Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061109.D
Acq On : 20 Dec 2018 15:45
Operator : VA/AP
Sample : J6377-10
Misc : 5.33g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 21 06:42:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.87	168	7140	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	8501	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.78	117	5011	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	1093	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.84	65	1814	19.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 39.50%				
35) Dibromofluoromethane	4.13	113	2466	36.21	ug/l		0.02
Spiked Amount 50.000			Recovery = 72.42%				
50) Toluene-d8	7.56	98	6349	32.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.80%				
62) 4-Bromofluorobenzene	11.42	95	1446	16.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 32.50%				
Target Compounds							Qvalue
3) Chloromethane	1.11	50	769	8.458	ug/l	#	42
4) Vinyl Chloride	1.11	62	107	1.269	ug/l	#	37
5) Bromomethane	1.34	94	914	15.625	ug/l	#	3
6) Chloroethane	1.39	64	135	3.474	ug/l	#	36
8) Diethyl Ether	1.63	74	63	2.857	ug/l		71
11) Tert butyl alcohol	2.51	59	60	16.191	ug/l	#	1
12) 1,1-Dichloroethene	1.77	96	152	2.415	ug/l	#	1
13) Acrolein	2.00	56	5968	2228.689	ug/l		95
14) Allyl chloride	2.18	41	59688	911.292	ug/l	#	24
15) Acrylonitrile	2.93	53	5284	616.619	ug/l	#	46
16) Acetone	2.19	43	18560	1010.983	ug/l		98
18) Methyl Acetate	2.38	43	83875	2208.291	ug/l	#	67
20) Methylene Chloride	2.22	84	215	Below Cal		#	26
22) Diisopropyl ether	2.81	45	688	3.153	ug/l	#	1
23) Vinyl Acetate	3.17	43	373	3.706	ug/l	#	78
25) 2-Butanone	4.34	43	708	23.779	ug/l	#	57
26) 2,2-Dichloropropane	3.69	77	150	2.022	ug/l	#	62
29) Tetrahydrofuran	4.07	42	504	41.590	ug/l	#	37
31) Cyclohexane	3.68	56	4392	32.743	ug/l	#	69
37) Ethyl Acetate	4.13	43	591	13.015	ug/l	#	21
39) Methylcyclohexane	5.46	83	34598	375.831	ug/l		90
40) Benzene	4.62	78	584	2.646	ug/l	#	49
41) Methacrylonitrile	4.78	41	646	29.810	ug/l	#	27
43) Isopropyl Acetate	6.97	43	191	3.855	ug/l	#	45
45) 1,2-Dichloropropane	6.15	63	70	1.166	ug/l	#	44
46) Dibromomethane	6.16	93	69	1.772	ug/l	#	5
48) Methyl methacrylate	6.70	41	210	6.071	ug/l	#	19
51) 4-Methyl-2-Pentanone	8.29	43	989	29.105	ug/l	#	38
52) Toluene	7.63	92	849	5.812	ug/l	#	56
55) 1,1,2-Trichloroethane	8.38	97	222	5.070	ug/l	#	46
56) Ethyl methacrylate	8.64	69	1124	23.721	ug/l	#	68
59) 2-Hexanone	9.48	43	184	7.488	ug/l	#	27
61) 1,2-Dibromoethane	8.96	107	63	1.347	ug/l	#	4
65) Chlorobenzene	9.80	112	1609	15.543	ug/l	#	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061109.D
Acq On : 20 Dec 2018 15:45
Operator : VA/AP
Sample : J6377-10
Misc : 5.33g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 21 06:42:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) Ethyl Benzene	9.91	91	2452	13.001	ug/l	#	83
68) m/p-Xylenes	10.14	106	16443	247.744	ug/l		98
69) o-Xylene	10.72	106	1253	17.022	ug/l		93
73) Isopropylbenzene	11.13	105	1965	20.862	ug/l	#	60
74) N-amyl acetate	11.40	43	661	31.609	ug/l	#	46
75) 1,1,2,2-Tetrachloroethane	11.67	83	63	4.030	ug/l	#	23
76) 1,2,3-Trichloropropane	11.70	75	72	6.189	ug/l	#	1
78) n-propylbenzene	11.60	91	4881	43.892	ug/l		100
79) 2-Chlorotoluene	11.71	91	1467	22.704	ug/l	#	42
80) 1,3,5-Trimethylbenzene	11.83	105	5373	69.277	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.70	75	72	14.403	ug/l	#	11
82) 4-Chlorotoluene	11.90	91	185	2.768	ug/l	#	43
83) tert-Butylbenzene	12.14	119	220	2.757	ug/l	#	65
84) 1,2,4-Trimethylbenzene	12.21	105	13077	169.080	ug/l		89
85) sec-Butylbenzene	12.31	105	1016	9.755	ug/l	#	34
86) p-Isopropyltoluene	12.43	119	1628	18.832	ug/l	#	73
87) 1,3-Dichlorobenzene	12.48	146	2368	74.163	ug/l		81
88) 1,4-Dichlorobenzene	12.57	146	10969	294.617	ug/l		99
89) n-Butylbenzene	12.84	91	1898	19.098	ug/l	#	30
90) Hexachloroethane	12.87	117	63	2.950	ug/l	#	27
92) 1,2-Dibromo-3-Chloropropan	13.61	75	86	29.980	ug/l	#	2
93) 1,2,4-Trichlorobenzene	14.10	180	89	3.462	ug/l	#	12
95) Naphthalene	14.46	128	215	4.580	ug/l	#	70

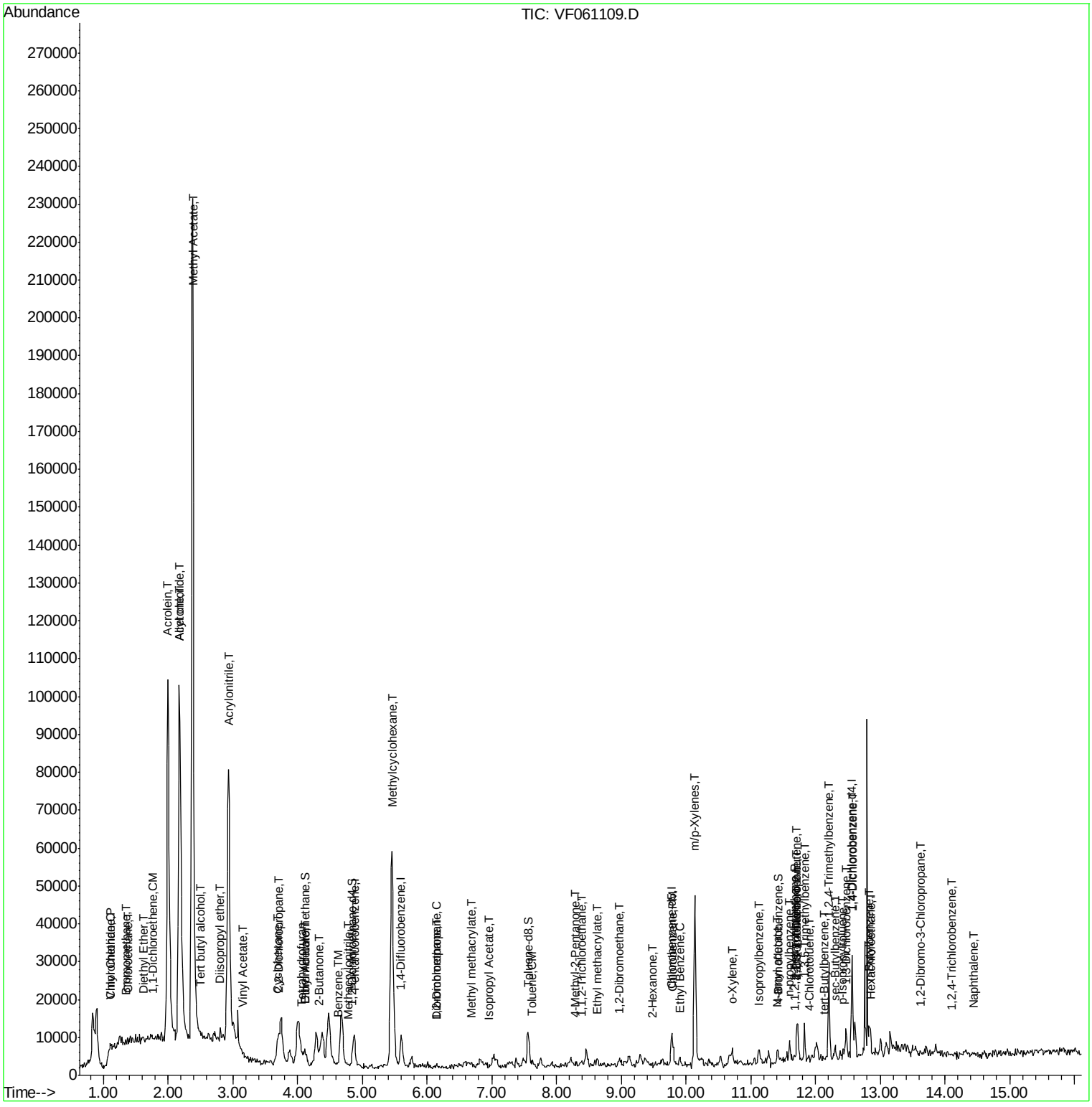
(#) = qualifier out of range (m) = manual integration (+) = signals summed

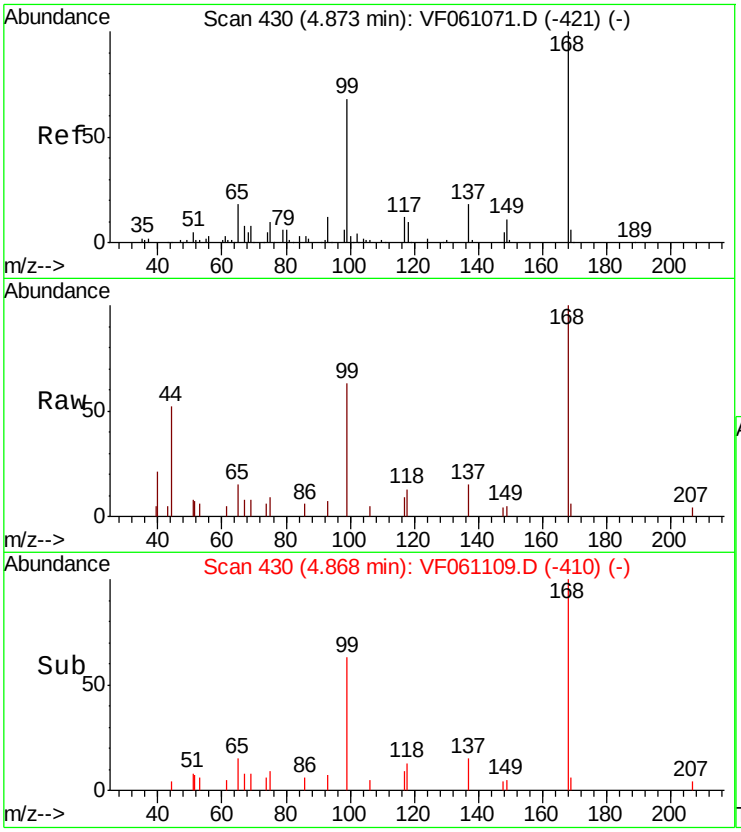
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122018\
Data File : VF061109.D
Acq On : 20 Dec 2018 15:45
Operator : VA/AP
Sample : J6377-10
Misc : 5.33g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 21 06:42:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



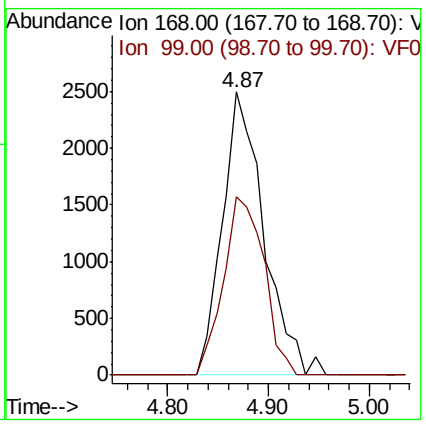


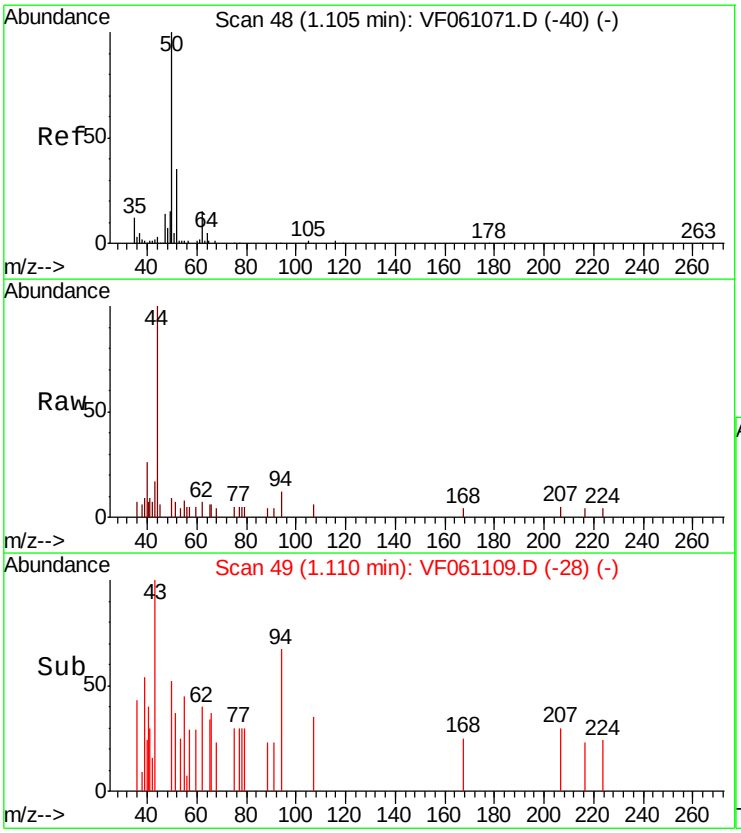
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 7140

Ion	Ratio	Lower	Upper
168	100		
99	62.9	54.4	81.6

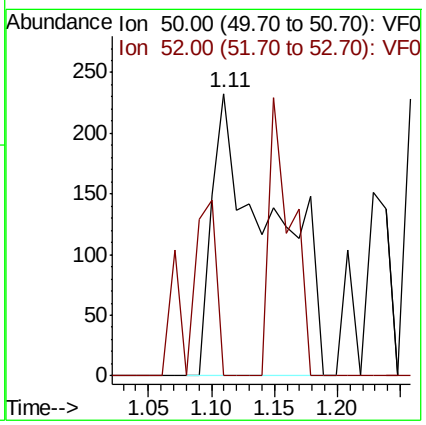


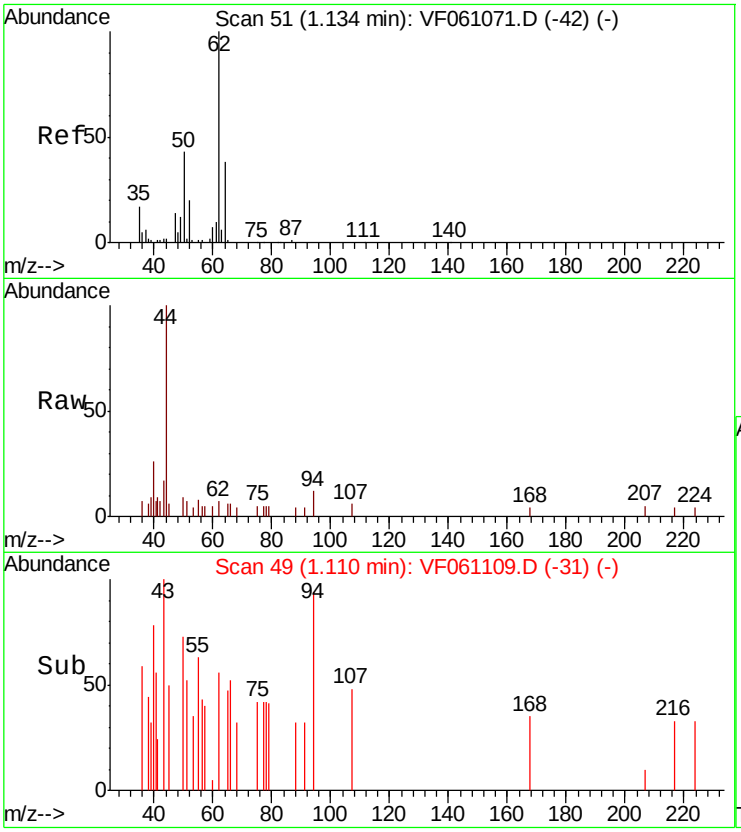


#3
Chloromethane
Concen: 8.458 ug/l
RT: 1.11 min Scan# 49
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 50 Resp: 769

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



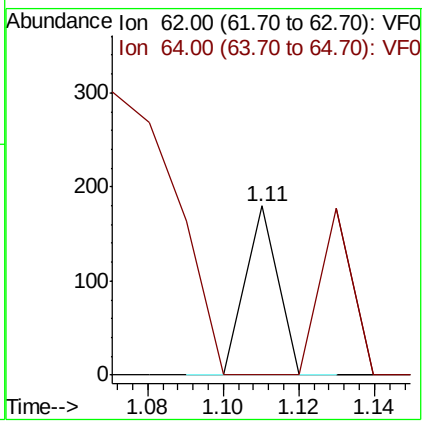


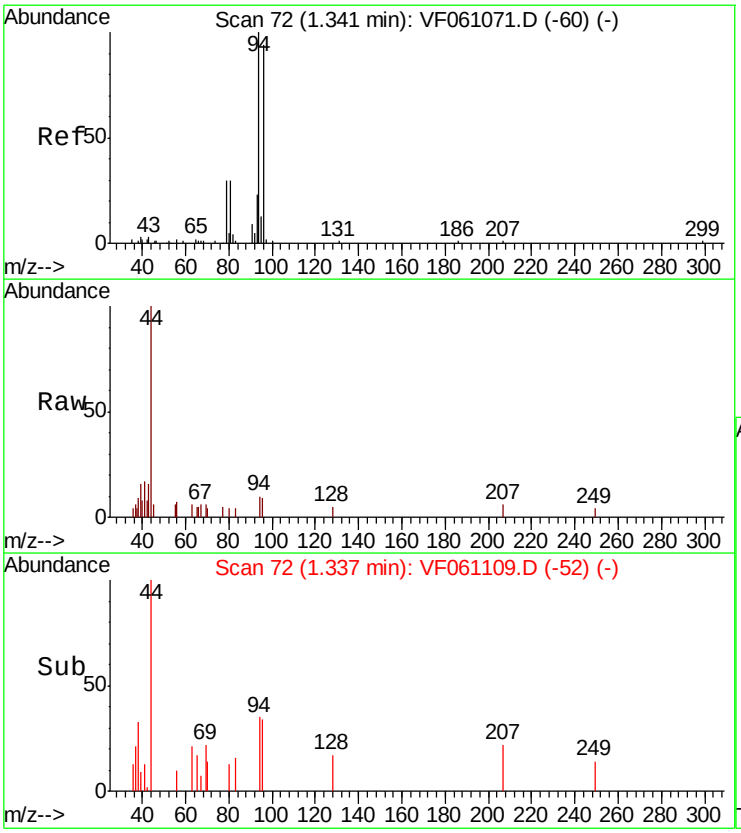
#4
Vinyl Chloride
Concen: 1.269 ug/l
RT: 1.11 min Scan# 49
Delta R.T. -0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 62 Resp: 107

Ion	Ratio	Lower	Upper
62	100		
64	0.0	30.4	45.6#

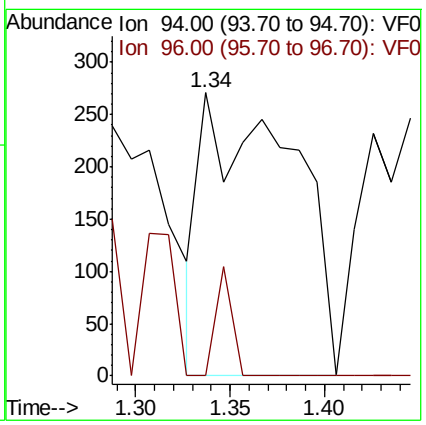


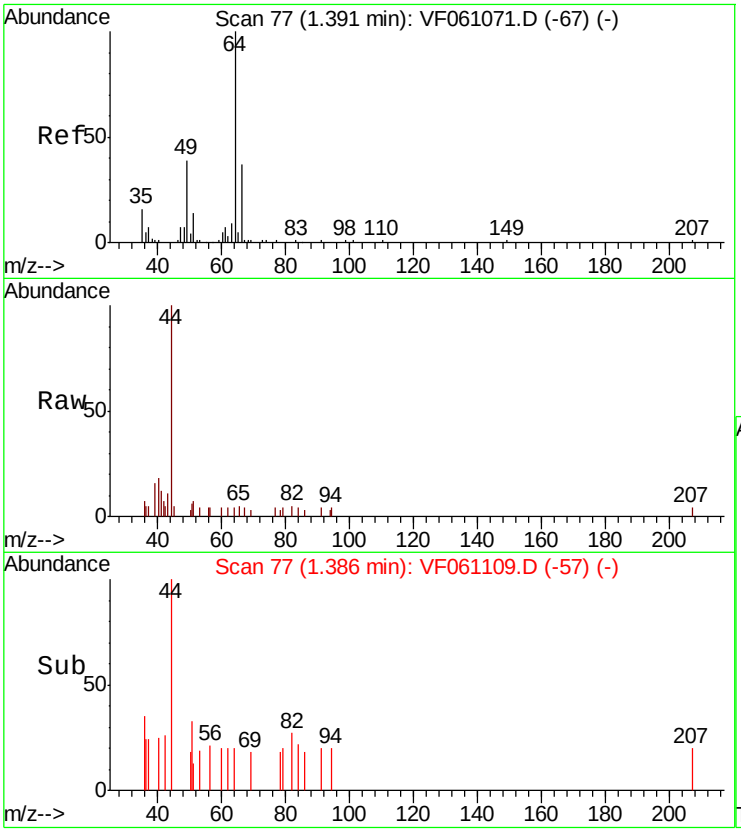


#5
Bromomethane
Concen: 15.625 ug/l
RT: 1.34 min Scan# 72
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 94 Resp: 914

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.4	111.6#



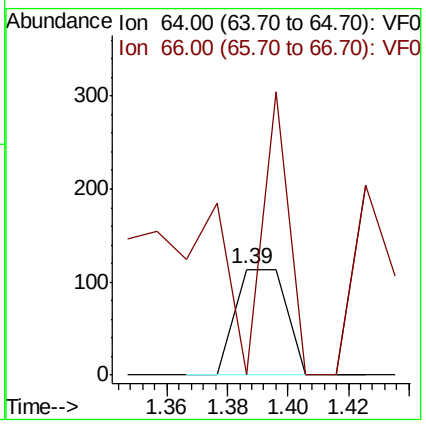


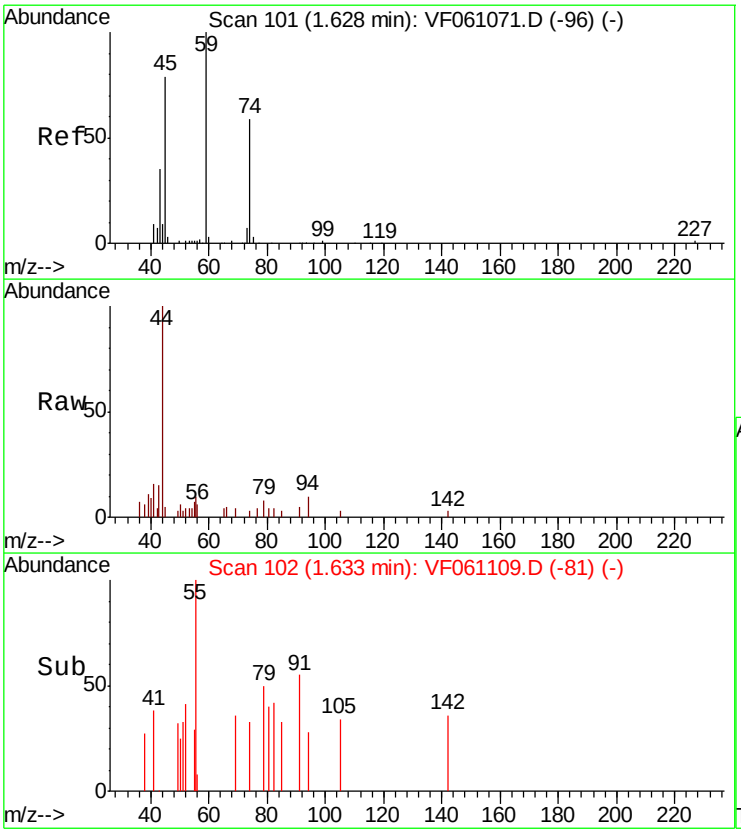
#6
Chloroethane
Concen: 3.474 ug/l
RT: 1.39 min Scan# 77
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 135

Ion	Ratio	Lower	Upper
64	100		
66	0.0	30.9	46.3#

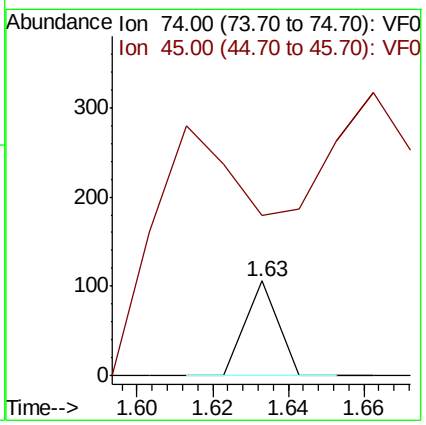


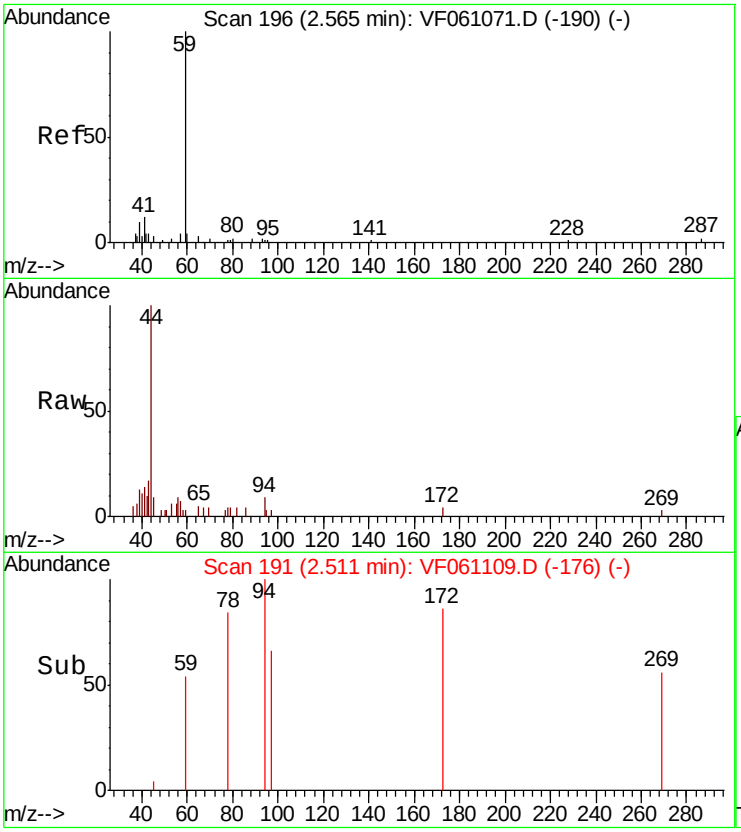


#8
Diethyl Ether
Concen: 2.857 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 74 Resp: 63

Ion	Ratio	Lower	Upper
74	100		
45	169.8	67.8	203.4



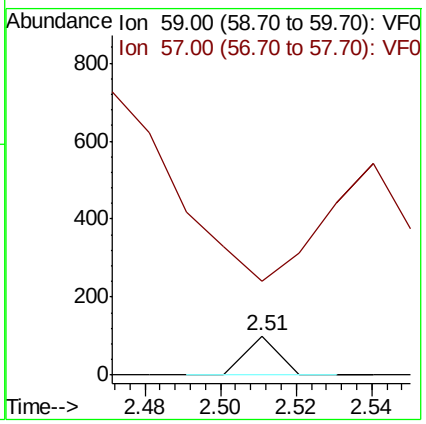


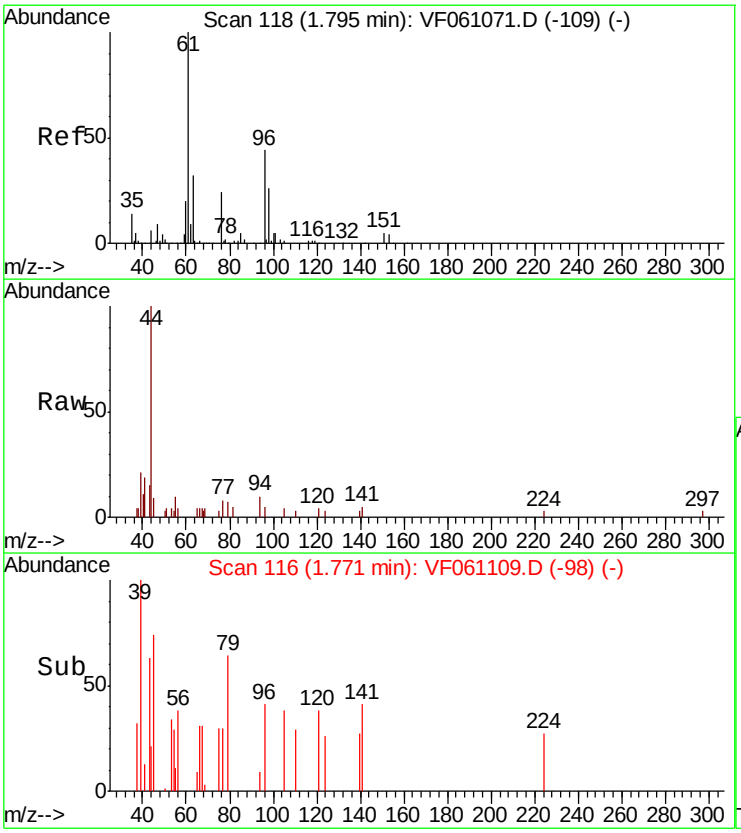
#11
Tert butyl alcohol
Concen: 16.191 ug/l
RT: 2.51 min Scan# 191
Delta R.T. -0.05 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 60

Ion	Ratio	Lower	Upper
59	100		
57	239.6	11.5	17.3#

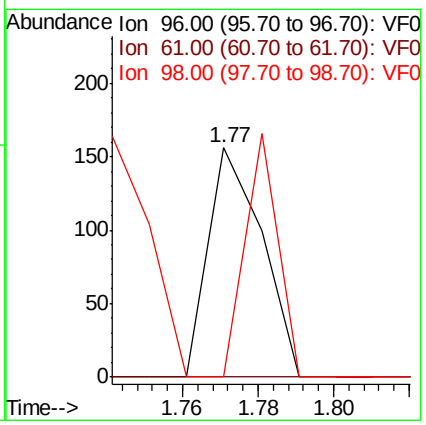


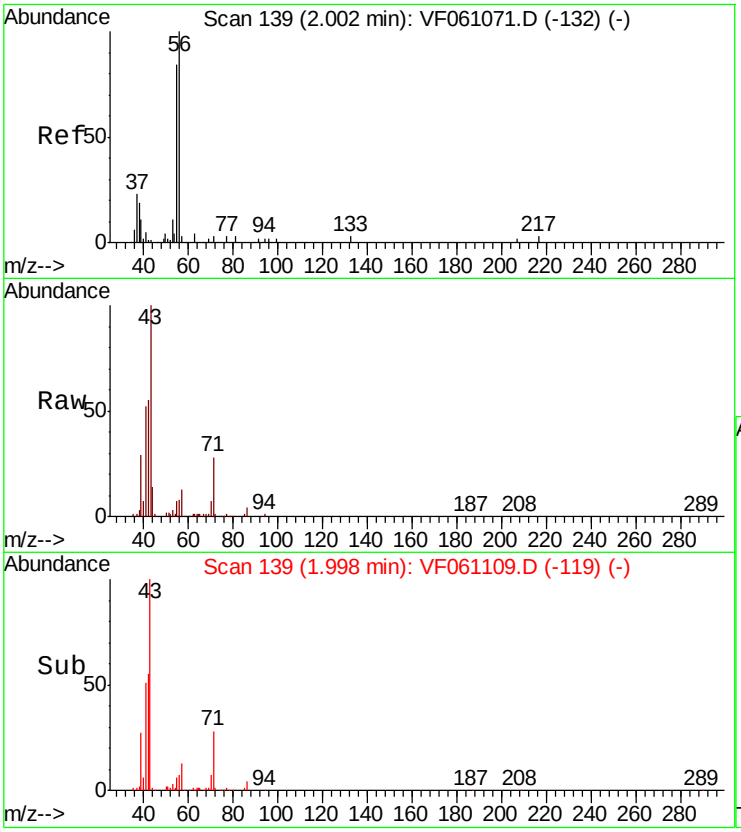


#12
1,1-Dichloroethene
Concen: 2.415 ug/l
RT: 1.77 min Scan# 116
Delta R.T. -0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 96 Resp: 152

Ion	Ratio	Lower	Upper
96	100		
61	0.0	182.0	273.0#
98	0.0	46.5	69.7#



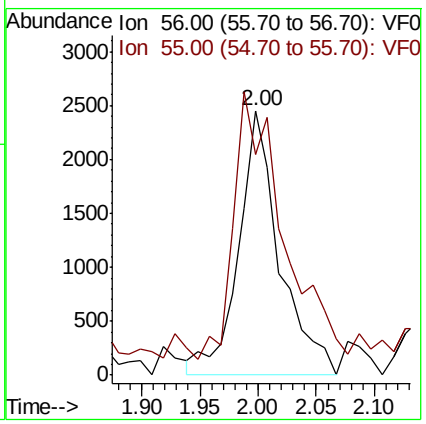


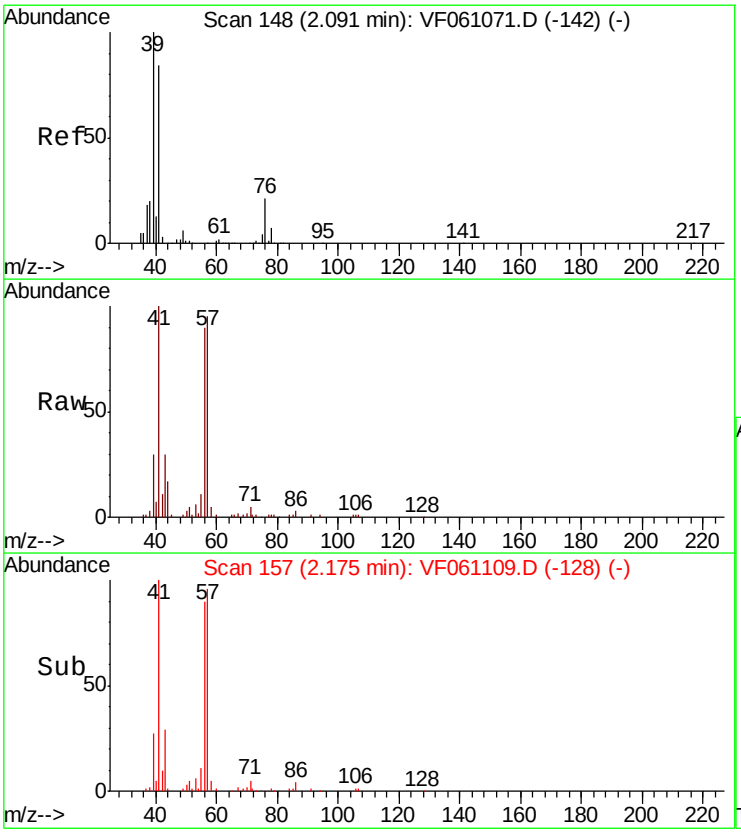
#13
Acrolein
Concen: 2228.689 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 5968

Ion	Ratio	Lower	Upper
56	100		
55	83.4	70.2	105.2

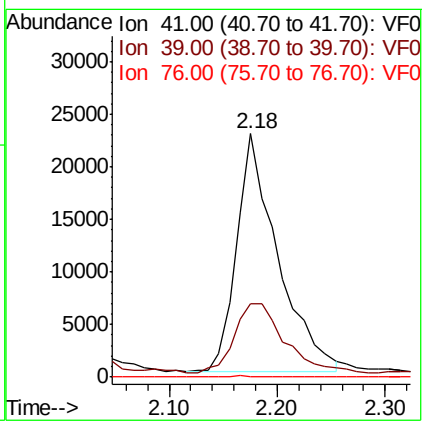


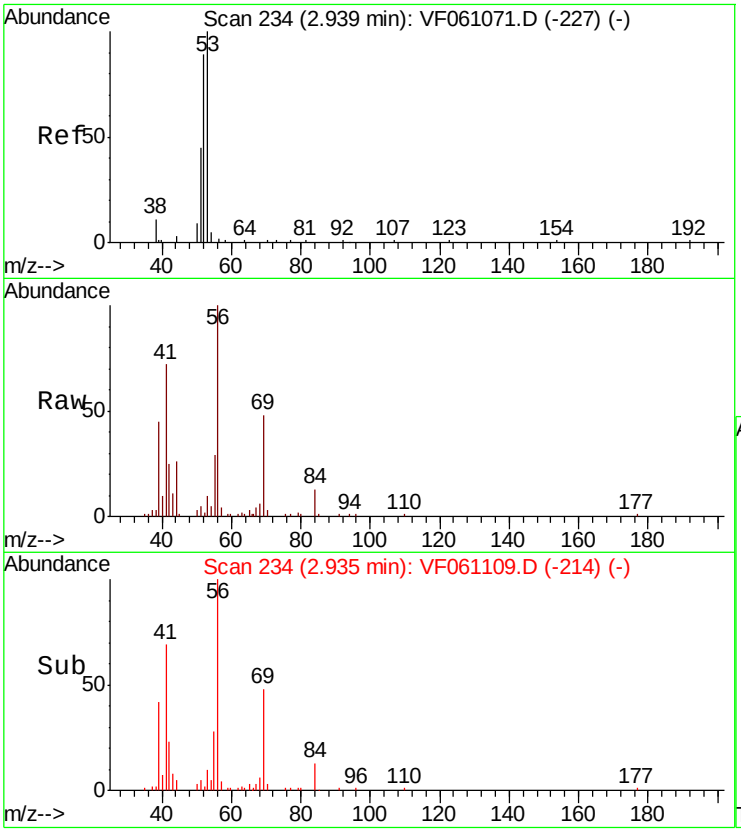


#14
Allyl chloride
Concen: 911.292 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.08 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 41 Resp: 59688

Ion	Ratio	Lower	Upper
41	100		
39	30.1	96.4	144.6#
76	0.0	25.4	38.0#



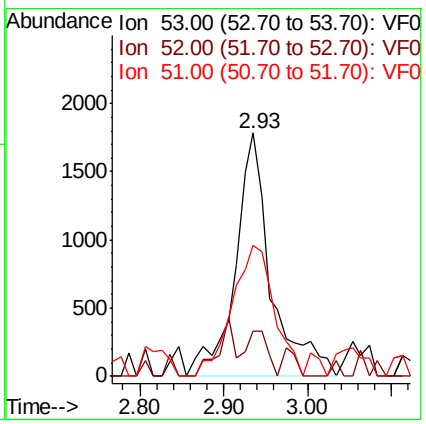


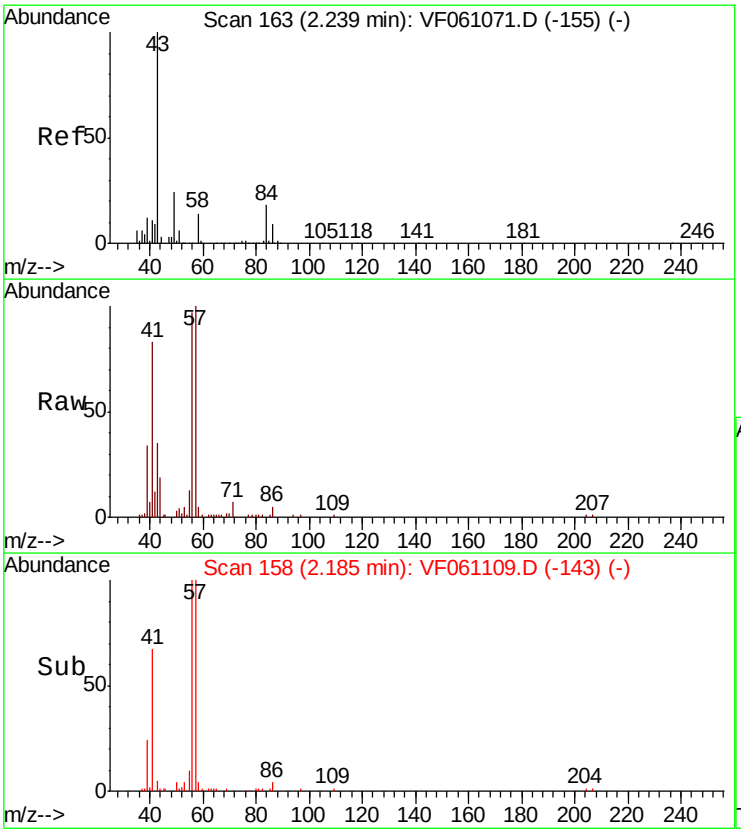
#15
Acrylonitrile
Concen: 616.619 ug/l
RT: 2.93 min Scan# 234
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 5284

Ion	Ratio	Lower	Upper
53	100		
52	18.3	71.3	106.9#
51	54.0	36.8	55.2

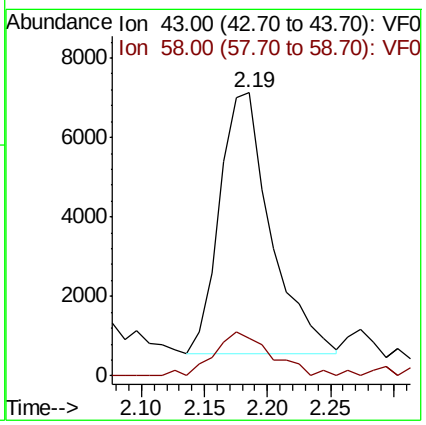


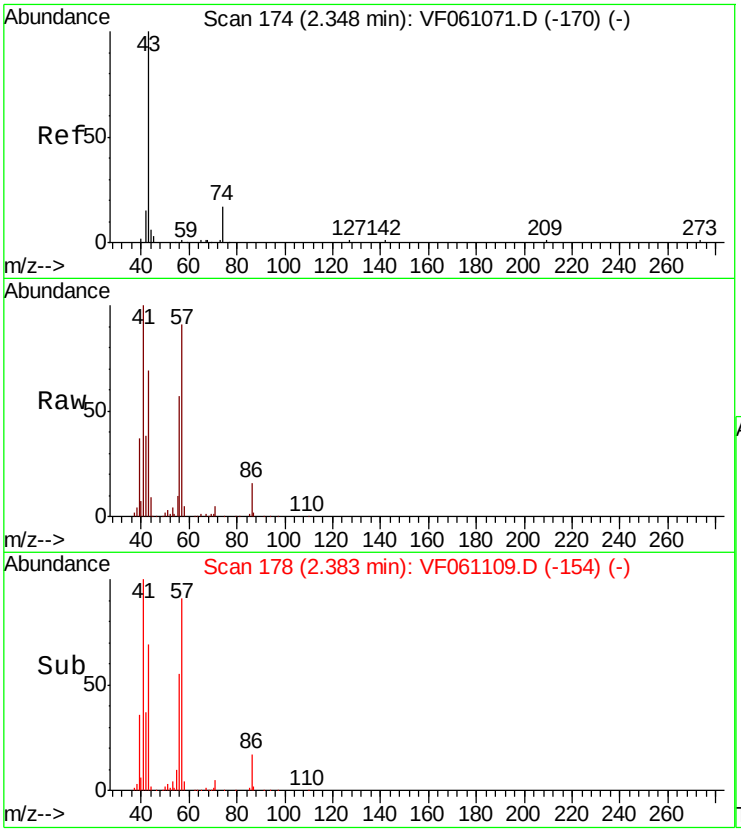


#16
Acetone
Concen: 1010.983 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 43 Resp: 18560

Ion	Ratio	Lower	Upper
43	100		
58	13.2	11.1	16.7



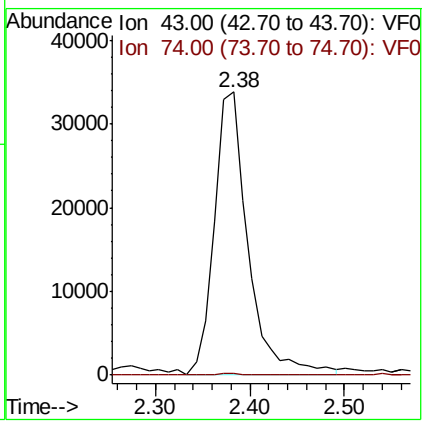


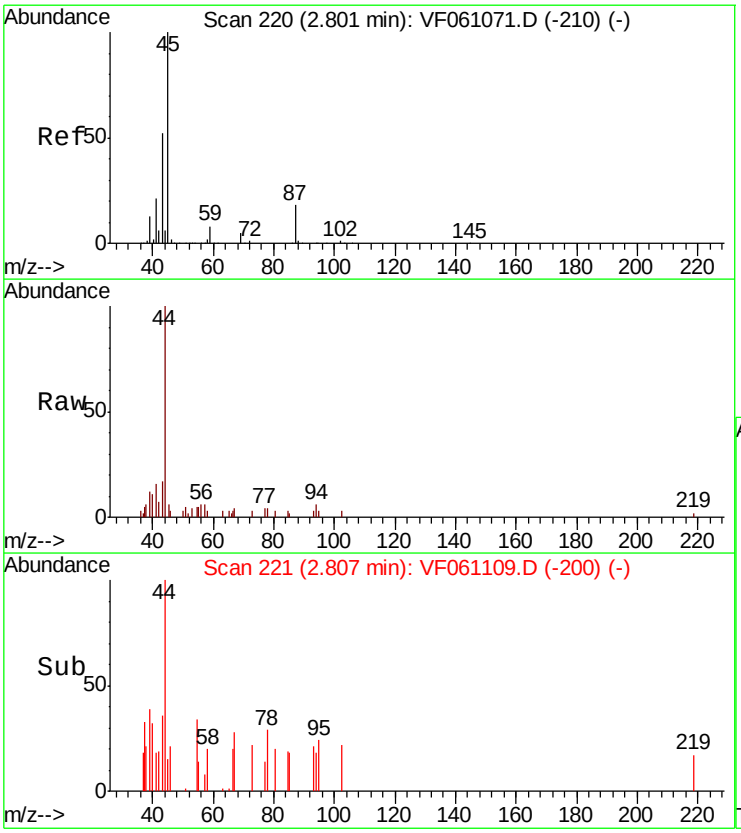
#18
Methyl Acetate
Concen: 2208.291 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 83875

Ion	Ratio	Lower	Upper
43	100		
74	0.4	11.0	16.6#

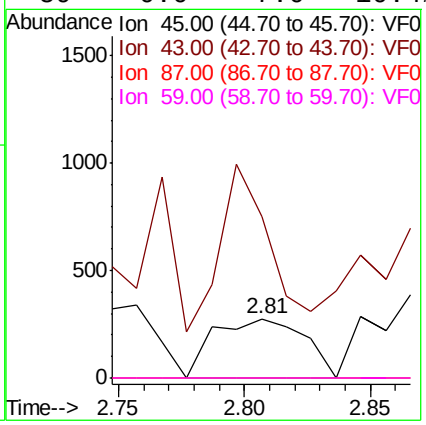


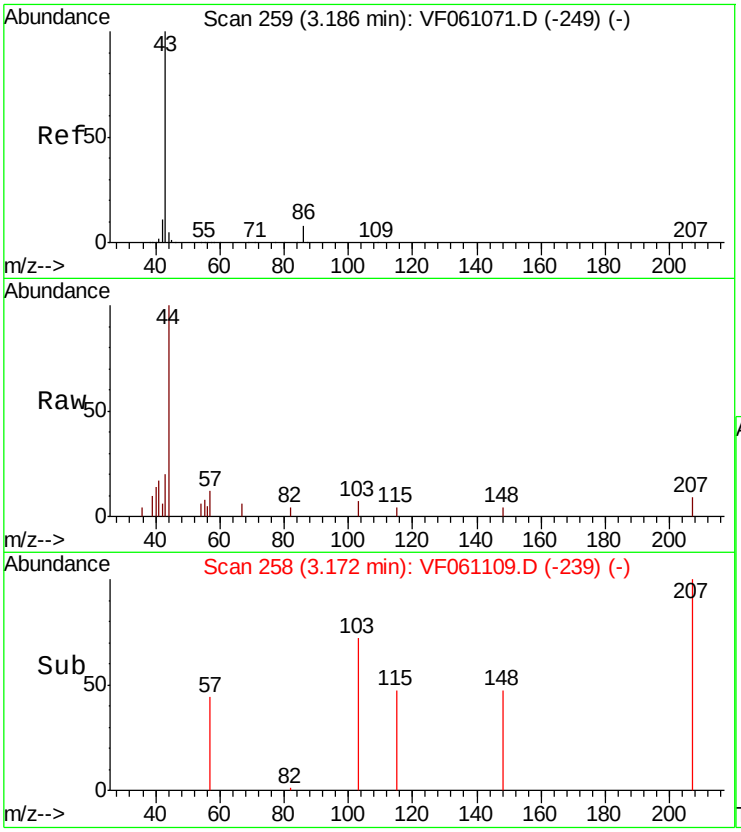


#22
Diisopropyl ether
Concen: 3.153 ug/l
RT: 2.81 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 45 Resp: 688

Ion	Ratio	Lower	Upper
45	100		
43	274.5	42.2	63.2#
87	0.0	14.6	22.0#
59	0.0	7.0	10.4#



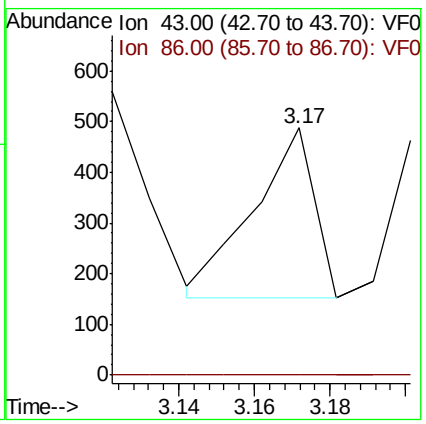


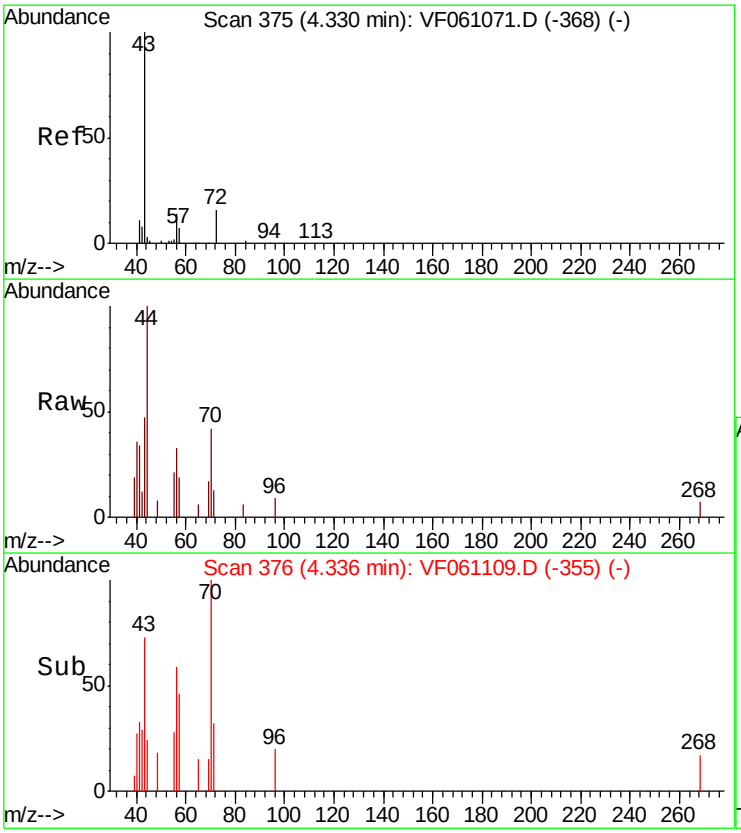
#23
Vinyl Acetate
Concen: 3.706 ug/l
RT: 3.17 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 373

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.3	9.5#

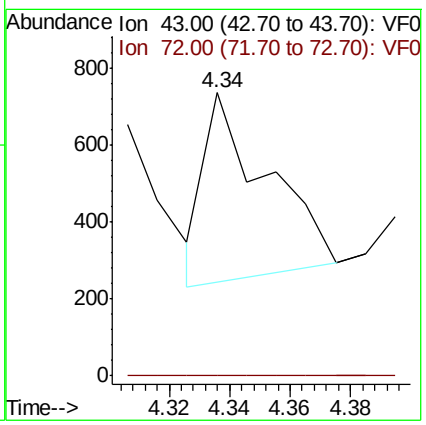


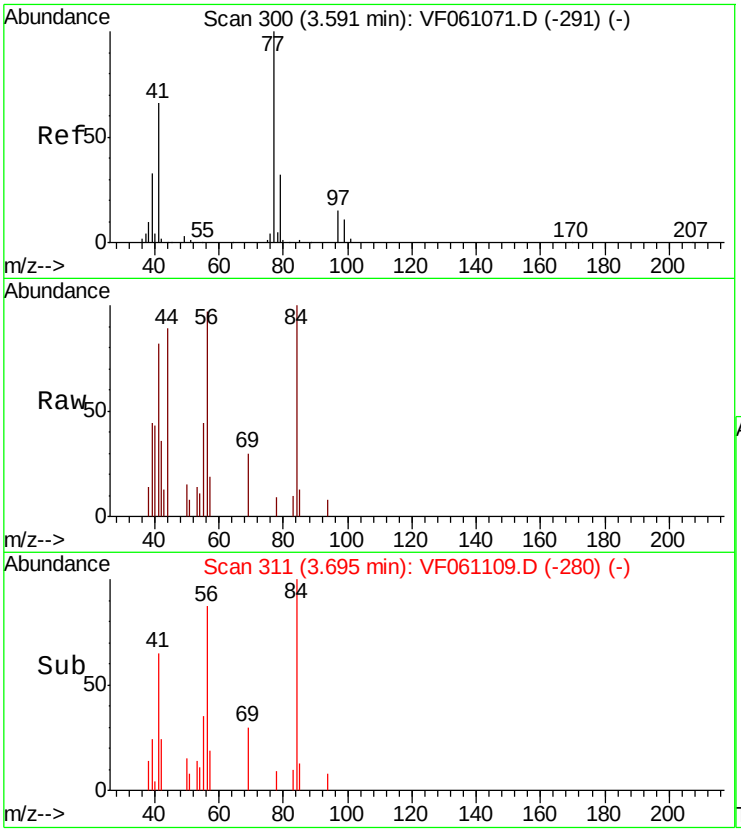


#25
2-Butanone
Concen: 23.779 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 43 Resp: 708

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#



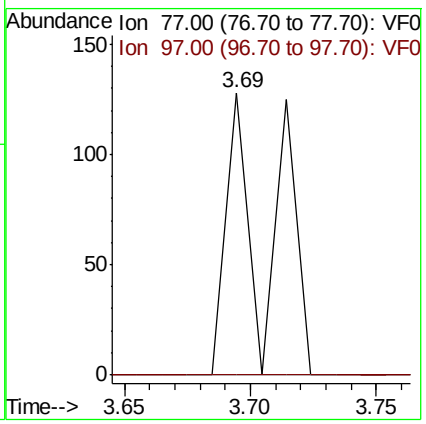


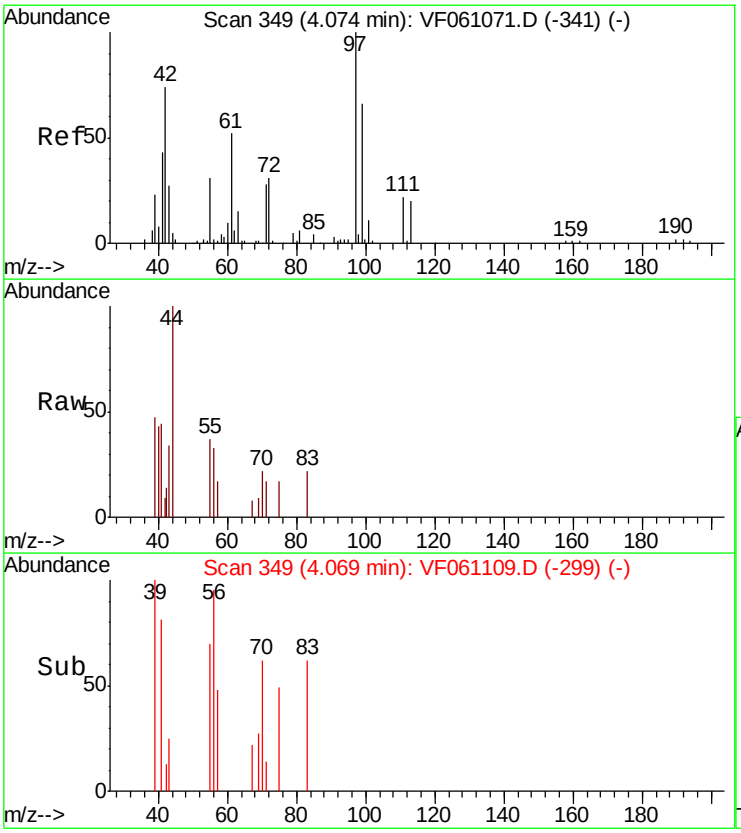
#26
2,2-Dichloropropane
Concen: 2.022 ug/l
RT: 3.69 min Scan# 311
Delta R.T. 0.10 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 77 Resp: 150

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.2	24.4#

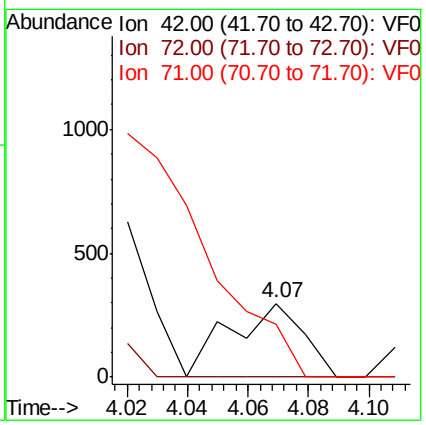


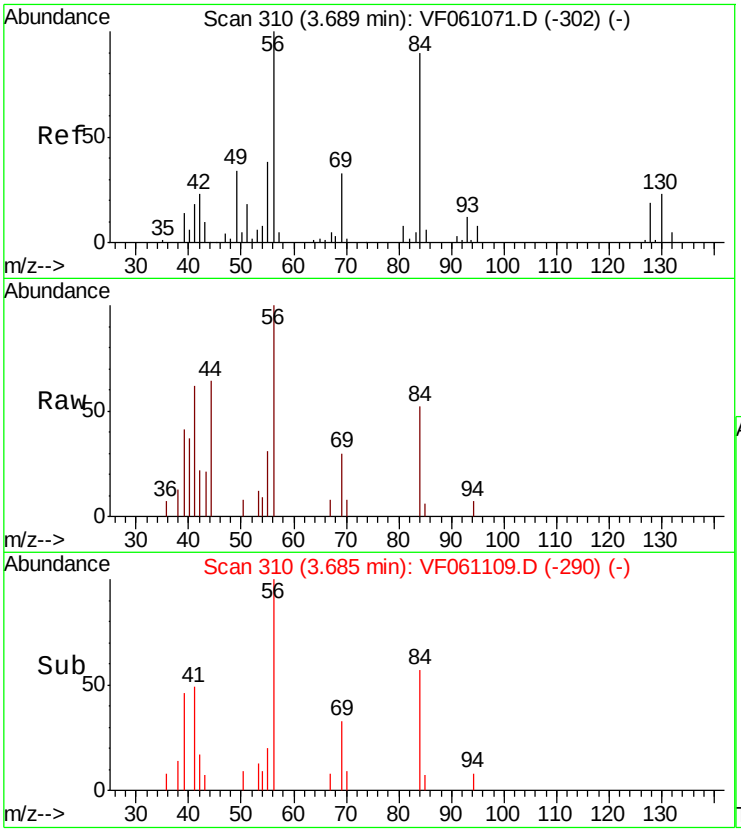


#29
Tetrahydrofuran
Concen: 41.590 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 42 Resp: 504

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	0.0	29.7	44.5#



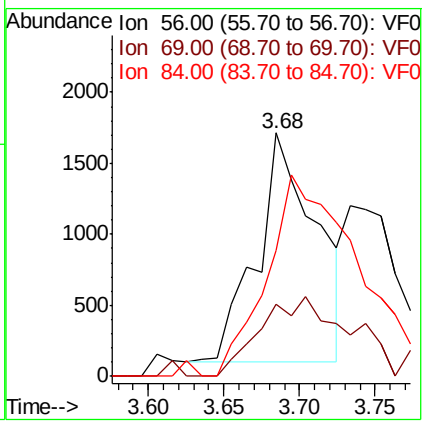


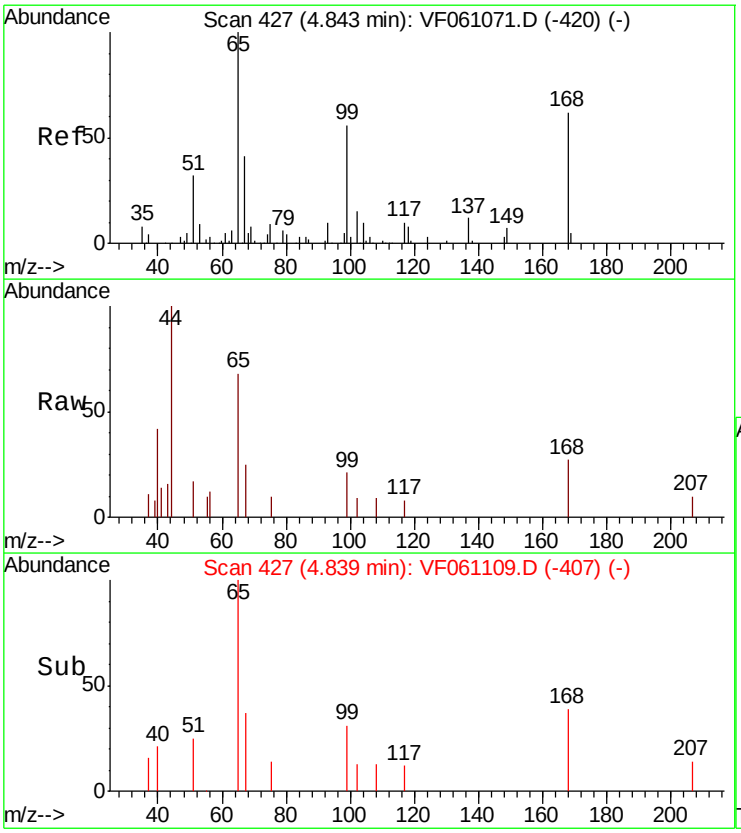
#31
Cyclohexane
Concen: 32.743 ug/l
RT: 3.68 min Scan# 310
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 4392

Ion	Ratio	Lower	Upper
56	100		
69	29.7	26.0	39.0
84	51.5	71.4	107.2#

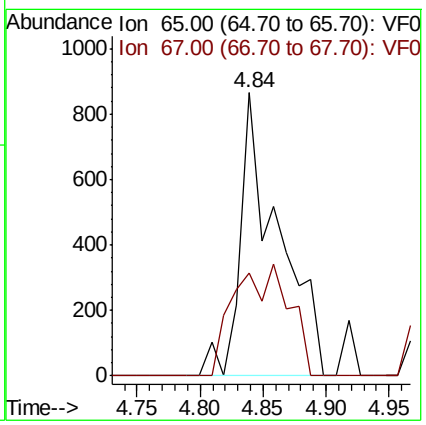


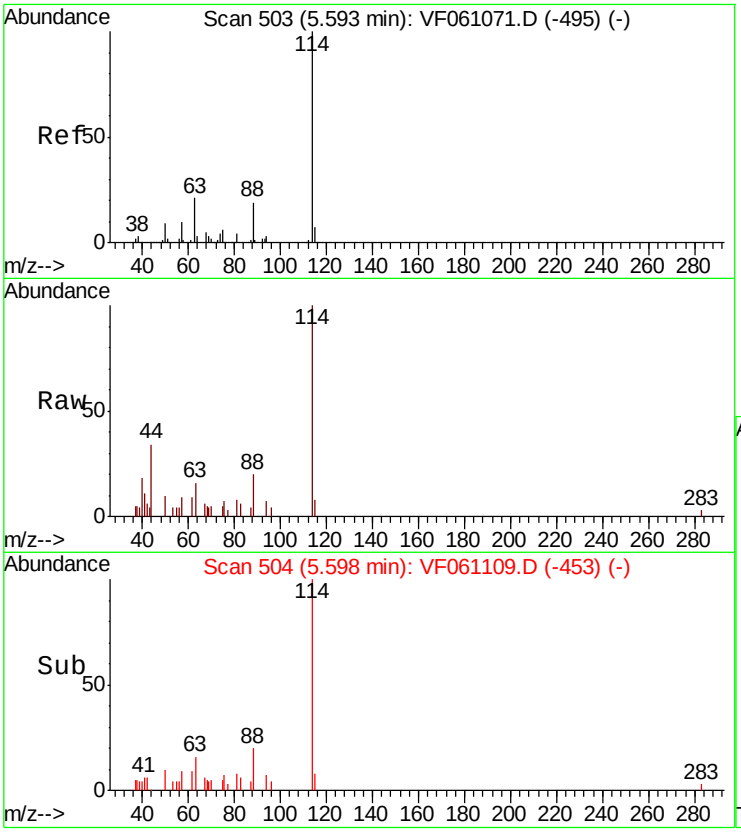


#33
1,2-Dichloroethane-d4
Concen: 19.753 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 65 Resp: 1814

Ion	Ratio	Lower	Upper
65	100		
67	36.5	0.0	94.6



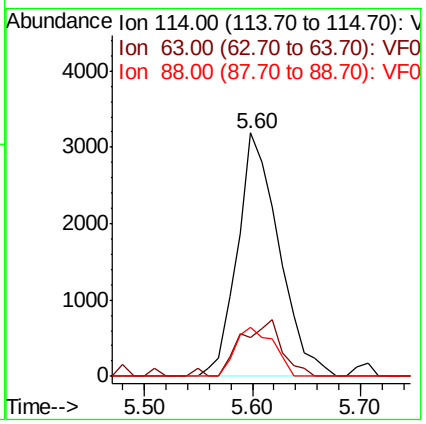


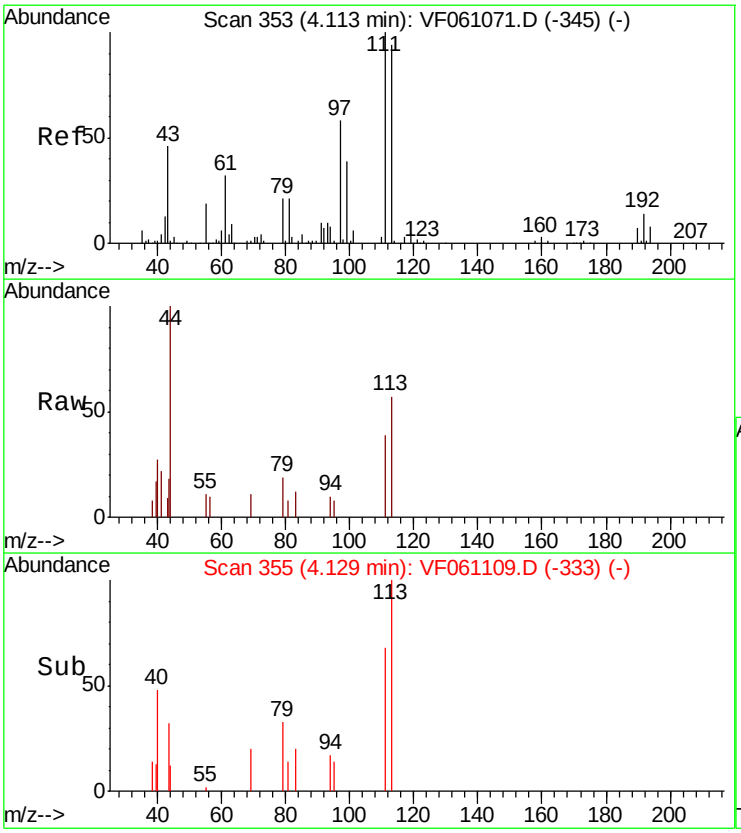
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 8501

Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	41.6
88	19.9	0.0	38.0

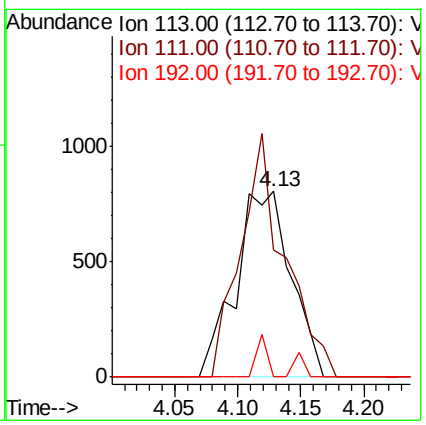


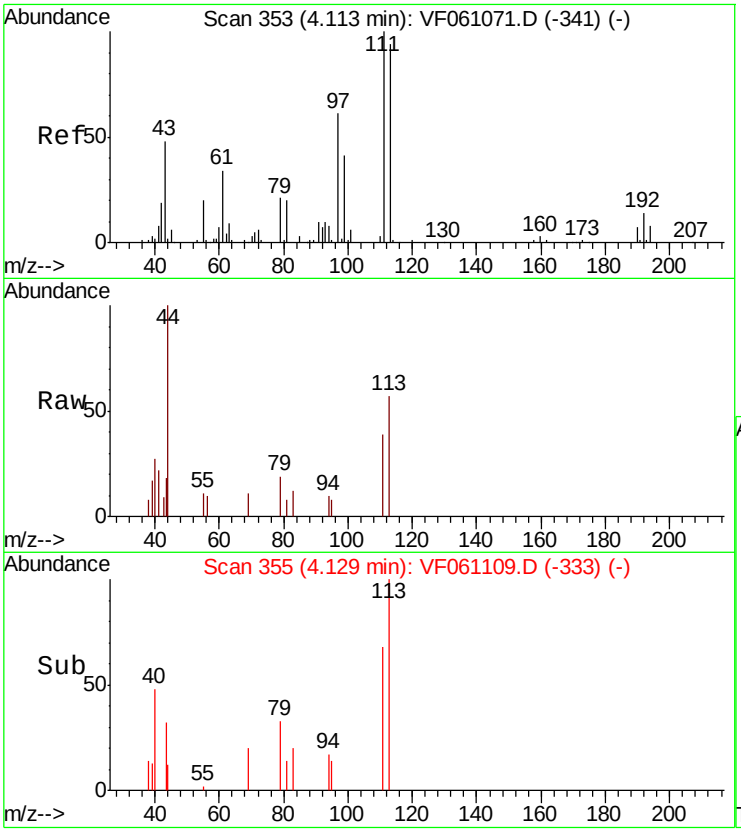


#35
Dibromofluoromethane
Concen: 36.213 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:113 Resp: 2466

Ion	Ratio	Lower	Upper
113	100		
111	68.3	85.2	127.8#
192	0.0	12.8	19.2#



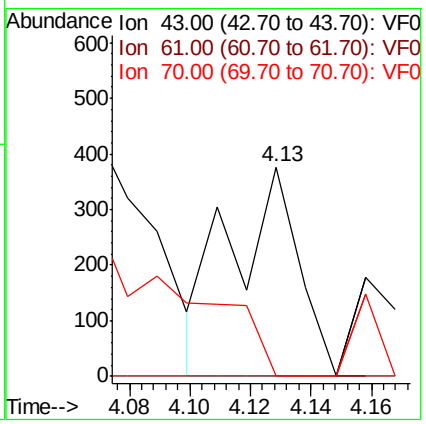


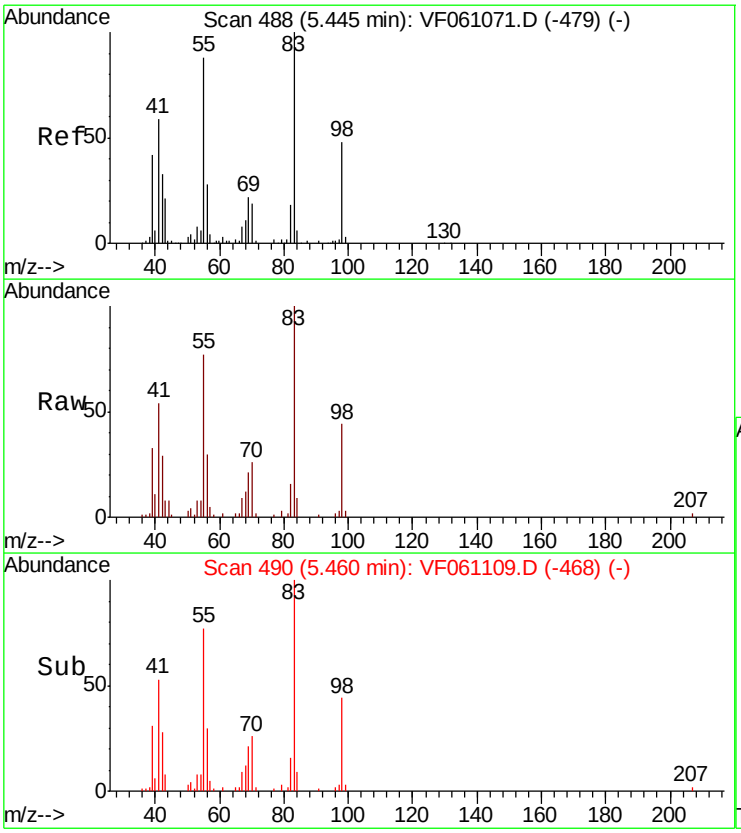
#37
Ethyl Acetate
Concen: 13.015 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 591

Ion	Ratio	Lower	Upper
43	100		
61	0.0	56.6	84.8#
70	0.0	6.3	9.5#

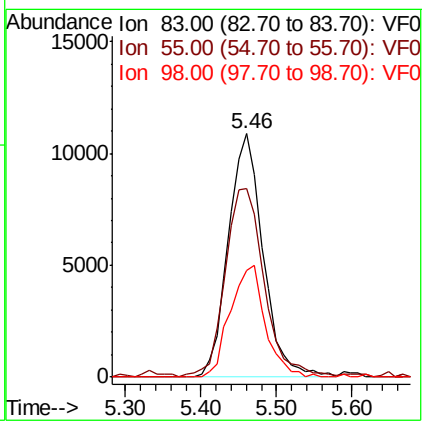


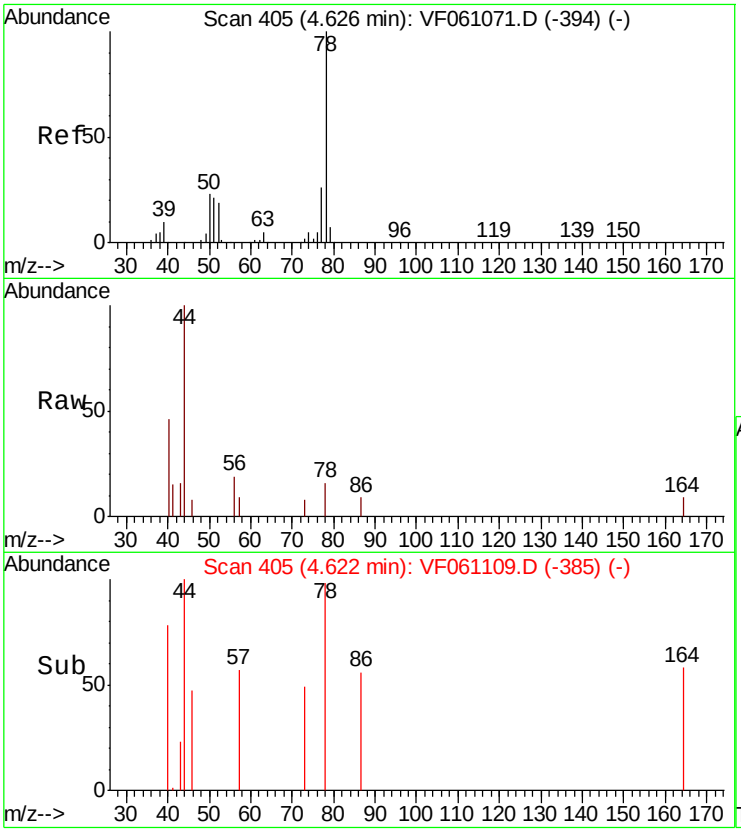


#39
Methylcyclohexane
Concen: 375.831 ug/l
RT: 5.46 min Scan# 490
Delta R.T. 0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 83 Resp: 34598

Ion	Ratio	Lower	Upper
83	100		
55	77.4	70.6	105.8
98	43.9	38.5	57.7



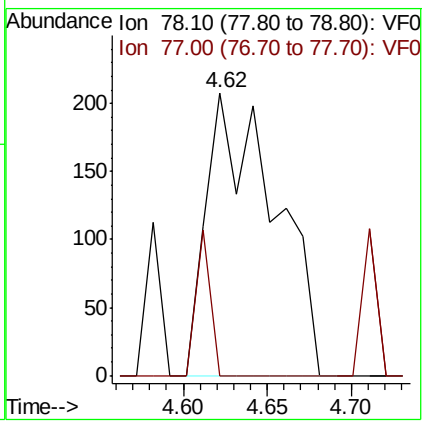


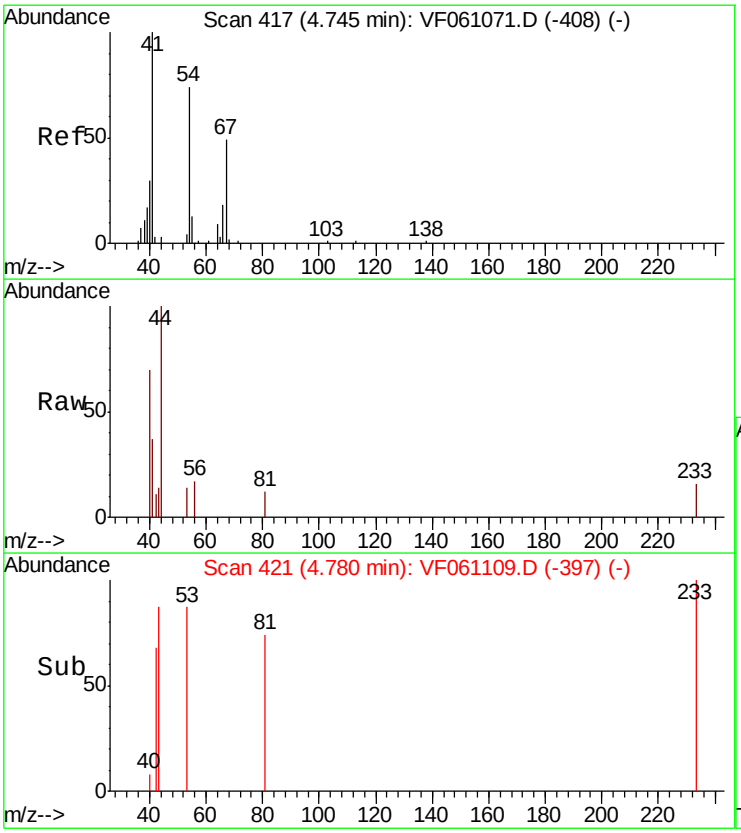
#40
Benzene
Concen: 2.646 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 584

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#

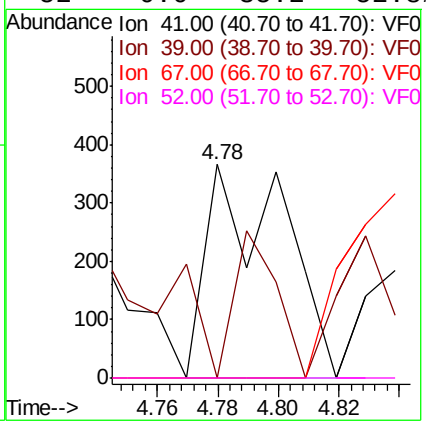


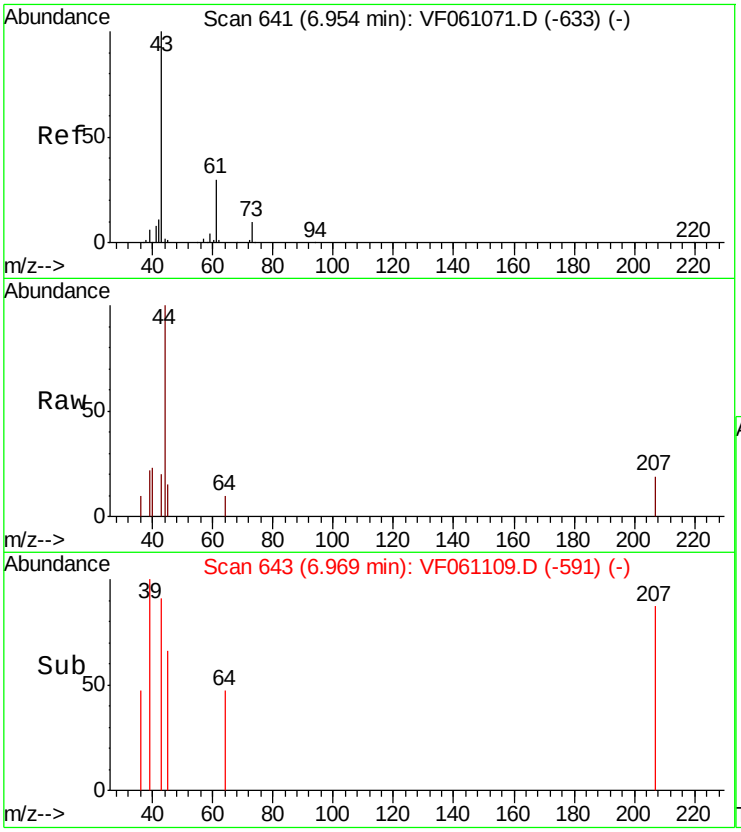


#41
Methacrylonitrile
Concen: 29.810 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.03 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 41 Resp: 646

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	0.0	38.9	58.3#
52	0.0	35.2	52.8#



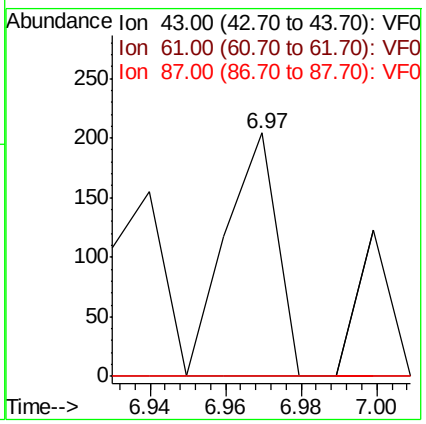


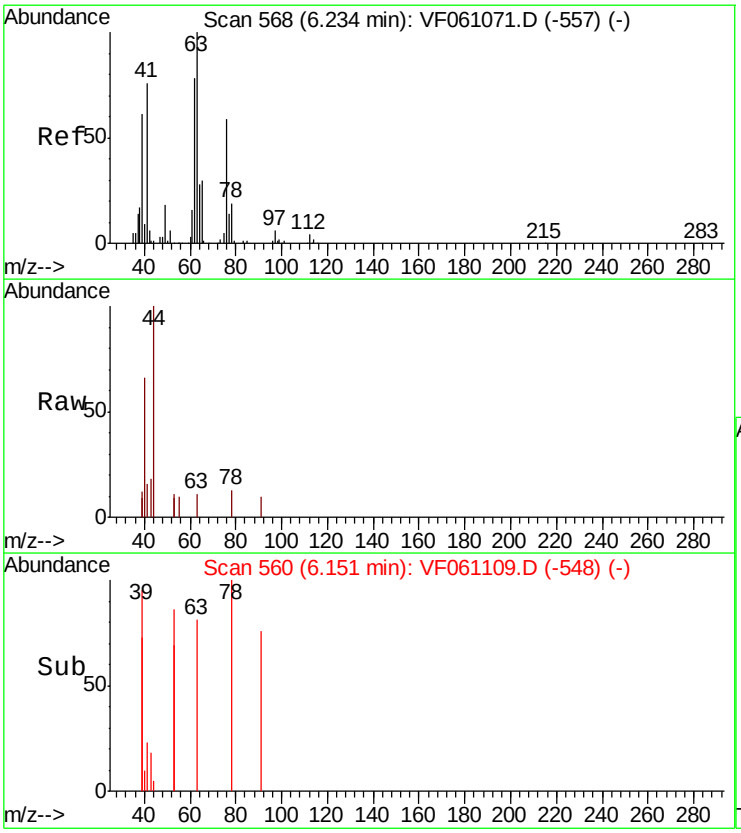
#43
Isopropyl Acetate
Concen: 3.855 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 191

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.0	0.0

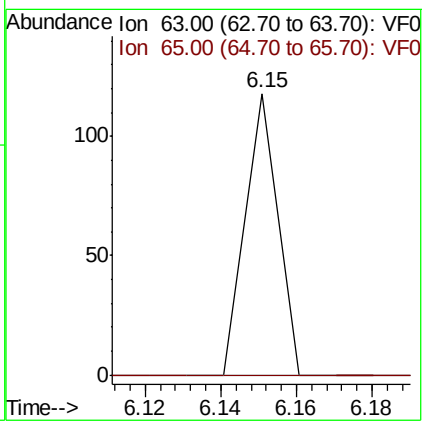


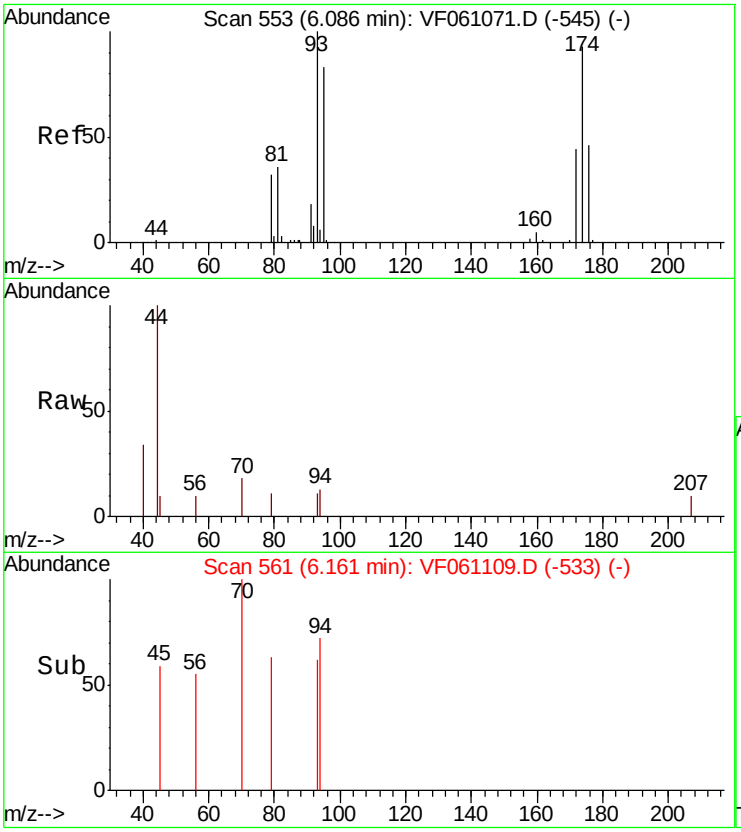


#45
1,2-Dichloropropane
Concen: 1.166 ug/l
RT: 6.15 min Scan# 560
Delta R.T. -0.08 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 63 Resp: 70

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#



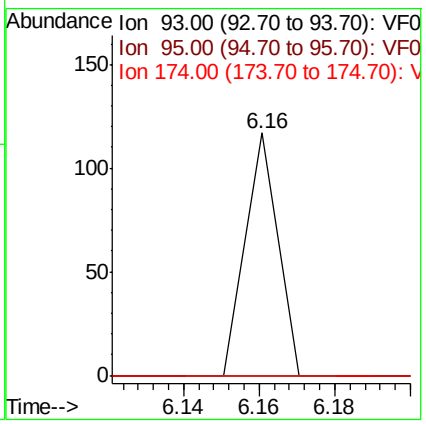


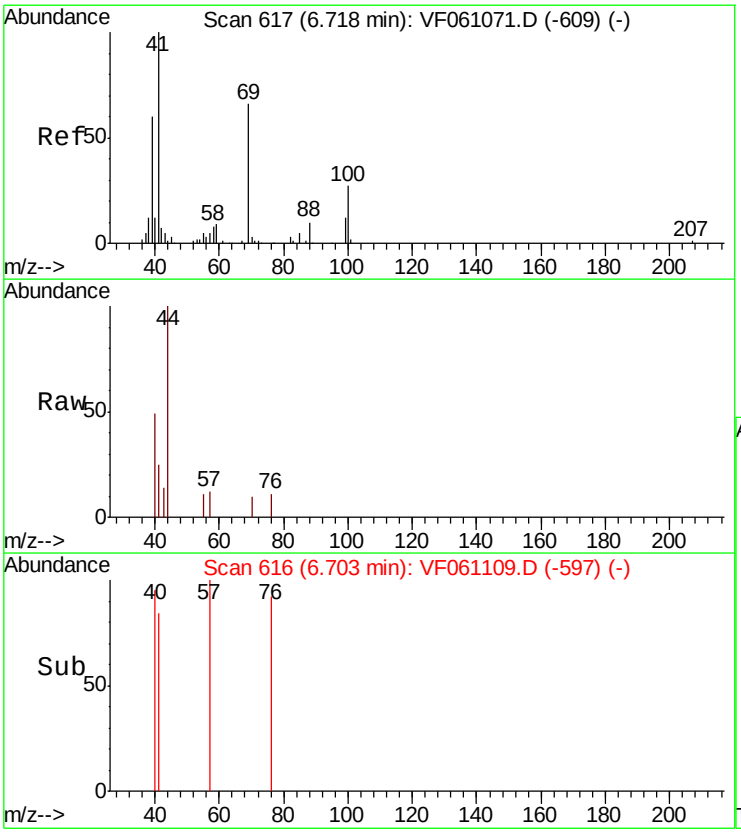
#46
Dibromomethane
Concen: 1.772 ug/l
RT: 6.16 min Scan# 561
Delta R.T. 0.07 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 93 Resp: 69

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.9	100.3#
174	0.0	74.1	111.1#

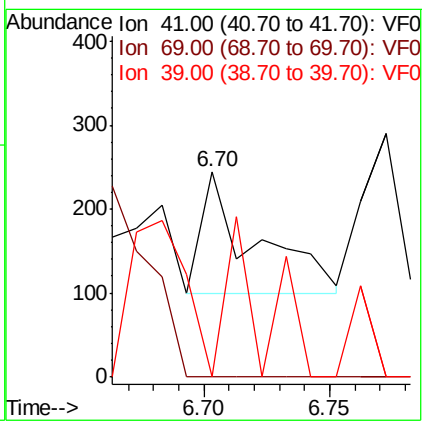


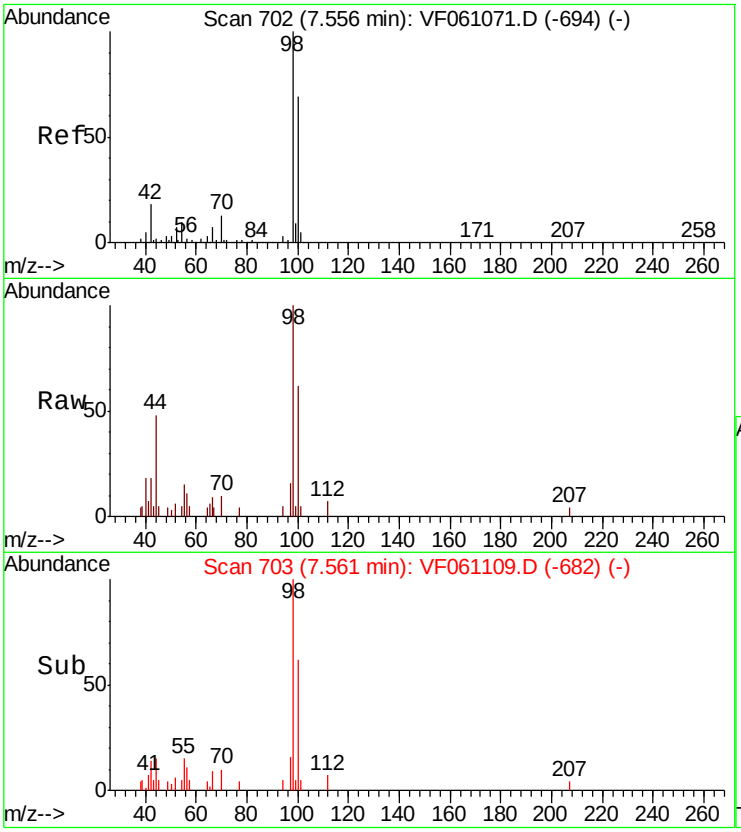


#48
Methyl methacrylate
Concen: 6.071 ug/l
RT: 6.70 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 41 Resp: 210

Ion	Ratio	Lower	Upper
41	100		
69	0.0	52.7	79.1#
39	0.0	47.8	71.6#



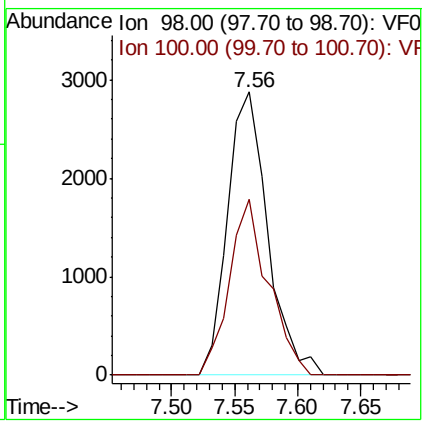


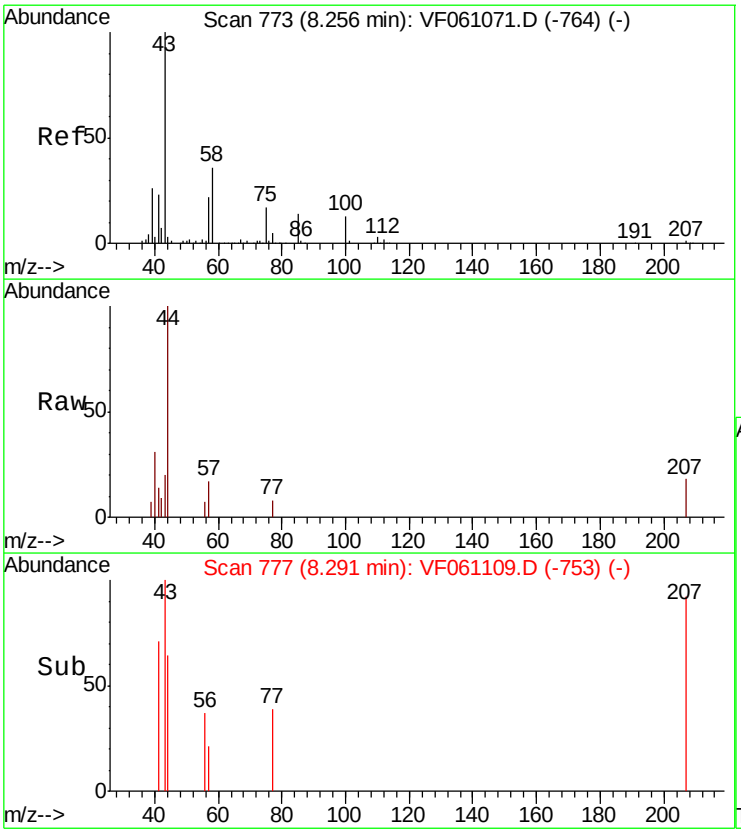
#50
Toluene-d8
Concen: 32.900 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 6349

Ion	Ratio	Lower	Upper
98	100		
100	62.0	55.3	82.9

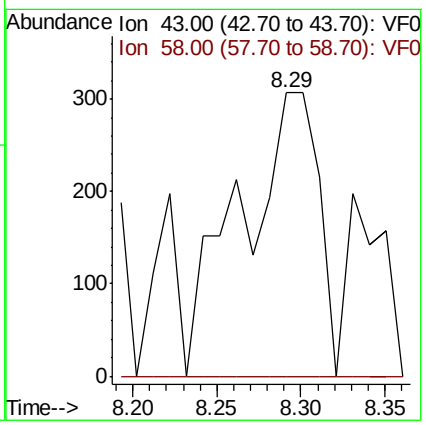


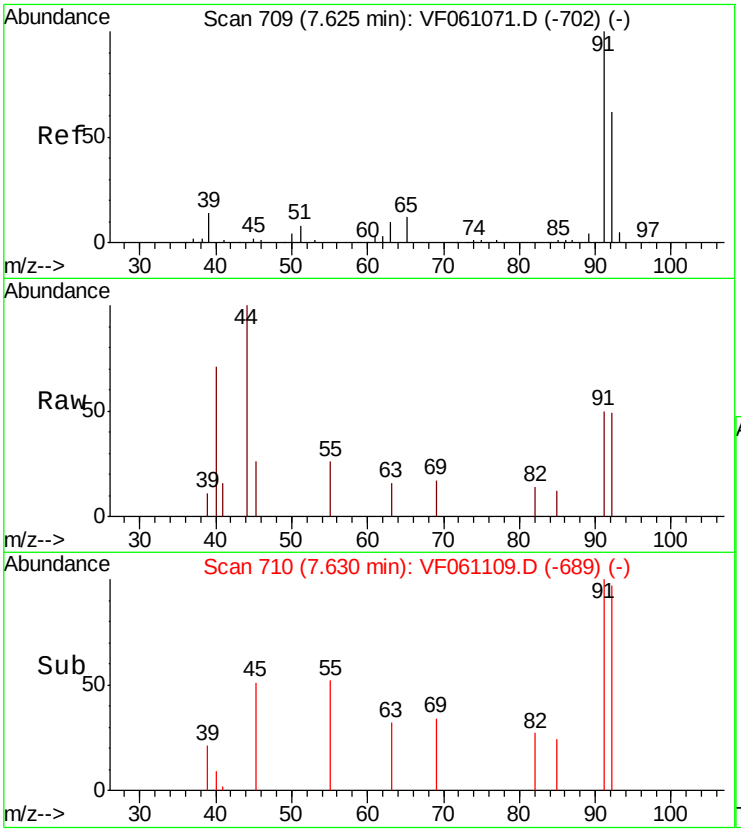


#51
4-Methyl-2-Pentanone
Concen: 29.105 ug/l
RT: 8.29 min Scan# 777
Delta R.T. 0.03 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 43 Resp: 989

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#



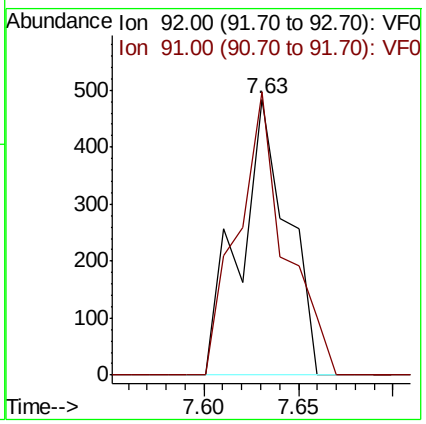


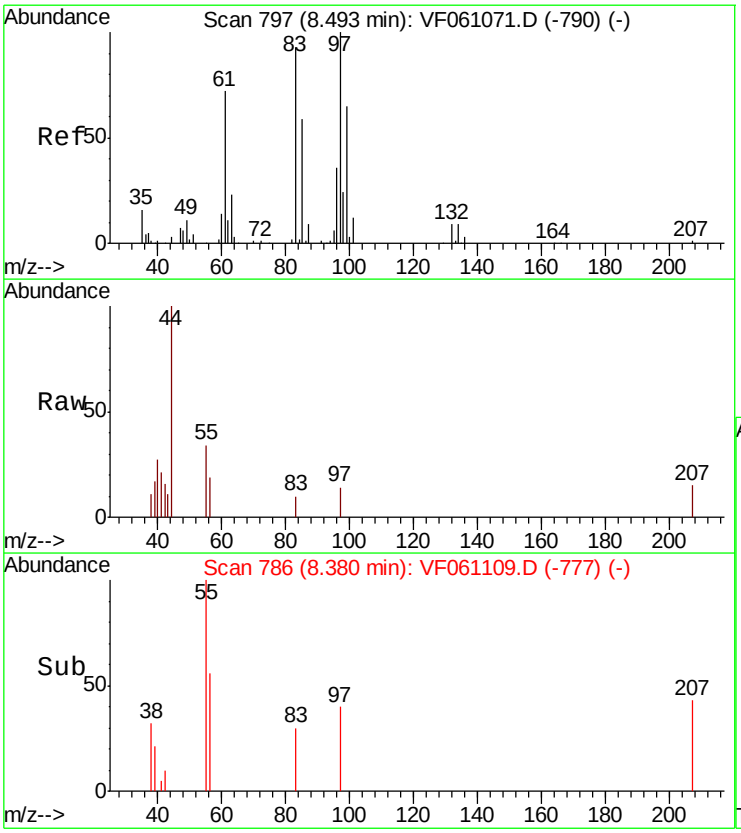
#52
Toluene
Concen: 5.812 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 849

Ion	Ratio	Lower	Upper
92	100		
91	102.7	128.8	193.2#

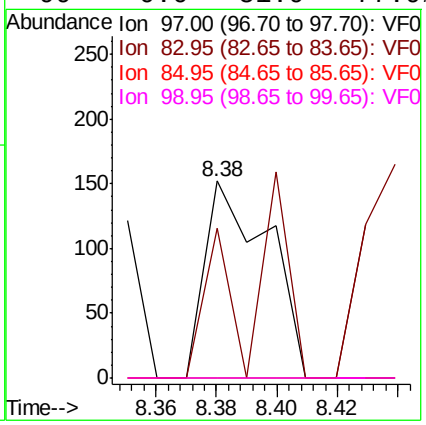


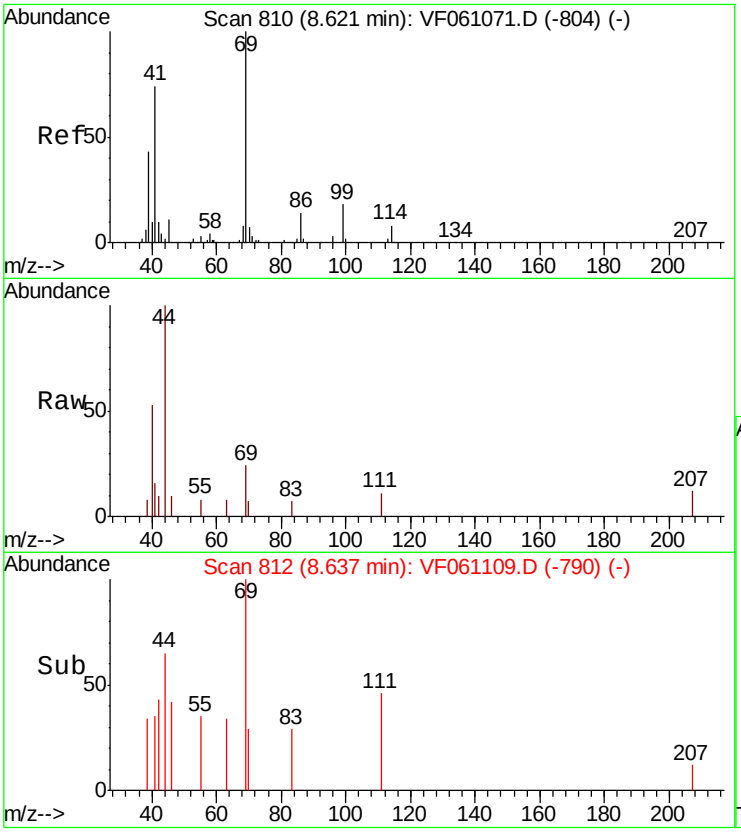


#55
1,1,2-Trichloroethane
Concen: 5.070 ug/l
RT: 8.38 min Scan# 786
Delta R.T. -0.11 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 97 Resp: 222

Ion	Ratio	Lower	Upper
97	100		
83	76.3	75.0	112.4
85	0.0	47.5	71.3#
99	0.0	51.9	77.9#



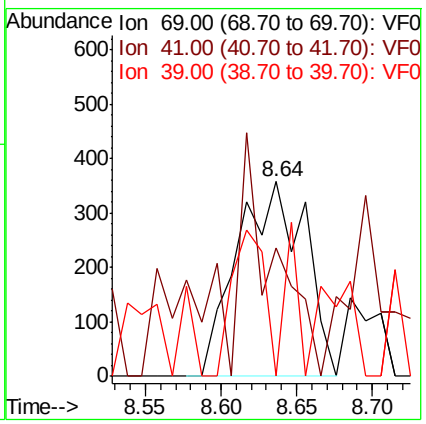


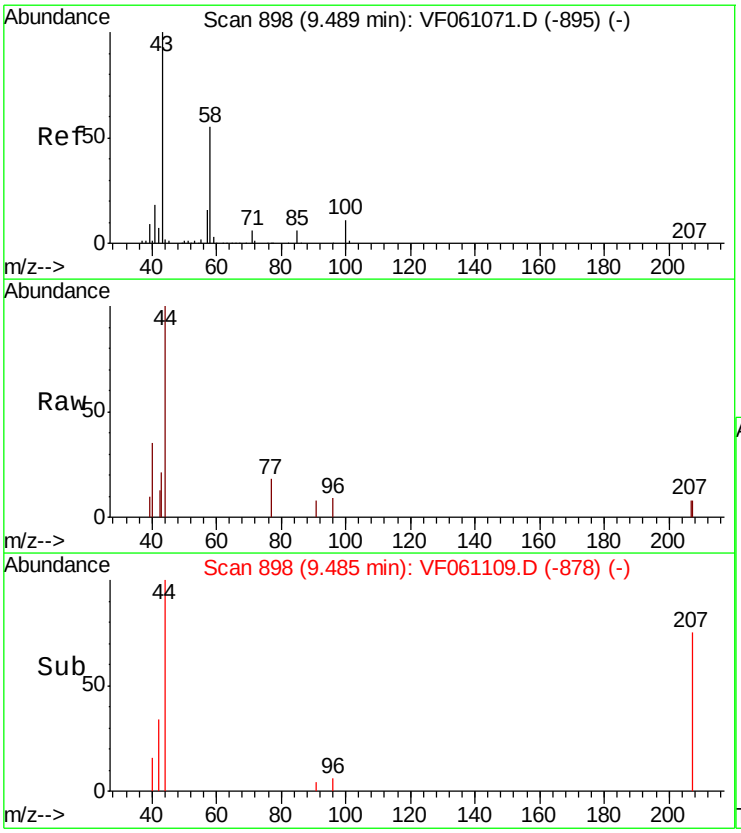
#56
Ethyl methacrylate
Concen: 23.721 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 1124

Ion	Ratio	Lower	Upper
69	100		
41	65.6	59.7	89.5
39	0.0	35.0	52.6#

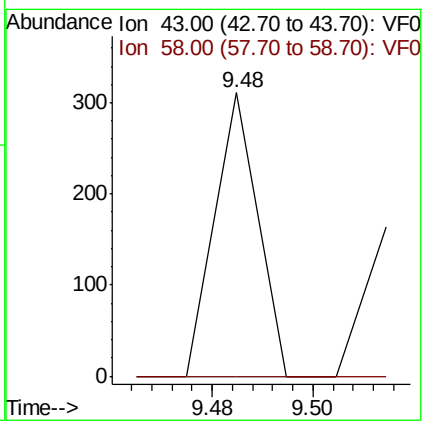


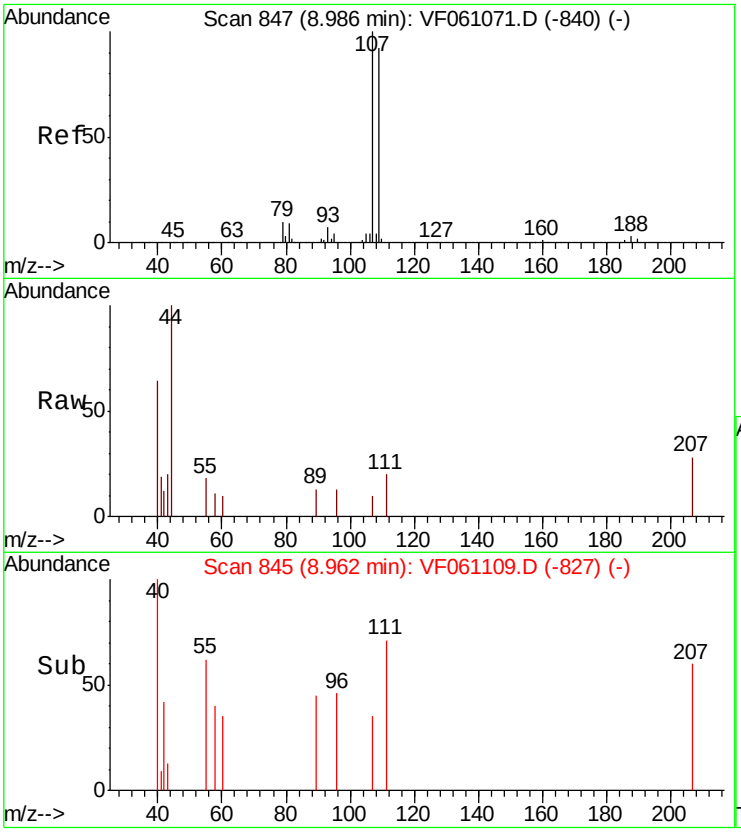


#59
2-Hexanone
Concen: 7.488 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 43 Resp: 184

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#



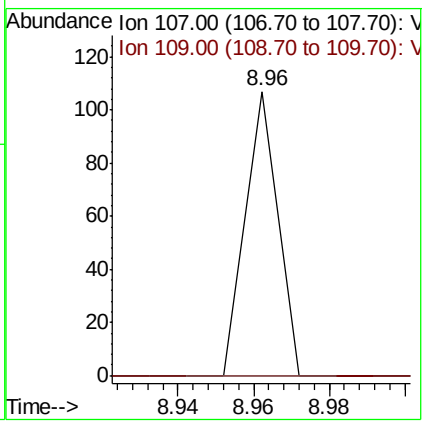


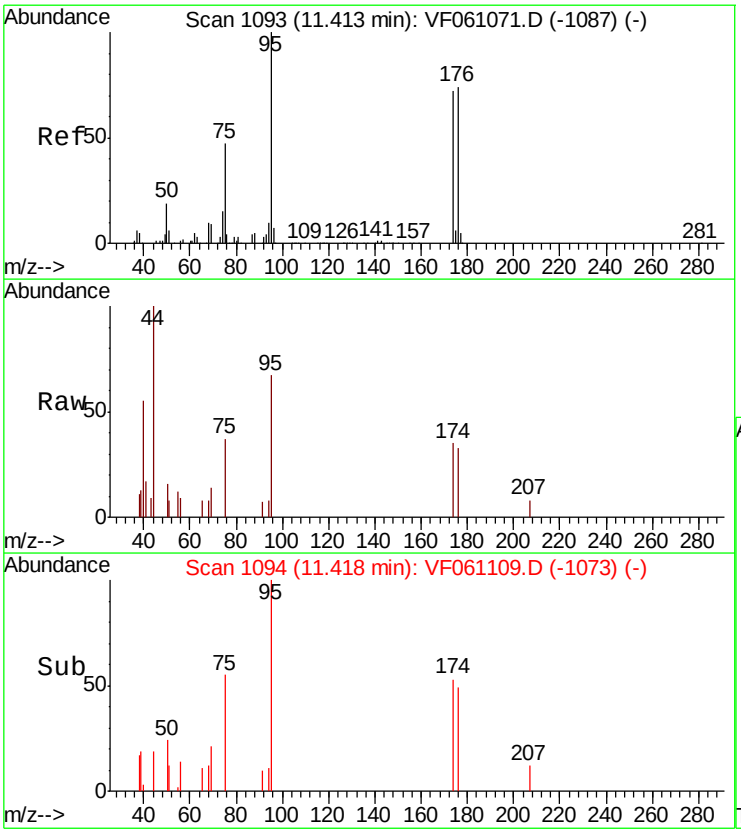
#61
1,2-Dibromoethane
Concen: 1.347 ug/l
RT: 8.96 min Scan# 845
Delta R.T. -0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:107 Resp: 63

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.7	110.5#

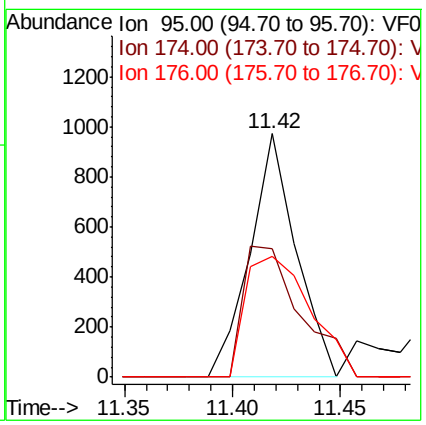


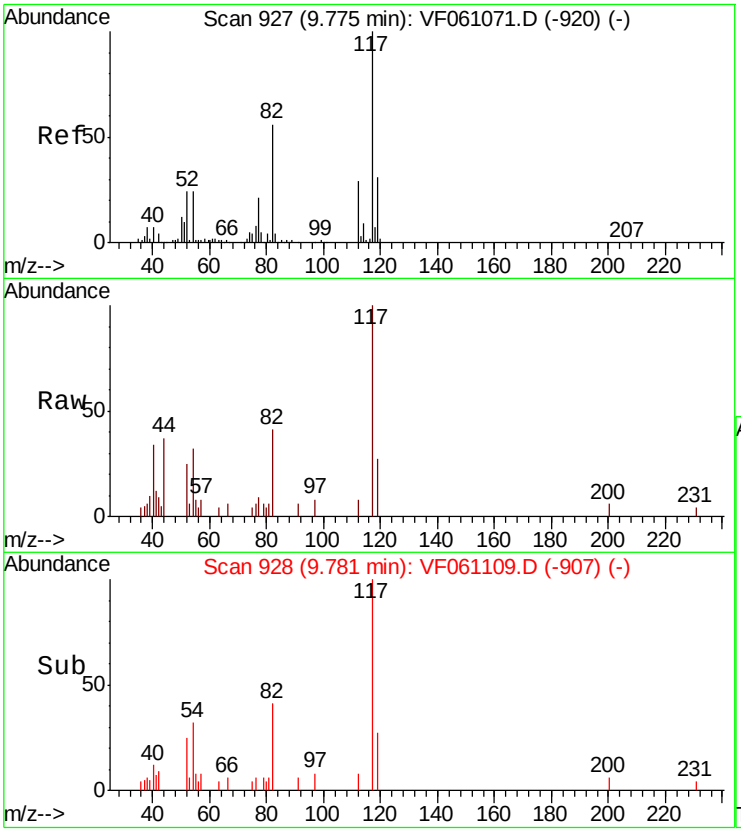


#62
4-Bromofluorobenzene
Concen: 16.253 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 95 Resp: 1446

Ion	Ratio	Lower	Upper
95	100		
174	52.6	0.0	143.8
176	49.4	0.0	147.6



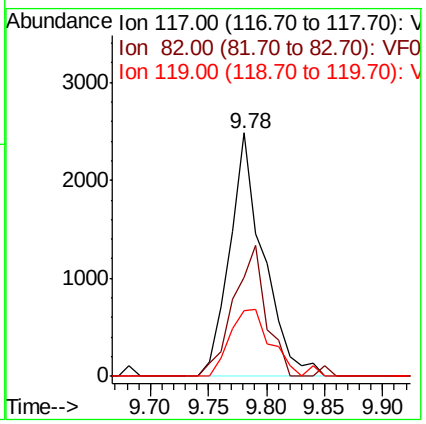


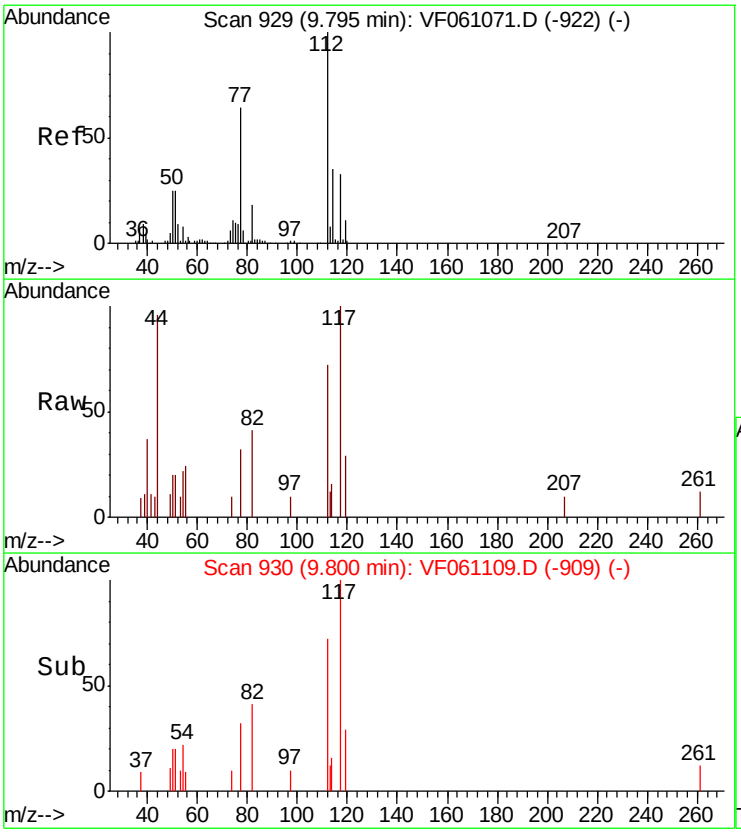
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 5011

Ion	Ratio	Lower	Upper
117	100		
82	40.7	45.0	67.4#
119	27.0	24.8	37.2

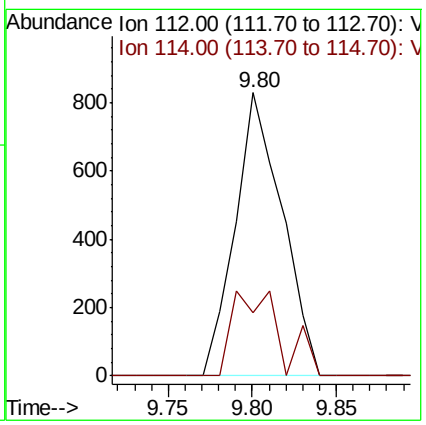


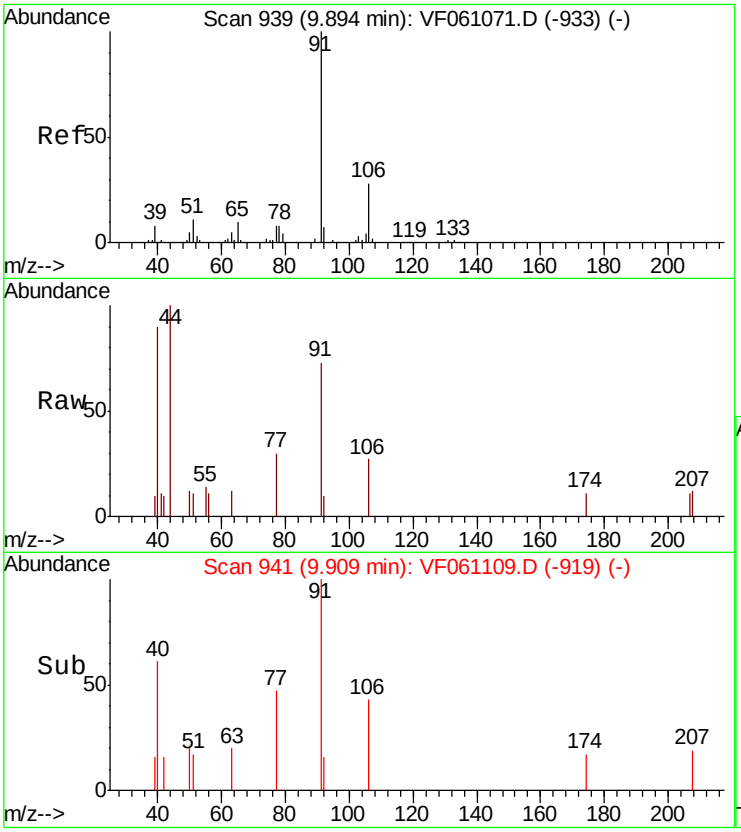


#65
Chlorobenzene
Concen: 15.543 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:112 Resp: 1609

Ion	Ratio	Lower	Upper
112	100		
114	22.4	27.8	41.6#



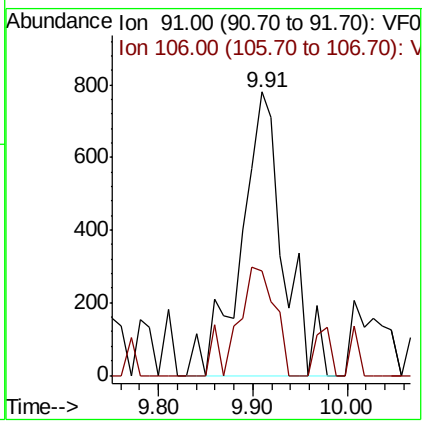


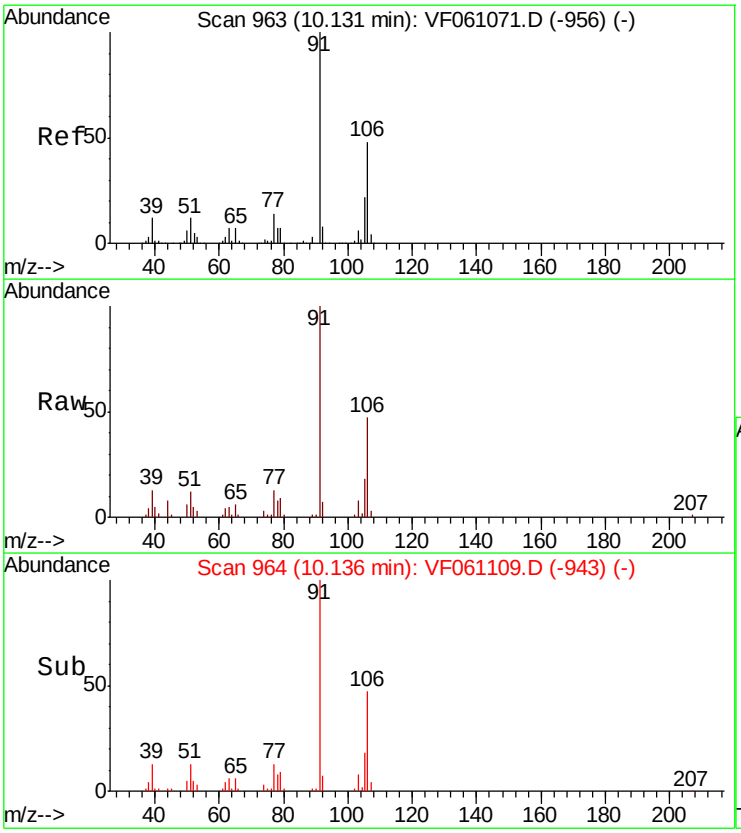
#67
Ethyl Benzene
Concen: 13.001 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 2452

Ion	Ratio	Lower	Upper
91	100		
106	36.8	22.5	33.7#

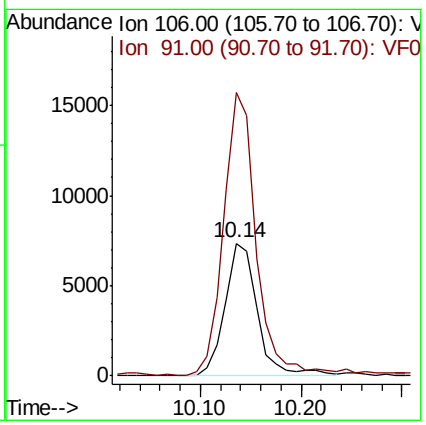


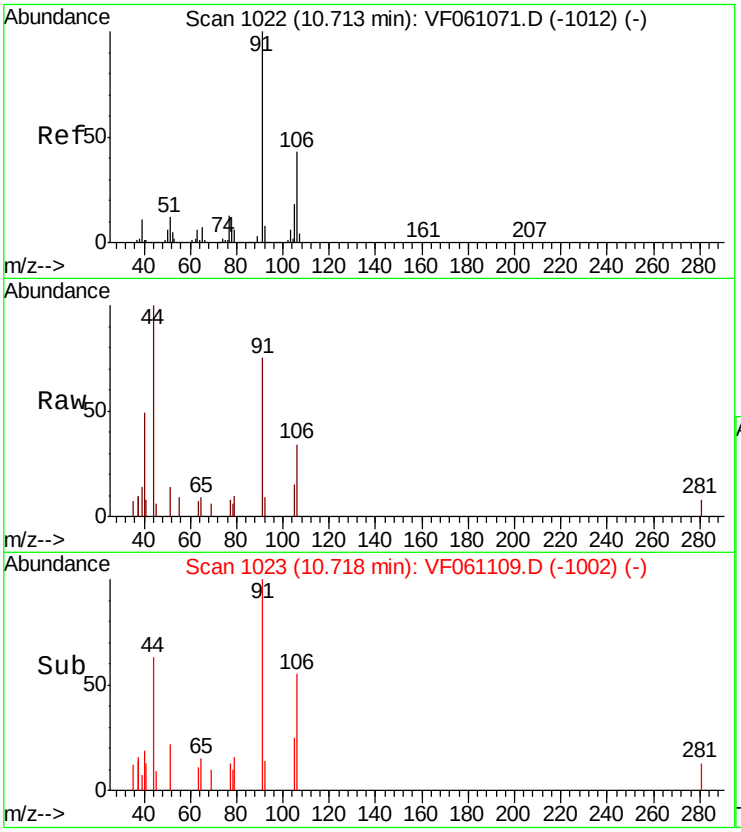


#68
m/p-Xylenes
Concen: 247.744 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:106 Resp: 16443

Ion	Ratio	Lower	Upper
106	100		
91	213.2	168.2	252.2



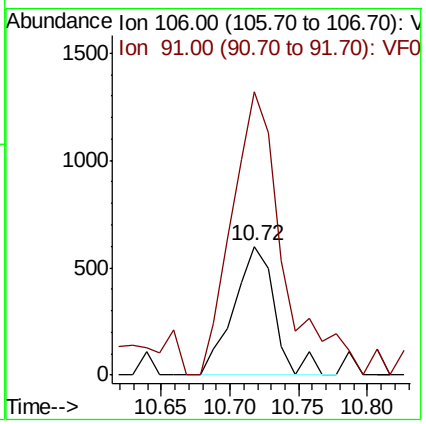


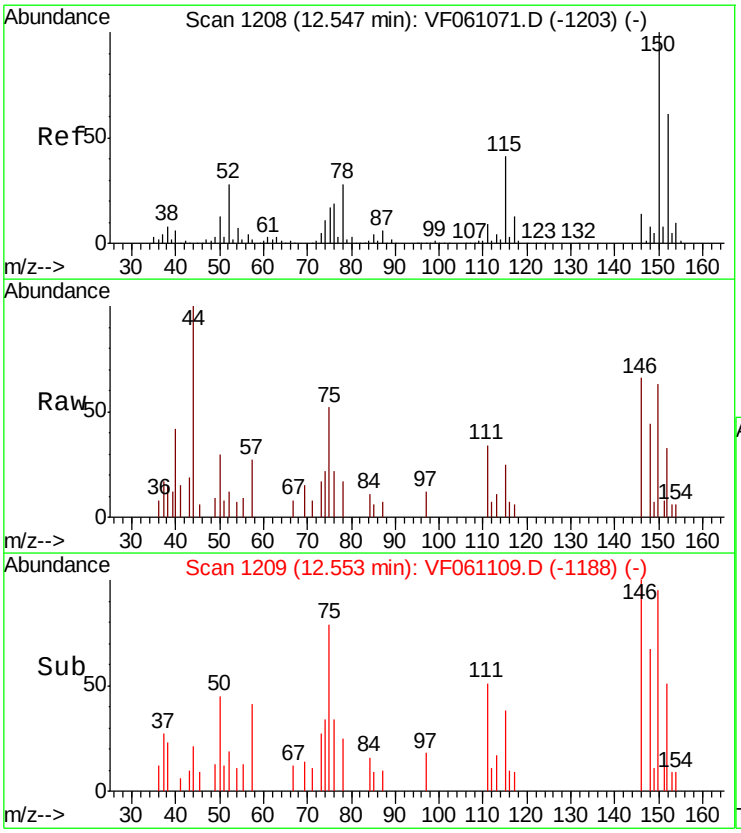
#69
o-Xylene
Concen: 17.022 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 1253

Ion	Ratio	Lower	Upper
106	100		
91	219.8	115.9	347.7

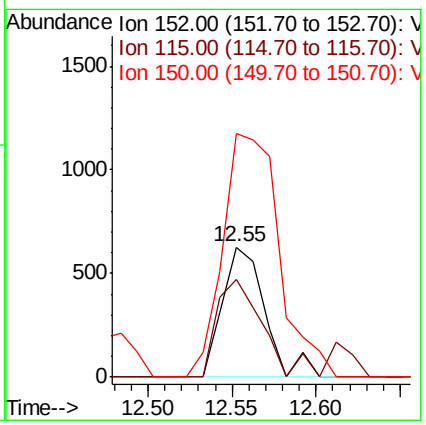


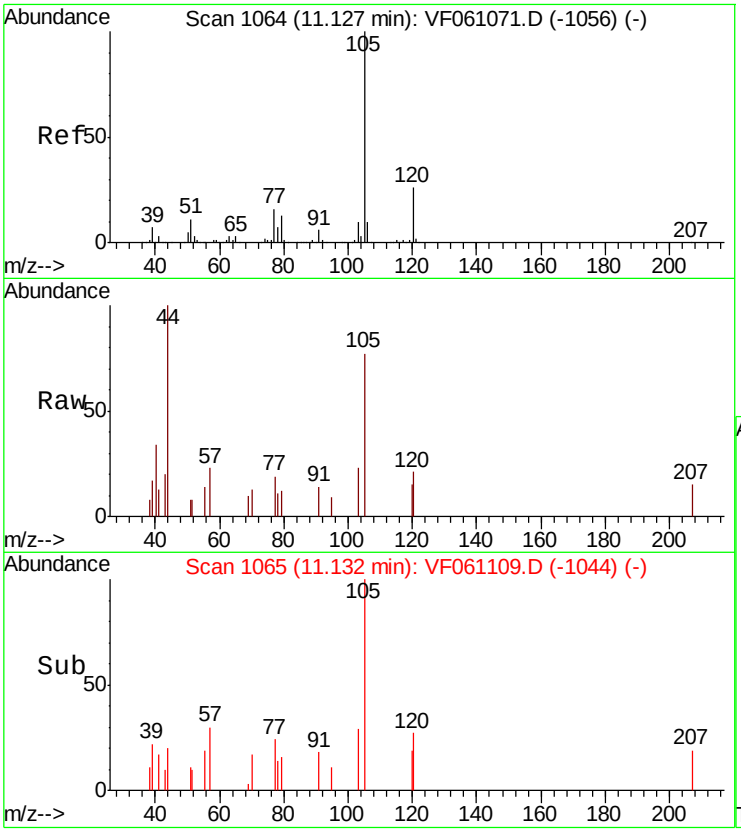


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:152 Resp: 1093

Ion	Ratio	Lower	Upper
152	100		
115	75.6	33.3	99.9
150	187.7	0.0	328.2



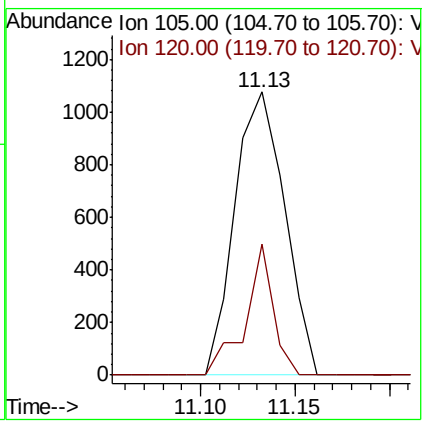


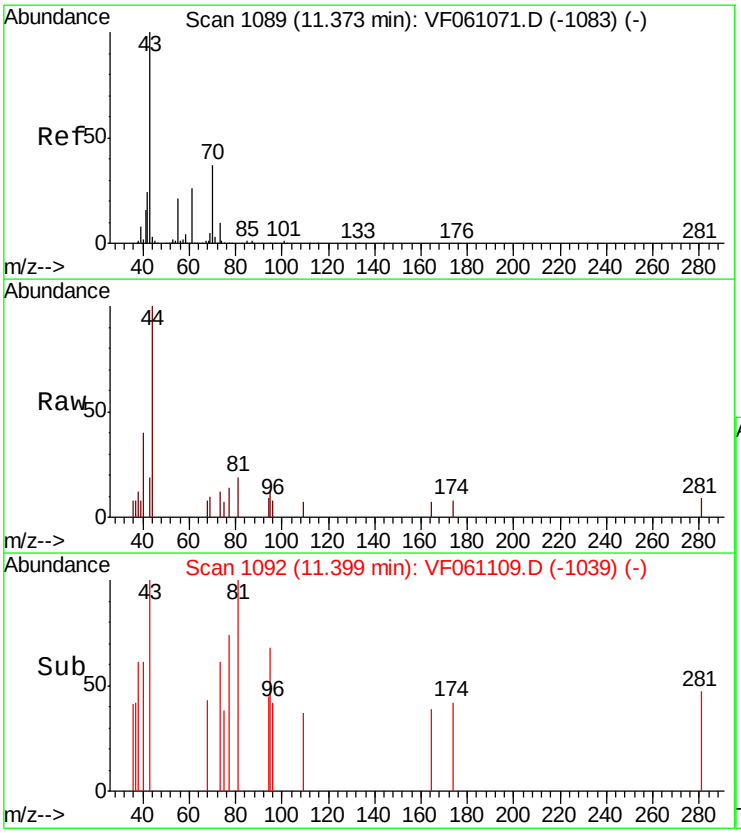
#73
Isopropylbenzene
Concen: 20.862 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 1965

Ion	Ratio	Lower	Upper
105	100		
120	46.4	13.0	39.0#

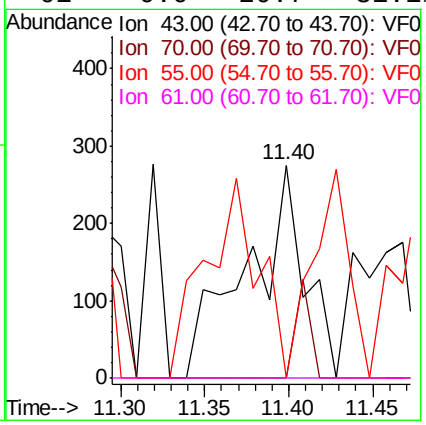


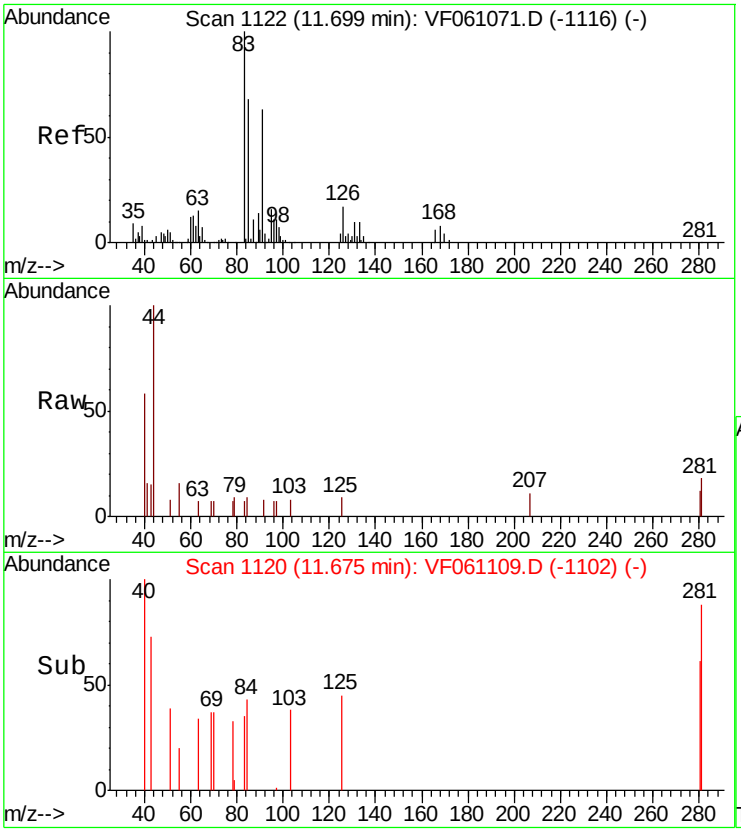


#74
N-amyl acetate
Concen: 31.609 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 43 Resp: 661

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.2	43.8#
55	0.0	16.5	24.7#
61	0.0	20.7	31.1#



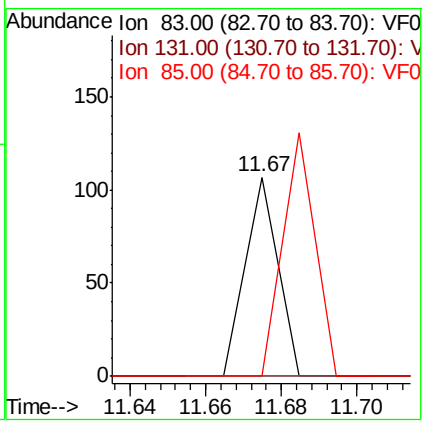


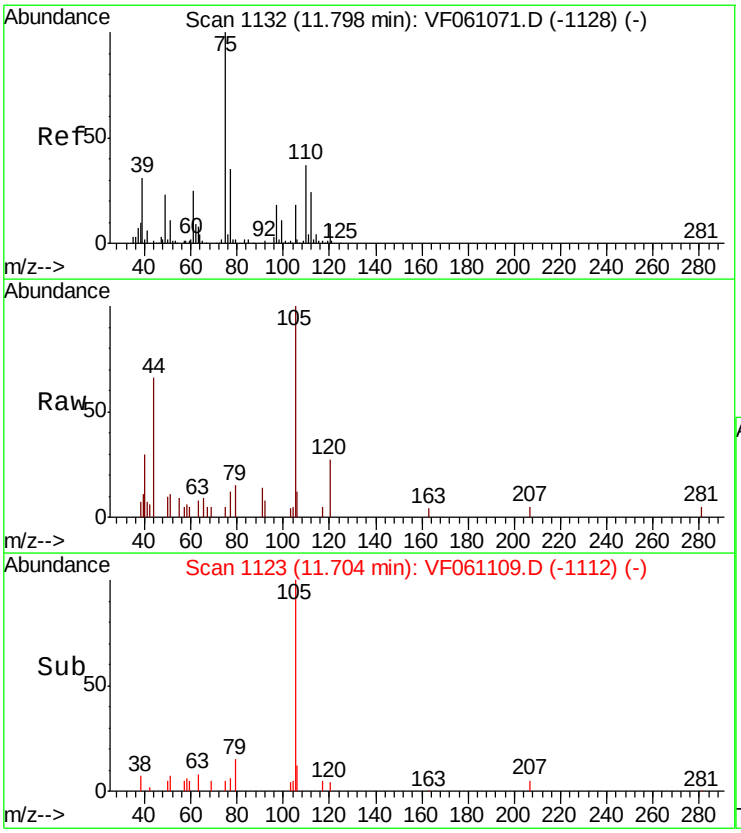
#75
1,1,2,2-Tetrachloroethane
Concen: 4.030 ug/l
RT: 11.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 63

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	33.9	101.6#

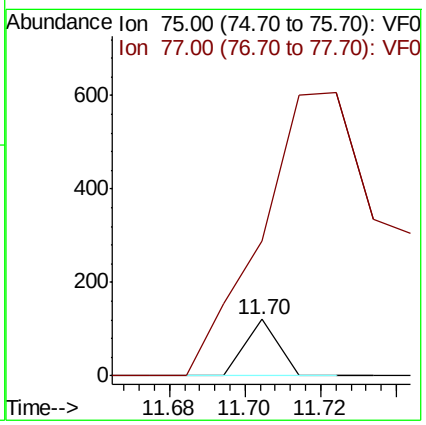


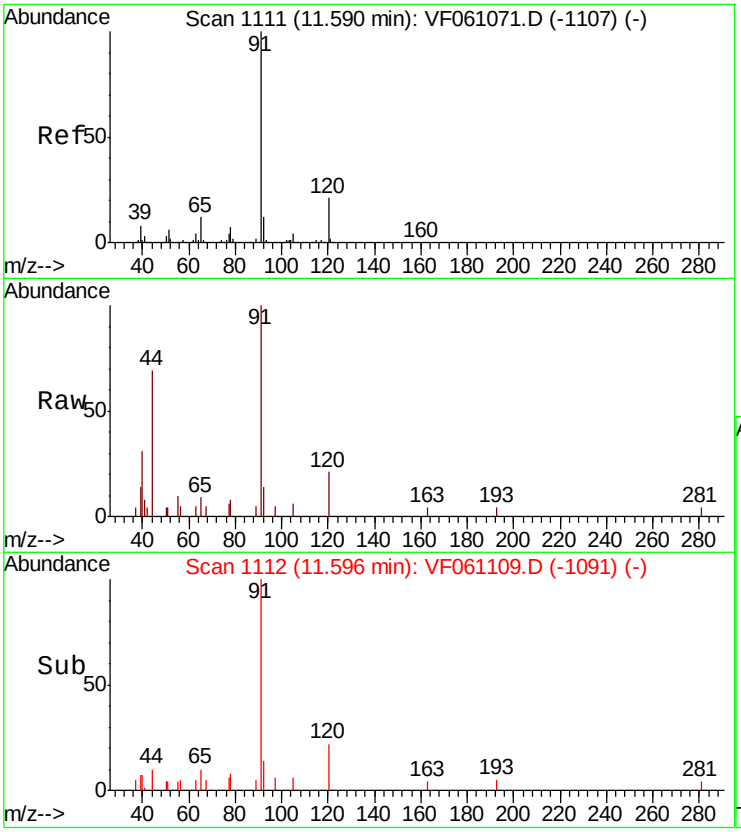


#76
1,2,3-Trichloropropane
Concen: 6.189 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. -0.09 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
77	238.8	17.6	52.9#



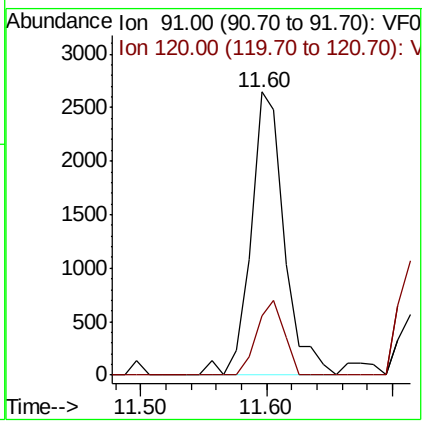


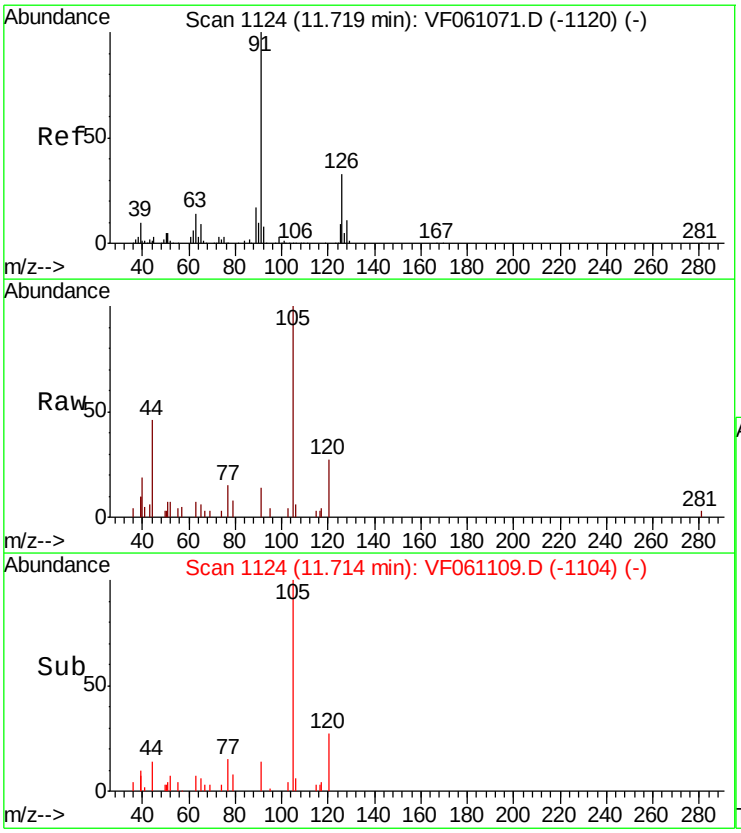
#78
n-propylbenzene
Concen: 43.892 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 4881

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.4	31.2

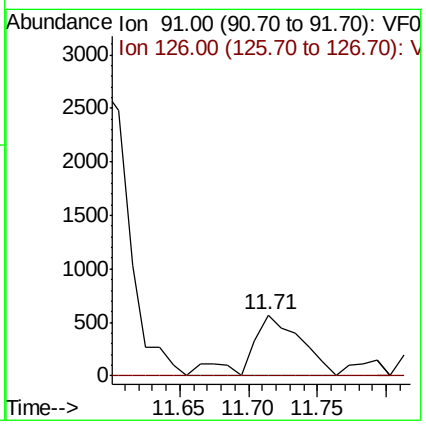


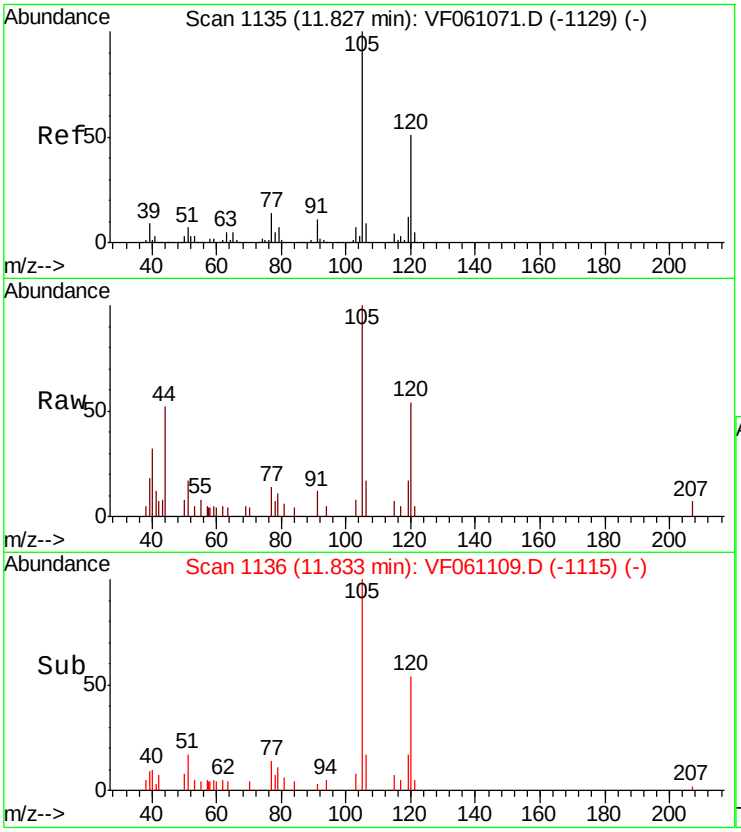


#79
2-Chlorotoluene
Concen: 22.704 ug/l
RT: 11.71 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 91 Resp: 1467

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#



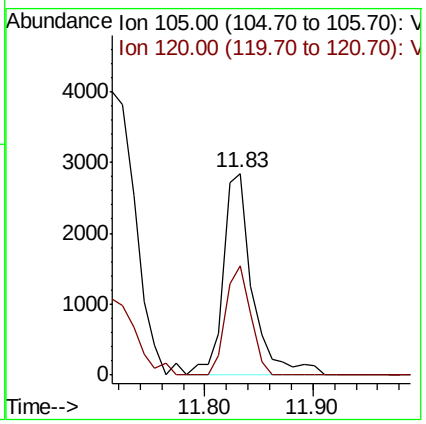


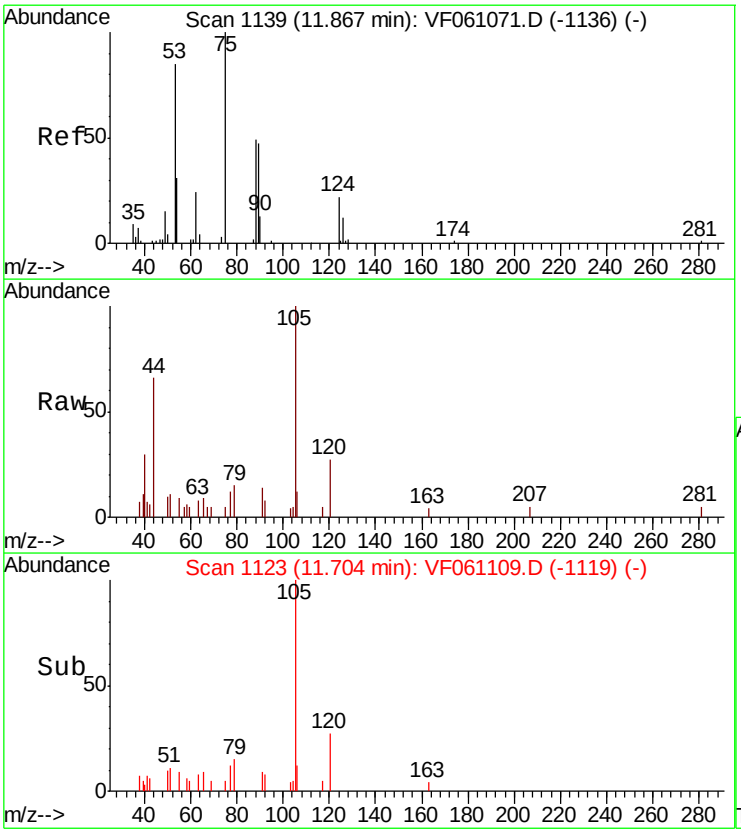
#80
1,3,5-Trimethylbenzene
Concen: 69.277 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 5373

Ion	Ratio	Lower	Upper
105	100		
120	53.9	25.4	76.4

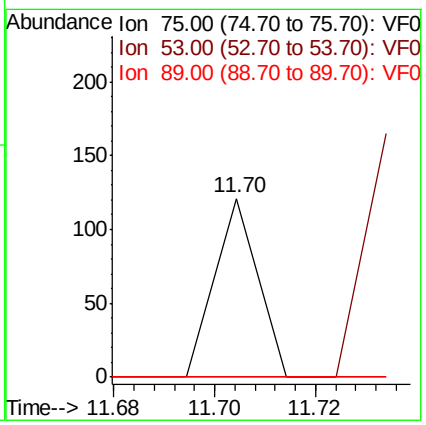


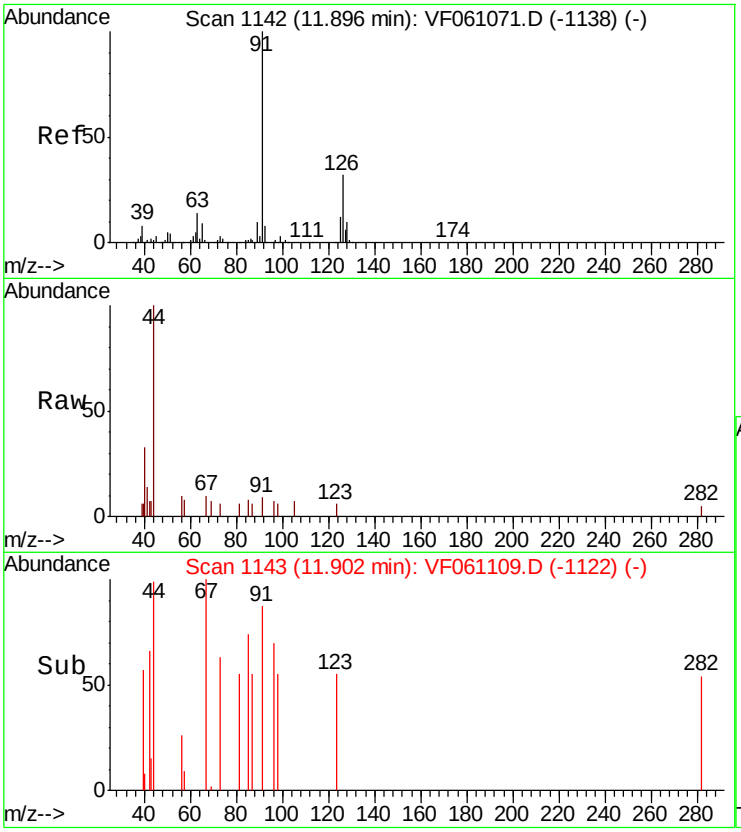


#81
trans-1,4-Dichloro-2-butene
Concen: 14.403 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. -0.16 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.1	111.1#
89	0.0	42.6	64.0#



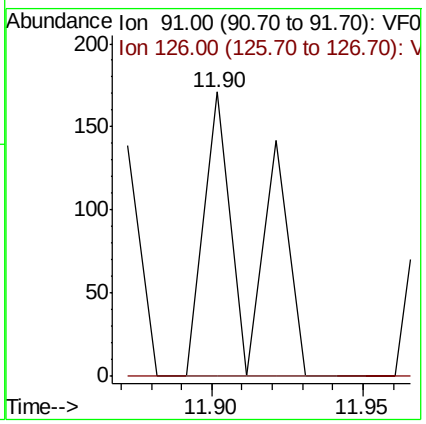


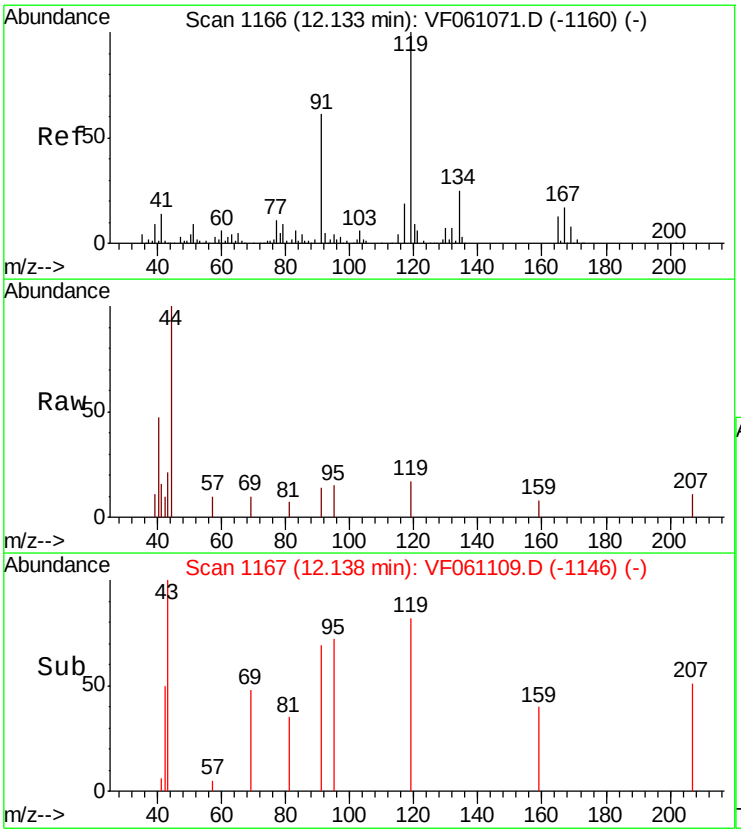
#82
4-Chlorotoluene
Concen: 2.768 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 185

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.0	47.9#

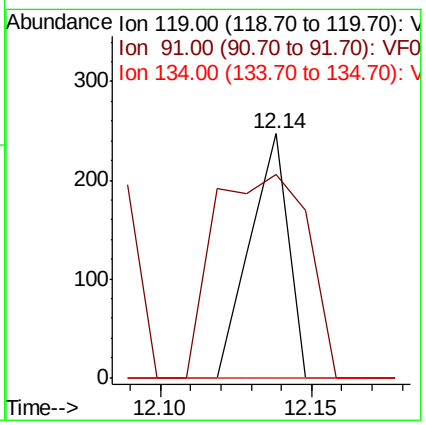


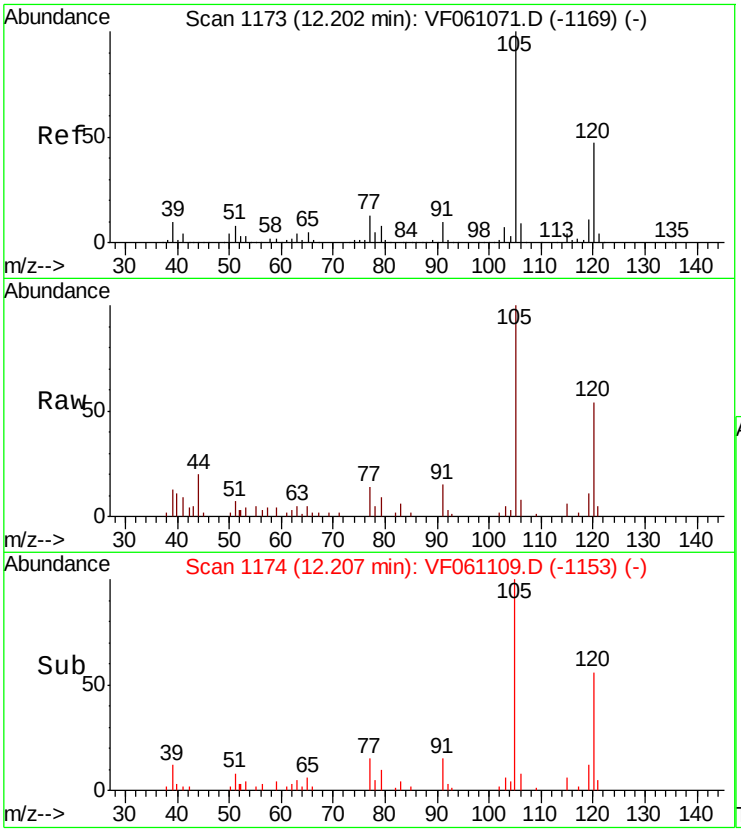


#83
tert-Butylbenzene
Concen: 2.757 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:119 Resp: 220

Ion	Ratio	Lower	Upper
119	100		
91	83.4	30.5	91.5
134	0.0	12.4	37.4#



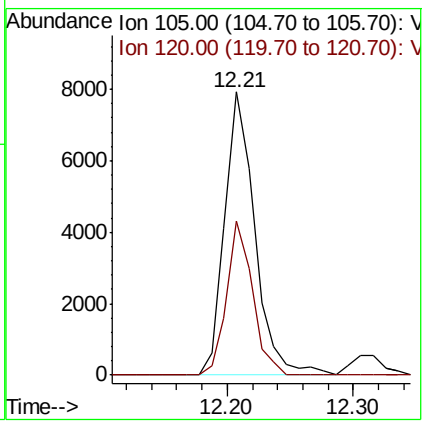


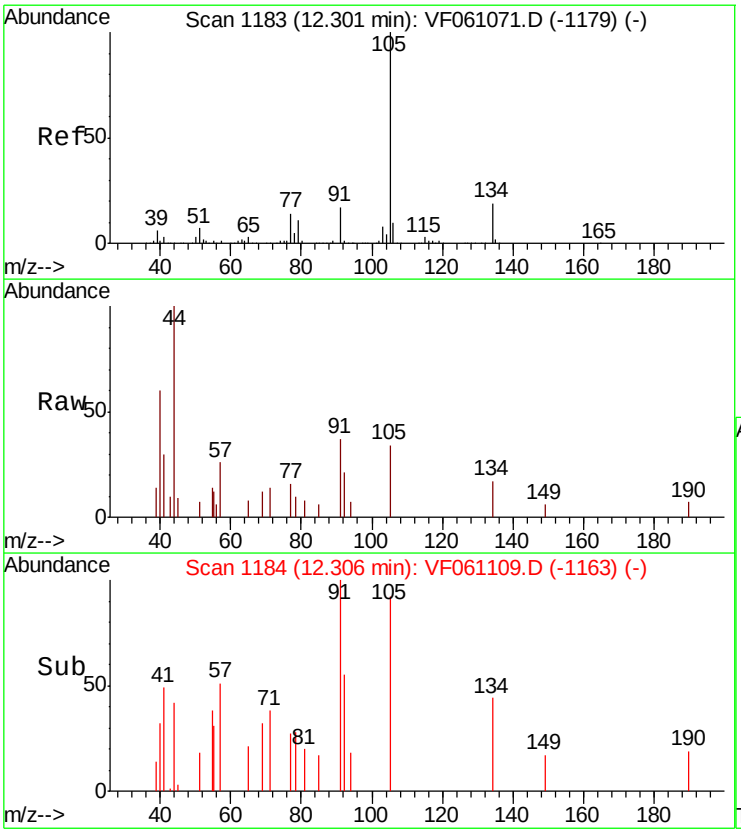
#84
1,2,4-Trimethylbenzene
Concen: 169.080 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 13077

Ion	Ratio	Lower	Upper
105	100		
120	54.5	23.6	71.0

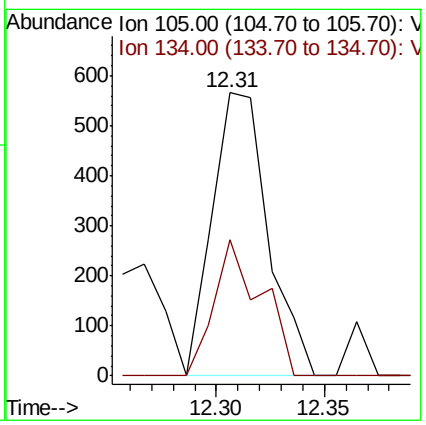


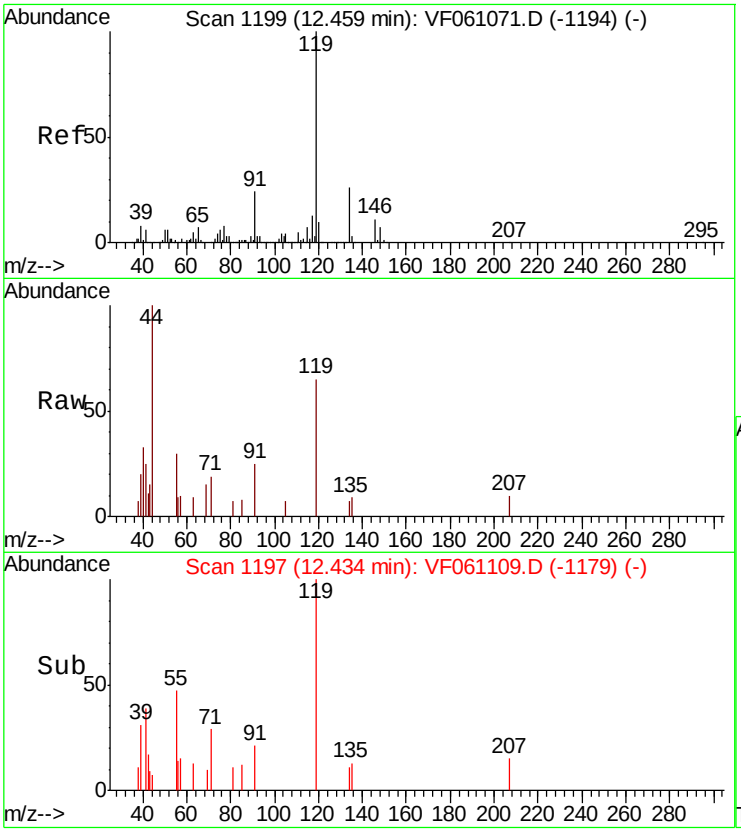


#85
sec-Butylbenzene
Concen: 9.755 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:105 Resp: 1016

Ion	Ratio	Lower	Upper
105	100		
134	48.2	9.4	28.2#



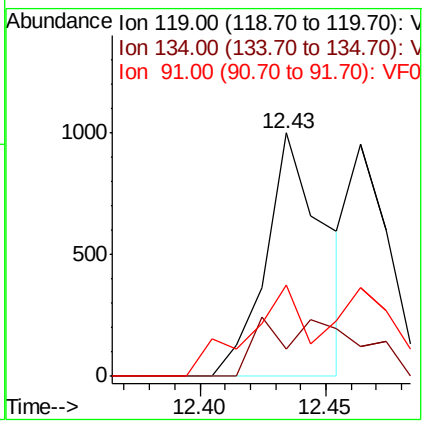


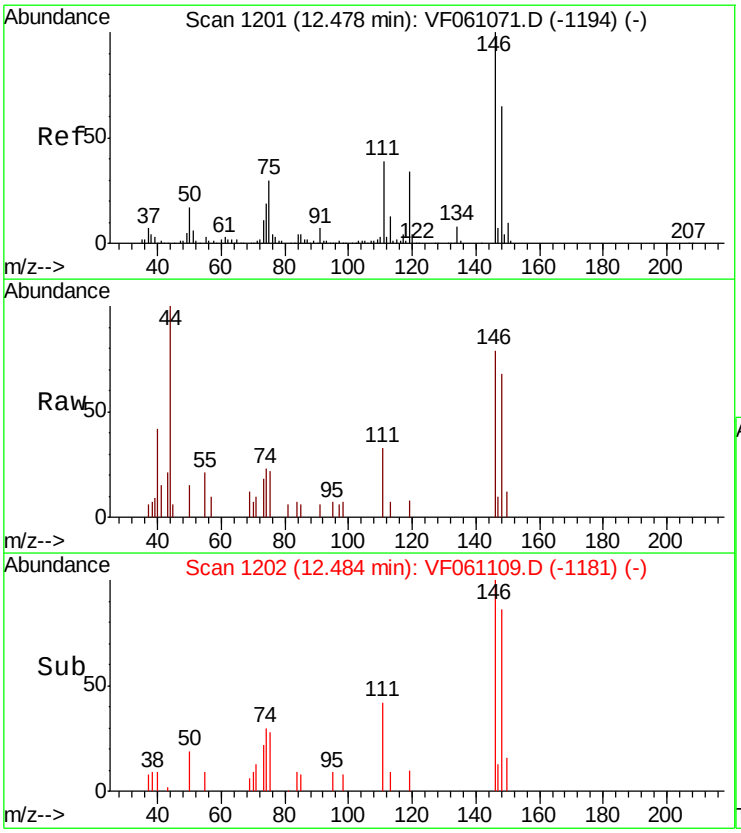
#86
p-Isopropyltoluene
Concen: 18.832 ug/l
RT: 12.43 min Scan# 1197
Delta R.T. -0.02 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 1628

Ion	Ratio	Lower	Upper
119	100		
134	11.2	12.8	38.4#
91	37.5	12.2	36.6#

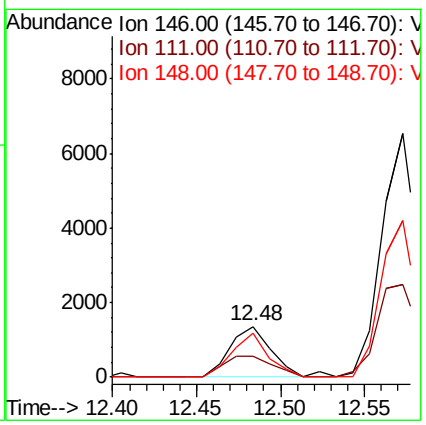


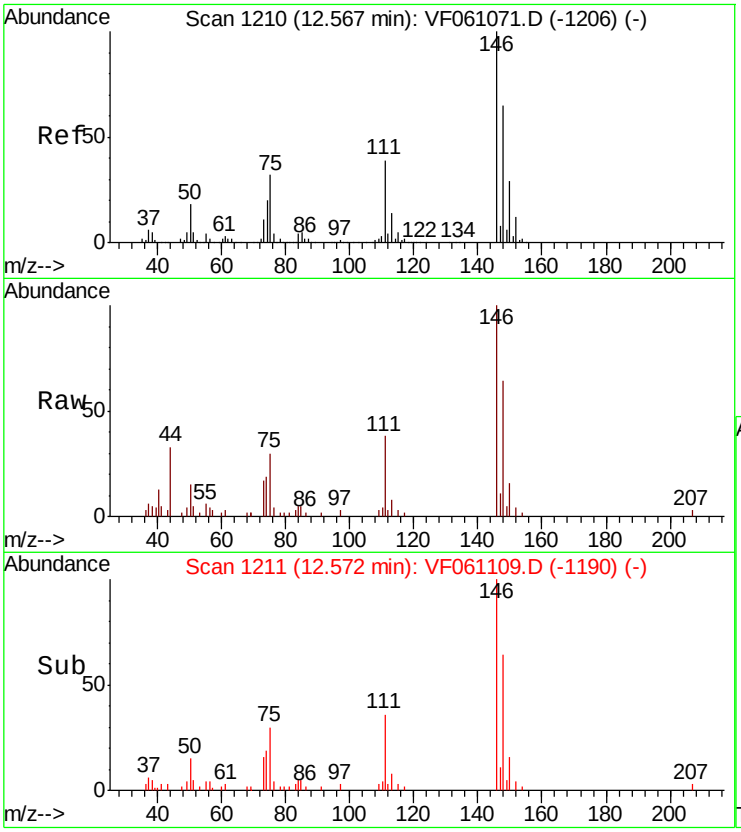


#87
1,3-Dichlorobenzene
Concen: 74.163 ug/l
RT: 12.48 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:146 Resp: 2368

Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.3	57.9
148	86.4	32.4	97.2



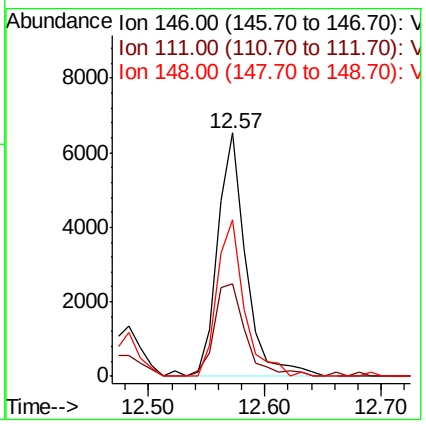


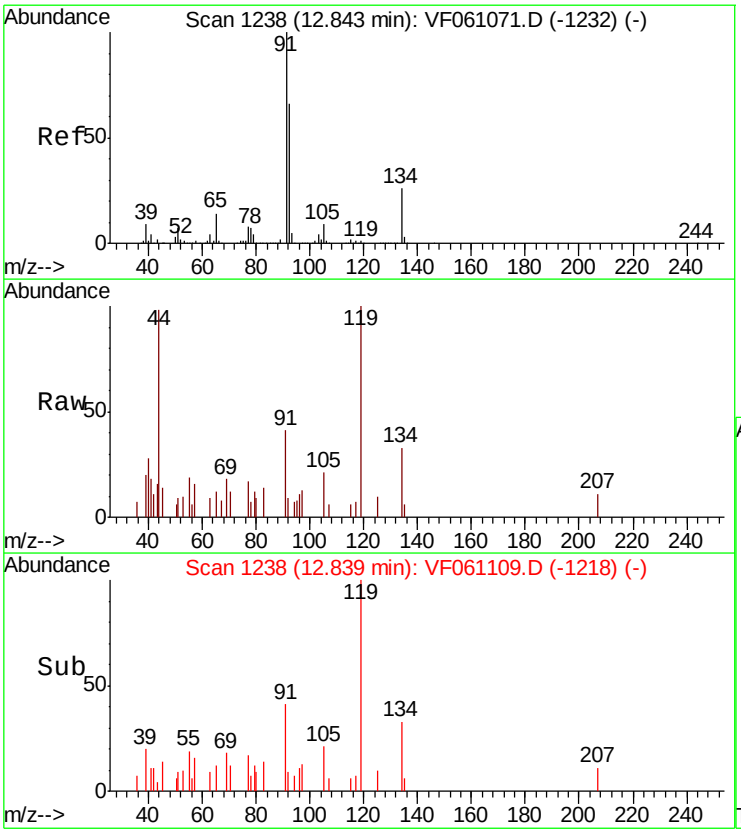
#88
1,4-Dichlorobenzene
Concen: 294.617 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 10969

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.4
148	64.4	32.4	97.0

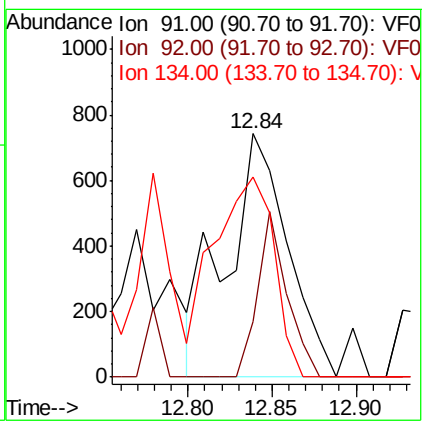


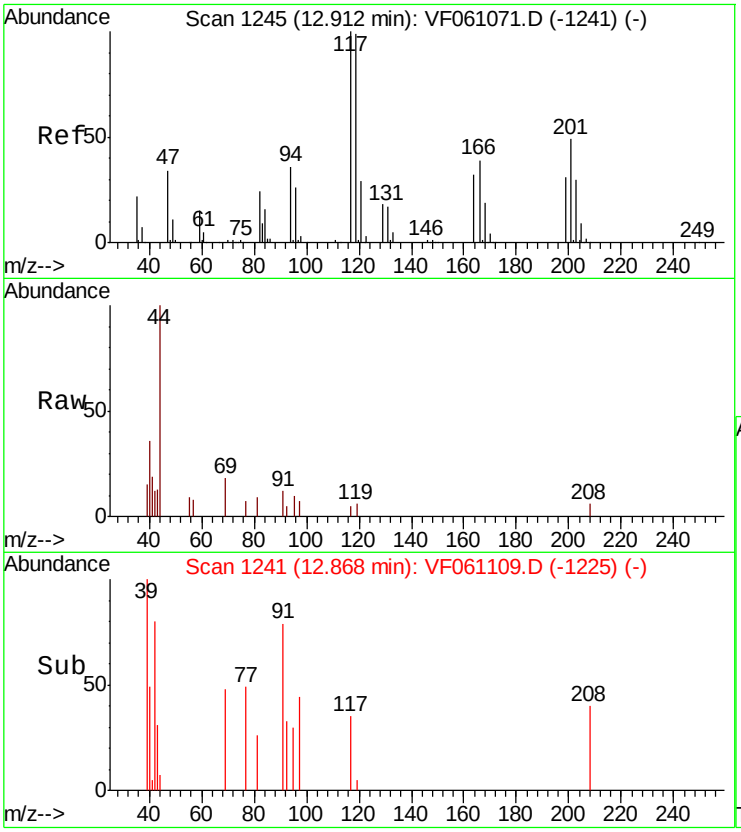


#89
n-Butylbenzene
Concen: 19.098 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 91 Resp: 1898

Ion	Ratio	Lower	Upper
91	100		
92	23.0	32.8	98.4#
134	82.4	13.2	39.5#



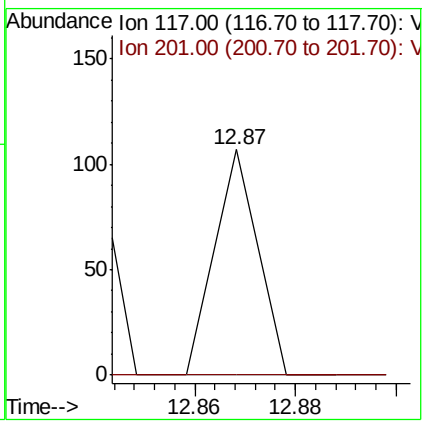


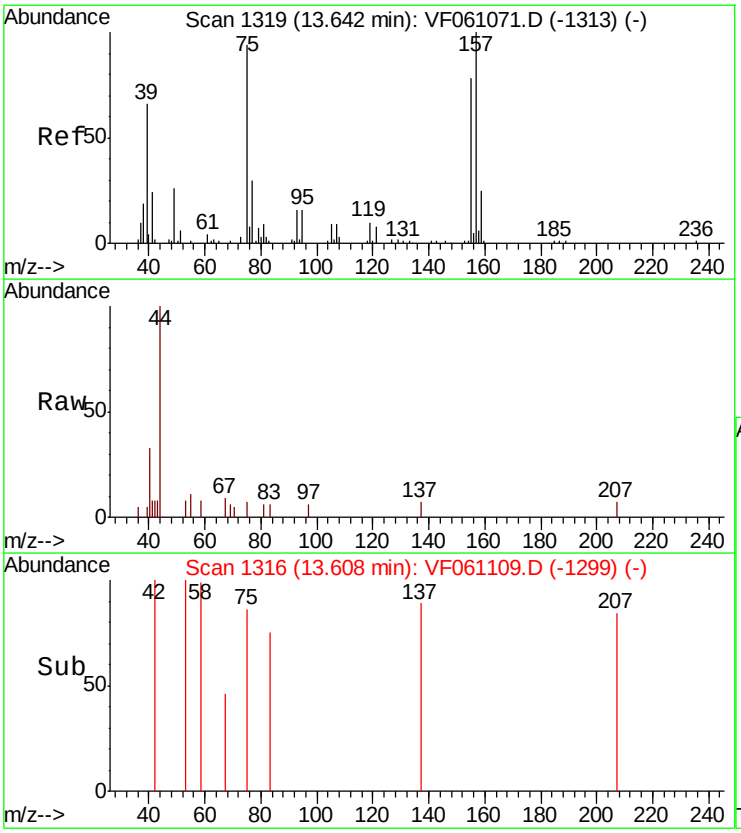
#90
Hexachloroethane
Concen: 2.950 ug/l
RT: 12.87 min Scan# 1241
Delta R.T. -0.04 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 63

Ion	Ratio	Lower	Upper
117	100		
201	0.0	24.9	74.8#

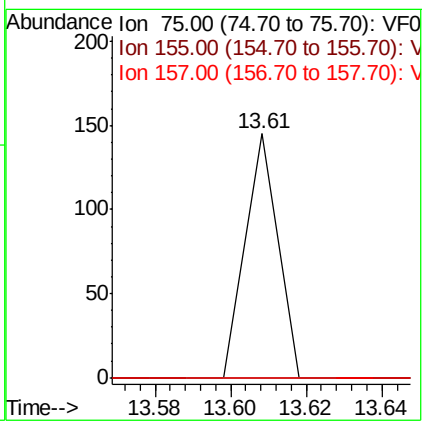


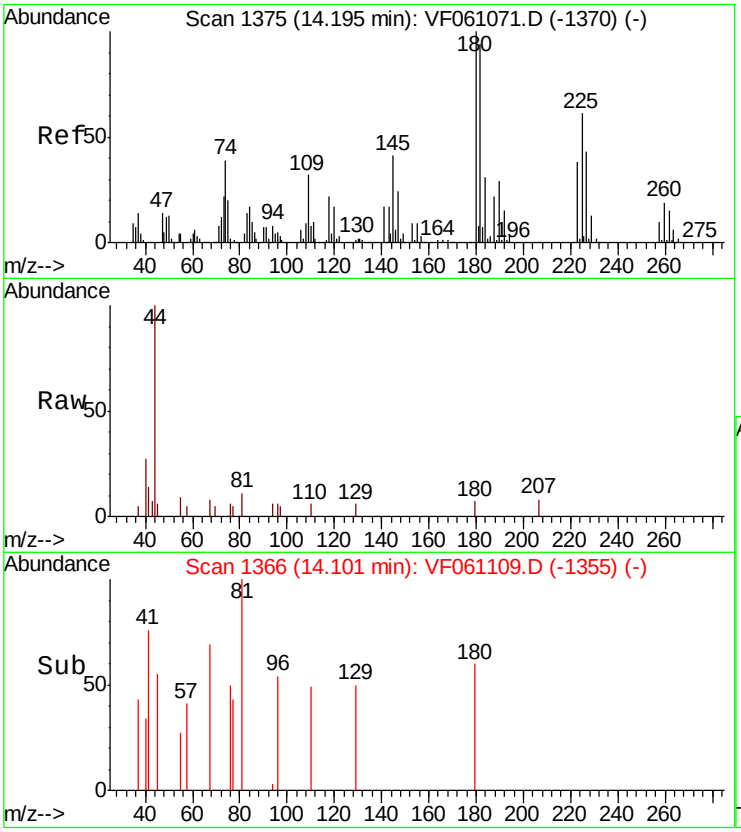


#92
1,2-Dibromo-3-Chloropropane
Concen: 29.980 ug/l
RT: 13.61 min Scan# 1316
Delta R.T. -0.03 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion: 75 Resp: 86

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.5	124.5#
157	0.0	53.2	159.6#



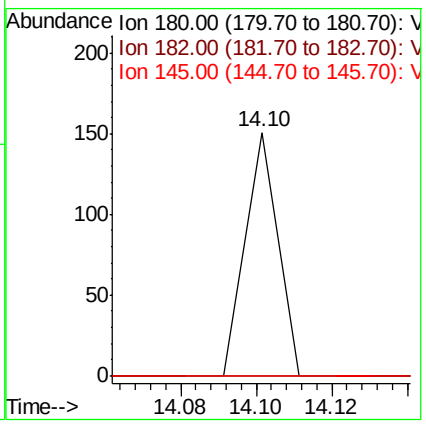


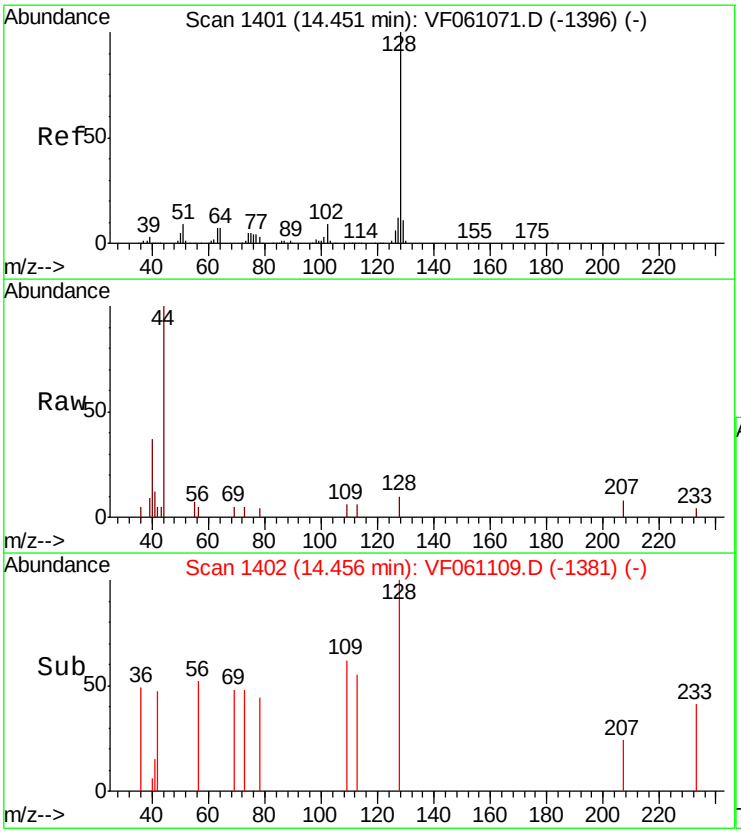
#93
1,2,4-Trichlorobenzene
Concen: 3.462 ug/l
RT: 14.10 min Scan# 1366
Delta R.T. -0.09 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 89

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.9	140.6#
145	0.0	20.5	61.6#





#95
Naphthalene
Concen: 4.580 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061109.D
Acq: 20 Dec 2018 15:45

Tgt Ion:128 Resp: 215

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.4	14.2#
129	0.0	8.8	13.2#