Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061131.D
Acq On : 21 Dec 2018 17:41
Operator : VA/AP
Sample : J6377-09RE
Misc : 3.84g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD003-0006-01RE

Quant Time: Dec 21 23:46:52 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	4.91	168	25121	50.00	ug/l		0.04
34) 1,4-Difluorobenzene	5.63	114	37342	50.00	ug/l		0.04
63) Chlorobenzene-d5	9.82	117	20601	50.00	ug/l		0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	4476	50.00	ug/l		0.03
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.89	65	8343	25.82	ug/l		0.05
Spiked Amount 50.000			Recovery = 51.64%				
35) Dibromofluoromethane	4.14	113	9653	32.27	ug/l		0.03
Spiked Amount 50.000			Recovery = 64.54%				
50) Toluene-d8	7.59	98	26122	30.82	ug/l		0.03
Spiked Amount 50.000			Recovery = 61.64%				
62) 4-Bromofluorobenzene	11.50	95	378	0.97	ug/l		0.09
Spiked Amount 50.000			Recovery = 1.94%				
Target Compounds							Qvalue
3) Chloromethane	1.12	50	562	1.757	ug/l	#	42
5) Bromomethane	1.32	94	414	2.012	ug/l	#	3
8) Diethyl Ether	1.63	74	156	2.011	ug/l		61
11) Tert butyl alcohol	2.69	59	70	5.369	ug/l	#	1
13) Acrolein	2.01	56	12312	1306.804	ug/l	#	35
14) Allyl chloride	2.19	41	132416	574.609	ug/l	#	27
15) Acrylonitrile	2.96	53	10545	349.753	ug/l	#	39
16) Acetone	2.19	43	42139	652.396	ug/l		100
18) Methyl Acetate	2.40	43	157556	1179.017	ug/l	#	67
20) Methylene Chloride	2.27	84	1194	1.421	ug/l	#	6
22) Diisopropyl ether	2.81	45	1001	1.304	ug/l	#	5
23) Vinyl Acetate	3.23	43	810	2.287	ug/l	#	78
25) 2-Butanone	4.38	43	5361	51.177	ug/l	#	57
29) Tetrahydrofuran	4.14	42	819	19.209	ug/l	#	37
31) Cyclohexane	3.73	56	10749	22.776	ug/l	#	82
37) Ethyl Acetate	4.15	43	1033	4.960	ug/l	#	9
39) Methylcyclohexane	5.49	83	60676	150.048	ug/l		97
40) Benzene	4.66	78	2417	2.493	ug/l	#	74
41) Methacrylonitrile	4.83	41	457	4.801	ug/l	#	73
43) Isopropyl Acetate	7.05	43	1247	5.730	ug/l	#	45
48) Methyl methacrylate	6.74	41	265	1.744	ug/l	#	74
51) 4-Methyl-2-Pentanone	8.25	43	414	2.774	ug/l		95
52) Toluene	7.67	92	1469	2.289	ug/l		89
56) Ethyl methacrylate	8.66	69	1594	7.658	ug/l	#	77
59) 2-Hexanone	9.55	43	961	8.903	ug/l	#	27
65) Chlorobenzene	9.84	112	5683	13.353	ug/l		94
68) m/p-Xylenes	10.17	106	33896	124.224	ug/l		97
69) o-Xylene	10.75	106	776	2.564	ug/l		34
73) Isopropylbenzene	11.16	105	3678	9.535	ug/l	#	68
74) N-amyl acetate	11.36	43	332	3.877	ug/l	#	67
75) 1,1,2,2-Tetrachloroethane	11.69	83	683	10.669	ug/l	#	23
76) 1,2,3-Trichloropropane	11.80	75	81	1.700	ug/l	#	39
78) n-propylbenzene	11.62	91	8827	17.441	ug/l		97
79) 2-Chlorotoluene	11.74	91	2061	7.789	ug/l	#	42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061131.D
Acq On : 21 Dec 2018 17:41
Operator : VA/AP
Sample : J6377-09RE
Misc : 3.84g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD003-0006-01RE

Quant Time: Dec 21 23:46:52 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)
80) 1,3,5-Trimethylbenzene	11.85	105	8701	27.395	ug/l		90
81) trans-1,4-Dichloro-2-buten	11.85	75	65	3.175	ug/l	#	1
82) 4-Chlorotoluene	11.85	91	956	3.493	ug/l	#	43
84) 1,2,4-Trimethylbenzene	12.23	105	22368	70.622	ug/l		98
85) sec-Butylbenzene	12.33	105	1326	3.109	ug/l		90
86) p-Isopropyltoluene	12.49	119	1374	3.881	ug/l		90
87) 1,3-Dichlorobenzene	12.50	146	7420	55.331	ug/l		93
88) 1,4-Dichlorobenzene	12.59	146	28017	183.756	ug/l		97
89) n-Butylbenzene	12.86	91	1786	4.376	ug/l		73
90) Hexachloroethane	12.85	117	227	2.595	ug/l	#	27
92) 1,2-Dibromo-3-Chloropropan	13.65	75	65	5.533	ug/l	#	2
93) 1,2,4-Trichlorobenzene	14.22	180	163	1.548	ug/l	#	12
95) Naphthalene	14.48	128	660	3.433	ug/l	#	51

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

Quantitation Report (Not Reviewed)

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Sample : J6377-09RE
Misc : 3.84g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SD003-0006-01RE

Quant Time: Dec 21 23:46:52 2018
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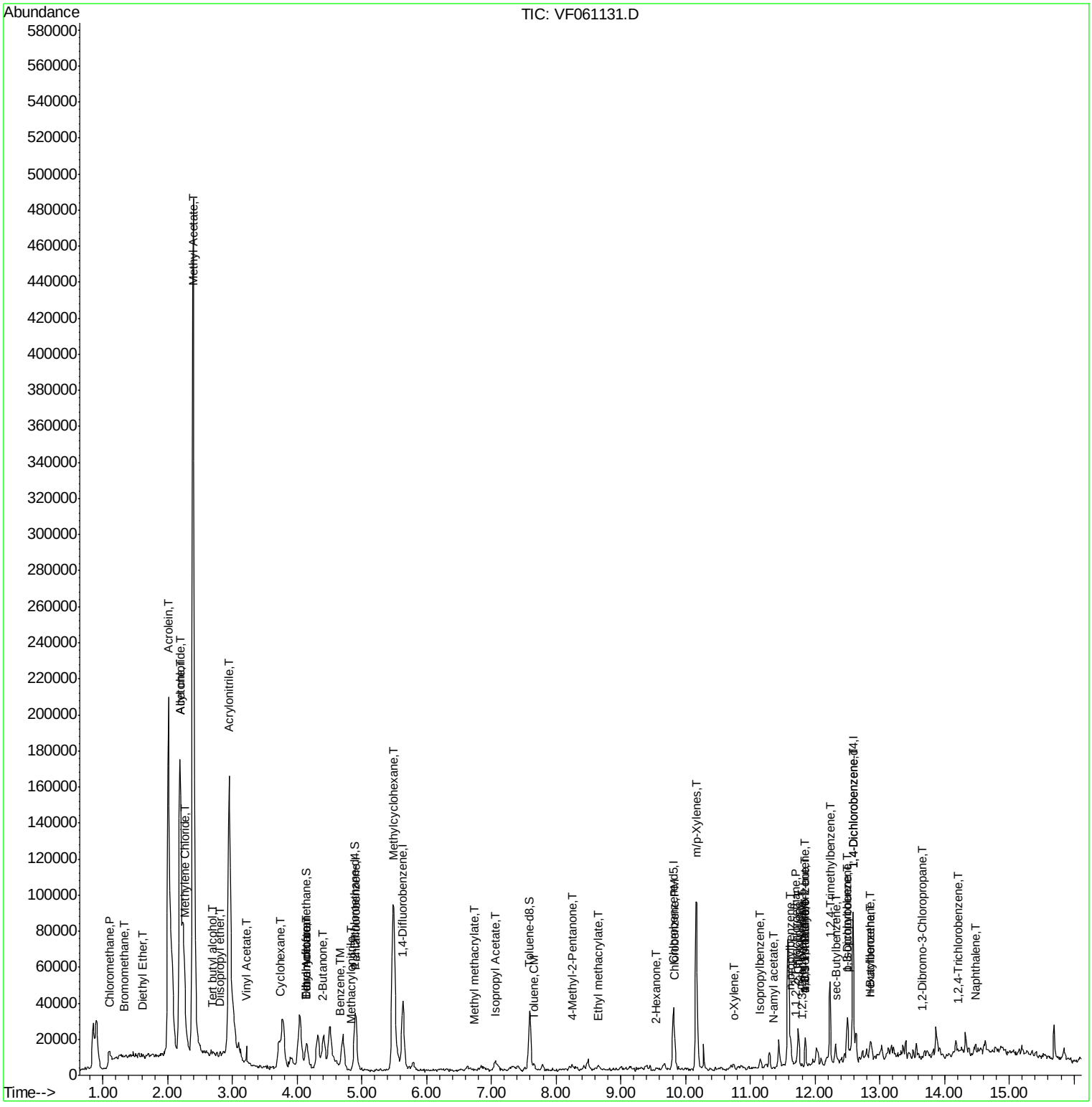
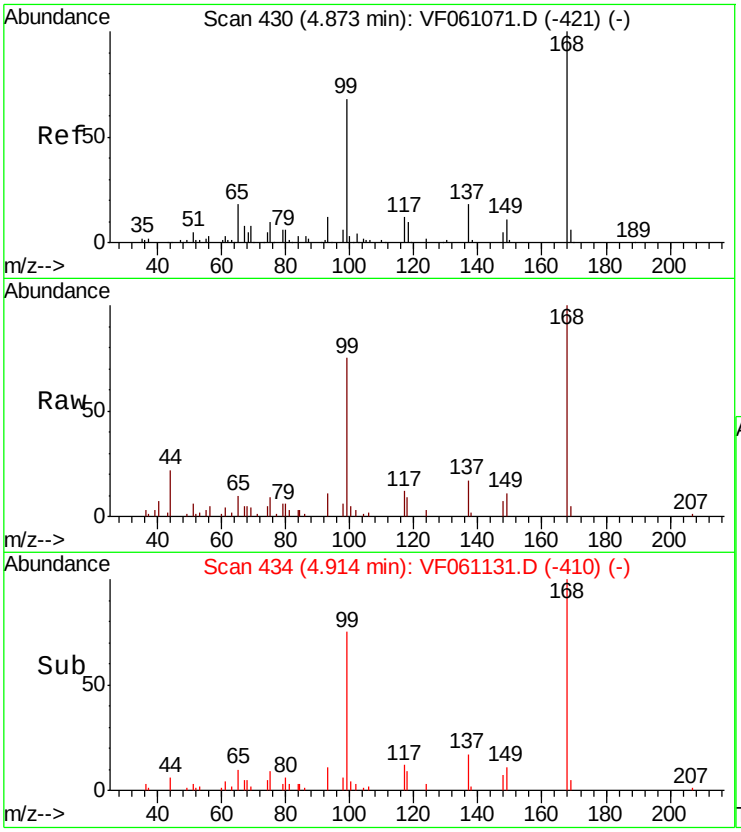
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



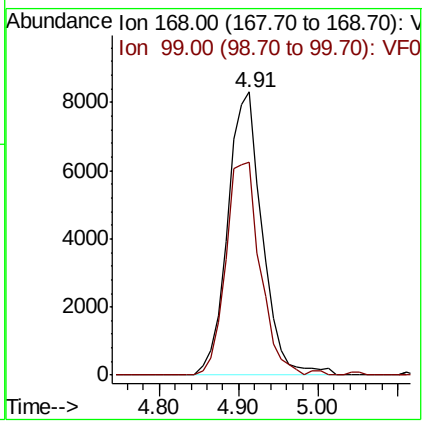


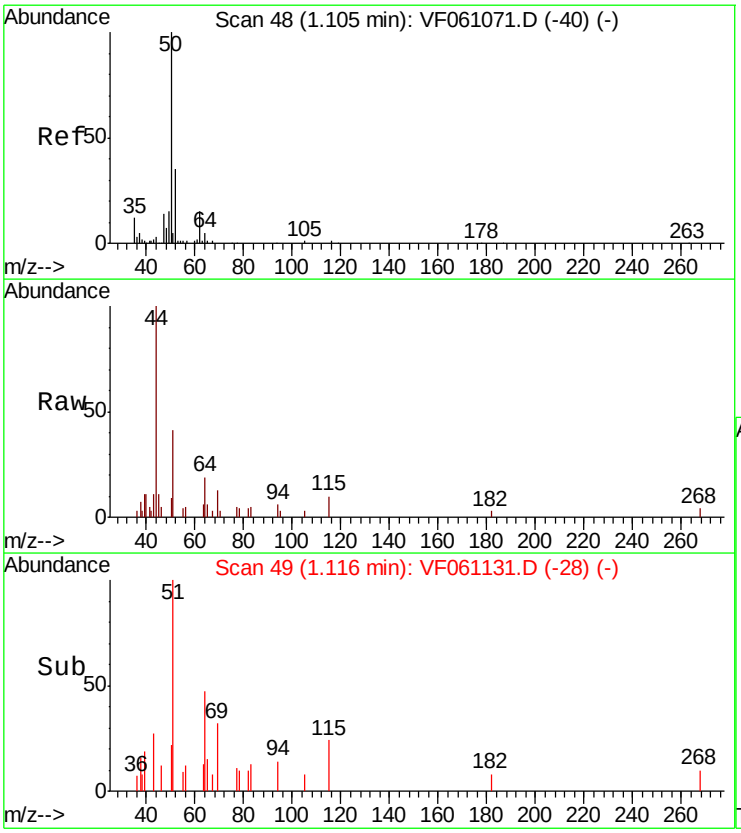
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:168 Resp: 25121

Ion	Ratio	Lower	Upper
168	100		
99	75.1	54.4	81.6

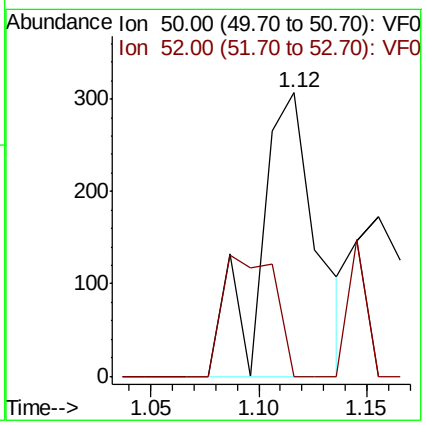


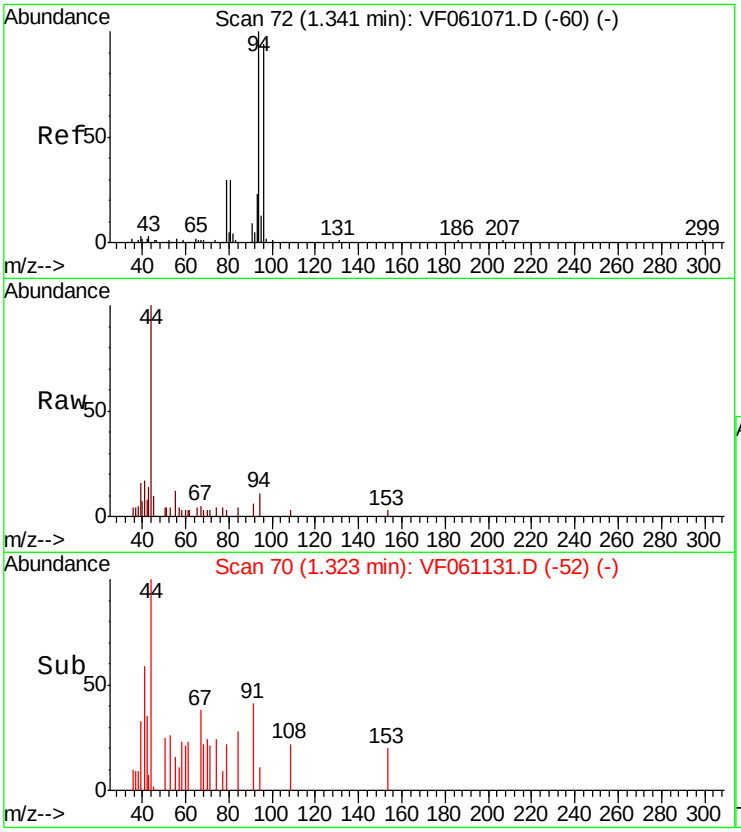


#3
Chloromethane
Concen: 1.757 ug/l
RT: 1.12 min Scan# 49
Delta R.T. 0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 50 Resp: 562

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



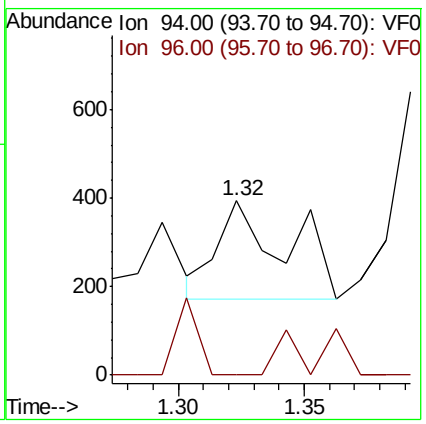


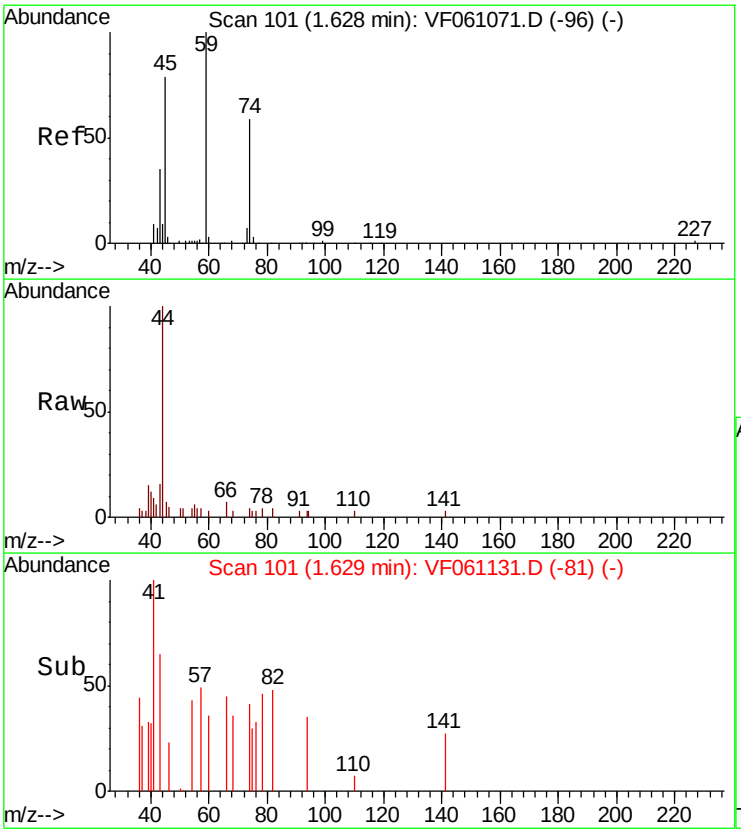
#5
Bromomethane
Concen: 2.012 ug/l
RT: 1.32 min Scan# 70
Delta R.T. -0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 94 Resp: 414

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.4	111.6#

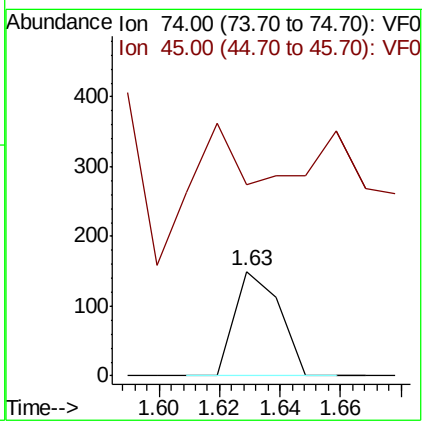


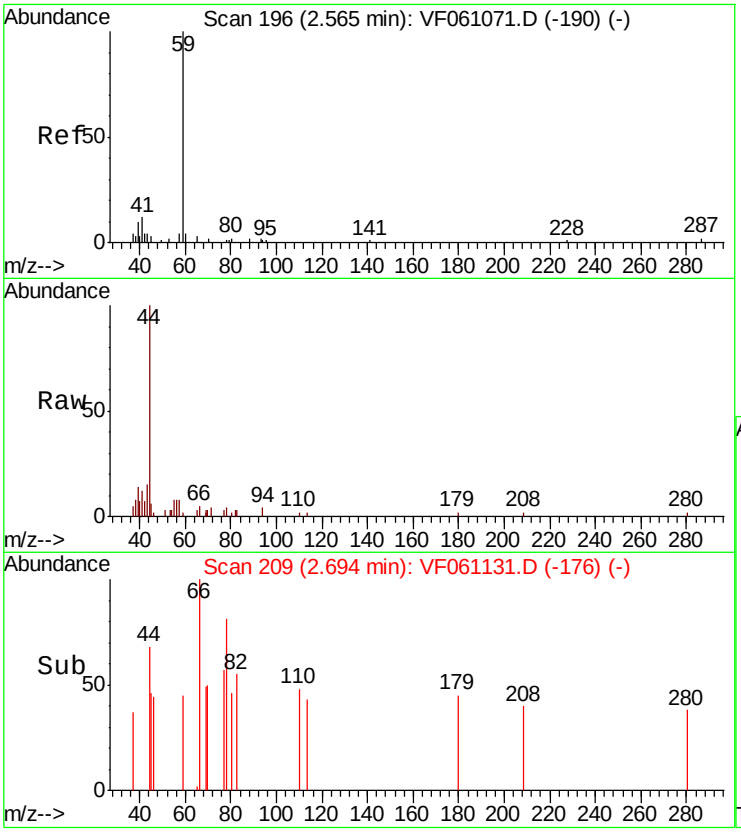


#8
Diethyl Ether
Concen: 2.011 ug/l
RT: 1.63 min Scan# 101
Delta R.T. 0.00 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 74 Resp: 156

Ion	Ratio	Lower	Upper
74	100		
45	182.7	67.8	203.4



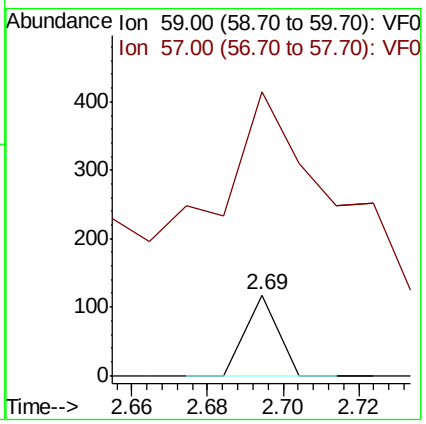


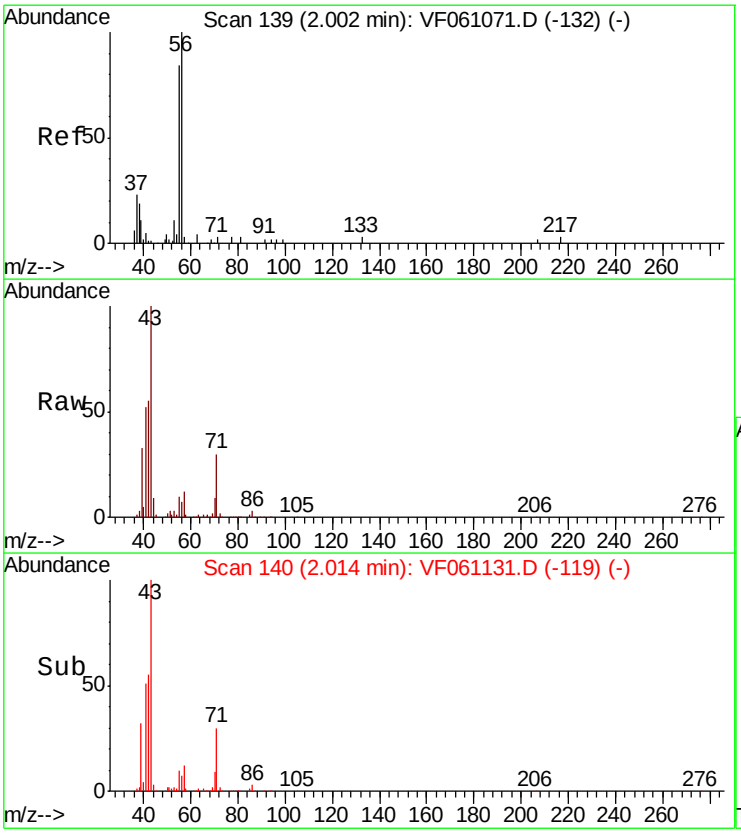
#11
Tert butyl alcohol
Concen: 5.369 ug/l
RT: 2.69 min Scan# 209
Delta R.T. 0.13 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument : MSVOA_F
ClientSampleId : P001-SD003-0006-01RE

Tgt Ion: 59 Resp: 70

Ion	Ratio	Lower	Upper
59	100		
57	350.8	11.5	17.3#

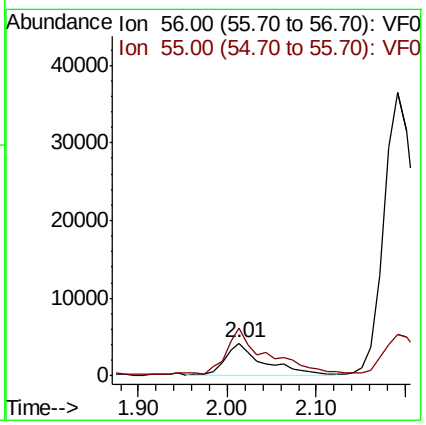


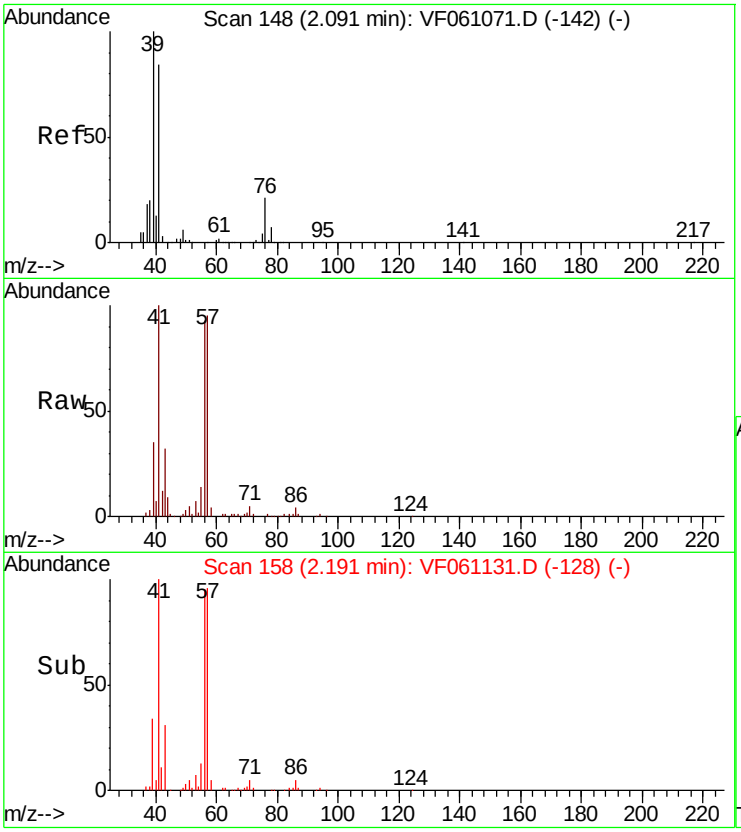


#13
Acrolein
Concen: 1306.804 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 56 Resp: 12312

Ion	Ratio	Lower	Upper
56	100		
55	147.9	70.2	105.2#



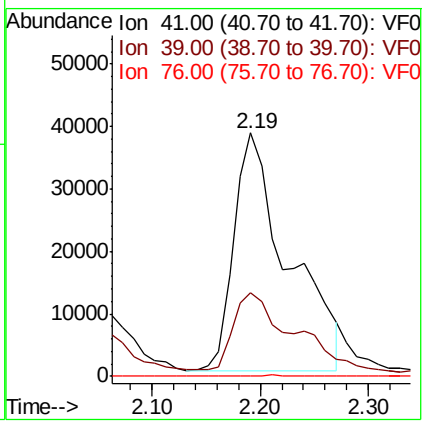


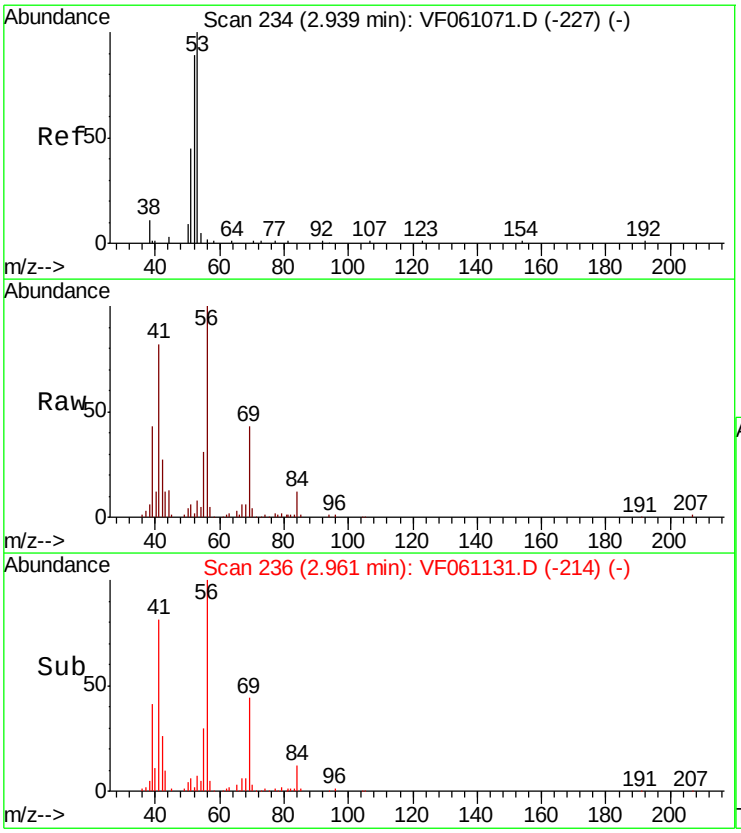
#14
Allyl chloride
Concen: 574.609 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.10 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 41 Resp: 132416

Ion	Ratio	Lower	Upper
41	100		
39	34.5	96.4	144.6#
76	0.0	25.4	38.0#

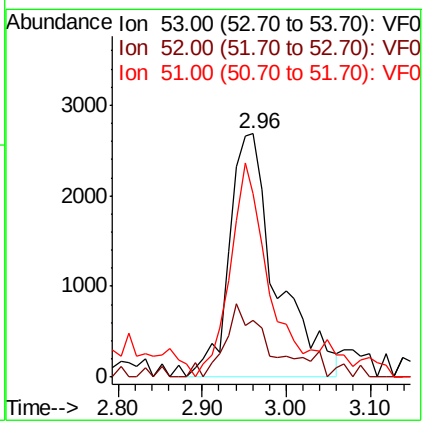


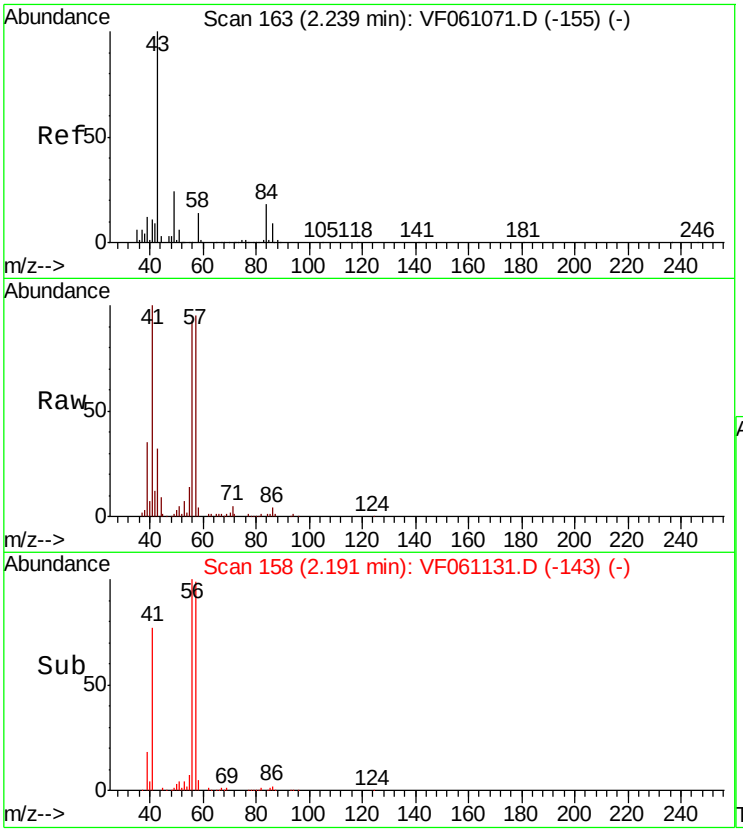


#15
Acrylonitrile
Concen: 349.753 ug/l
RT: 2.96 min Scan# 236
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 53 Resp: 10545

Ion	Ratio	Lower	Upper
53	100		
52	23.5	71.3	106.9#
51	75.1	36.8	55.2#



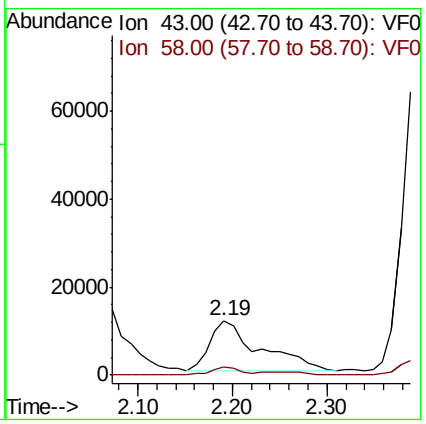


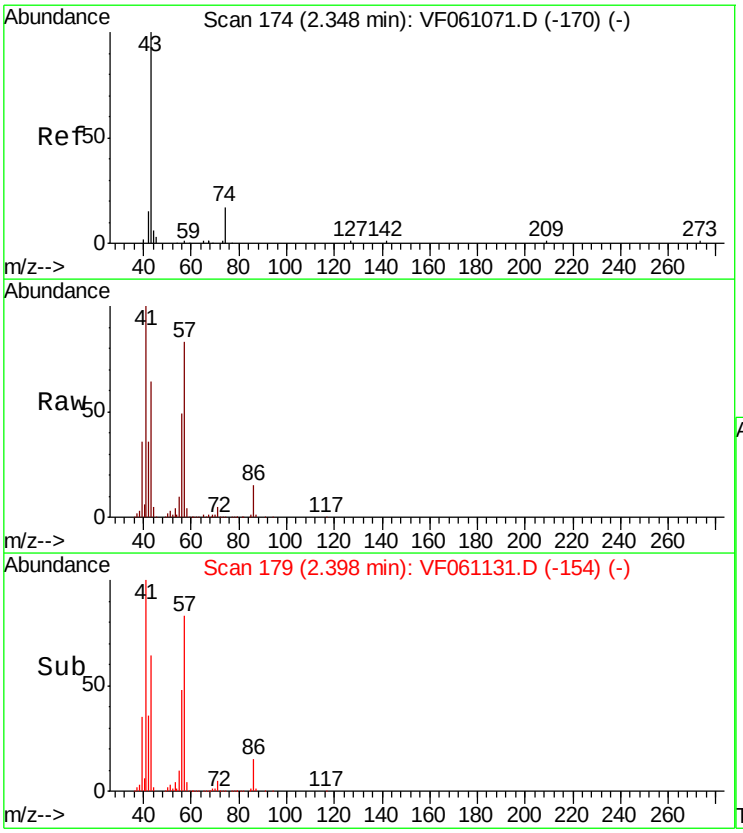
#16
Acetone
Concen: 652.396 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 43 Resp: 42139

Ion	Ratio	Lower	Upper
43	100		
58	14.1	11.1	16.7

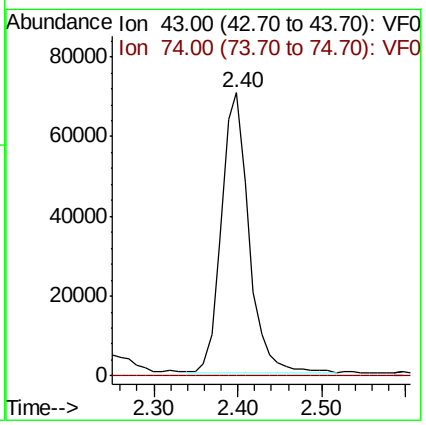


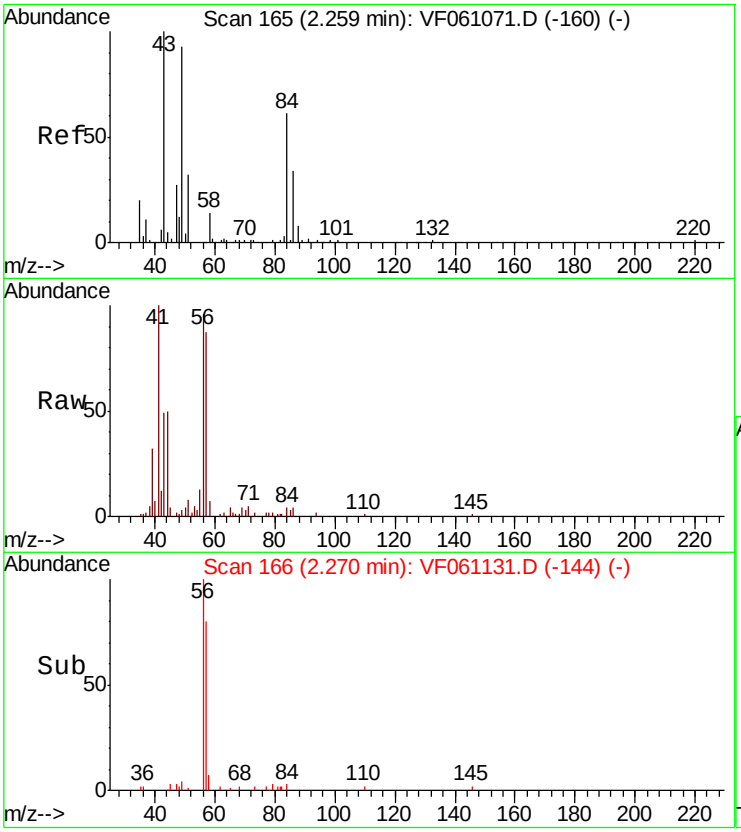


#18
Methyl Acetate
Concen: 1179.017 ug/l
RT: 2.40 min Scan# 179
Delta R.T. 0.05 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 43 Resp: 157556

Ion	Ratio	Lower	Upper
43	100		
74	0.4	11.0	16.6#



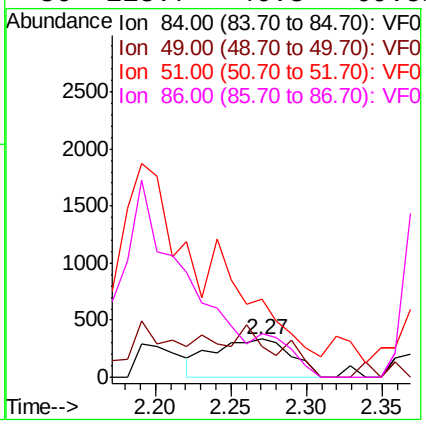


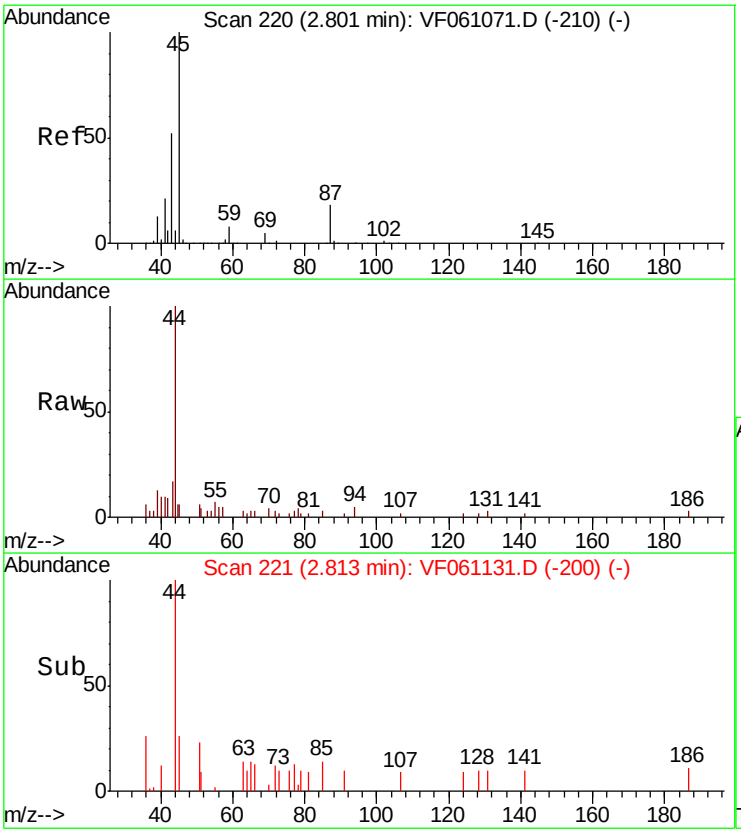
#20
Methylene Chloride
Concen: 1.421 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 84 Resp: 1194

Ion	Ratio	Lower	Upper
84	100		
49	80.3	129.4	194.2#
51	205.1	44.0	66.0#
86	113.7	46.3	69.5#

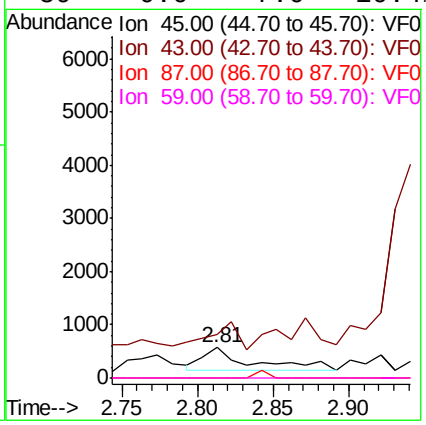


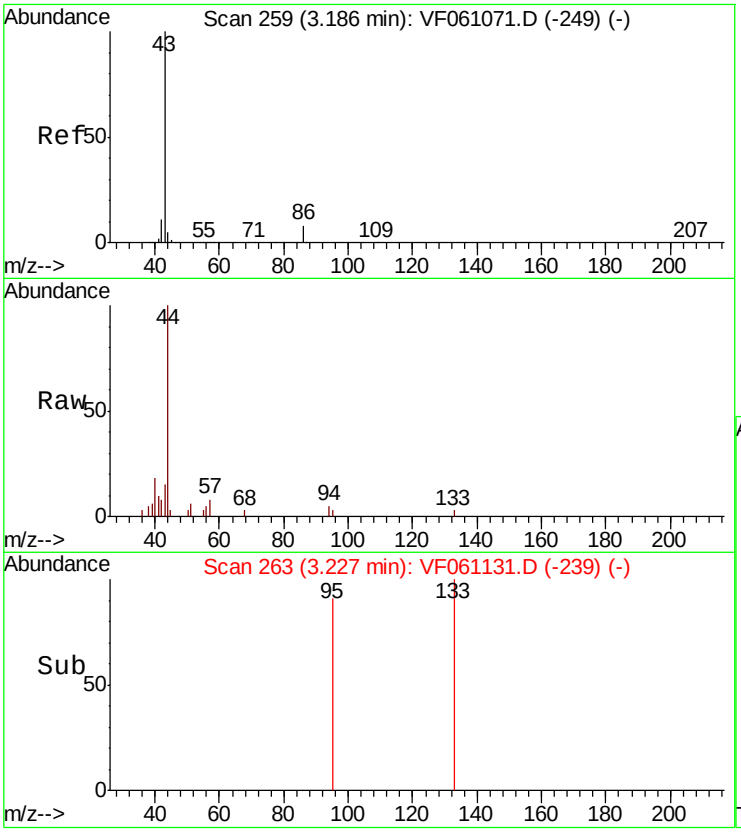


#22
Diisopropyl ether
Concen: 1.304 ug/l
RT: 2.81 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 45 Resp: 1001

Ion	Ratio	Lower	Upper
45	100		
43	141.4	42.2	63.2#
87	0.0	14.6	22.0#
59	0.0	7.0	10.4#



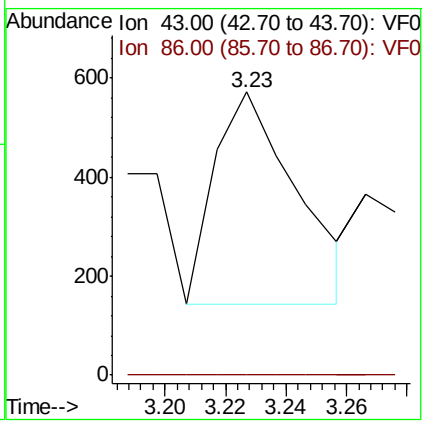


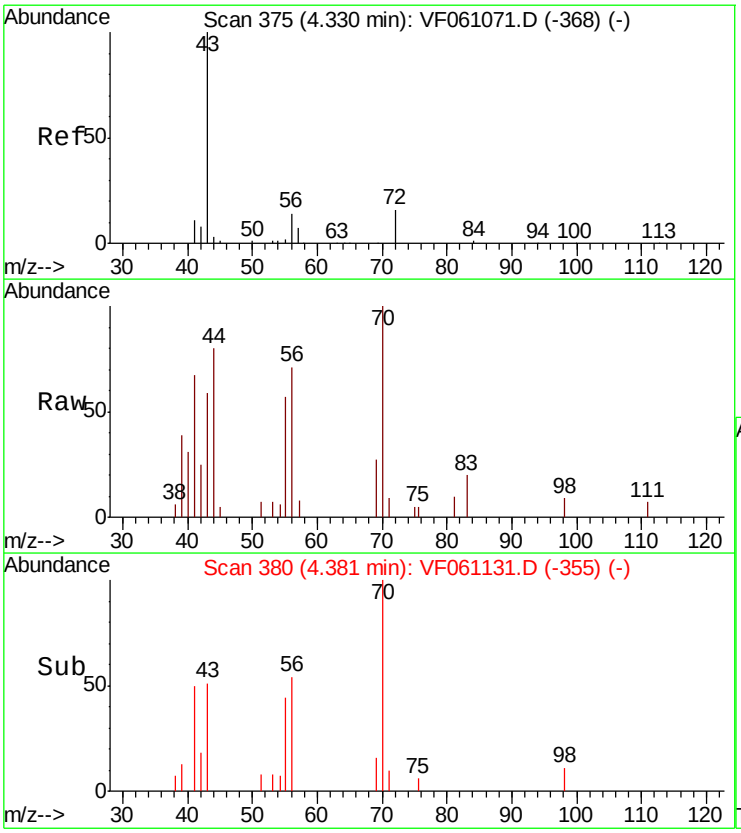
#23
Vinyl Acetate
Concen: 2.287 ug/l
RT: 3.23 min Scan# 263
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 43 Resp: 810

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.3	9.5#

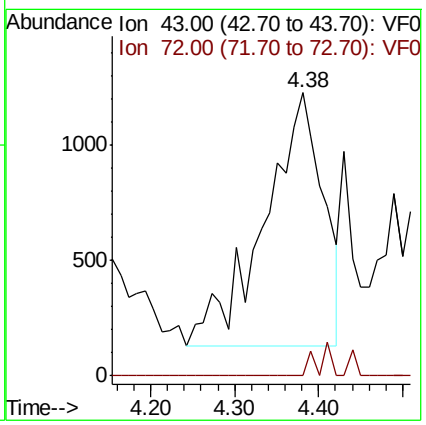


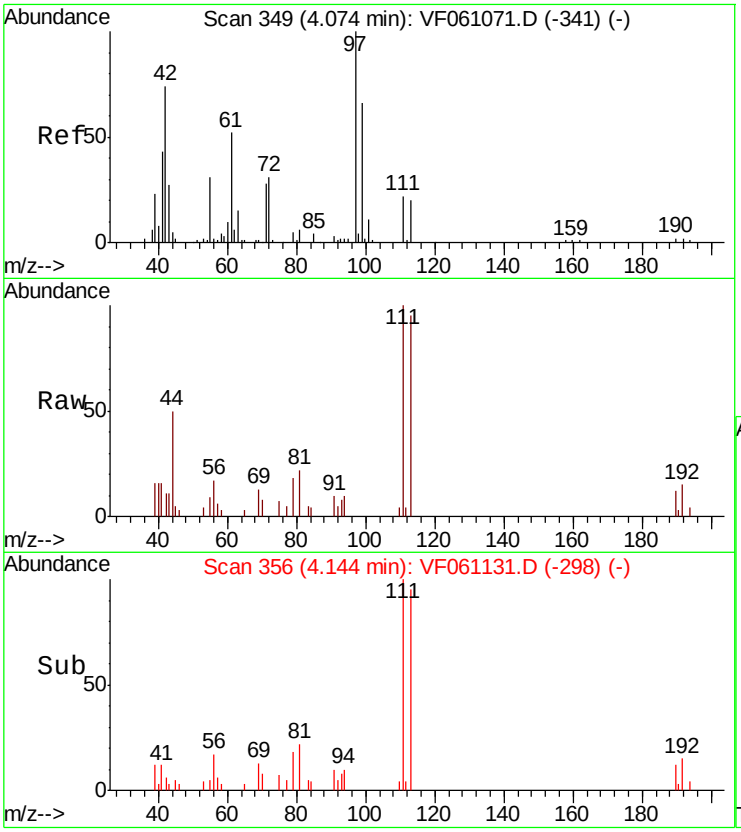


#25
2-Butanone
Concen: 51.177 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.05 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 43 Resp: 5361

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#



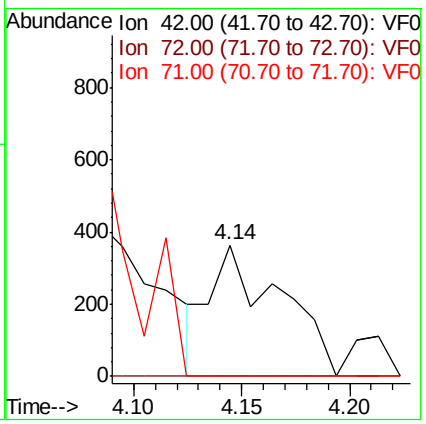


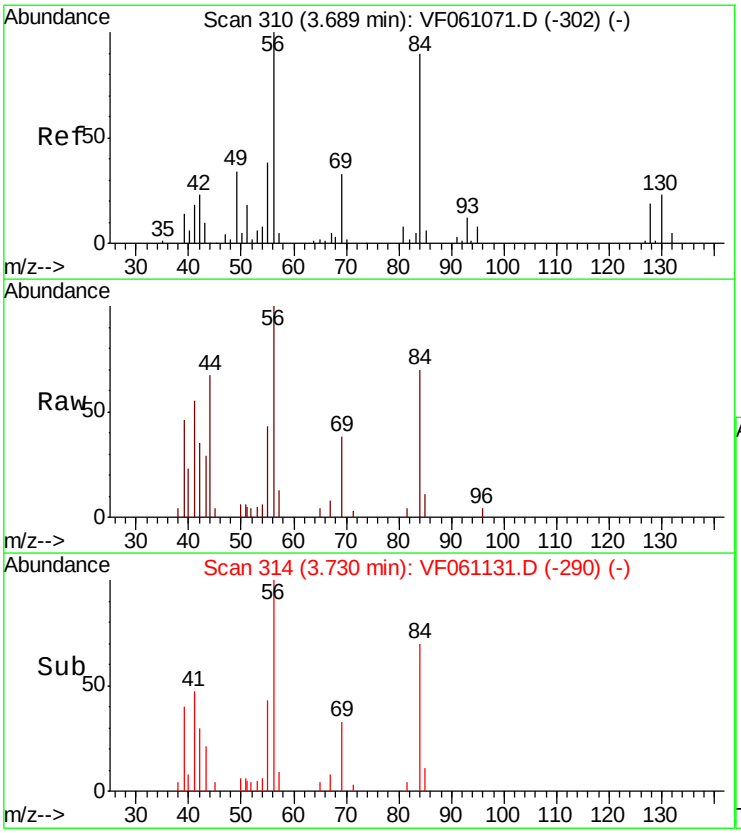
#29
Tetrahydrofuran
Concen: 19.209 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.07 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 42 Resp: 819

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

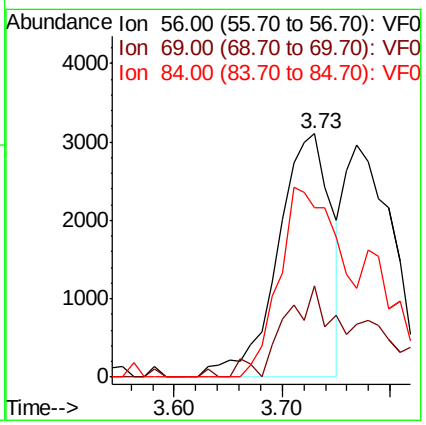


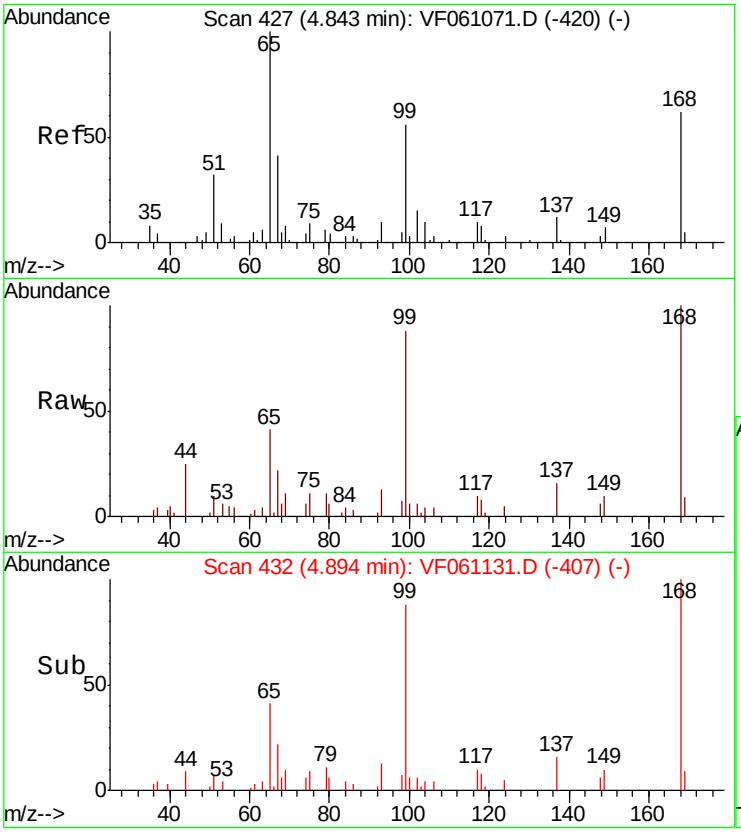


#31
Cyclohexane
Concen: 22.776 ug/l
RT: 3.73 min Scan# 314
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 56 Resp: 10749

Ion	Ratio	Lower	Upper
56	100		
69	37.7	26.0	39.0
84	69.5	71.4	107.2#



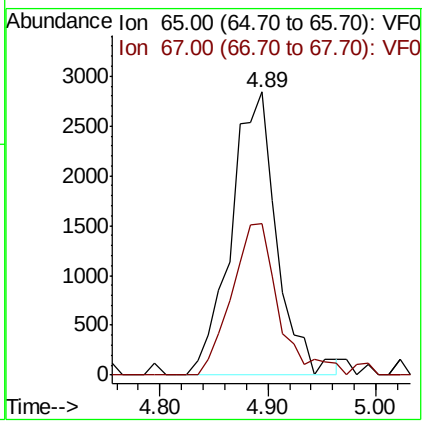


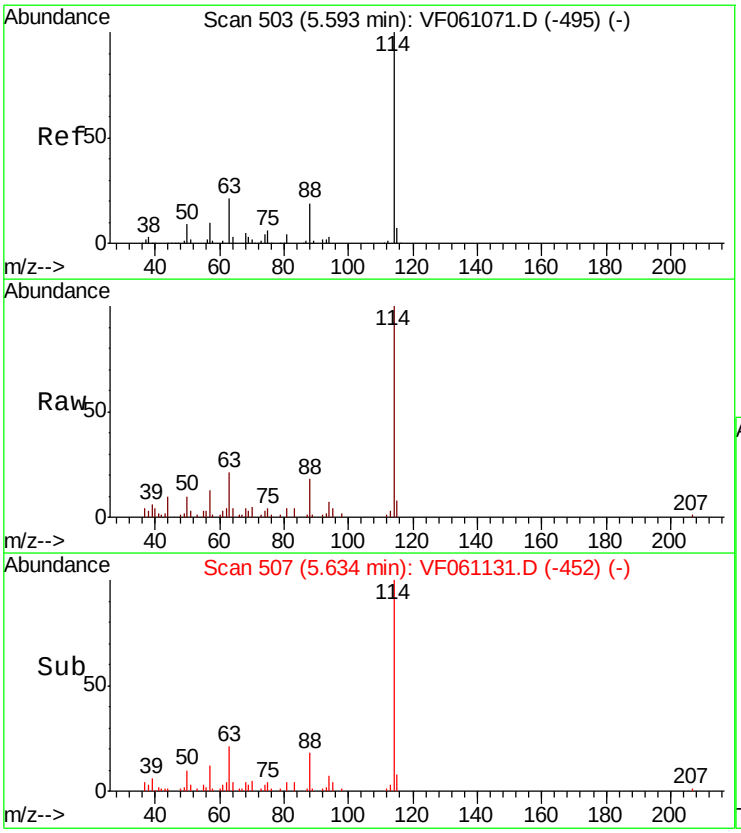
#33
1,2-Dichloroethane-d4
Concen: 25.822 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.05 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 65 Resp: 8343

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	94.6

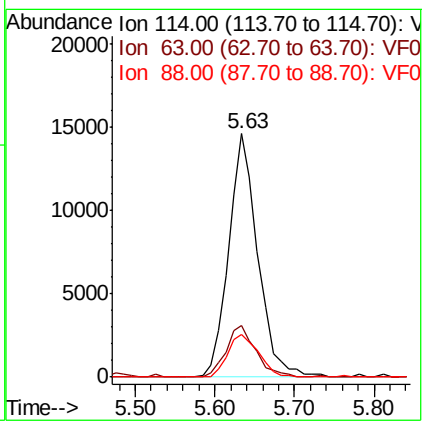


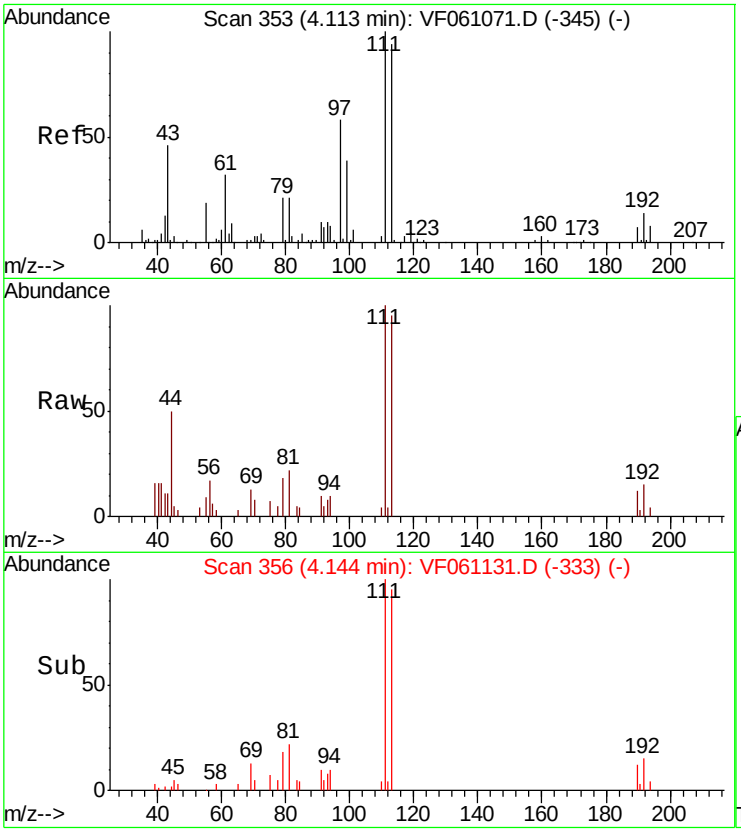


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:114 Resp: 37342

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.6
88	17.6	0.0	38.0



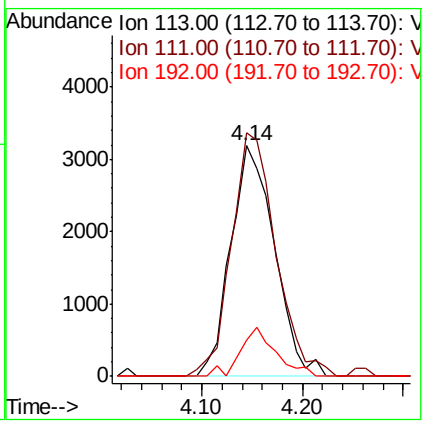


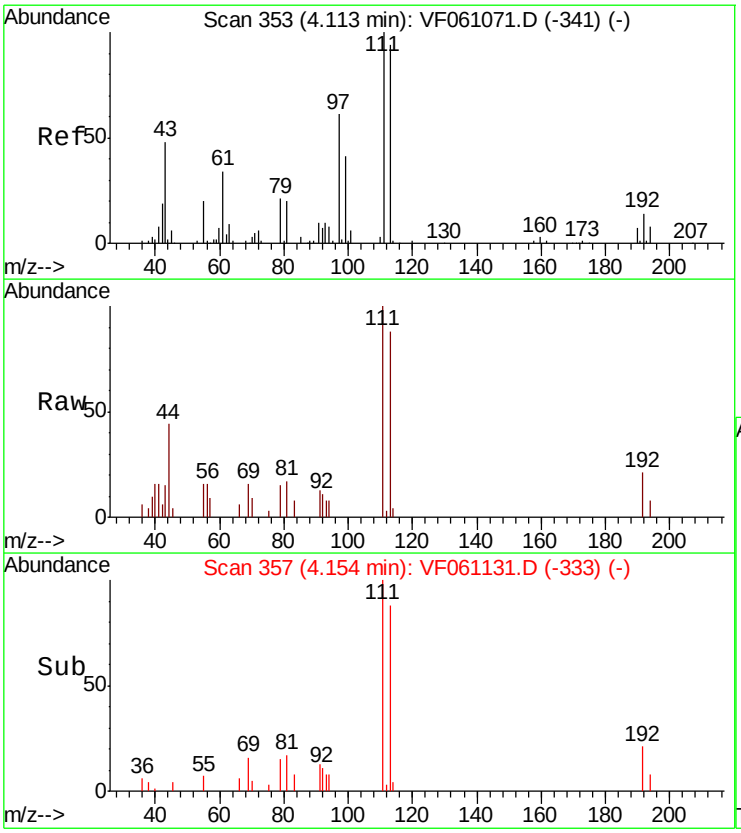
#35
Dibromofluoromethane
Concen: 32.270 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:113 Resp: 9653

Ion	Ratio	Lower	Upper
113	100		
111	110.1	85.2	127.8
192	15.8	12.8	19.2

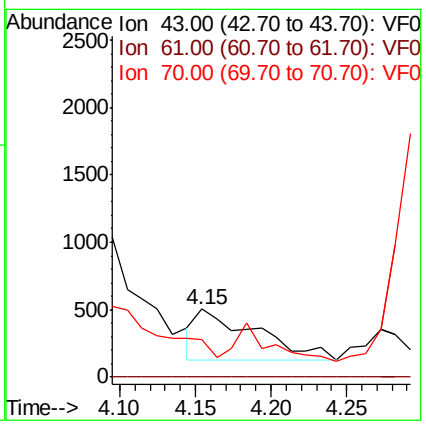


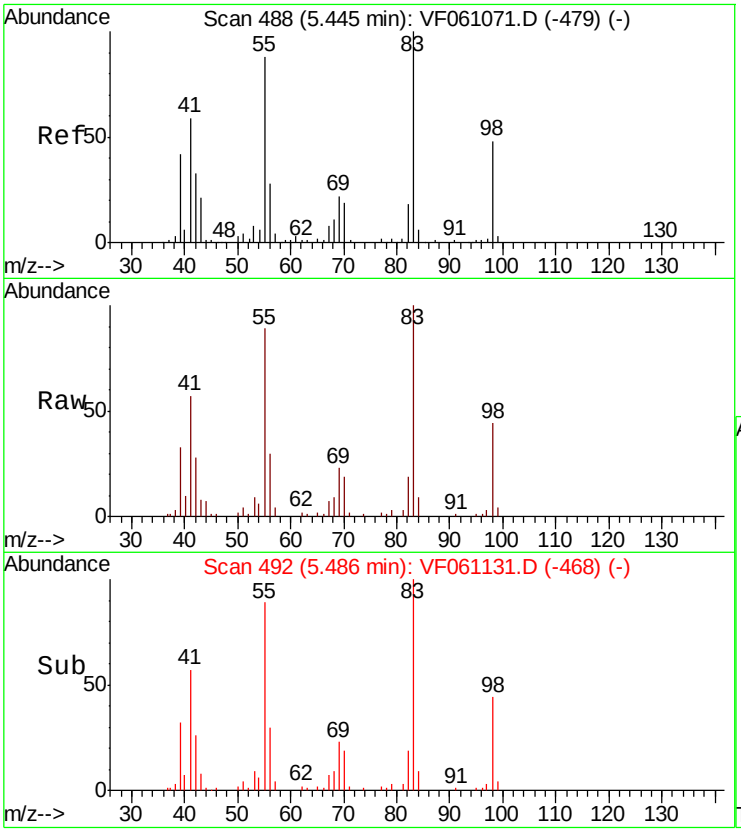


#37
Ethyl Acetate
Concen: 4.960 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 43 Resp: 1033

Ion	Ratio	Lower	Upper
43	100		
61	0.0	56.6	84.8#
70	55.8	6.3	9.5#



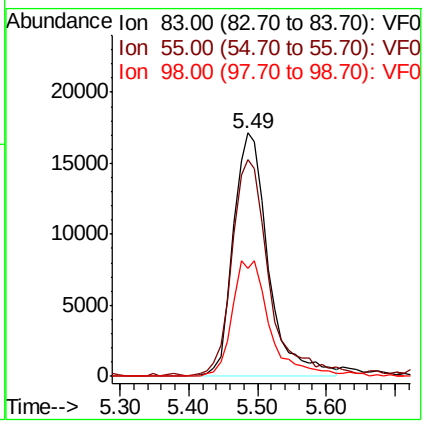


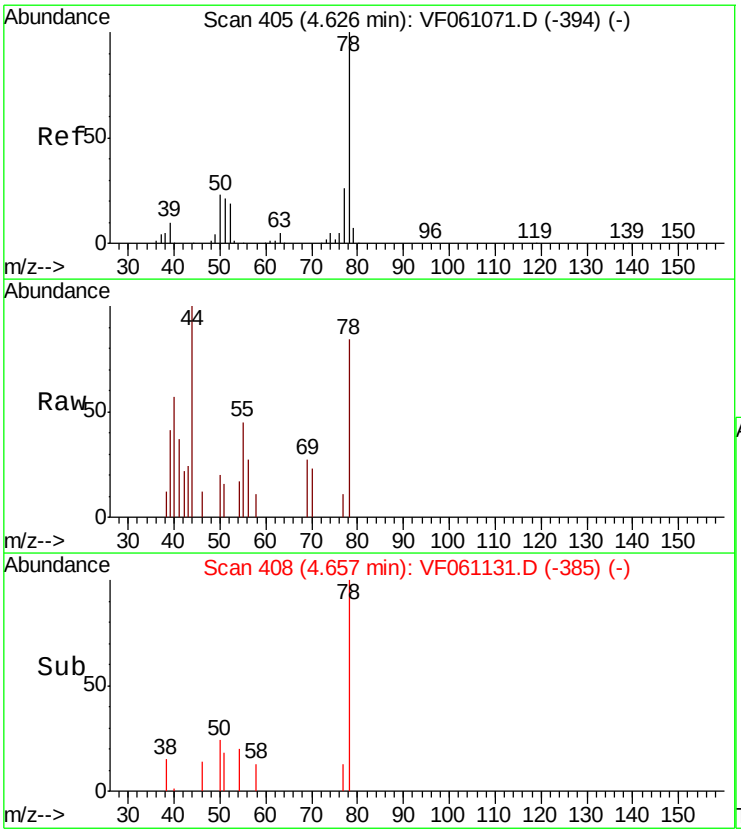
#39
Methylcyclohexane
Concen: 150.048 ug/l
RT: 5.49 min Scan# 492
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 83 Resp: 60676

Ion	Ratio	Lower	Upper
83	100		
55	88.9	70.6	105.8
98	44.1	38.5	57.7

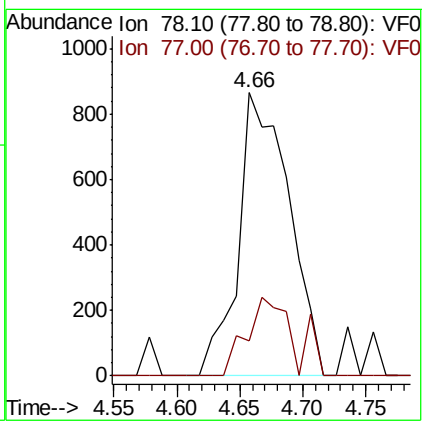


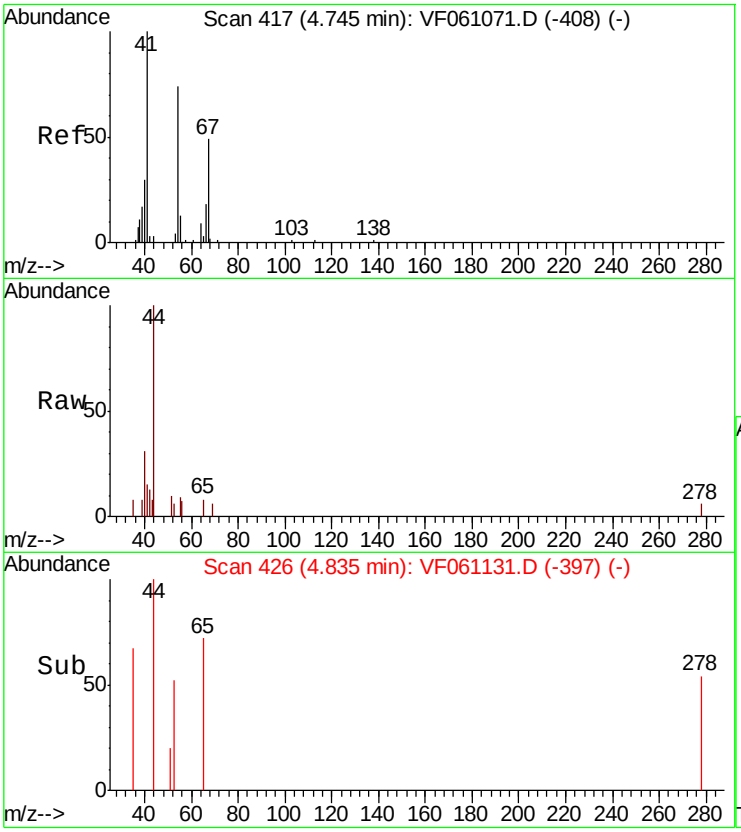


#40
Benzene
Concen: 2.493 ug/l
RT: 4.66 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 78 Resp: 2417

Ion	Ratio	Lower	Upper
78	100		
77	12.6	20.7	31.1#



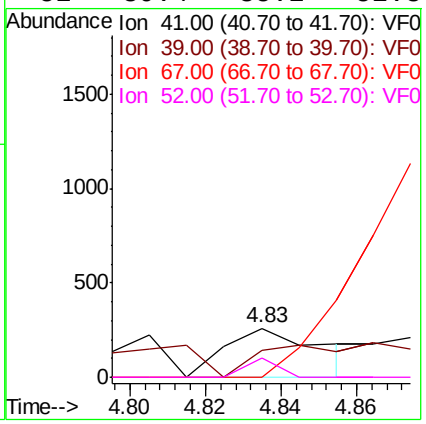


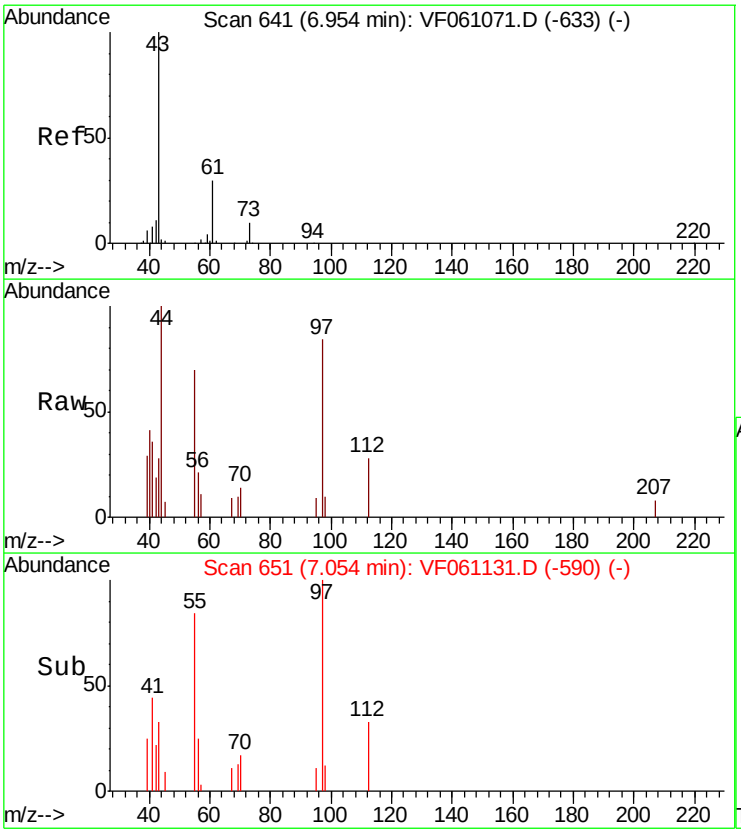
#41
Methacrylonitrile
Concen: 4.801 ug/l
RT: 4.83 min Scan# 426
Delta R.T. 0.09 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 41 Resp: 457

Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.7	68.5
67	0.0	38.9	58.3#
52	39.4	35.2	52.8

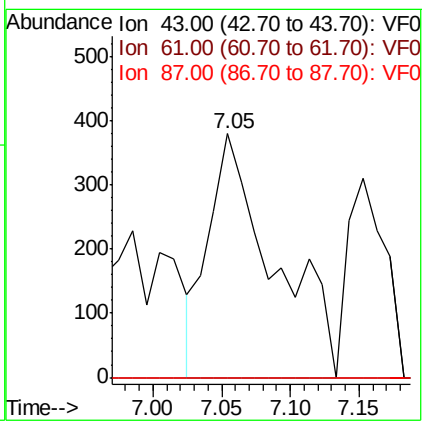


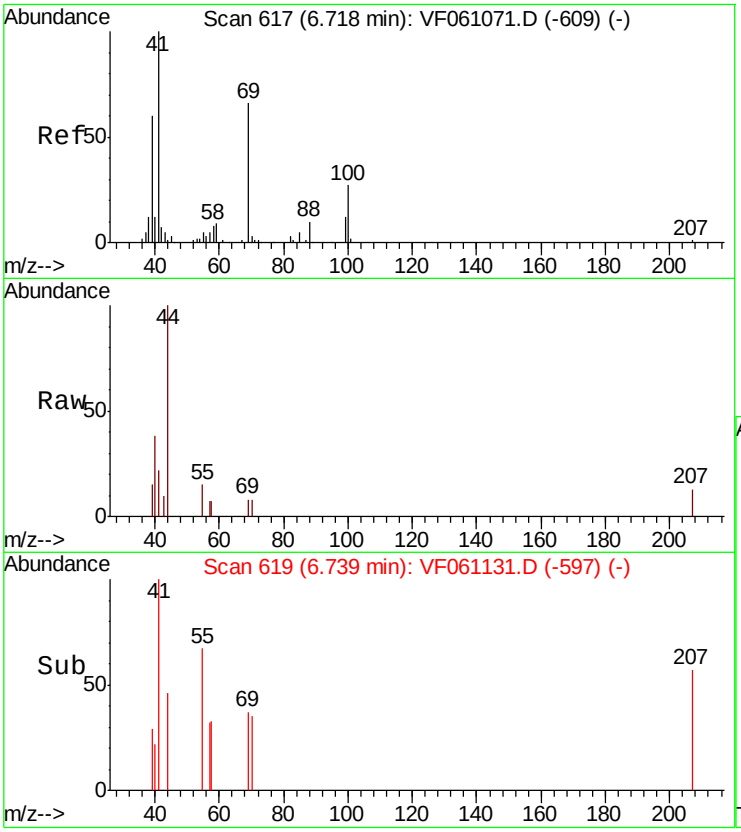


#43
Isopropyl Acetate
Concen: 5.730 ug/l
RT: 7.05 min Scan# 651
Delta R.T. 0.10 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 43 Resp: 1247

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



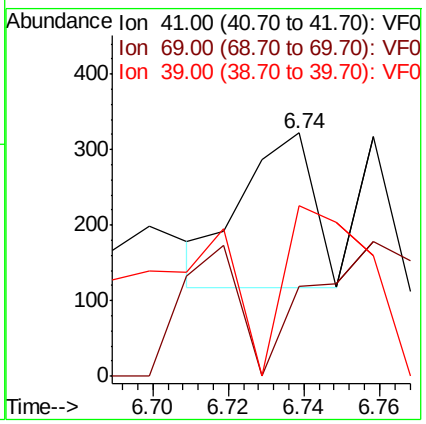


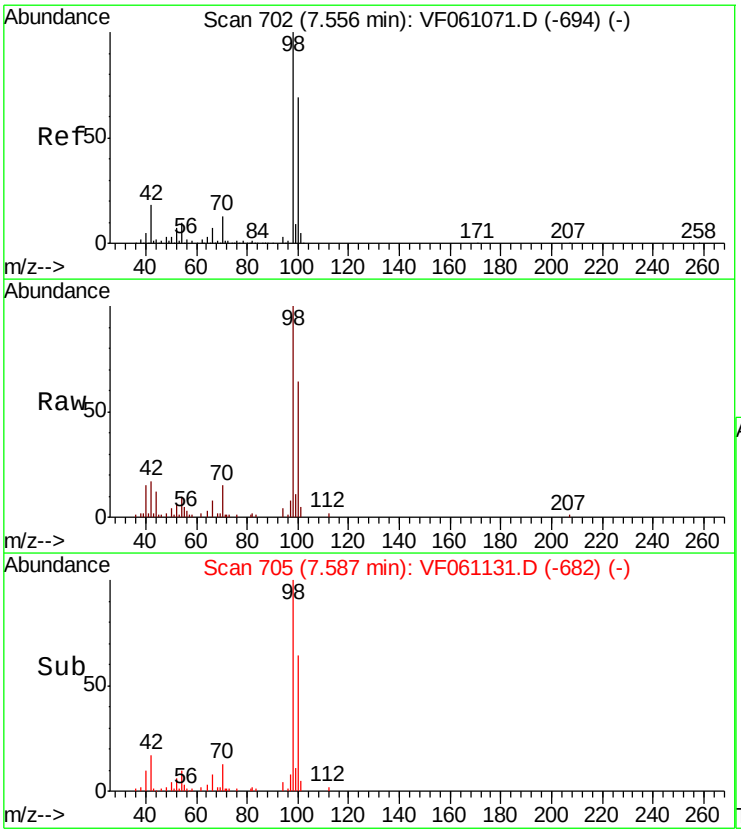
#48
Methyl methacrylate
Concen: 1.744 ug/l
RT: 6.74 min Scan# 619
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 41 Resp: 265

Ion	Ratio	Lower	Upper
41	100		
69	37.0	52.7	79.1#
39	69.9	47.8	71.6

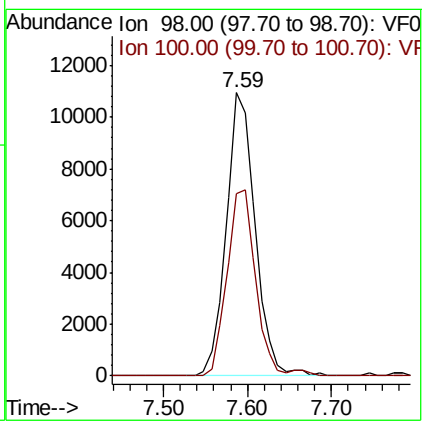


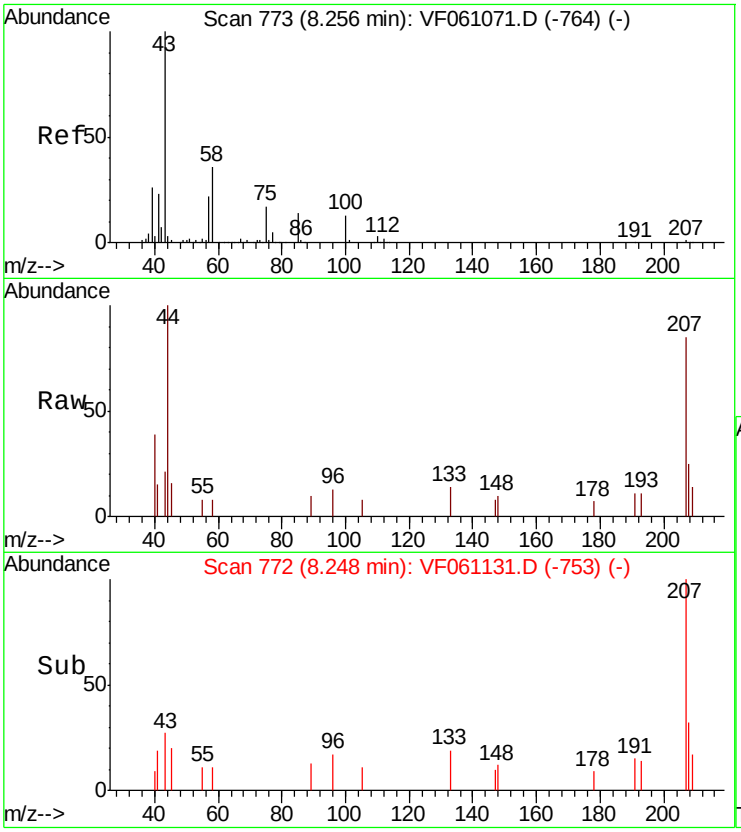


#50
Toluene-d8
Concen: 30.815 ug/l
RT: 7.59 min Scan# 705
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 98 Resp: 26122

Ion	Ratio	Lower	Upper
98	100		
100	64.2	55.3	82.9



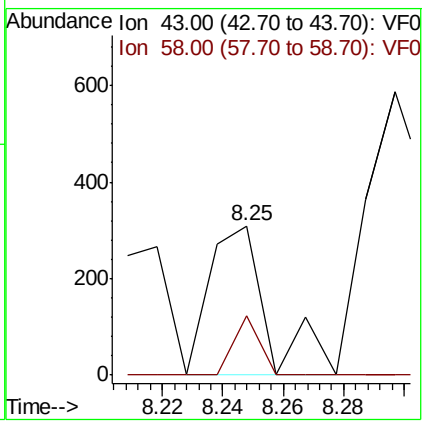


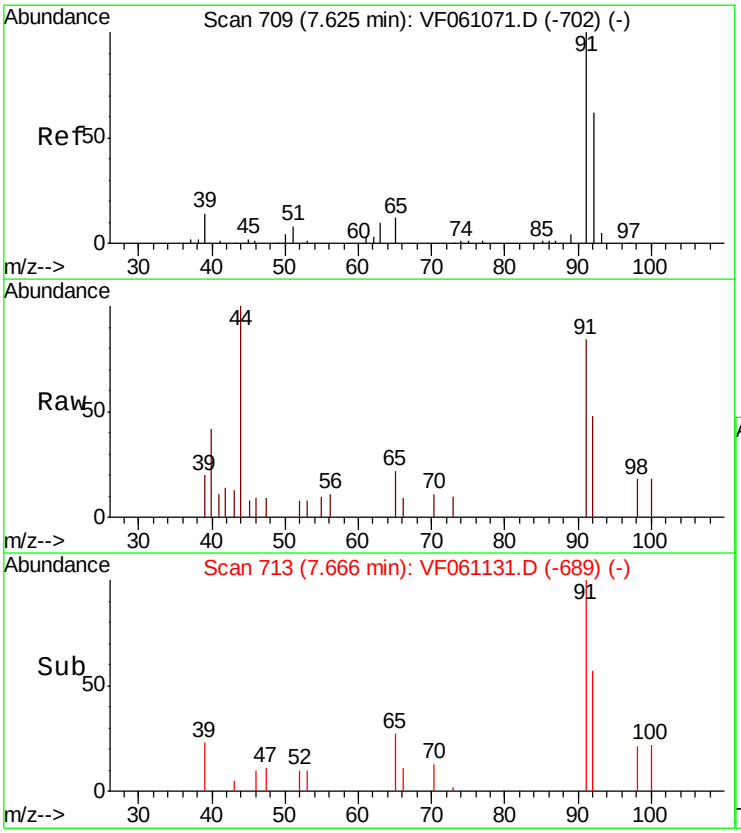
#51
4-Methyl-2-Pentanone
Concen: 2.774 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 43 Resp: 414

Ion	Ratio	Lower	Upper
43	100		
58	39.5	29.1	43.7

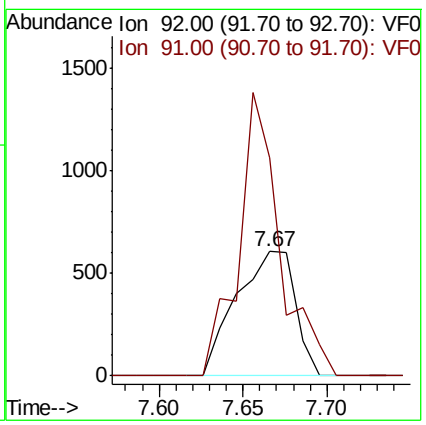


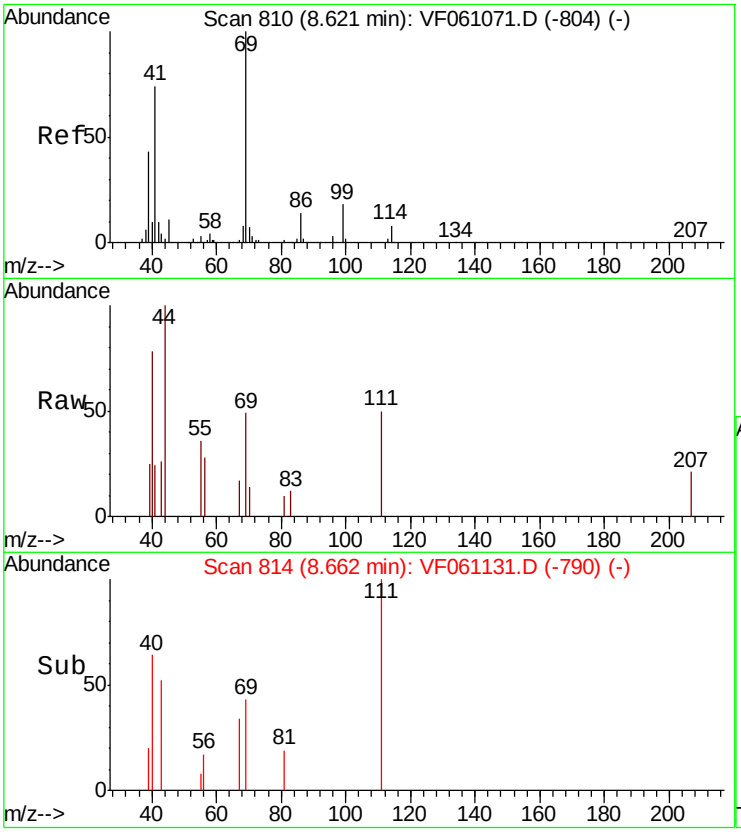


#52
Toluene
Concen: 2.289 ug/l
RT: 7.67 min Scan# 713
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 92 Resp: 1469

Ion	Ratio	Lower	Upper
92	100		
91	175.5	128.8	193.2



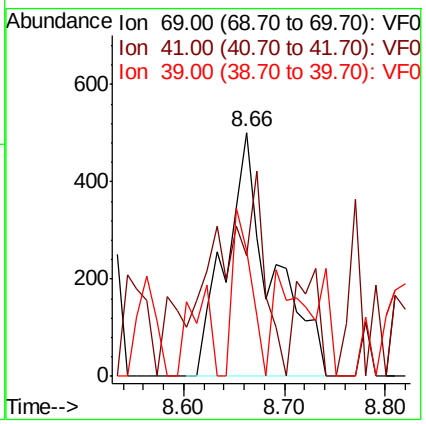


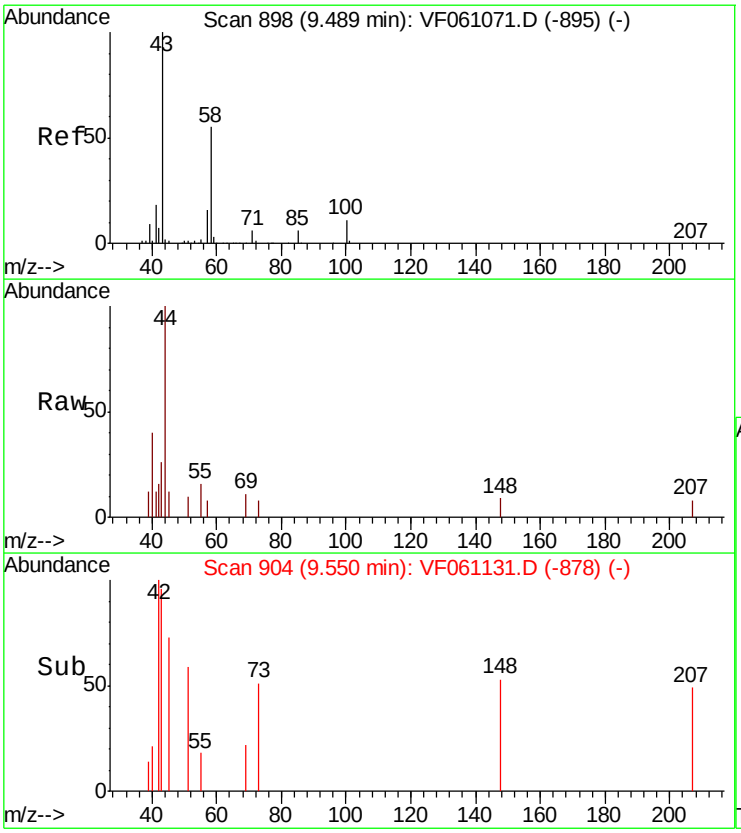
#56
Ethyl methacrylate
Concen: 7.658 ug/l
RT: 8.66 min Scan# 814
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument : MSVOA_F
ClientSampleId : P001-SD003-0006-01RE

Tgt Ion: 69 Resp: 1594

Ion	Ratio	Lower	Upper
69	100		
41	49.5	59.7	89.5#
39	51.7	35.0	52.6

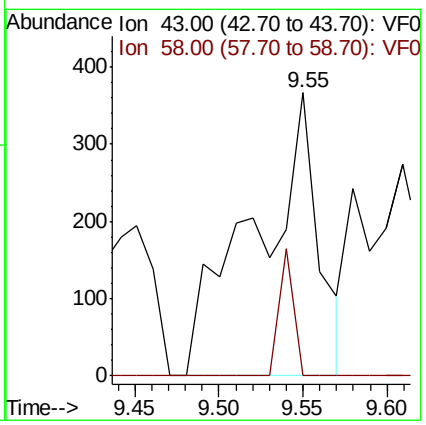


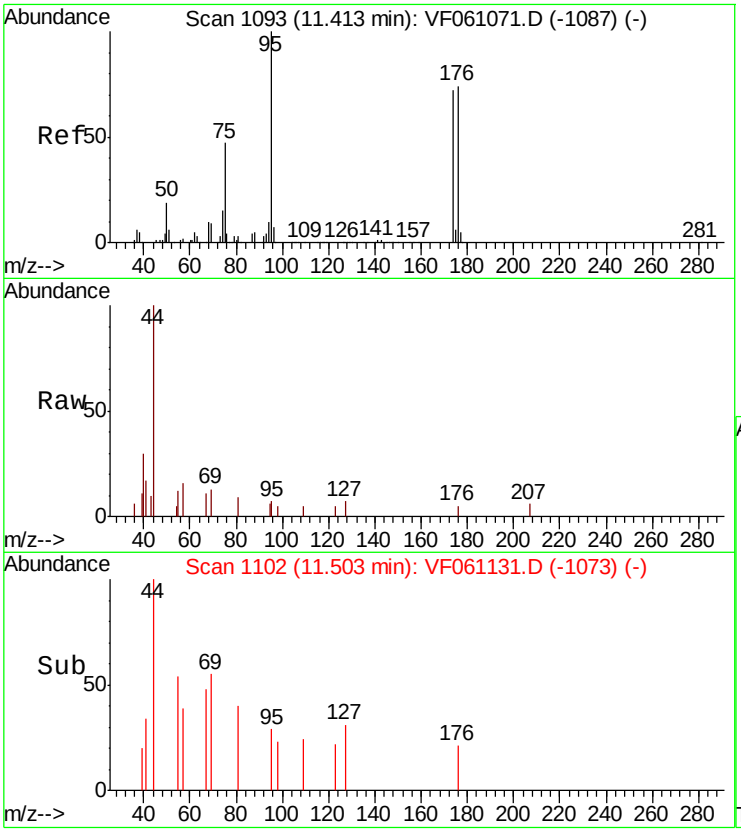


#59
2-Hexanone
Concen: 8.903 ug/l
RT: 9.55 min Scan# 904
Delta R.T. 0.06 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 43 Resp: 961

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#



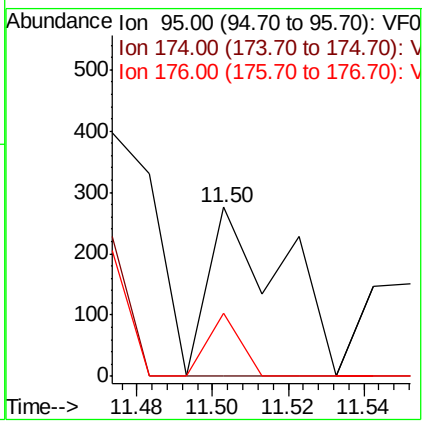


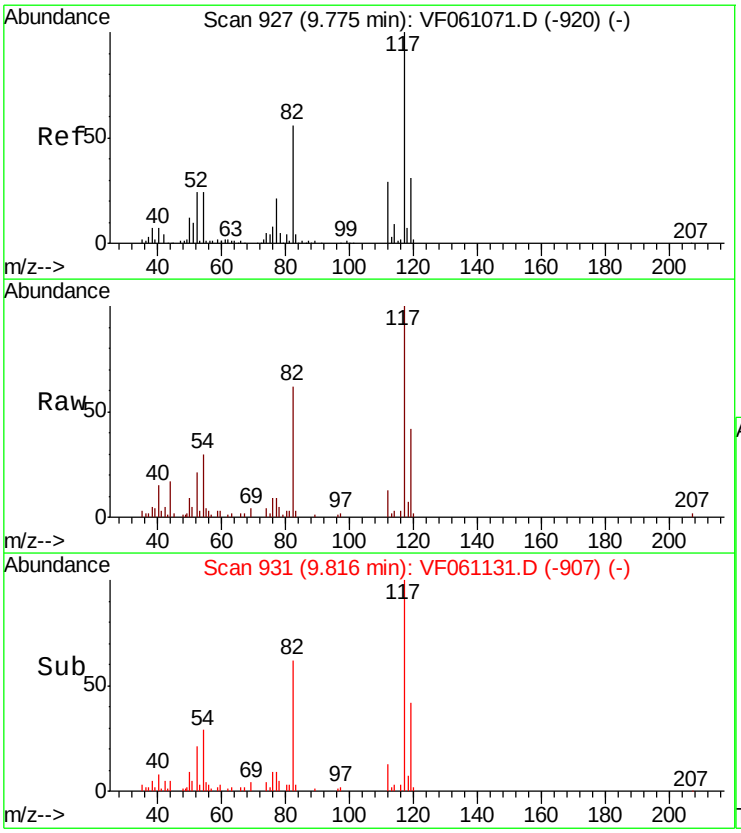
#62
4-Bromofluorobenzene
Concen: 0.967 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.09 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 95 Resp: 378

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	143.8
176	37.0	0.0	147.6

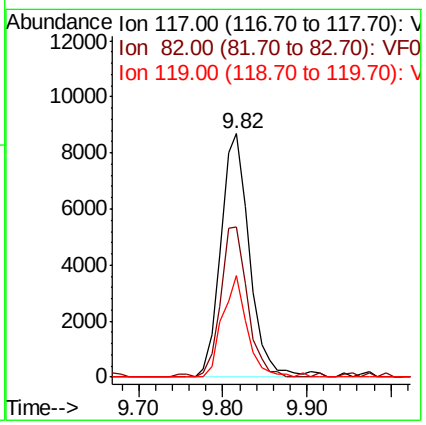


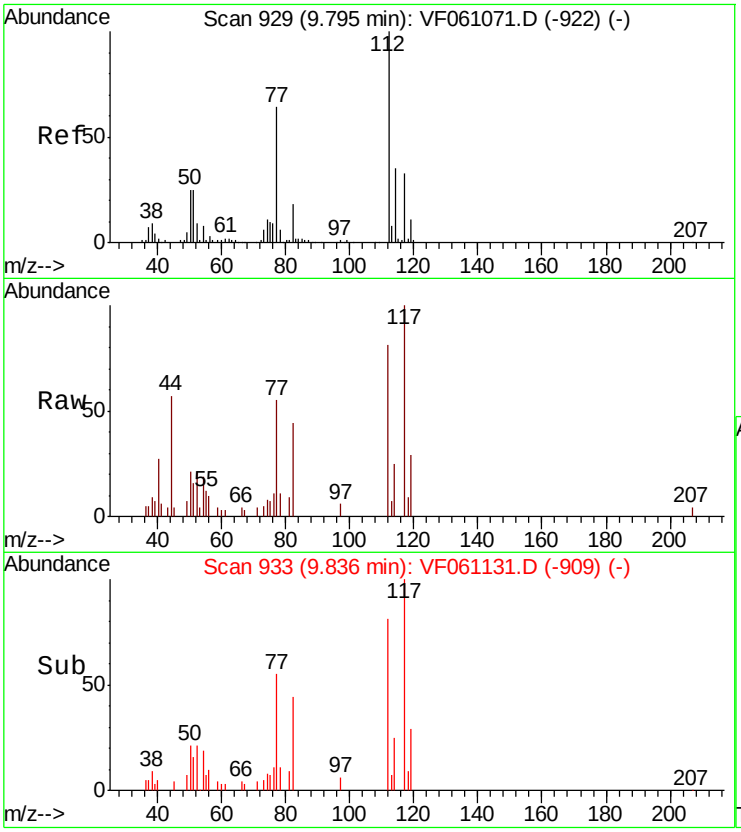


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.82 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:117 Resp: 20601

Ion	Ratio	Lower	Upper
117	100		
82	61.8	45.0	67.4
119	41.6	24.8	37.2#



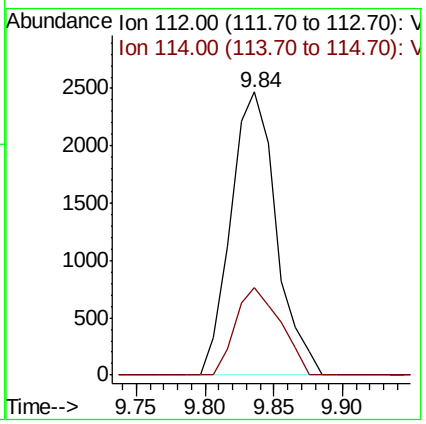


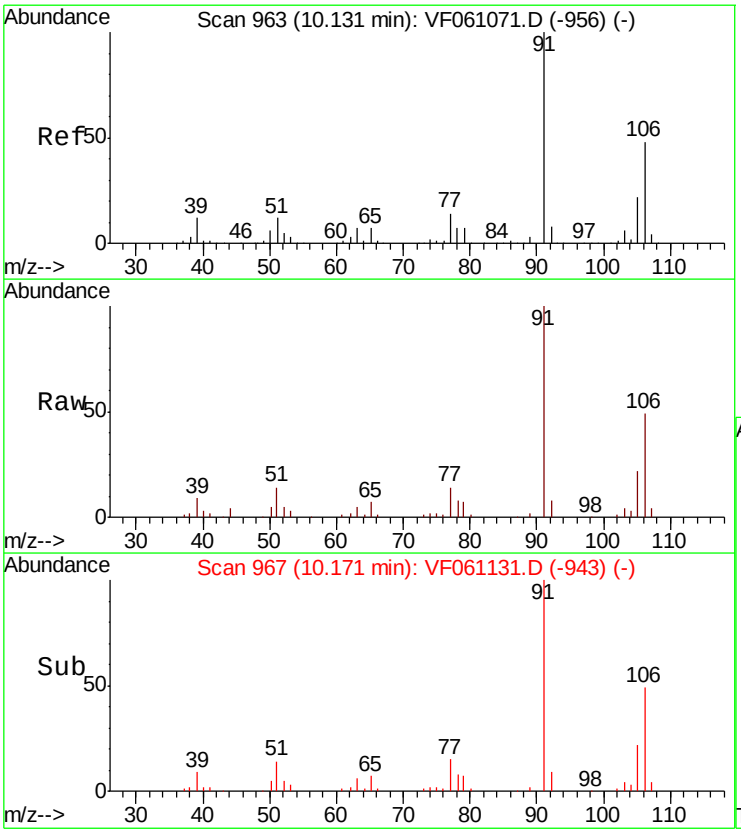
#65
Chlorobenzene
Concen: 13.353 ug/l
RT: 9.84 min Scan# 933
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:112 Resp: 5683

Ion	Ratio	Lower	Upper
112	100		
114	31.1	27.8	41.6

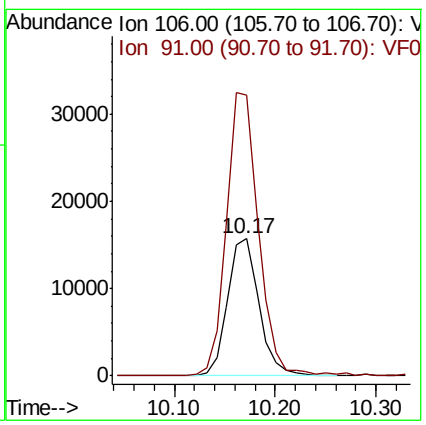


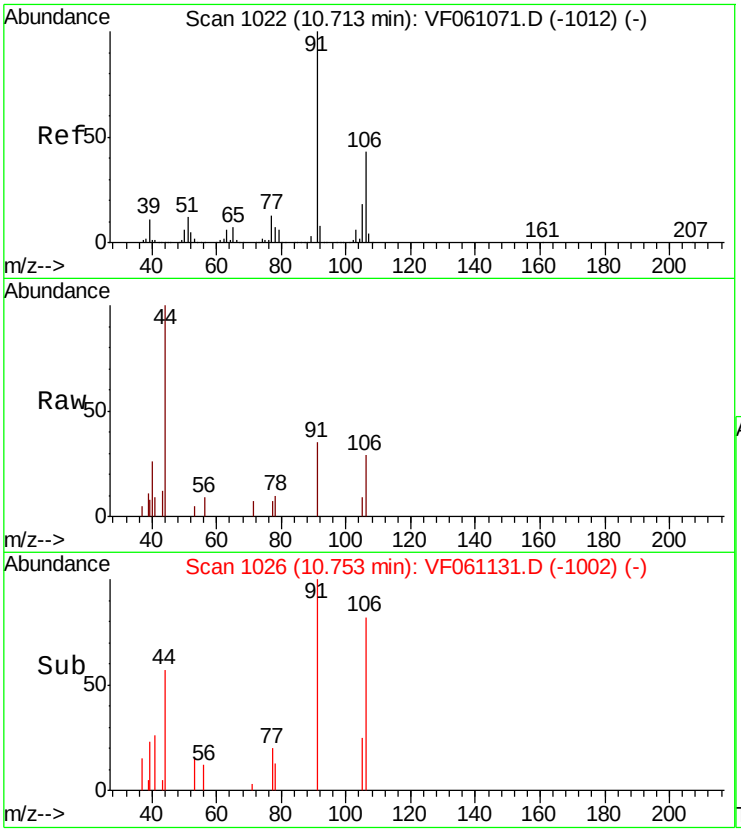


#68
m/p-Xylenes
Concen: 124.224 ug/l
RT: 10.17 min Scan# 967
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:106 Resp: 33896

Ion	Ratio	Lower	Upper
106	100		
91	204.9	168.2	252.2



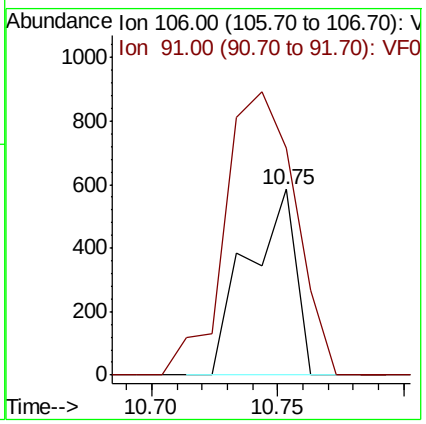


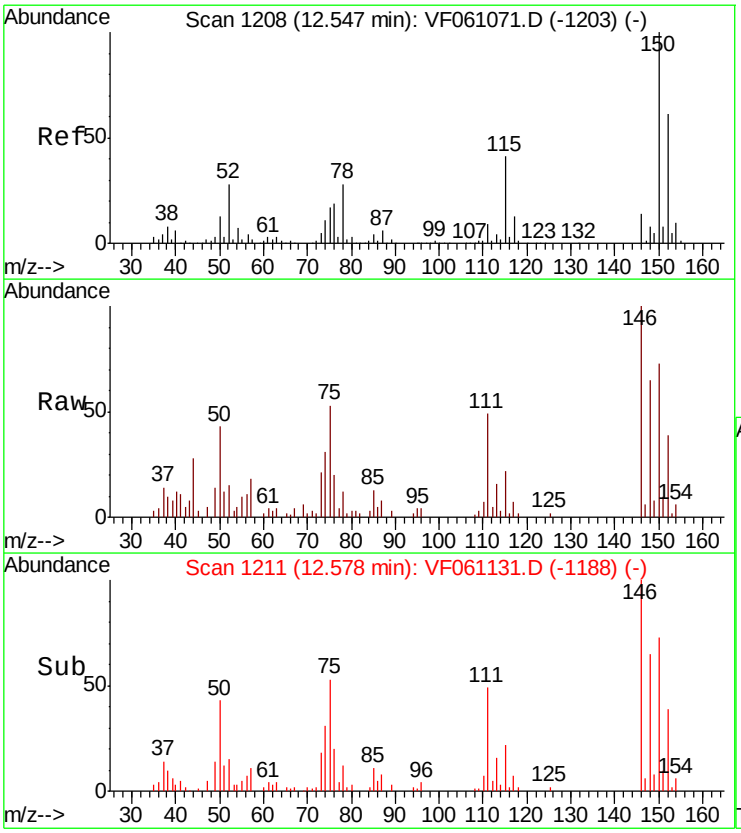
#69
o-Xylene
Concen: 2.564 ug/l
RT: 10.75 min Scan# 1026
Delta R.T. 0.04 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:106 Resp: 776

Ion	Ratio	Lower	Upper
106	100		
91	122.1	115.9	347.7

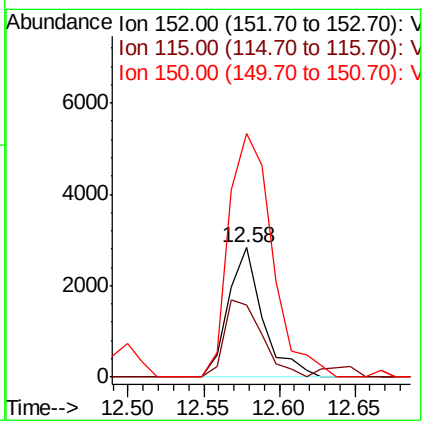


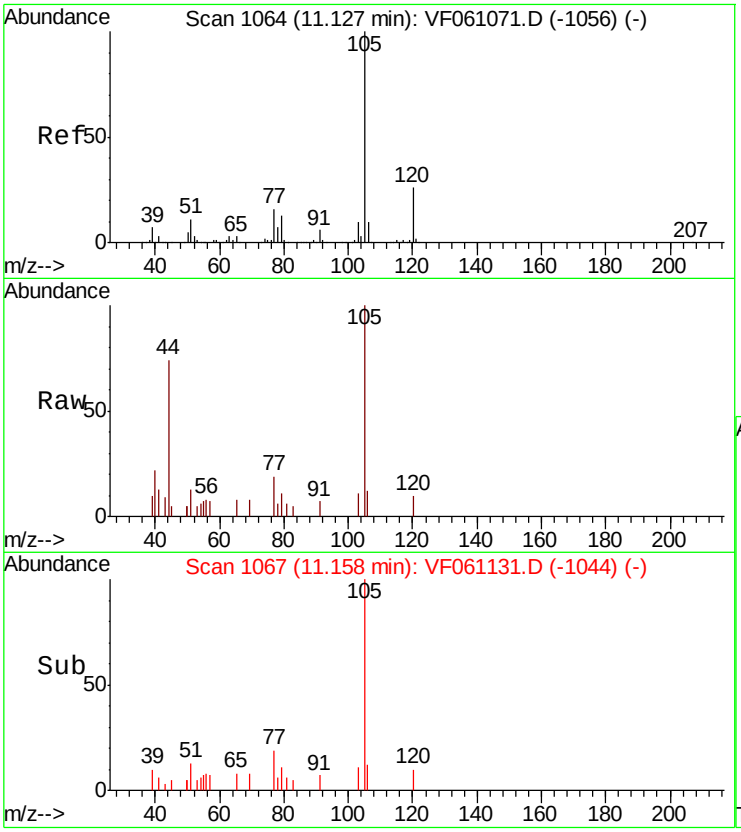


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:152 Resp: 4476

Ion	Ratio	Lower	Upper
152	100		
115	55.9	33.3	99.9
150	187.9	0.0	328.2



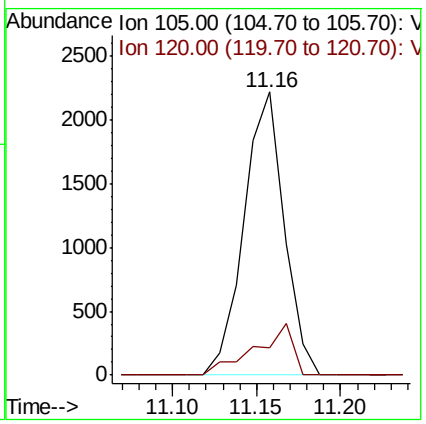


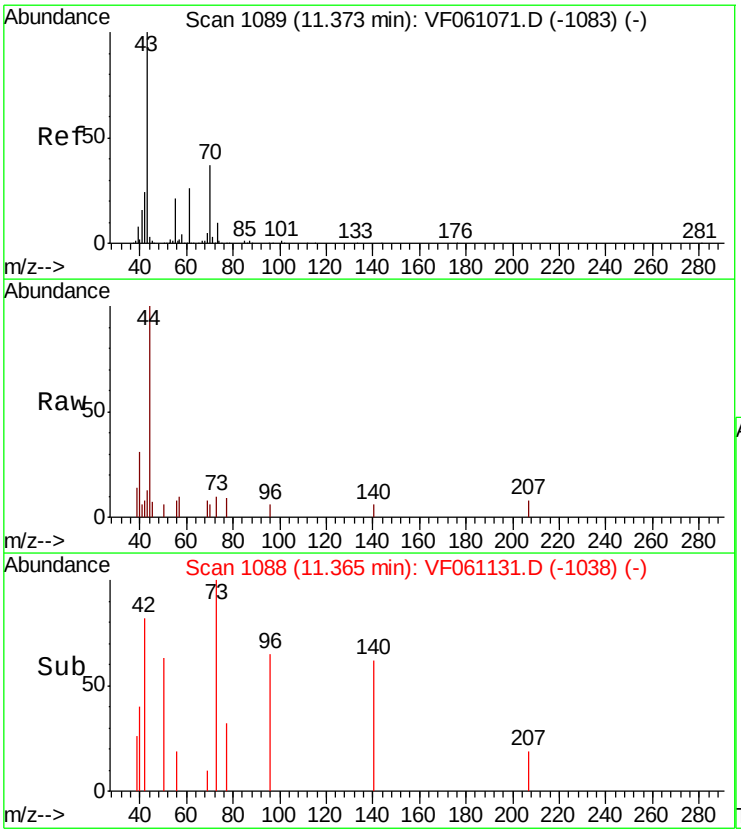
#73
Isopropylbenzene
Concen: 9.535 ug/l
RT: 11.16 min Scan# 1067
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument : MSVOA_F
ClientSampleId : P001-SD003-0006-01RE

Tgt Ion:105 Resp: 3678

Ion	Ratio	Lower	Upper
105	100		
120	9.7	13.0	39.0#

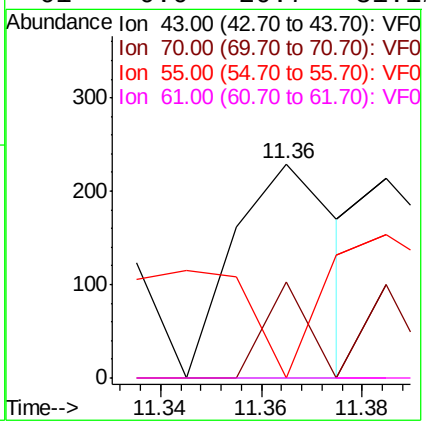


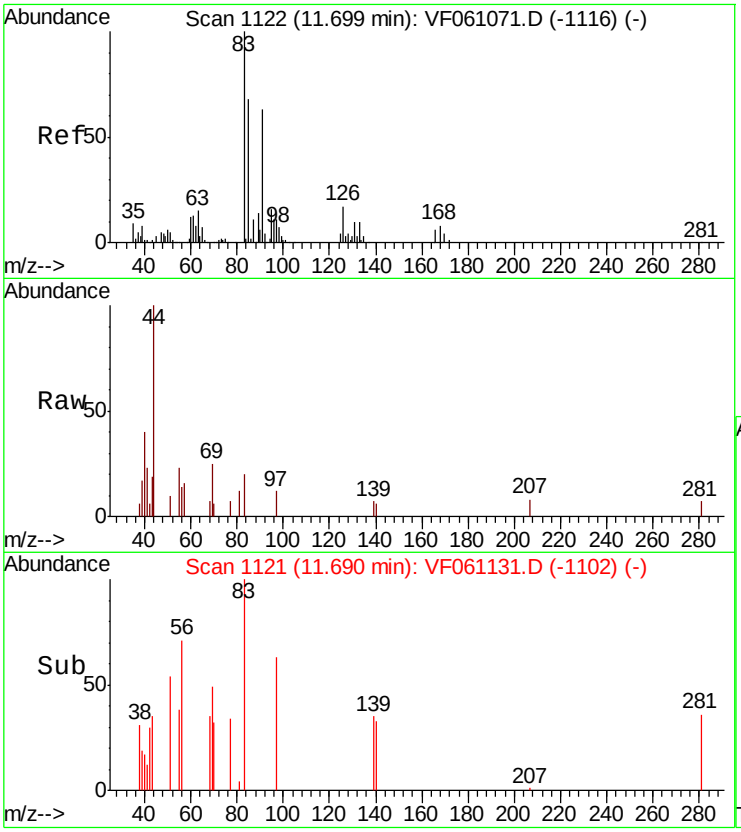


#74
N-amyl acetate
Concen: 3.877 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 43 Resp: 332

Ion	Ratio	Lower	Upper
43	100		
70	45.0	29.2	43.8#
55	0.0	16.5	24.7#
61	0.0	20.7	31.1#



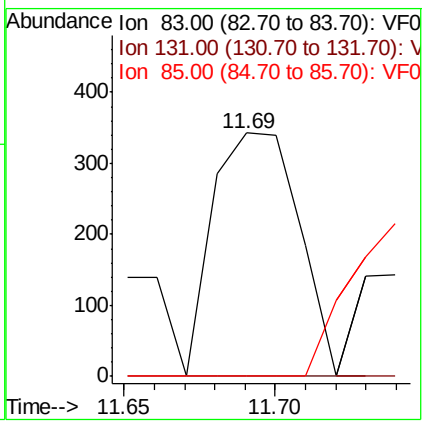


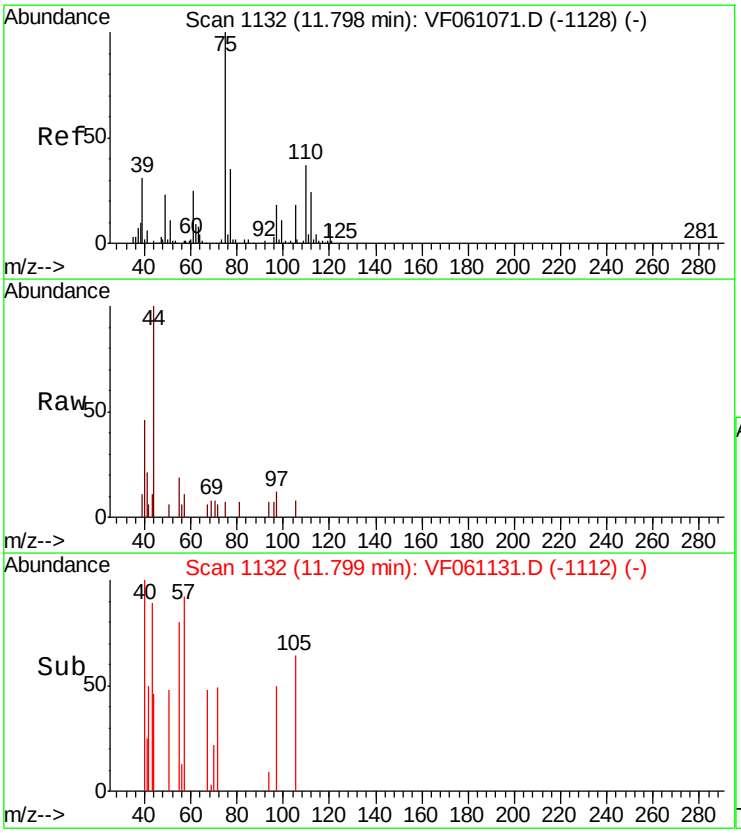
#75
1,1,2,2-Tetrachloroethane
Concen: 10.669 ug/l
RT: 11.69 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 83 Resp: 683

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

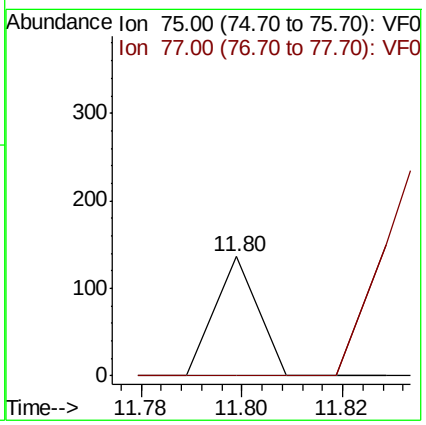


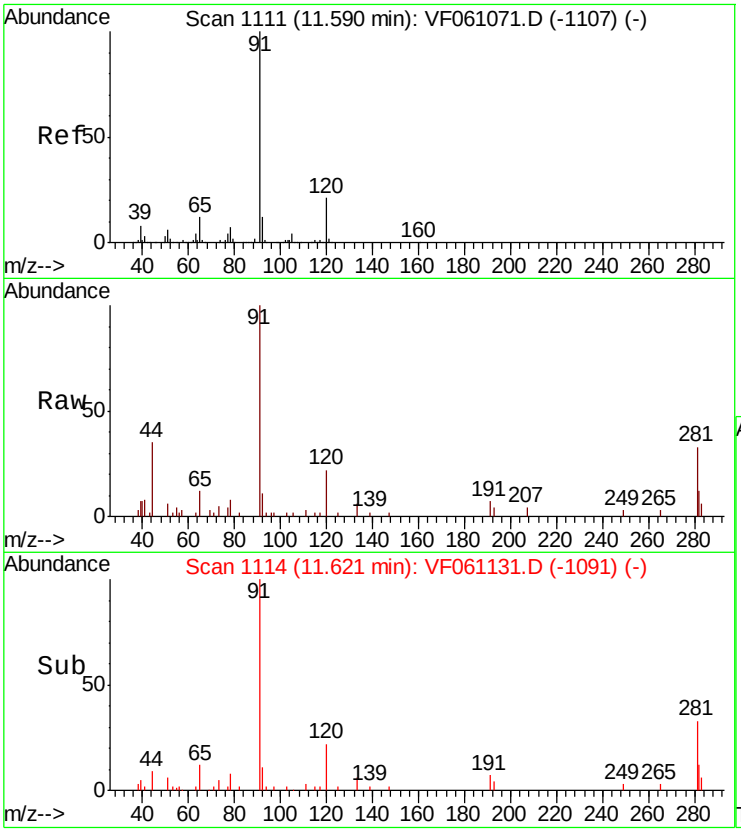


#76
1,2,3-Trichloropropane
Concen: 1.700 ug/l
RT: 11.80 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 75 Resp: 81

Ion	Ratio	Lower	Upper
75	100		
77	0.0	17.6	52.9#



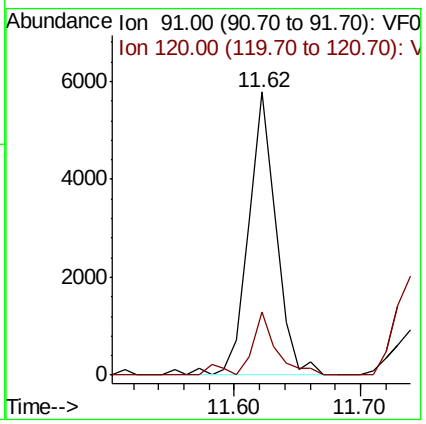


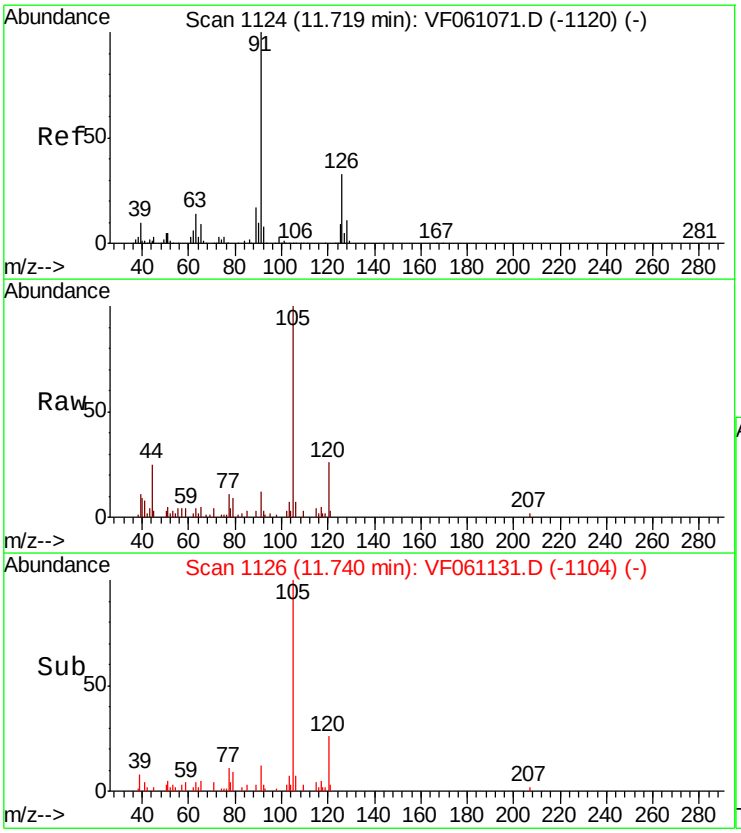
#78
n-propylbenzene
Concen: 17.441 ug/l
RT: 11.62 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 91 Resp: 8827

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.4	31.2

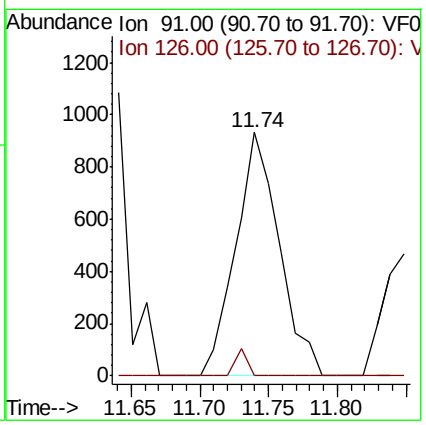


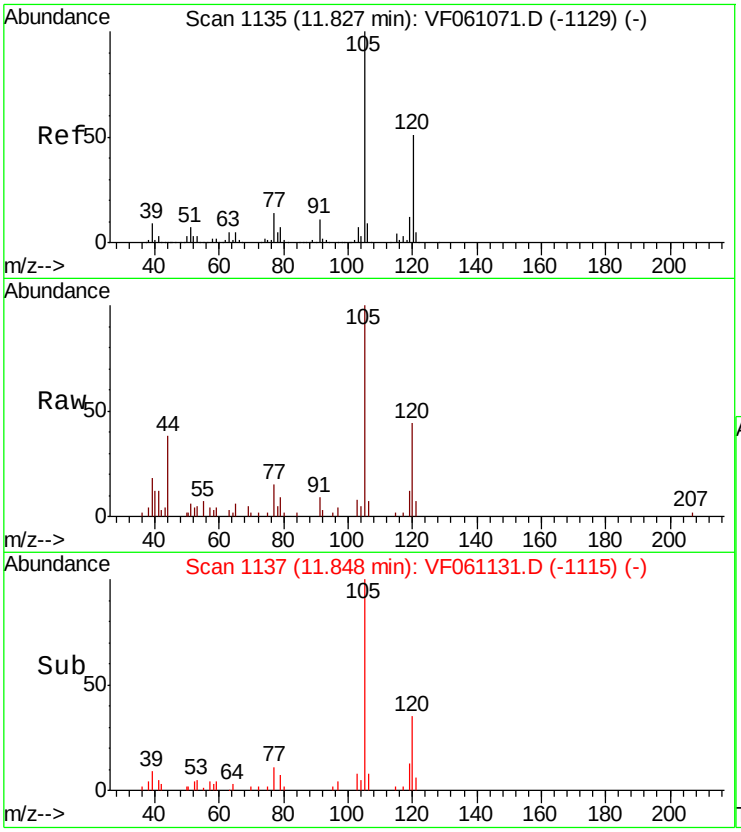


#79
2-Chlorotoluene
Concen: 7.789 ug/l
RT: 11.74 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 91 Resp: 2061

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#



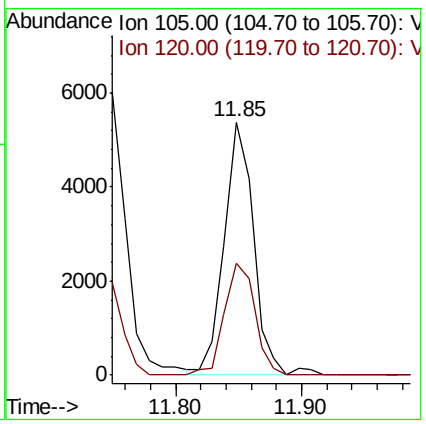


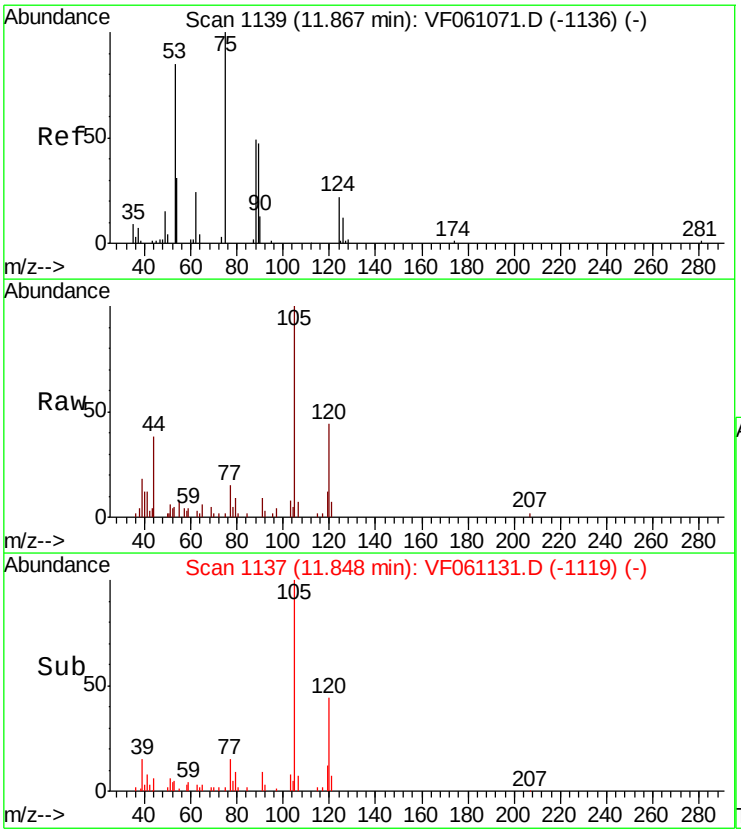
#80
1,3,5-Trimethylbenzene
Concen: 27.395 ug/l
RT: 11.85 min Scan# 1137
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:105 Resp: 8701

Ion	Ratio	Lower	Upper
105	100		
120	44.2	25.4	76.4

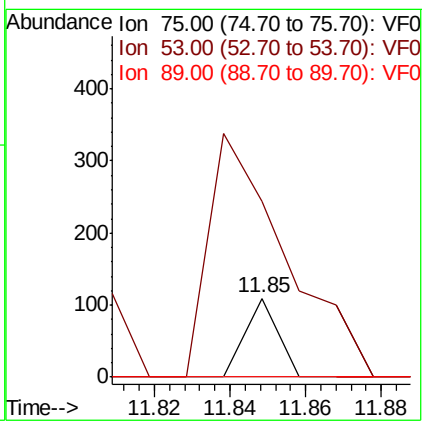


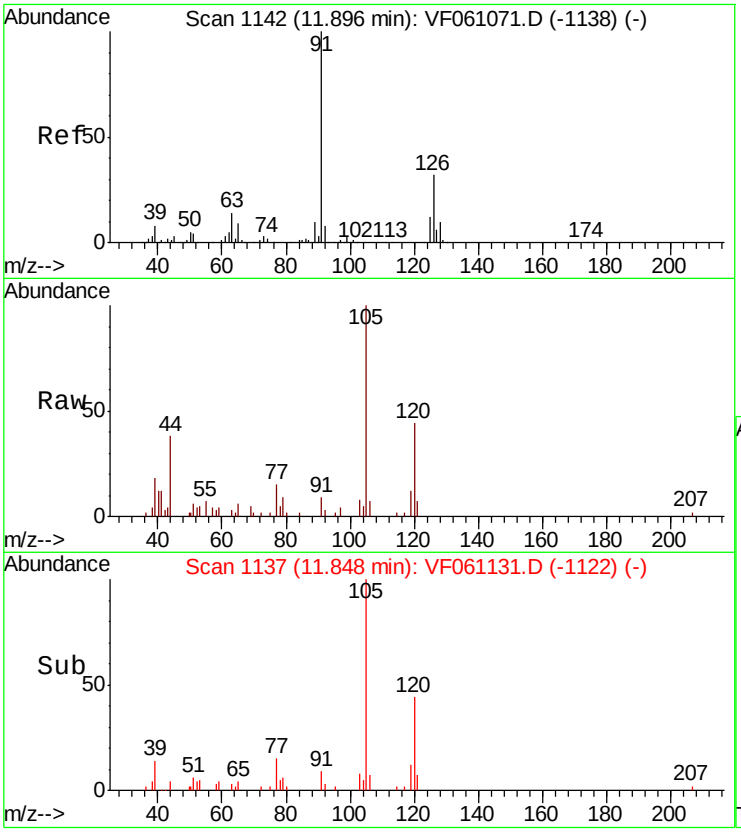


#81
trans-1,4-Dichloro-2-butene
Concen: 3.175 ug/l
RT: 11.85 min Scan# 1137
Delta R.T. -0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
53	223.9	74.1	111.1#
89	0.0	42.6	64.0#



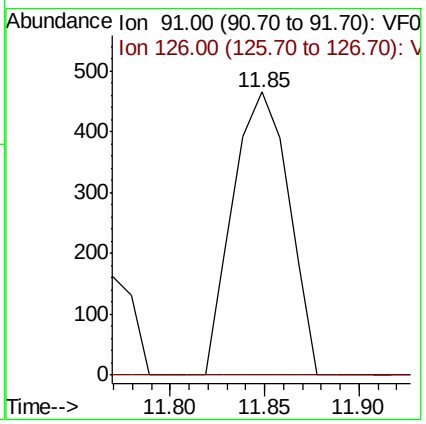


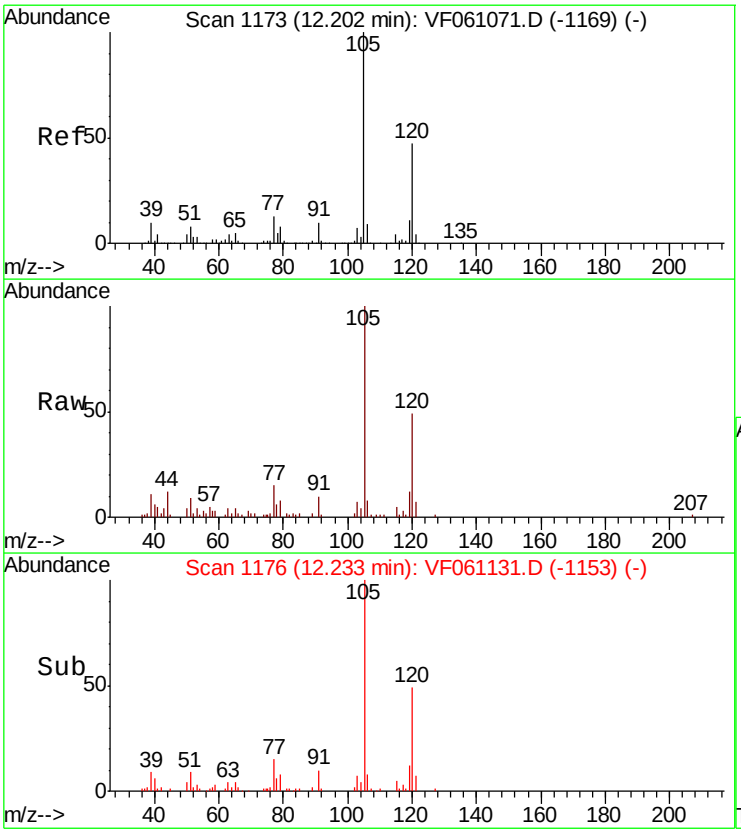
#82
4-Chlorotoluene
Concen: 3.493 ug/l
RT: 11.85 min Scan# 1137
Delta R.T. -0.05 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 91 Resp: 956

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.0	47.9#

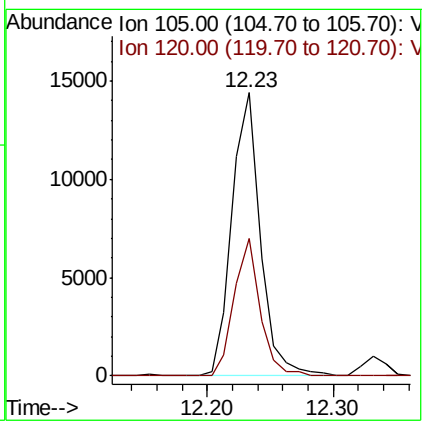


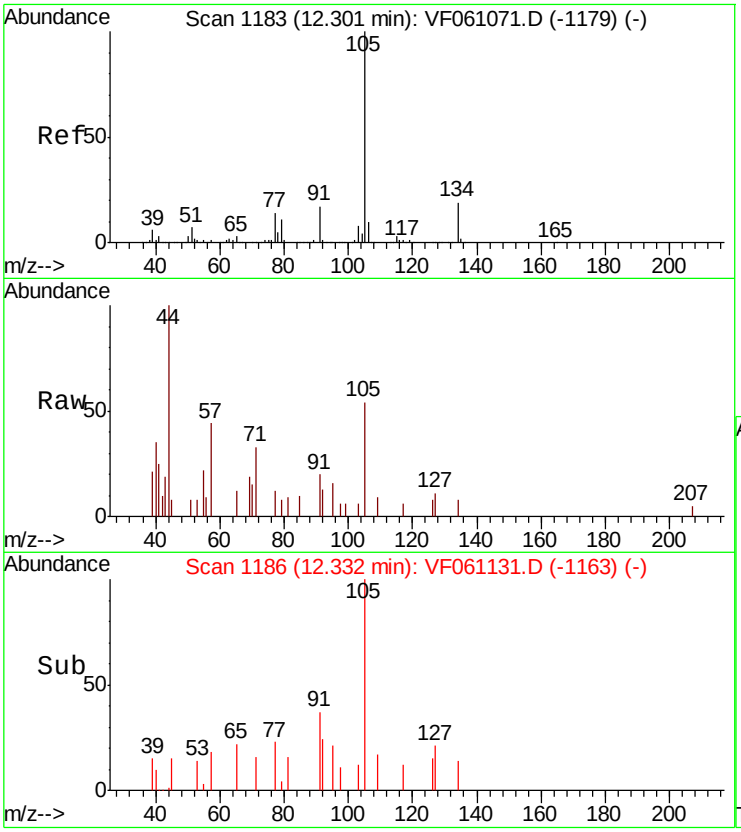


#84
1,2,4-Trimethylbenzene
Concen: 70.622 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:105 Resp: 22368

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.6	71.0



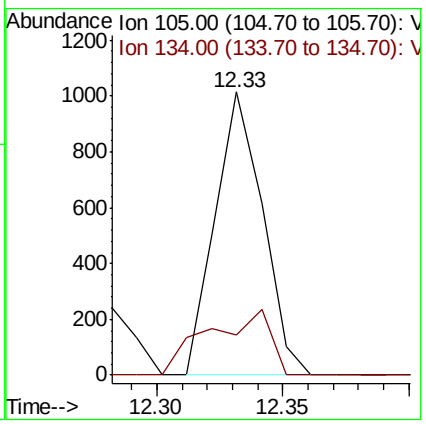


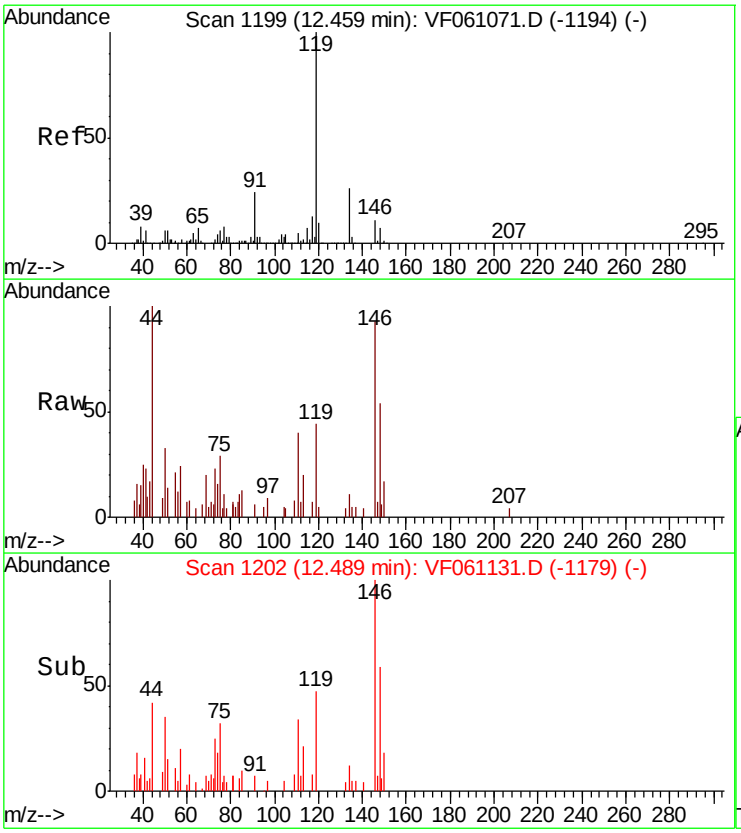
#85
sec-Butylbenzene
Concen: 3.109 ug/l
RT: 12.33 min Scan# 1186
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:105 Resp: 1326

Ion	Ratio	Lower	Upper
105	100		
134	14.3	9.4	28.2

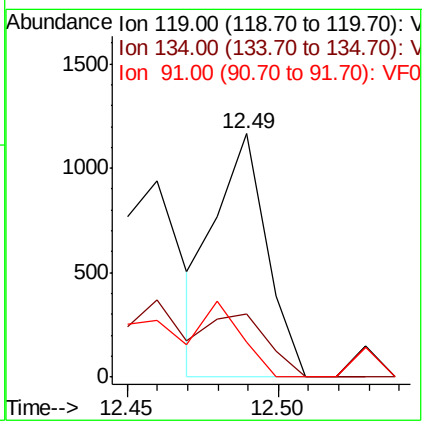


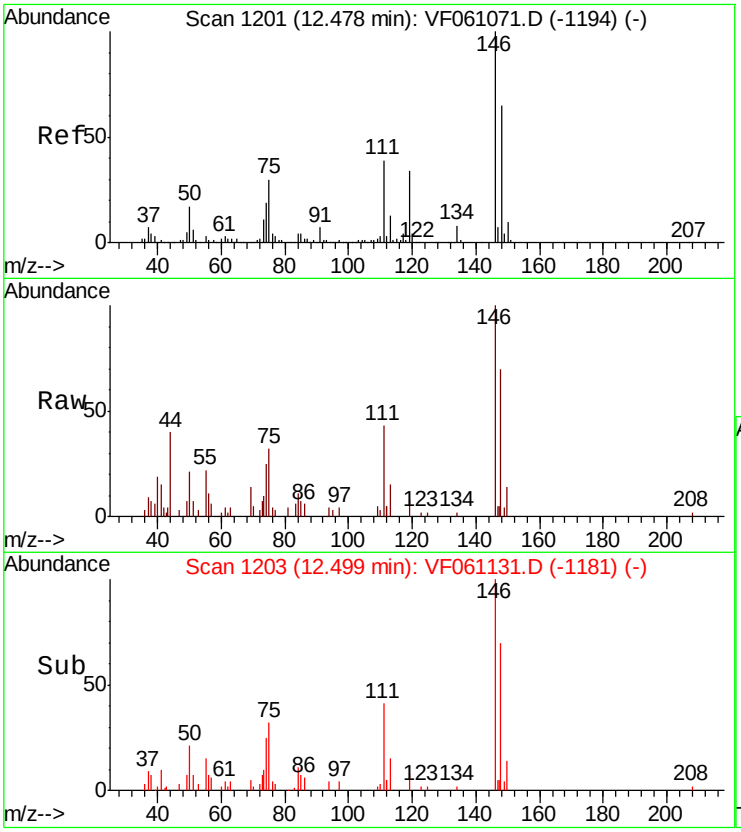


#86
p-Isopropyltoluene
Concen: 3.881 ug/l
RT: 12.49 min Scan# 1202
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:119 Resp: 1374

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	14.2	12.2	36.6



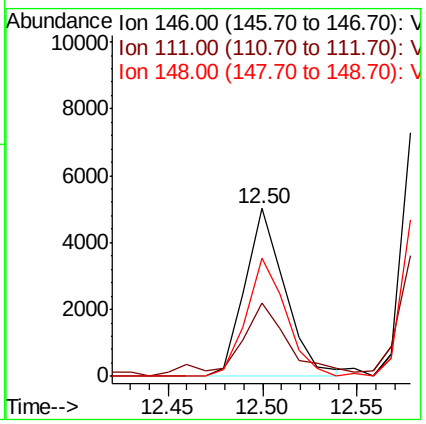


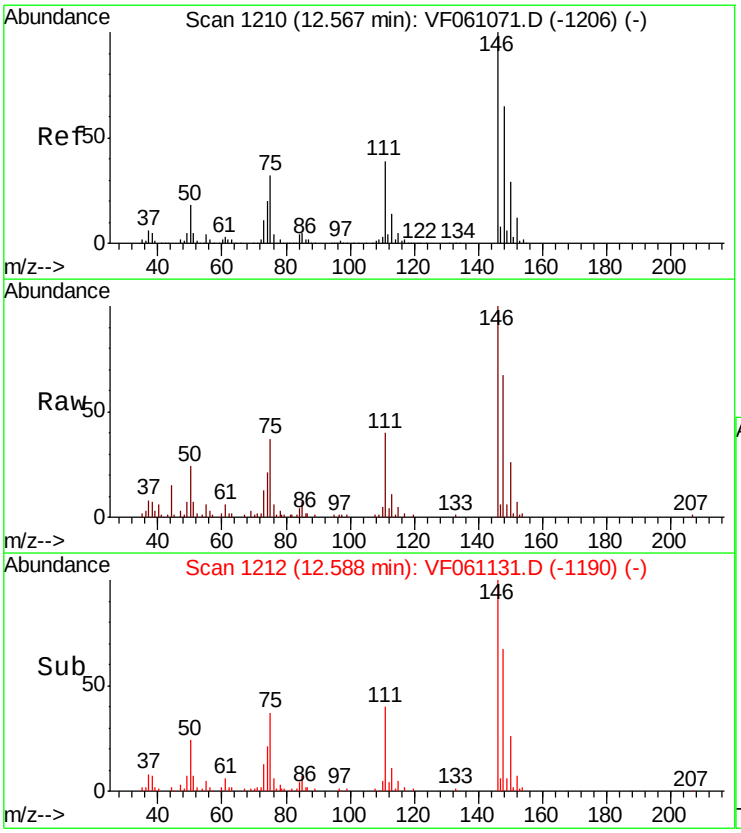
#87
1,3-Dichlorobenzene
Concen: 55.331 ug/l
RT: 12.50 min Scan# 1203
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:146 Resp: 7420

Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.3	57.9
148	70.1	32.4	97.2

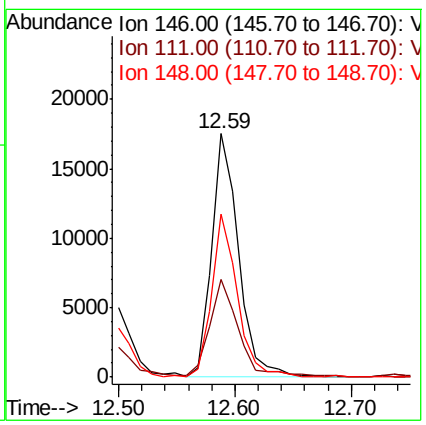


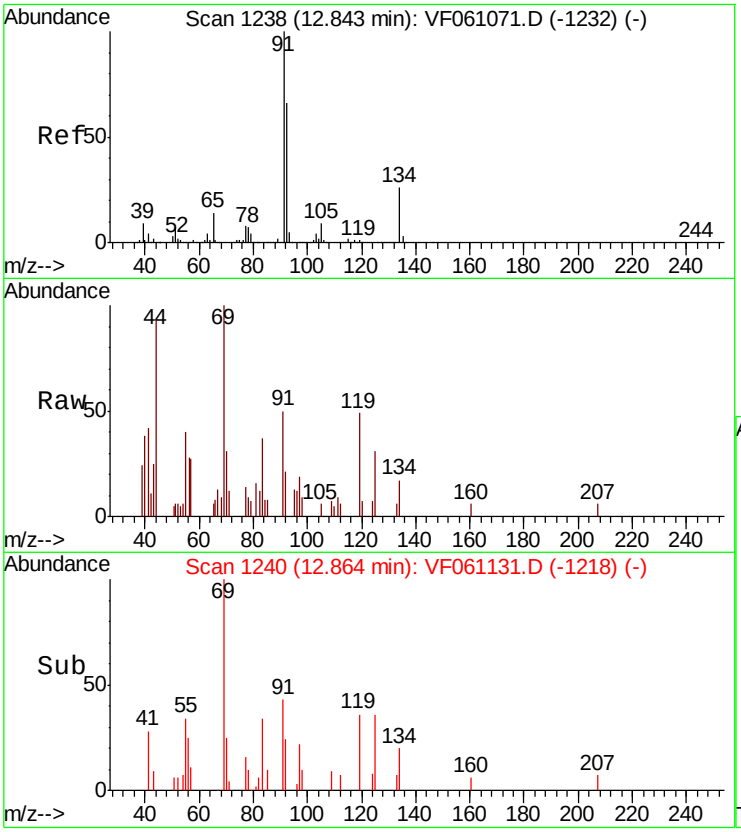


#88
1,4-Dichlorobenzene
Concen: 183.756 ug/l
RT: 12.59 min Scan# 1212
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:146 Resp: 28017

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.4
148	66.9	32.4	97.0



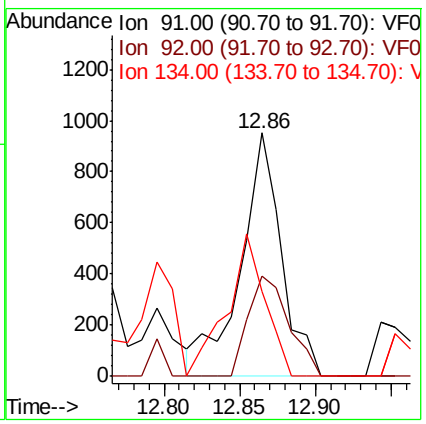


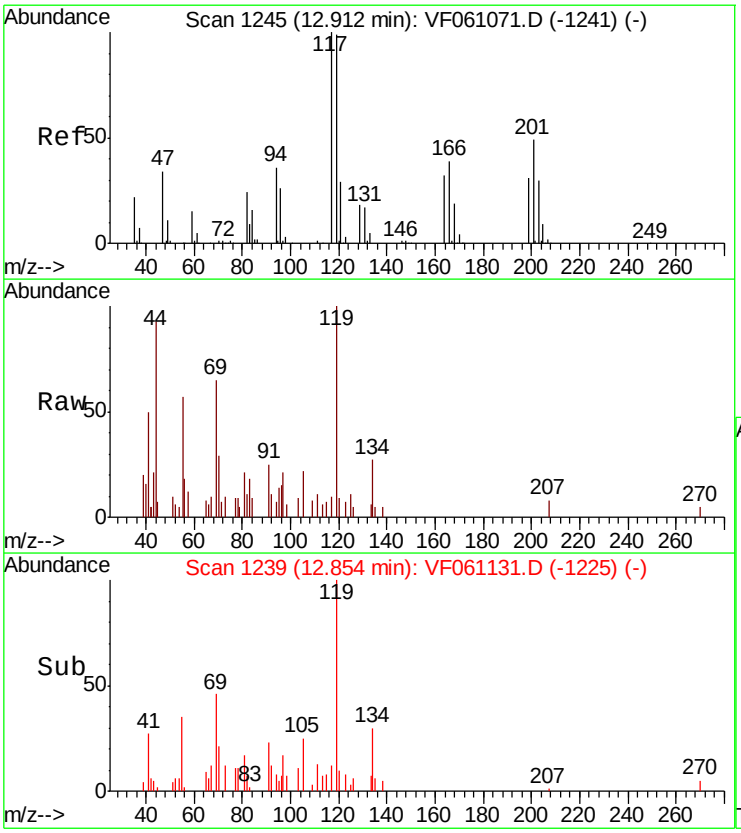
#89
n-Butylbenzene
Concen: 4.376 ug/l
RT: 12.86 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 91 Resp: 1786

Ion	Ratio	Lower	Upper
91	100		
92	41.3	32.8	98.4
134	34.9	13.2	39.5

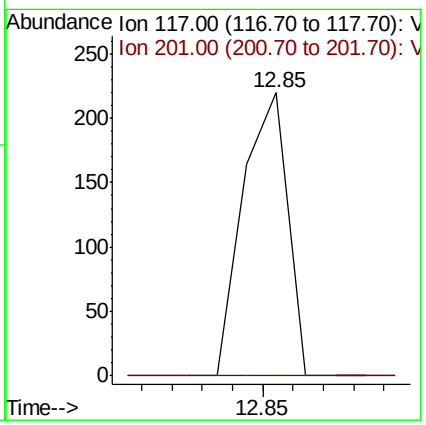


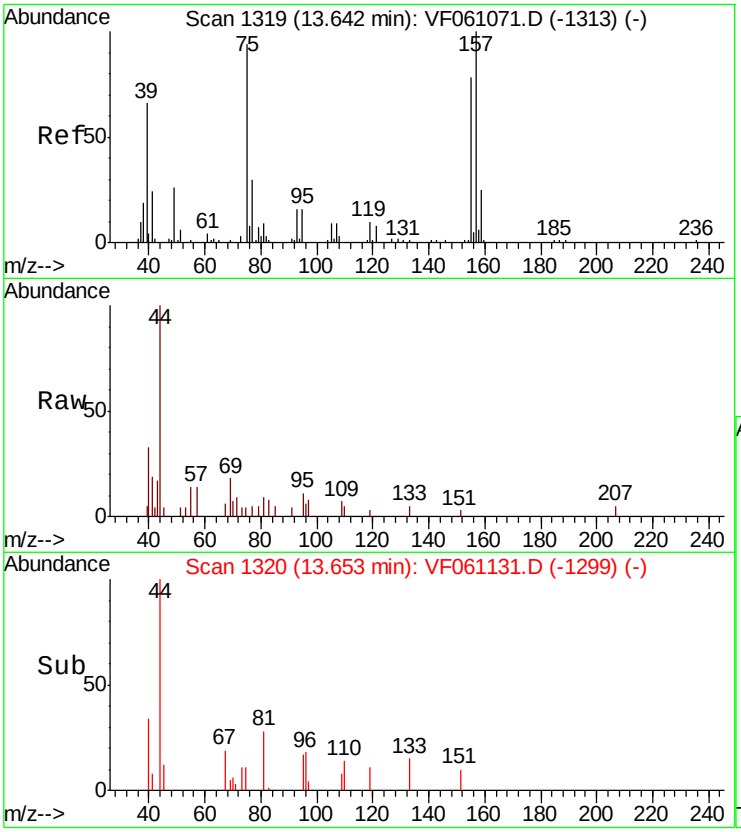


#90
Hexachloroethane
Concen: 2.595 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.06 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:117 Resp: 227

Ion	Ratio	Lower	Upper
117	100		
201	0.0	24.9	74.8#



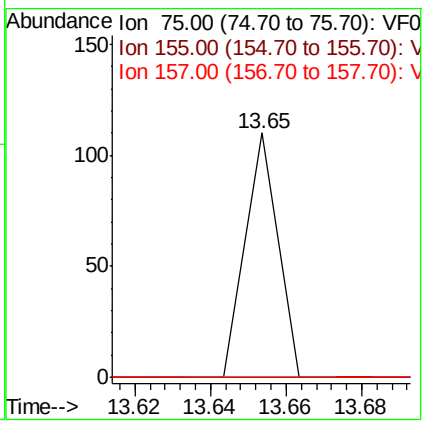


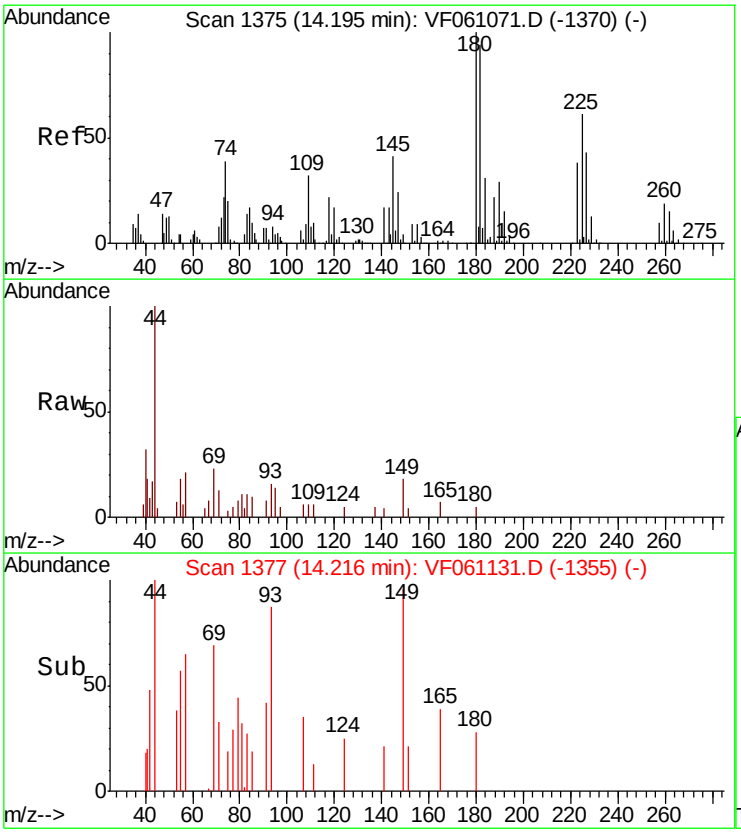
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.533 ug/l
RT: 13.65 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion: 75 Resp: 65

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

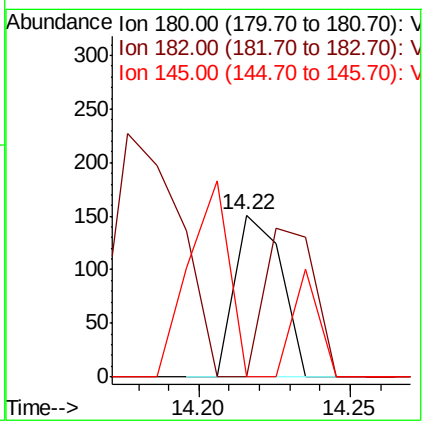


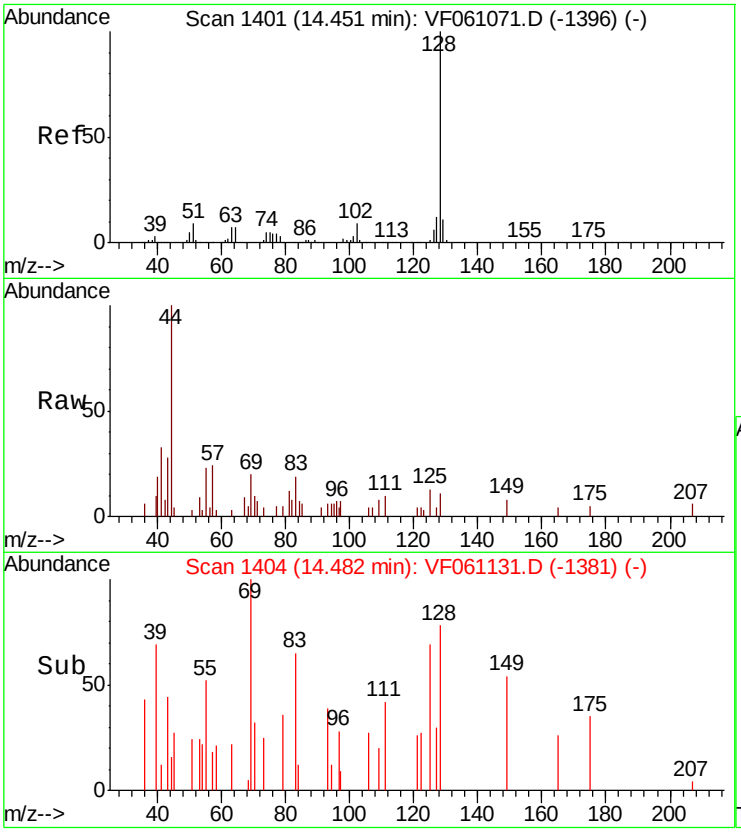


#93
1,2,4-Trichlorobenzene
Concen: 1.548 ug/l
RT: 14.22 min Scan# 1377
Delta R.T. 0.02 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Tgt Ion:180 Resp: 163

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





#95
Naphthalene
Concen: 3.433 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.03 min
Lab File: VF061131.D
Acq: 21 Dec 2018 17:41

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01RE

Tgt Ion:128 Resp: 660

Ion	Ratio	Lower	Upper
128	100		
127	38.0	9.4	14.2#
129	0.0	8.8	13.2#