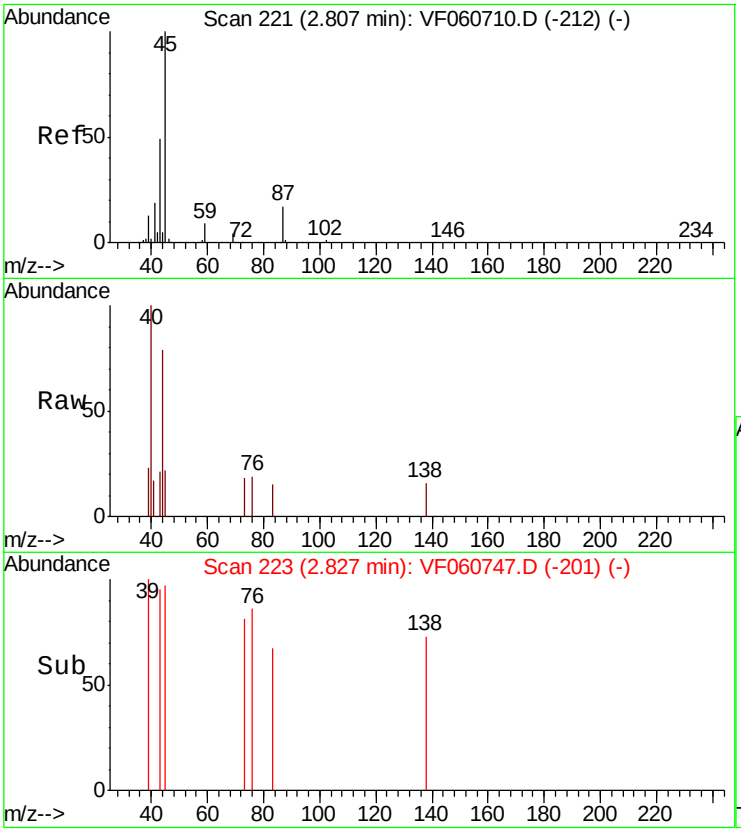


#20
Methylene Chloride
Concen: 58.599 ug/l
RT: 2.12 min Scan# 151
Delta R.T. -0.08 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 84 Resp: 121

Ion	Ratio	Lower	Upper
84	100		
49	0.0	120.2	180.4#
51	0.0	37.2	55.8#
86	0.0	55.1	82.7#



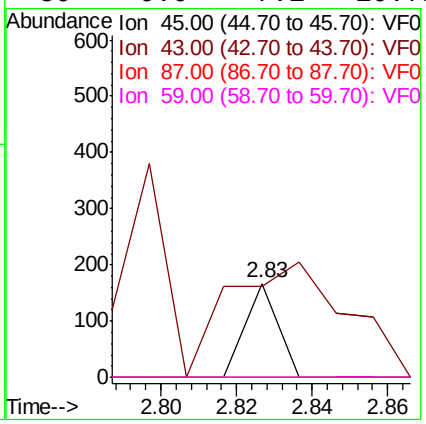


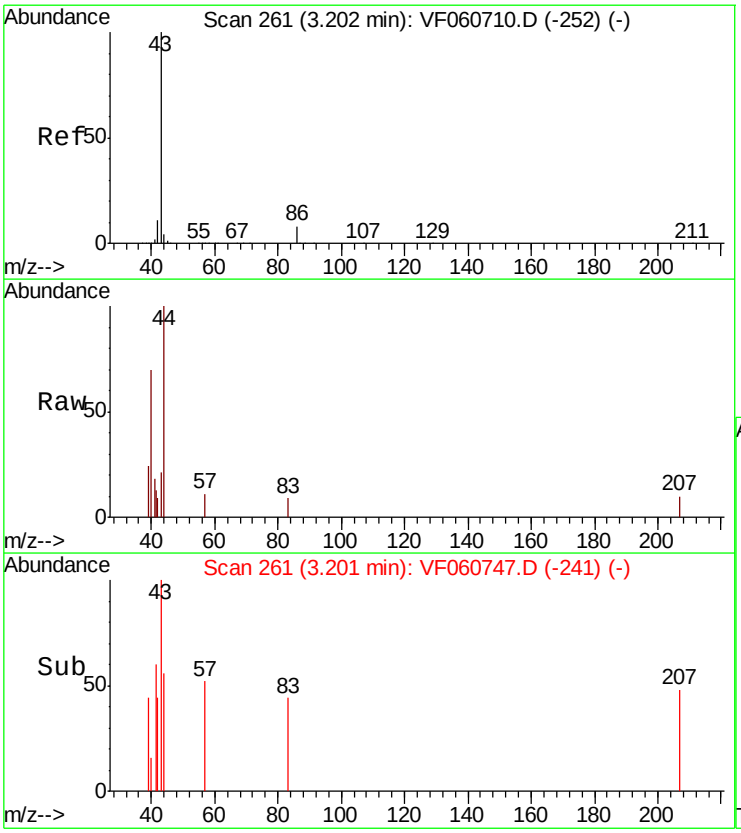
#22
Diisopropyl ether
Concen: 13.960 ug/l
RT: 2.83 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 45 Resp: 99

Ion	Ratio	Lower	Upper
45	100		
43	97.6	39.9	59.9#
87	0.0	13.9	20.9#
59	0.0	7.1	10.7#

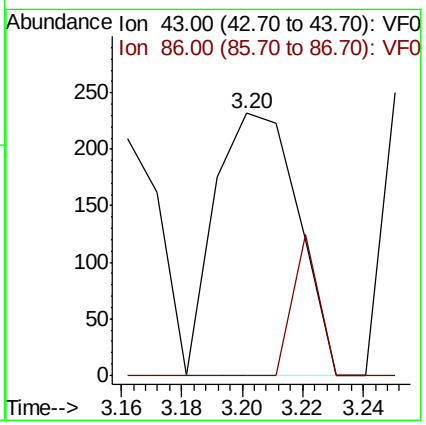


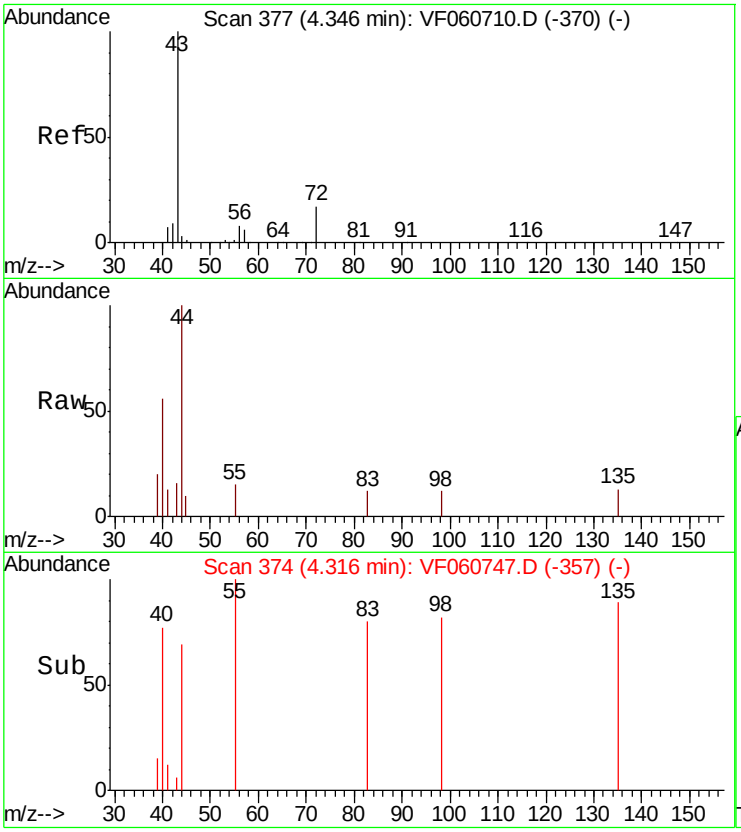


#23
Vinyl Acetate
Concen: 132.958 ug/l
RT: 3.20 min Scan# 261
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 43 Resp: 444

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.4	9.6#



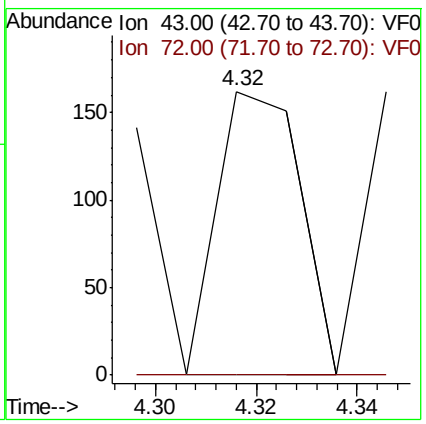


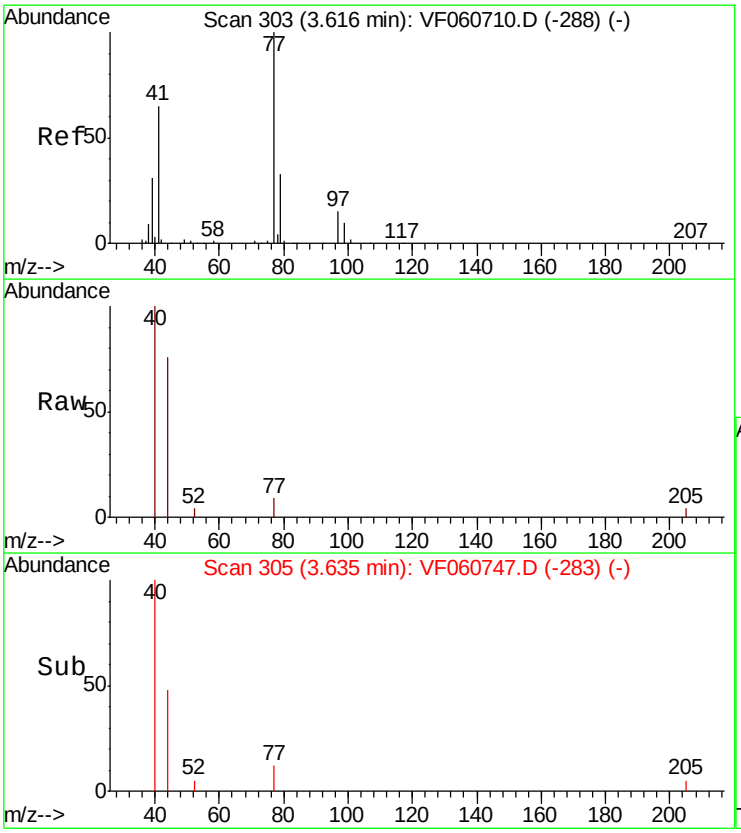
#25
2-Butanone
Concen: 179.509 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 185

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#

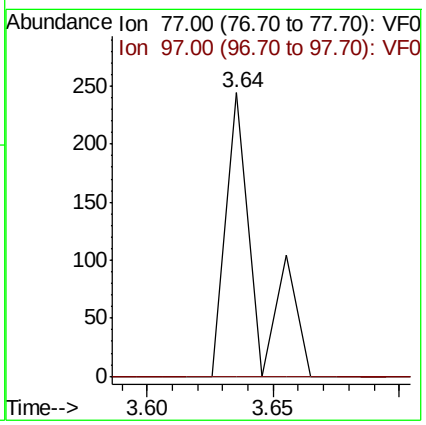


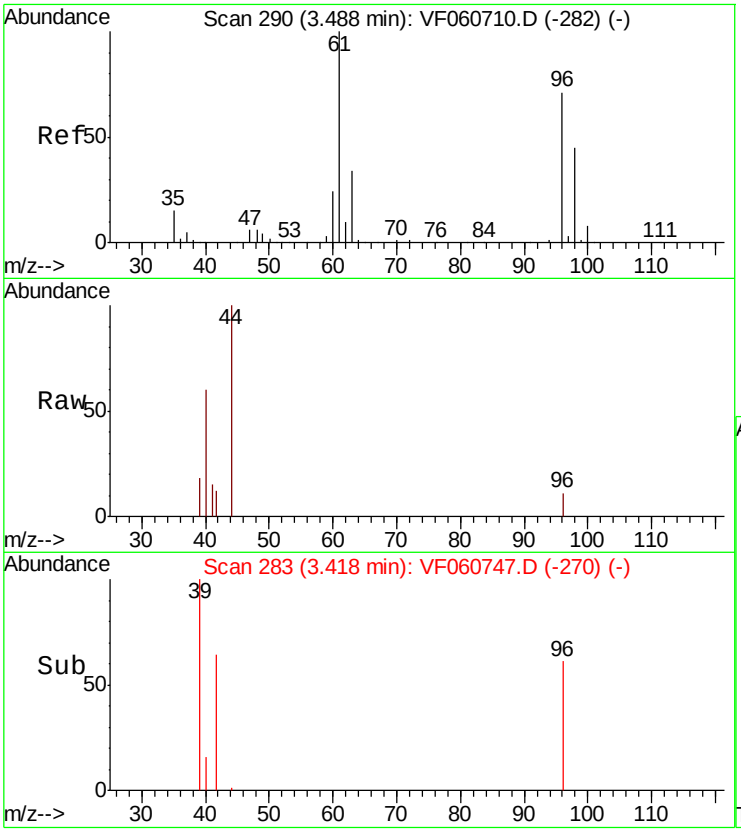


#26
2,2-Dichloropropane
Concen: 60.973 ug/l
RT: 3.64 min Scan# 305
Delta R.T. 0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 77 Resp: 206

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.8	26.5#



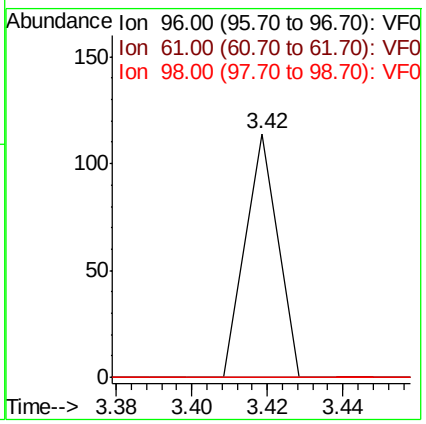


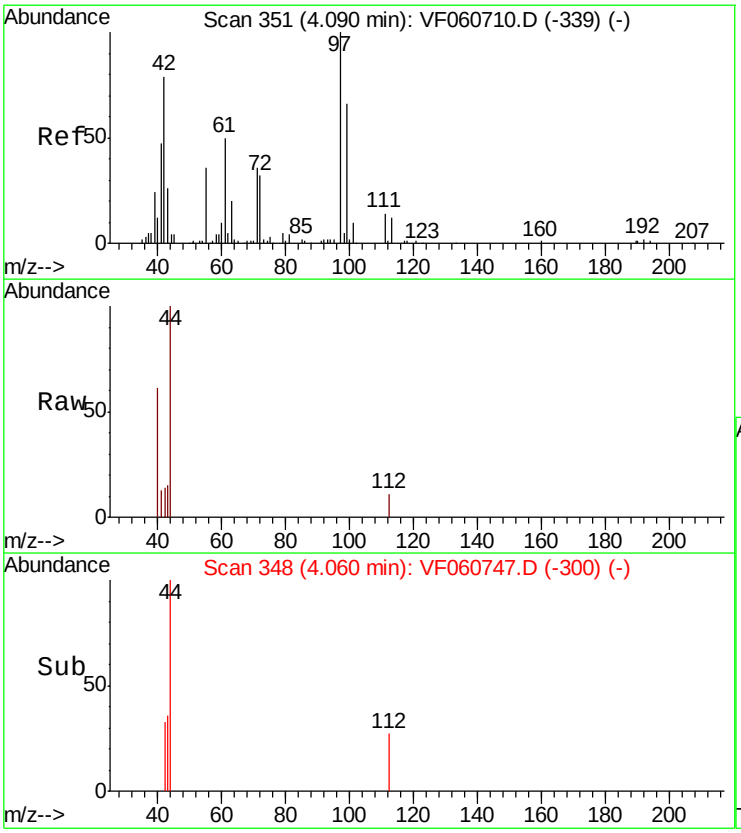
#27
cis-1,2-Dichloroethene
Concen: 17.979 ug/l
RT: 3.42 min Scan# 283
Delta R.T. -0.07 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 67

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	280.6
98	0.0	0.0	127.6

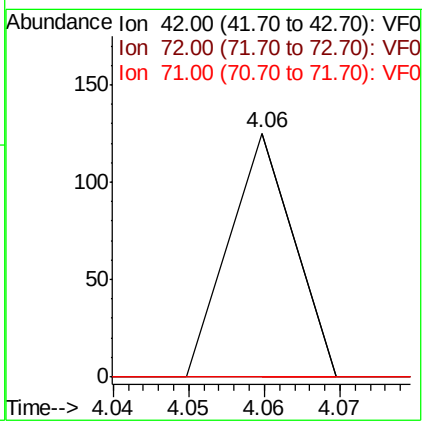


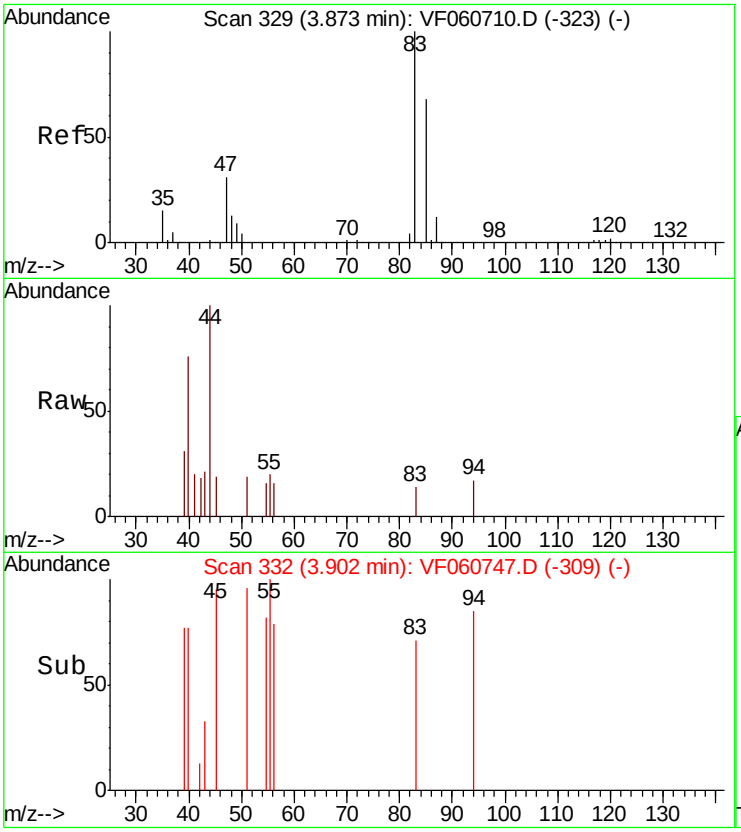


#29
Tetrahydrofuran
Concen: 174.076 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 42 Resp: 74

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



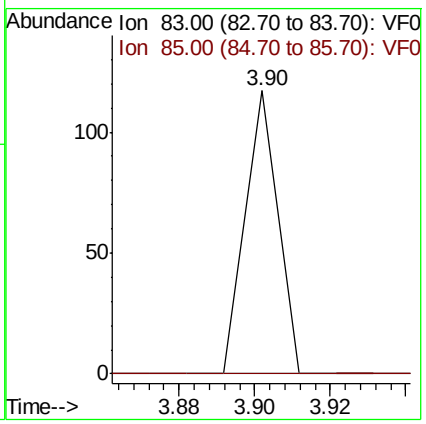


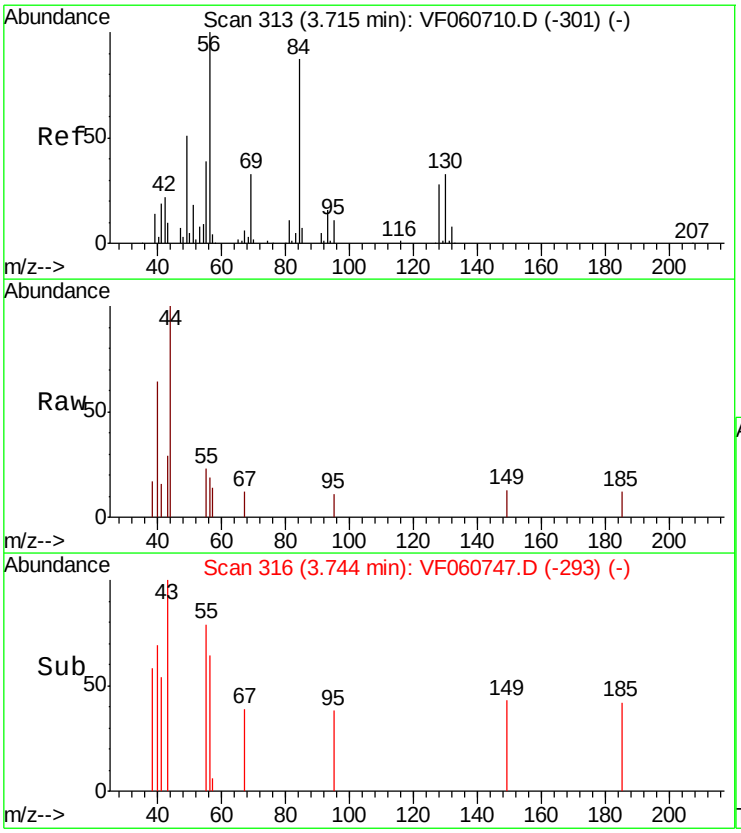
#30
Chloroform
Concen: 10.017 ug/l
RT: 3.90 min Scan# 332
Delta R.T. 0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 69

Ion	Ratio	Lower	Upper
83	100		
85	0.0	54.6	82.0#

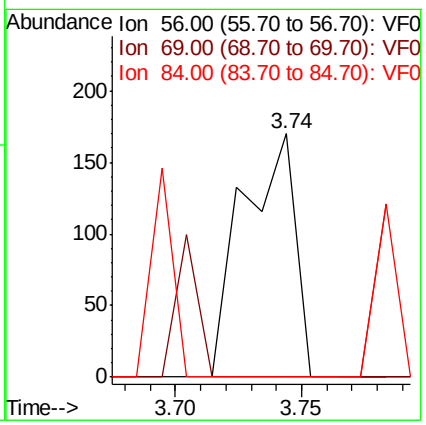


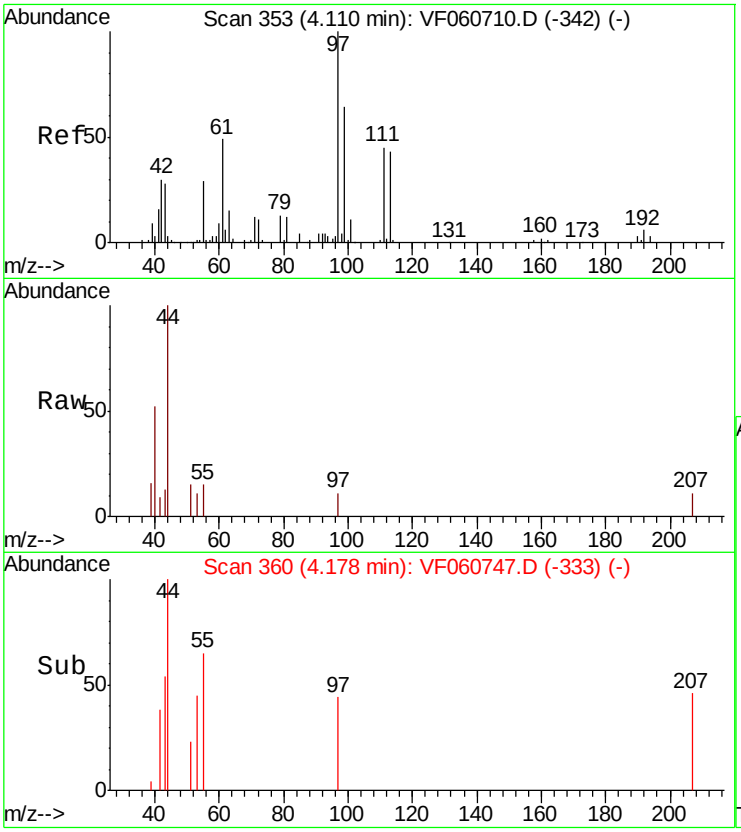


#31
Cyclohexane
Concen: 47.594 ug/l
RT: 3.74 min Scan# 316
Delta R.T. 0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 56 Resp: 248

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.0	39.0#
84	0.0	69.4	104.2#



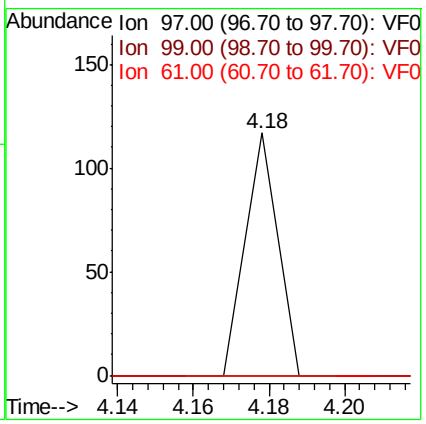


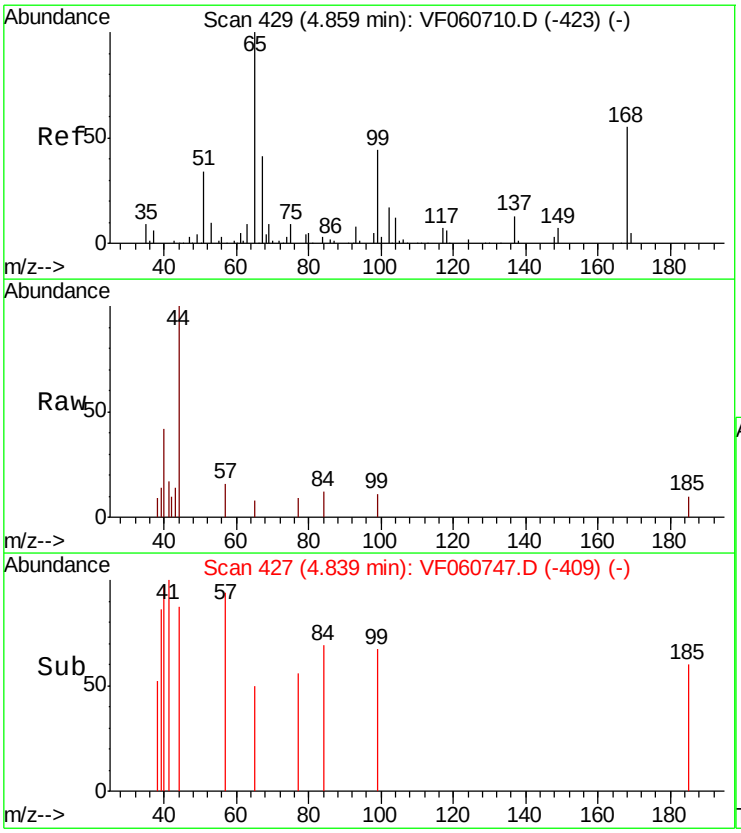
#32
1,1,1-Trichloroethane
Concen: 12.720 ug/l
RT: 4.18 min Scan# 360
Delta R.T. 0.07 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 69

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	0.0	40.1	60.1#

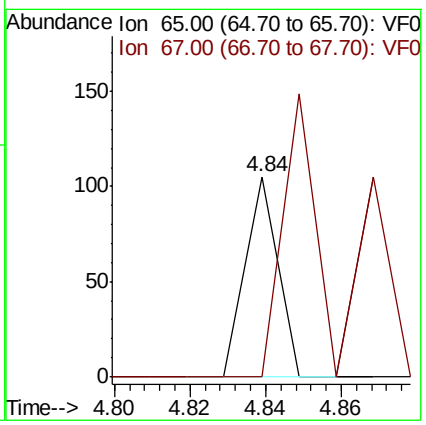


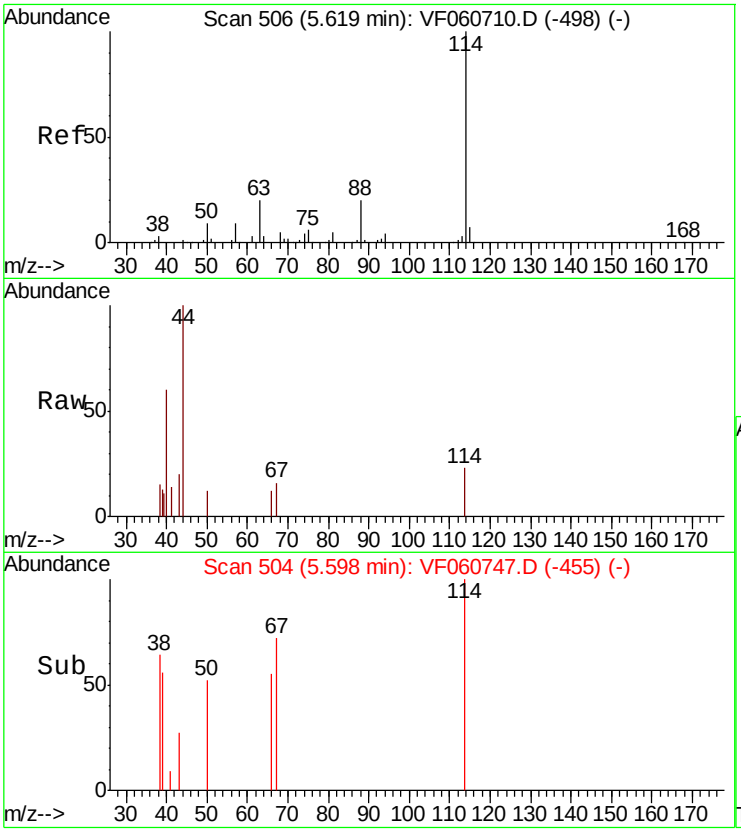


#33
1,2-Dichloroethane-d4
Concen: 21.150 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 65 Resp: 62

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	90.2



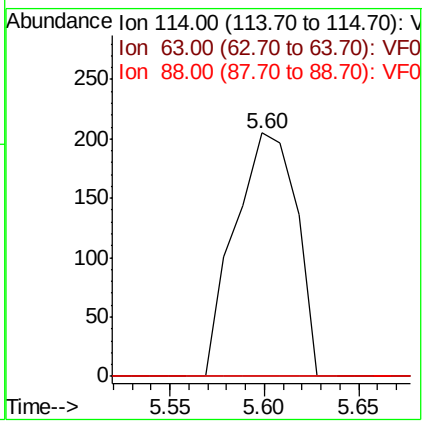


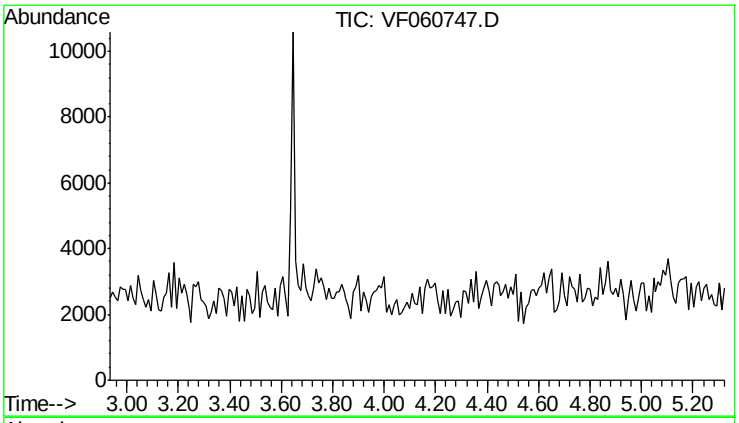
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 463

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



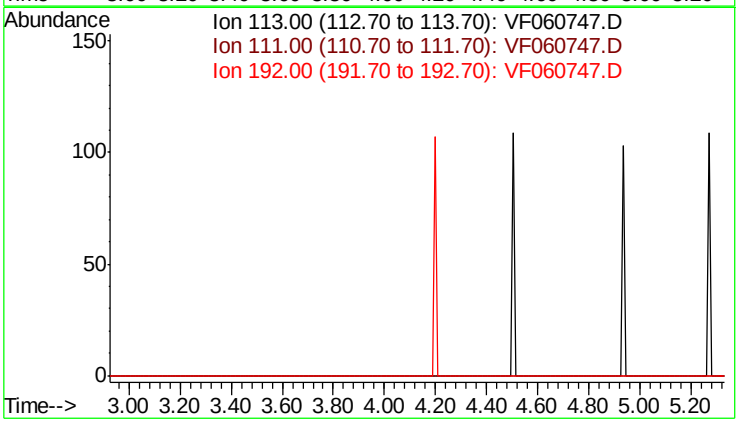


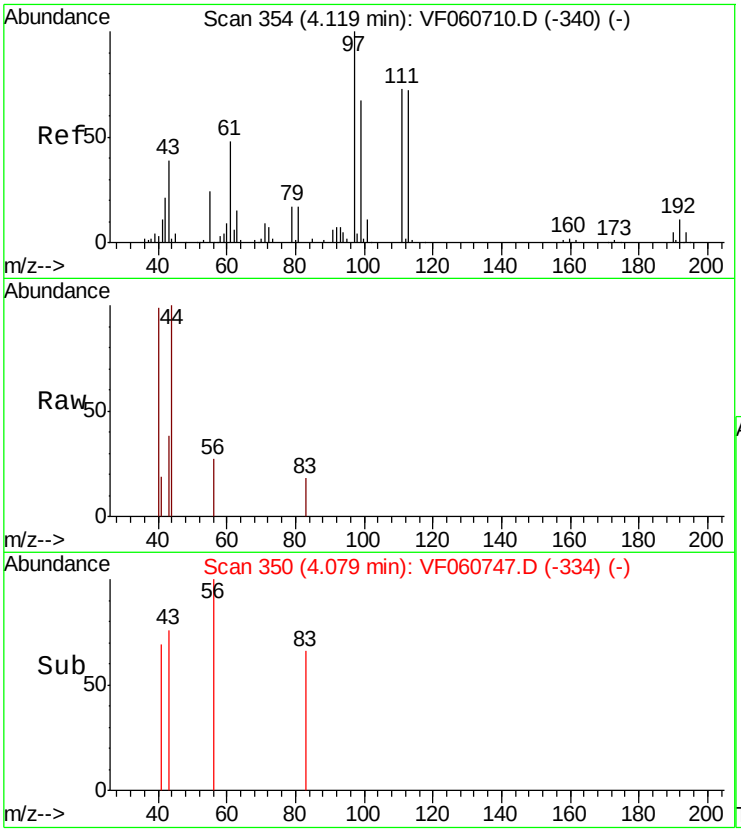
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.13 min

Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	108.9
192	17.2



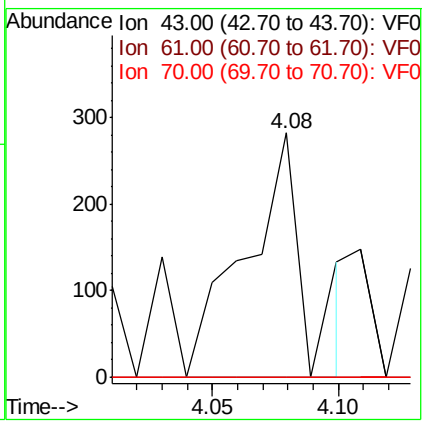


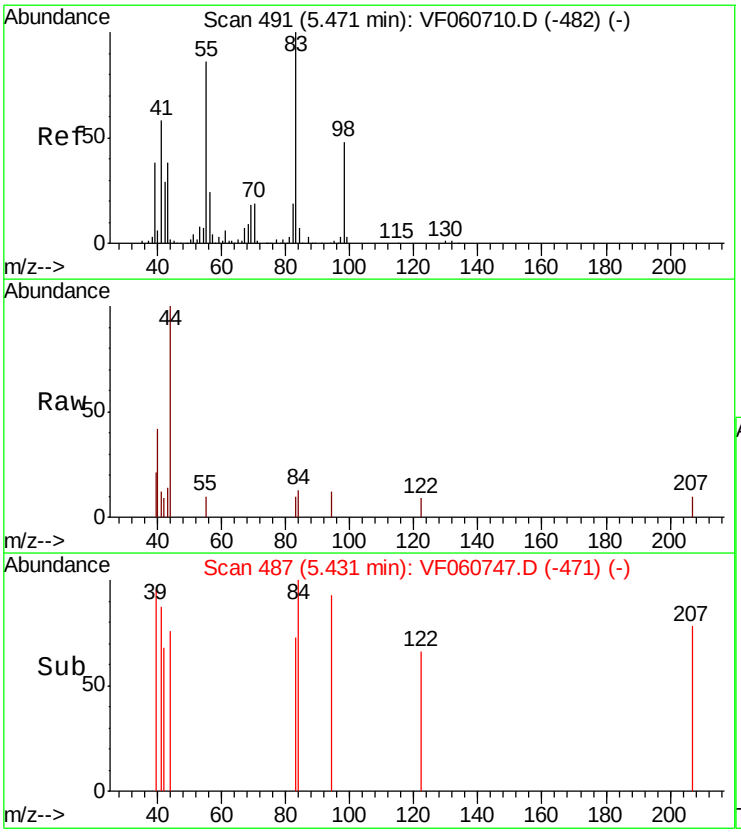
#37
Ethyl Acetate
Concen: 236.935 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 473

Ion	Ratio	Lower	Upper
43	100		
61	0.0	98.5	147.7#
70	0.0	7.4	11.0#

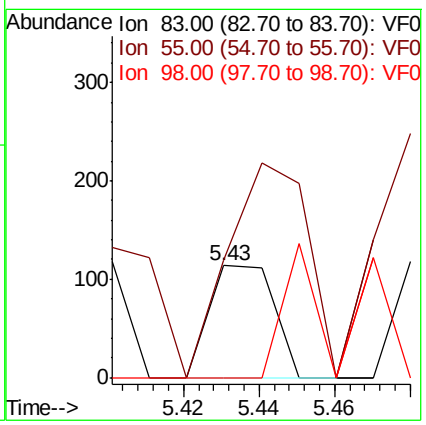


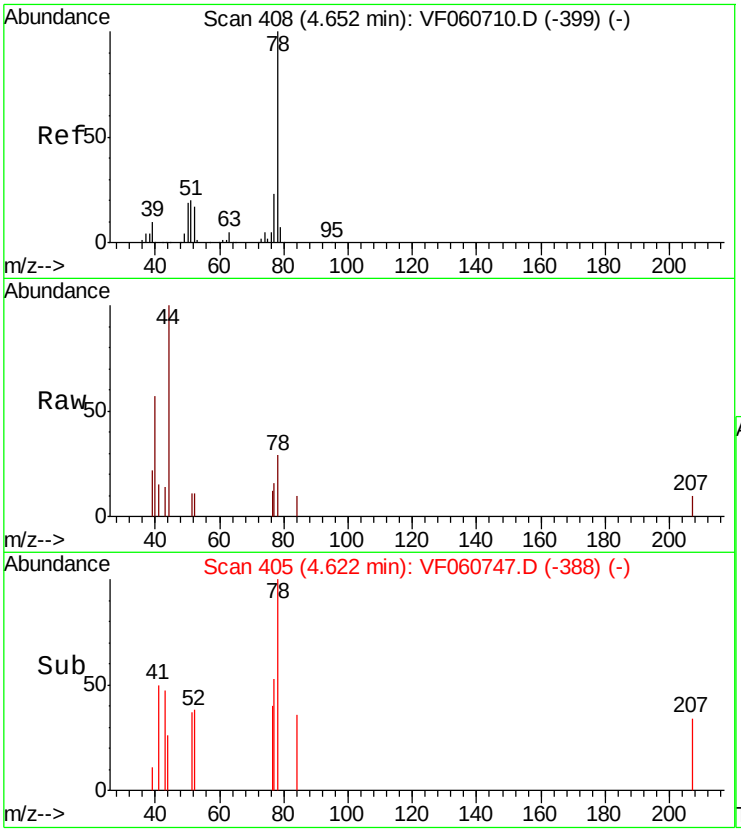


#39
Methylcyclohexane
Concen: 21.350 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.04 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 83 Resp: 133

Ion	Ratio	Lower	Upper
83	100		
55	104.4	69.0	103.4#
98	0.0	38.5	57.7#



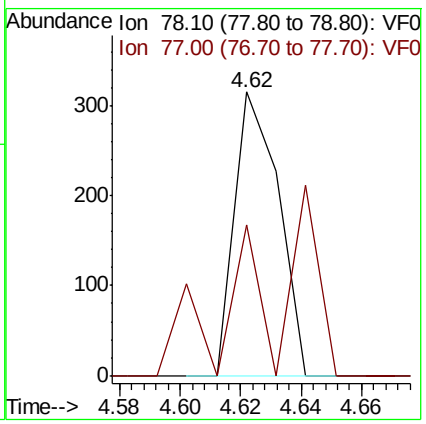


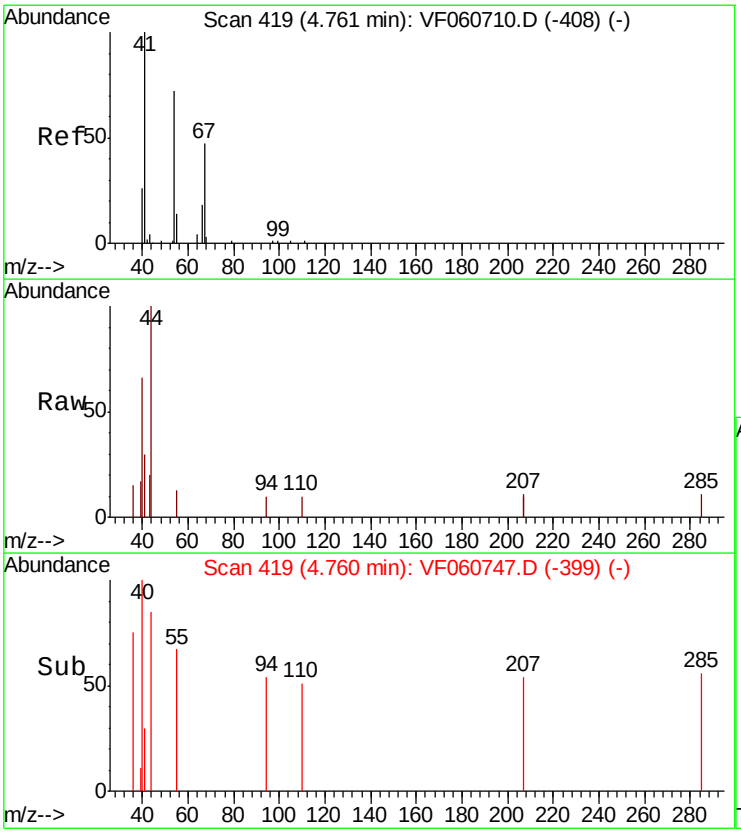
#40
Benzene
Concen: 26.818 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 321

Ion	Ratio	Lower	Upper
78	100		
77	53.3	18.6	28.0#

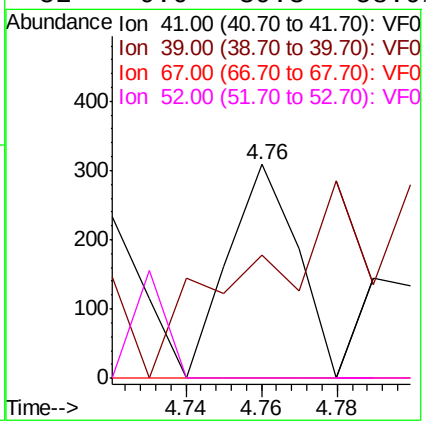


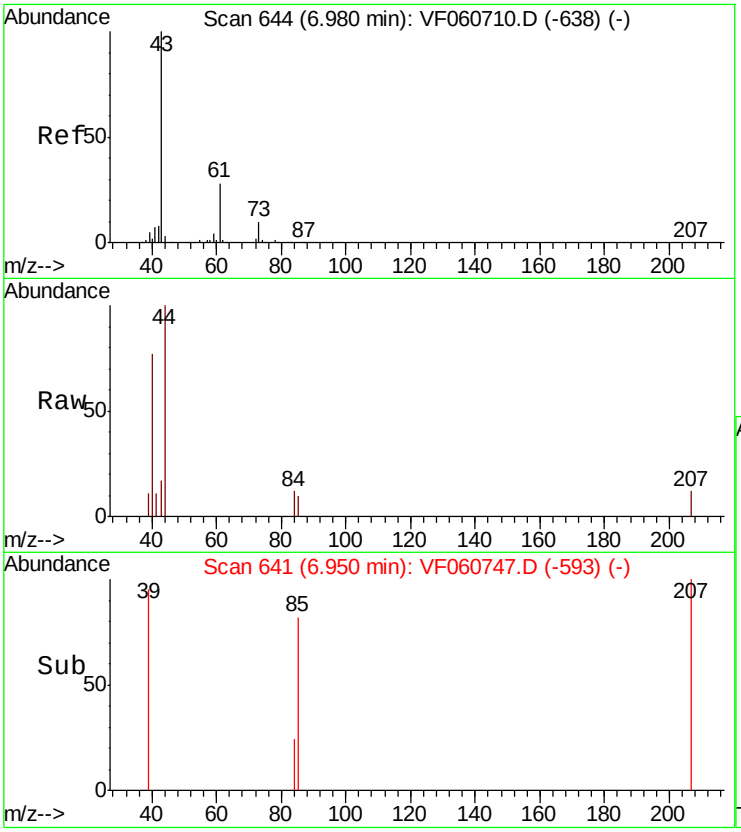


#41
Methacrylonitrile
Concen: 395.386 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 41 Resp: 389

Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.1	70.7
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#



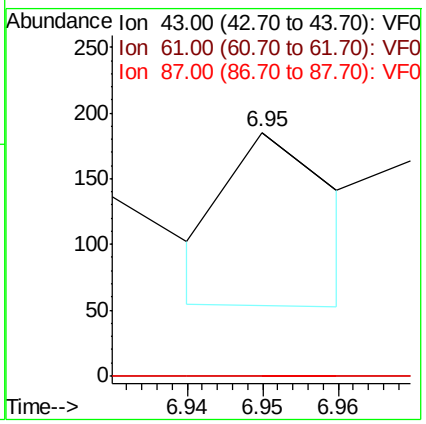


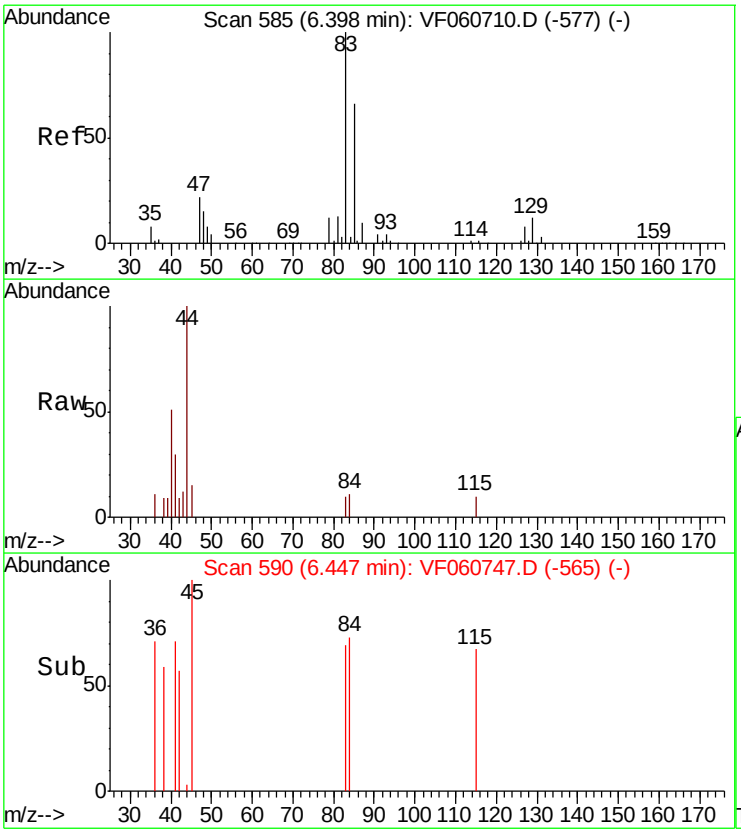
#43
Isopropyl Acetate
Concen: 49.114 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 130

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.2	33.4#
87	0.0	0.4	0.6#

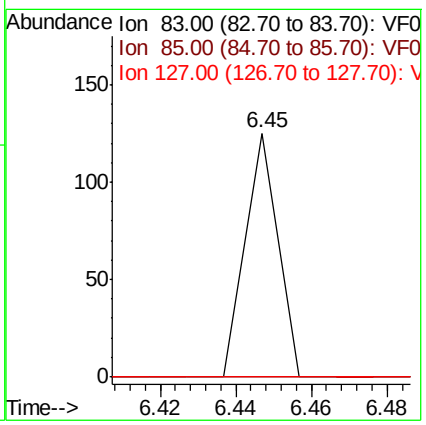


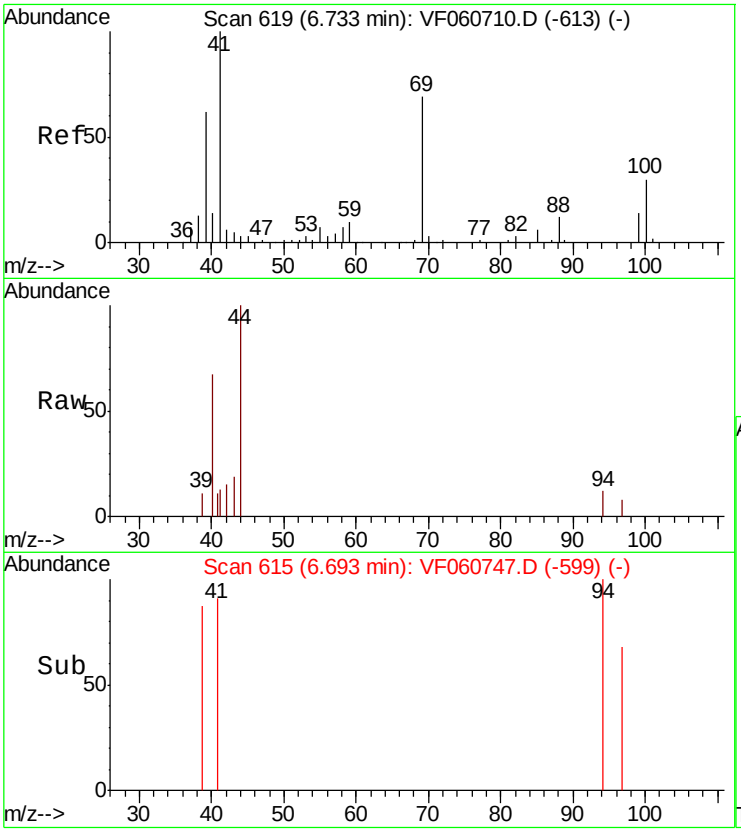


#47
Bromodichloromethane
Concen: 14.094 ug/l
RT: 6.45 min Scan# 590
Delta R.T. 0.05 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 83 Resp: 74

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.4	78.6#
127	0.0	6.8	10.2#



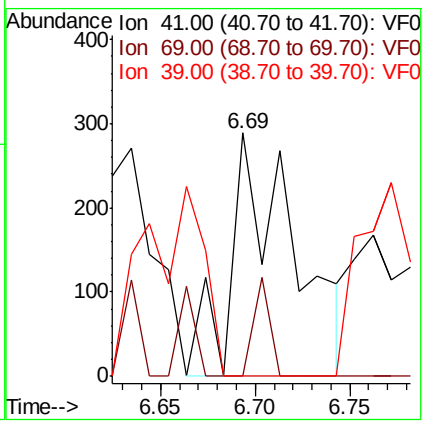


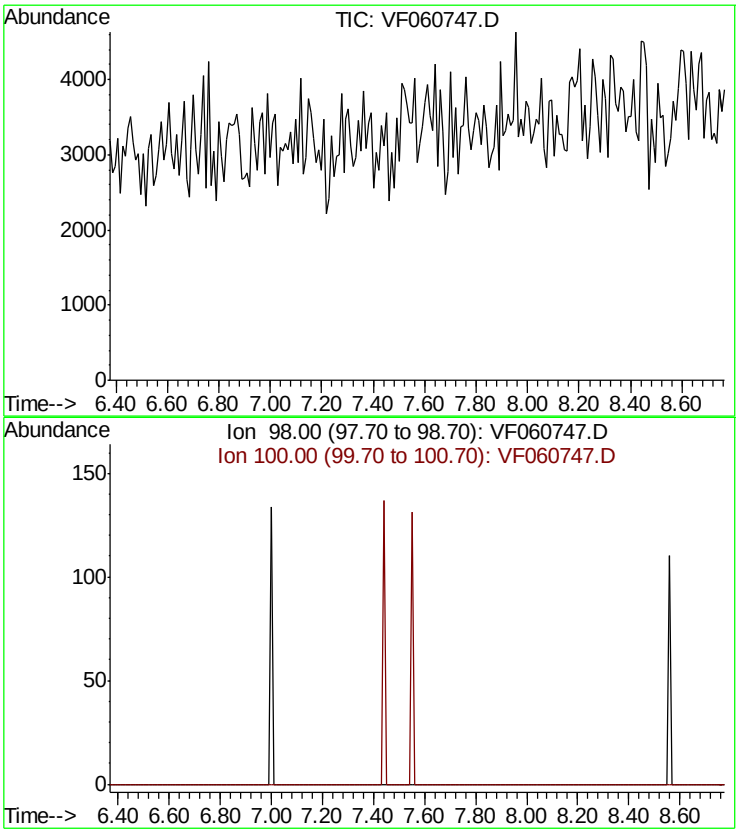
#48
Methyl methacrylate
Concen: 383.613 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.04 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 672

Ion	Ratio	Lower	Upper
41	100		
69	0.0	54.9	82.3#
39	0.0	49.6	74.4#



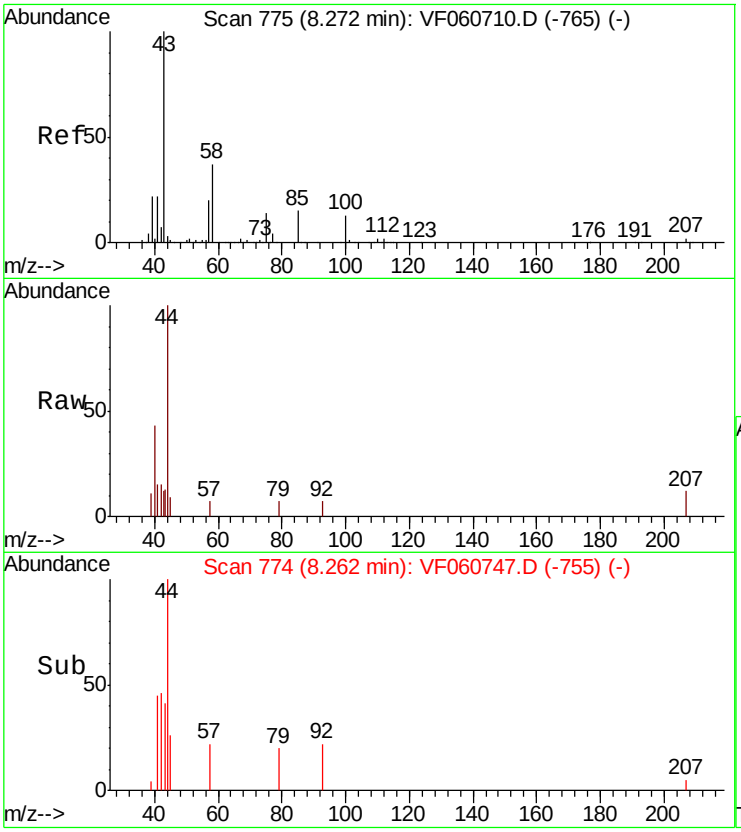


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	70.6

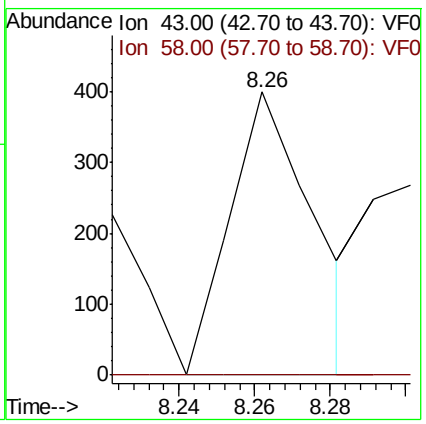


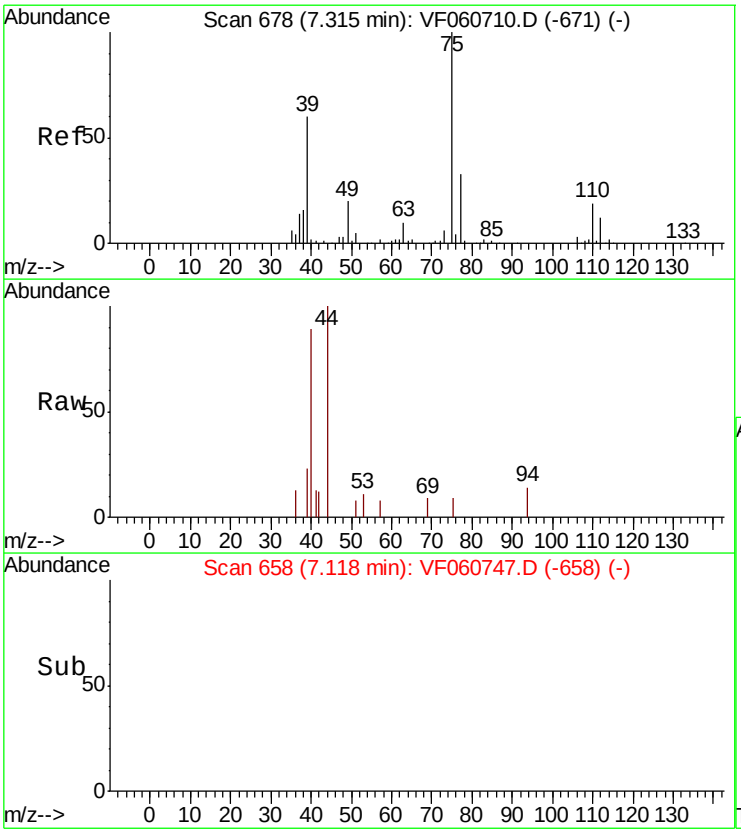
#51
4-Methyl-2-Pentanone
Concen: 314.988 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 603

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	43.8#

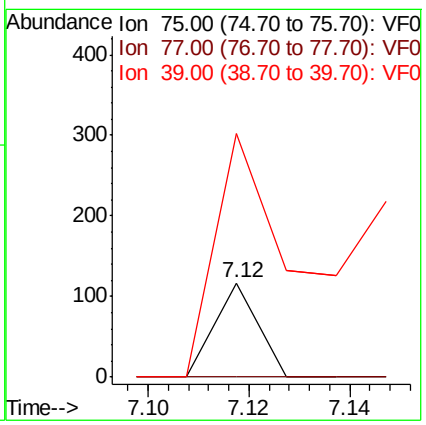


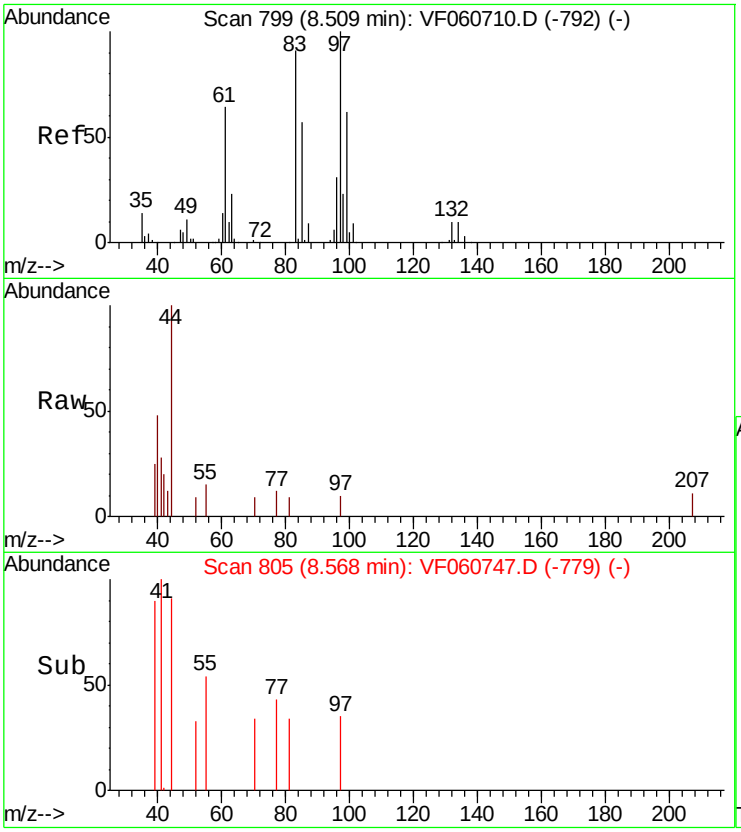


#54
cis-1,3-Dichloropropene
Concen: 12.632 ug/l
RT: 7.12 min Scan# 658
Delta R.T. -0.20 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 75 Resp: 69

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.5	39.7#
39	258.1	48.5	72.7#



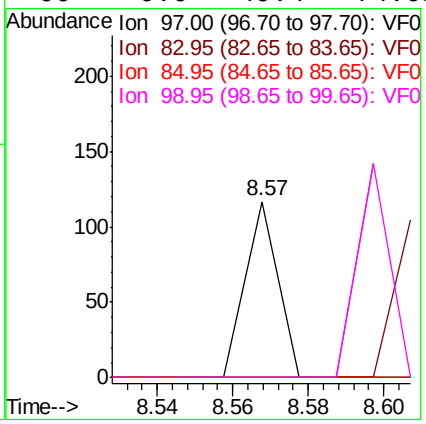


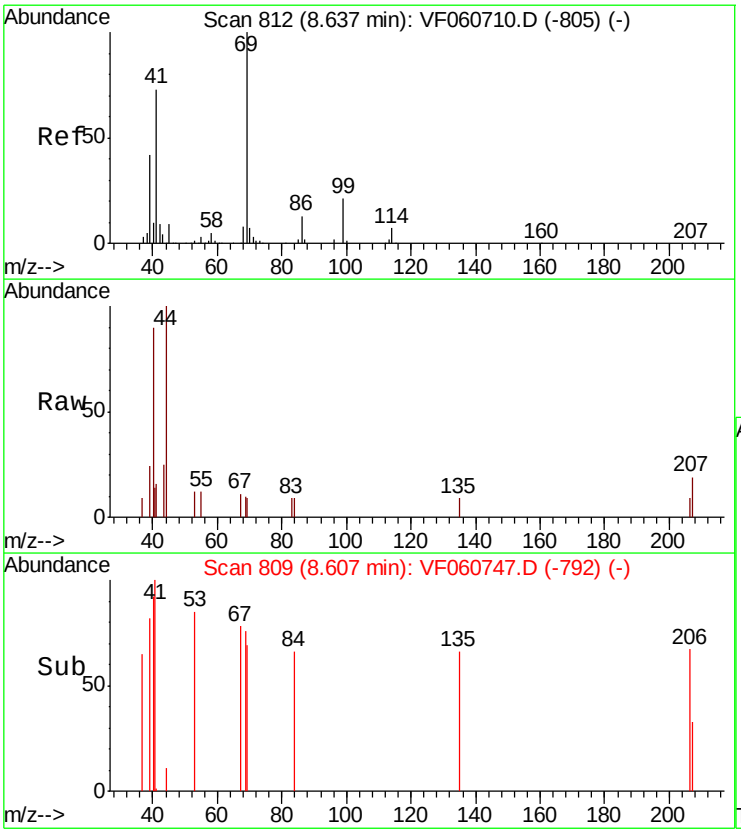
#55
1,1,2-Trichloroethane
Concen: 30.107 ug/l
RT: 8.57 min Scan# 805
Delta R.T. 0.06 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 69

Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.8	109.2#
85	0.0	45.8	68.6#
99	0.0	49.4	74.0#

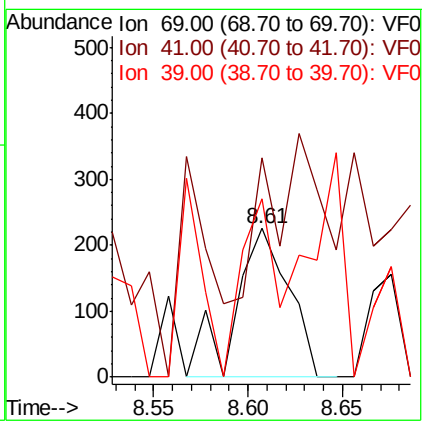


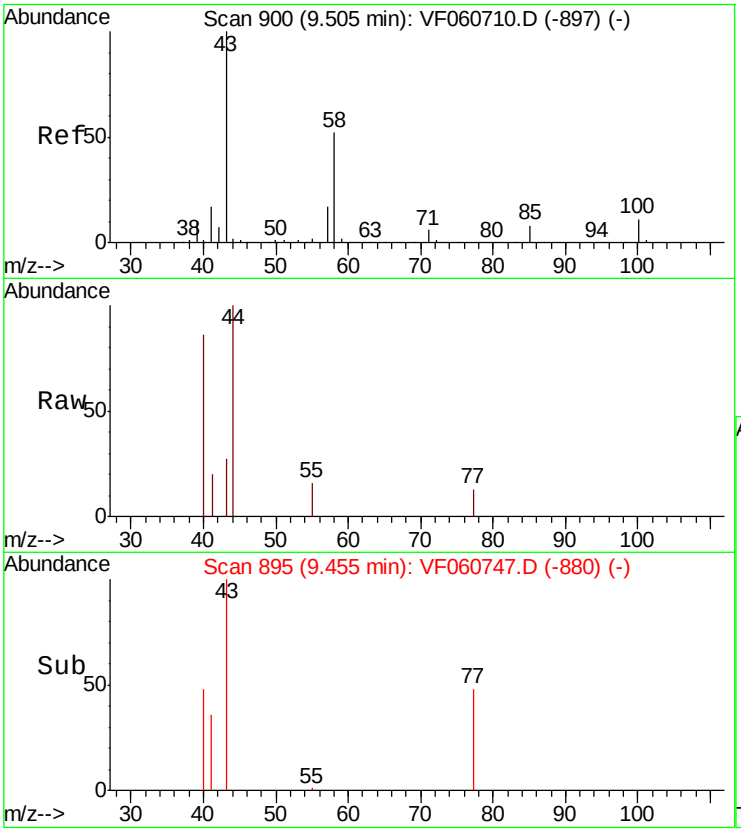


#56
Ethyl methacrylate
Concen: 170.584 ug/l
RT: 8.61 min Scan# 809
Delta R.T. -0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 69 Resp: 444

Ion	Ratio	Lower	Upper
69	100		
41	148.0	59.0	88.6#
39	120.0	34.0	51.0#



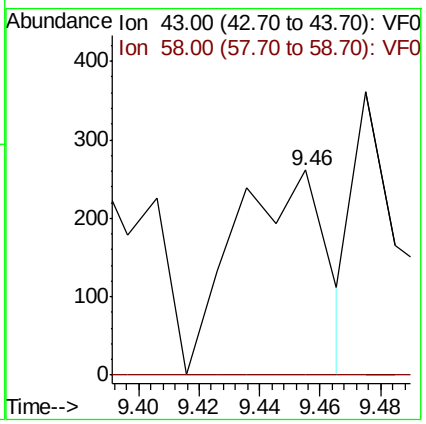


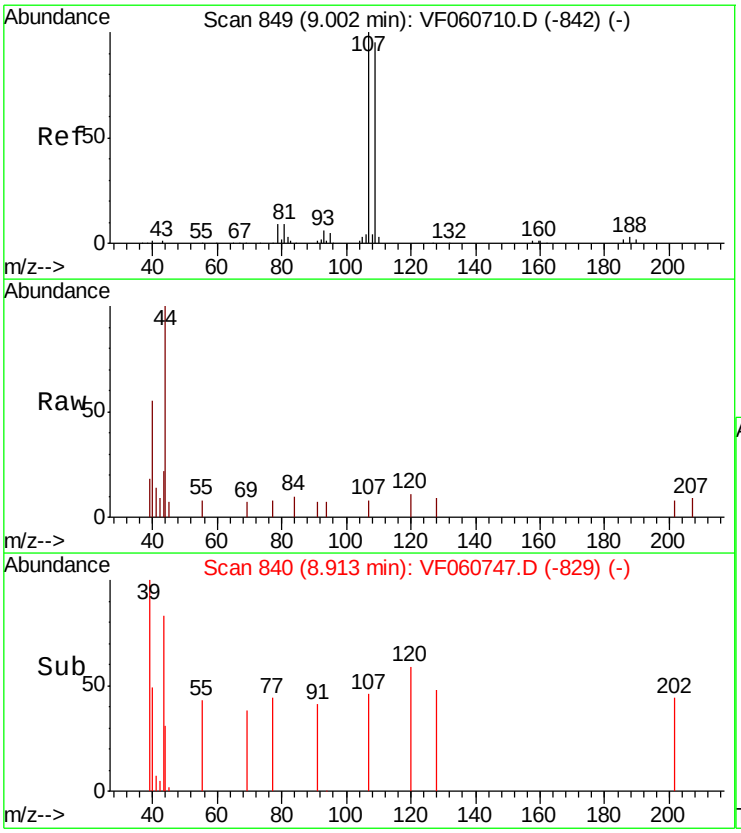
#59
2-Hexanone
Concen: 412.531 ug/l
RT: 9.46 min Scan# 895
Delta R.T. -0.05 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 555

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.7#

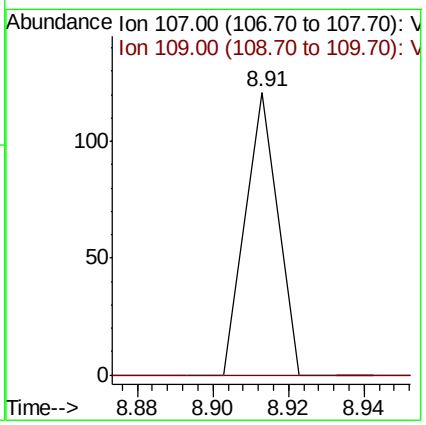


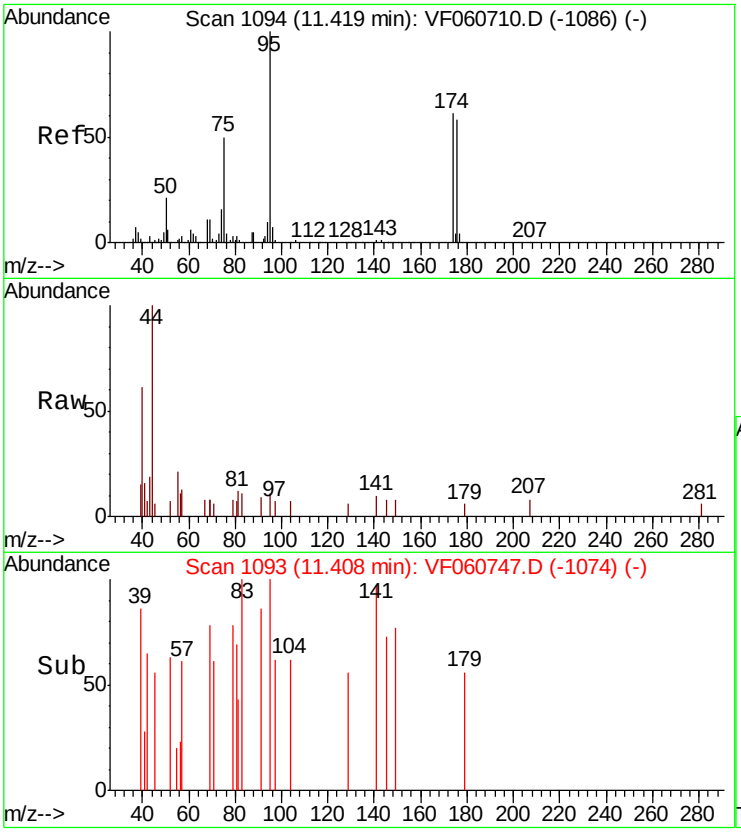


#61
1,2-Dibromoethane
Concen: 29.872 ug/l
RT: 8.91 min Scan# 840
Delta R.T. -0.09 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:107 Resp: 72

Ion	Ratio	Lower	Upper
107	100		
109	0.0	75.9	113.9#



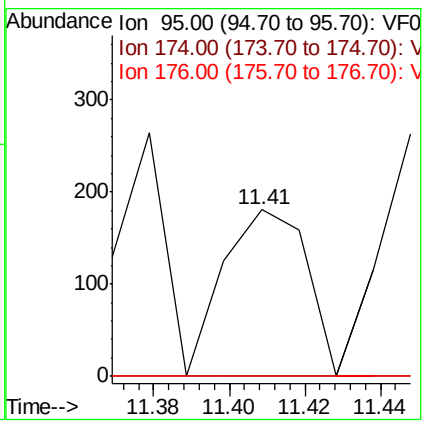


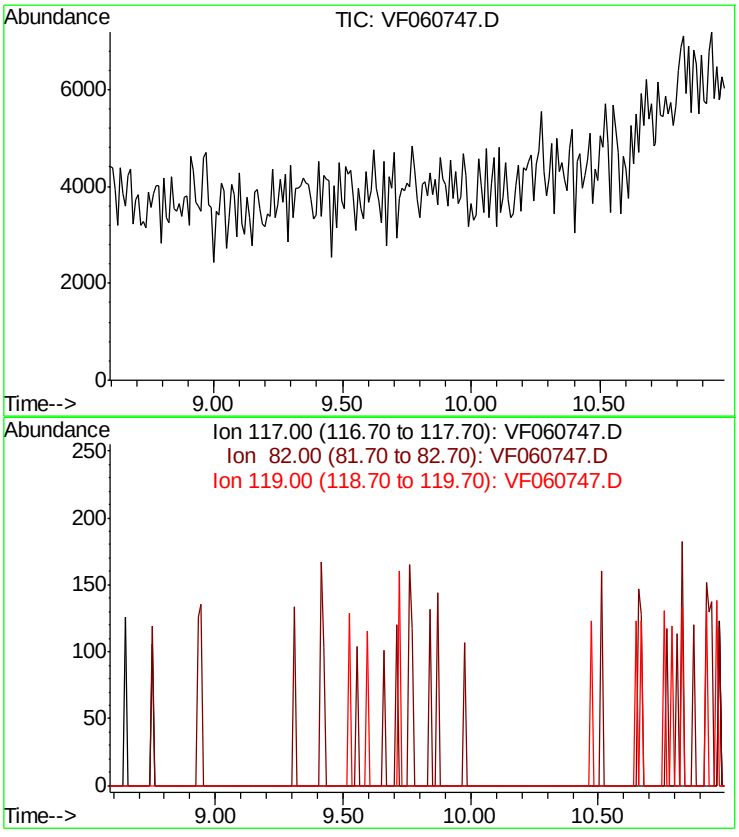
#62
4-Bromofluorobenzene
Concen: 68.511 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 276

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



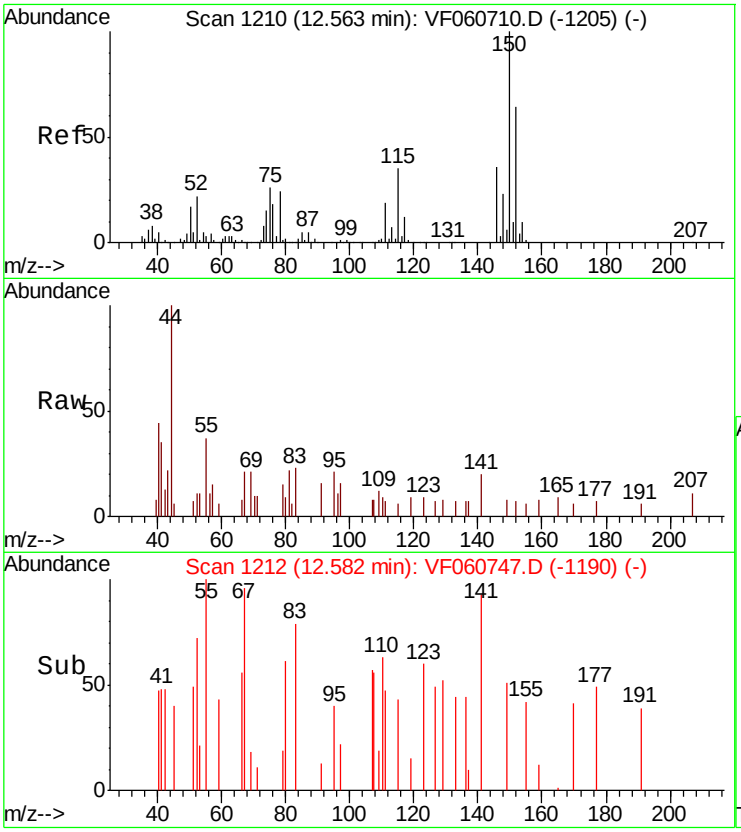


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.79 min

Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	59.9
119	33.5

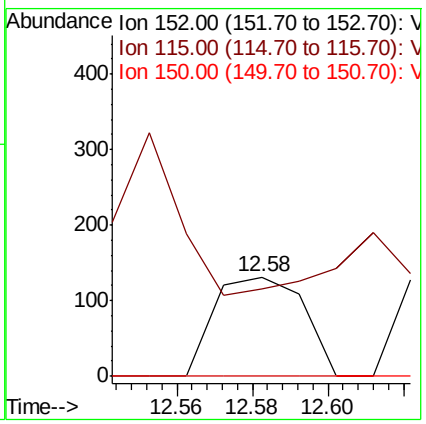


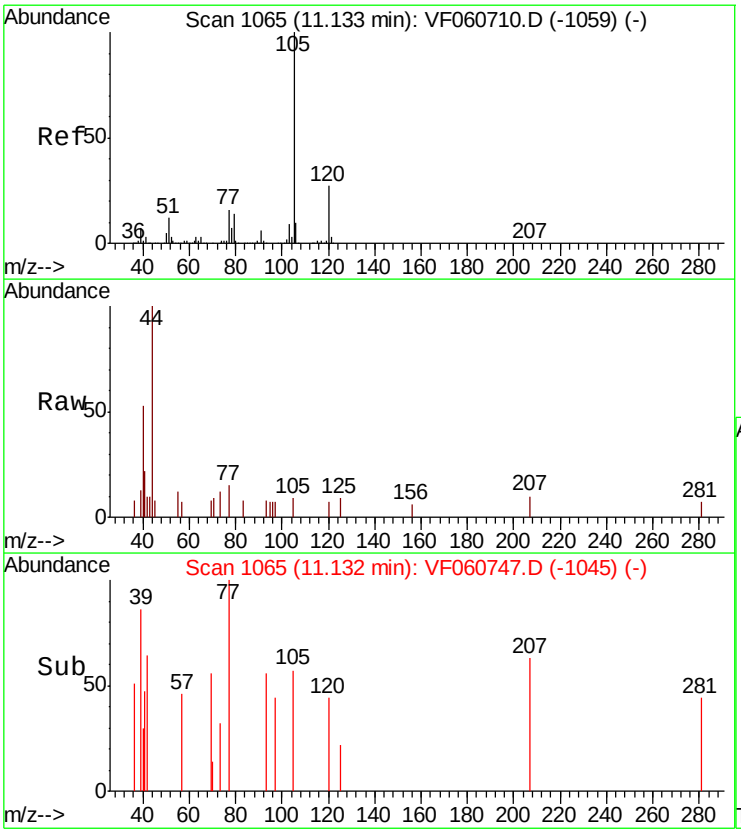
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1212
Delta R.T. 0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 213

Ion	Ratio	Lower	Upper
152	100		
115	88.5	27.9	83.7#
150	0.0	0.0	316.4

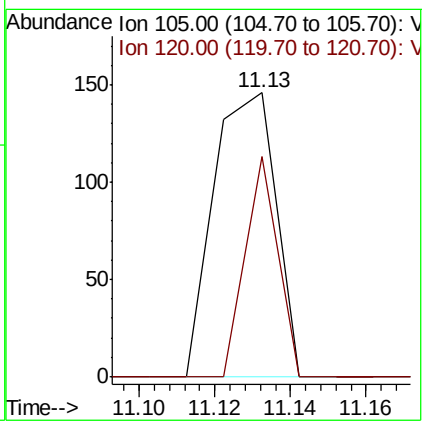


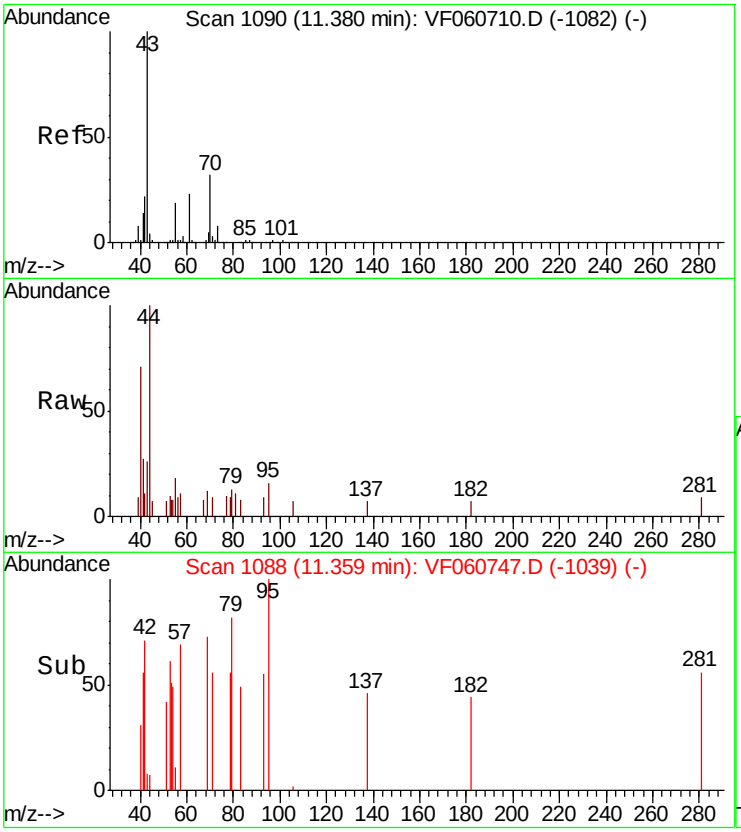


#73
Isopropylbenzene
Concen: 9.624 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:105 Resp: 165

Ion	Ratio	Lower	Upper
105	100		
120	77.4	13.4	40.1#



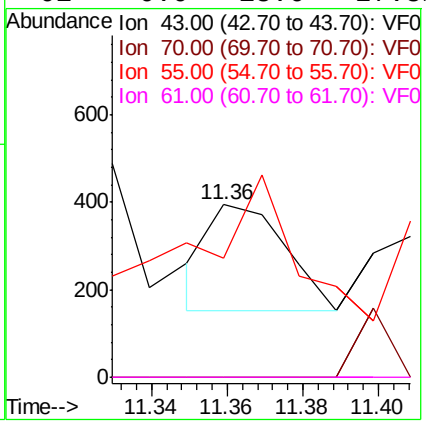


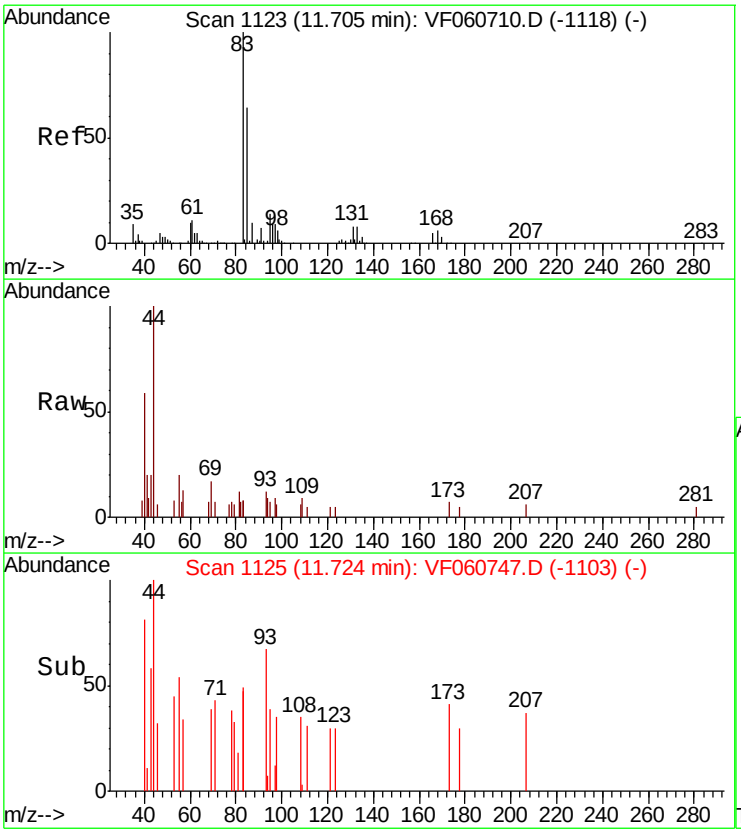
#74
N-amyl acetate
Concen: 86.086 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 336

Ion	Ratio	Lower	Upper
43	100		
70	0.0	25.5	38.3#
55	69.3	14.9	22.3#
61	0.0	18.6	27.8#

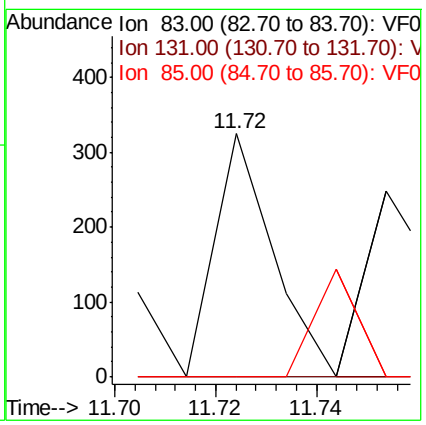


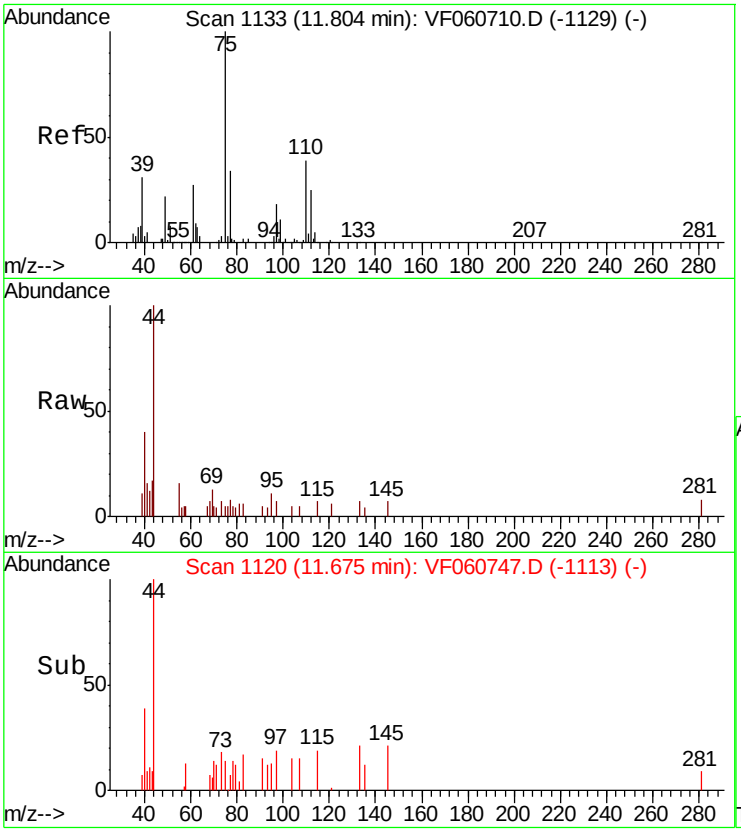


#75
1,1,2,2-Tetrachloroethane
Concen: 91.372 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. 0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 83 Resp: 259

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	0.0	32.0	96.2#



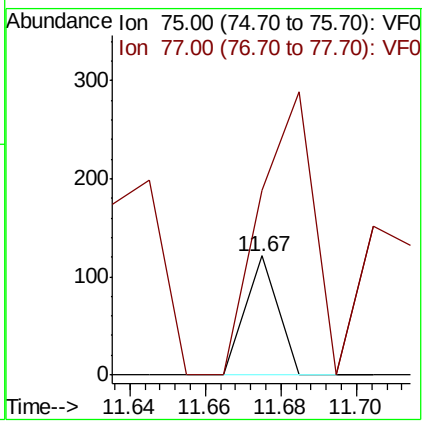


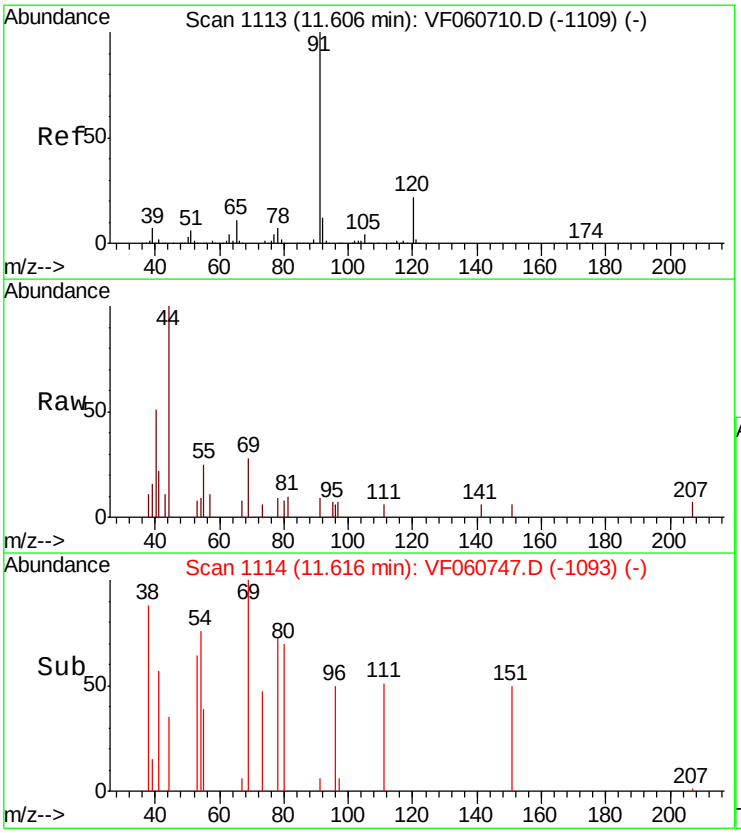
#76
1,2,3-Trichloropropane
Concen: 34.201 ug/l
RT: 11.67 min Scan# 1120
Delta R.T. -0.13 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
77	155.4	17.0	51.0#

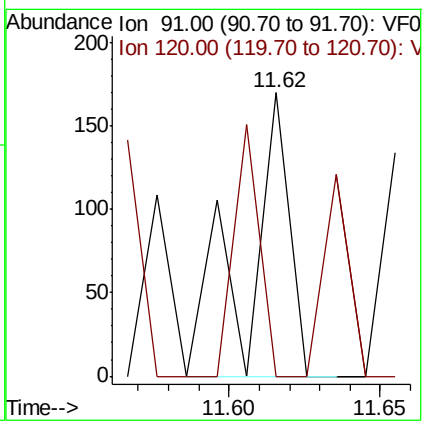


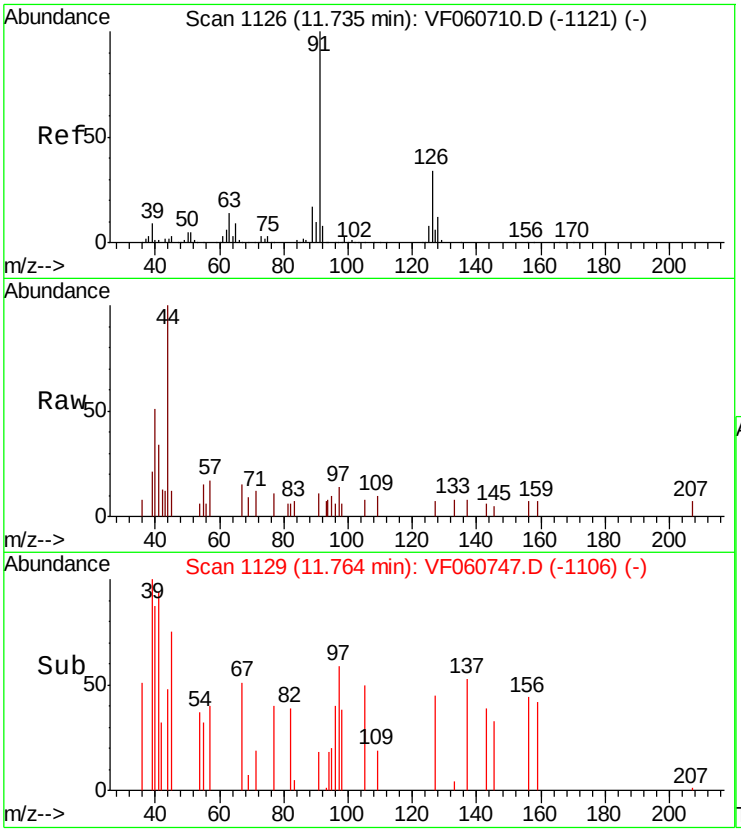


#78
n-propylbenzene
Concen: 8.152 ug/l
RT: 11.62 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 91 Resp: 163

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.2	33.5#



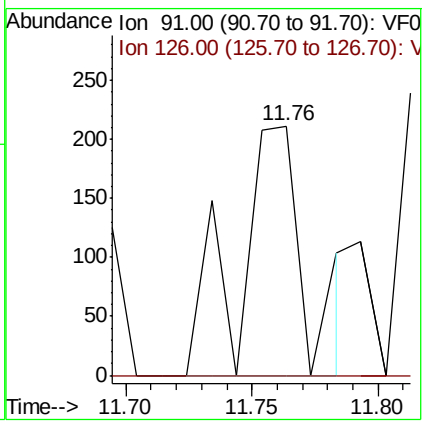


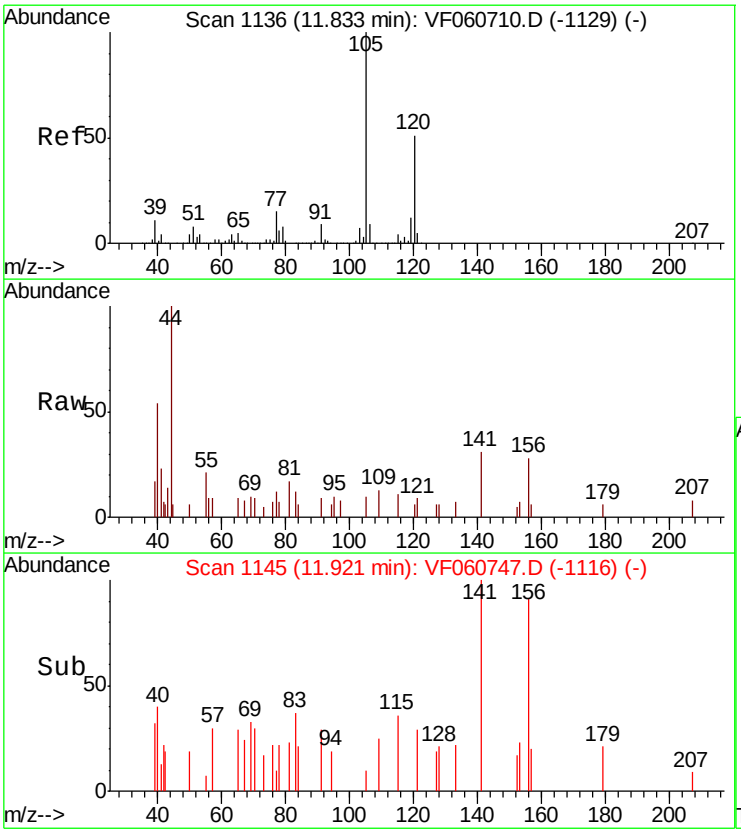
#79
2-Chlorotoluene
Concen: 34.160 ug/l
RT: 11.76 min Scan# 1129
Delta R.T. 0.03 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 397

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.8	50.4#

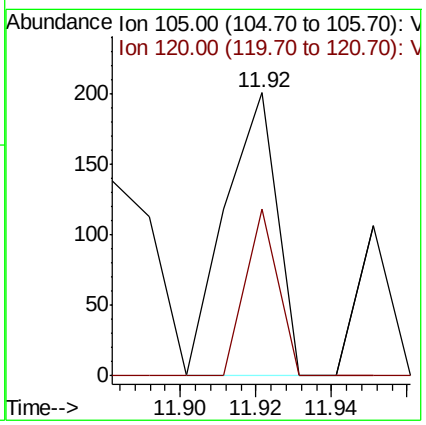


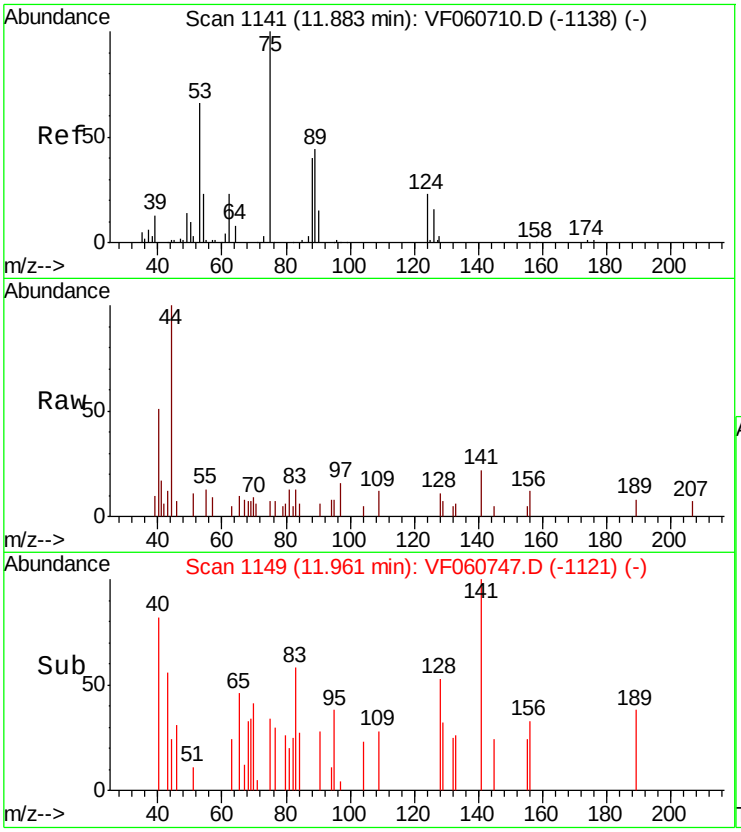


#80
1,3,5-Trimethylbenzene
Concen: 13.885 ug/l
RT: 11.92 min Scan# 1145
Delta R.T. 0.09 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:105 Resp: 189

Ion	Ratio	Lower	Upper
105	100		
120	58.7	25.6	76.8



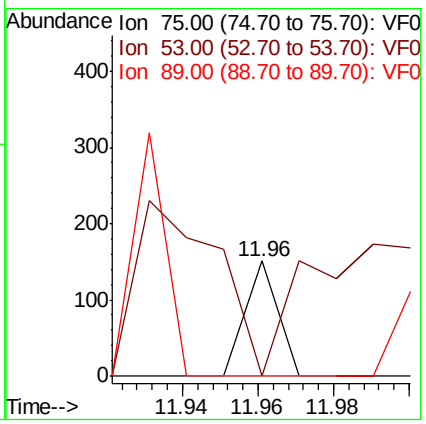


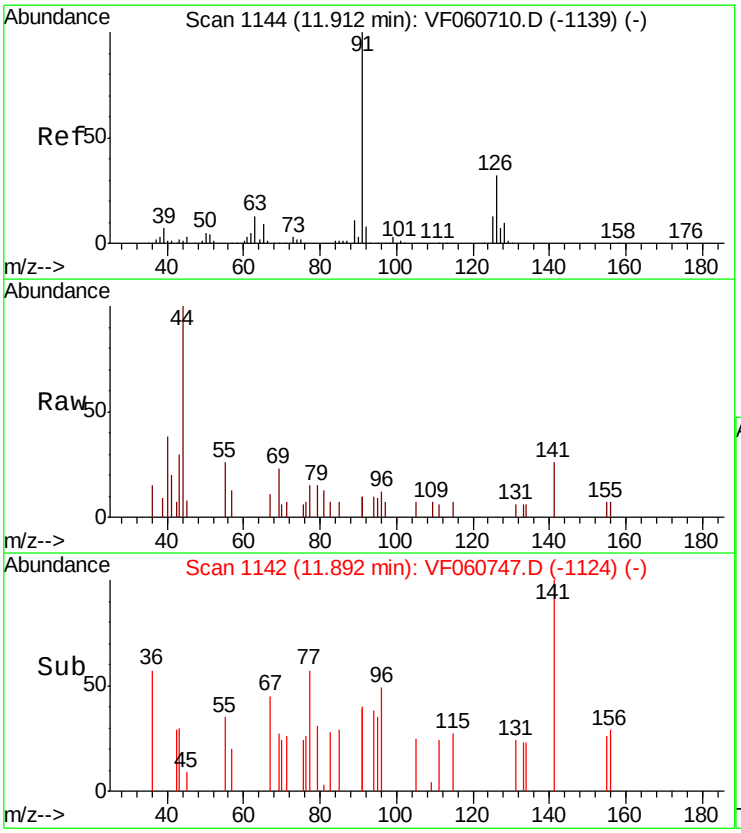
#81
trans-1,4-Dichloro-2-butene
Concen: 86.053 ug/l
RT: 11.96 min Scan# 1149
Delta R.T. 0.08 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 89

Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.0	85.4#
89	0.0	37.8	56.8#

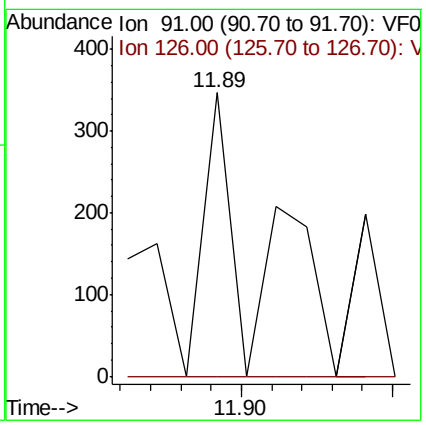


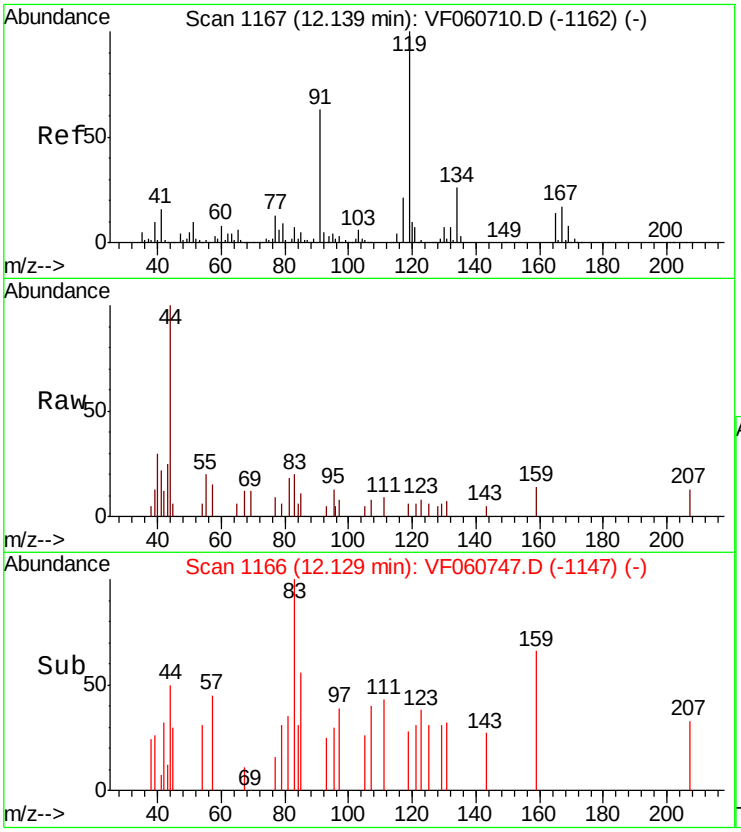


#82
4-Chlorotoluene
Concen: 36.620 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 91 Resp: 436

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.0	47.9#



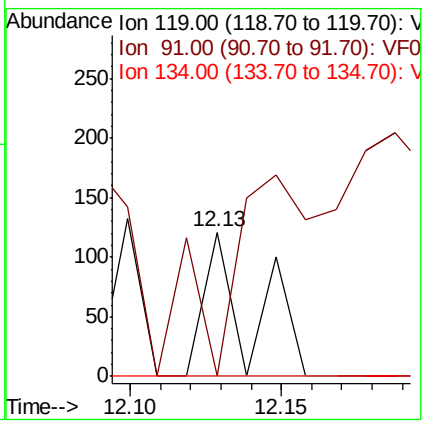


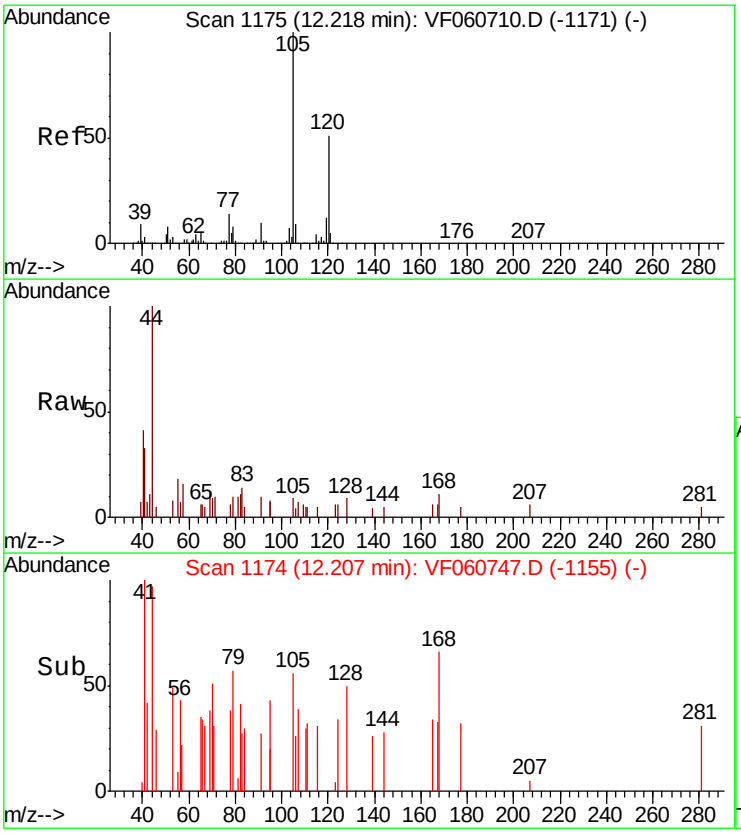
#83
tert-Butylbenzene
Concen: 9.064 ug/l
RT: 12.13 min Scan# 1166
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 131

Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.4	94.3#
134	0.0	12.8	38.4#

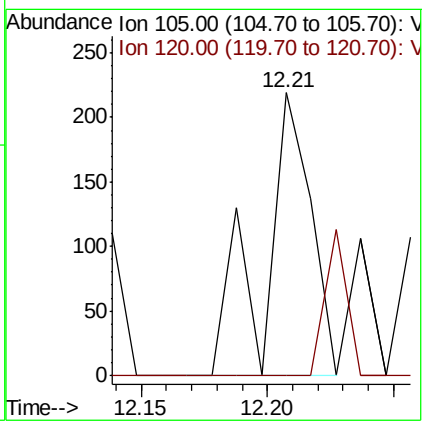


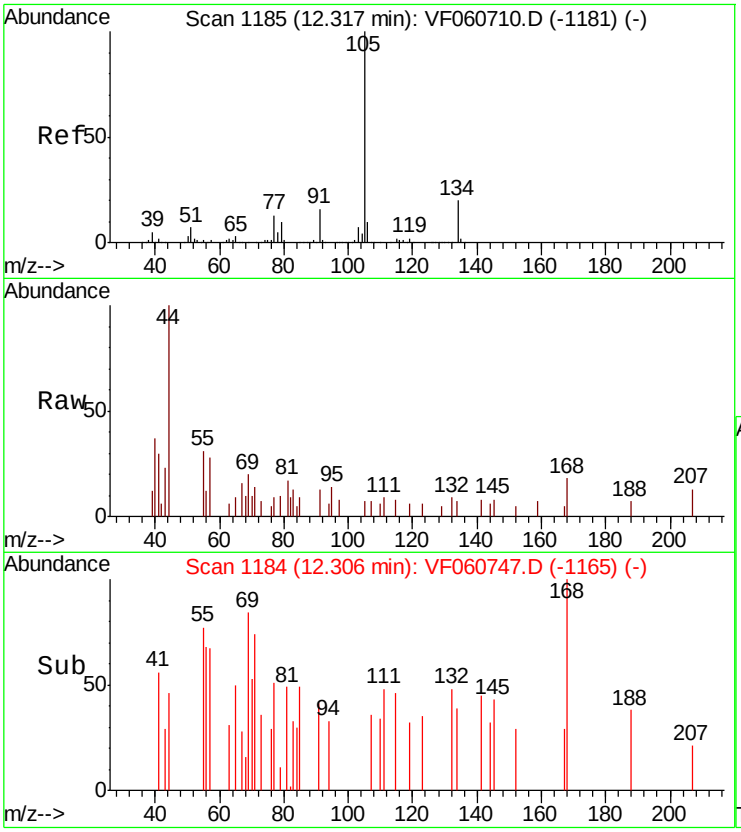


#84
1,2,4-Trimethylbenzene
Concen: 20.458 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:105 Resp: 288

Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.5	76.5#



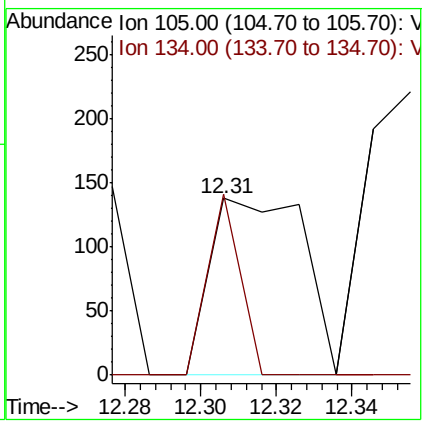


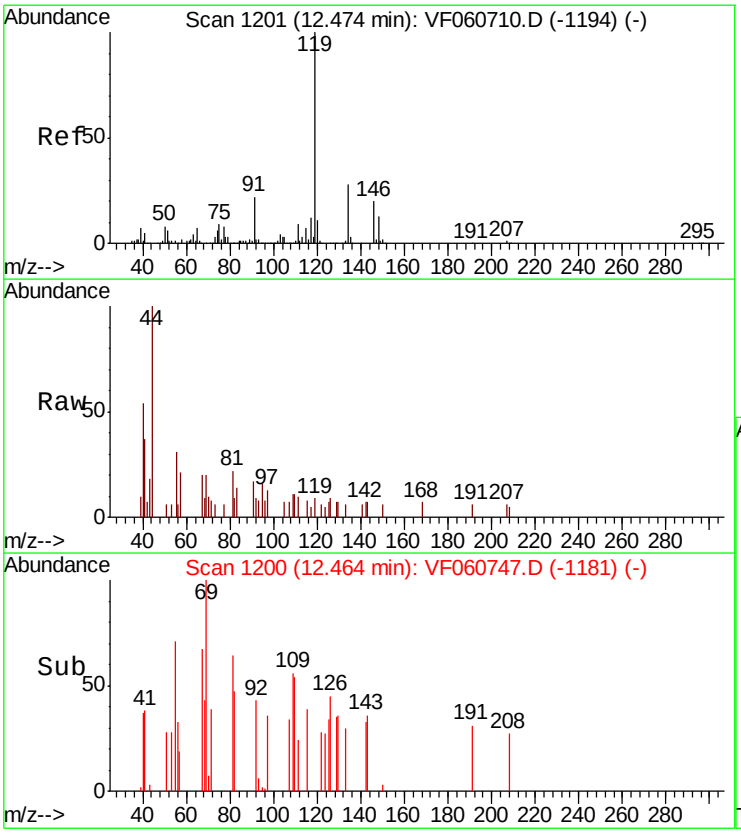
#85
sec-Butylbenzene
Concen: 12.038 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 236

Ion	Ratio	Lower	Upper
105	100		
134	102.2	10.1	30.3#

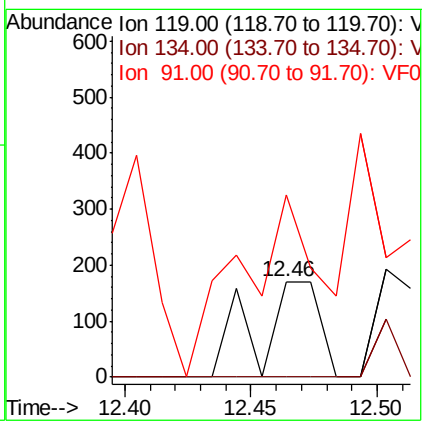


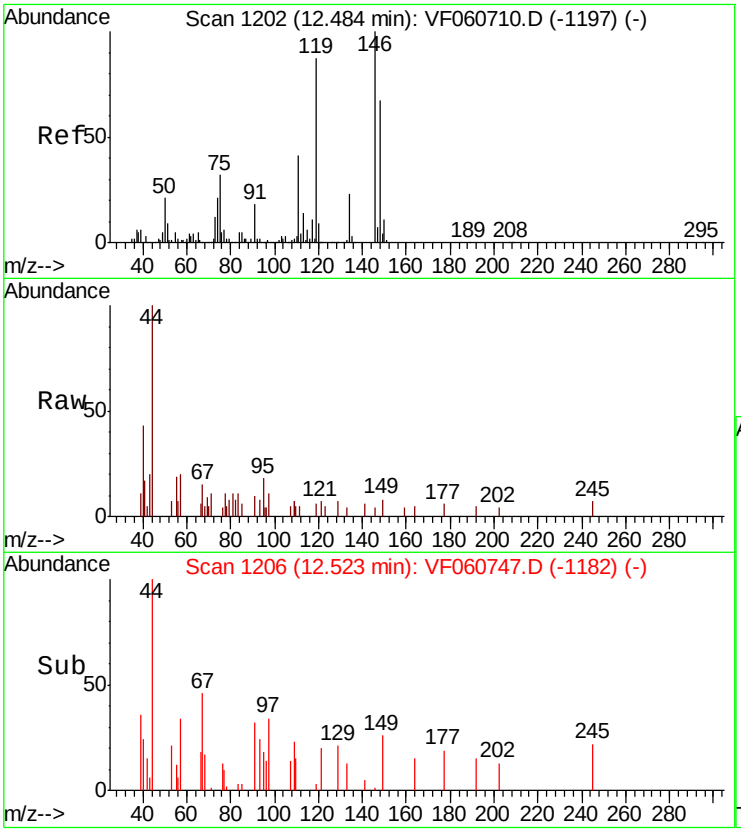


#86
p-Isopropyltoluene
Concen: 18.016 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:119 Resp: 295

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.9	41.7#
91	190.1	11.3	33.9#



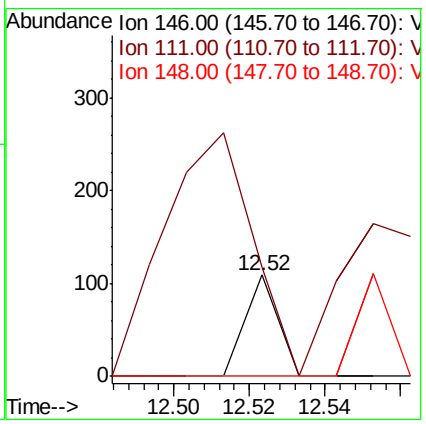


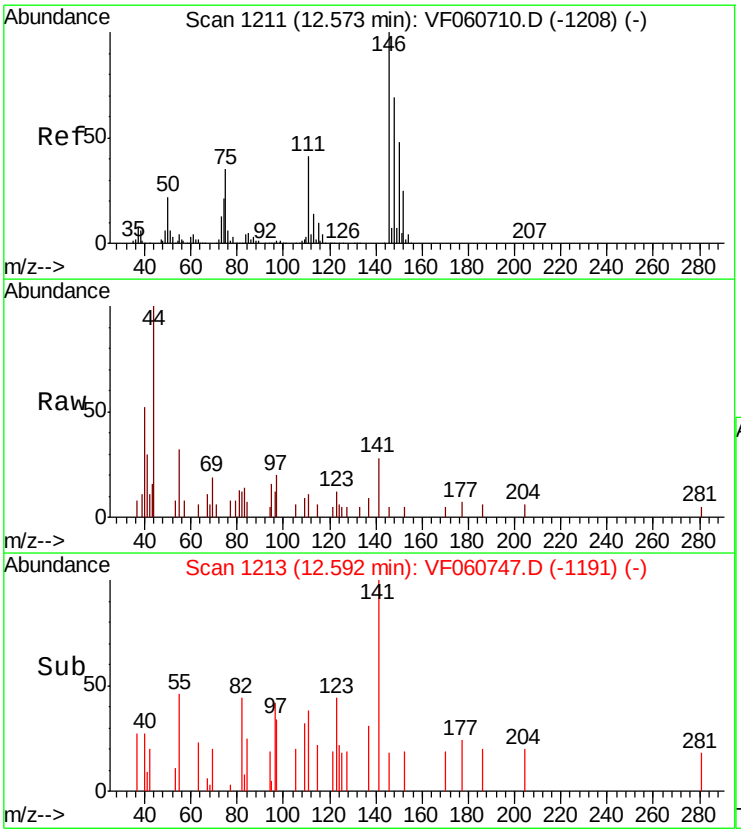
#87
1,3-Dichlorobenzene
Concen: 9.152 ug/l
RT: 12.52 min Scan# 1206
Delta R.T. 0.04 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
111	107.3	20.3	60.8#
148	0.0	33.3	99.9#

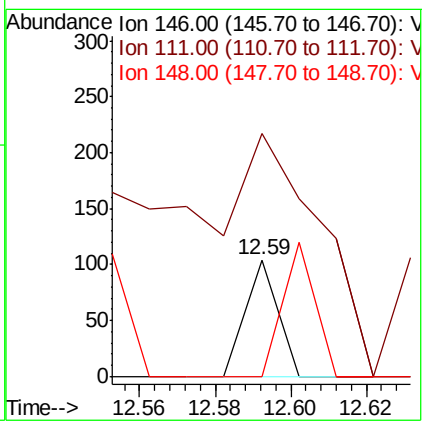


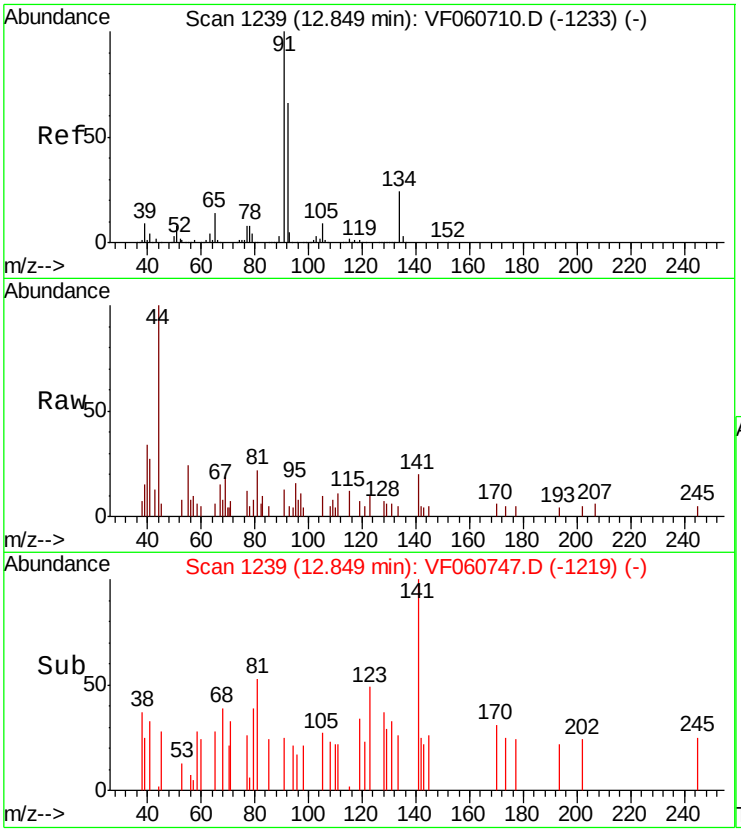


#88
1,4-Dichlorobenzene
Concen: 9.083 ug/l
RT: 12.59 min Scan# 1213
Delta R.T. 0.02 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:146 Resp: 62

Ion	Ratio	Lower	Upper
146	100		
111	208.7	20.6	61.9#
148	0.0	34.7	104.1#



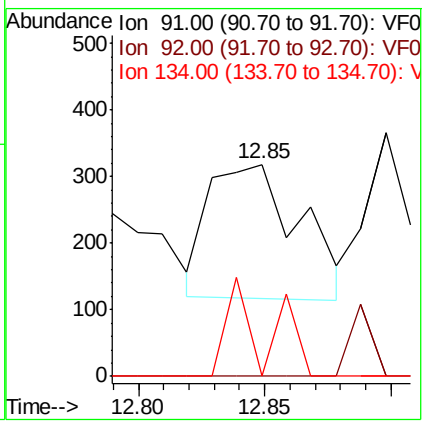


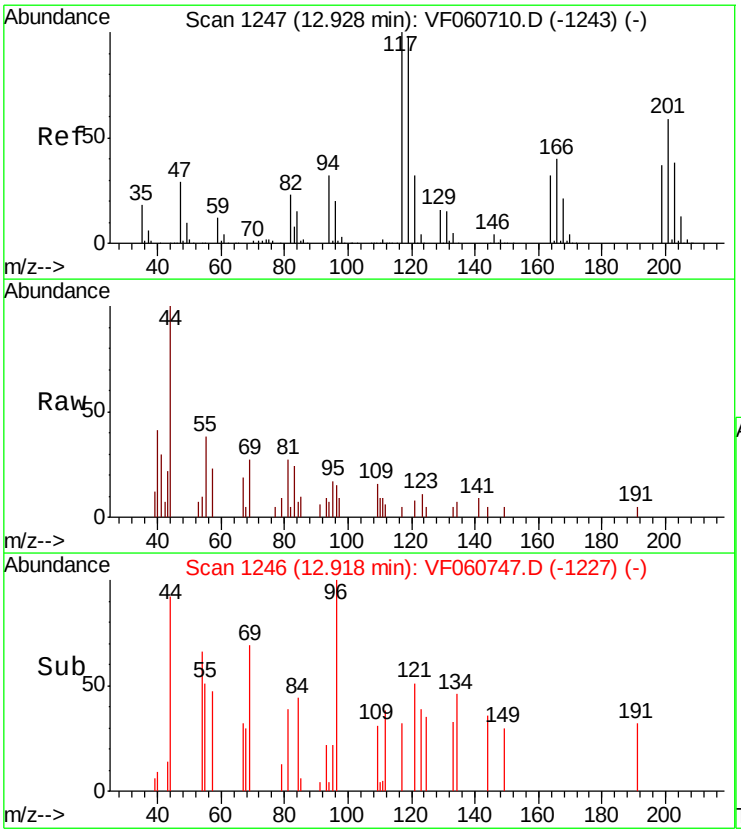
#89
n-Butylbenzene
Concen: 30.222 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 505

Ion	Ratio	Lower	Upper
91	100		
92	0.0	33.1	99.2#
134	0.0	11.9	35.9#

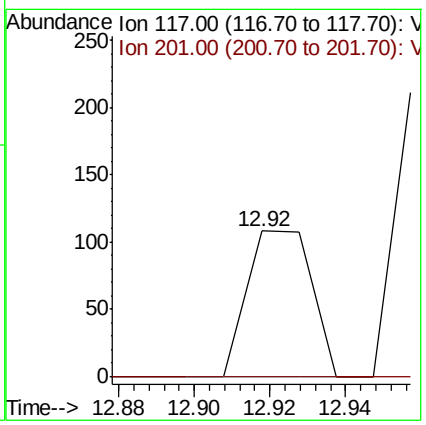


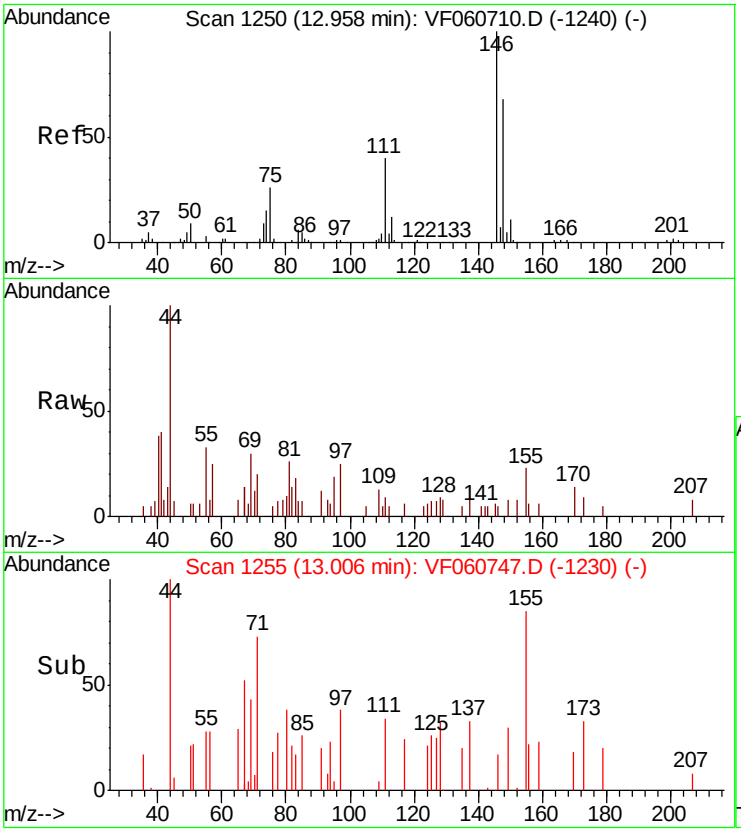


#90
Hexachloroethane
Concen: 31.711 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:117 Resp: 127

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.4	88.3#



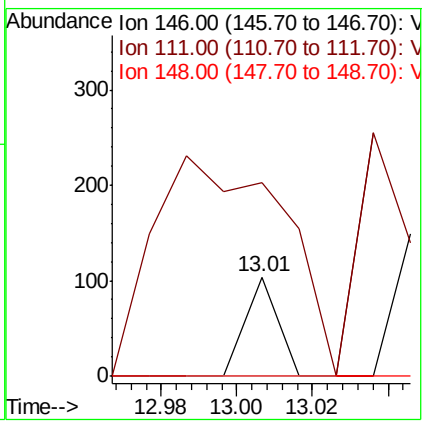


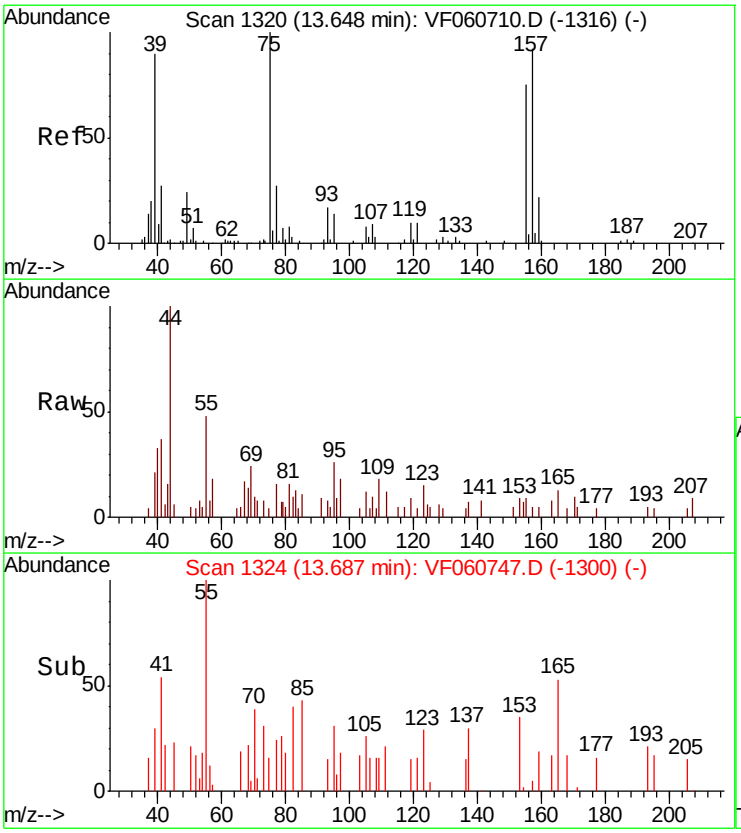
#91
1,2-Dichlorobenzene
Concen: 9.272 ug/l
RT: 13.01 min Scan# 1255
Delta R.T. 0.05 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 62

Ion	Ratio	Lower	Upper
146	100		
111	195.2	20.3	60.8#
148	0.0	34.1	102.3#

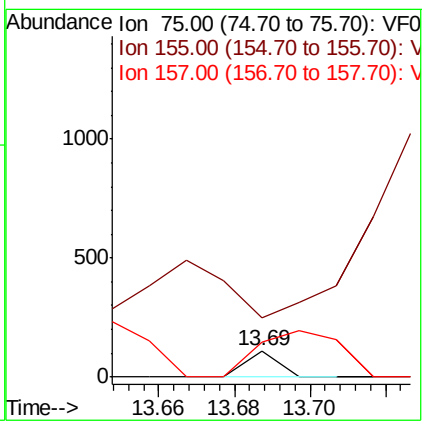


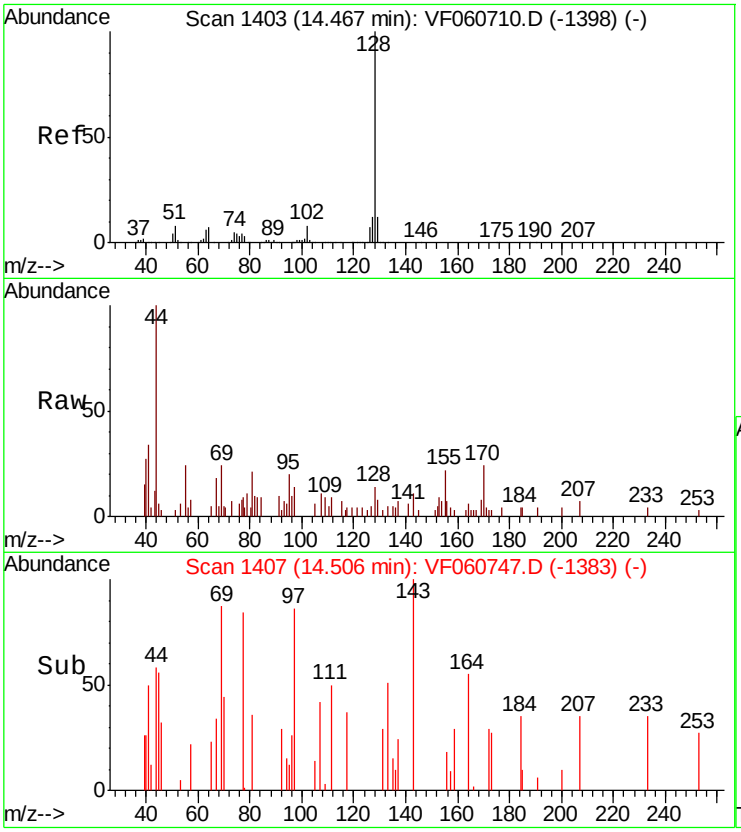


#92
1,2-Dibromo-3-Chloropropane
Concen: 122.004 ug/l
RT: 13.69 min Scan# 1324
Delta R.T. 0.04 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
155	228.4	37.4	112.2#
157	133.0	46.0	138.0



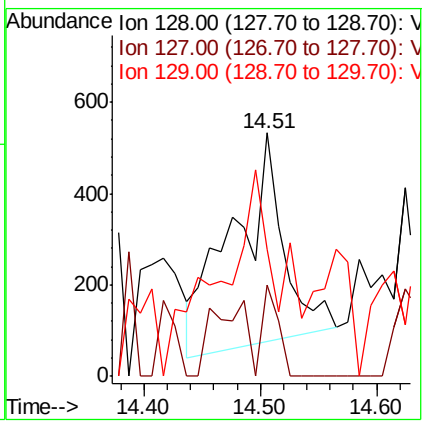


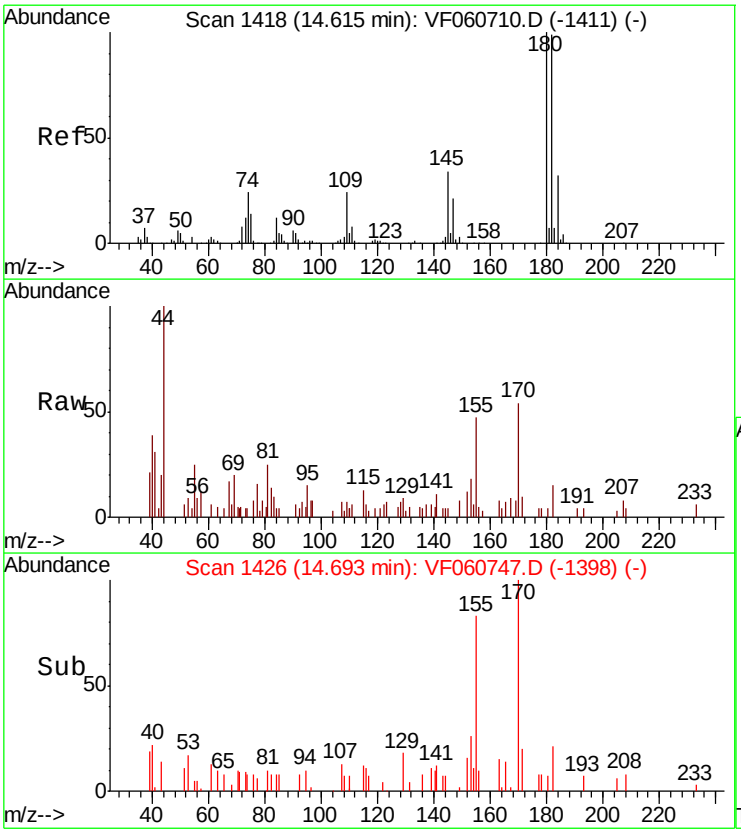
#95
Naphthalene
Concen: 159.975 ug/l
RT: 14.51 min Scan# 1407
Delta R.T. 0.04 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 1403

Ion	Ratio	Lower	Upper
128	100		
127	37.5	9.8	14.6#
129	52.2	9.3	13.9#





#96
1,2,3-Trichlorobenzene
Concen: 15.086 ug/l
RT: 14.69 min Scan# 1426
Delta R.T. 0.08 min
Lab File: VF060747.D
Acq: 15 Nov 2018 15:24

Tgt Ion:180 Resp: 67

Ion	Ratio	Lower	Upper
180	100		
182	429.8	49.6	149.0#
145	116.7	16.9	50.7#