Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100218\
Data File : VF060411.D
Acq On : 2 Oct 2018 19:23
Operator : VA/AP
Sample : J4780-03
Misc : 7.12/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Quant Time: Oct 03 02:36:09 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	4.97	168	77	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.66	114	99	50.00	ug/l	-0.08
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.89
72) 1,4-Dichlorobenzene-d4	12.62	152	64	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	181	150.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 300.44%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	7.51	98	207	90.37	ug/l	-0.17
Spiked Amount 50.000			Recovery = 180.74%			
62) 4-Bromofluorobenzene	11.47	95	153	146.29	ug/l	-0.02
Spiked Amount 50.000			Recovery = 292.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	102	63.123	ug/l #	43
3) Chloromethane	1.10	50	174	166.413	ug/l #	41
4) Vinyl Chloride	1.12	62	147	135.149	ug/l #	42
5) Bromomethane	1.31	94	89	105.638	ug/l #	3
6) Chloroethane	1.39	64	87	160.284	ug/l #	42
7) Trichlorofluoromethane	1.56	101	72	28.531	ug/l #	18
8) Diethyl Ether	1.64	74	67	193.729	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.79	101	61	50.463	ug/l #	22
11) Tert butyl alcohol	2.60	59	64	878.163	ug/l #	77
12) 1,1-Dichloroethene	1.83	96	257	275.162	ug/l #	25
13) Acrolein	2.17	56	418	7131.863	ug/l	89
14) Allyl chloride	2.12	41	1079	720.976	ug/l #	56
15) Acrylonitrile	3.01	53	67	536.521	ug/l #	14
16) Acetone	2.30	43	1225	5426.768	ug/l #	66
17) Carbon Disulfide	1.86	76	156	55.158	ug/l #	68
18) Methyl Acetate	2.41	43	647	1479.619	ug/l #	57
19) Methyl tert-butyl Ether	2.54	73	249	109.455	ug/l #	57
20) Methylene Chloride	2.24	84	103	125.540	ug/l #	1
21) trans-1,2-Dichloroethene	2.38	96	114	122.211	ug/l #	1
22) Diisopropyl ether	2.89	45	166	61.108	ug/l #	80
23) Vinyl Acetate	3.29	43	304	281.722	ug/l #	81
24) 1,1-Dichloroethane	3.03	63	230	125.204	ug/l #	90
25) 2-Butanone	4.44	43	536	1718.053	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	88	84.580	ug/l #	61
27) cis-1,2-Dichloroethene	3.57	96	121	116.016	ug/l	1
28) Bromochloromethane	3.83	49	211	311.657	ug/l #	10
29) Tetrahydrofuran	4.17	42	282	2439.667	ug/l #	34
30) Chloroform	4.01	83	90	39.705	ug/l #	15
31) Cyclohexane	3.78	56	141	106.891	ug/l #	19
32) 1,1,1-Trichloroethane	4.24	97	62	32.870	ug/l #	23
36) 1,1-Dichloropropene	4.38	75	61	49.976	ug/l #	45
37) Ethyl Acetate	4.21	43	406	868.610	ug/l #	1
38) Carbon Tetrachloride	4.05	117	61	41.057	ug/l #	13
39) Methylcyclohexane	5.53	83	71	59.335	ug/l #	10

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100218\
Data File : VF060411.D
Acq On : 2 Oct 2018 19:23
Operator : VA/AP
Sample : J4780-03
Misc : 7.12/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Quant Time: Oct 03 02:36:09 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)
40) Benzene	4.72	78	68	28.063 ug/l #	51
41) Methacrylonitrile	4.81	41	199	802.961 ug/l #	4
43) Isopropyl Acetate	6.97	43	231	408.952 ug/l #	44
44) Trichloroethene	5.47	130	68	87.461 ug/l	1
45) 1,2-Dichloropropane	6.34	63	69	106.927 ug/l #	46
46) Dibromomethane	6.20	93	61	117.574 ug/l #	9
47) Bromodichloromethane	6.42	83	243	189.113 ug/l #	23
48) Methyl methacrylate	6.77	41	821	2024.792 ug/l #	42
49) 1,4-Dioxane	7.04	88	90	25743.096 ug/l #	22
51) 4-Methyl-2-Pentanone	8.24	43	209	519.783 ug/l #	39
52) Toluene	7.50	92	151	91.747 ug/l #	1
53) t-1,3-Dichloropropene	8.24	75	90	89.374 ug/l #	44
54) cis-1,3-Dichloropropene	7.26	75	64	54.380 ug/l #	7
55) 1,1,2-Trichloroethane	8.50	97	75	143.766 ug/l #	6
56) Ethyl methacrylate	8.59	69	61	102.902 ug/l #	1
57) 1,3-Dichloropropane	8.83	76	63	71.384 ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.65	63	92	1519.365 ug/l	100
59) 2-Hexanone	9.40	43	439	1488.497 ug/l	80
60) Dibromochloromethane	8.61	129	76	96.757 ug/l #	11
61) 1,2-Dibromoethane	9.00	107	76	133.139 ug/l #	4
73) Isopropylbenzene	11.21	105	71	14.090 ug/l #	51
74) N-amyl acetate	11.45	43	220	190.225 ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.67	83	153	166.536 ug/l #	22
76) 1,2,3-Trichloropropane	11.94	75	137	202.556 ug/l #	1
77) Bromobenzene	11.54	156	68	60.367 ug/l #	29
78) n-propylbenzene	11.67	91	176	28.810 ug/l #	55
79) 2-Chlorotoluene	11.86	91	209	58.486 ug/l #	46
80) 1,3,5-Trimethylbenzene	11.76	105	67	15.649 ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.94	75	137	456.946 ug/l #	64
82) 4-Chlorotoluene	11.91	91	105	28.717 ug/l #	43
83) tert-Butylbenzene	12.32	119	105	24.865 ug/l #	25
84) 1,2,4-Trimethylbenzene	12.23	105	85	20.019 ug/l #	30
85) sec-Butylbenzene	12.34	105	64	10.980 ug/l #	58
86) p-Isopropyltoluene	12.65	119	60	12.600 ug/l #	49
89) n-Butylbenzene	12.90	91	96	19.051 ug/l #	28
90) Hexachloroethane	12.98	117	316	256.750 ug/l #	27
91) 1,2-Dichlorobenzene	13.02	146	74	36.436 ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.63	75	70	393.027 ug/l #	4
93) 1,2,4-Trichlorobenzene	14.40	180	75	49.407 ug/l #	10
94) Hexachlorobutadiene	14.25	225	77	72.677 ug/l #	17
95) Naphthalene	14.51	128	117	43.108 ug/l #	70

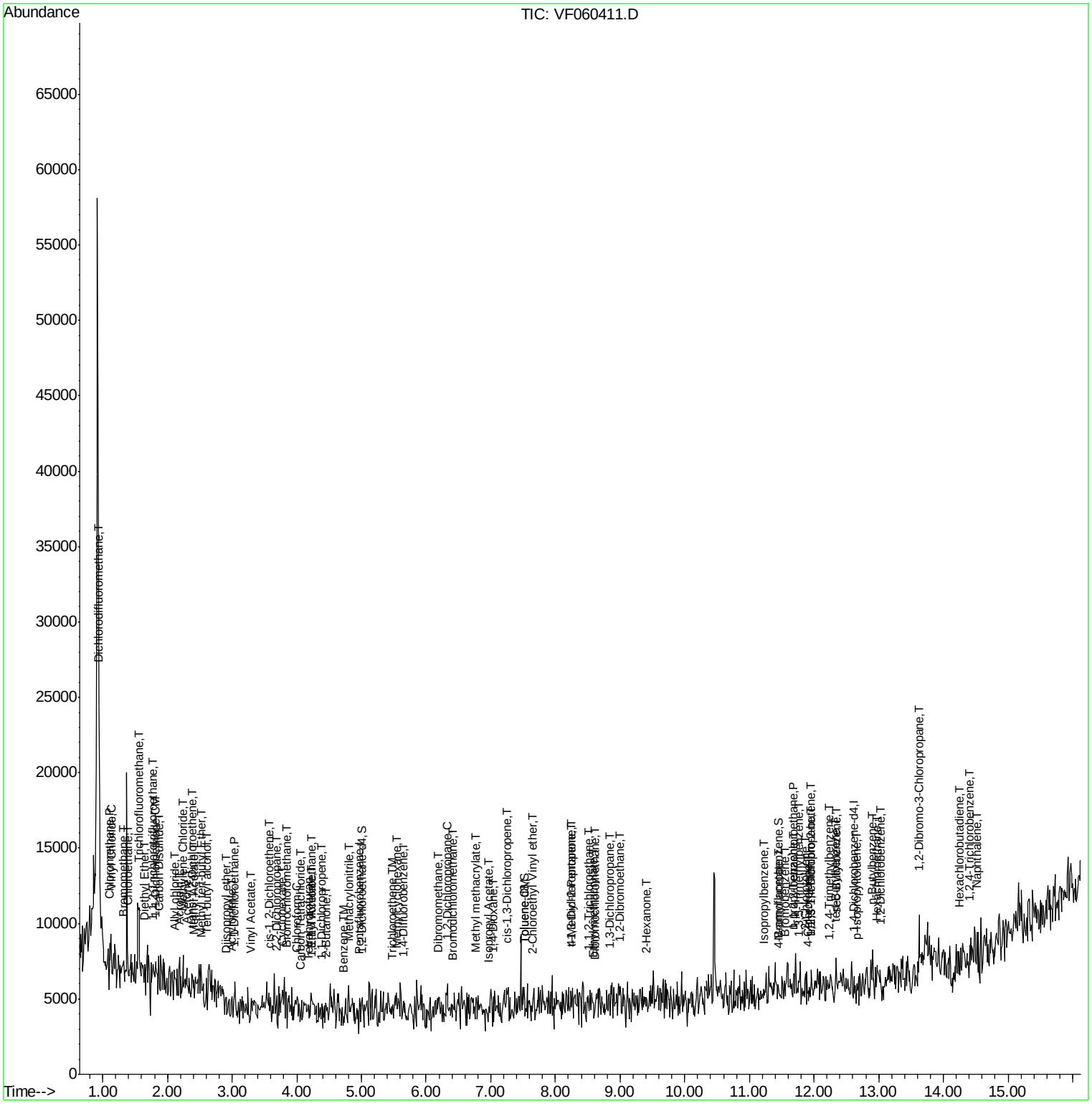
(#) = qualifier out of range (m) = manual integration (+) = signals summed

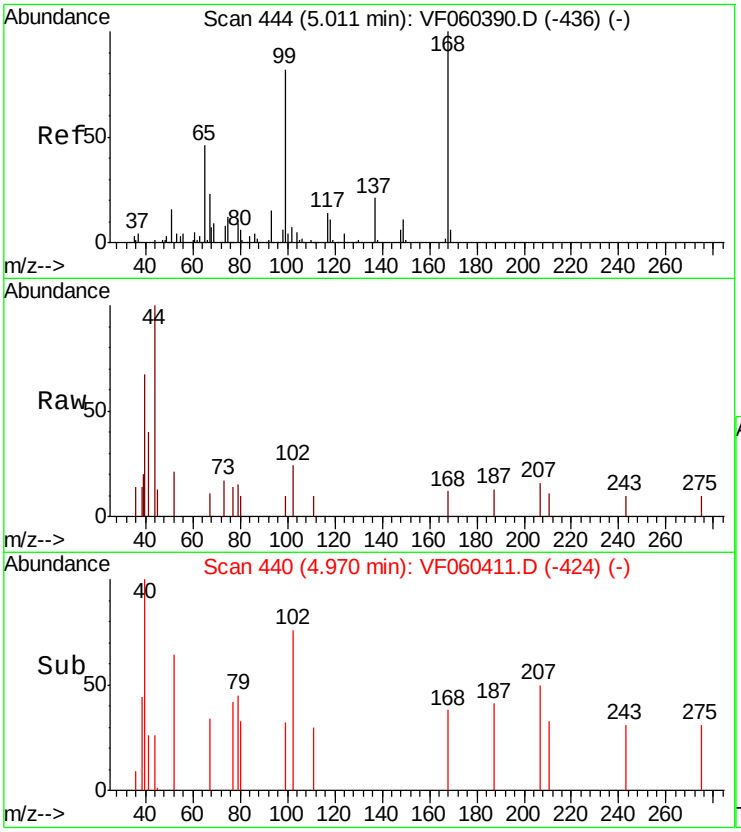
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
Data File : VF060411.D
Acq On : 2 Oct 2018 19:23
Operator : VA/AP
Sample : J4780-03
Misc : 7.12/5mL/MSVOA F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Quant Time: Oct 03 02:36:09 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



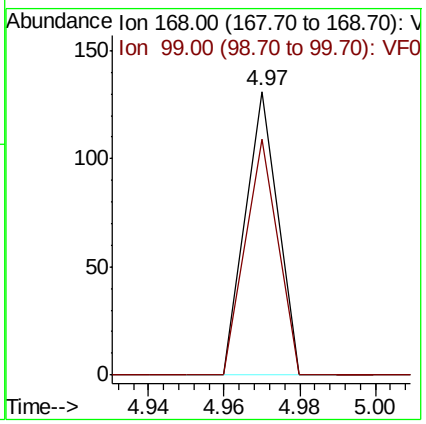


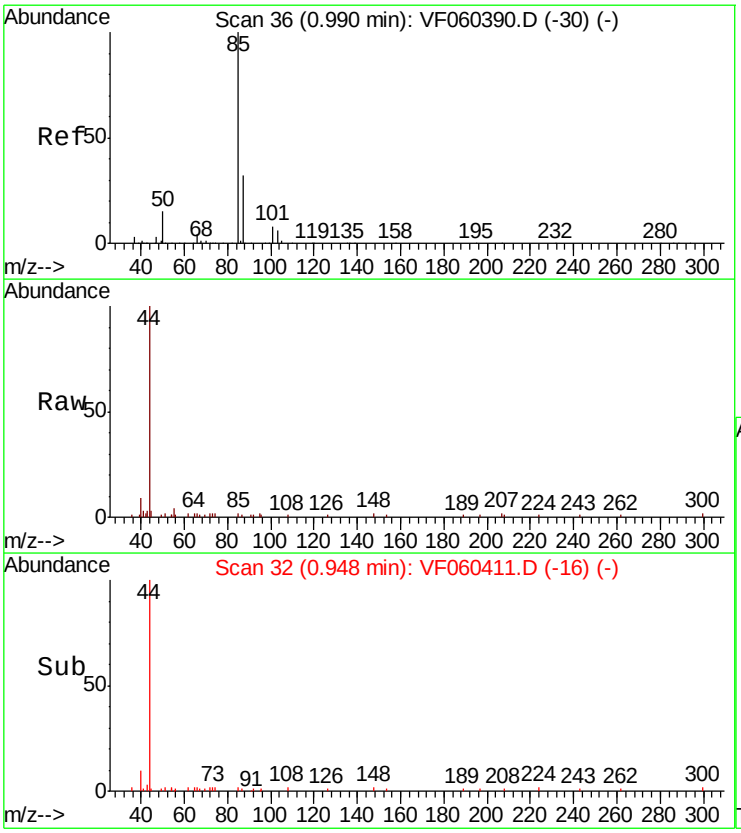
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.97 min Scan# 440
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:168 Resp: 77

Ion	Ratio	Lower	Upper
168	100		
99	83.2	65.3	97.9

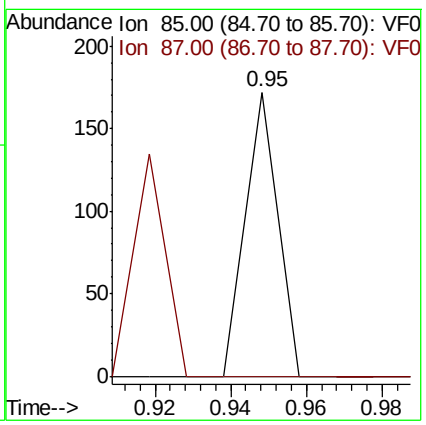


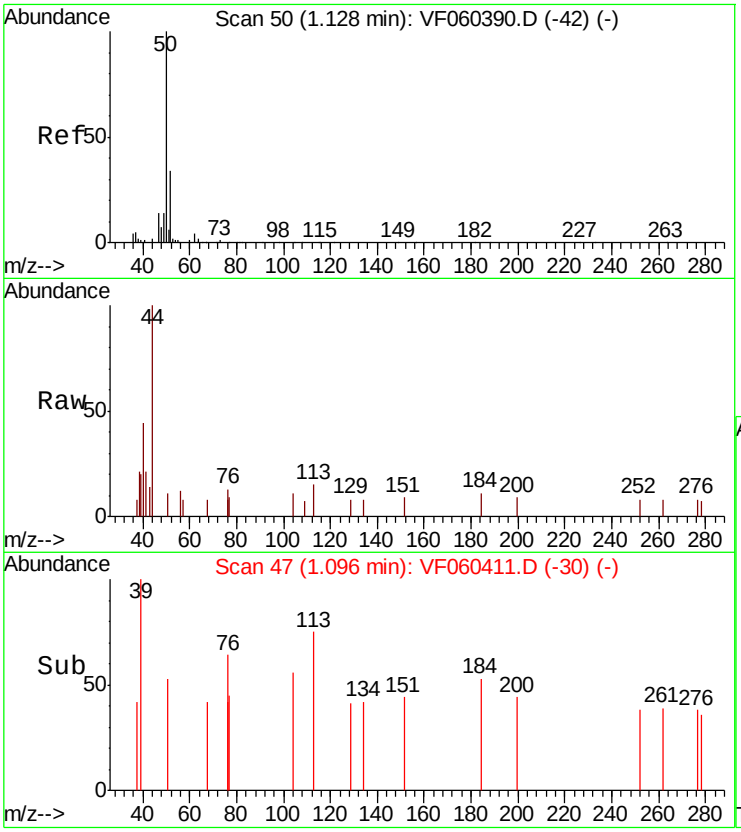


#2
Dichlorodifluoromethane
Concen: 63.123 ug/l
RT: 0.95 min Scan# 32
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 85 Resp: 102

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.6#



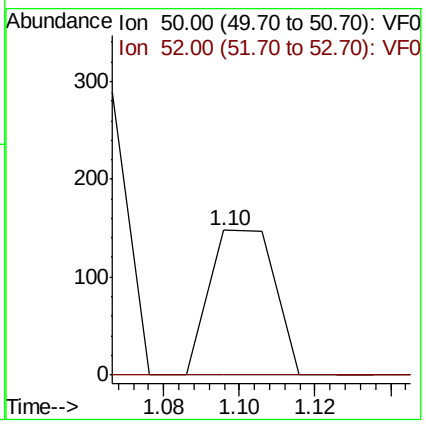


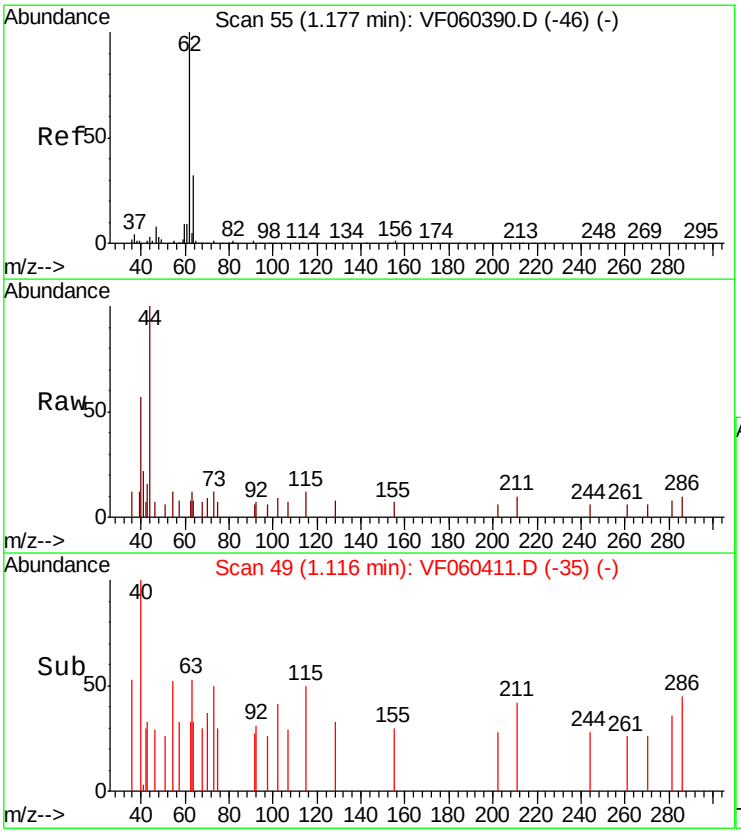
#3
Chloromethane
Concen: 166.413 ug/l
RT: 1.10 min Scan# 47
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 50 Resp: 174

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.9	40.3#

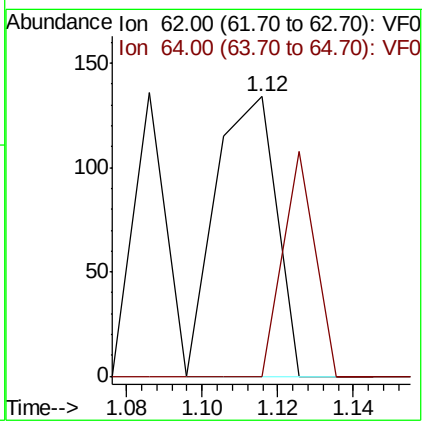


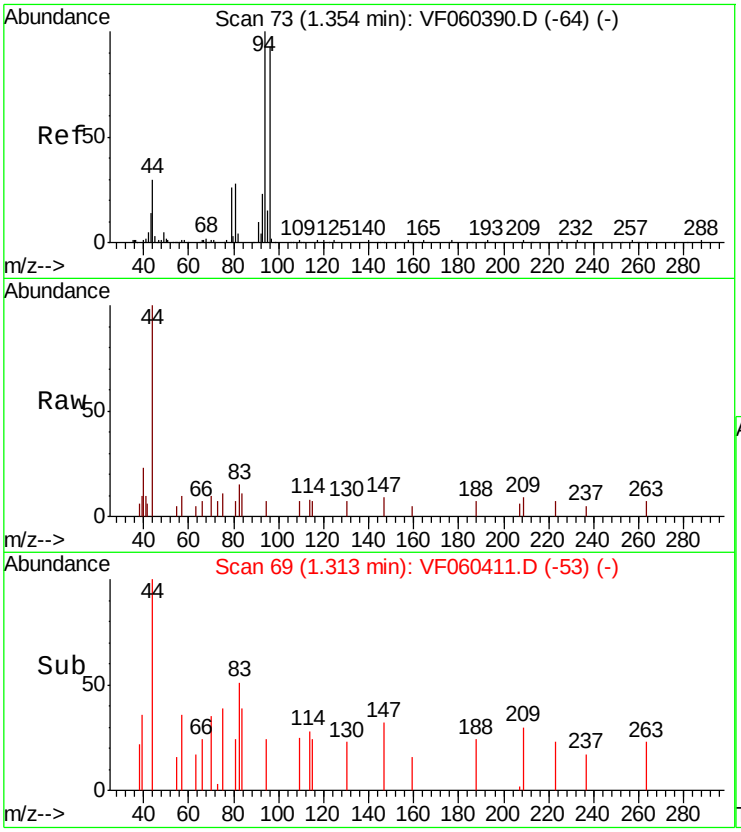


#4
Vinyl Chloride
Concen: 135.149 ug/l
RT: 1.12 min Scan# 49
Delta R.T. -0.06 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 62 Resp: 147

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.8	38.6#



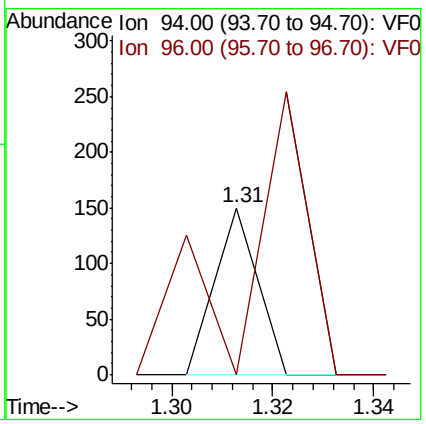


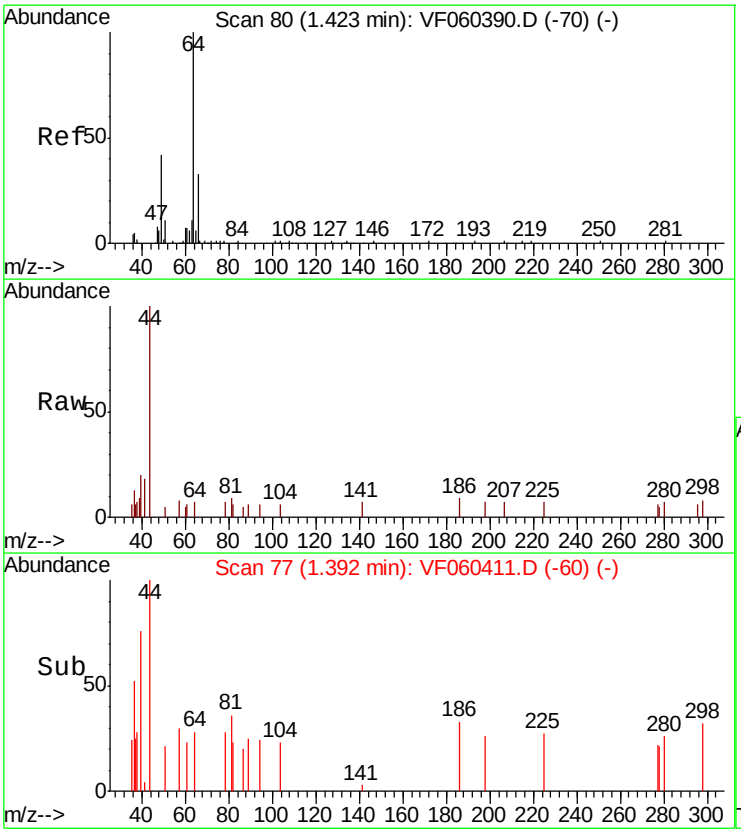
#5
Bromomethane
Concen: 105.638 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 94 Resp: 89

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.3	111.5#

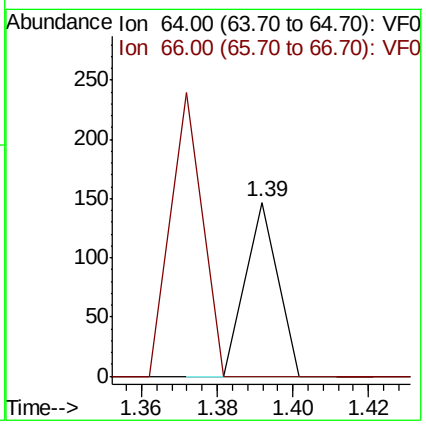


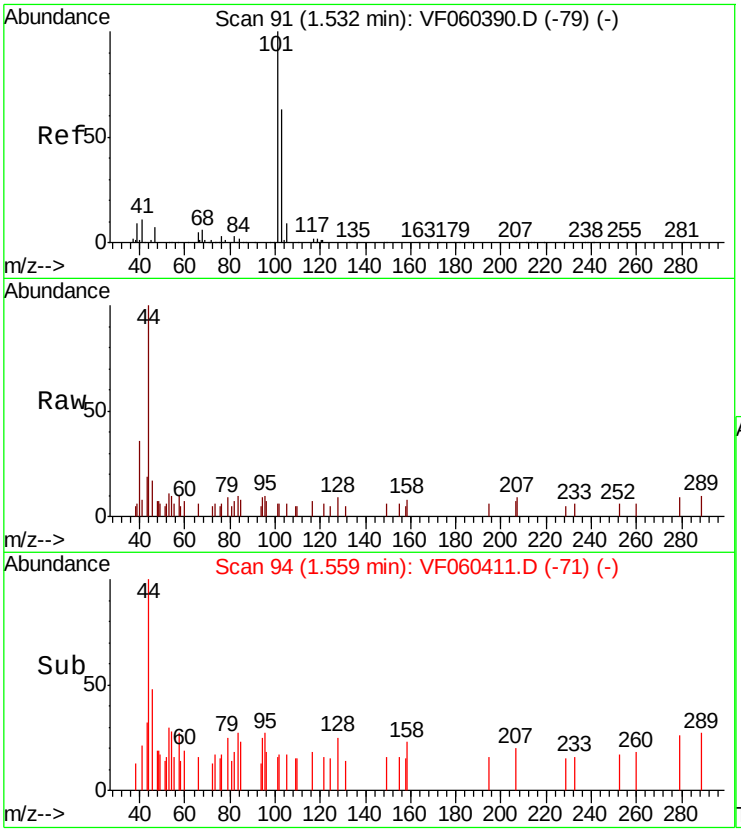


#6
Chloroethane
Concen: 160.284 ug/l
RT: 1.39 min Scan# 77
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 64 Resp: 87

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.3	39.5#



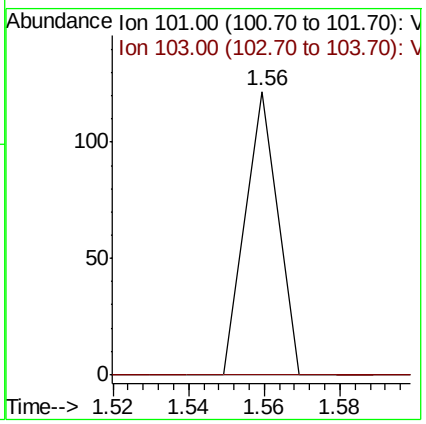


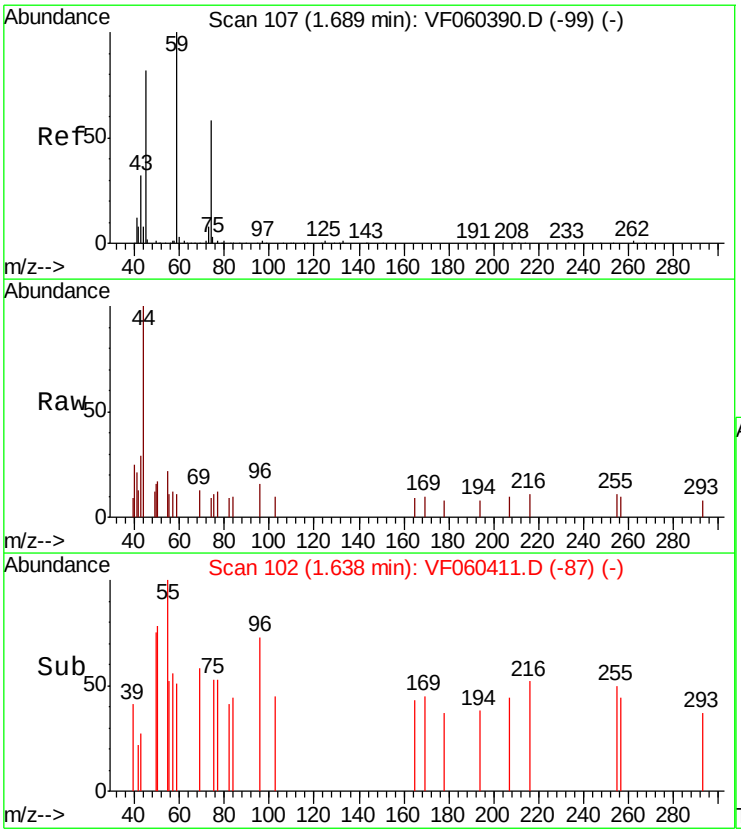
#7
Trichlorofluoromethane
Concen: 28.531 ug/l
RT: 1.56 min Scan# 94
Delta R.T. 0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:101 Resp: 72

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.0	76.4#

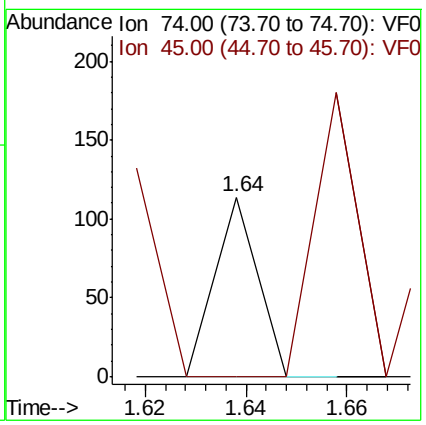


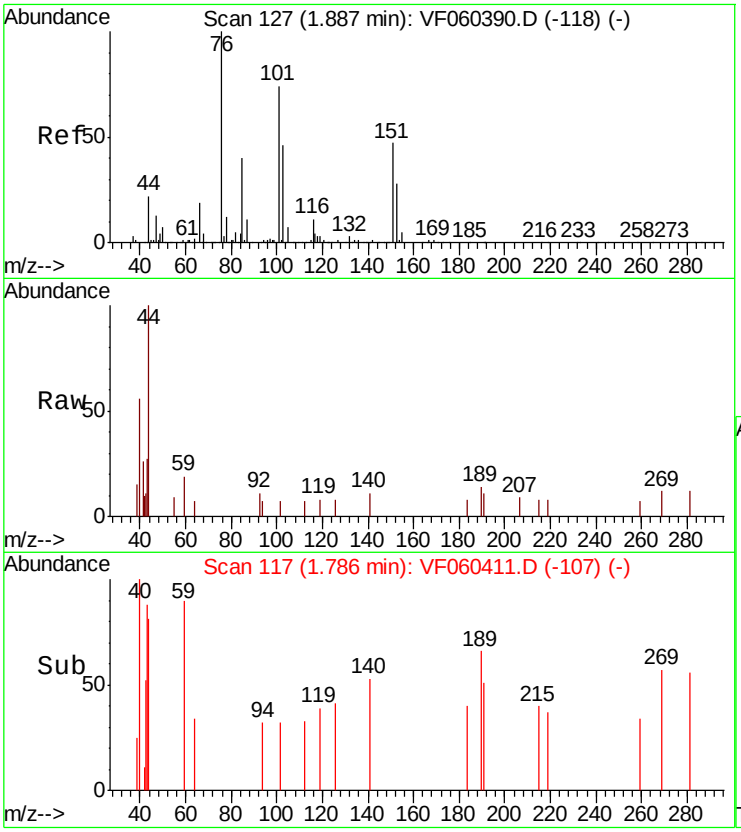


#8
Diethyl Ether
Concen: 193.729 ug/l
RT: 1.64 min Scan# 102
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 74 Resp: 67

Ion	Ratio	Lower	Upper
74	100		
45	0.0	71.3	213.8#



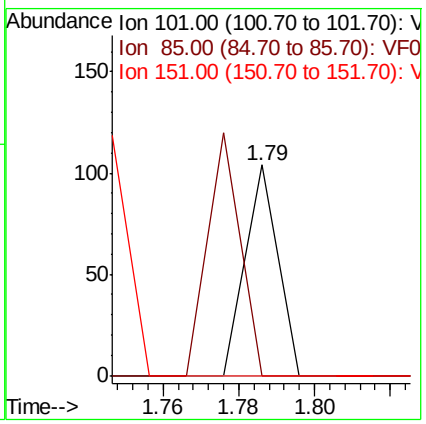


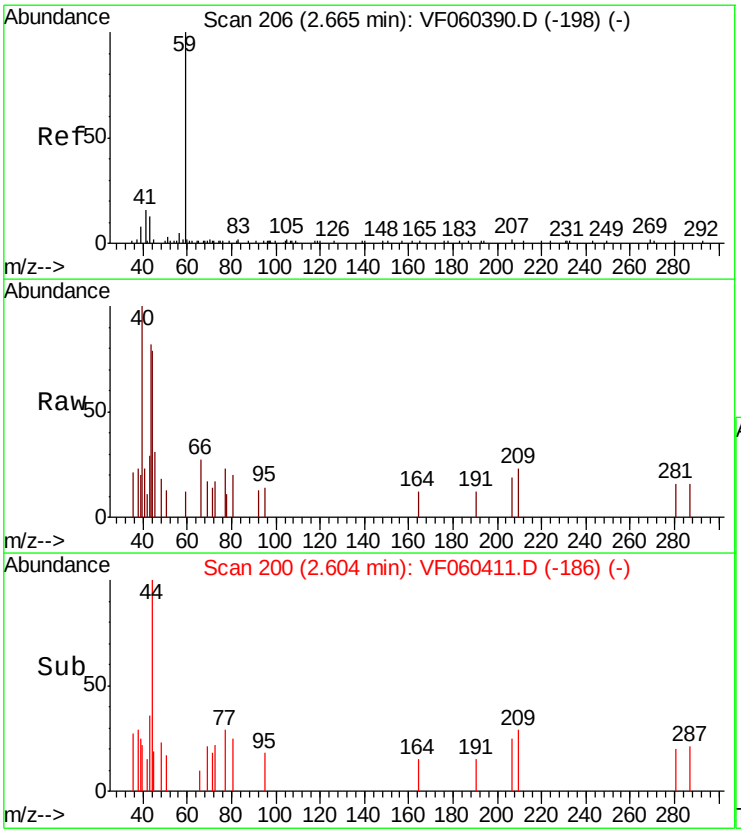
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.463 ug/l
RT: 1.79 min Scan# 117
Delta R.T. -0.10 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:101 Resp: 61

Ion	Ratio	Lower	Upper
101	100		
85	0.0	42.5	63.7#
151	0.0	49.8	74.8#

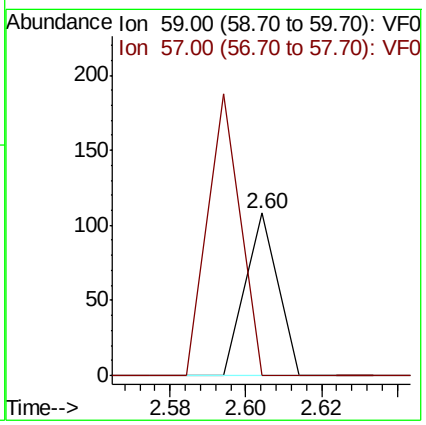


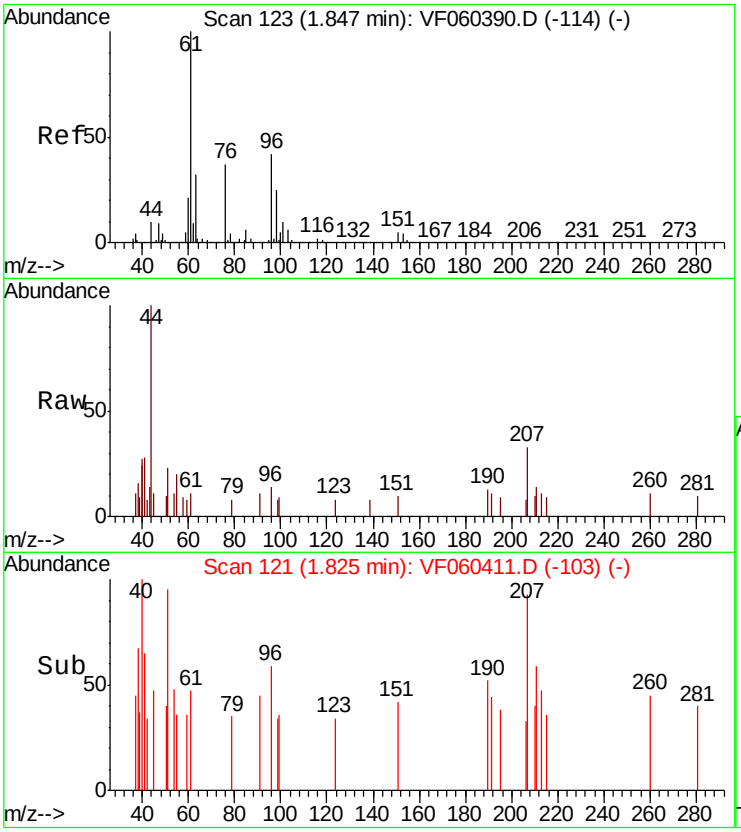


#11
Tert butyl alcohol
Concen: 878.163 ug/l
RT: 2.60 min Scan# 200
Delta R.T. -0.06 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 59 Resp: 64

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.5	9.7#



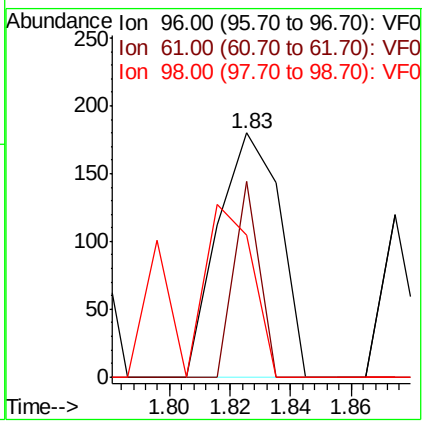


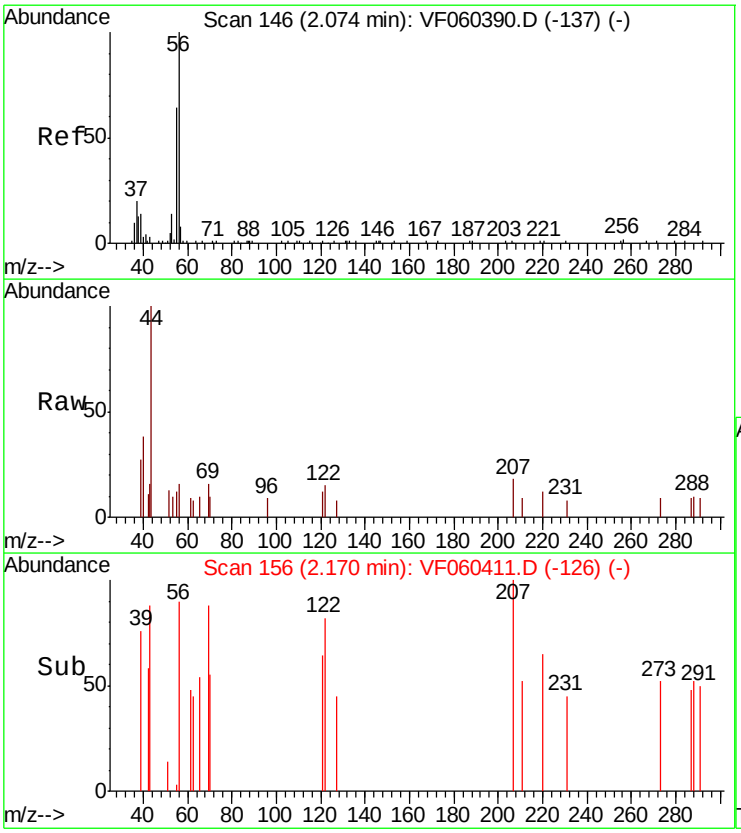
#12
1,1-Dichloroethene
Concen: 275.162 ug/l
RT: 1.83 min Scan# 121
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 96 Resp: 257

Ion	Ratio	Lower	Upper
96	100		
61	80.0	189.4	284.0#
98	58.3	47.8	71.6

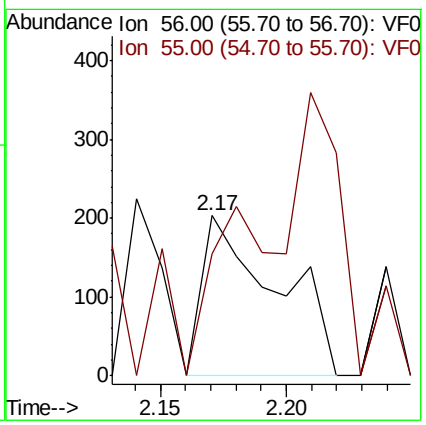


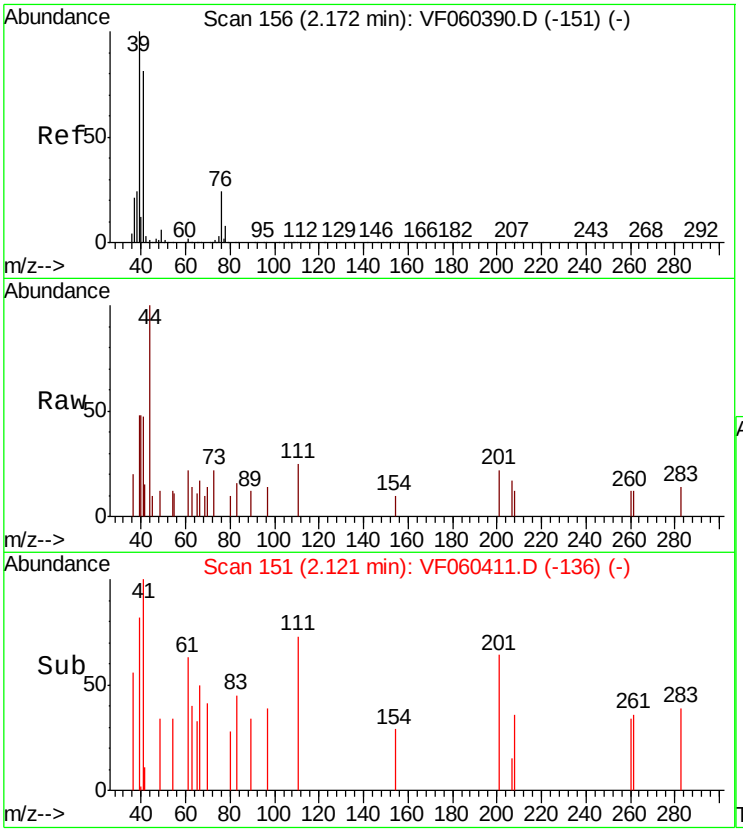


#13
Acrolein
Concen: 7131.863 ug/l
RT: 2.17 min Scan# 156
Delta R.T. 0.10 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 56 Resp: 418

Ion	Ratio	Lower	Upper
56	100		
55	75.9	53.9	80.9



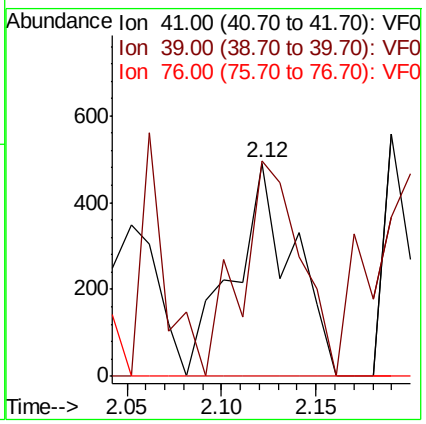


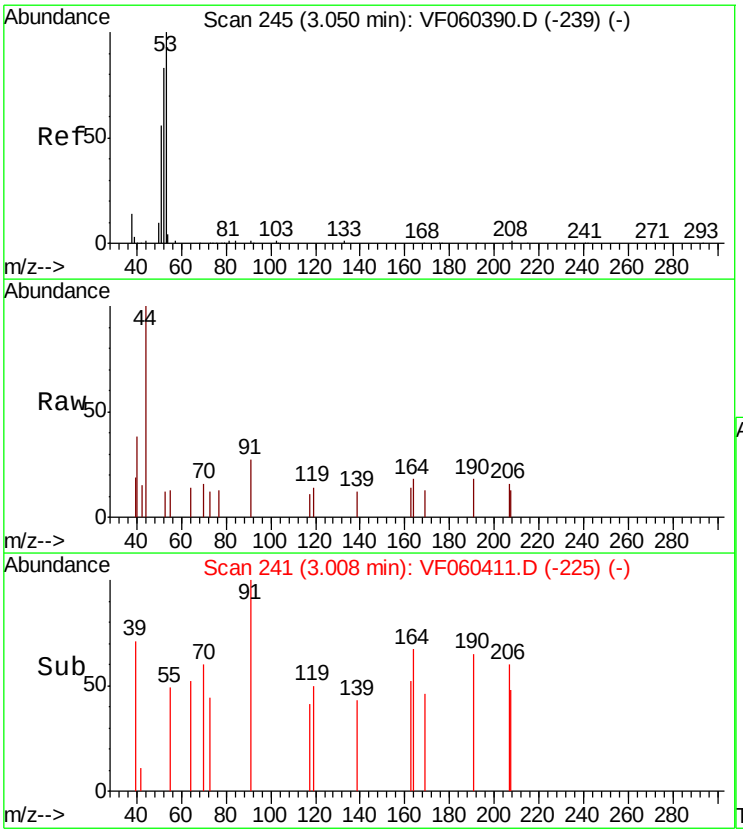
#14
Allvl chloride
Concen: 720.976 ug/l
RT: 2.12 min Scan# 151
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 41 Resp: 1079

Ion	Ratio	Lower	Upper
41	100		
39	76.7	98.3	147.5#
76	0.0	23.9	35.9#

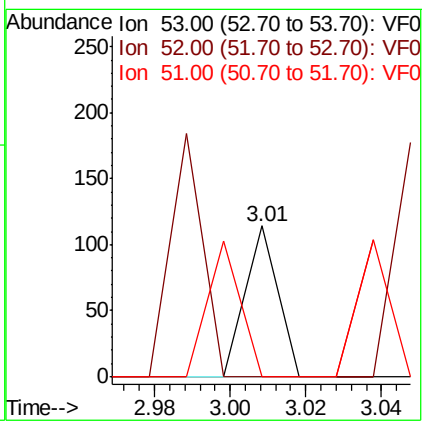


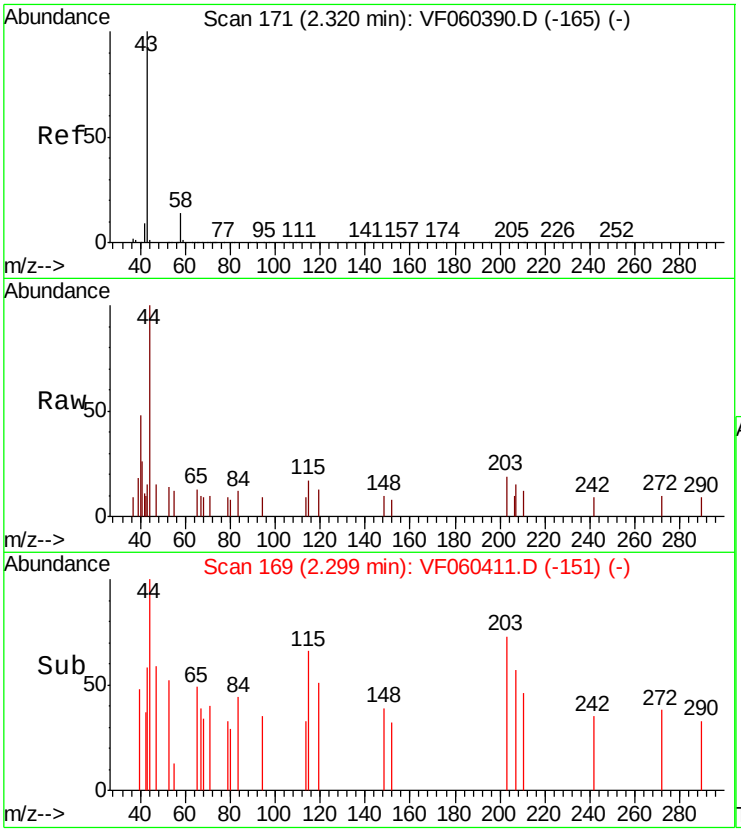


#15
Acrylonitrile
Concen: 536.521 ug/l
RT: 3.01 min Scan# 241
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 53 Resp: 67

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	0.0	45.6	68.4#



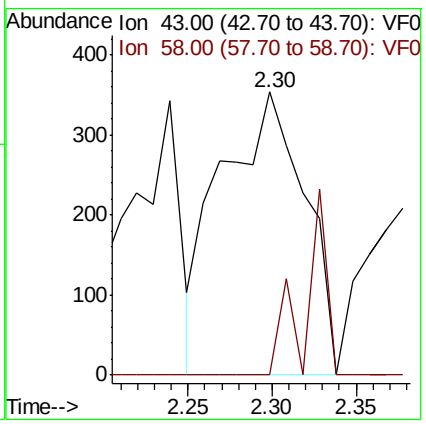


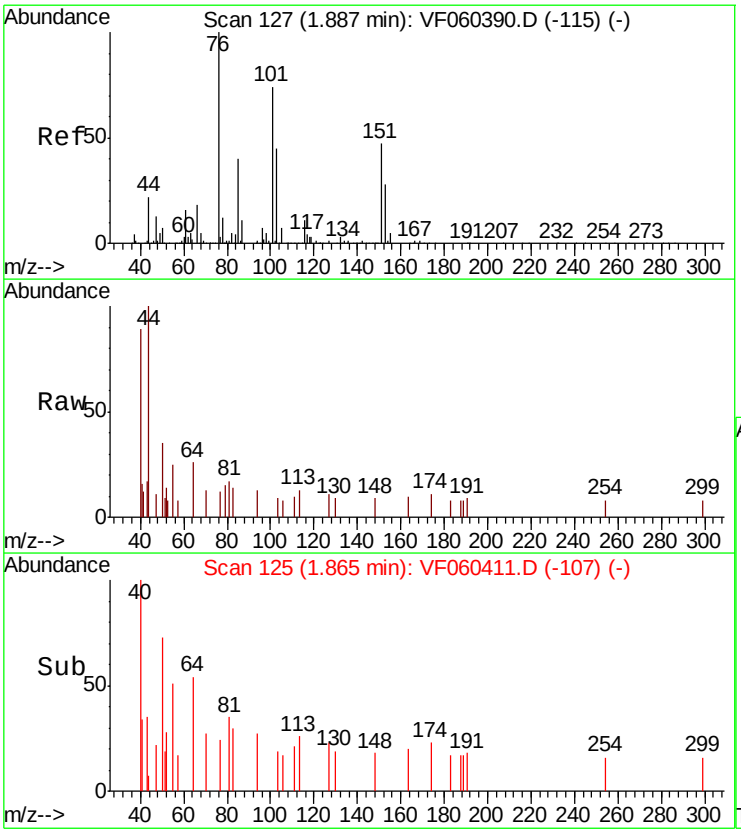
#16
Acetone
Concen: 5426.768 ug/l
RT: 2.30 min Scan# 169
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 43 Resp: 1225

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.2	16.8#

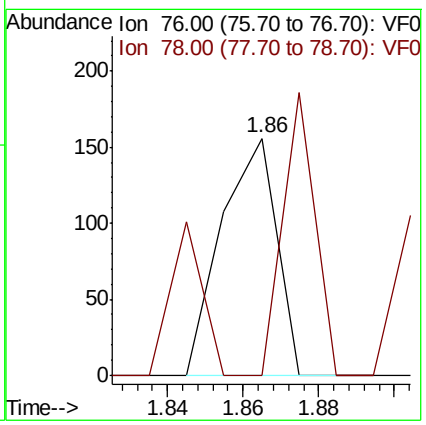


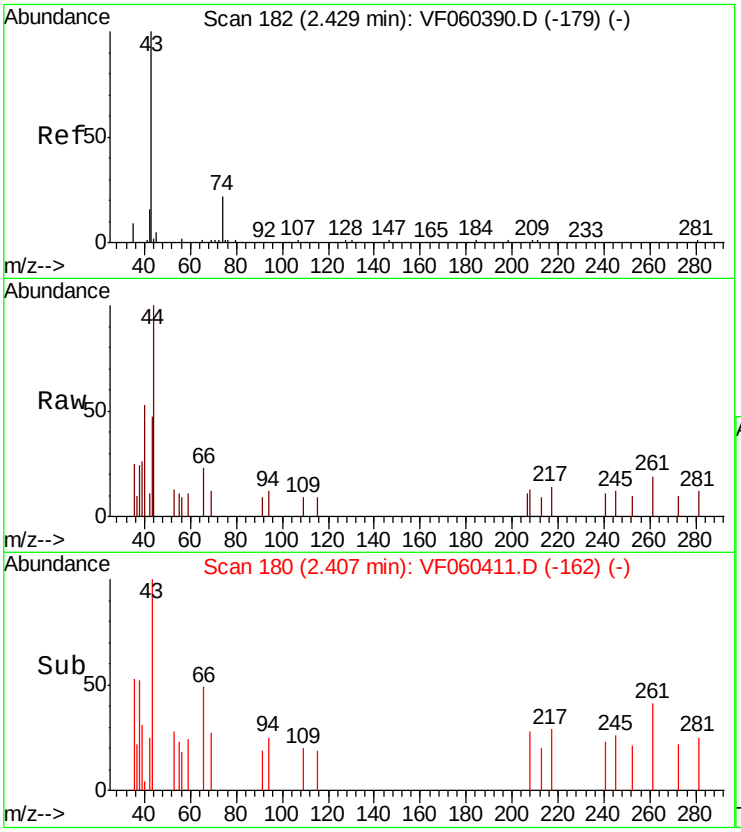


#17
Carbon Disulfide
Concen: 55.158 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 76 Resp: 156

Ion	Ratio	Lower	Upper
76	100		
78	0.0	10.1	15.1#



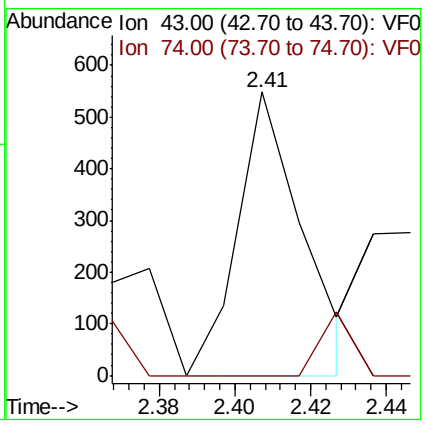


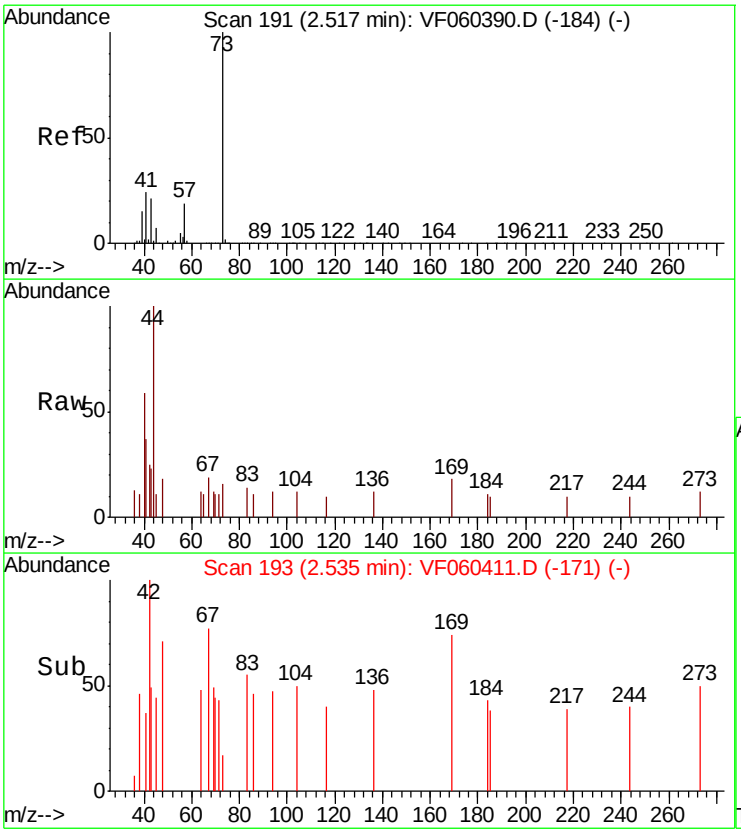
#18
Methyl Acetate
Concen: 1479.619 ug/l
RT: 2.41 min Scan# 180
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 43 Resp: 647

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#

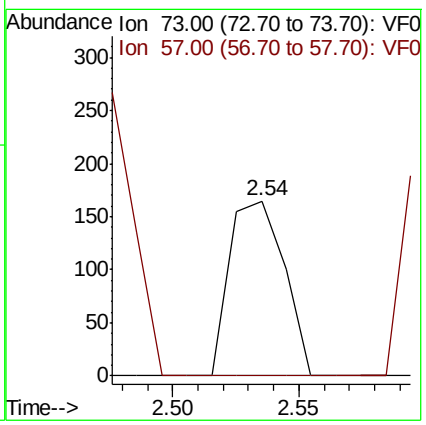


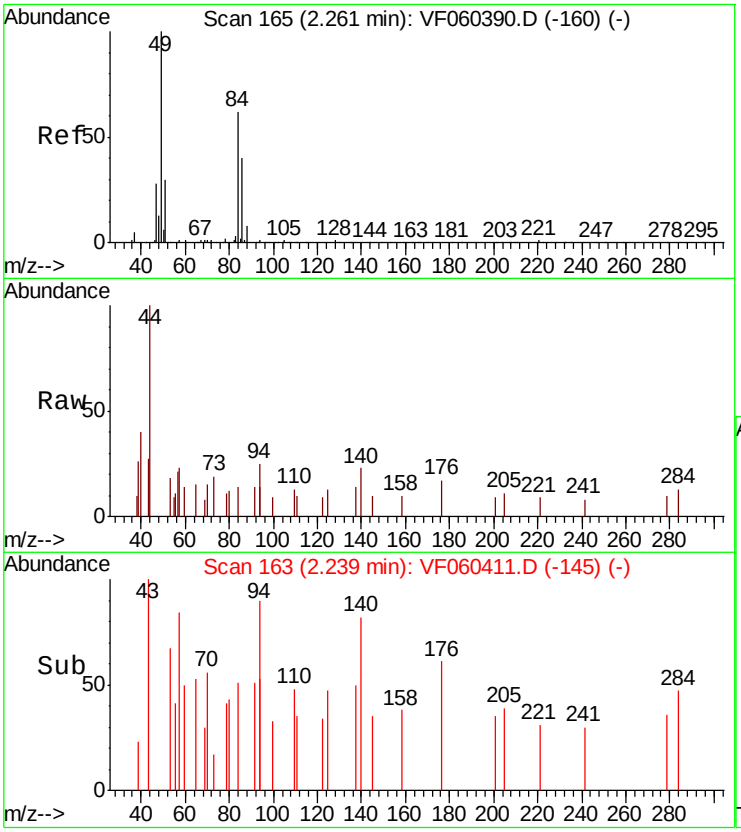


#19
Methyl tert-butyl Ether
Concen: 109.455 ug/l
RT: 2.54 min Scan# 193
Delta R.T. 0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 73 Resp: 249

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.9	23.9#



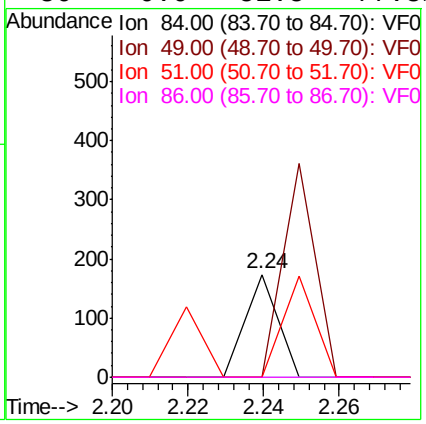


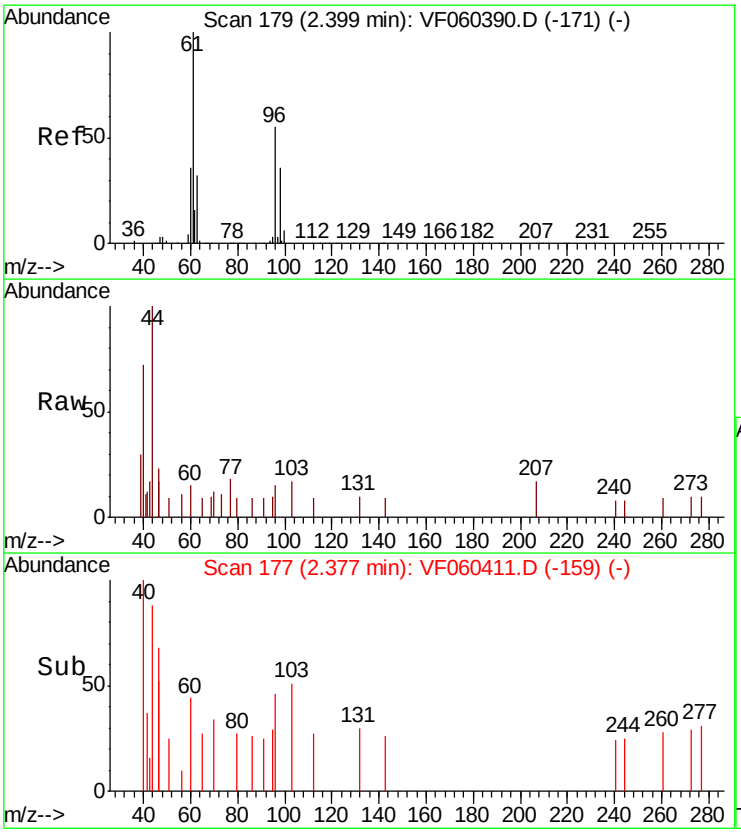
#20
Methylene Chloride
Concen: 125.540 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 84 Resp: 103

Ion	Ratio	Lower	Upper
84	100		
49	0.0	130.2	195.2#
51	0.0	41.0	61.6#
86	0.0	51.5	77.3#

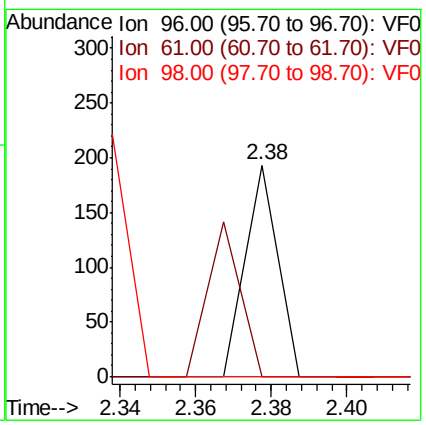


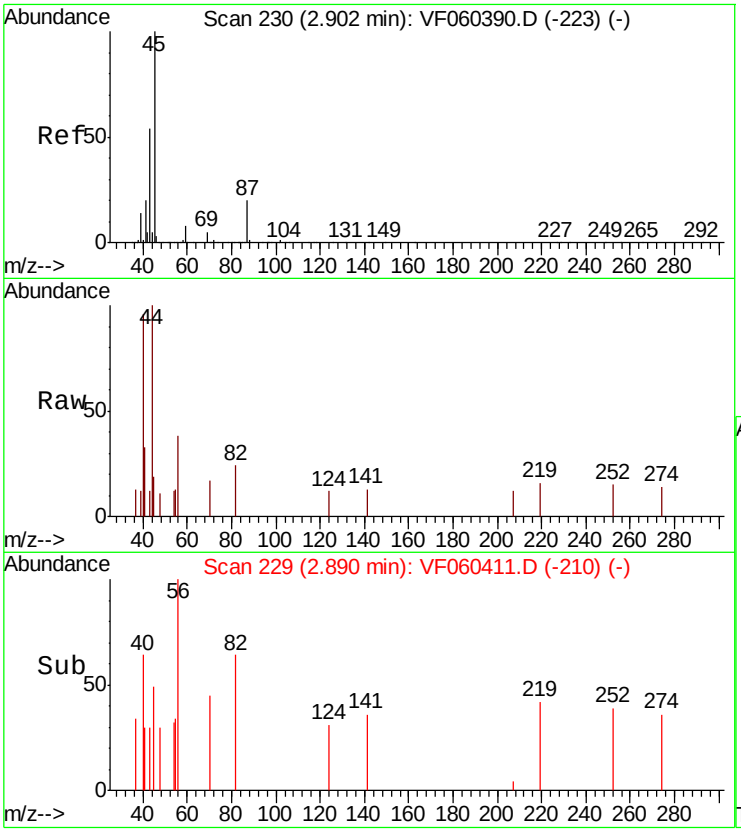


#21
trans-1,2-Dichloroethene
Concen: 122.211 ug/l
RT: 2.38 min Scan# 177
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 96 Resp: 114

Ion	Ratio	Lower	Upper
96	100		
61	0.0	146.2	219.2#
98	0.0	52.6	78.8#



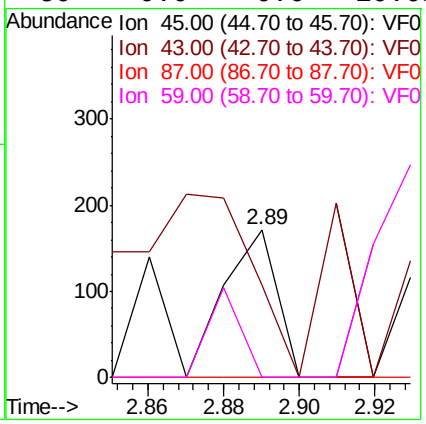


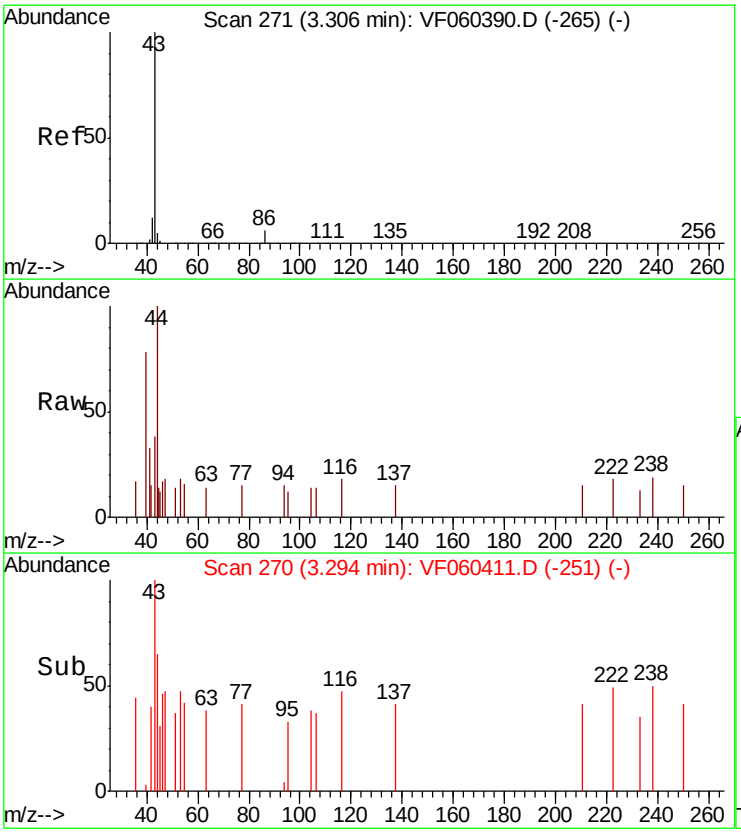
#22
Diisopropyl ether
Concen: 61.108 ug/l
RT: 2.89 min Scan# 229
Delta R.T. -0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 45 Resp: 166

Ion	Ratio	Lower	Upper
45	100		
43	62.2	43.8	65.8
87	0.0	16.3	24.5#
59	0.0	6.6	10.0#

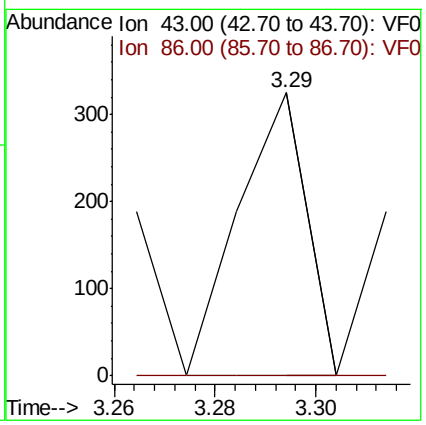


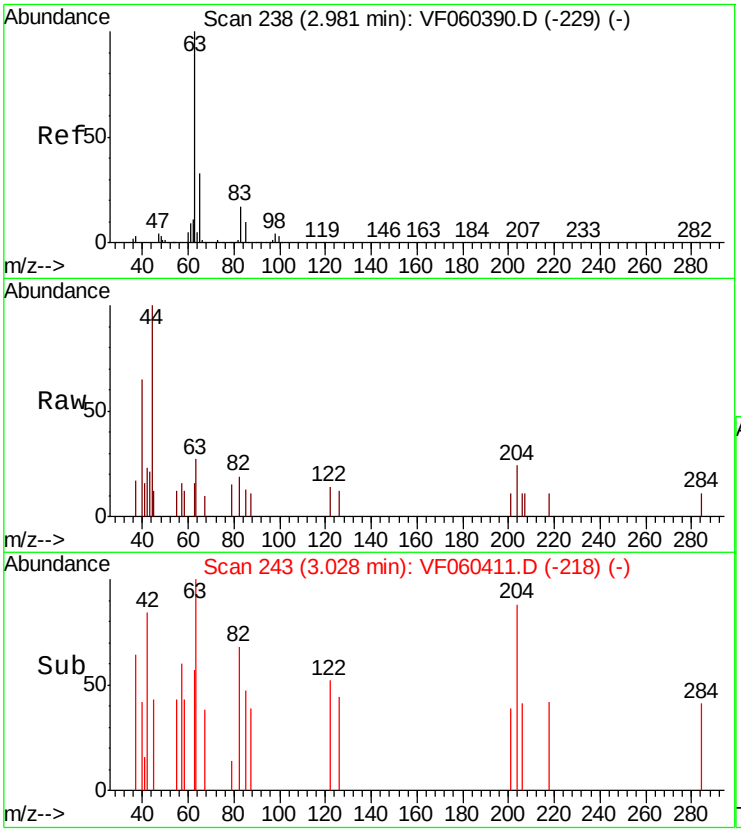


#23
Vinyl Acetate
Concen: 281.722 ug/l
RT: 3.29 min Scan# 270
Delta R.T. -0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 43 Resp: 304

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.1	7.7#



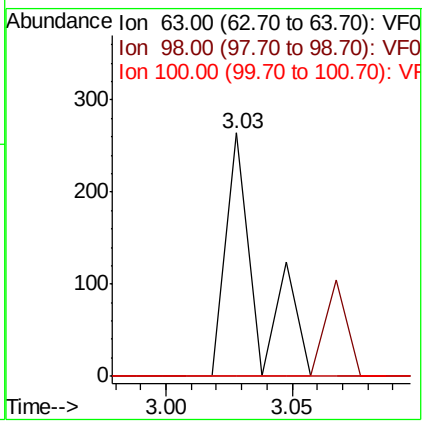


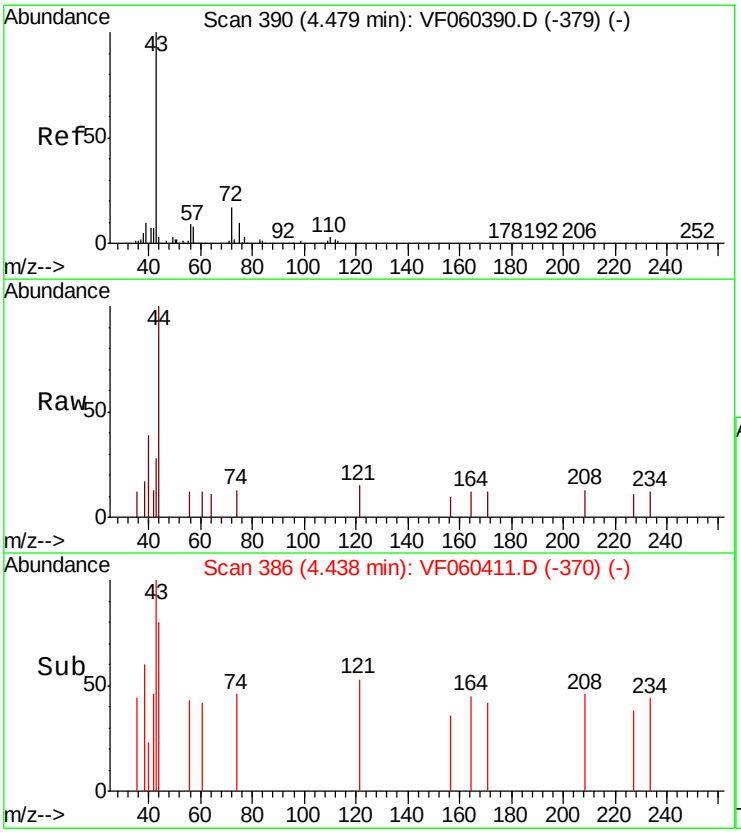
#24
1,1-Dichloroethane
Concen: 125.204 ug/l
RT: 3.03 min Scan# 243
Delta R.T. 0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 63 Resp: 230

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	5.8#
100	0.0	1.4	4.2#

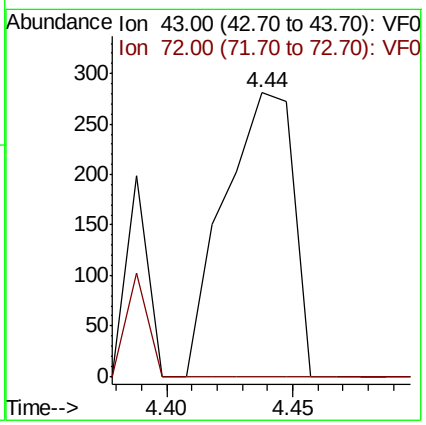


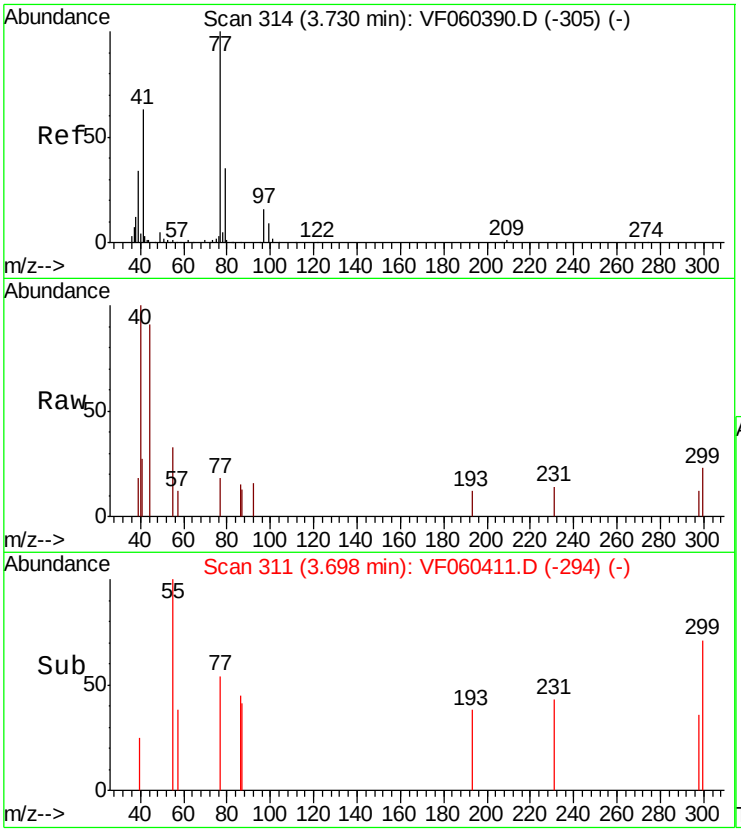


#25
2-Butanone
Concen: 1718.053 ug/l
RT: 4.44 min Scan# 386
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 43 Resp: 536

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#



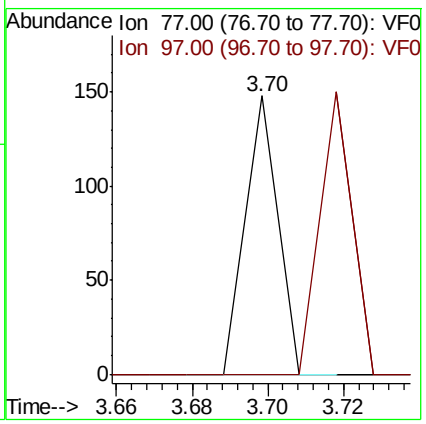


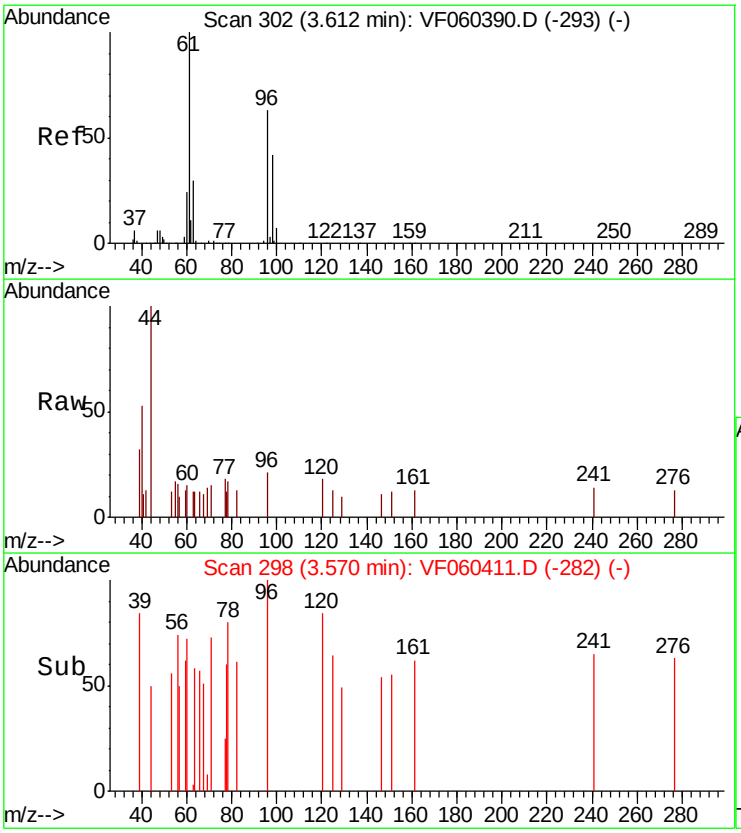
#26
2,2-Dichloropropane
Concen: 84.580 ug/l
RT: 3.70 min Scan# 311
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 77 Resp: 88

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.3	25.1#

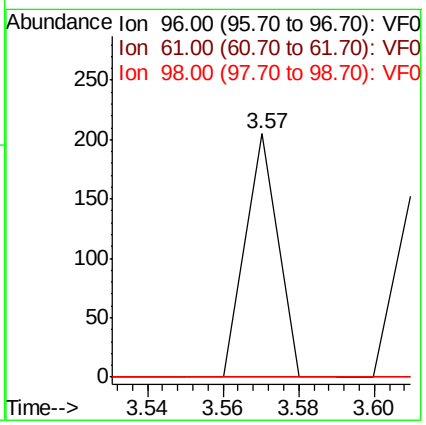


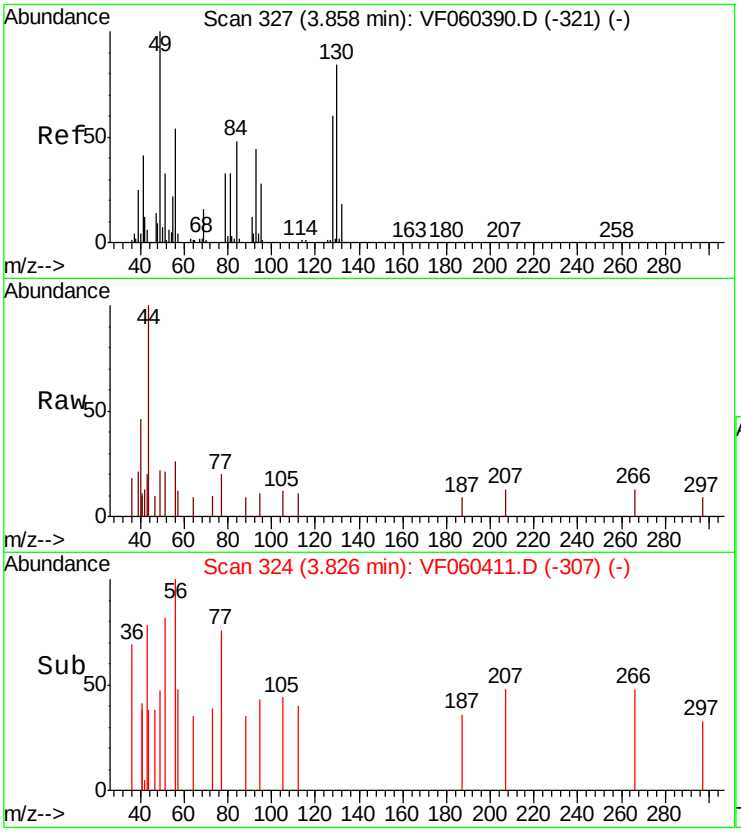


#27
cis-1,2-Dichloroethene
Concen: 116.016 ug/l
RT: 3.57 min Scan# 298
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 96 Resp: 121

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	318.2
98	0.0	0.0	134.0



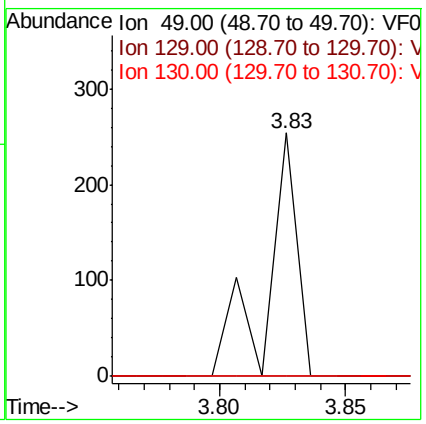


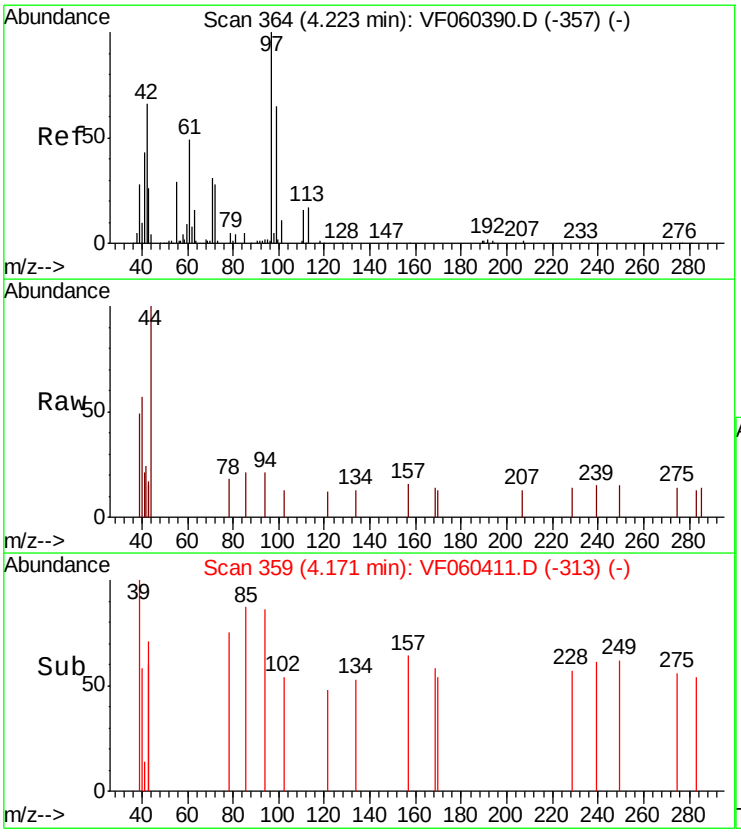
#28
Bromochloromethane
Concen: 311.657 ug/l
RT: 3.83 min Scan# 324
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 49 Resp: 211

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	67.3	100.9#

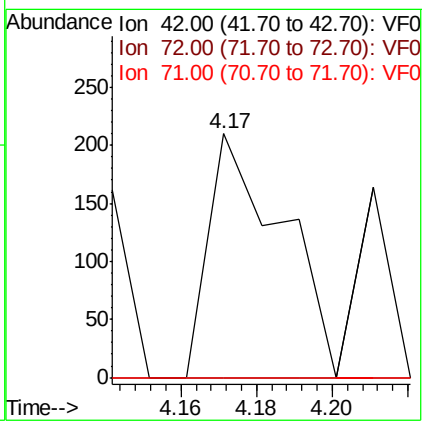


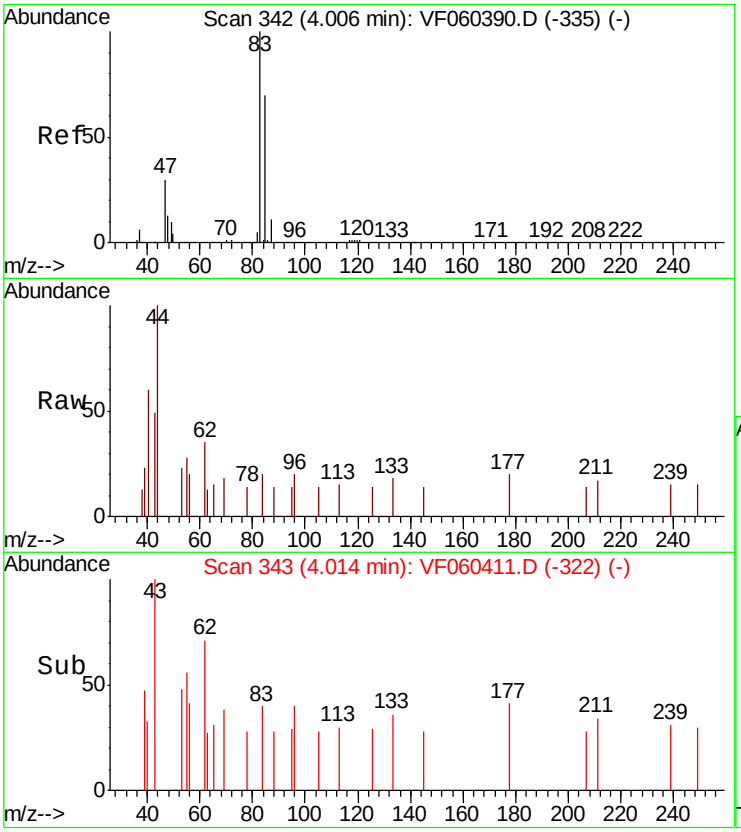


#29
Tetrahydrofuran
Concen: 2439.667 ug/l
RT: 4.17 min Scan# 359
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 42 Resp: 282

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.6	50.4#
71	0.0	32.7	49.1#



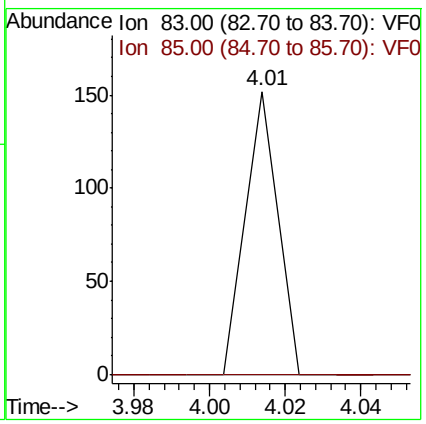


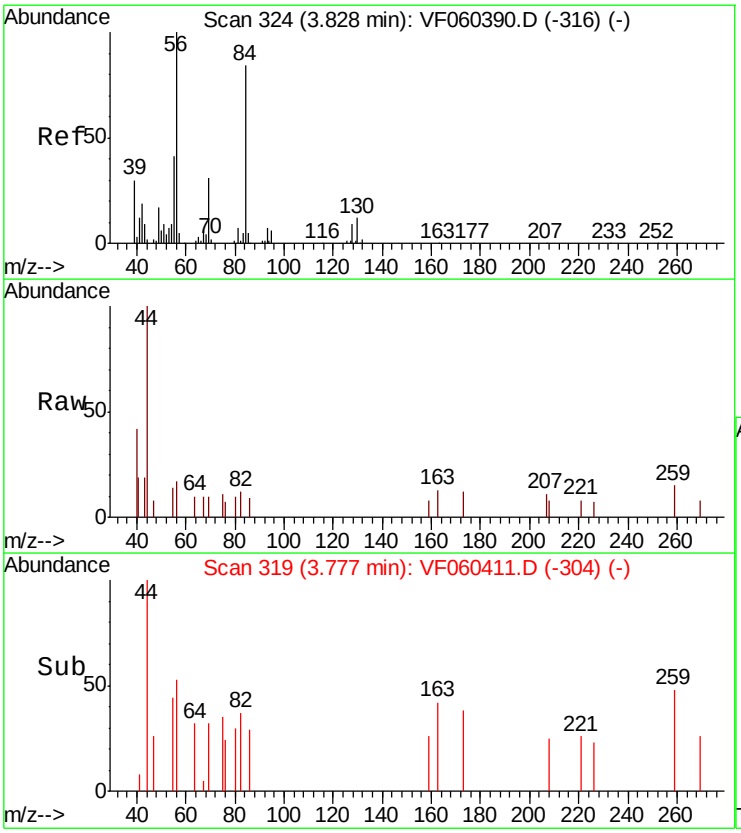
#30
Chloroform
Concen: 39.705 ug/l
RT: 4.01 min Scan# 343
Delta R.T. 0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 83 Resp: 90

Ion	Ratio	Lower	Upper
83	100		
85	0.0	55.9	83.9#

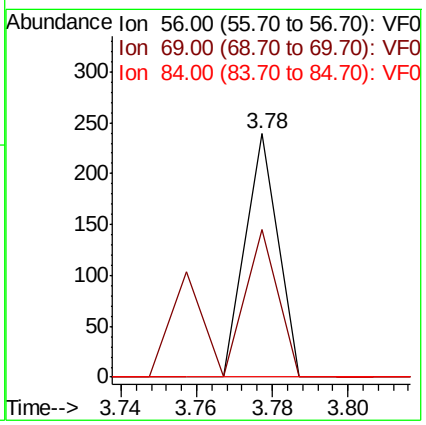


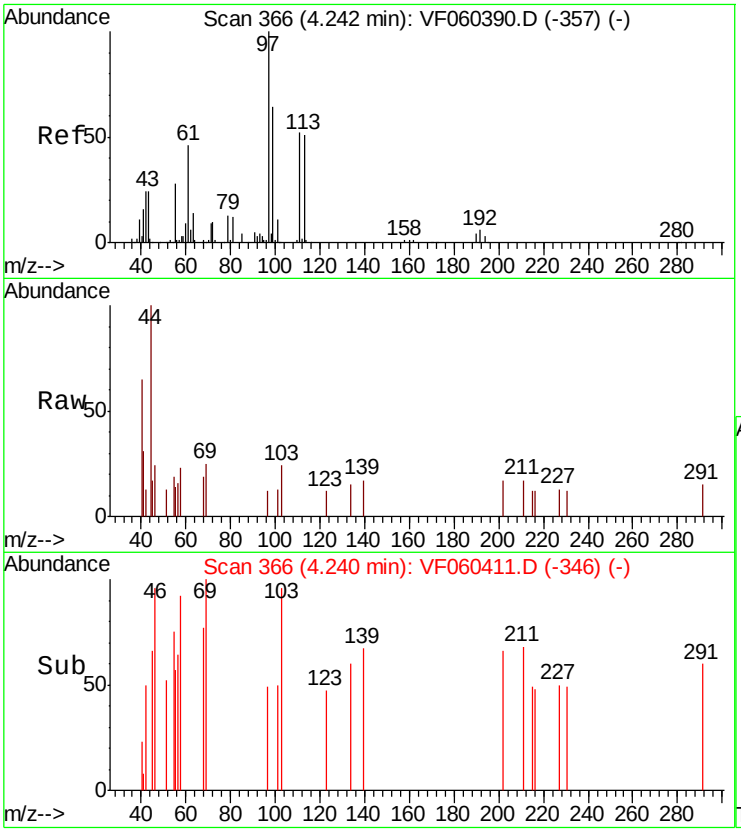


#31
Cyclohexane
Concen: 106.891 ug/l
RT: 3.78 min Scan# 319
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 56 Resp: 141

Ion	Ratio	Lower	Upper
56	100		
69	60.7	25.5	38.3#
84	0.0	67.4	101.0#



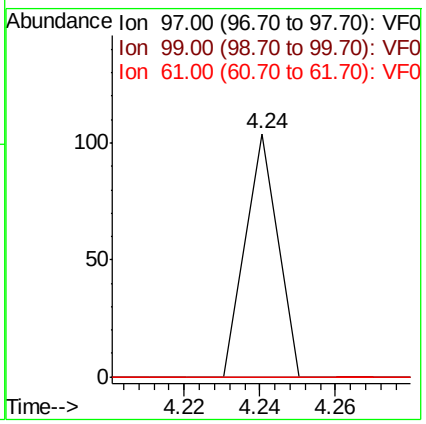


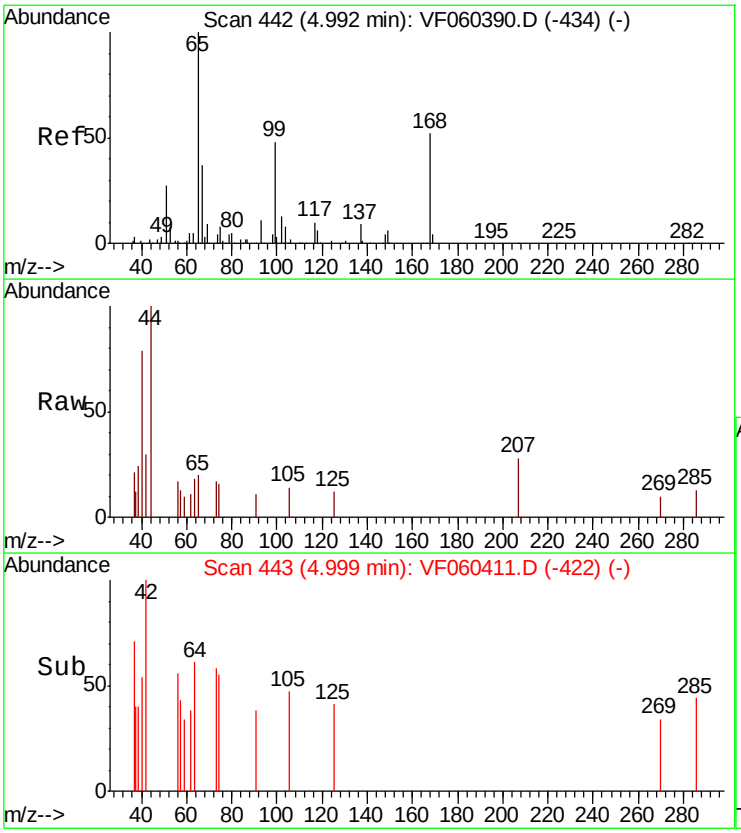
#32
1,1,1-Trichloroethane
Concen: 32.870 ug/l
RT: 4.24 min Scan# 366
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 97 Resp: 62

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	0.0	37.5	56.3#

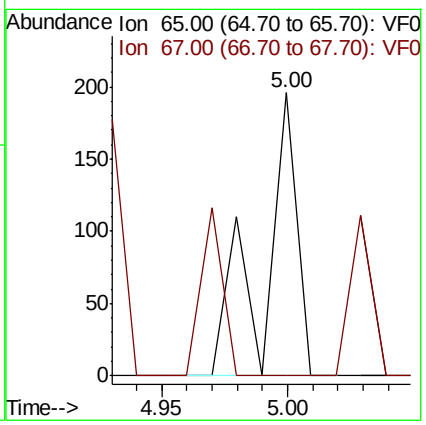


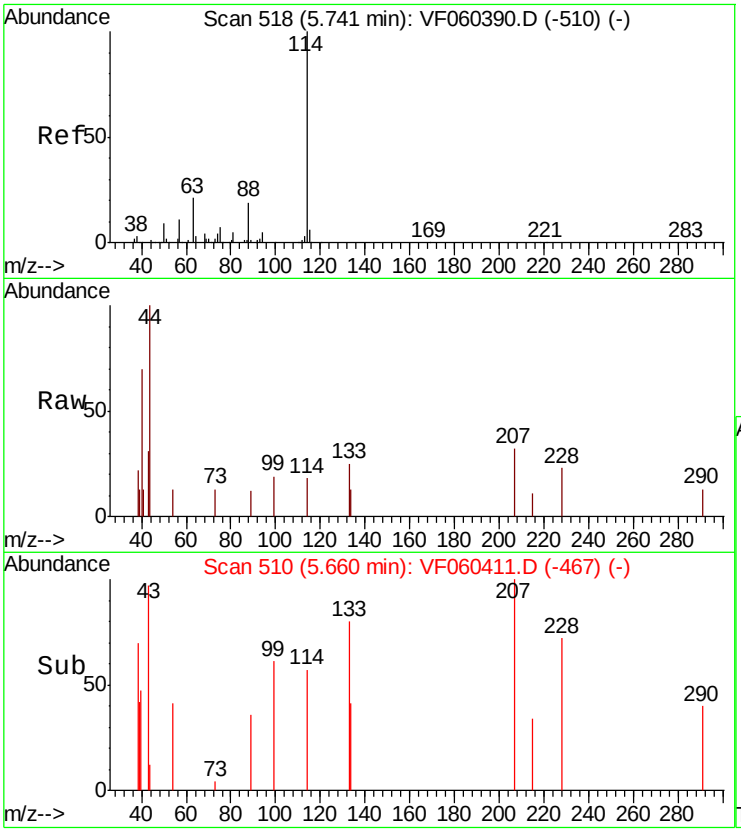


#33
1,2-Dichloroethane-d4
Concen: 150.224 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 65 Resp: 181

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	89.4



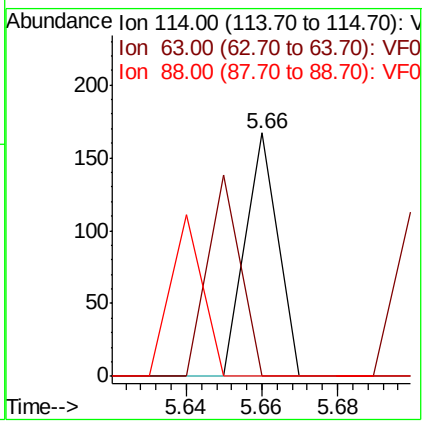


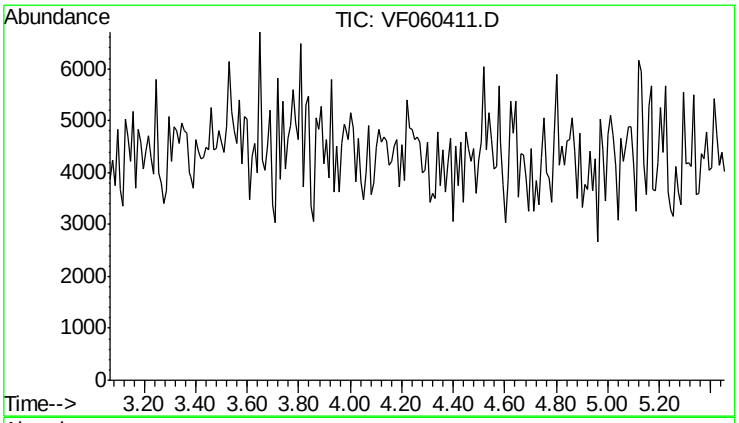
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 510
Delta R.T. -0.08 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:114 Resp: 99

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



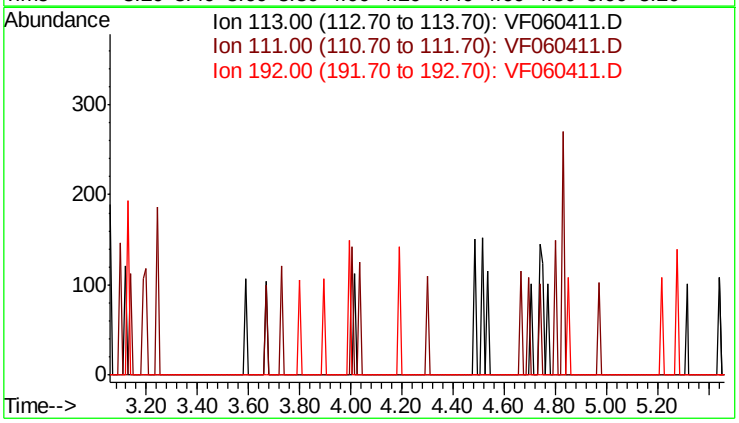


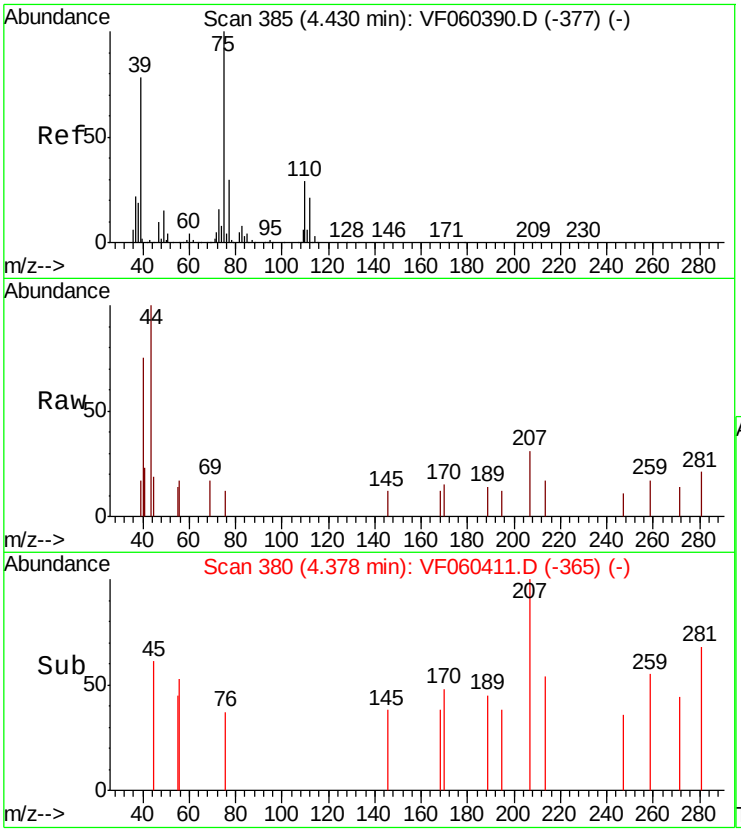
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.26 min

Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.9
192	14.7



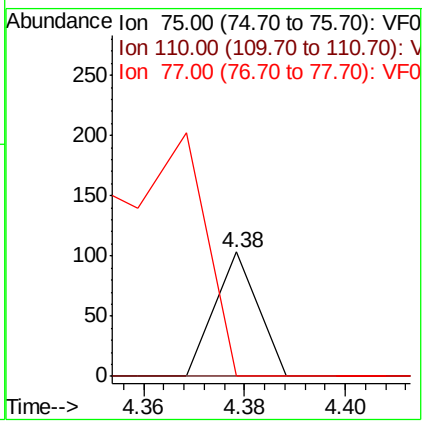


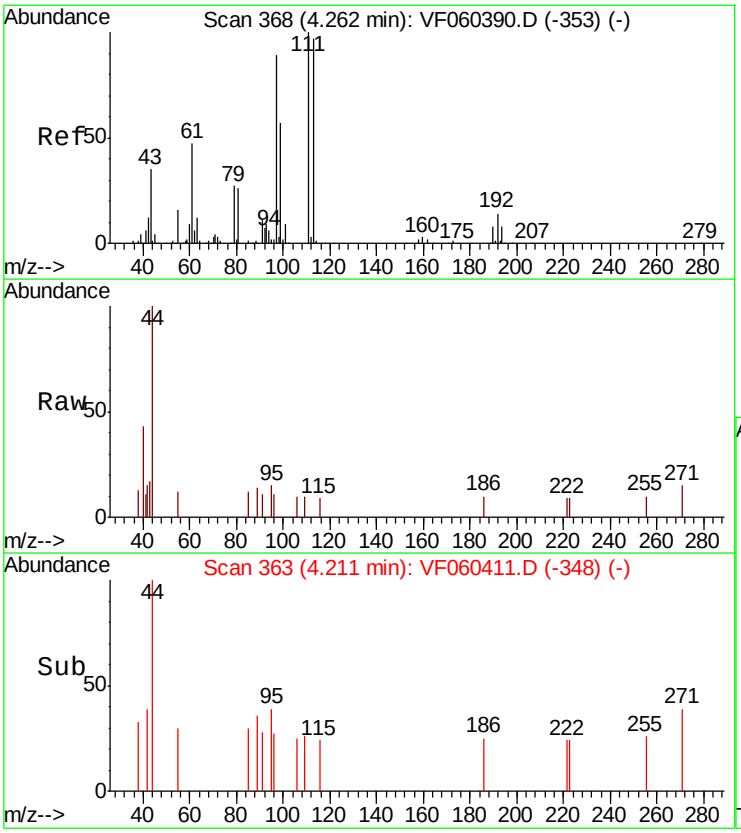
#36
1,1-Dichloropropene
Concen: 49.976 ug/l
RT: 4.38 min Scan# 380
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 75 Resp: 61

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.5	43.6#
77	0.0	24.3	36.5#

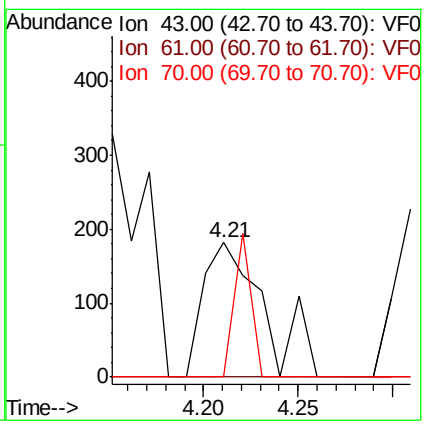


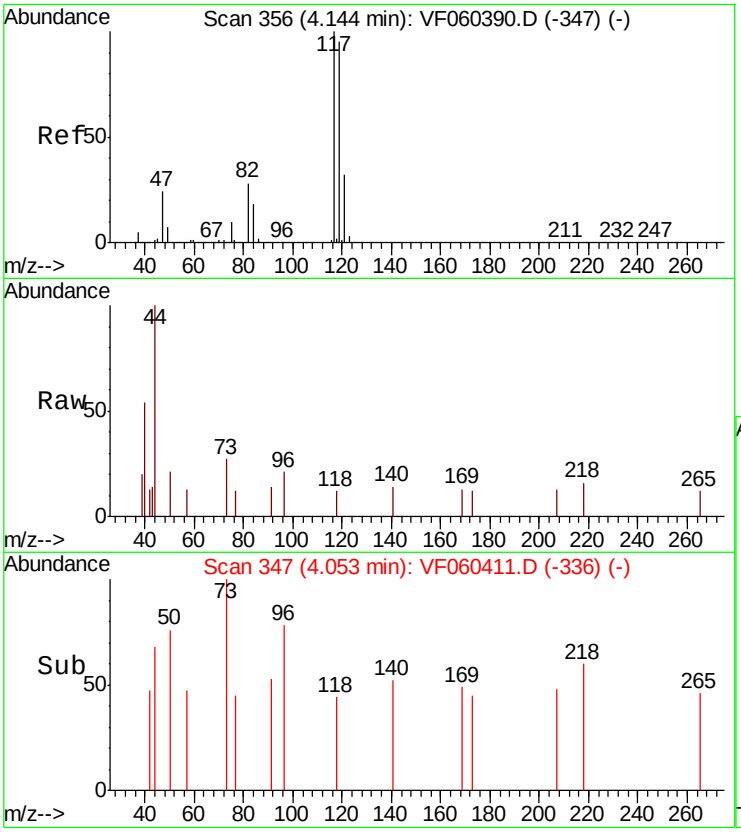


#37
Ethyl Acetate
Concen: 868.610 ug/l
RT: 4.21 min Scan# 363
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 43 Resp: 406

Ion	Ratio	Lower	Upper
43	100		
61	0.0	105.1	157.7#
70	0.0	8.0	12.0#



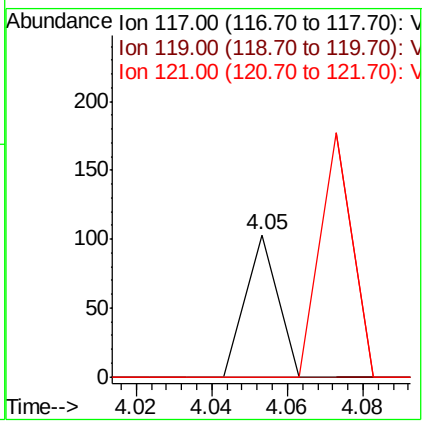


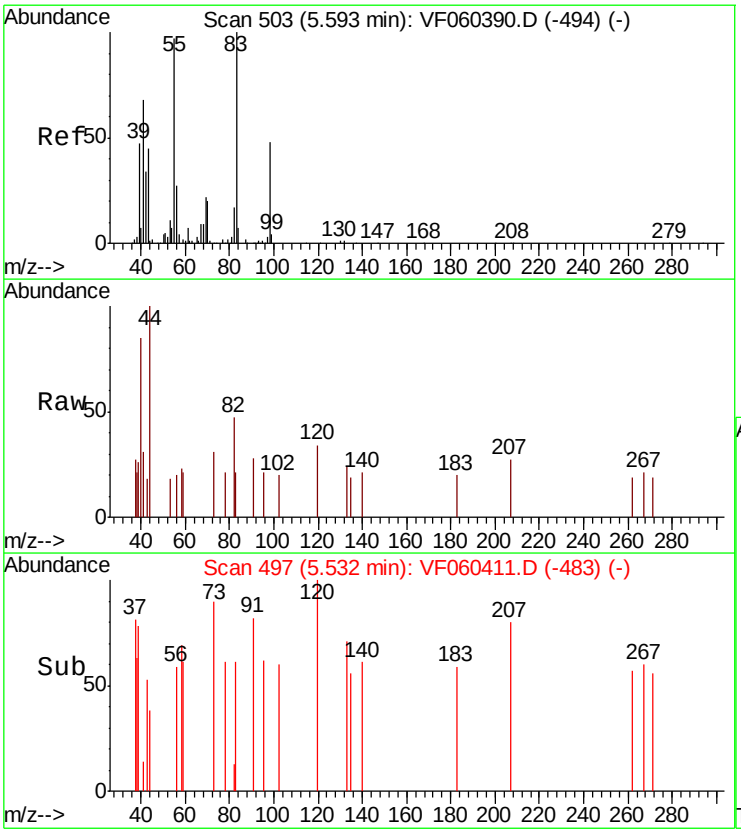
#38
Carbon Tetrachloride
Concen: 41.057 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.09 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion:117 Resp: 61

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.5	113.3#
121	0.0	25.4	38.0#

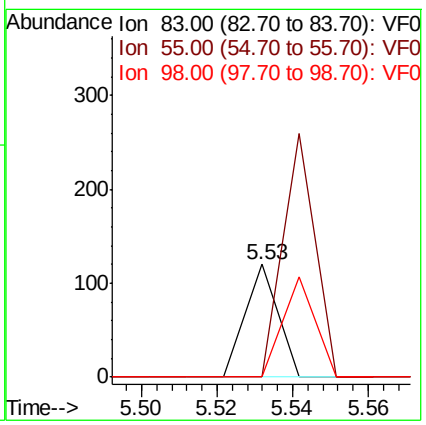


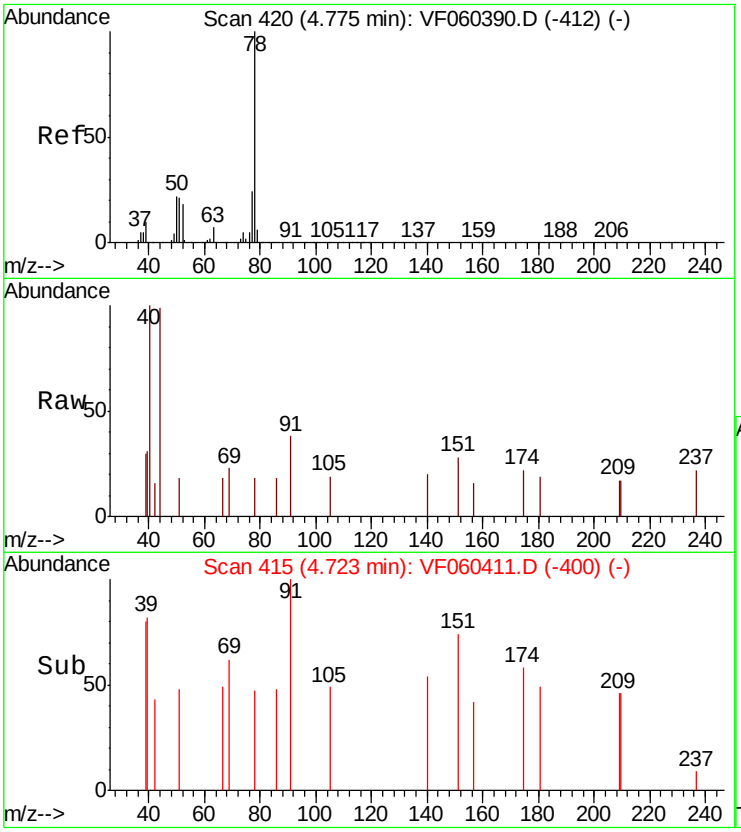


#39
Methylcyclohexane
Concen: 59.335 ug/l
RT: 5.53 min Scan# 497
Delta R.T. -0.06 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 83 Resp: 71

Ion	Ratio	Lower	Upper
83	100		
55	0.0	77.5	116.3#
98	0.0	38.7	58.1#



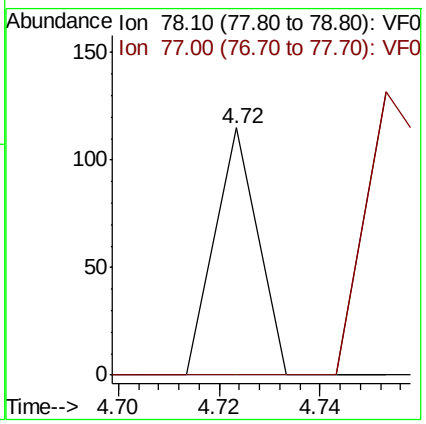


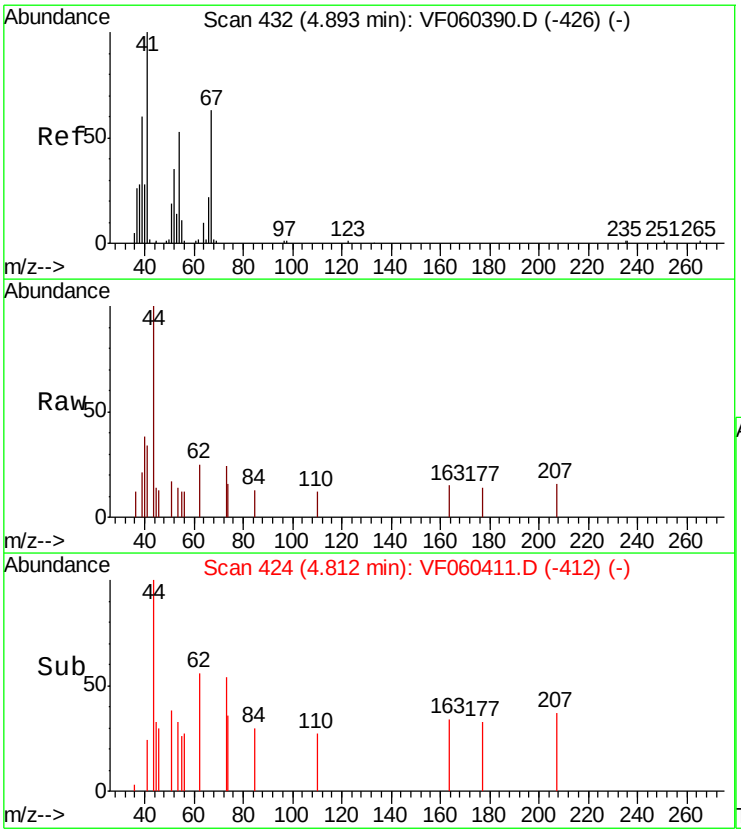
#40
Benzene
Concen: 28.063 ug/l
RT: 4.72 min Scan# 415
Delta R.T. -0.05 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 78 Resp: 68

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.2	28.8#

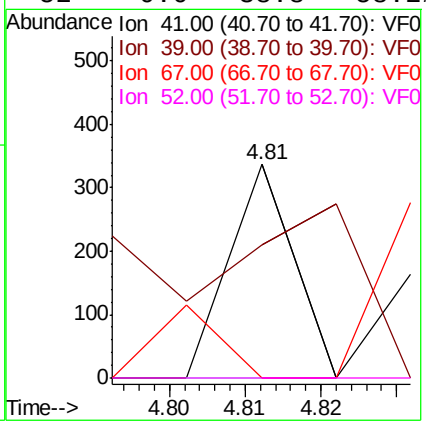


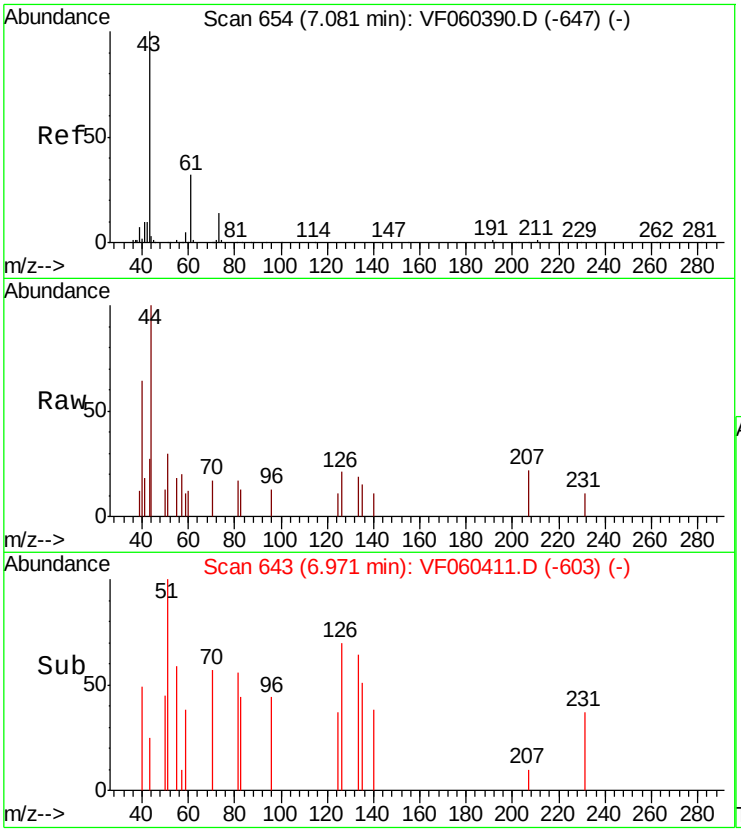


#41
Methacrylonitrile
Concen: 802.961 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.08 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 41 Resp: 199

Ion	Ratio	Lower	Upper
41	100		
39	172.1	55.0	82.4#
67	0.0	49.6	74.4#
52	0.0	38.8	58.2#



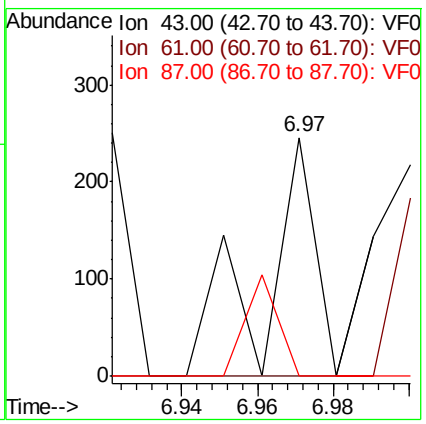


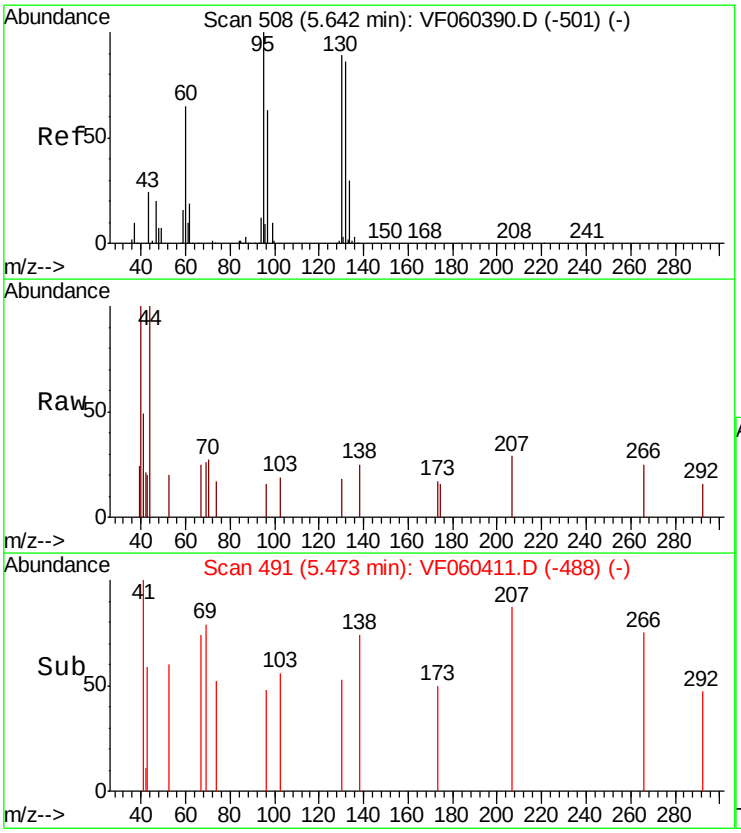
#43
Isopropyl Acetate
Concen: 408.952 ug/l
RT: 6.97 min Scan# 643
Delta R.T. -0.11 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 43 Resp: 231

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.4	38.2#
87	0.0	0.3	0.5#

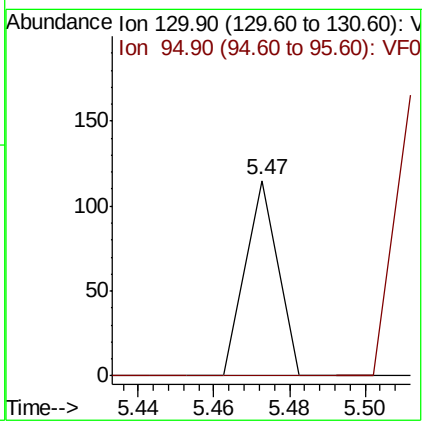


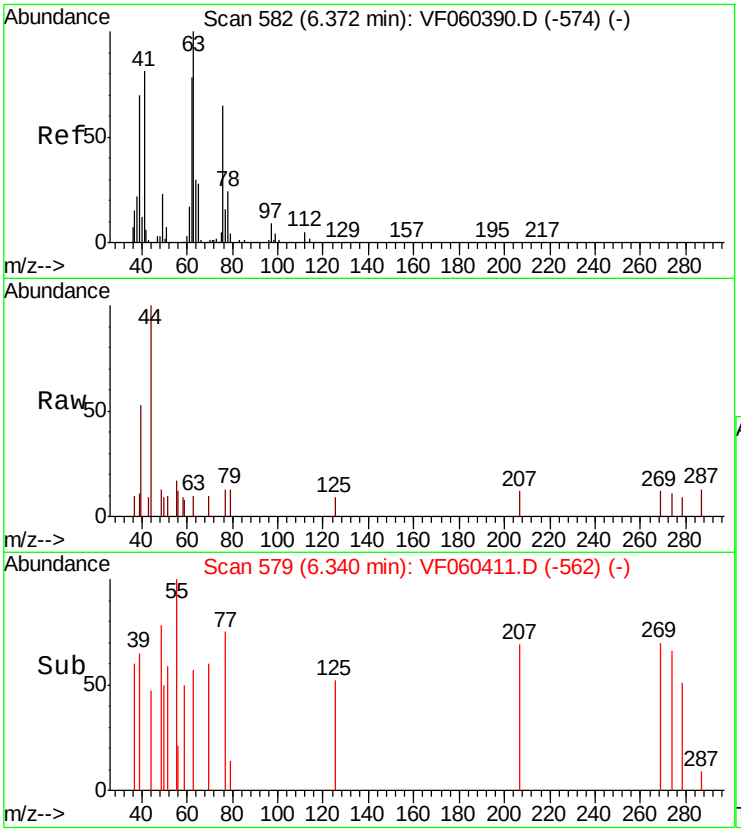


#44
Trichloroethene
Concen: 87.461 ug/l
RT: 5.47 min Scan# 491
Delta R.T. -0.17 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:130 Resp: 68

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	224.4



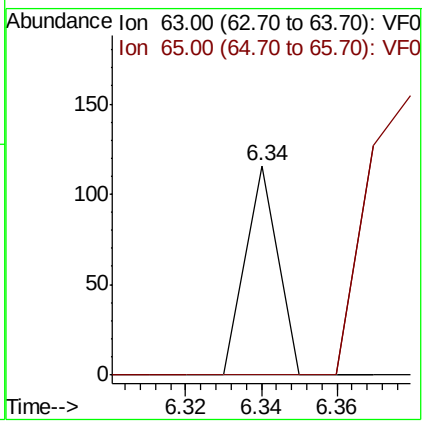


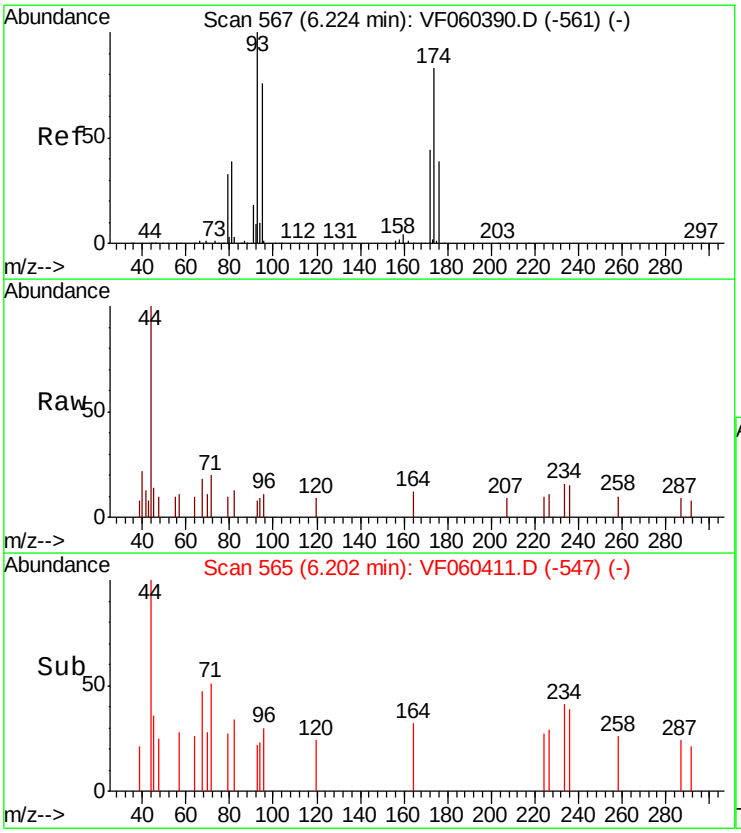
#45
1,2-Dichloropropane
Concen: 106.927 ug/l
RT: 6.34 min Scan# 579
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 63 Resp: 69

Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.7	34.1#

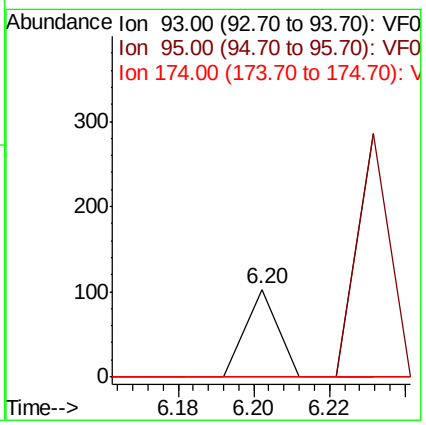


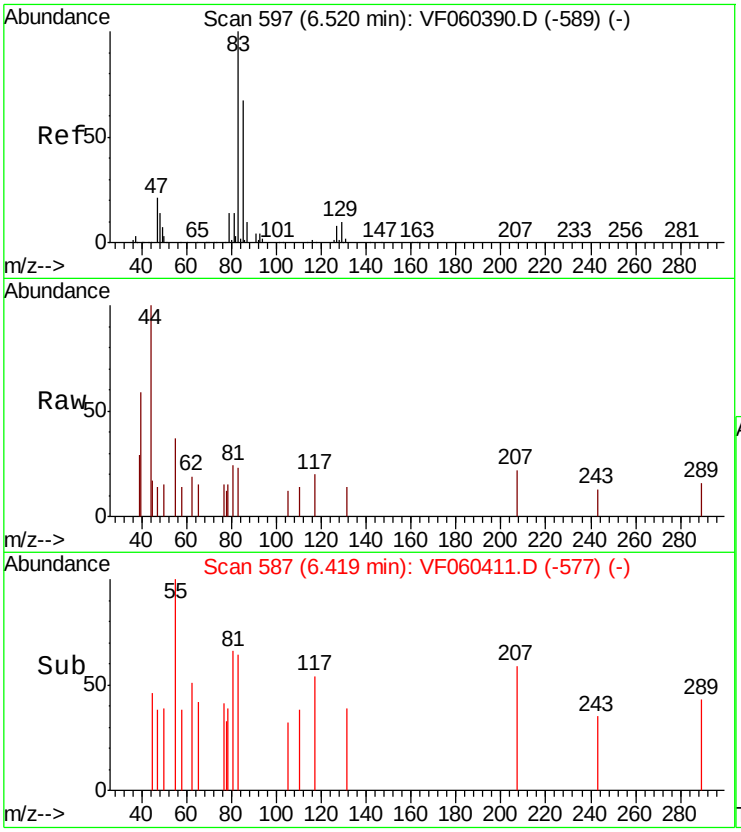


#46
Dibromomethane
Concen: 117.574 ug/l
RT: 6.20 min Scan# 565
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 93 Resp: 61

Ion	Ratio	Lower	Upper
93	100		
95	0.0	61.1	91.7#
174	0.0	66.7	100.1#



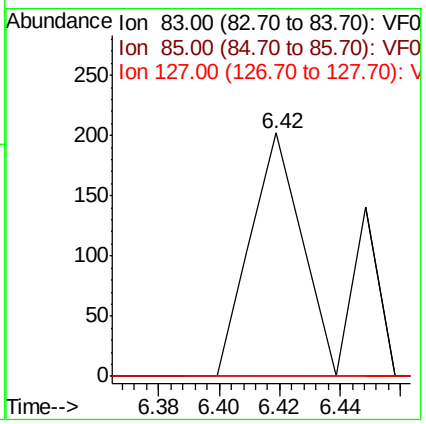


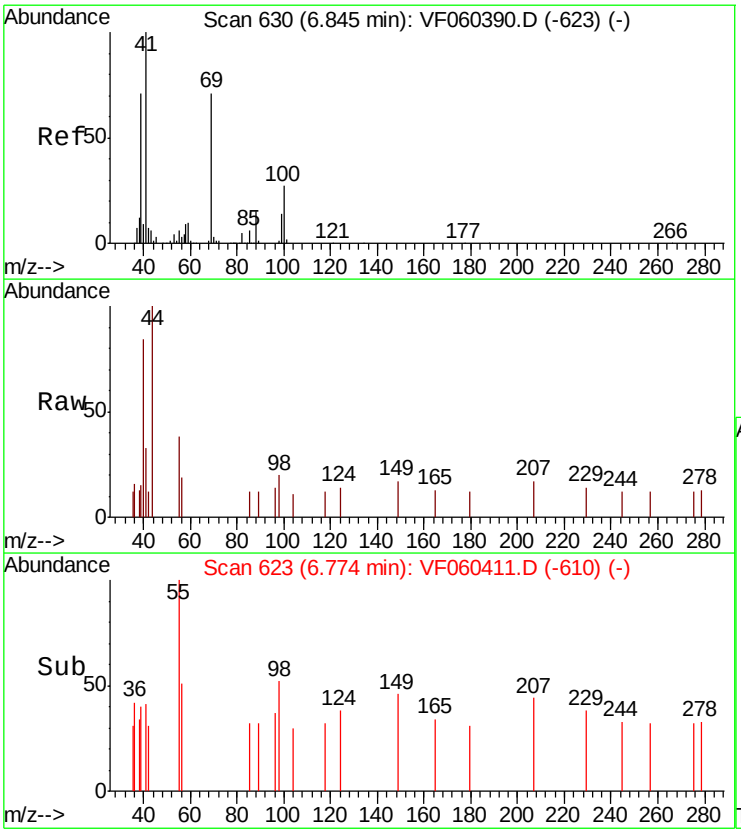
#47
Bromodichloromethane
Concen: 189.113 ug/l
RT: 6.42 min Scan# 587
Delta R.T. -0.10 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 83 Resp: 243

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.2	79.8#
127	0.0	6.6	9.8#

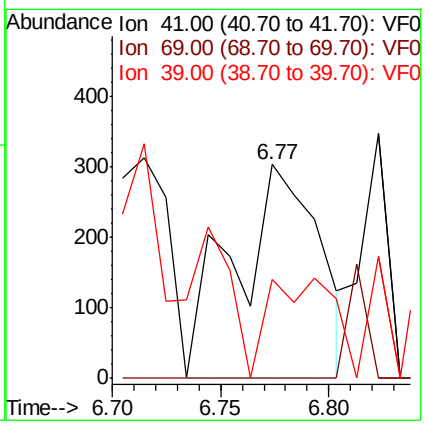


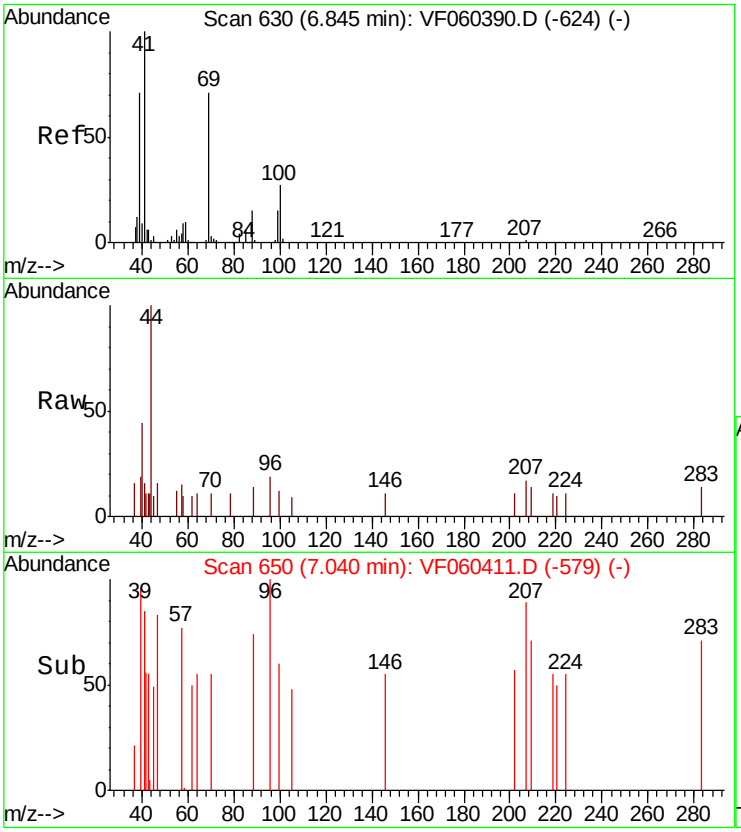


#48
Methyl methacrylate
Concen: 2024.792 ug/l
RT: 6.77 min Scan# 623
Delta R.T. -0.07 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 41 Resp: 821

Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.3	84.5#
39	45.9	56.9	85.3#



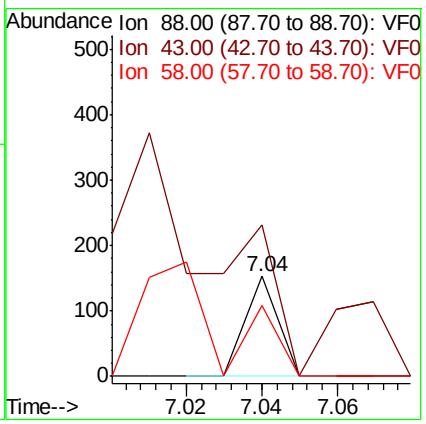


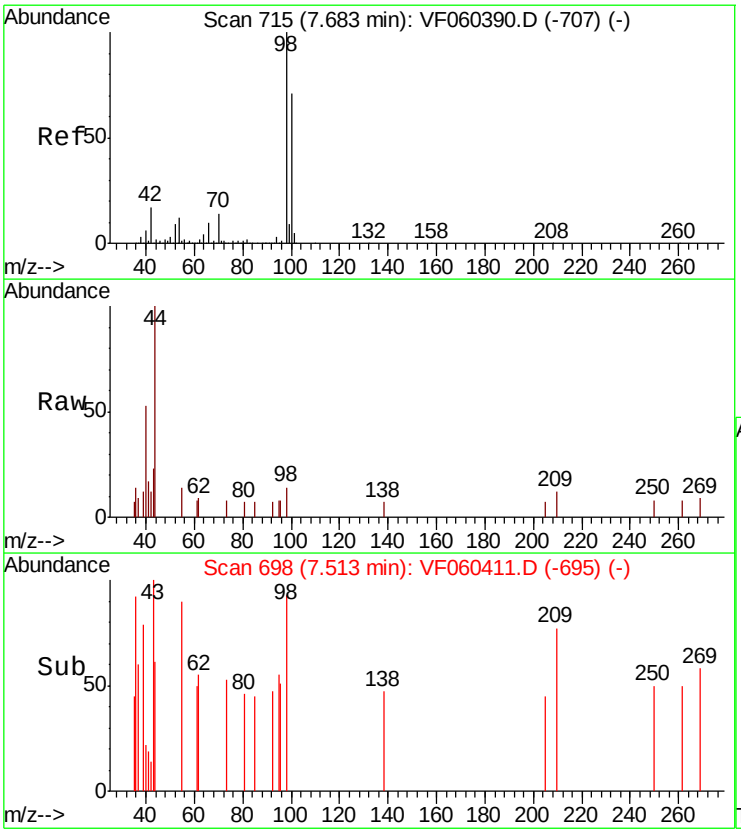
#49
1,4-Dioxane
Concen: 25743.096 ug/l
RT: 7.04 min Scan# 650
Delta R.T. 0.20 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 88 Resp: 90

Ion	Ratio	Lower	Upper
88	100		
43	151.6	38.3	57.5#
58	71.2	47.4	71.2#

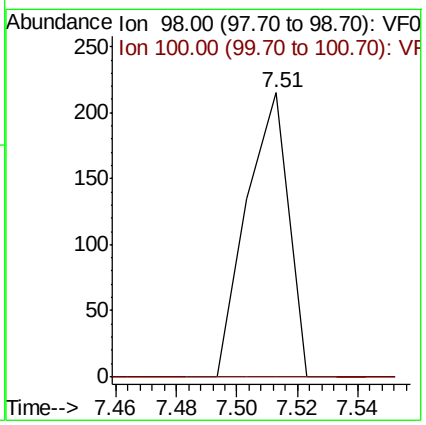


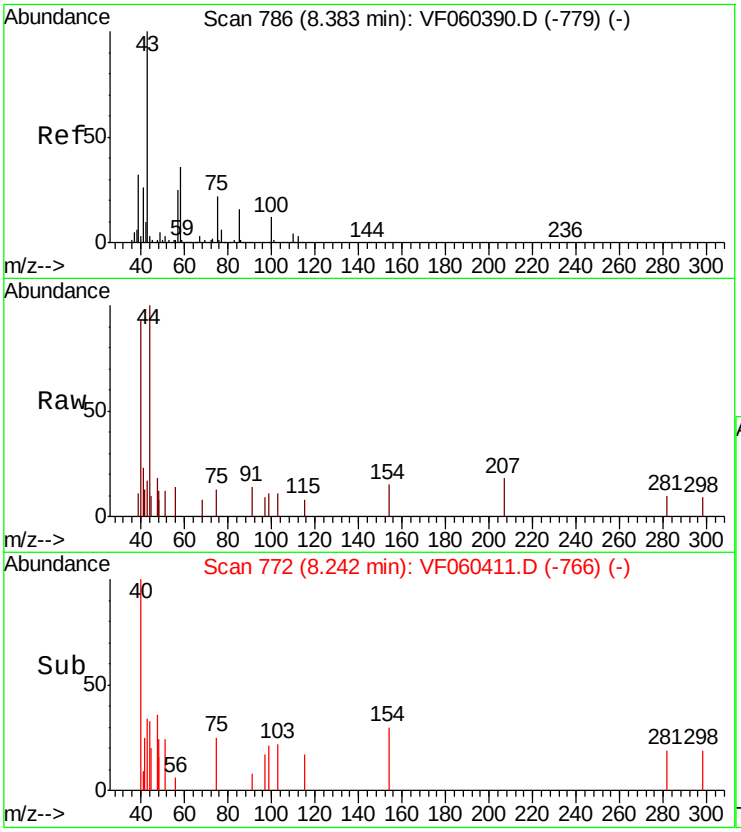


#50
Toluene-d8
Concen: 90.373 ug/l
RT: 7.51 min Scan# 698
Delta R.T. -0.17 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 98 Resp: 207

Ion	Ratio	Lower	Upper
98	100		
100	0.0	56.5	84.7#



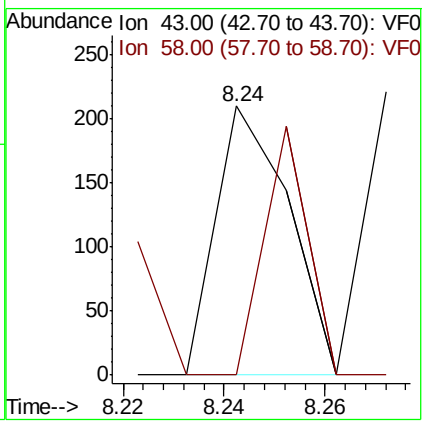


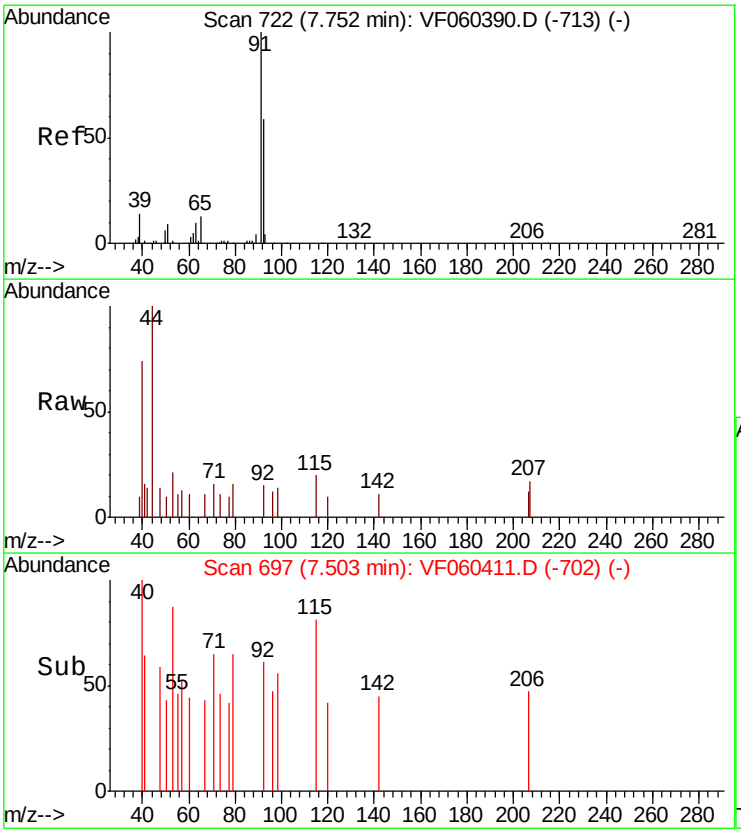
#51
4-Methyl-2-Pentanone
Concen: 519.783 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.14 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 43 Resp: 209

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

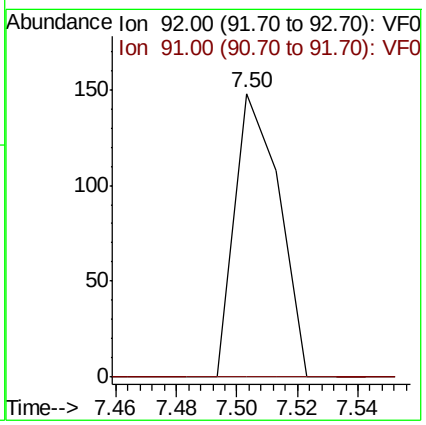


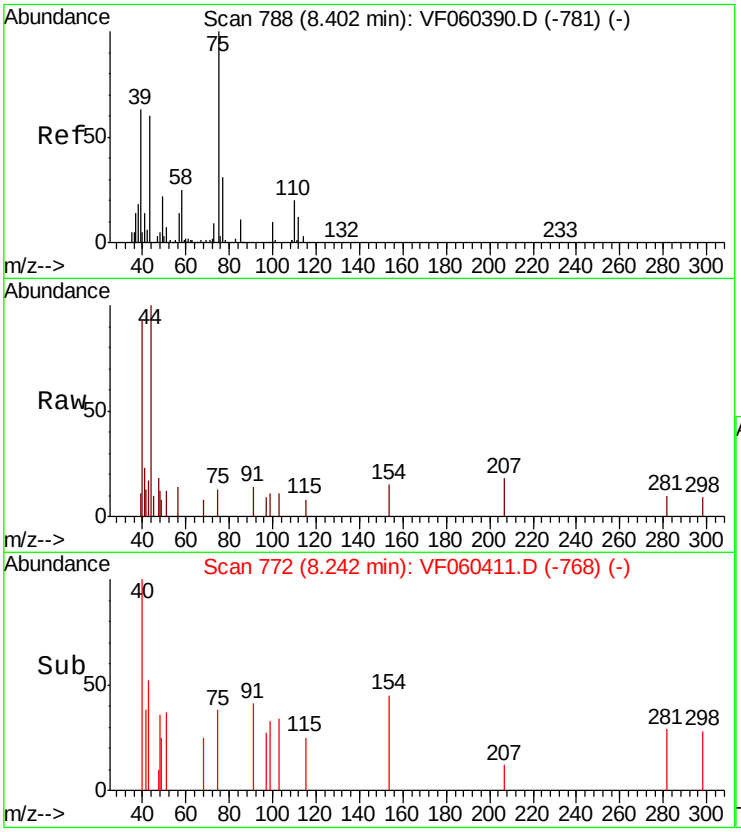


#52
Toluene
Concen: 91.747 ug/l
RT: 7.50 min Scan# 697
Delta R.T. -0.25 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 92 Resp: 151

Ion	Ratio	Lower	Upper
92	100		
91	0.0	135.4	203.0#



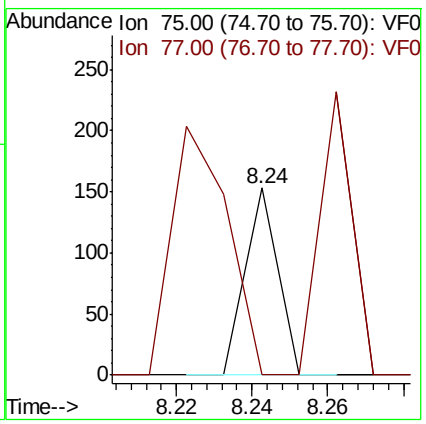


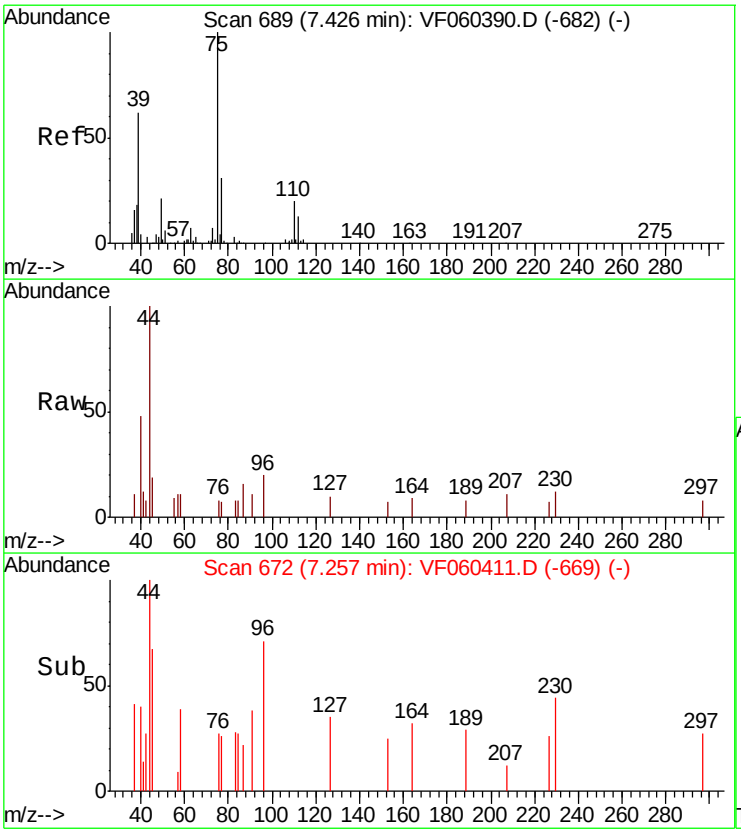
#53
t-1,3-Dichloropropene
Concen: 89.374 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.16 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 75 Resp: 90

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#

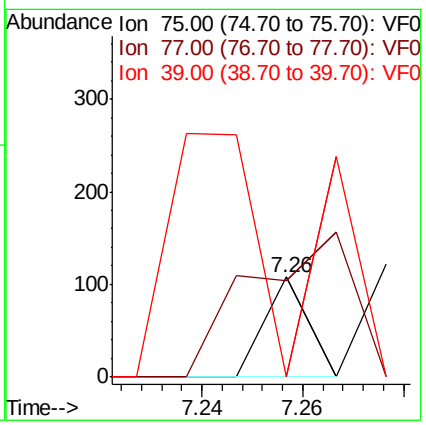


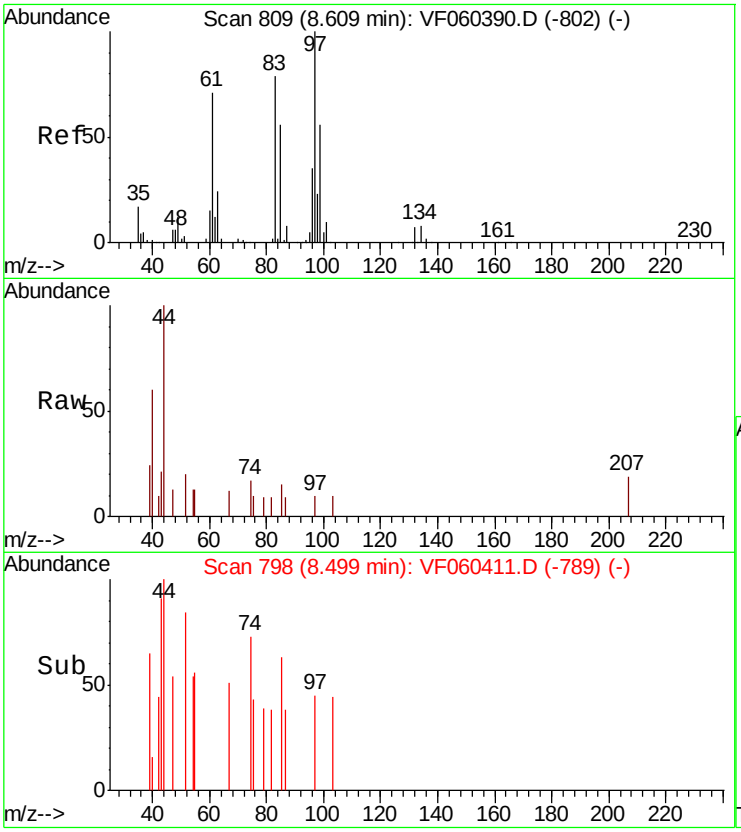


#54
cis-1,3-Dichloropropene
Concen: 54.380 ug/l
RT: 7.26 min Scan# 672
Delta R.T. -0.17 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 75 Resp: 64

Ion	Ratio	Lower	Upper
75	100		
77	96.3	25.2	37.8#
39	0.0	49.7	74.5#



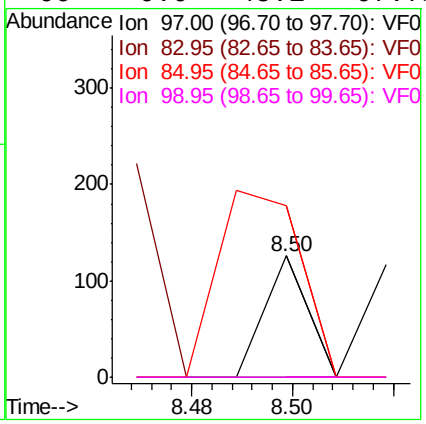


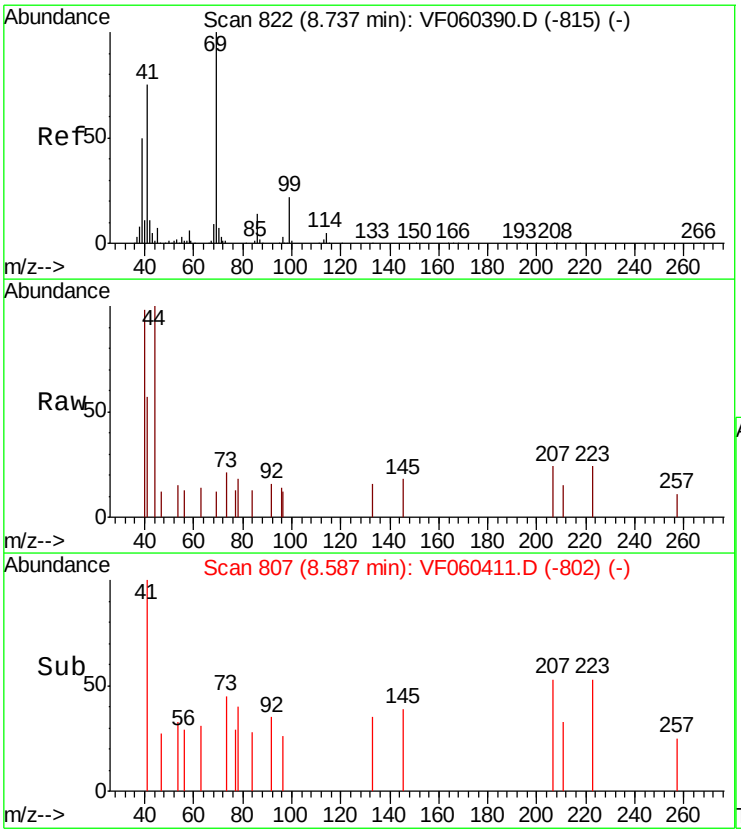
#55
1,1,2-Trichloroethane
Concen: 143.766 ug/l
RT: 8.50 min Scan# 798
Delta R.T. -0.11 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 97 Resp: 75

Ion	Ratio	Lower	Upper
97	100		
83	0.0	63.4	95.0#
85	141.3	44.5	66.7#
99	0.0	45.1	67.7#

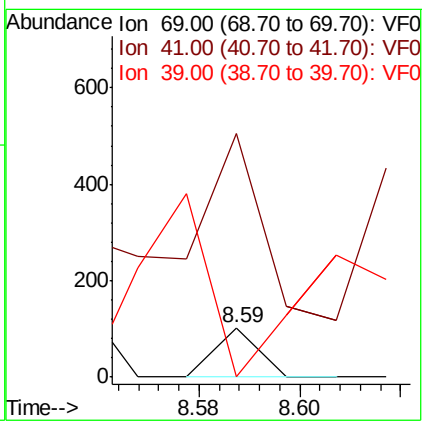


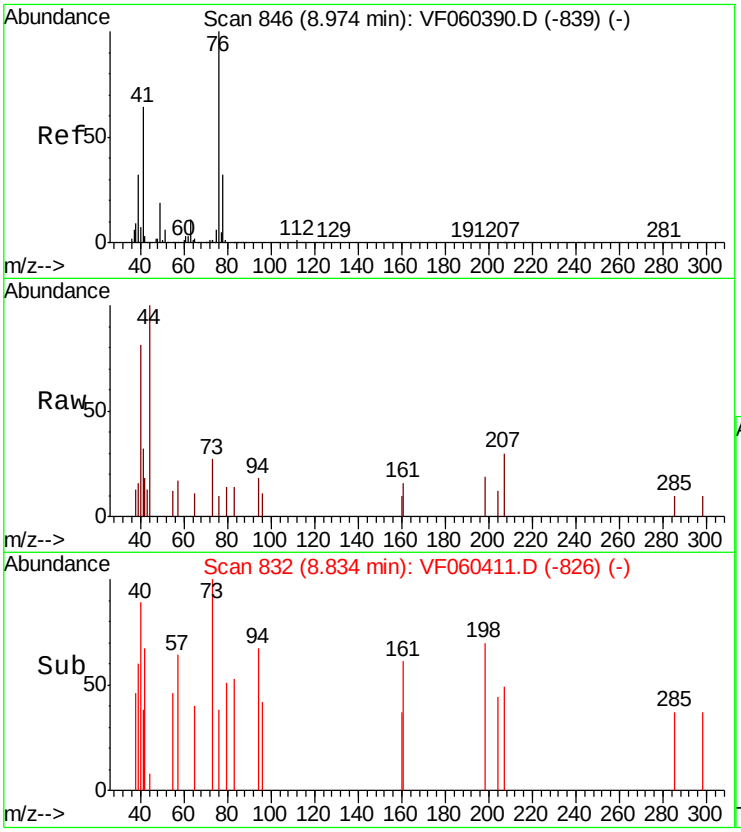


#56
Ethyl methacrylate
Concen: 102.902 ug/l
RT: 8.59 min Scan# 807
Delta R.T. -0.15 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 69 Resp: 61

Ion	Ratio	Lower	Upper
69	100		
41	490.3	60.2	90.4#
39	0.0	40.2	60.2#



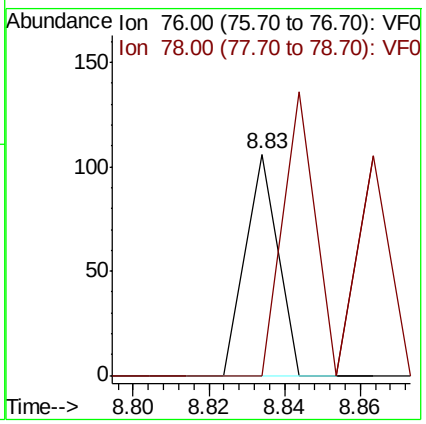


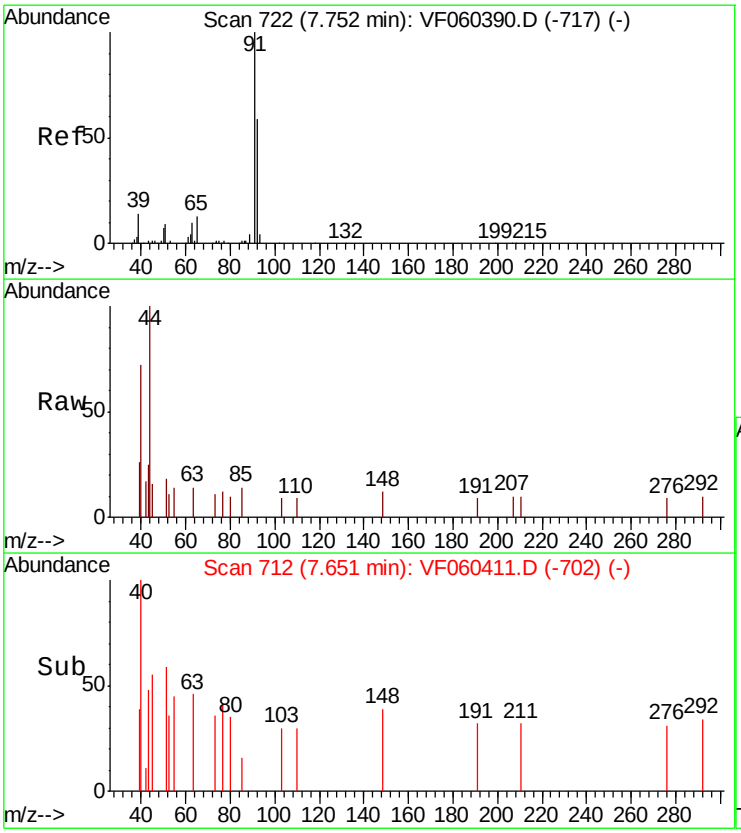
#57
1,3-Dichloropropane
Concen: 71.384 ug/l
RT: 8.83 min Scan# 832
Delta R.T. -0.14 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 76 Resp: 63

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.3	37.9#

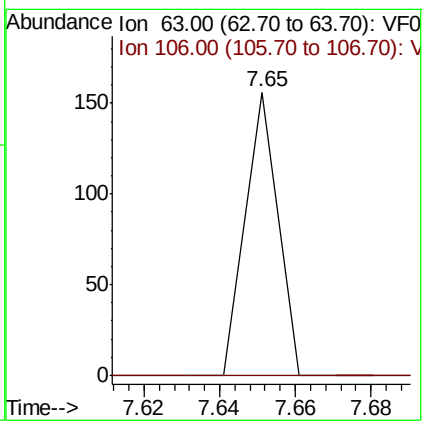


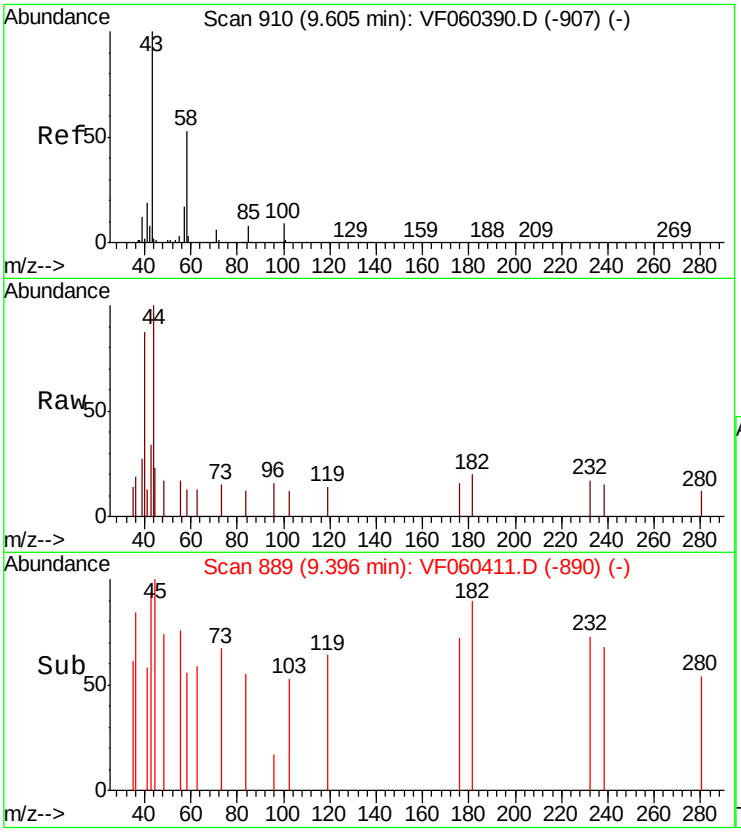


#58
2-Chloroethyl Vinyl ether
Concen: 1519.365 ug/l
RT: 7.65 min Scan# 712
Delta R.T. -0.10 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 63 Resp: 92

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



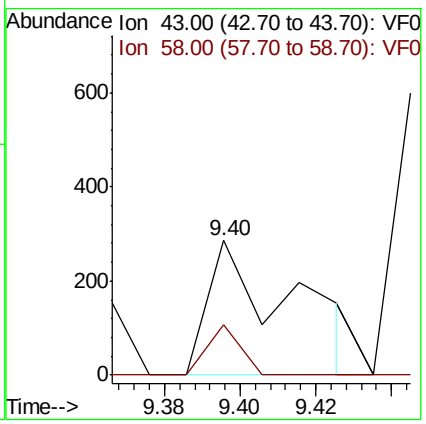


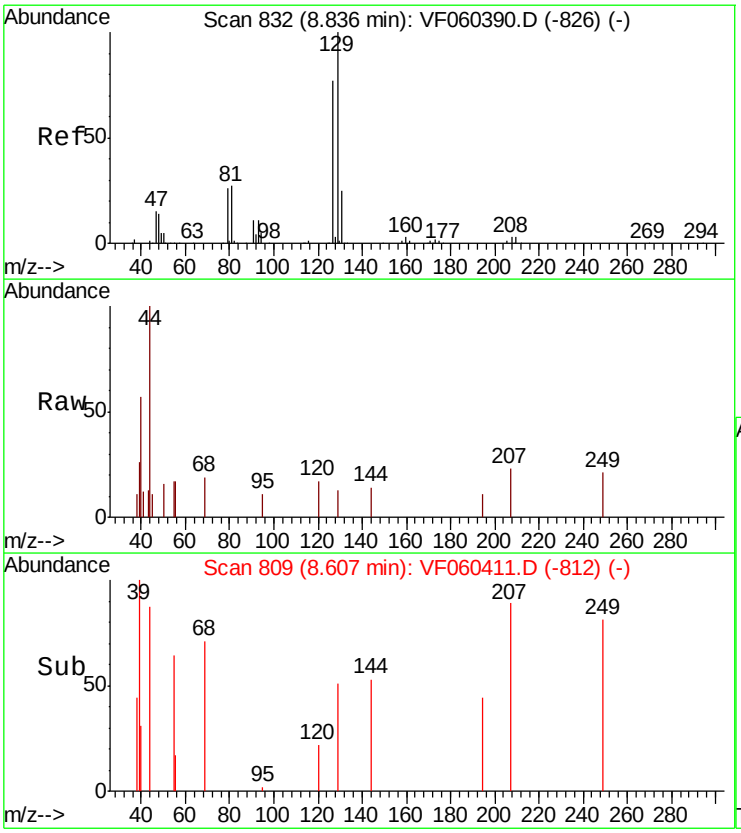
#59
2-Hexanone
Concen: 1488.497 ug/l
RT: 9.40 min Scan# 889
Delta R.T. -0.21 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 43 Resp: 439

Ion	Ratio	Lower	Upper
43	100		
58	37.4	25.6	76.6

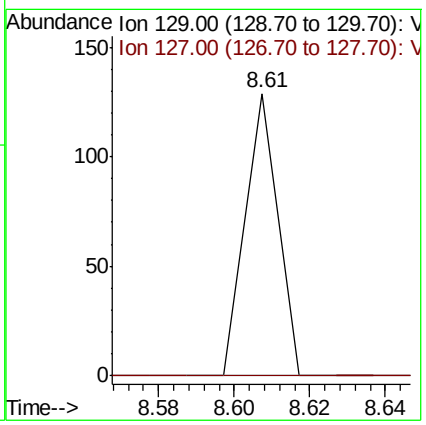


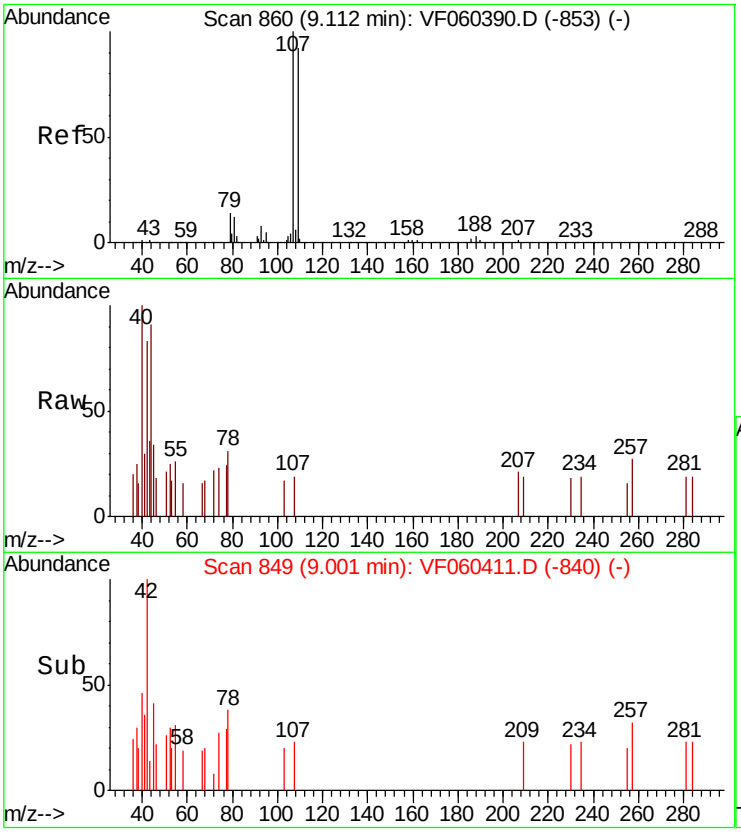


#60
Dibromochloromethane
Concen: 96.757 ug/l
RT: 8.61 min Scan# 809
Delta R.T. -0.23 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:129 Resp: 76

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



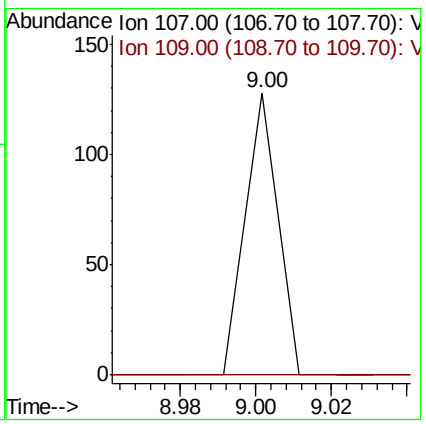


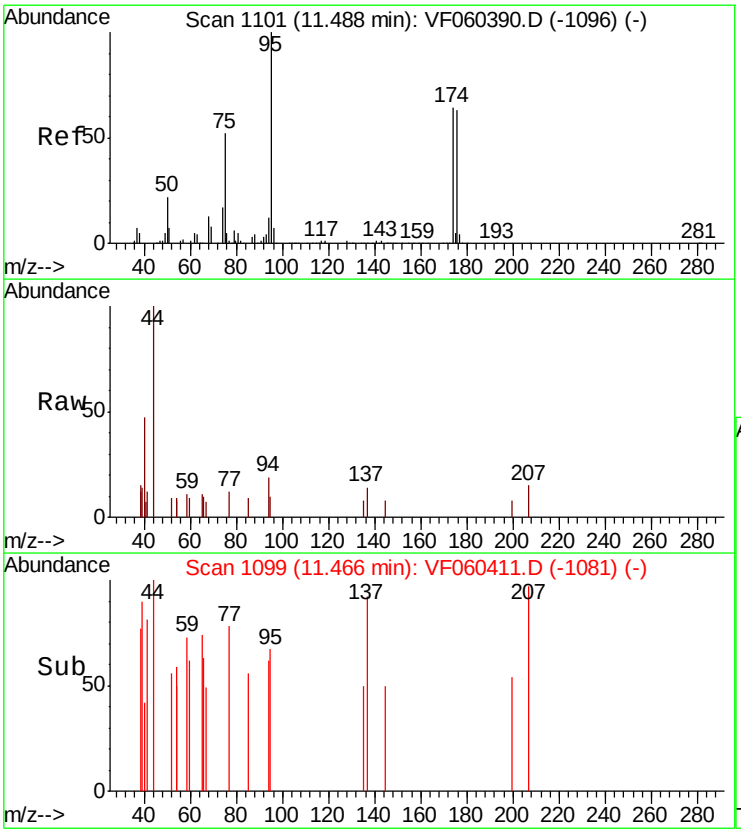
#61
1,2-Dibromoethane
Concen: 133.139 ug/l
RT: 9.00 min Scan# 849
Delta R.T. -0.11 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:107 Resp: 76

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.7	110.5#

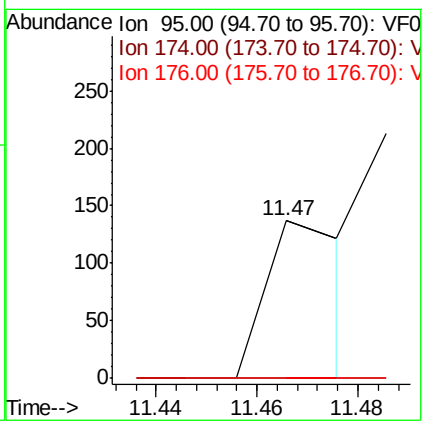


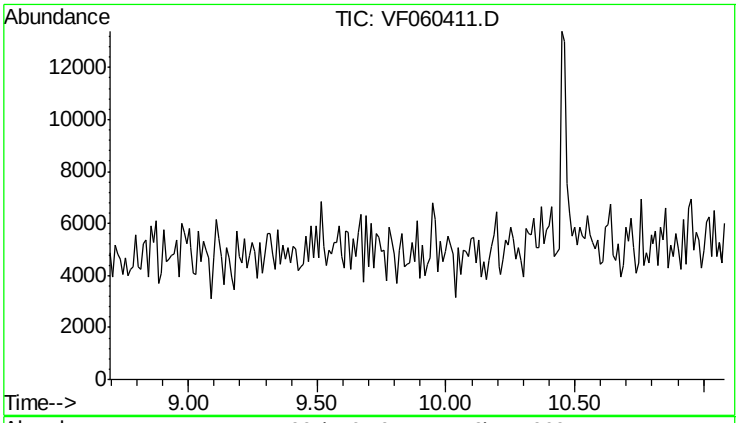


#62
4-Bromofluorobenzene
Concen: 146.294 ug/l
RT: 11.47 min Scan# 1099
Delta R.T. -0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 95 Resp: 153

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





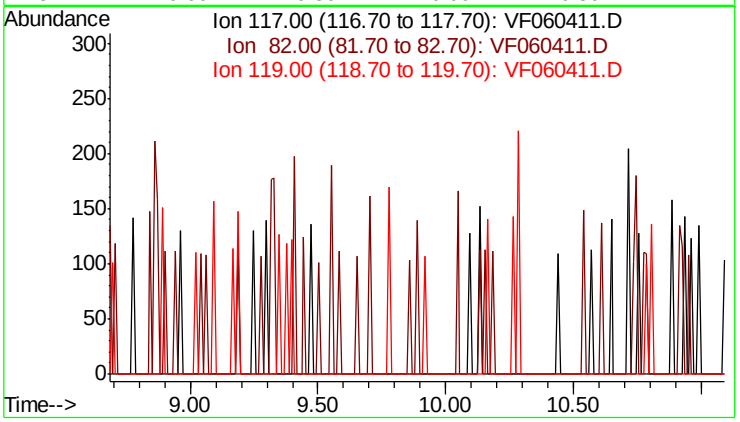
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.89 min

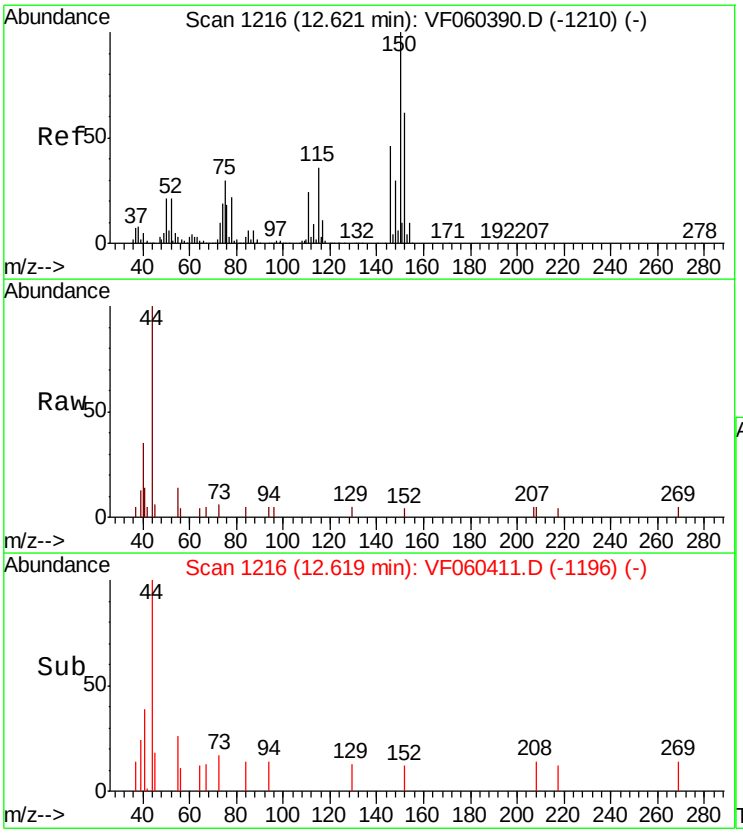
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	61.9
119	33.8

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

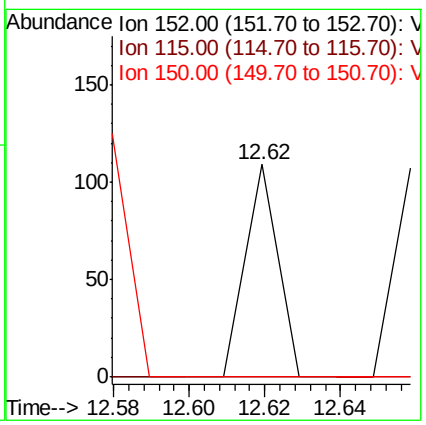


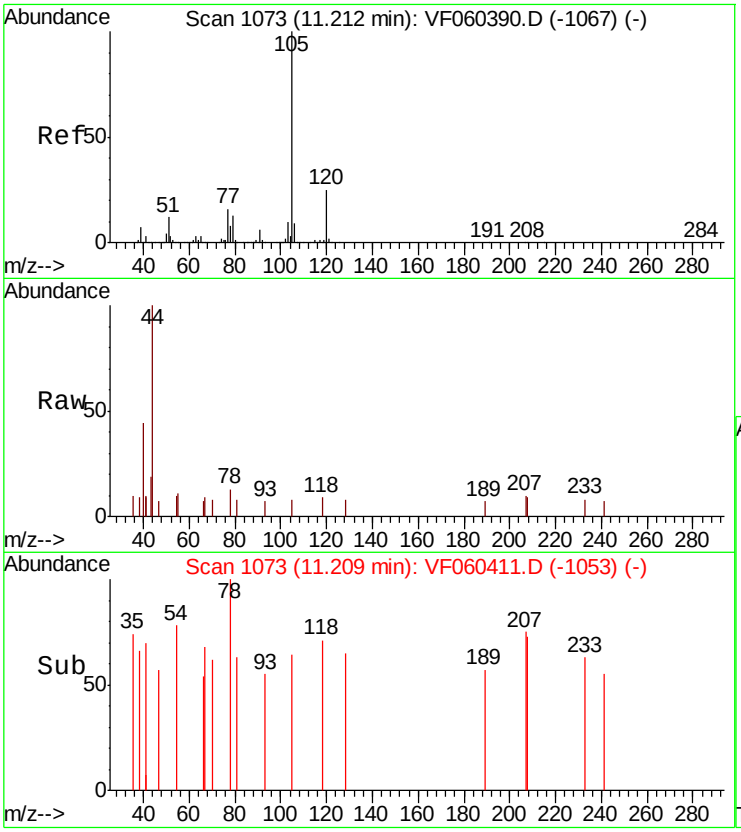


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:152 Resp: 64

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



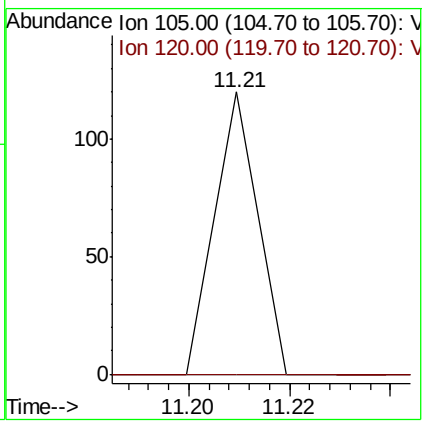


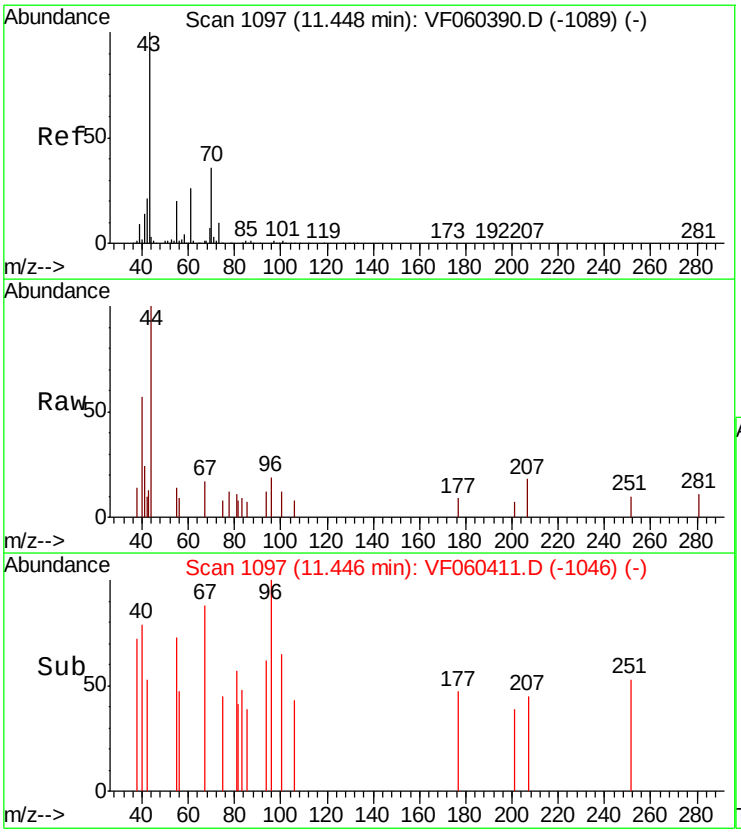
#73
Isopropylbenzene
Concen: 14.090 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:105 Resp: 71

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.3	36.9#

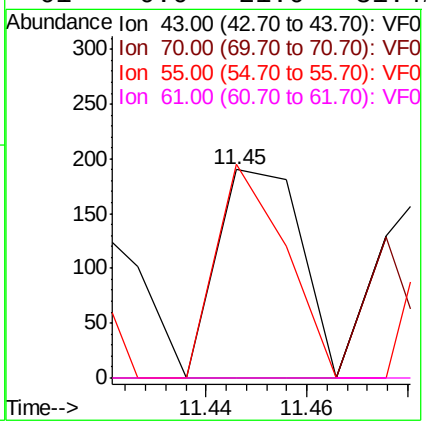


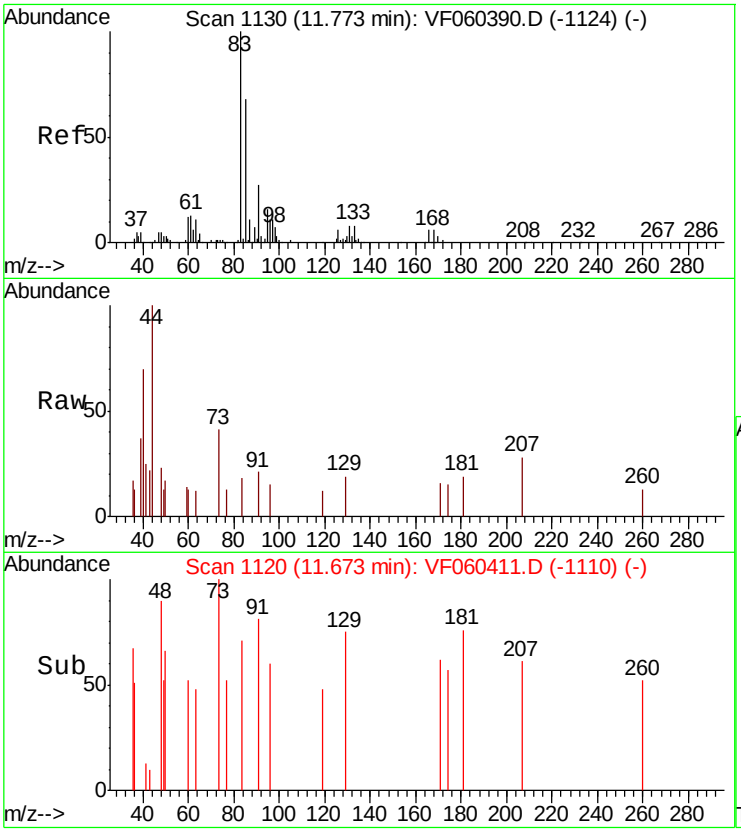


#74
N-amyl acetate
Concen: 190.225 ug/l
RT: 11.45 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 43 Resp: 220

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.1	43.7#
55	102.6	16.3	24.5#
61	0.0	21.0	31.4#



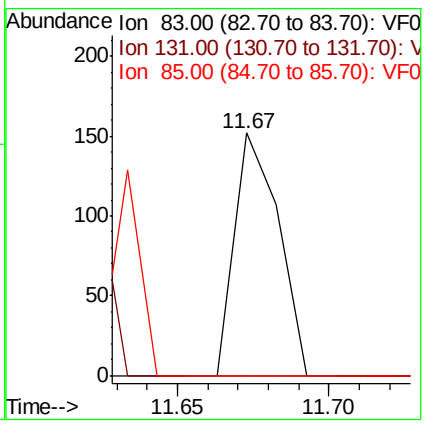


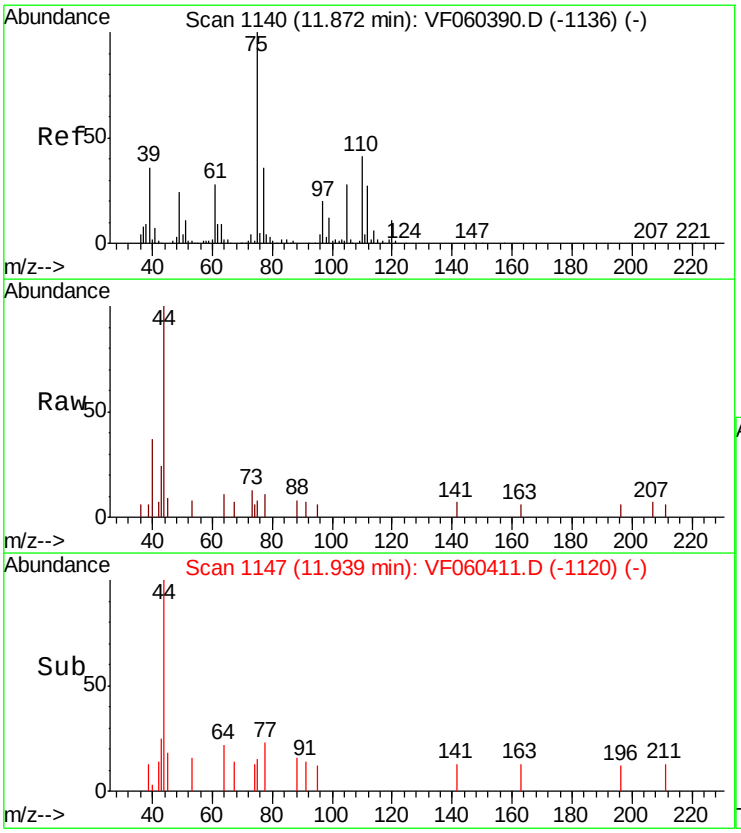
#75
1,1,2,2-Tetrachloroethane
Concen: 166.536 ug/l
RT: 11.67 min Scan# 1120
Delta R.T. -0.10 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 83 Resp: 153

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	0.0	34.0	102.0#

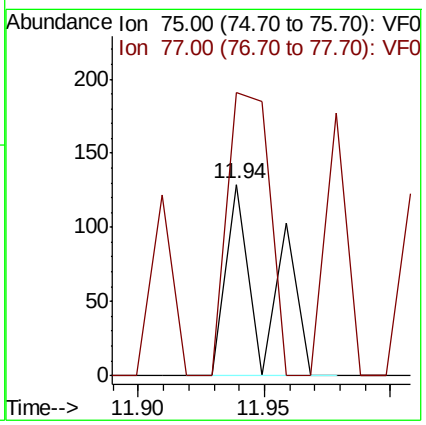


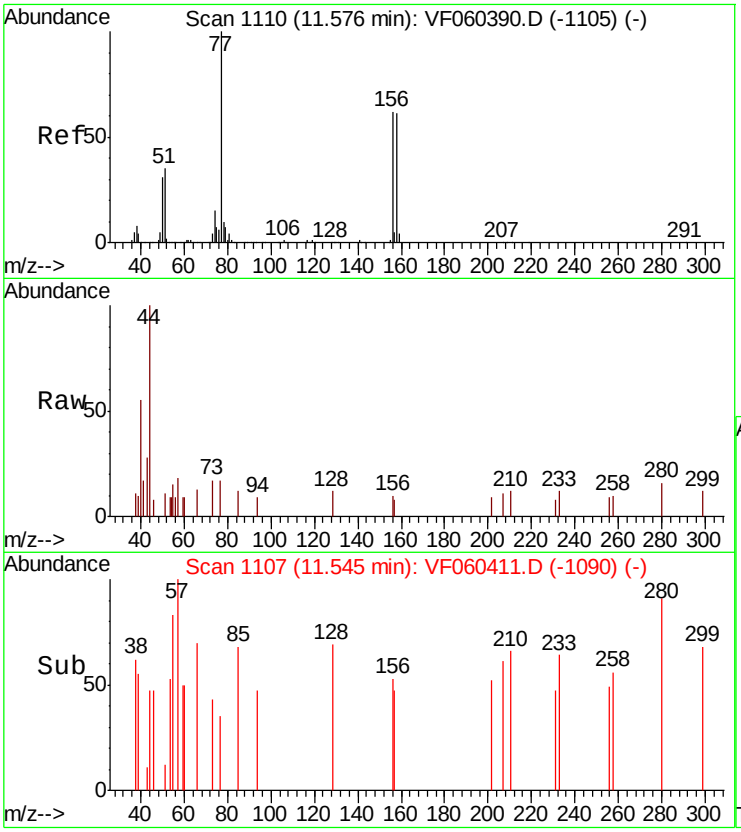


#76
1,2,3-Trichloropropane
Concen: 202.556 ug/l
RT: 11.94 min Scan# 1147
Delta R.T. 0.07 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 75 Resp: 137

Ion	Ratio	Lower	Upper
75	100		
77	148.1	18.1	54.4#



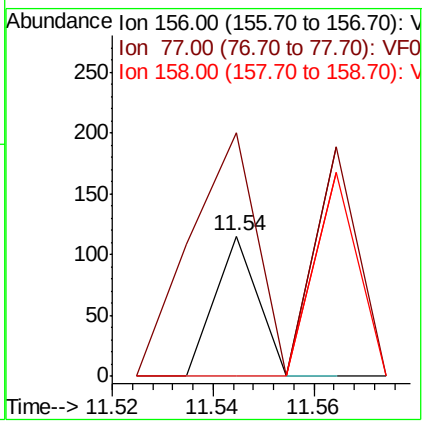


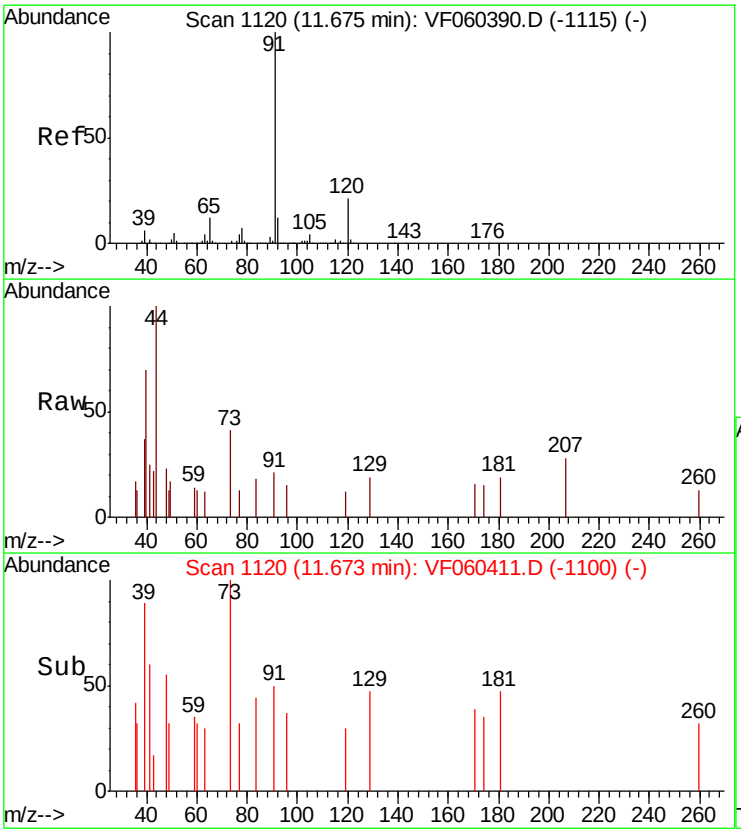
#77
Bromobenzene
Concen: 60.367 ug/l
RT: 11.54 min Scan# 1107
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion:156 Resp: 68

Ion	Ratio	Lower	Upper
156	100		
77	92.2	81.3	243.9
158	0.0	49.6	149.0#

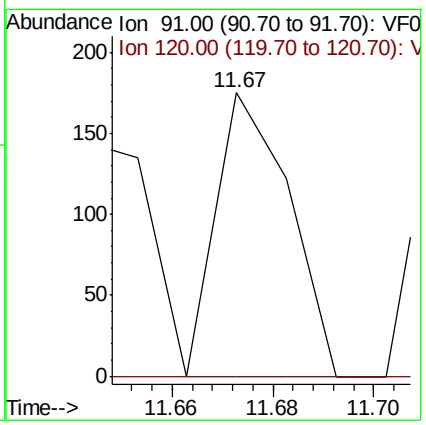


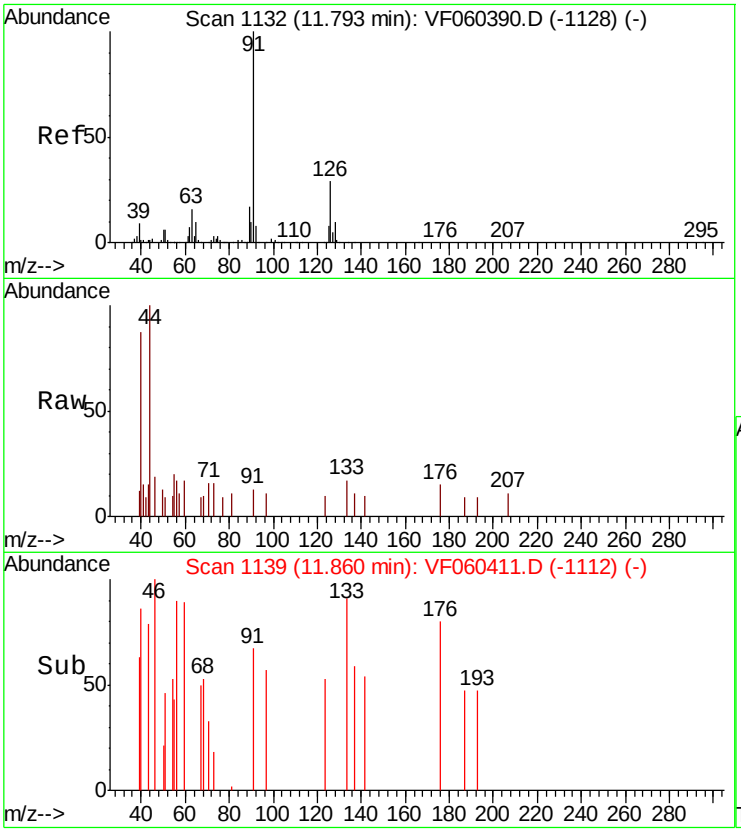


#78
n-propylbenzene
Concen: 28.810 ug/l
RT: 11.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 91 Resp: 176

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.5	31.6#



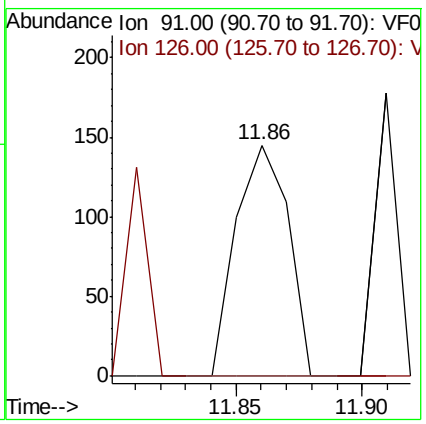


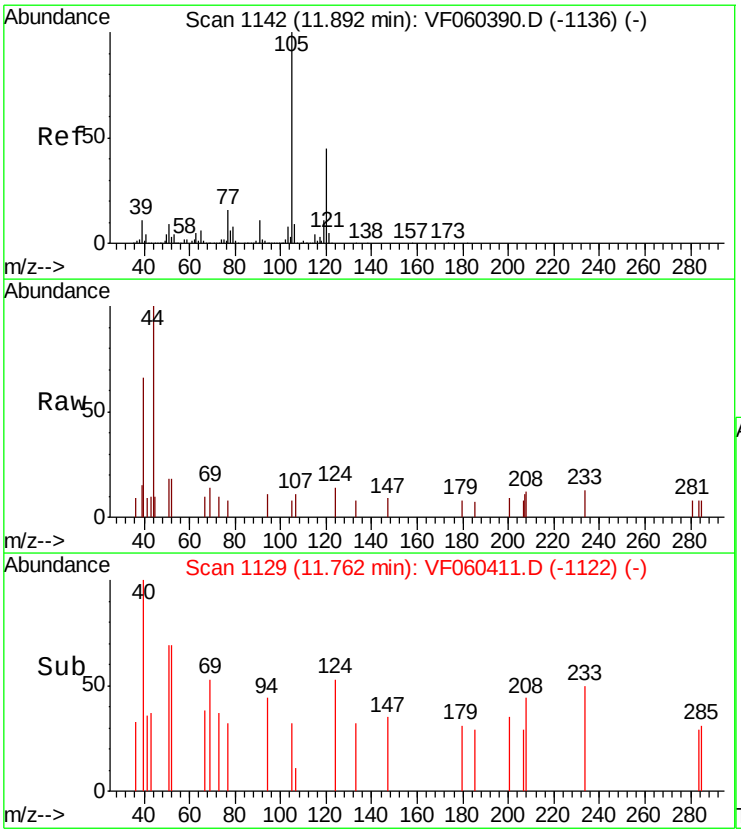
#79
2-Chlorotoluene
Concen: 58.486 ug/l
RT: 11.86 min Scan# 1139
Delta R.T. 0.07 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion: 91 Resp: 209

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.4	43.4#

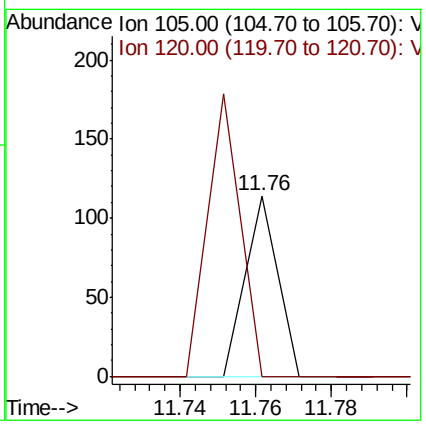


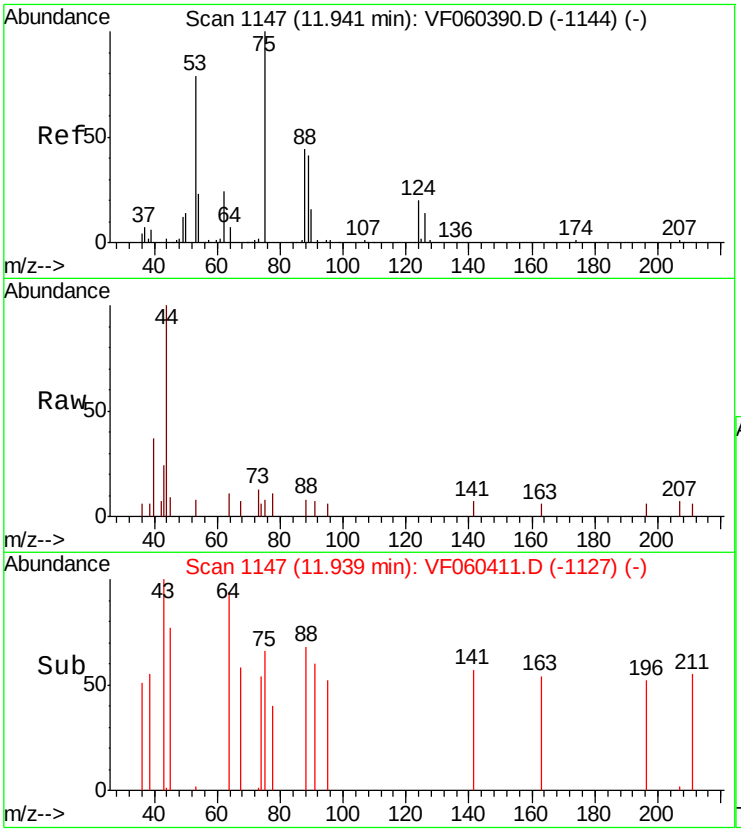


#80
1,3,5-Trimethylbenzene
Concen: 15.649 ug/l
RT: 11.76 min Scan# 1129
Delta R.T. -0.13 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:105 Resp: 67

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.3	66.9#



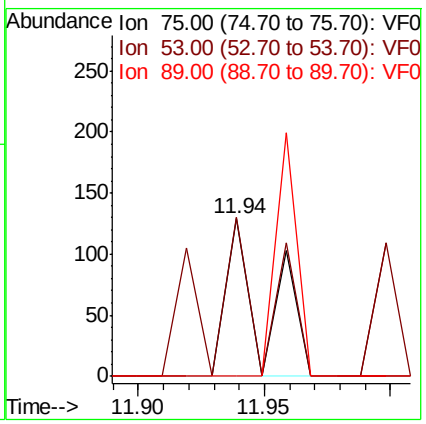


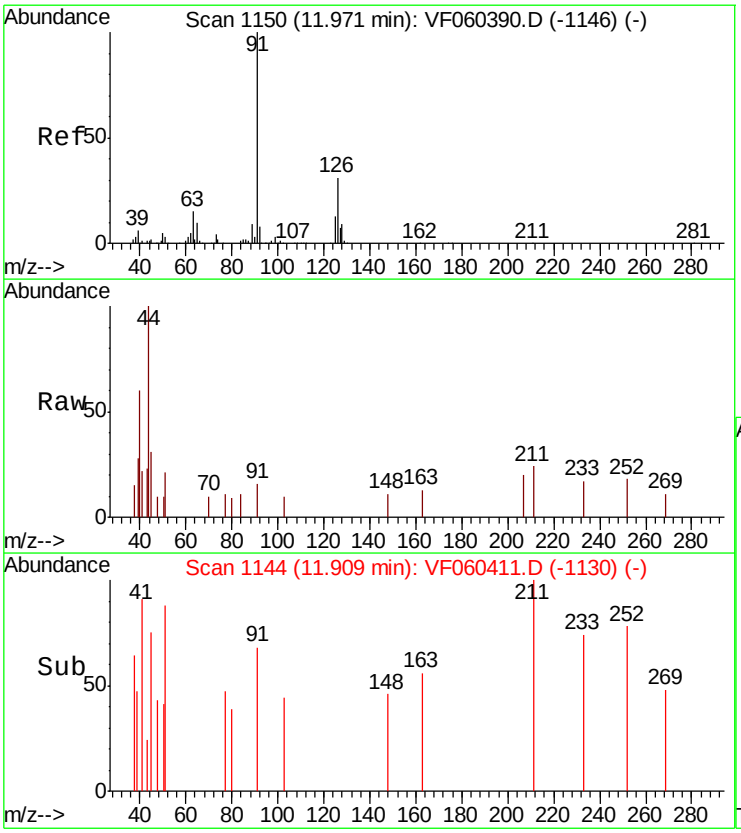
#81
trans-1,4-Dichloro-2-butene
Concen: 456.946 ug/l
RT: 11.94 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 75 Resp: 137

Ion	Ratio	Lower	Upper
75	100		
53	100.8	67.8	101.8
89	0.0	36.7	55.1#

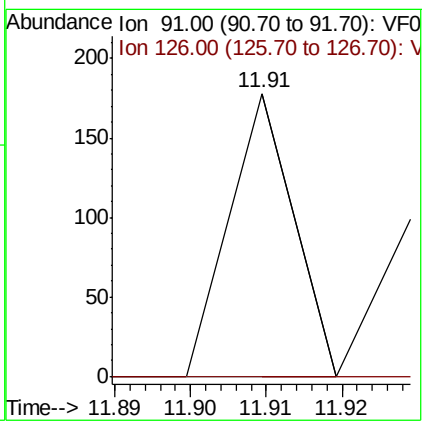


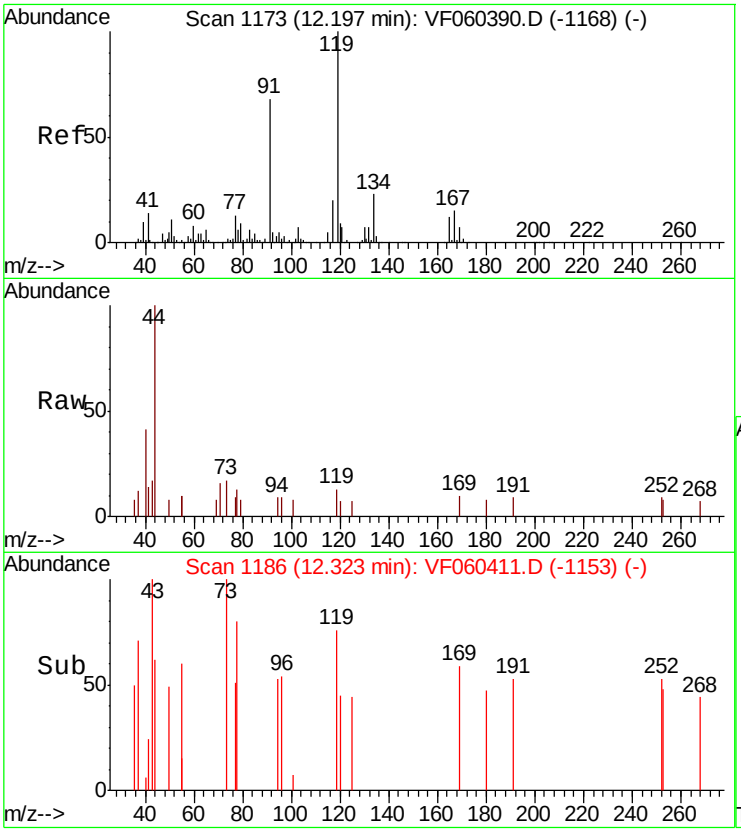


#82
4-Chlorotoluene
Concen: 28.717 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. -0.06 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 91 Resp: 105

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.7	47.0#



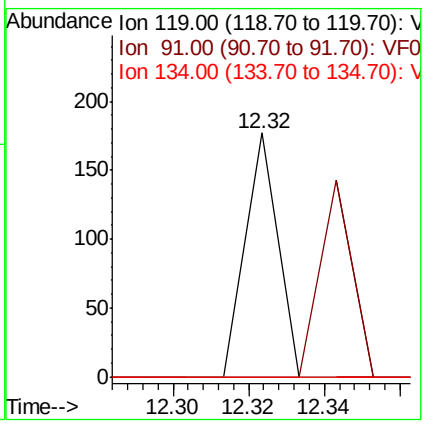


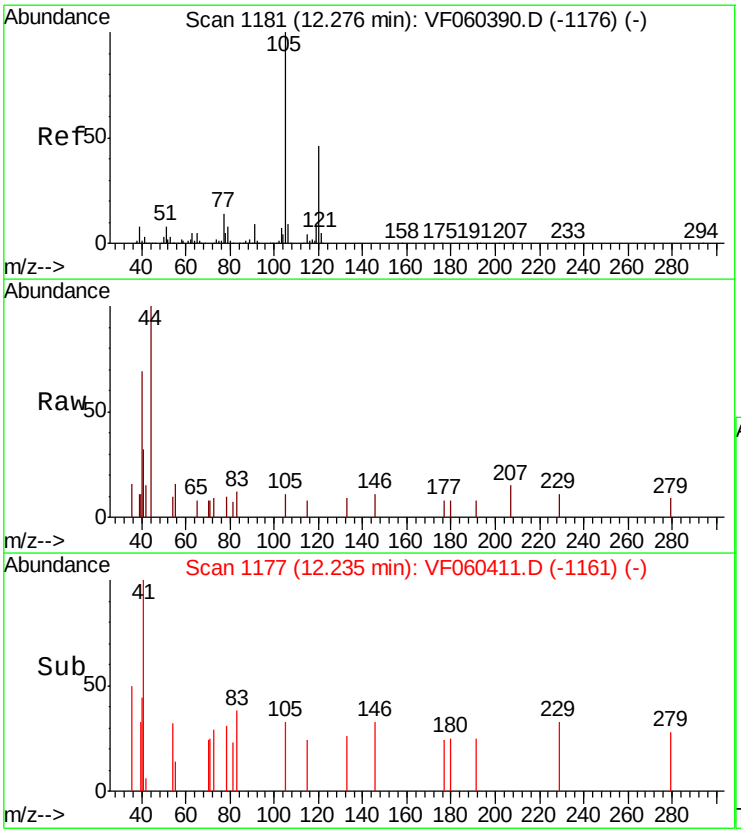
#83
tert-Butylbenzene
Concen: 24.865 ug/l
RT: 12.32 min Scan# 1186
Delta R.T. 0.13 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion:119 Resp: 105

Ion	Ratio	Lower	Upper
119	100		
91	0.0	34.0	102.0#
134	0.0	11.7	35.0#

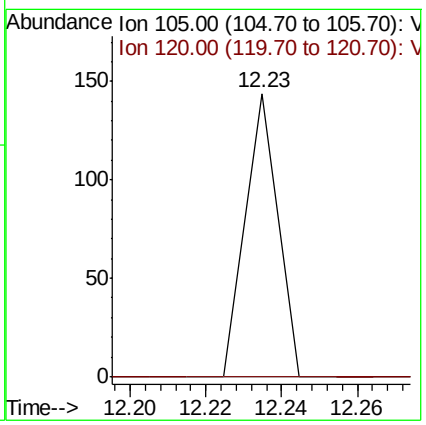


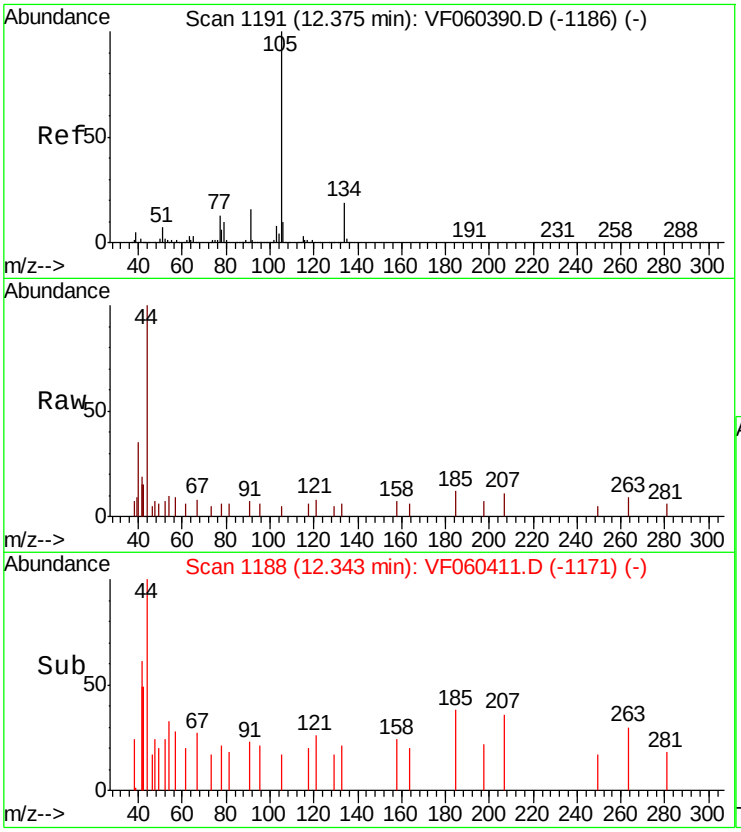


#84
1,2,4-Trimethylbenzene
Concen: 20.019 ug/l
RT: 12.23 min Scan# 1177
Delta R.T. -0.04 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:105 Resp: 85

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.1	69.2#



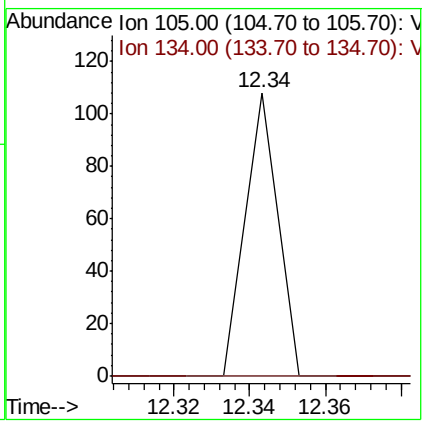


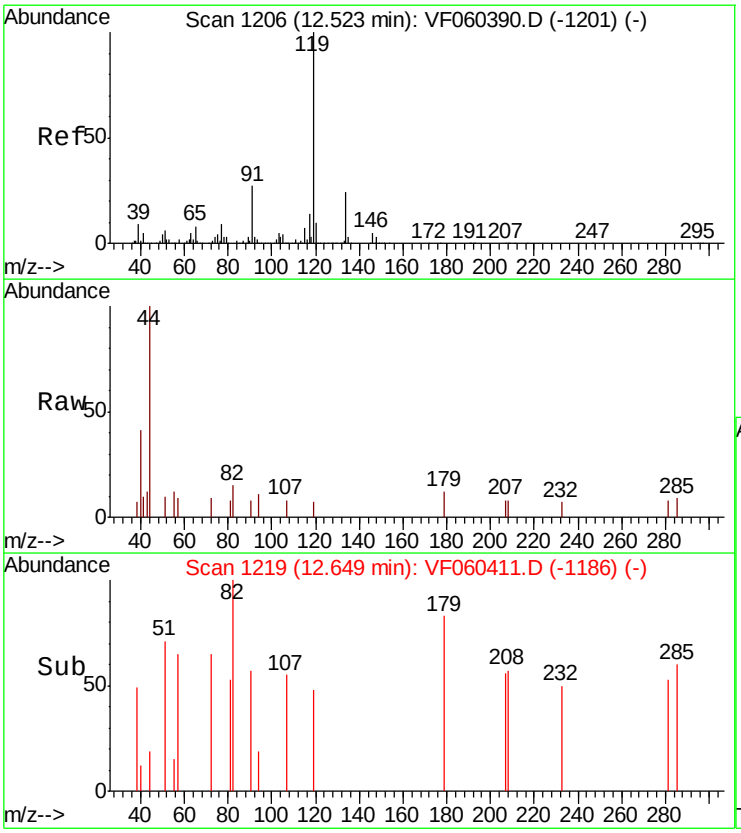
#85
sec-Butylbenzene
Concen: 10.980 ug/l
RT: 12.34 min Scan# 1188
Delta R.T. -0.03 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument : MSVOA_F
ClientSampleId : TR-04-092818

Tgt Ion:105 Resp: 64

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.4	28.3#

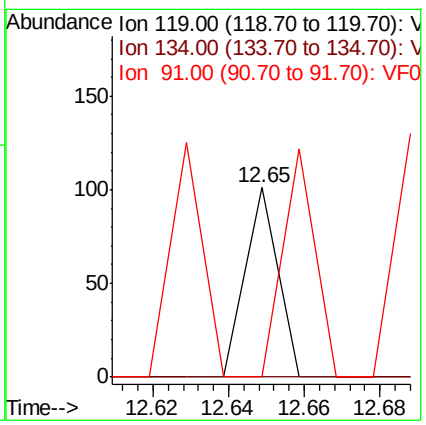


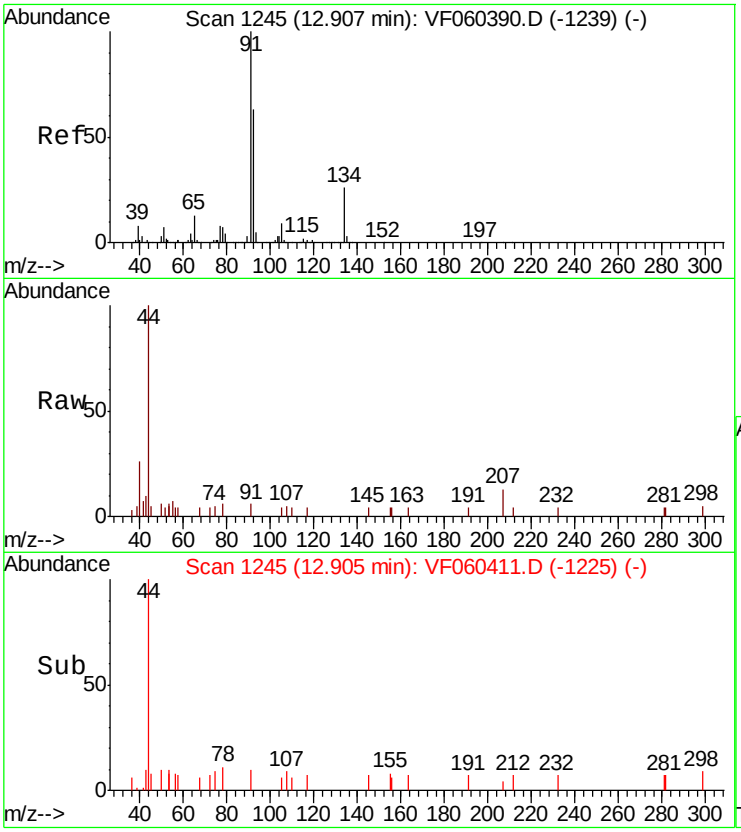


#86
p-Isopropyltoluene
Concen: 12.600 ug/l
RT: 12.65 min Scan# 1219
Delta R.T. 0.13 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:119 Resp: 60

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.3	36.8#
91	0.0	13.5	40.4#



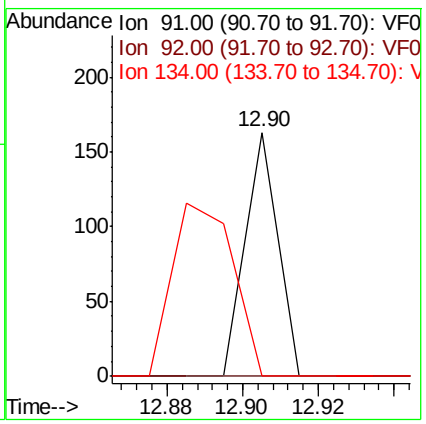


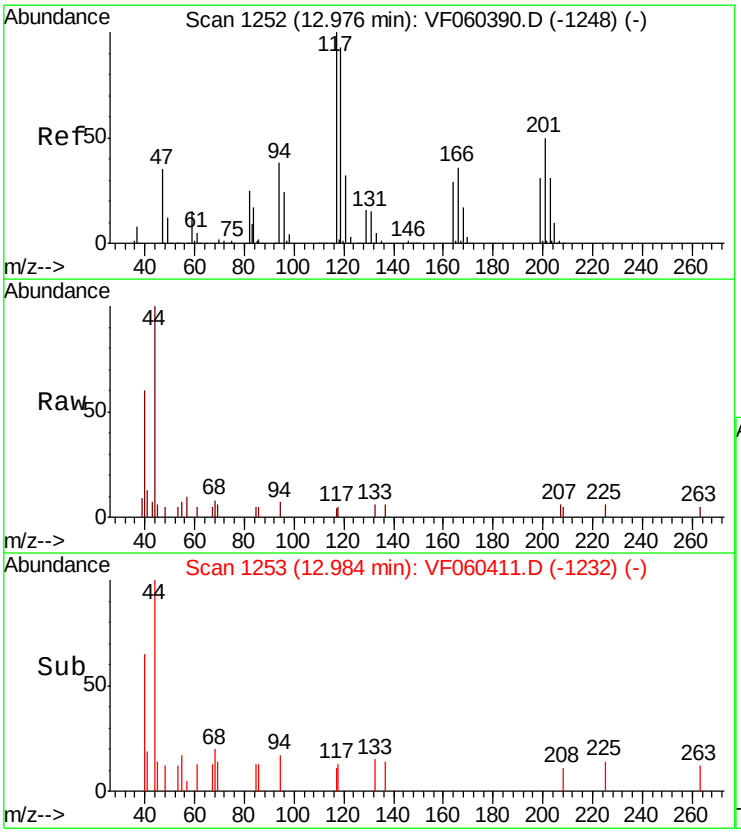
#89
n-Butylbenzene
Concen: 19.051 ug/l
RT: 12.90 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion: 91 Resp: 96

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.3	93.9#
134	0.0	13.0	38.9#

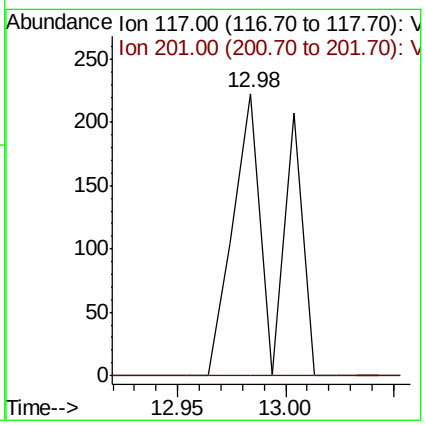


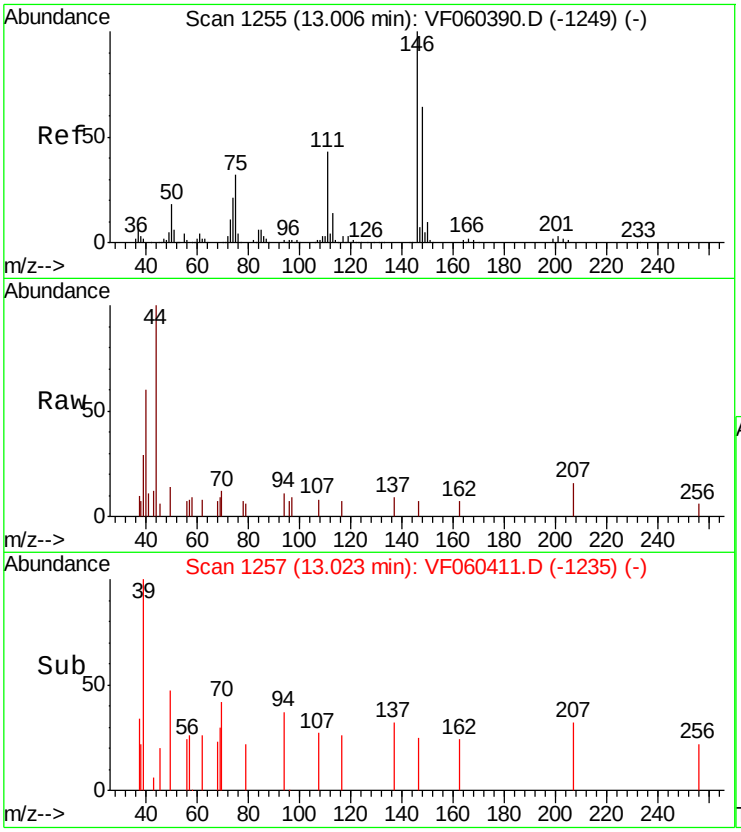


#90
Hexachloroethane
Concen: 256.750 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:117 Resp: 316

Ion	Ratio	Lower	Upper
117	100		
201	0.0	25.5	76.5#



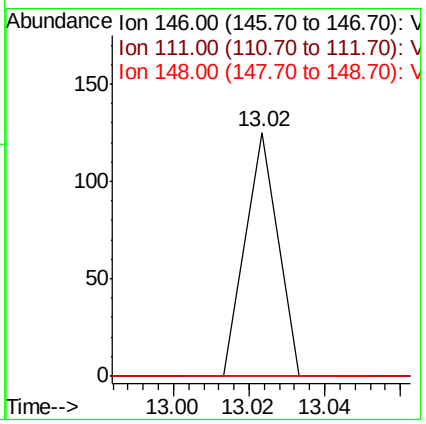


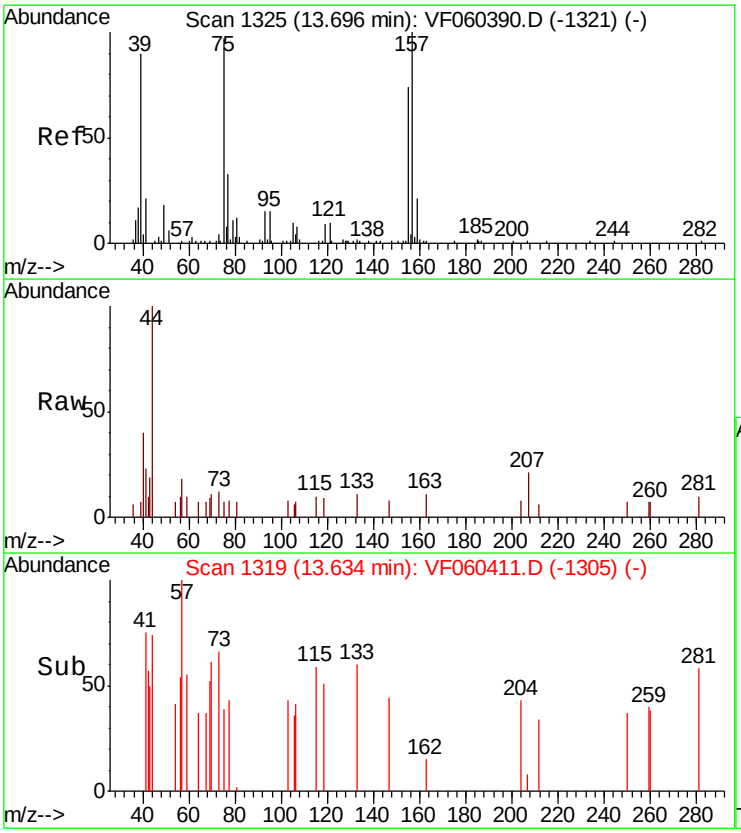
#91
1,2-Dichlorobenzene
Concen: 36.436 ug/l
RT: 13.02 min Scan# 1257
Delta R.T. 0.02 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:146 Resp: 74

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	64.0#
148	0.0	32.2	96.6#

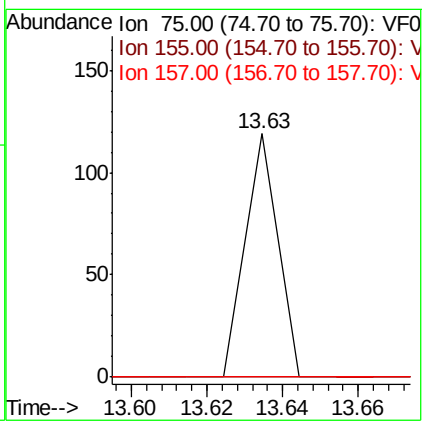


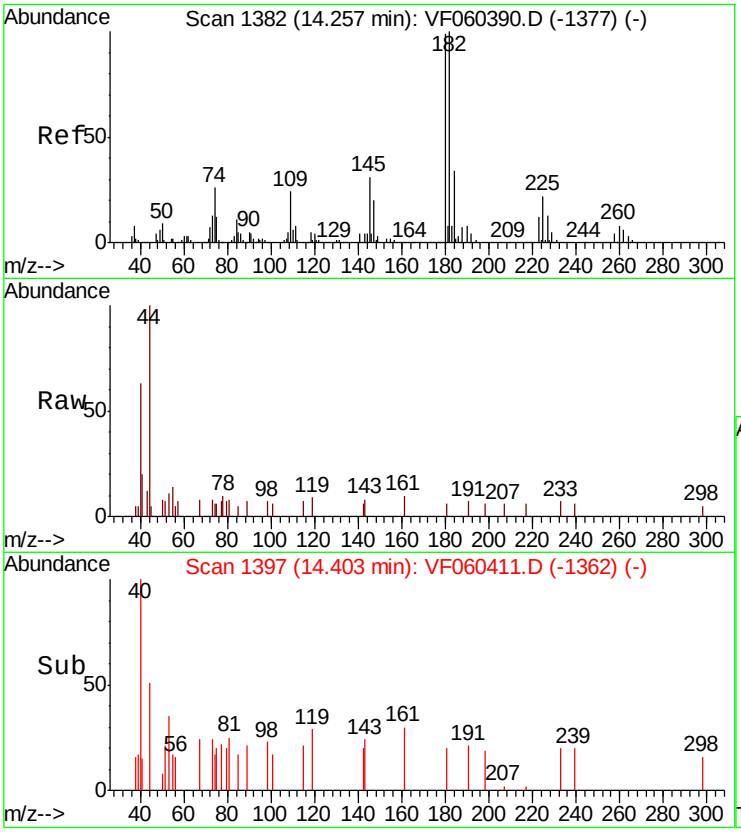


#92
1,2-Dibromo-3-Chloropropane
Concen: 393.027 ug/l
RT: 13.63 min Scan# 1319
Delta R.T. -0.06 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.9	113.6#
157	0.0	51.3	154.0#



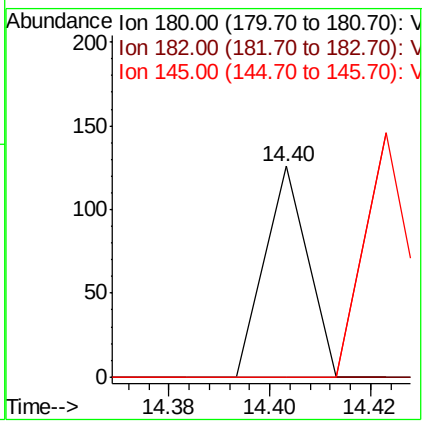


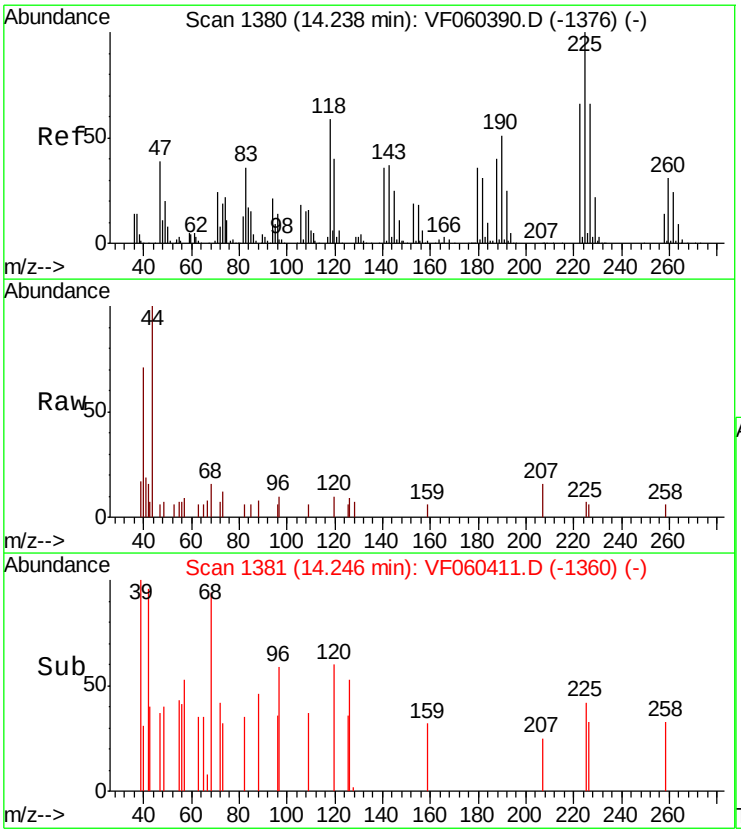
#93
1,2,4-Trichlorobenzene
Concen: 49.407 ug/l
RT: 14.40 min Scan# 1397
Delta R.T. 0.15 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:180 Resp: 75

Ion	Ratio	Lower	Upper
180	100		
182	0.0	50.3	150.9#
145	0.0	15.5	46.5#

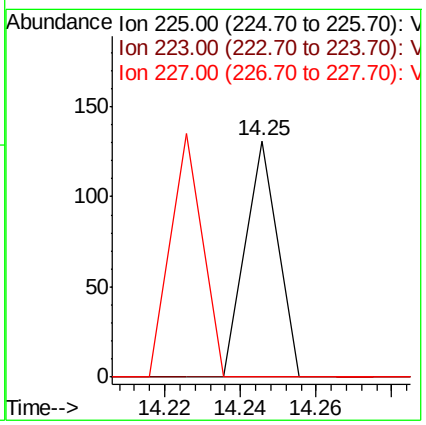


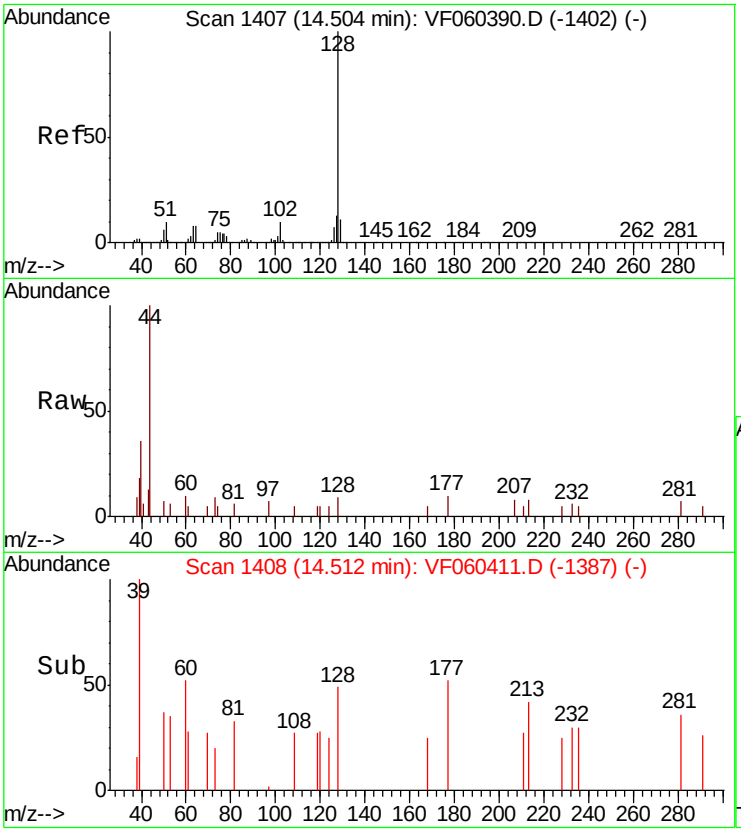


#94
Hexachlorobutadiene
Concen: 72.677 ug/l
RT: 14.25 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Tgt Ion:225 Resp: 77

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.8	98.4#
227	0.0	33.0	99.0#





#95
Naphthalene
Concen: 43.108 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060411.D
Acq: 2 Oct 2018 19:23

Instrument :
MSVOA_F
ClientSampleId :
TR-04-092818

Tgt Ion:128 Resp: 117

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#