Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061023.D
Acq On : 14 Dec 2018 16:41
Operator : VA/AP
Sample : J6403-21RE
Misc : 5.31g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 15 00:07:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	20066	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	30531	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	15448	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	2054	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	6144	25.99	ug/l	-0.05
Spiked Amount 50.000			Recovery =	51.98%		
35) Dibromofluoromethane	4.10	113	8937	36.90	ug/l	-0.05
Spiked Amount 50.000			Recovery =	73.80%		
50) Toluene-d8	7.55	98	23344	32.72	ug/l	-0.05
Spiked Amount 50.000			Recovery =	65.44%		
62) 4-Bromofluorobenzene	11.40	95	10850	33.46	ug/l	-0.04
Spiked Amount 50.000			Recovery =	66.92%		
Target Compounds						Qvalue
3) Chloromethane	1.10	50	687	3.519	ug/l #	41
5) Bromomethane	1.31	94	256	1.994	ug/l #	2
8) Diethyl Ether	1.57	74	66	1.175	ug/l	78
11) Tert butyl alcohol	2.50	59	136	14.035	ug/l #	62
13) Acrolein	1.96	56	848	92.365	ug/l	90
14) Allyl chloride	2.07	41	249	1.257	ug/l #	57
15) Acrylonitrile	2.96	53	600	27.619	ug/l #	1
16) Acetone	2.24	43	2460	56.434	ug/l	94
17) Carbon Disulfide	1.76	76	1011	2.373	ug/l #	1
18) Methyl Acetate	2.37	43	560	6.212	ug/l #	61
21) trans-1,2-Dichloroethene	2.29	96	189	1.234	ug/l #	1
23) Vinyl Acetate	3.17	43	266	1.080	ug/l #	80
25) 2-Butanone	4.32	43	1380	18.303	ug/l #	57
29) Tetrahydrofuran	4.07	42	332	10.388	ug/l #	37
37) Ethyl Acetate	4.13	43	562	4.084	ug/l #	14
39) Methylcyclohexane	5.44	83	2511	7.075	ug/l	88
40) Benzene	4.62	78	7281	9.732	ug/l #	83
41) Methacrylonitrile	4.76	41	237	Below Cal #		29
43) Isopropyl Acetate	6.94	43	147	Below Cal #		49
48) Methyl methacrylate	6.71	41	260	2.087	ug/l #	18
49) 1,4-Dioxane	6.86	88	63	69.105	ug/l #	1
51) 4-Methyl-2-Pentanone	8.21	43	527	4.153	ug/l #	38
52) Toluene	7.62	92	5856	11.144	ug/l #	72
56) Ethyl methacrylate	8.61	69	7673	45.109	ug/l #	81
57) 1,3-Dichloropropane	8.78	76	501	1.870	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.30	63	98	5.633	ug/l #	46
59) 2-Hexanone	9.41	43	735	8.256	ug/l #	27
67) Ethyl Benzene	9.89	91	72290	129.209	ug/l	99
68) m/p-Xylenes	10.13	106	10720	53.274	ug/l	78
69) o-Xylene	10.70	106	16829	75.843	ug/l	82
70) Styrene	10.78	104	2527	8.216	ug/l #	85
73) Isopropylbenzene	11.12	105	52130	321.159	ug/l	97
74) N-amyl acetate	11.39	43	943	25.159	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.76	83	436	16.321	ug/l #	46

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121418\
Data File : VF061023.D
Acq On : 14 Dec 2018 16:41
Operator : VA/AP
Sample : J6403-21RE
Misc : 5.31g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 15 00:07:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,2,3-Trichloropropane	11.82	75	1813	93.369	ug/l	#	1
77) Bromobenzene	11.52	156	860	24.167	ug/l	#	32
78) n-propylbenzene	11.59	91	12948	68.116	ug/l		95
79) 2-Chlorotoluene	11.72	91	26437	242.555	ug/l	#	43
80) 1,3,5-Trimethylbenzene	11.82	105	122309	928.184	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.88	75	139	14.610	ug/l	#	1
82) 4-Chlorotoluene	12.02	91	23984	209.098	ug/l	#	47
83) tert-Butylbenzene	12.20	119	36675	273.230	ug/l	#	70
84) 1,2,4-Trimethylbenzene	12.20	105	319971	2433.017	ug/l		98
85) sec-Butylbenzene	12.20	105	319971	1741.348	ug/l	#	58
86) p-Isopropyltoluene	12.42	119	122391	794.467	ug/l		98
88) 1,4-Dichlorobenzene	12.64	146	66	1.001	ug/l	#	1
89) n-Butylbenzene	12.82	91	67143	431.028	ug/l	#	1
90) Hexachloroethane	12.89	117	3210	86.531	ug/l	#	25
91) 1,2-Dichlorobenzene	12.99	146	264	4.118	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.70	75	4853	939.621	ug/l	#	7
93) 1,2,4-Trichlorobenzene	14.22	180	342	7.636	ug/l	#	1
95) Naphthalene	14.45	128	976577	12074.923	ug/l		99
96) 1,2,3-Trichlorobenzene	14.65	180	356	8.560	ug/l	#	1

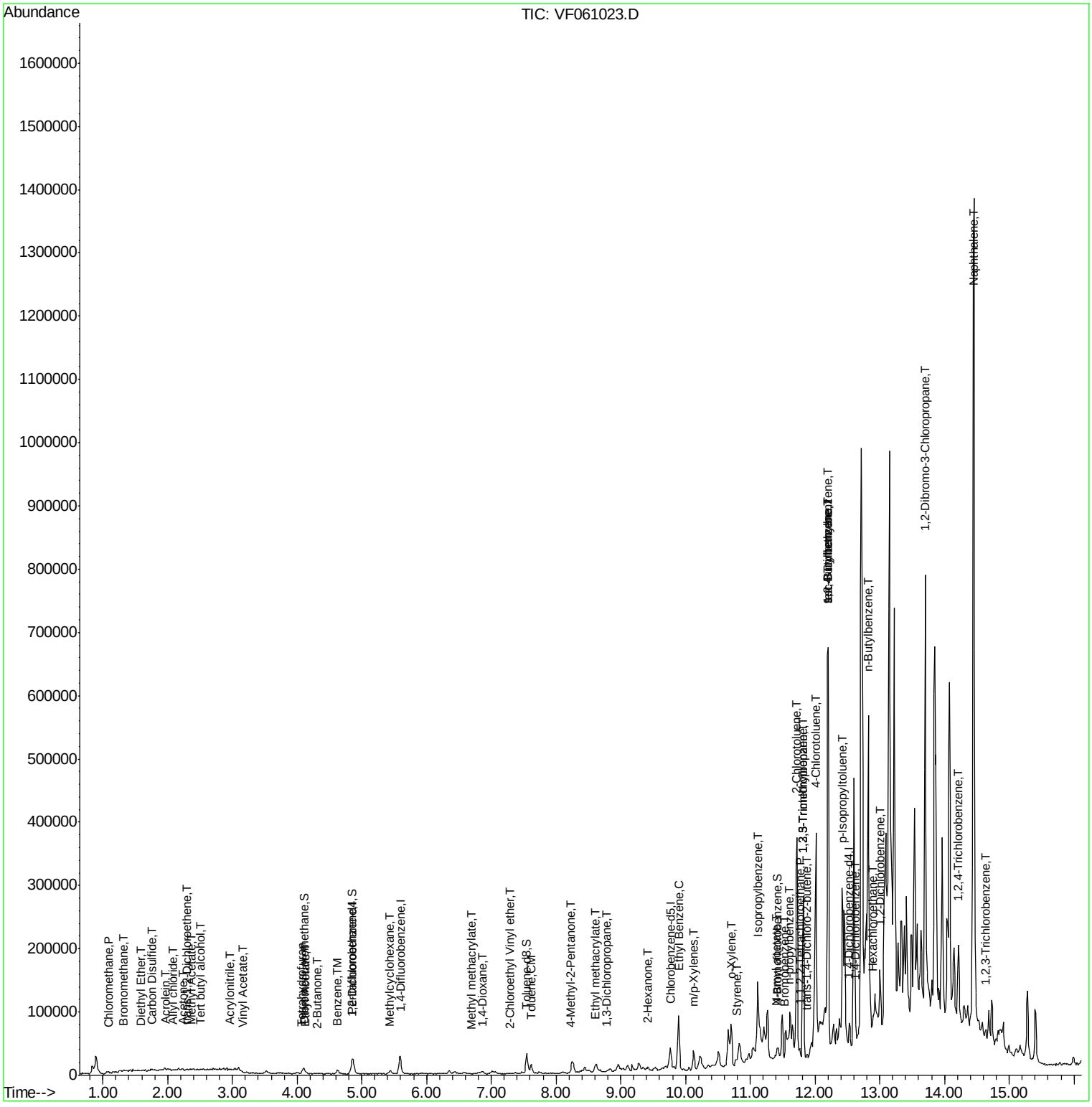
(#) = qualifier out of range (m) = manual integration (+) = signals summed

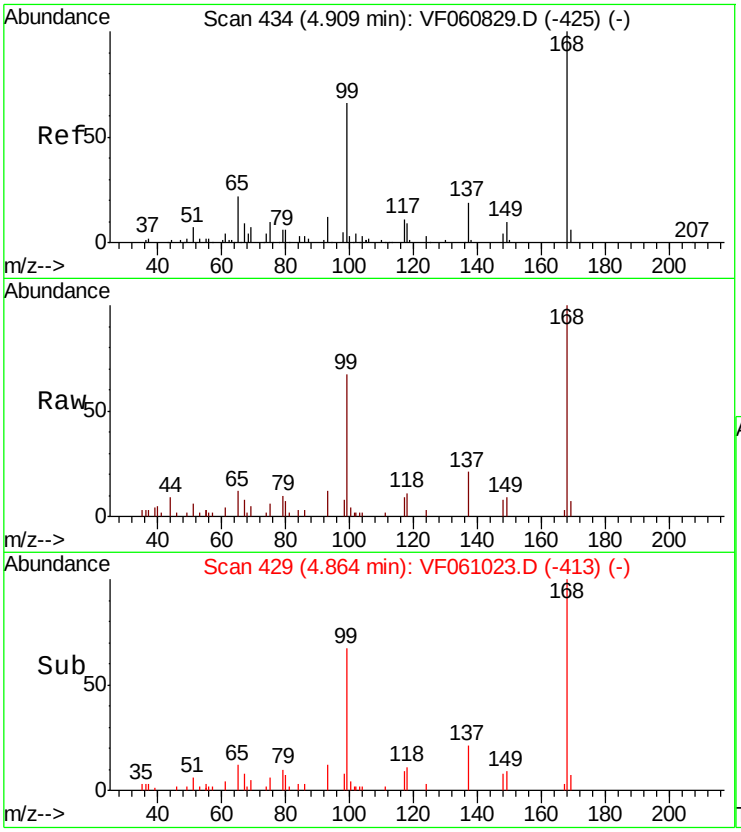
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121418\
Data File : VF061023.D
Acq On : 14 Dec 2018 16:41
Operator : VA/AP
Sample : J6403-21RE
Misc : 5.31g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 15 00:07:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



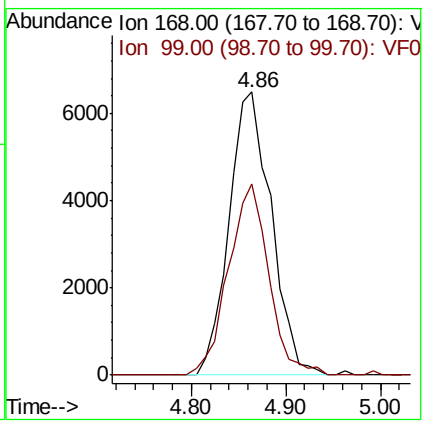


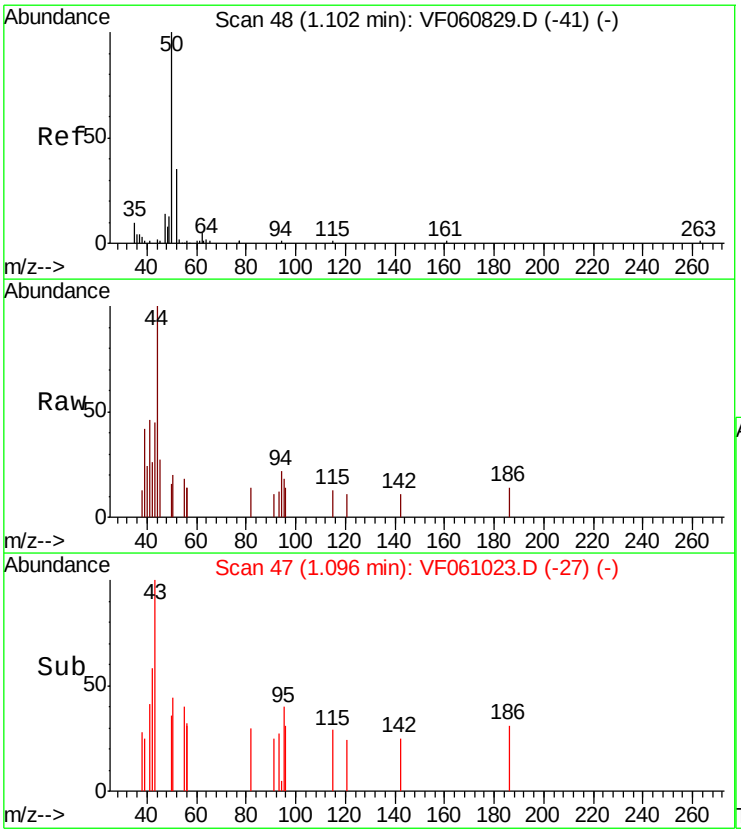
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 20066

Ion	Ratio	Lower	Upper
168	100		
99	67.4	52.6	79.0

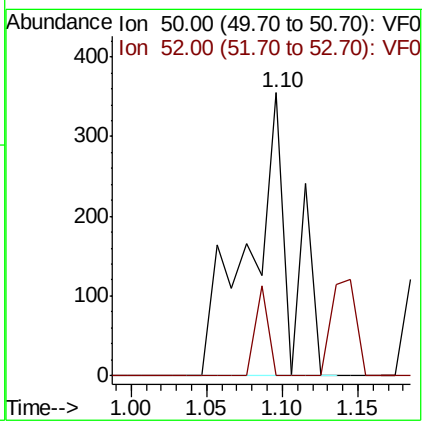


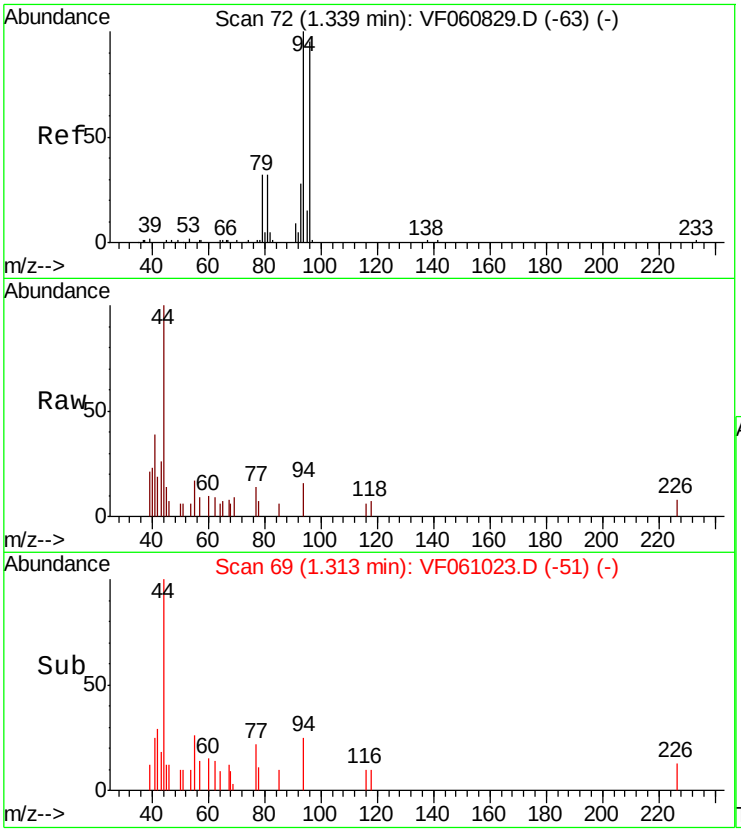


#3
Chloromethane
Concen: 3.519 ug/l
RT: 1.10 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 50 Resp: 687

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.4#



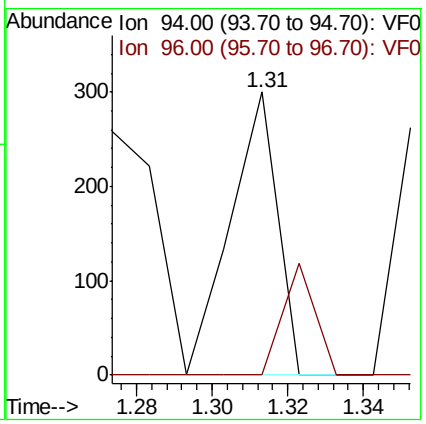


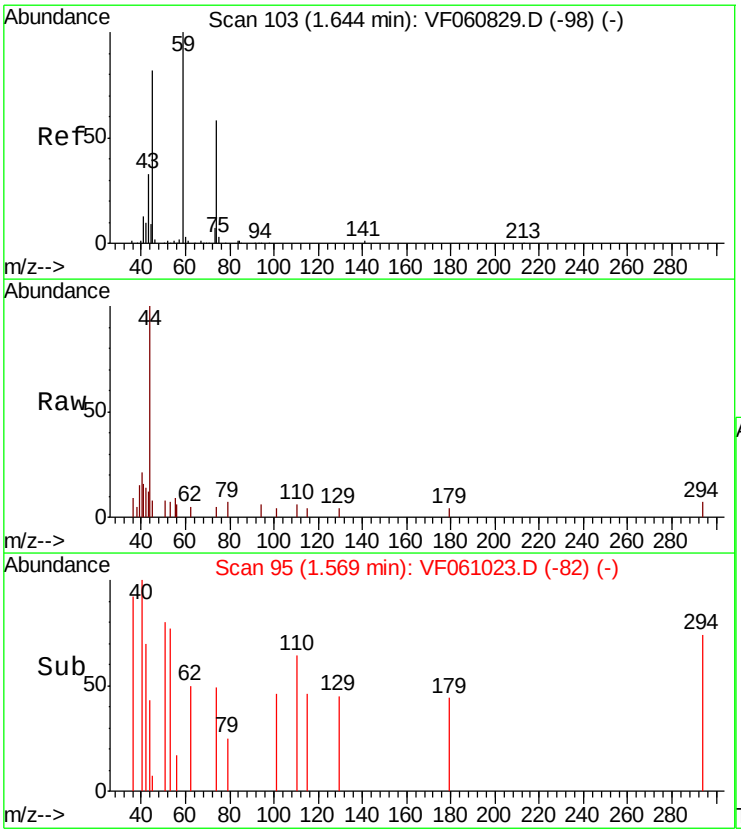
#5
Bromomethane
Concen: 1.994 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.03 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 256

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.9	113.9#

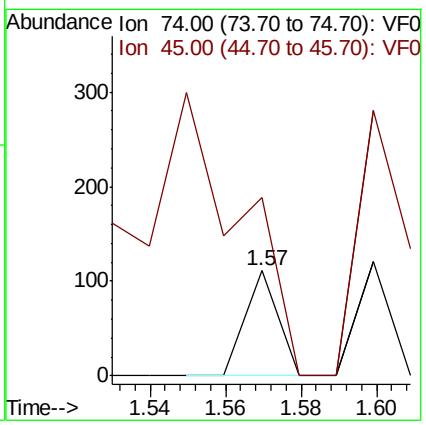


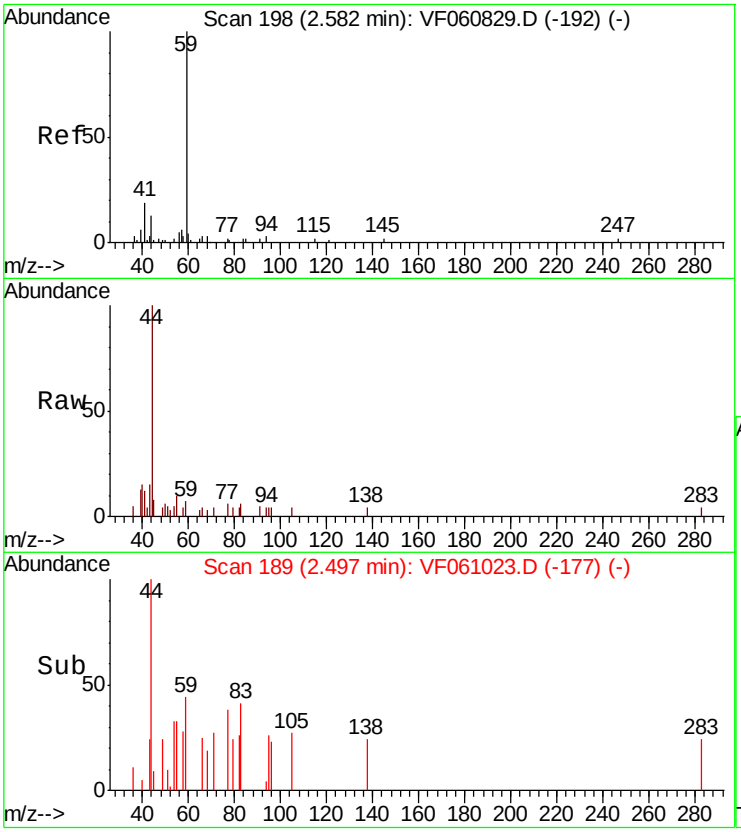


#8
Diethyl Ether
Concen: 1.175 ug/l
RT: 1.57 min Scan# 95
Delta R.T. -0.07 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 74 Resp: 66

Ion	Ratio	Lower	Upper
74	100		
45	169.4	71.0	212.8



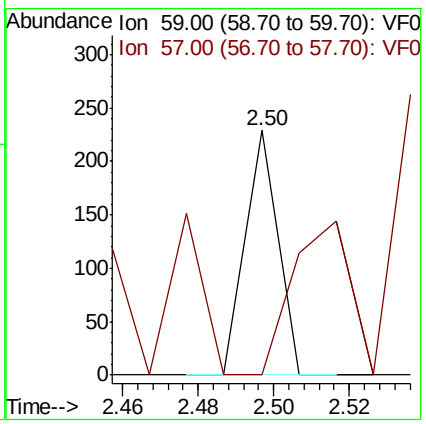


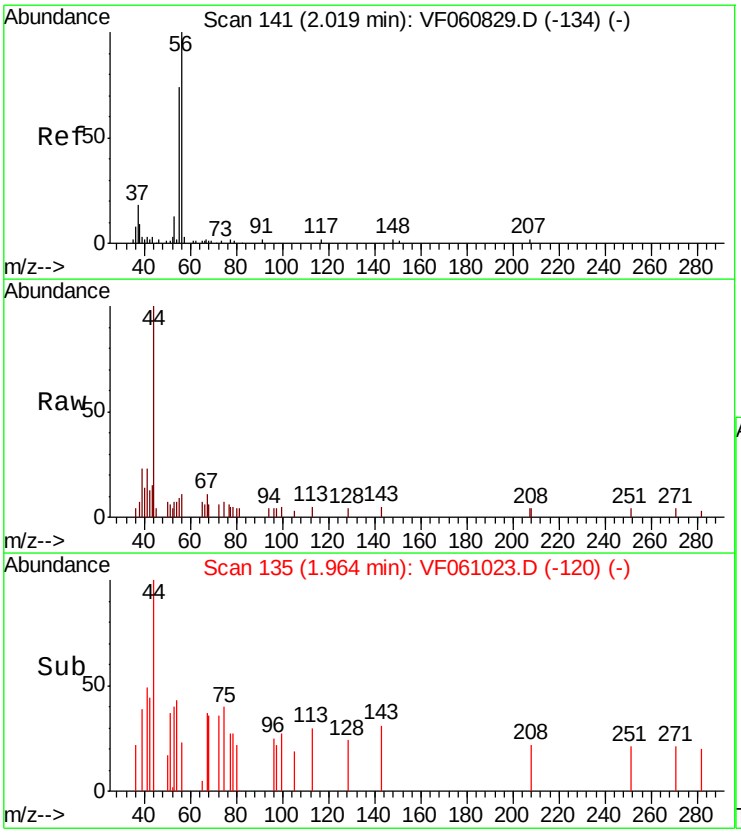
#11
Tert butyl alcohol
Concen: 14.035 ug/l
RT: 2.50 min Scan# 189
Delta R.T. -0.08 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 136

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#

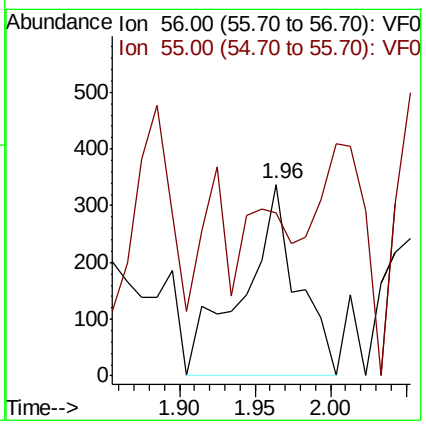


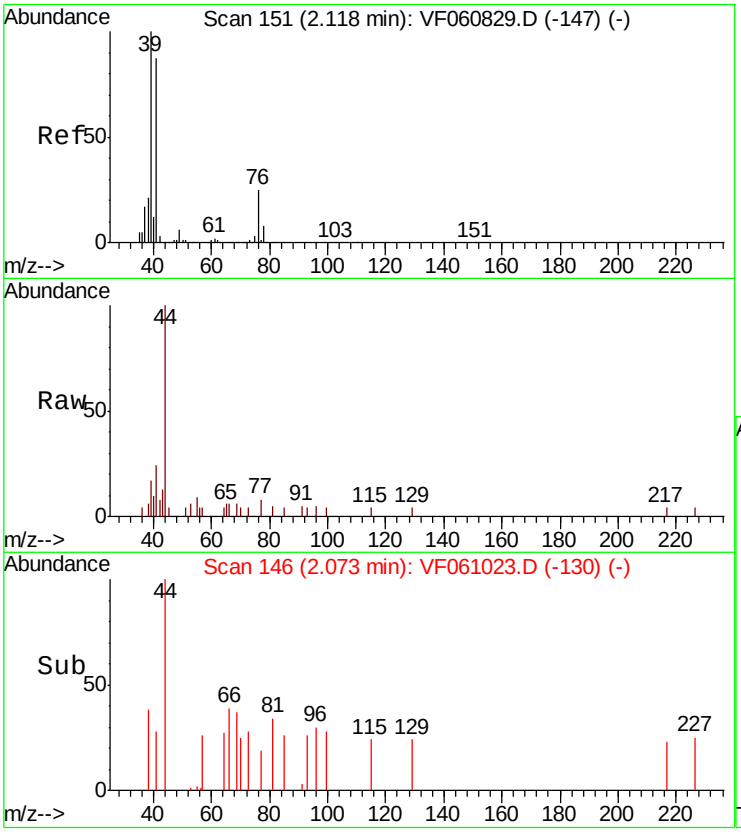


#13
Acrolein
Concen: 92.365 ug/l
RT: 1.96 min Scan# 135
Delta R.T. -0.06 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 56 Resp: 848

Ion	Ratio	Lower	Upper
56	100		
55	84.9	61.2	91.8



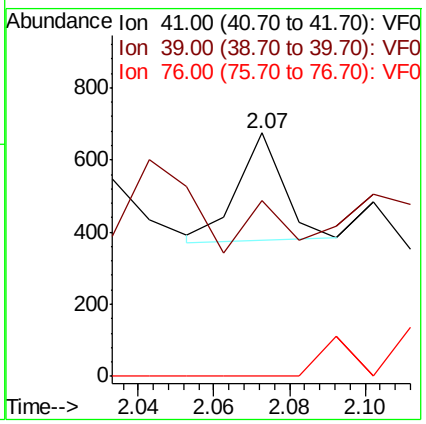


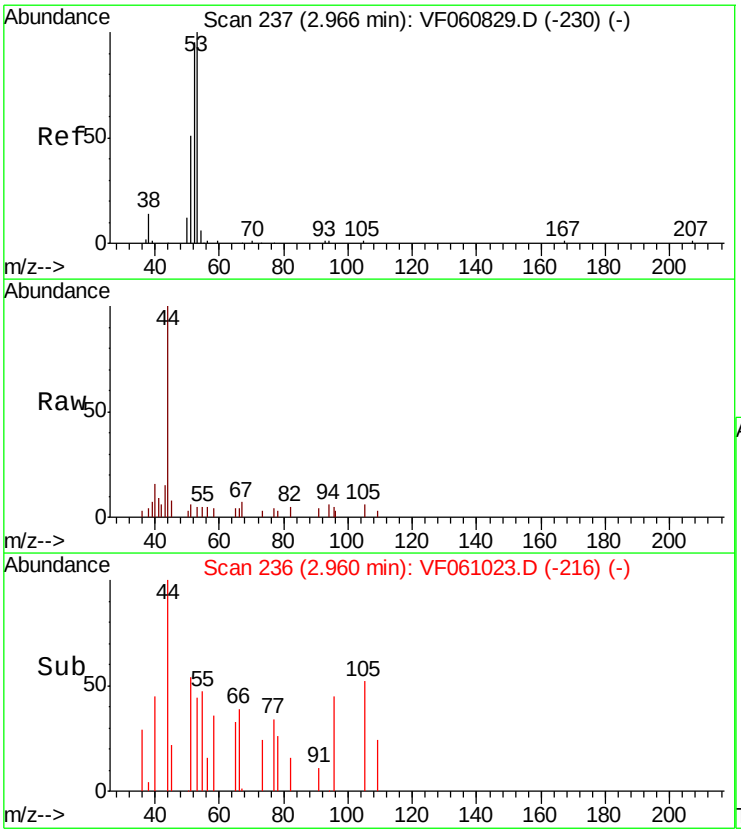
#14
Allyl chloride
Concen: 1.257 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 249

Ion	Ratio	Lower	Upper
41	100		
39	72.0	91.7	137.5#
76	0.0	23.5	35.3#

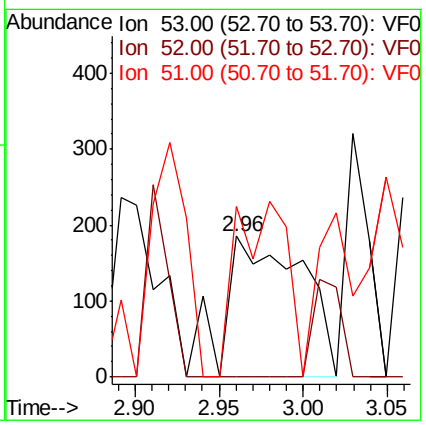


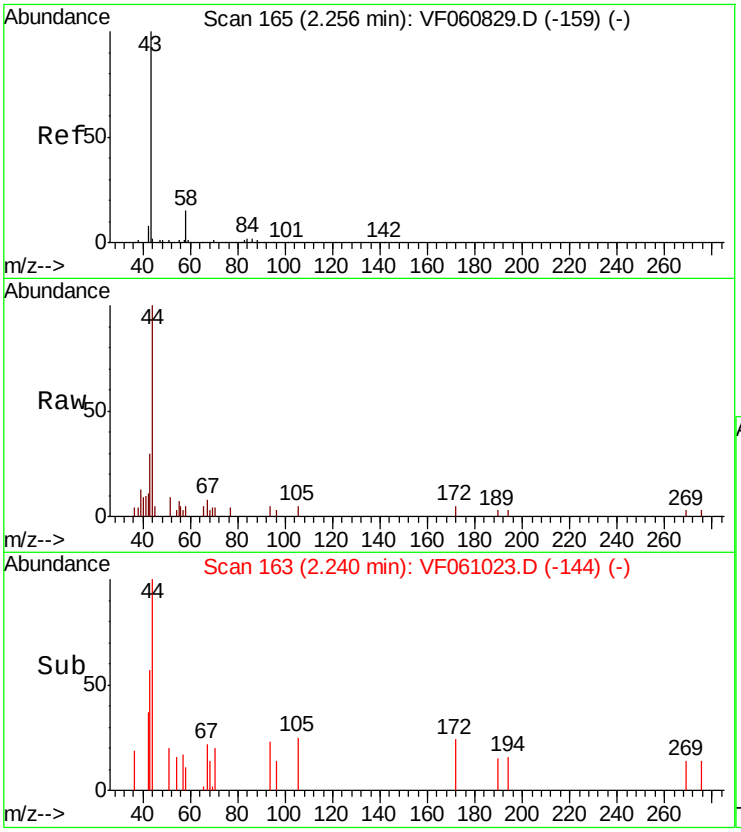


#15
Acrylonitrile
Concen: 27.619 ug/l
RT: 2.96 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 53 Resp: 600

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	121.6	40.7	61.1#



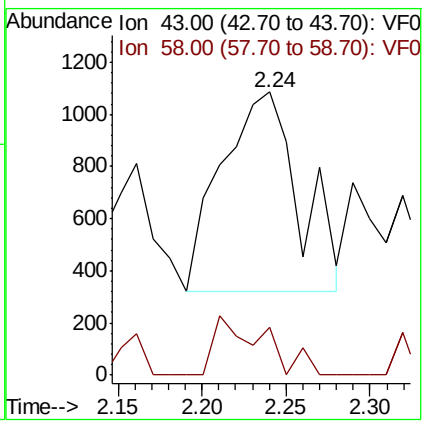


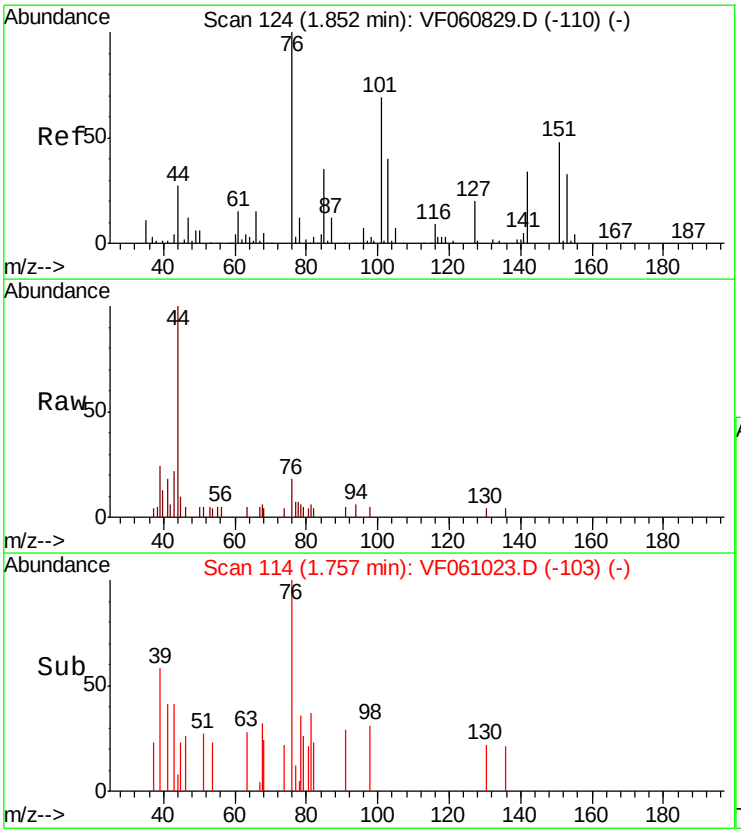
#16
Acetone
Concen: 56.434 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2460

Ion	Ratio	Lower	Upper
43	100		
58	16.7	11.4	17.2

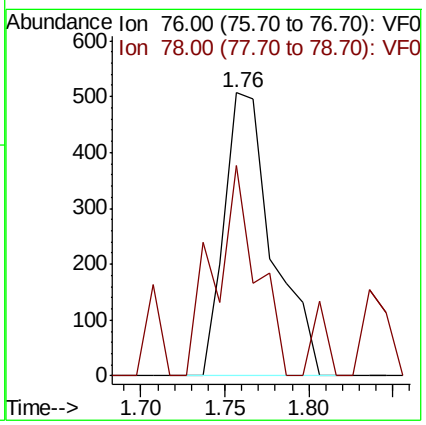


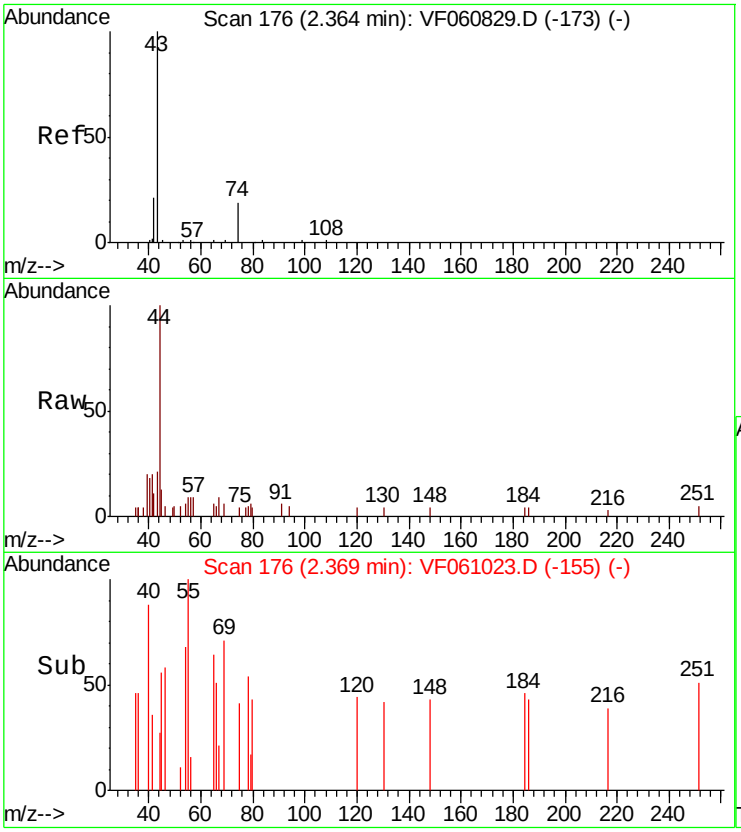


#17
Carbon Disulfide
Concen: 2.373 ug/l
RT: 1.76 min Scan# 114
Delta R.T. -0.09 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 76 Resp: 1011

Ion	Ratio	Lower	Upper
76	100		
78	74.2	10.2	15.2#



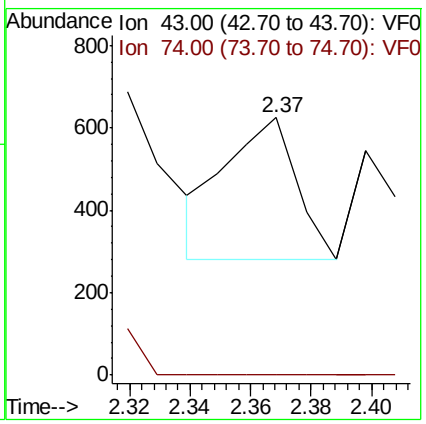


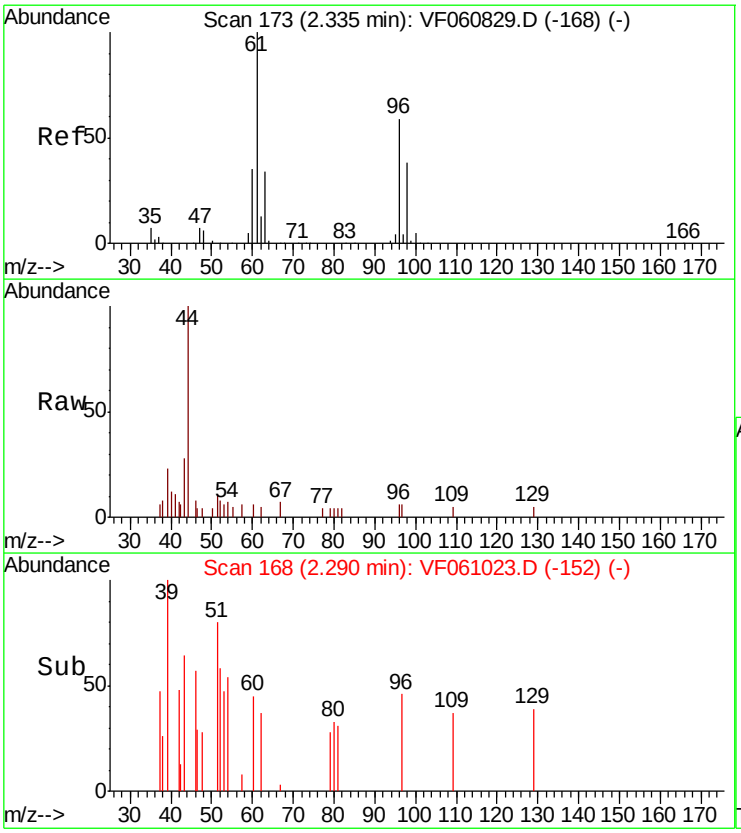
#18
Methyl Acetate
Concen: 6.212 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 560

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

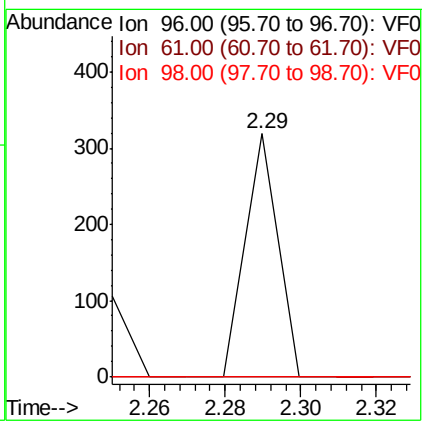


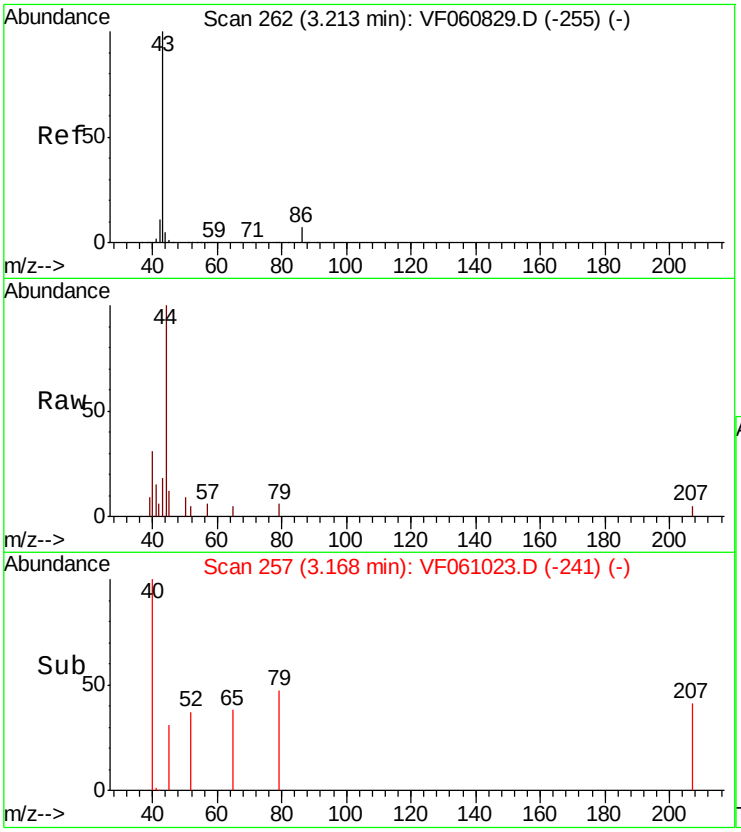


#21
trans-1,2-Dichloroethene
Concen: 1.234 ug/l
RT: 2.29 min Scan# 168
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 96 Resp: 189

Ion	Ratio	Lower	Upper
96	100		
61	0.0	134.5	201.7#
98	0.0	51.6	77.4#



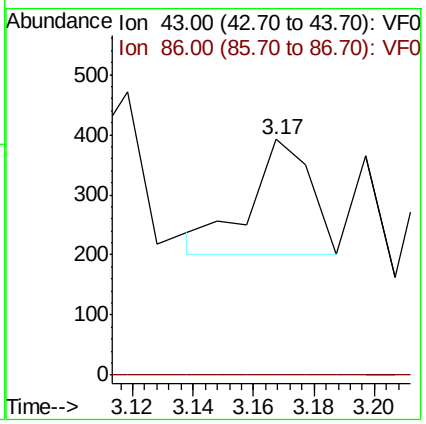


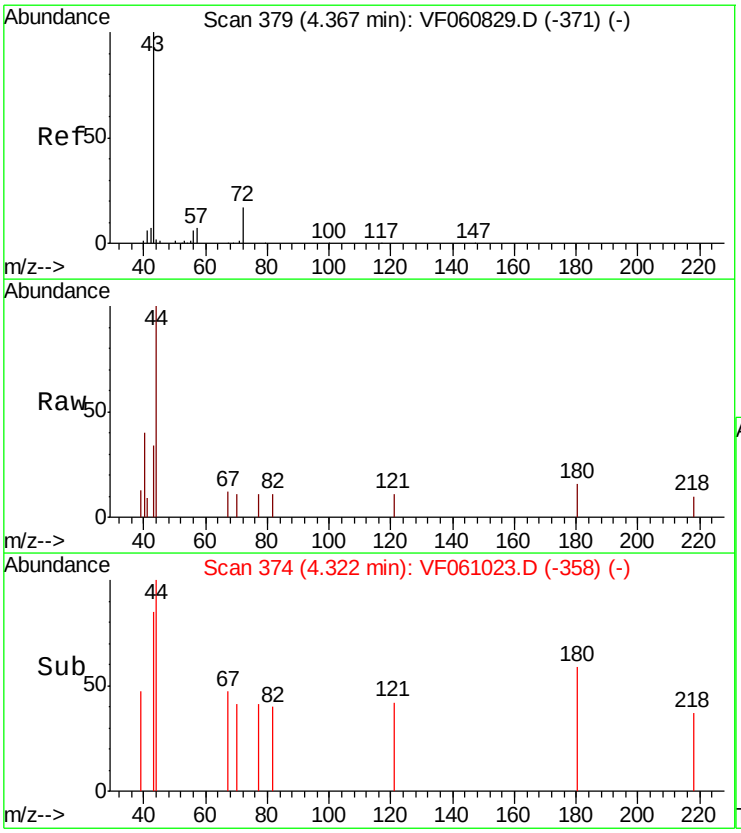
#23
Vinyl Acetate
Concen: 1.080 ug/l
RT: 3.17 min Scan# 257
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 266

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#

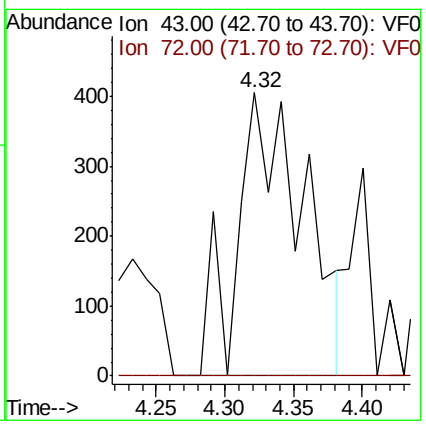


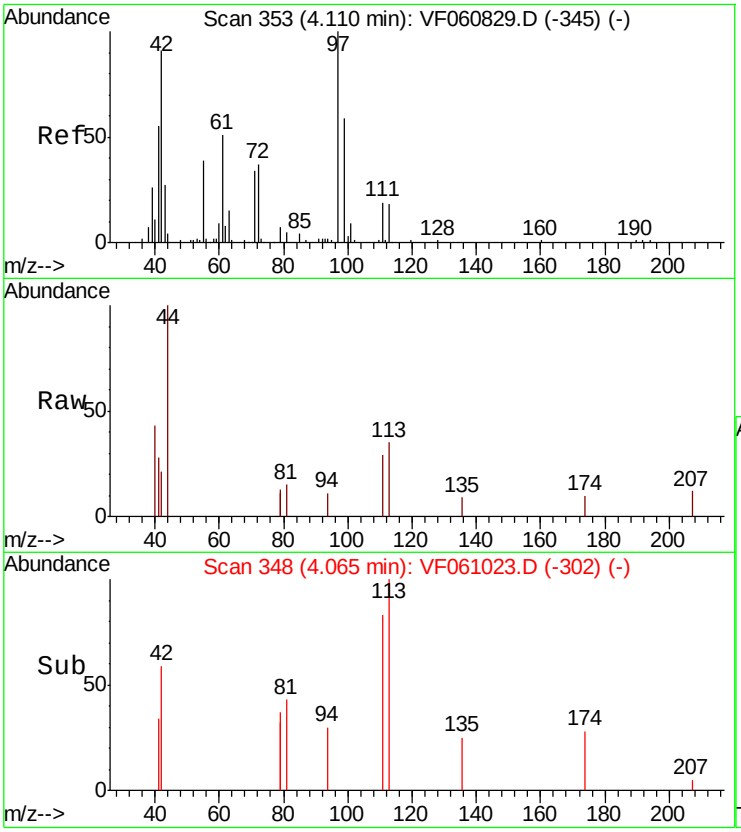


#25
2-Butanone
Concen: 18.303 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 43 Resp: 1380

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#



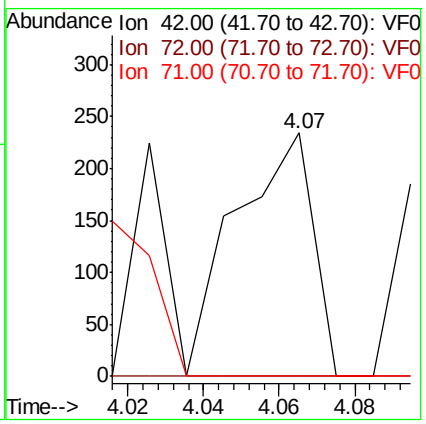


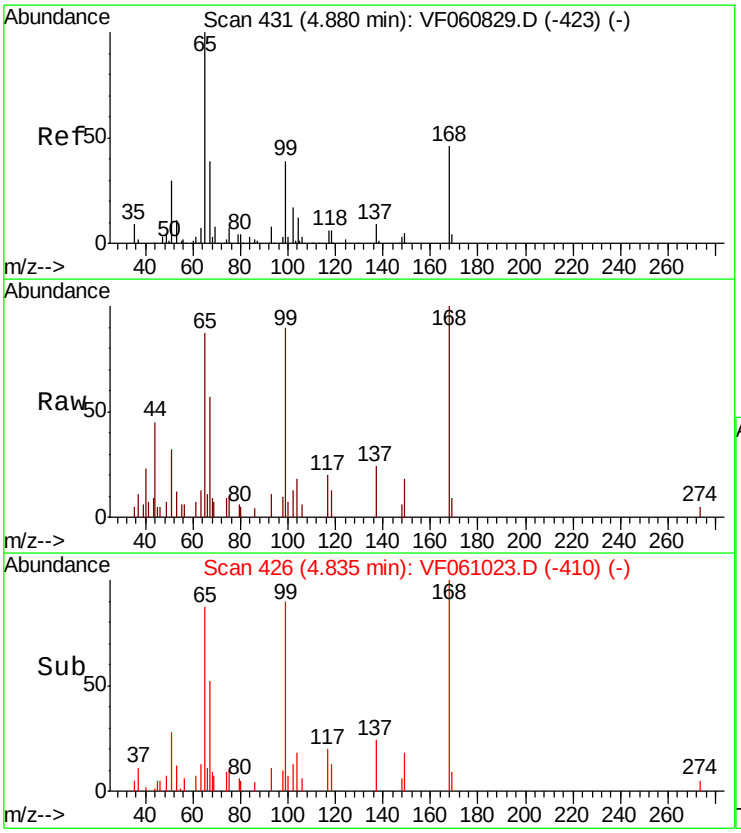
#29
Tetrahydrofuran
Concen: 10.388 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 332

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	28.7	43.1#

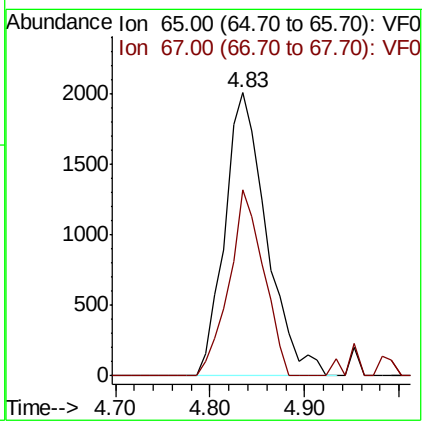


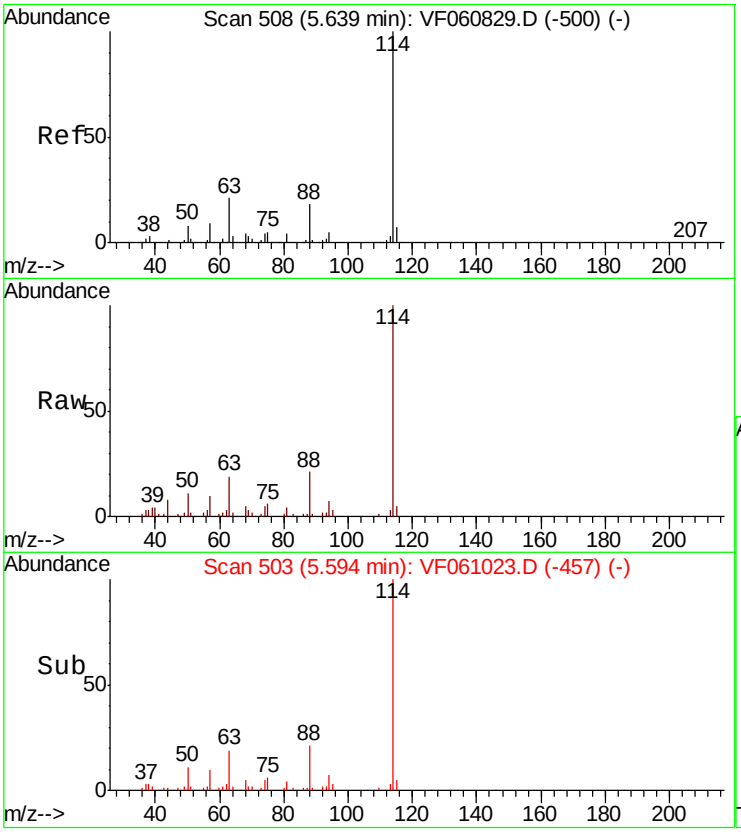


#33
1,2-Dichloroethane-d4
Concen: 25.992 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 65 Resp: 6144

Ion	Ratio	Lower	Upper
65	100		
67	65.7	0.0	96.4



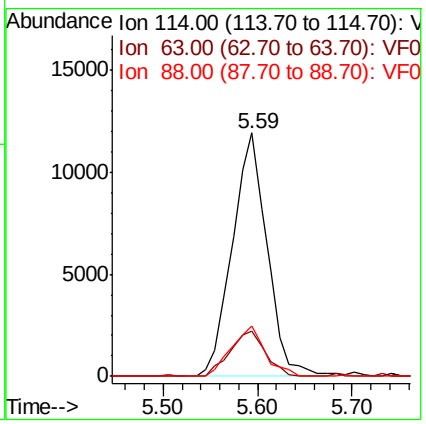


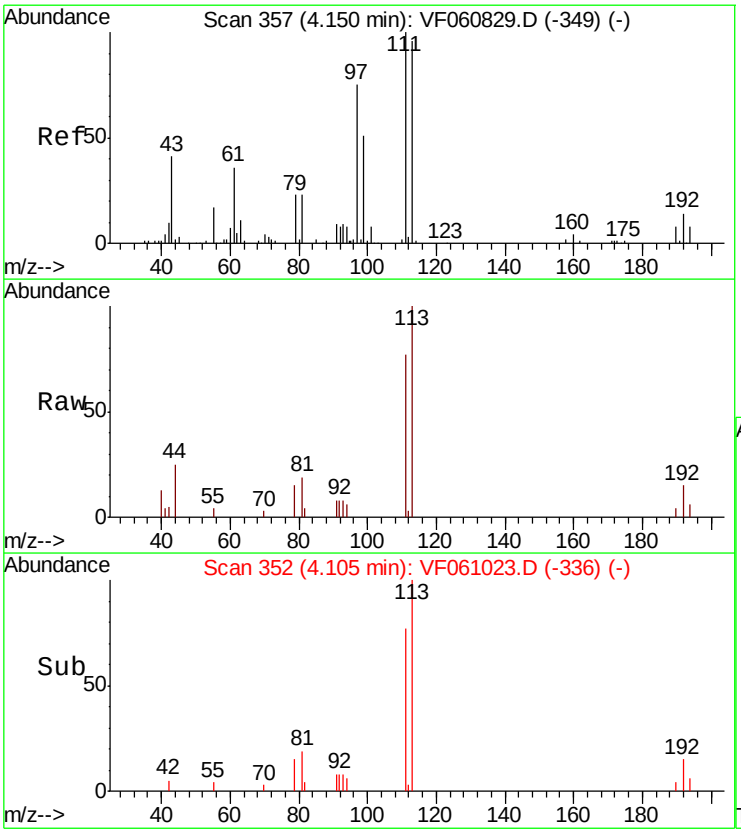
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 30531

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.6
88	20.7	0.0	36.6

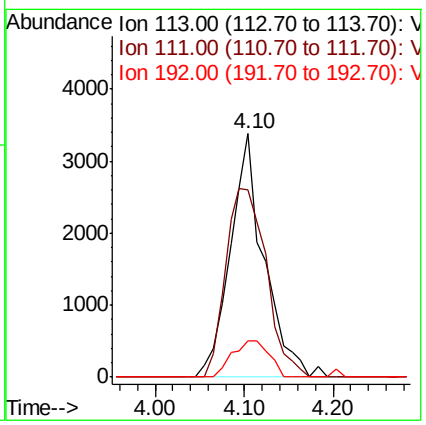


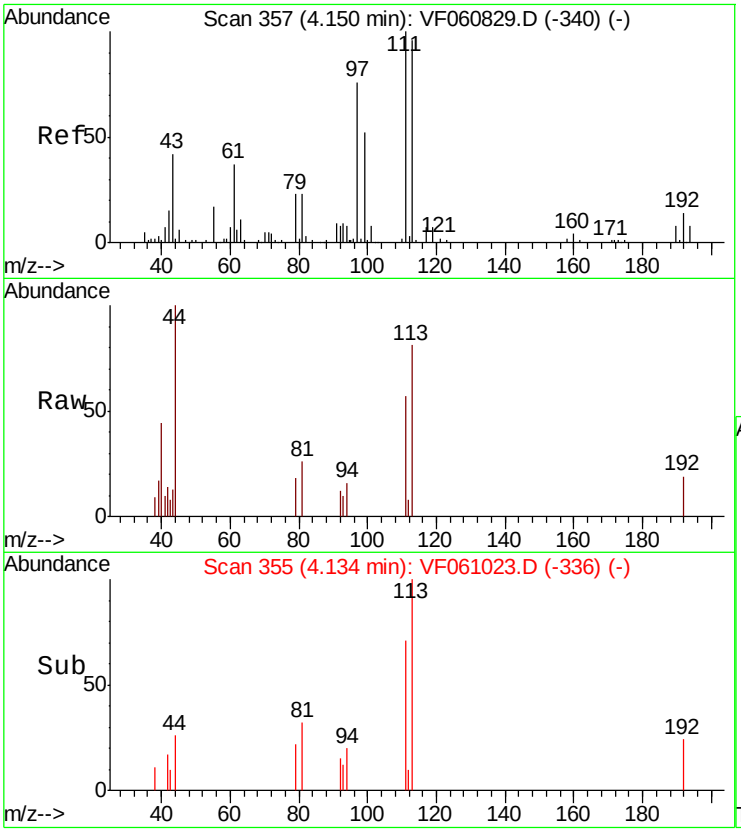


#35
Dibromofluoromethane
Concen: 36.898 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:113 Resp: 8937

Ion	Ratio	Lower	Upper
113	100		
111	77.0	83.0	124.6#
192	14.7	12.3	18.5



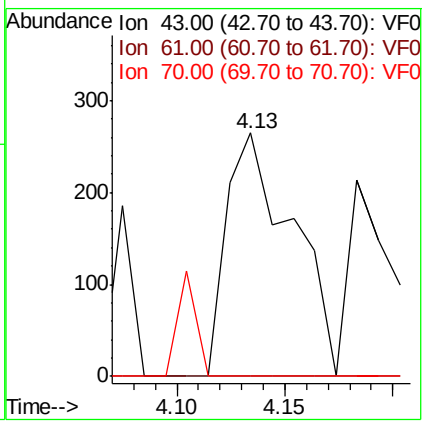


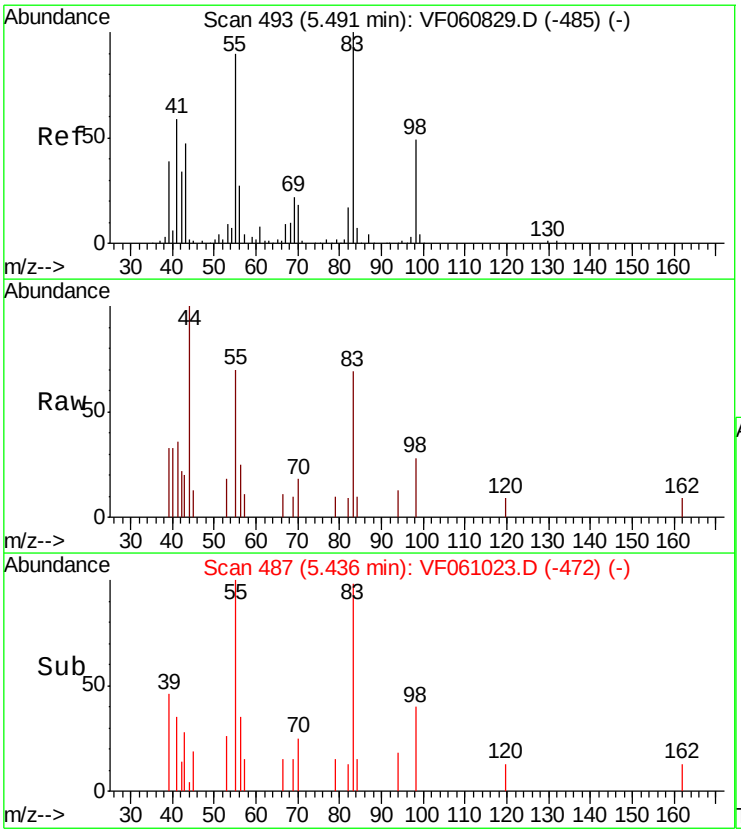
#37
Ethyl Acetate
Concen: 4.084 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 562

Ion	Ratio	Lower	Upper
43	100		
61	0.0	68.6	103.0#
70	0.0	9.0	13.4#

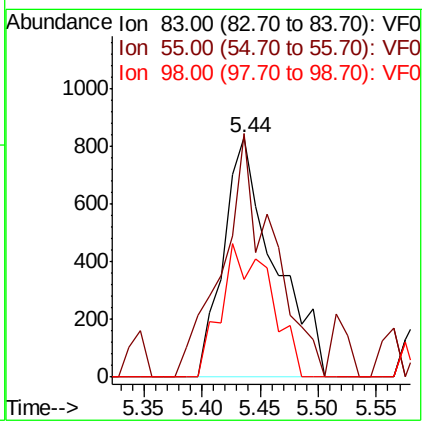


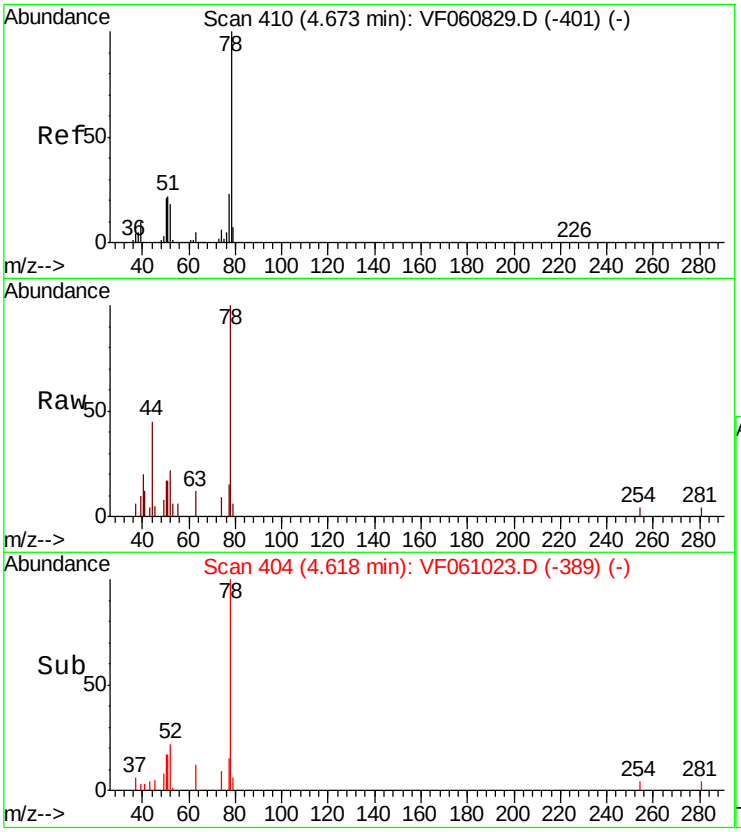


#39
Methylcyclohexane
Concen: 7.075 ug/l
RT: 5.44 min Scan# 487
Delta R.T. -0.06 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 83 Resp: 2511

Ion	Ratio	Lower	Upper
83	100		
55	101.8	72.1	108.1
98	40.7	39.1	58.7



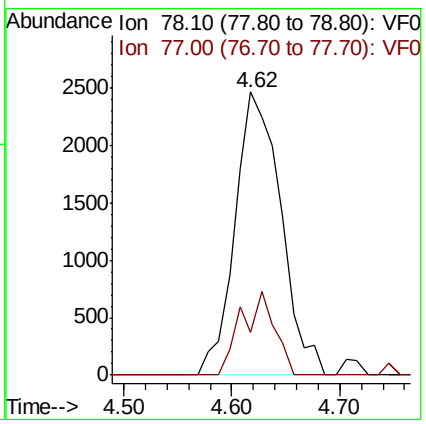


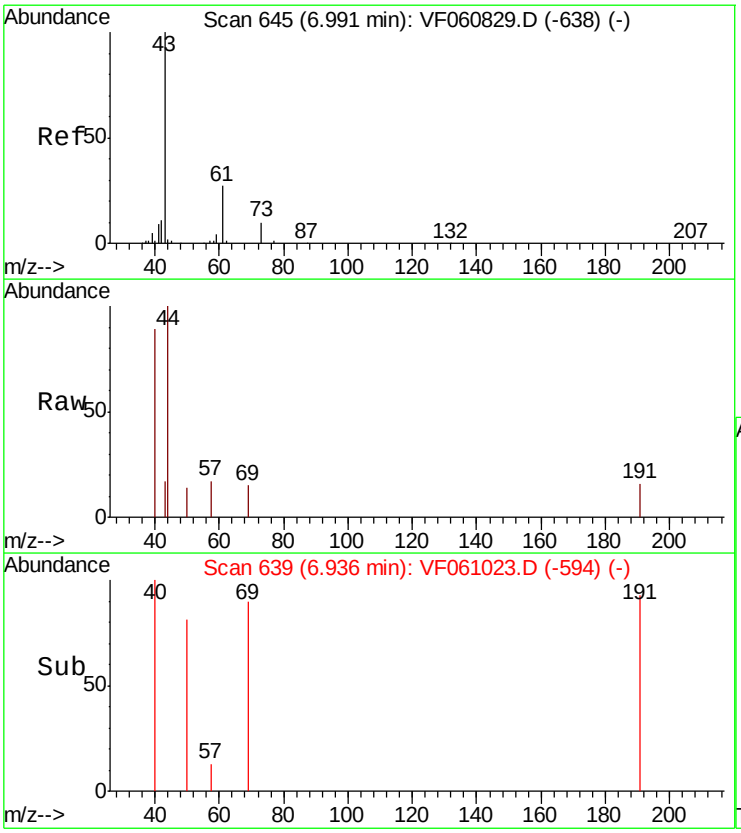
#40
Benzene
Concen: 9.732 ug/l
RT: 4.62 min Scan# 404
Delta R.T. -0.06 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 7281

Ion	Ratio	Lower	Upper
78	100		
77	15.1	18.7	28.1#

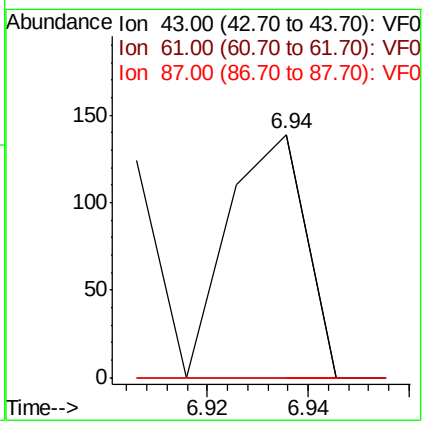


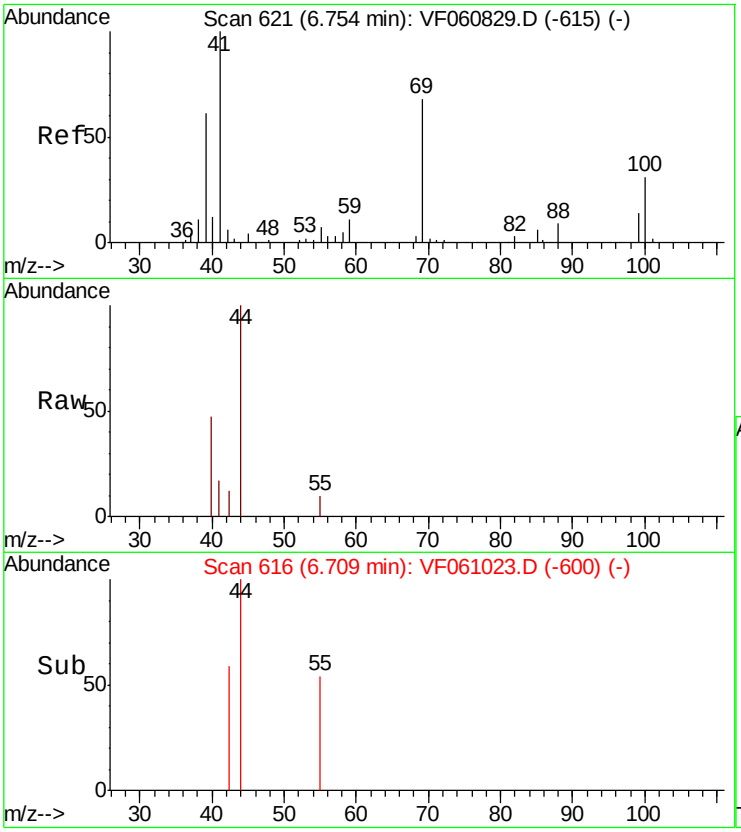


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.94 min Scan# 639
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 43 Resp: 147

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



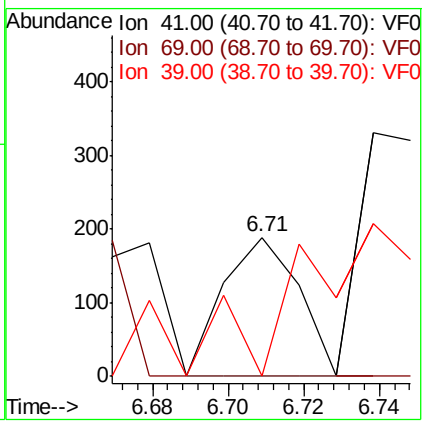


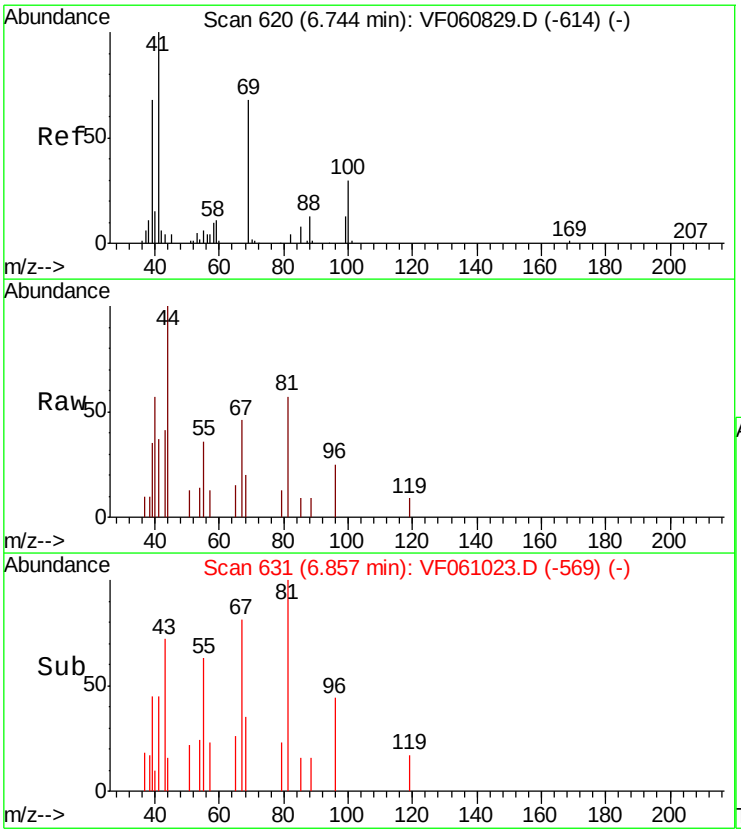
#48
Methyl methacrylate
Concen: 2.087 ug/l
RT: 6.71 min Scan# 616
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 260

Ion	Ratio	Lower	Upper
41	100		
69	0.0	53.9	80.9#
39	0.0	49.0	73.6#

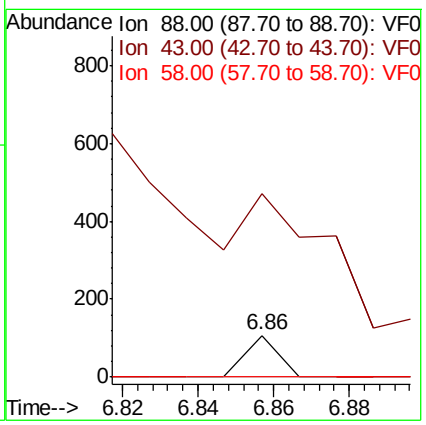


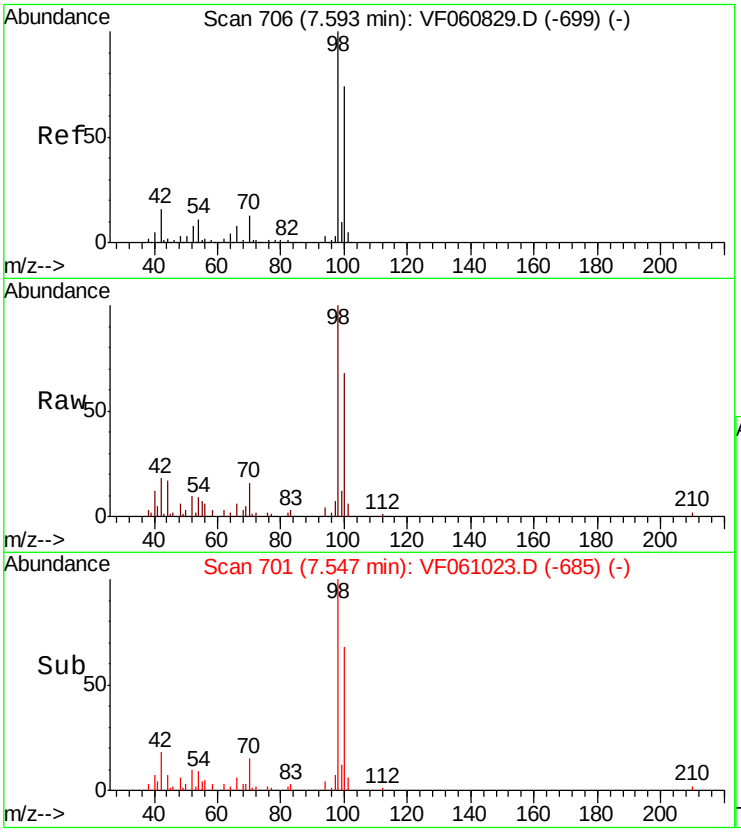


#49
1,4-Dioxane
Concen: 69.105 ug/l
RT: 6.86 min Scan# 631
Delta R.T. 0.11 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	442.1	42.0	63.0#
58	0.0	61.8	92.8#



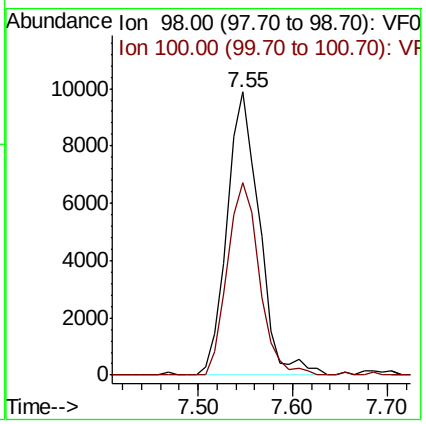


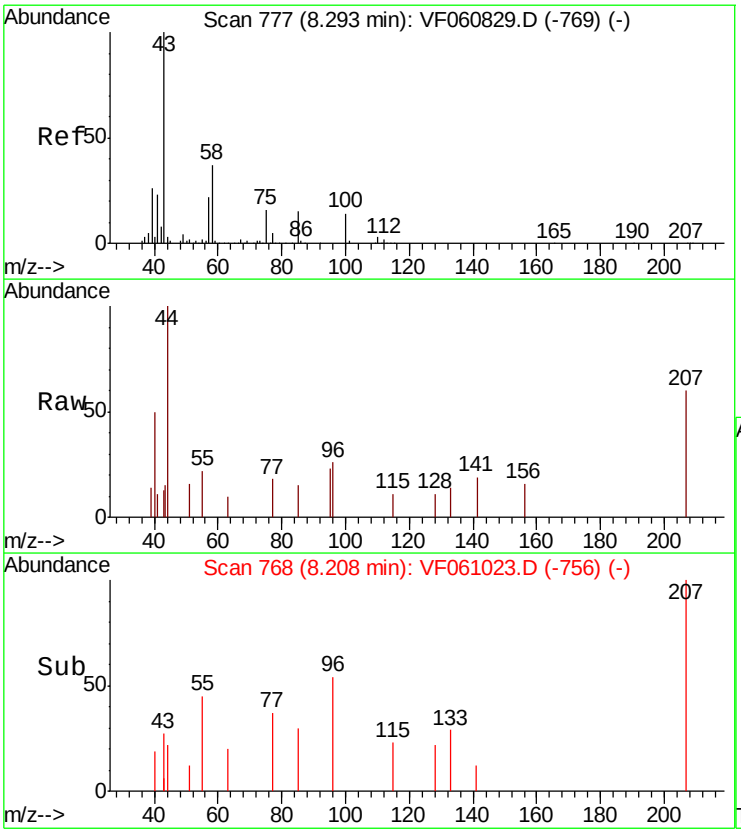
#50
Toluene-d8
Concen: 32.719 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 23344

Ion	Ratio	Lower	Upper
98	100		
100	68.2	59.3	88.9

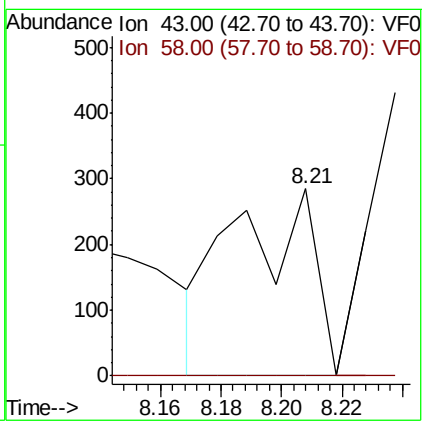


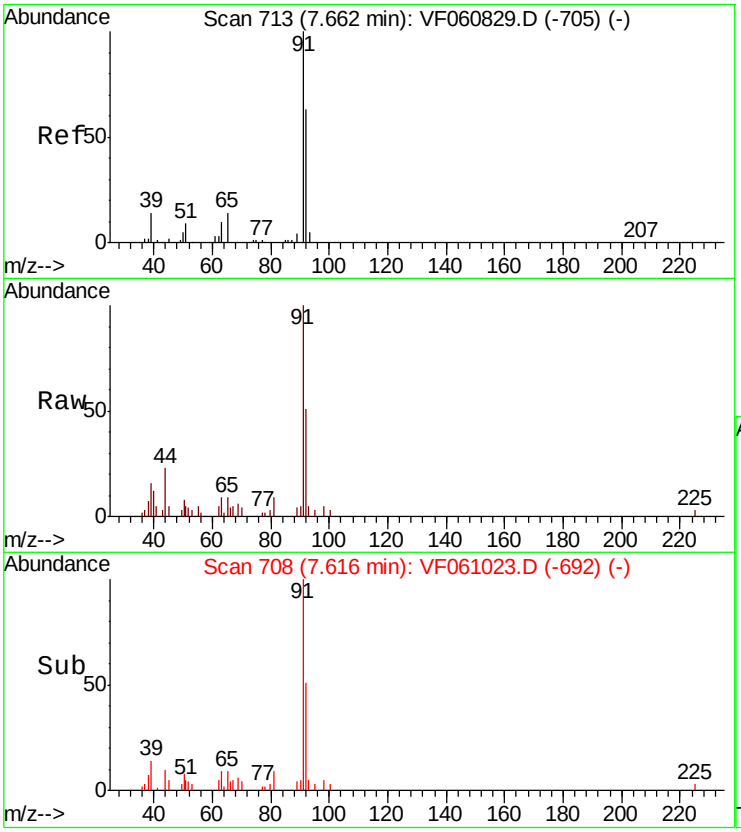


#51
4-Methyl-2-Pentanone
Concen: 4.153 ug/l
RT: 8.21 min Scan# 768
Delta R.T. -0.08 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 43 Resp: 527

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



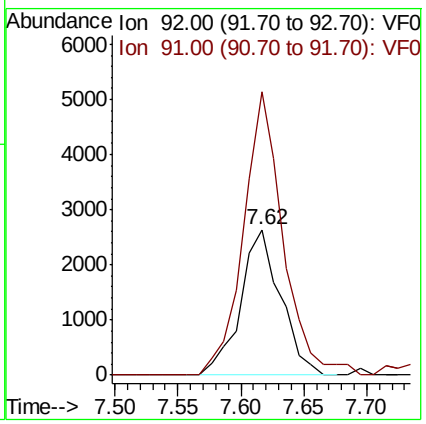


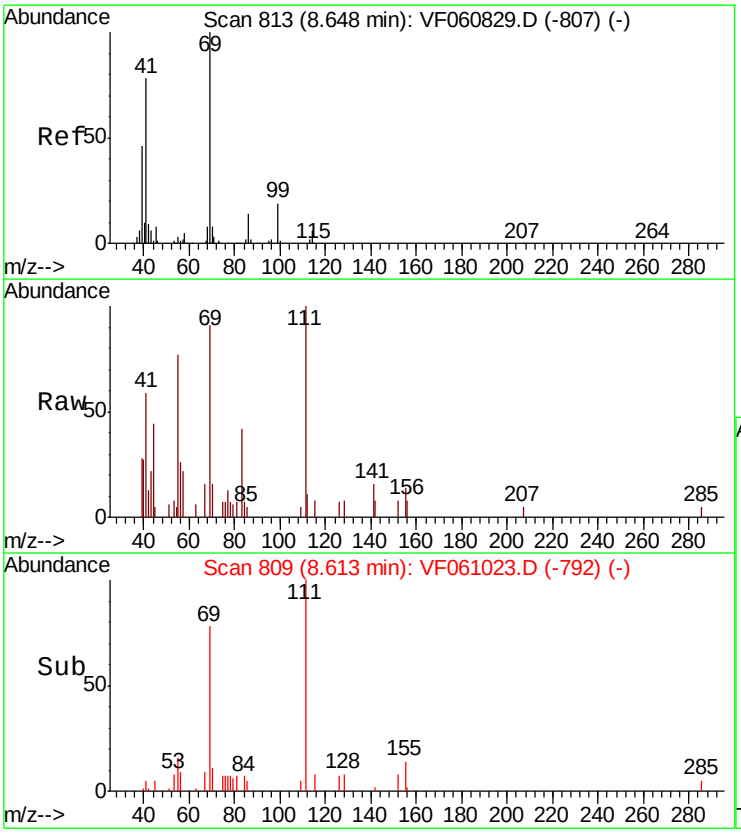
#52
Toluene
Concen: 11.144 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 5856

Ion	Ratio	Lower	Upper
92	100		
91	194.5	126.2	189.2#

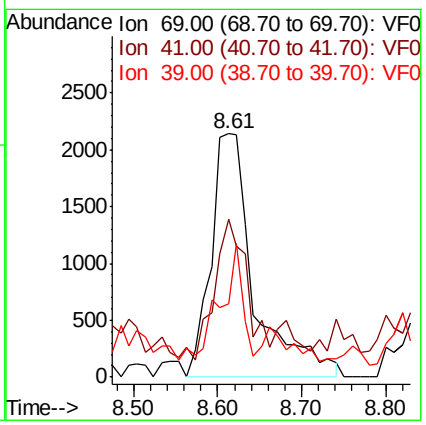


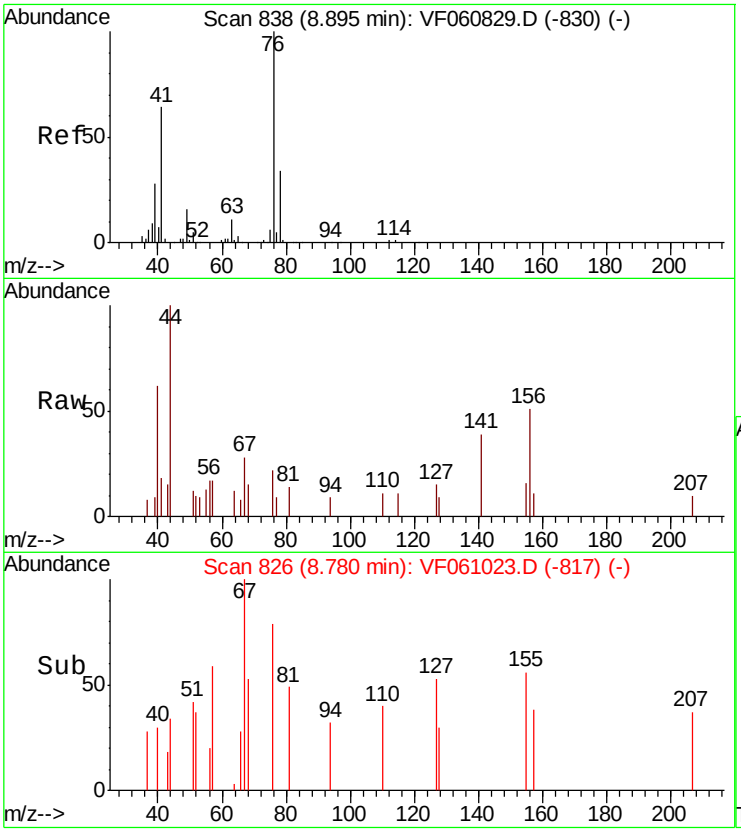


#56
Ethyl methacrylate
Concen: 45.109 ug/l
RT: 8.61 min Scan# 809
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 69 Resp: 7673

Ion	Ratio	Lower	Upper
69	100		
41	65.1	62.6	94.0
39	30.3	37.8	56.6#



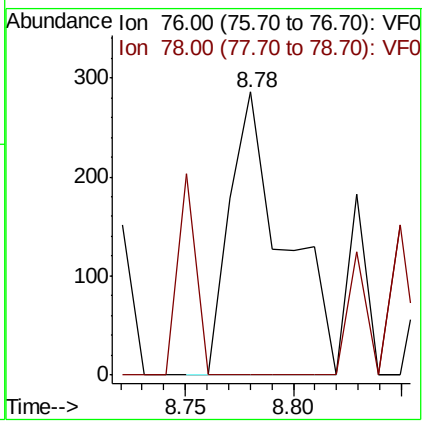


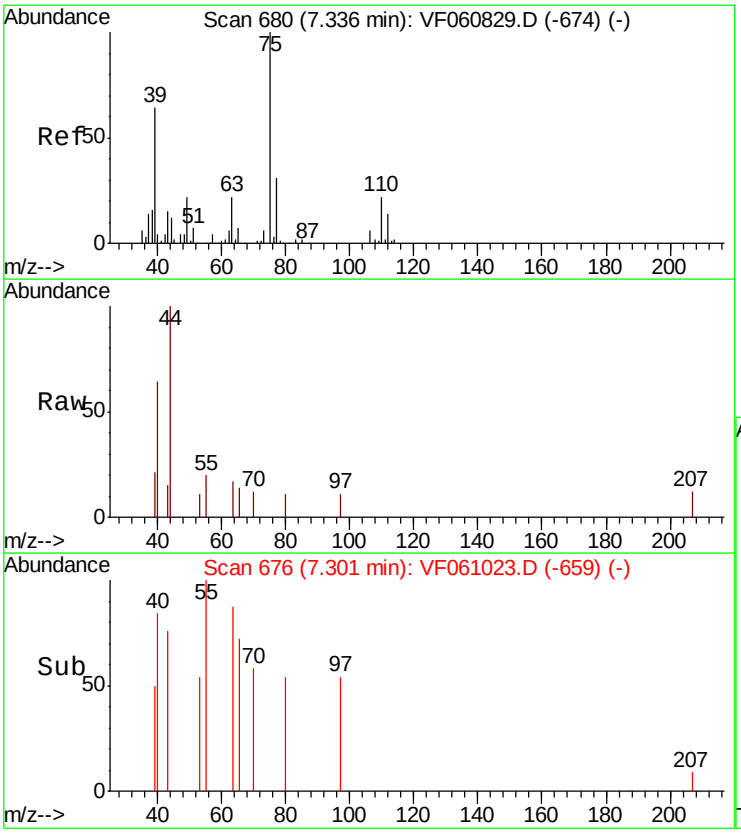
#57
1,3-Dichloropropane
Concen: 1.870 ug/l
RT: 8.78 min Scan# 826
Delta R.T. -0.11 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 501

Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.0	40.4#

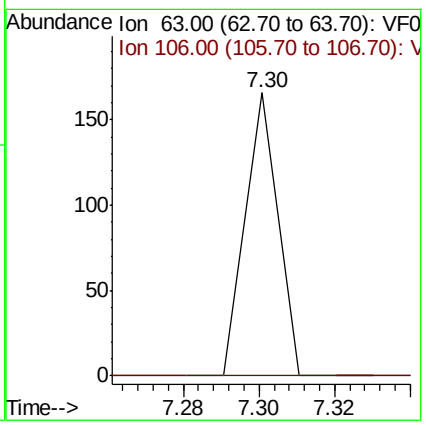


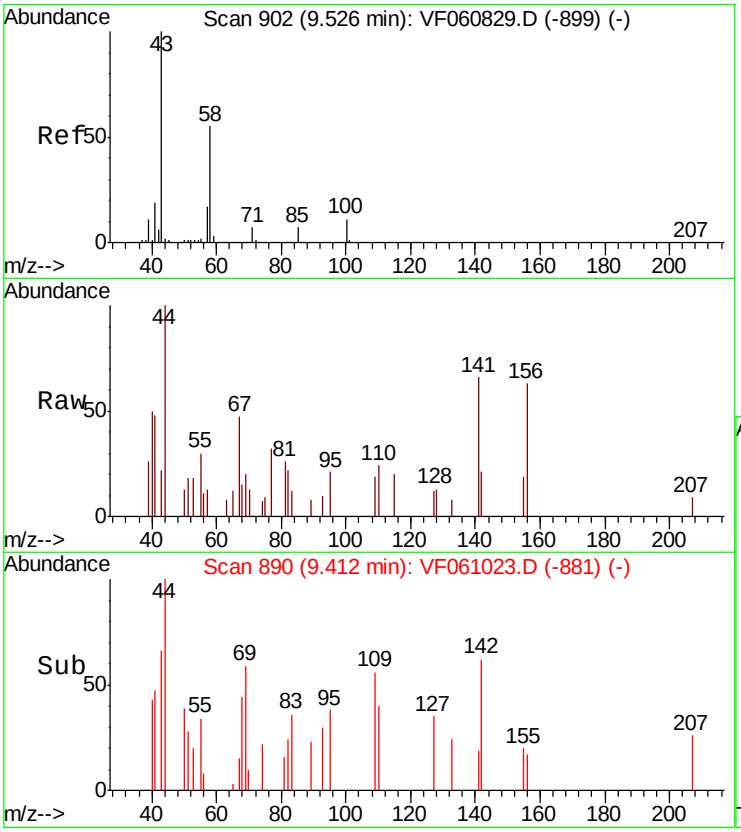


#58
2-Chloroethyl Vinyl ether
Concen: 5.633 ug/l
RT: 7.30 min Scan# 676
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 63 Resp: 98

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.0	34.6#



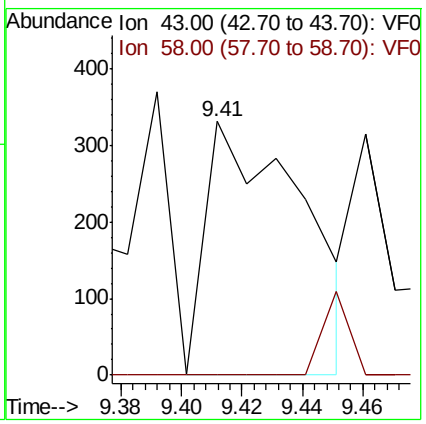


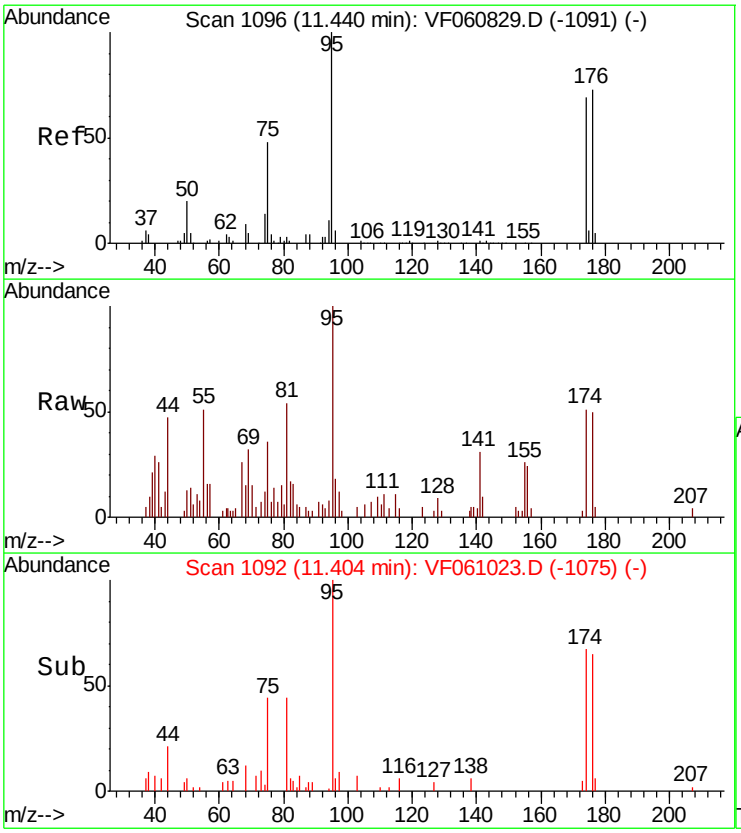
#59
2-Hexanone
Concen: 8.256 ug/l
RT: 9.41 min Scan# 890
Delta R.T. -0.11 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 735

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.6#

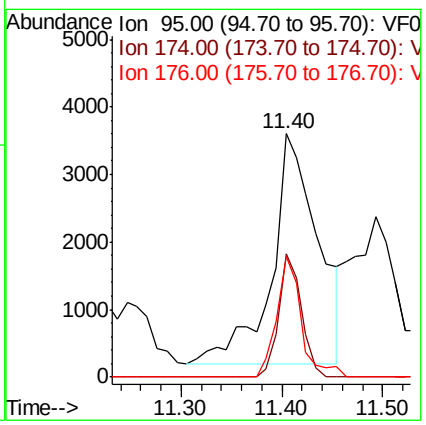


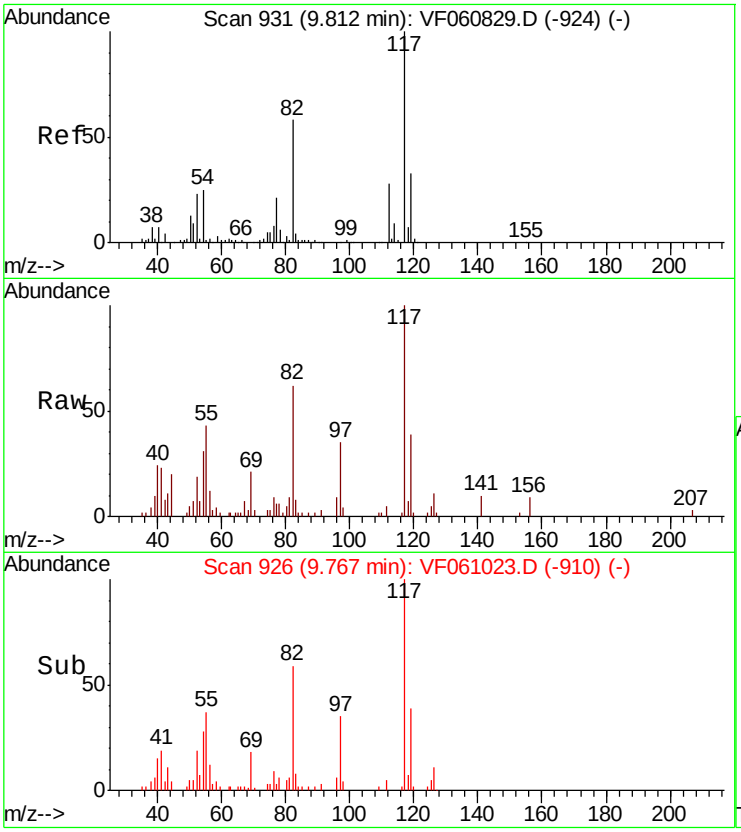


#62
4-Bromofluorobenzene
Concen: 33.460 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 95 Resp: 10850

Ion	Ratio	Lower	Upper
95	100		
174	50.7	0.0	138.2
176	49.6	0.0	146.2



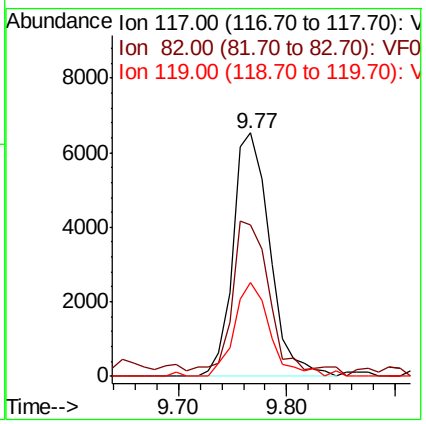


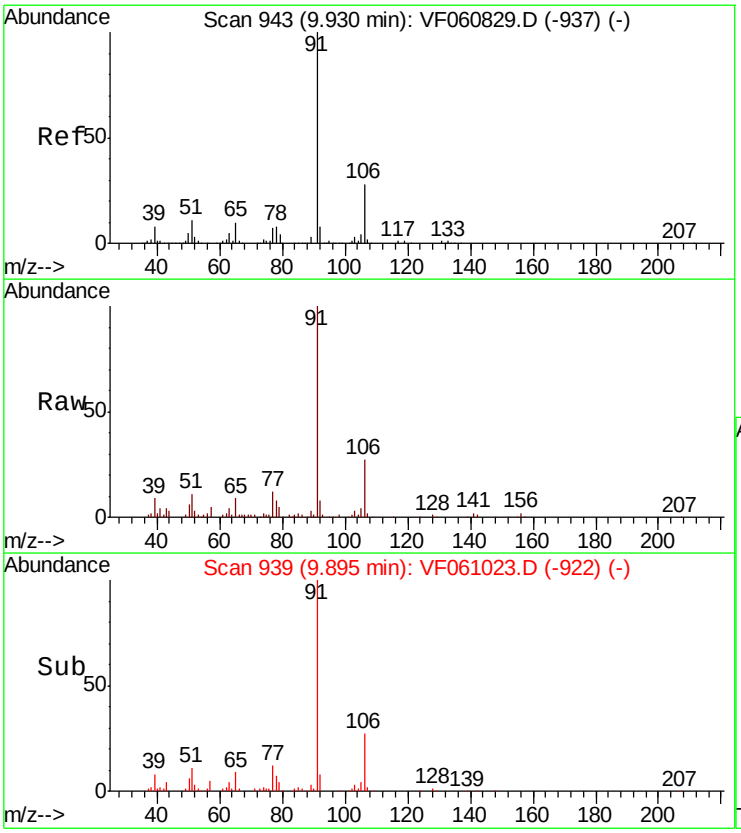
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 15448

Ion	Ratio	Lower	Upper
117	100		
82	62.2	46.6	69.8
119	38.6	26.4	39.6

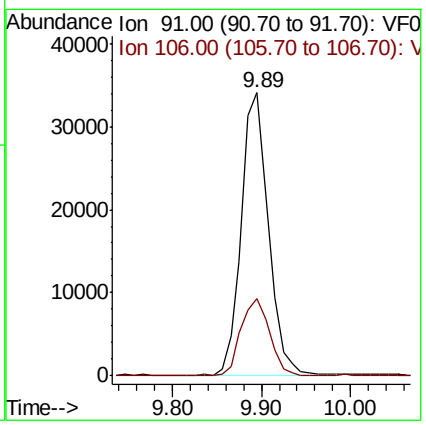


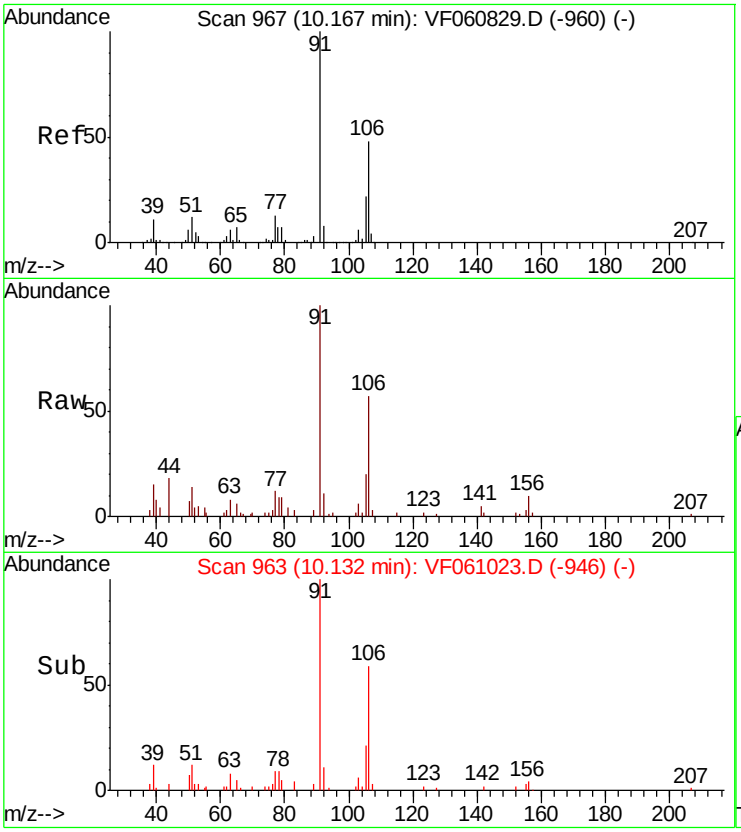


#67
Ethyl Benzene
Concen: 129.209 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 91 Resp: 72290

Ion	Ratio	Lower	Upper
91	100		
106	27.1	22.2	33.2



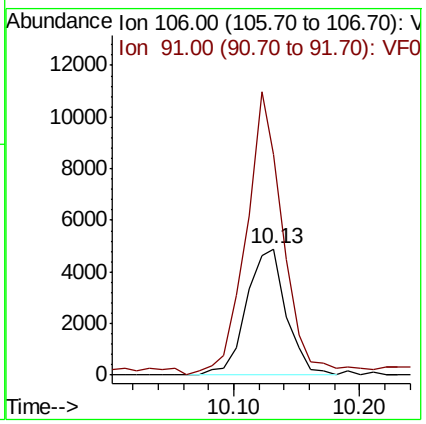


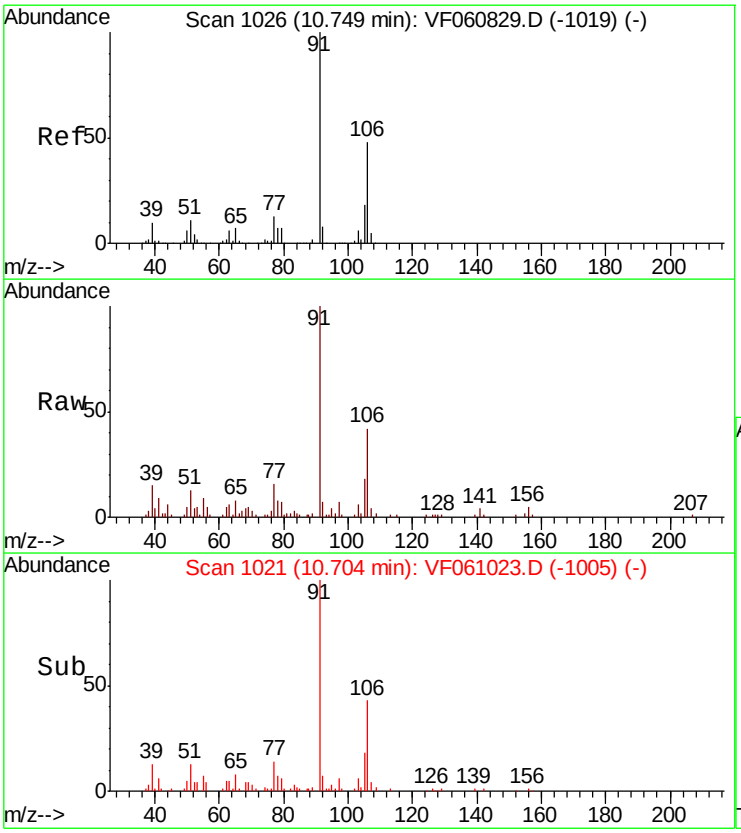
#68
m/p-Xylenes
Concen: 53.274 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 10720

Ion	Ratio	Lower	Upper
106	100		
91	174.8	166.7	250.1

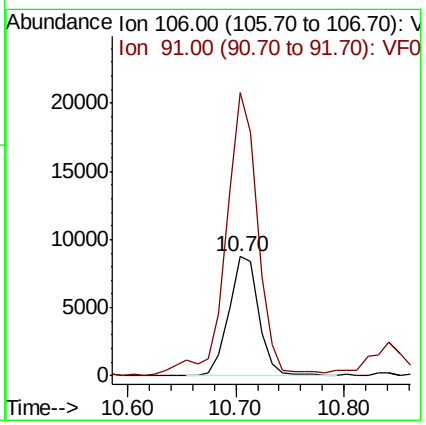


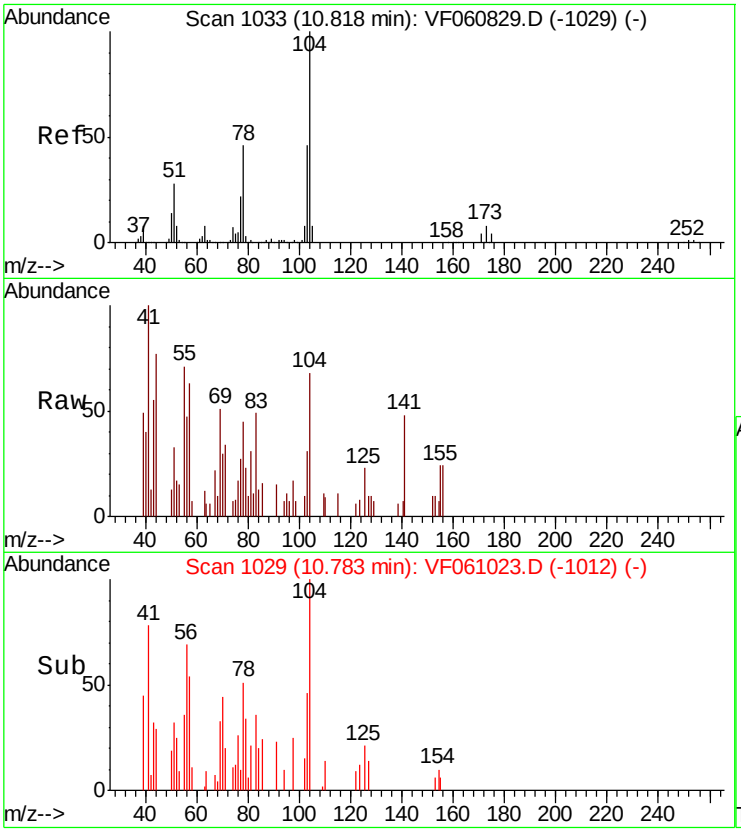


#69
o-Xylene
Concen: 75.843 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:106 Resp: 16829

Ion	Ratio	Lower	Upper
106	100		
91	237.9	104.8	314.6



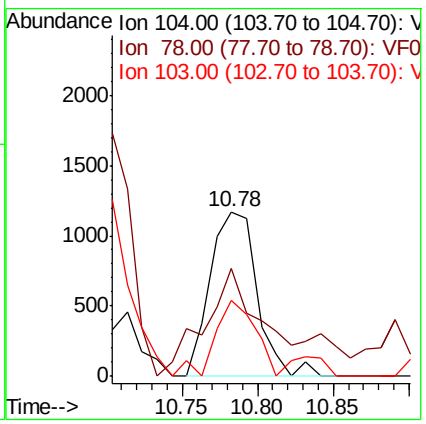


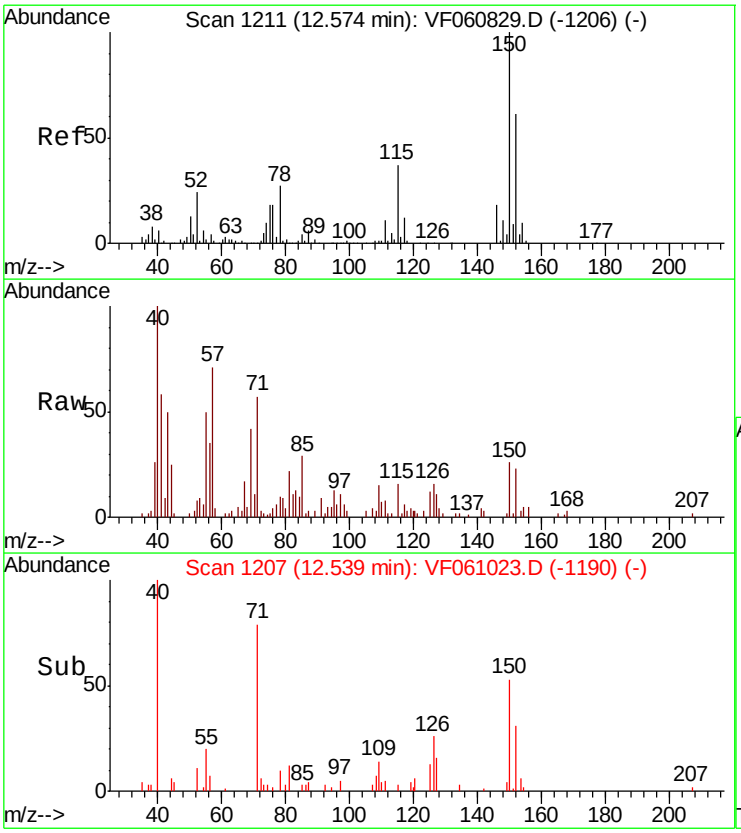
#70
Stvrene
Concen: 8.216 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 2527

Ion	Ratio	Lower	Upper
104	100		
78	65.7	37.3	55.9#
103	46.4	36.8	55.2

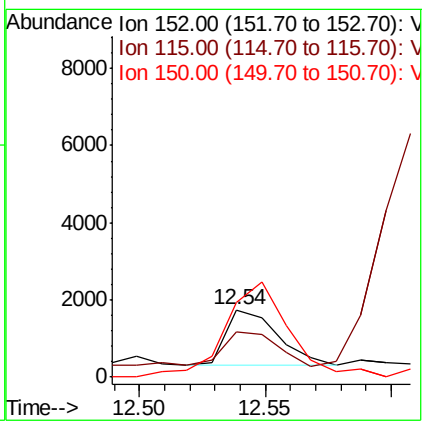


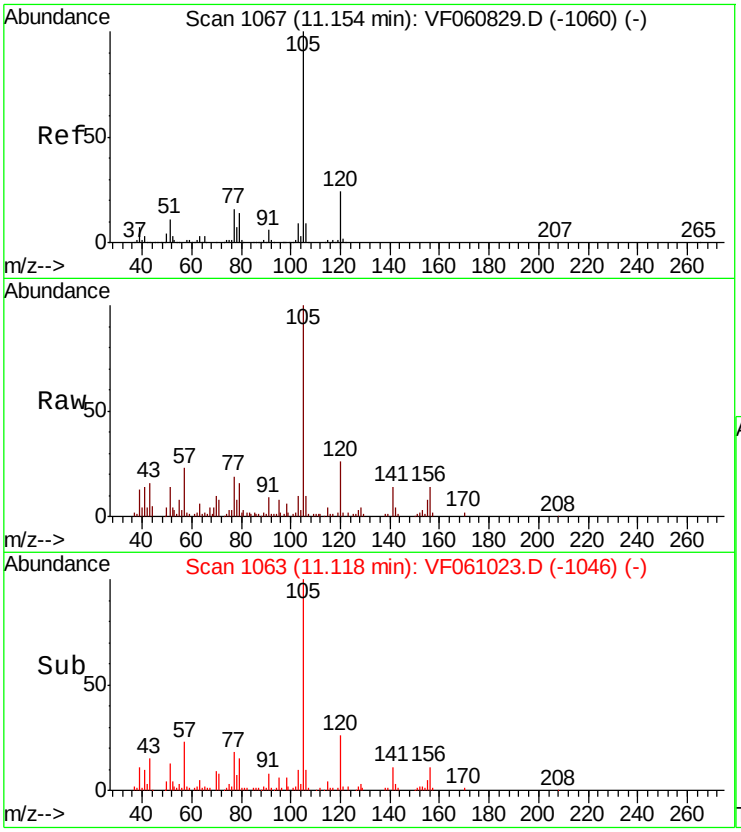


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:152 Resp: 2054

Ion	Ratio	Lower	Upper
152	100		
115	67.7	30.1	90.5
150	111.9	0.0	327.6



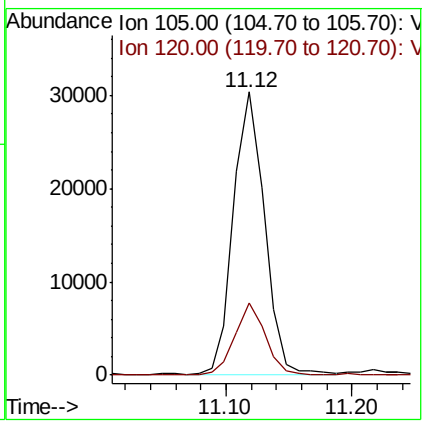


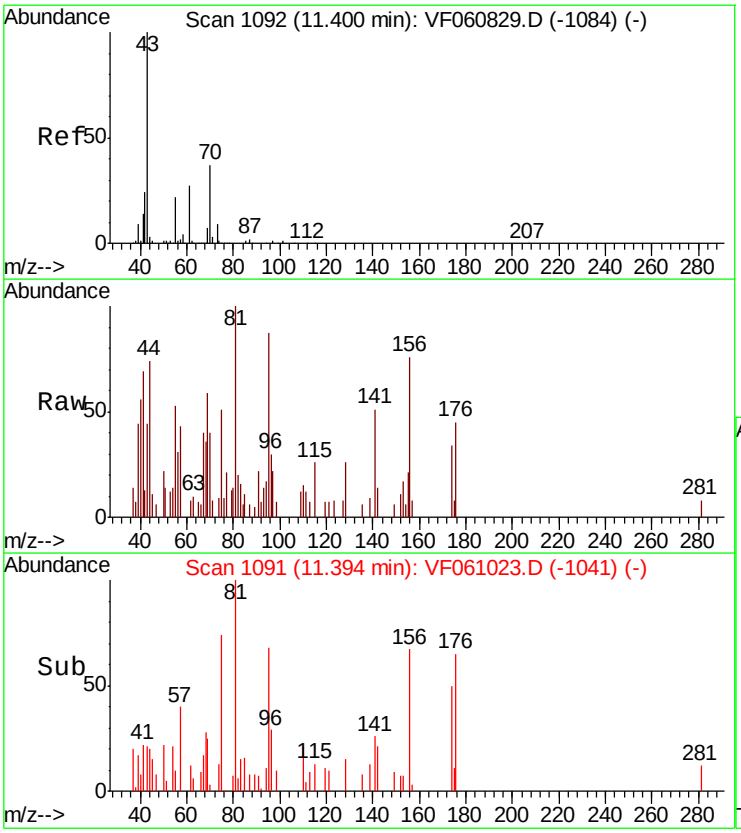
#73
Isopropylbenzene
Concen: 321.159 ug/l
RT: 11.12 min Scan# 1063
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 52130

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.2	36.4

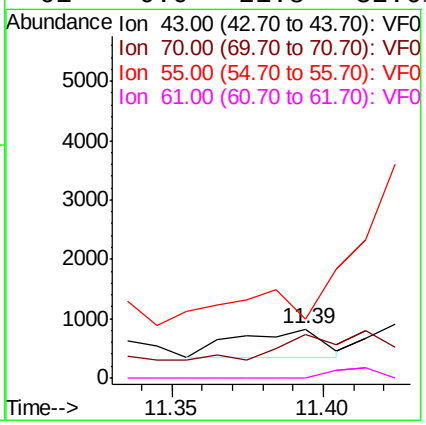


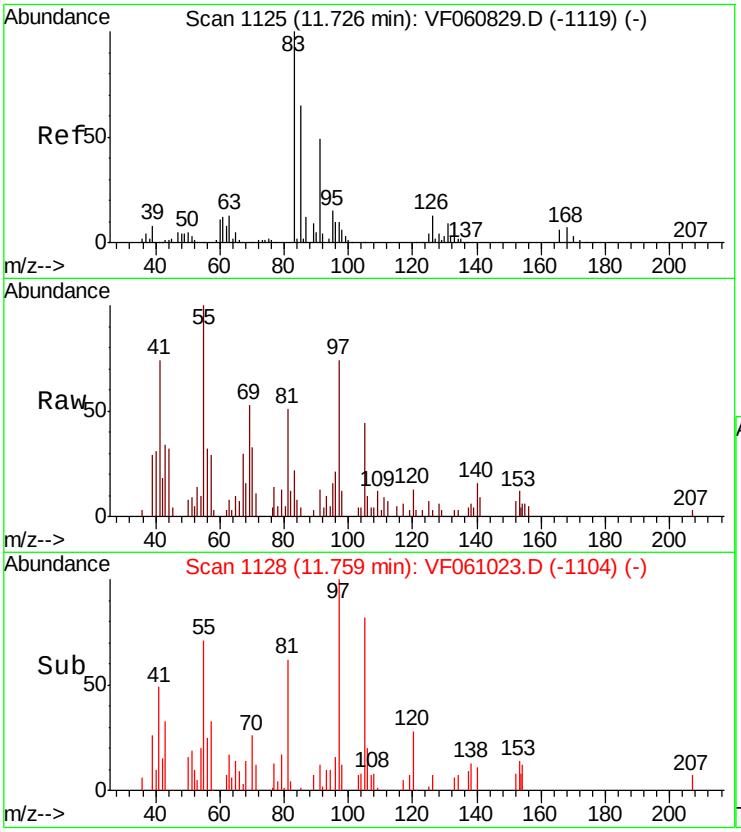


#74
N-amyl acetate
Concen: 25.159 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 43 Resp: 943

Ion	Ratio	Lower	Upper
43	100		
70	90.7	29.6	44.4#
55	120.2	17.2	25.8#
61	0.0	21.8	32.6#



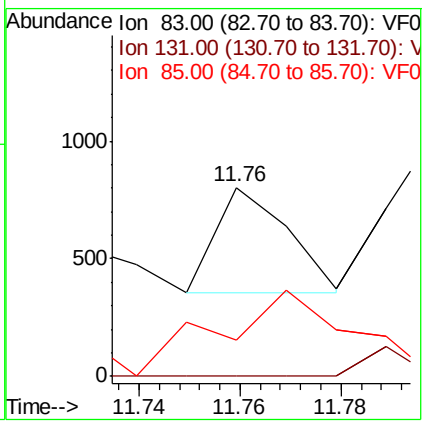


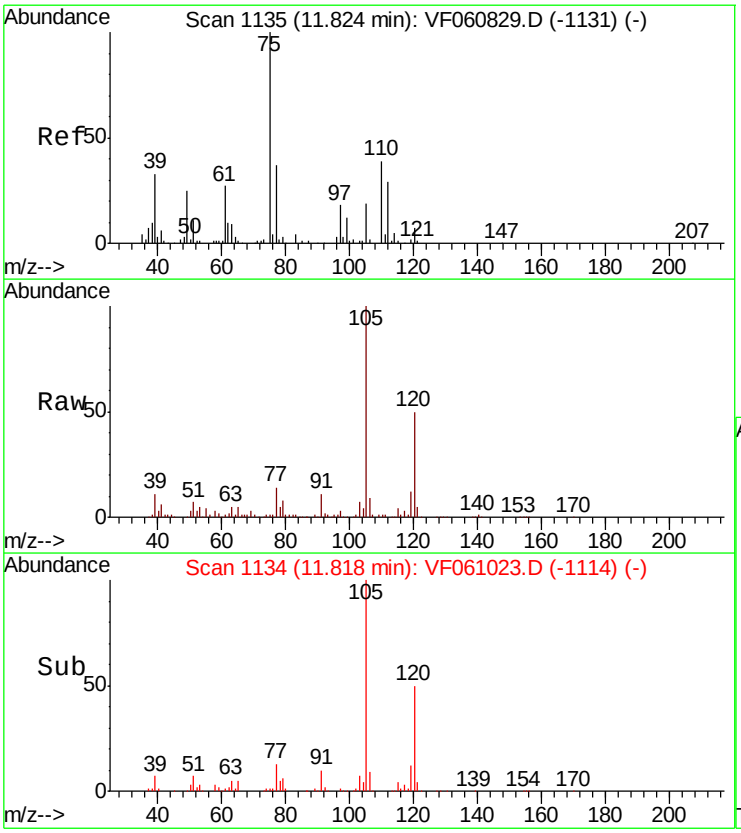
#75
1,1,2,2-Tetrachloroethane
Concen: 16.321 ug/l
RT: 11.76 min Scan# 1128
Delta R.T. 0.03 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 436

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	19.0	32.6	97.8#

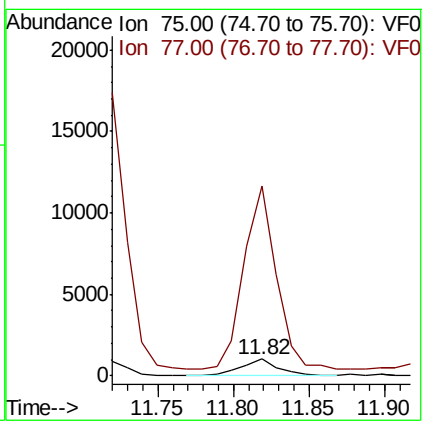


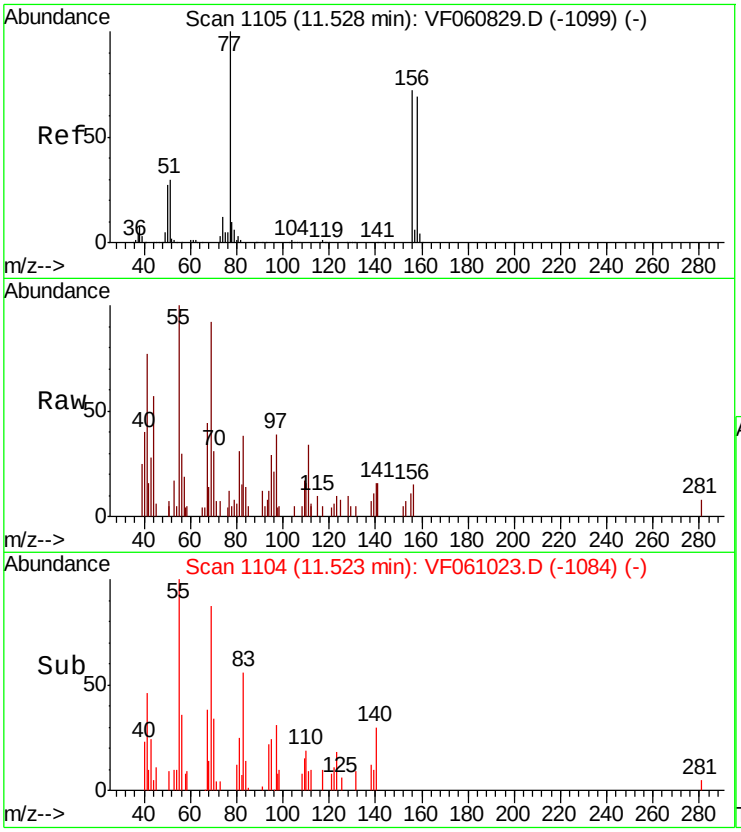


#76
1,2,3-Trichloropropane
Concen: 93.369 ug/l
RT: 11.82 min Scan# 1134
Delta R.T. -0.01 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 75 Resp: 1813

Ion	Ratio	Lower	Upper
75	100		
77	1120.0	18.4	55.4#



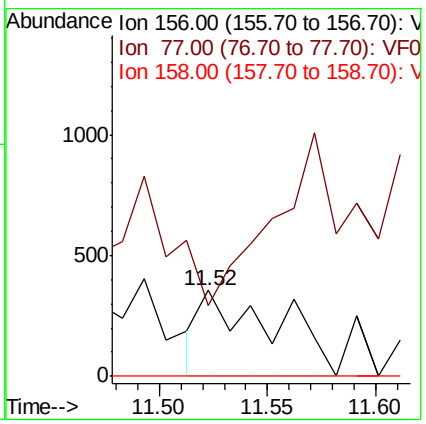


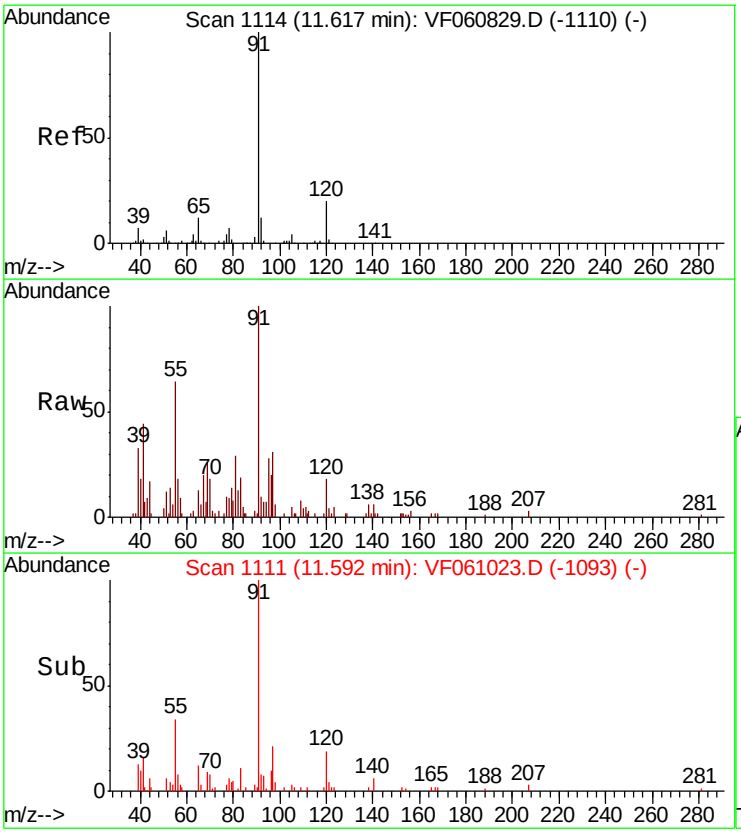
#77
Bromobenzene
Concen: 24.167 ug/l
RT: 11.52 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:156 Resp: 860

Ion	Ratio	Lower	Upper
156	100		
77	82.6	69.7	209.0
158	0.0	47.8	143.4#

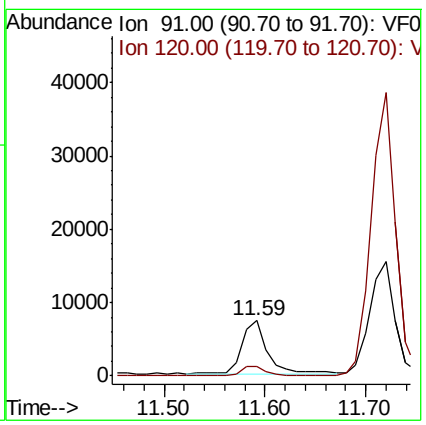


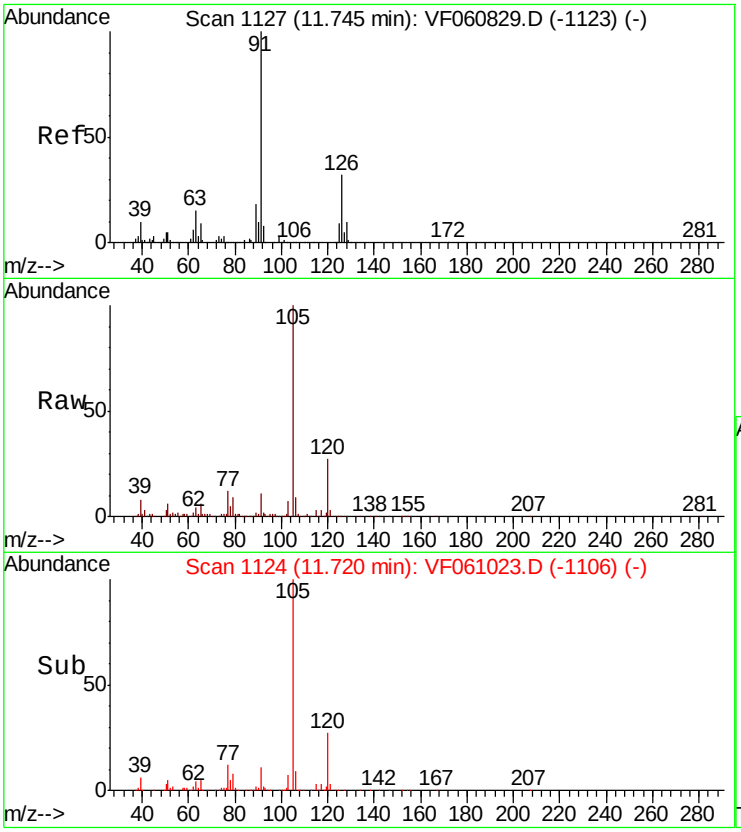


#78
n-propylbenzene
Concen: 68.116 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 91 Resp: 12948

Ion	Ratio	Lower	Upper
91	100		
120	18.3	10.3	30.8



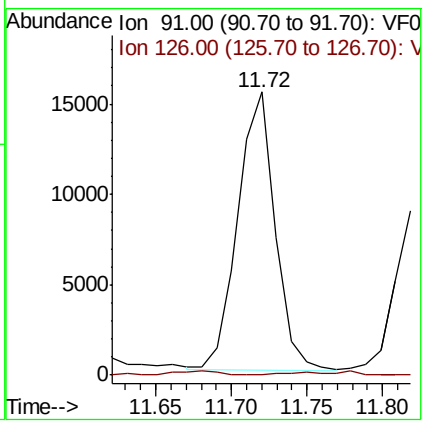


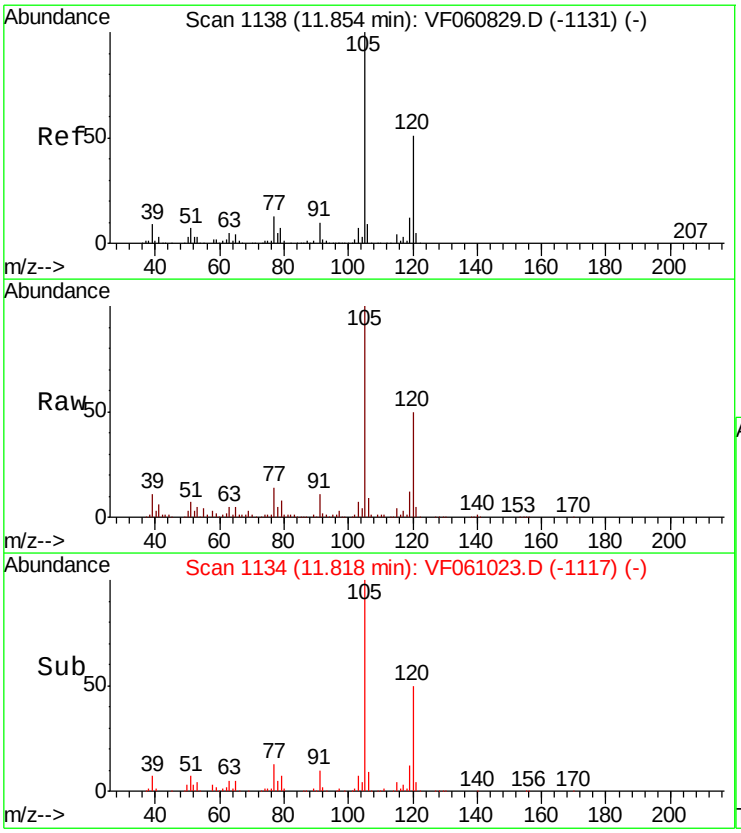
#79
2-Chlorotoluene
Concen: 242.555 ug/l
RT: 11.72 min Scan# 1124
Delta R.T. -0.03 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 26437

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.9	47.6#

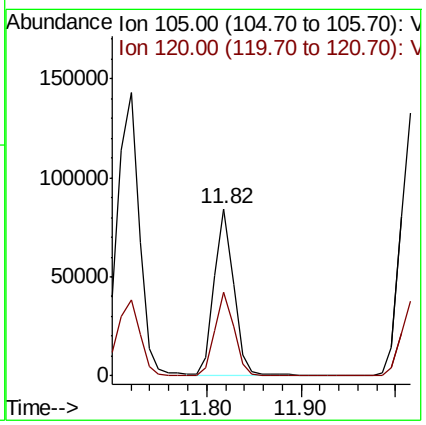


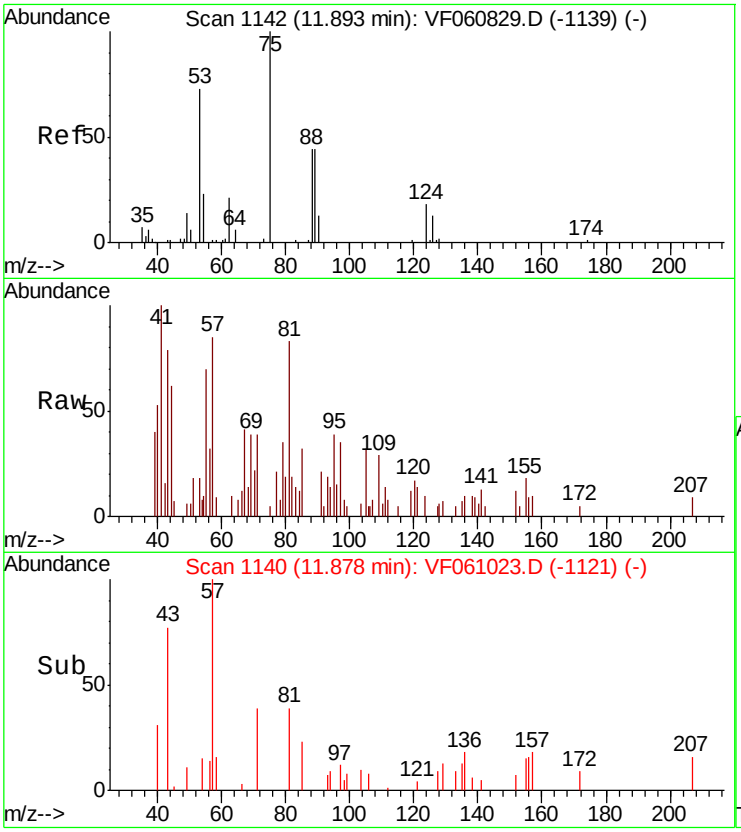


#80
1,3,5-Trimethylbenzene
Concen: 928.184 ug/l
RT: 11.82 min Scan# 1134
Delta R.T. -0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:105 Resp: 122309

Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.8	77.3



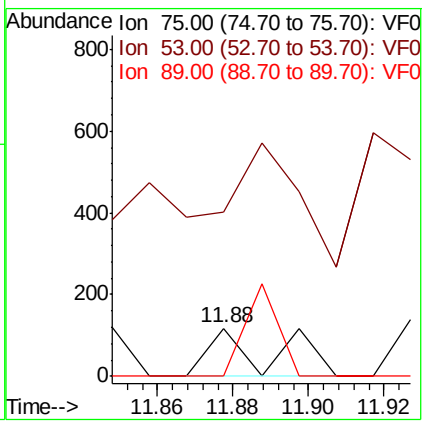


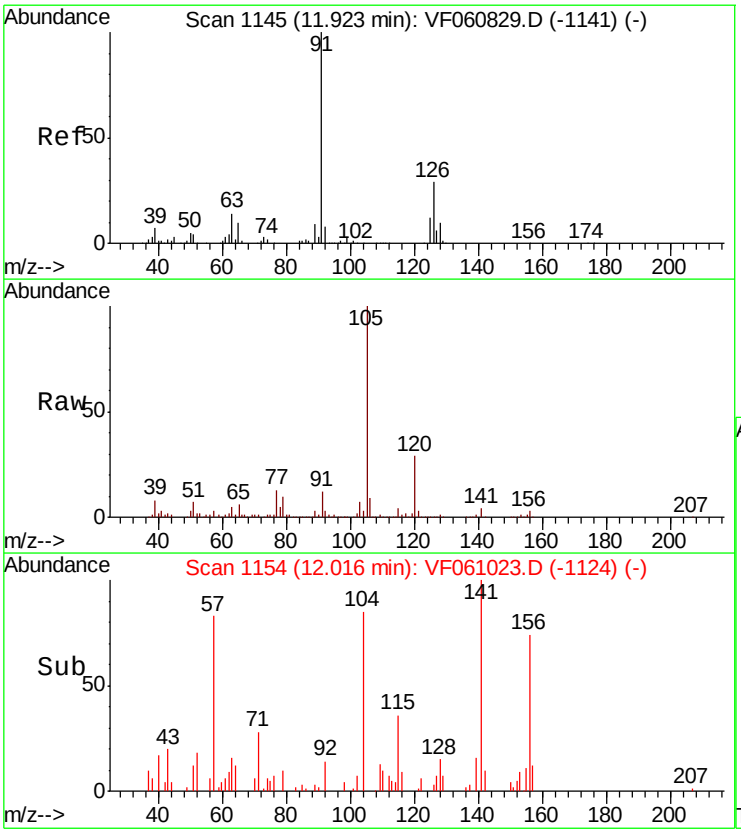
#81
trans-1,4-Dichloro-2-butene
Concen: 14.610 ug/l
RT: 11.88 min Scan# 1140
Delta R.T. -0.02 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 139

Ion	Ratio	Lower	Upper
75	100		
53	339.8	65.9	98.9#
89	0.0	38.8	58.2#

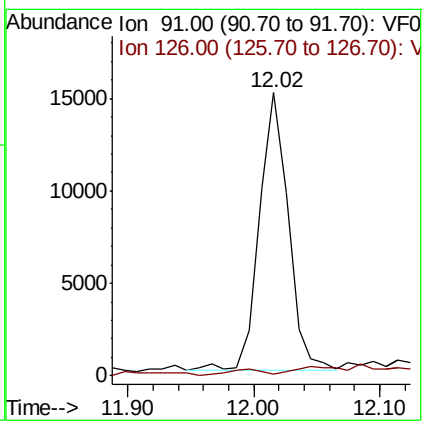


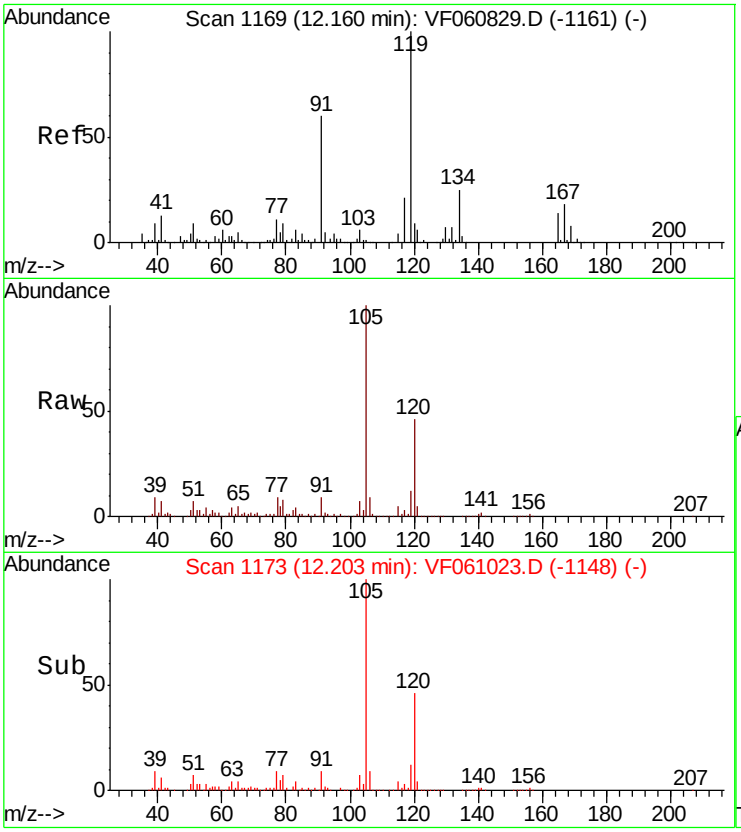


#82
4-Chlorotoluene
Concen: 209.098 ug/l
RT: 12.02 min Scan# 1154
Delta R.T. 0.09 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 91 Resp: 23984

Ion	Ratio	Lower	Upper
91	100		
126	0.8	14.8	44.4#



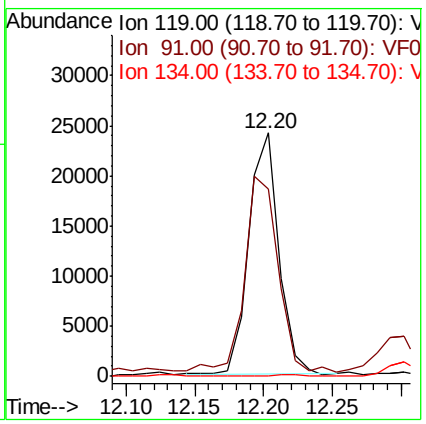


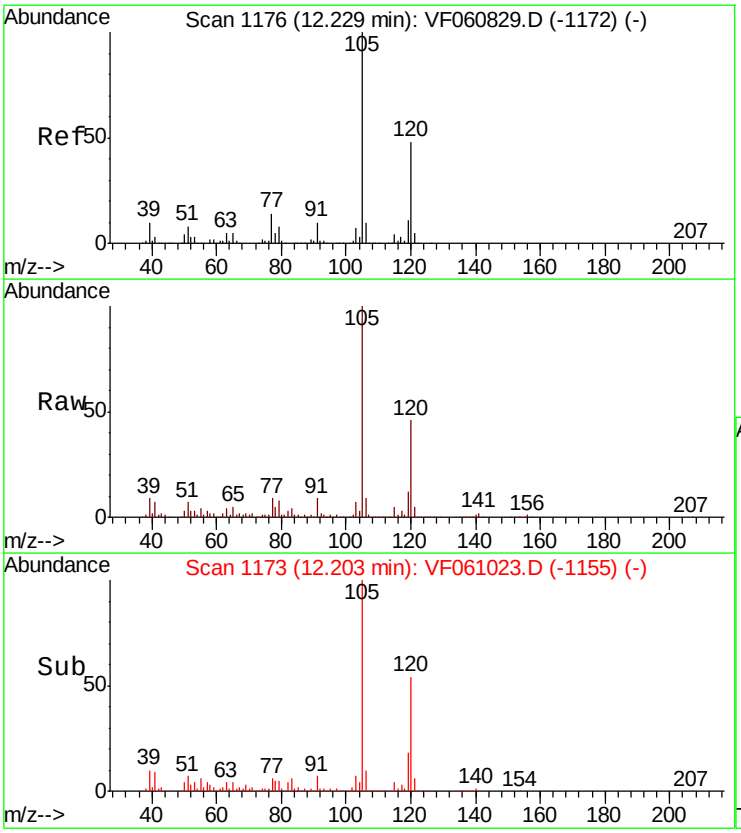
#83
tert-Butylbenzene
Concen: 273.230 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. 0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 36675

Ion	Ratio	Lower	Upper
119	100		
91	77.0	30.1	90.3
134	0.0	12.6	37.8#

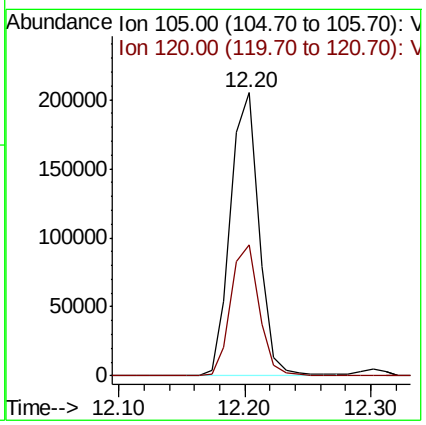


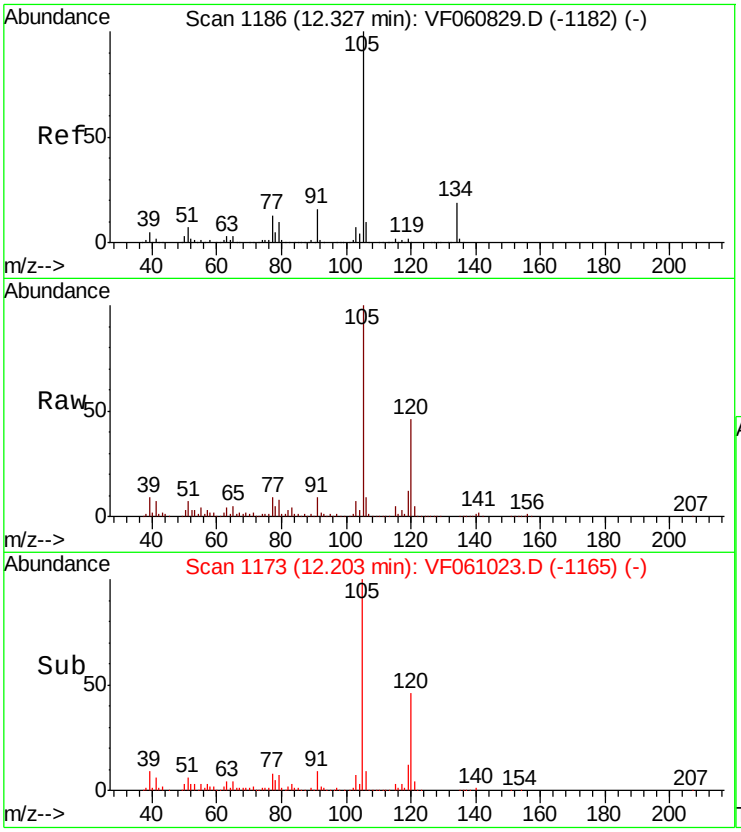


#84
1,2,4-Trimethylbenzene
Concen: 2433.017 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.03 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:105 Resp: 319971

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.8	71.5



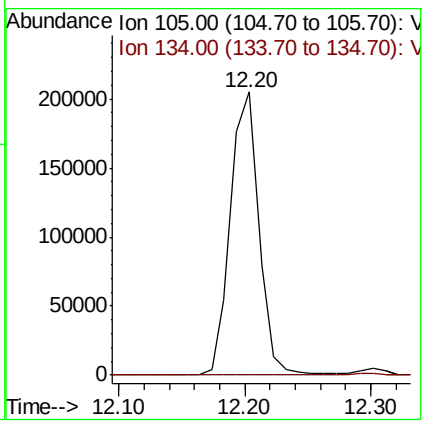


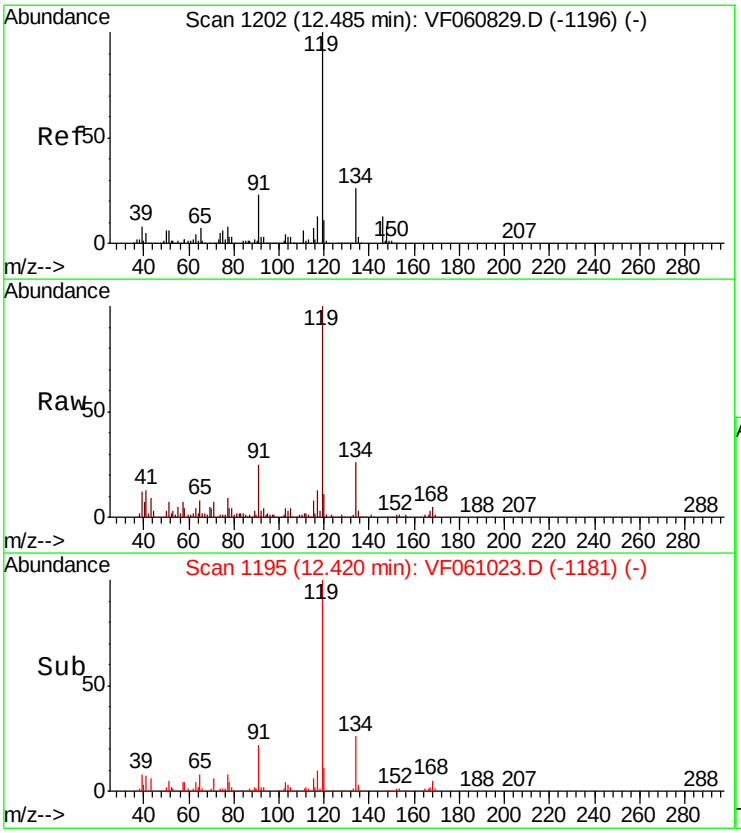
#85
sec-Butylbenzene
Concen: 1741.348 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.12 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 319971

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

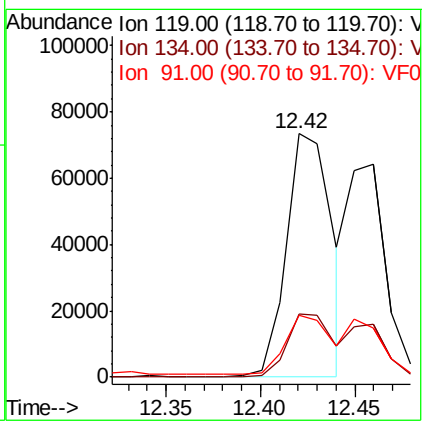


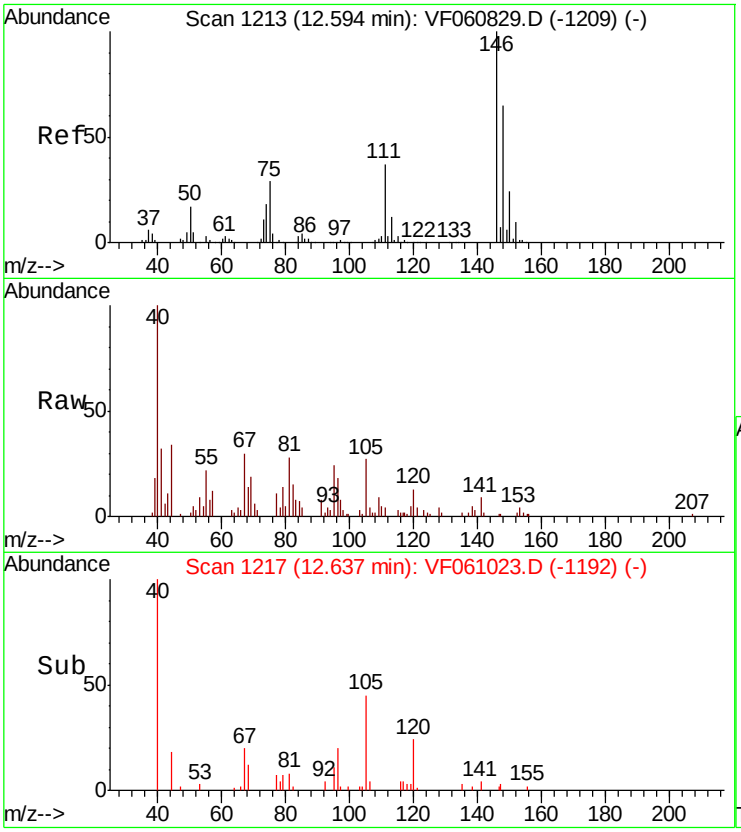


#86
p-Isopropyltoluene
Concen: 794.467 ug/l
RT: 12.42 min Scan# 1195
Delta R.T. -0.07 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:119 Resp: 122391

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.6
91	25.4	11.8	35.3



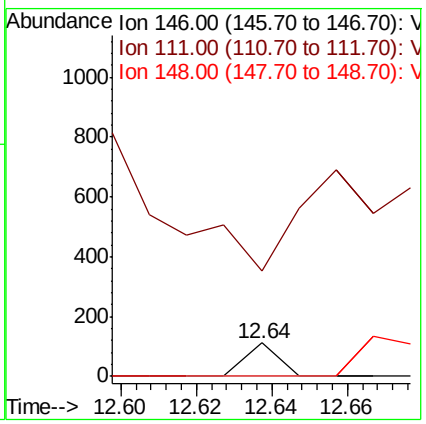


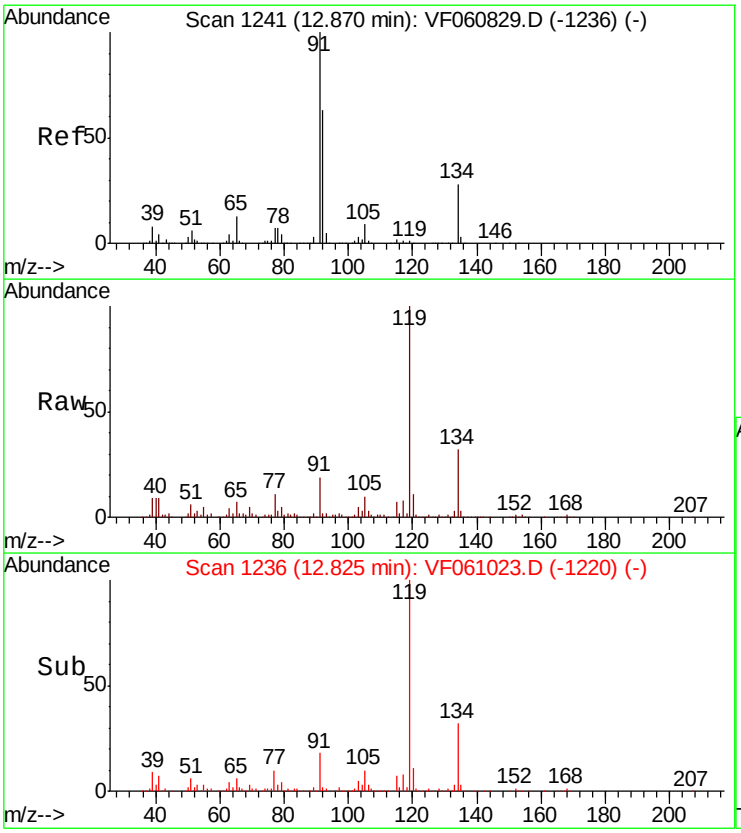
#88
1,4-Dichlorobenzene
Concen: 1.001 ug/l
RT: 12.64 min Scan# 1217
Delta R.T. 0.04 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
111	315.2	18.9	56.7#
148	0.0	32.3	96.9#

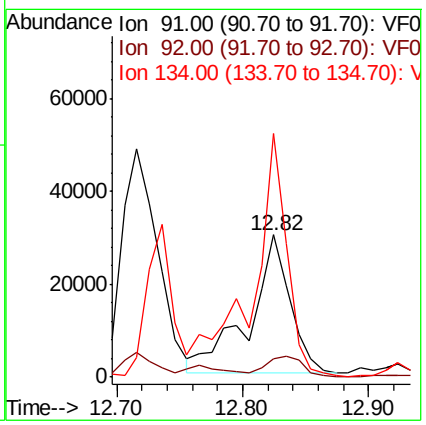


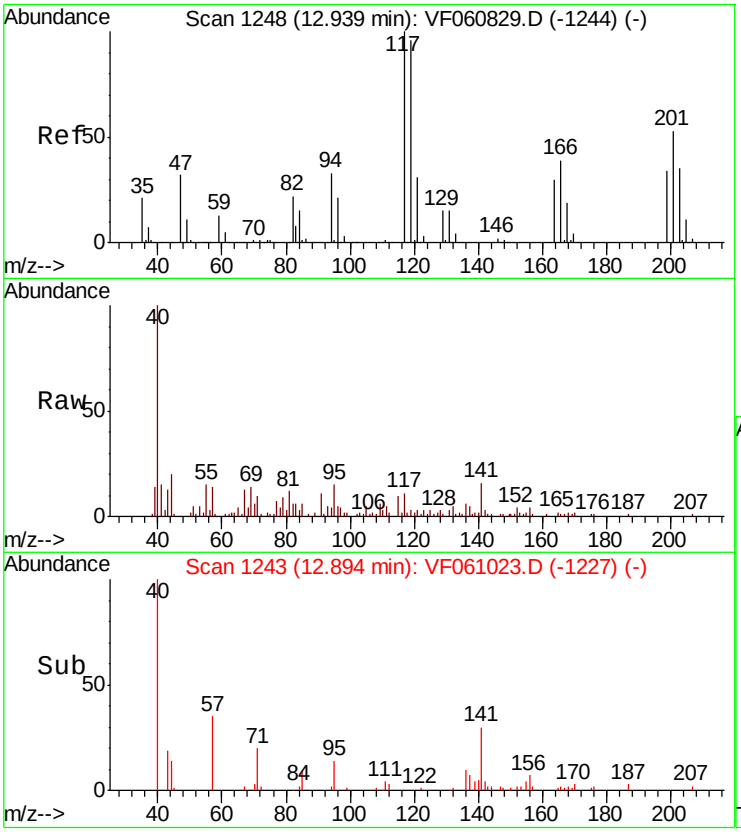


#89
n-Butylbenzene
Concen: 431.028 ug/l
RT: 12.82 min Scan# 1236
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion: 91 Resp: 67143

Ion	Ratio	Lower	Upper
91	100		
92	12.8	31.6	94.7#
134	171.5	13.8	41.4#



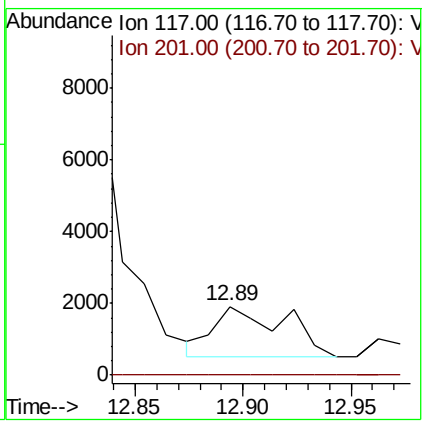


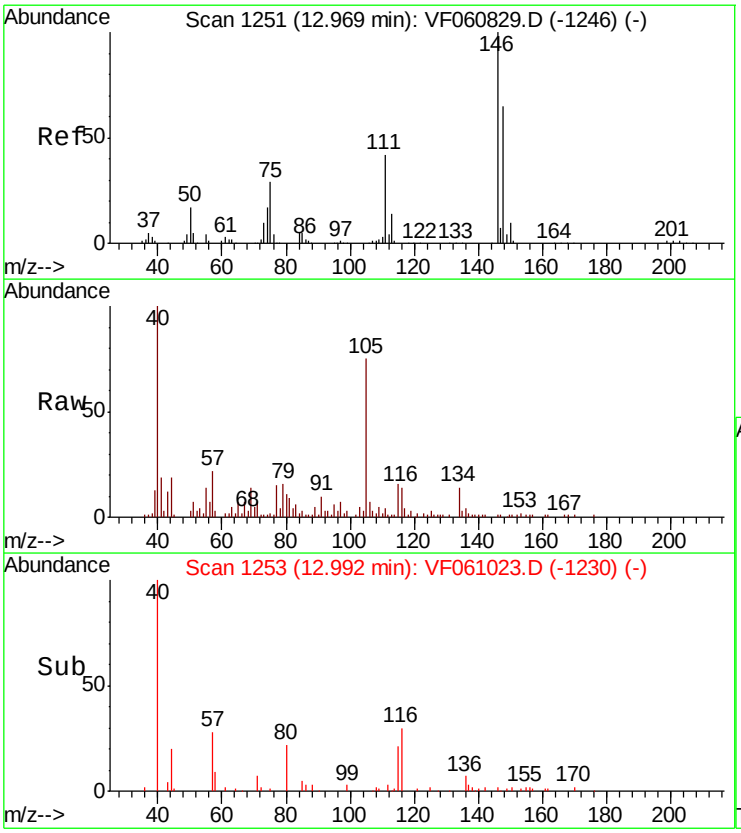
#90
Hexachloroethane
Concen: 86.531 ug/l
RT: 12.89 min Scan# 1243
Delta R.T. -0.05 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 3210

Ion	Ratio	Lower	Upper
117	100		
201	0.0	26.7	80.1#

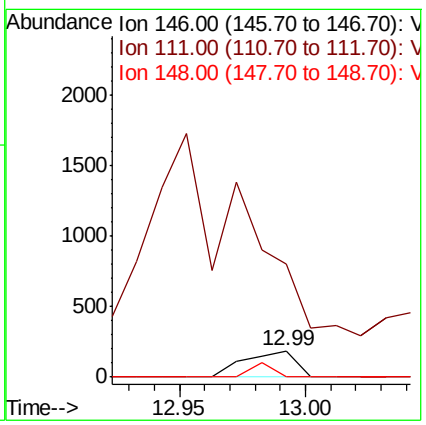


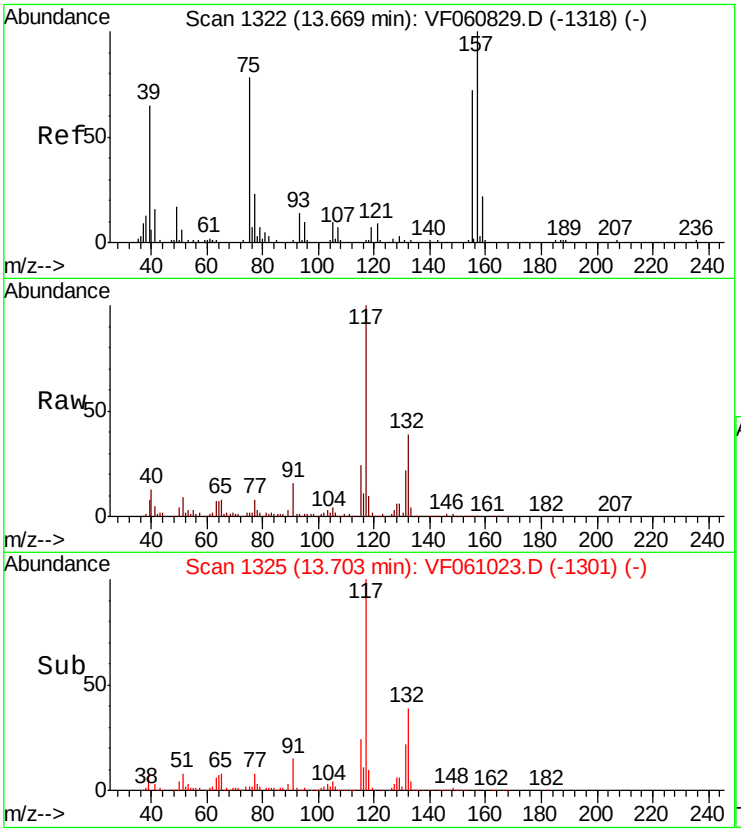


#91
1,2-Dichlorobenzene
Concen: 4.118 ug/l
RT: 12.99 min Scan# 1253
Delta R.T. 0.02 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:146 Resp: 264

Ion	Ratio	Lower	Upper
146	100		
111	433.7	21.2	63.6#
148	0.0	32.5	97.5#



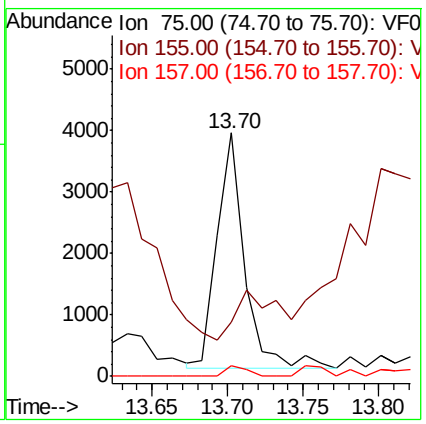


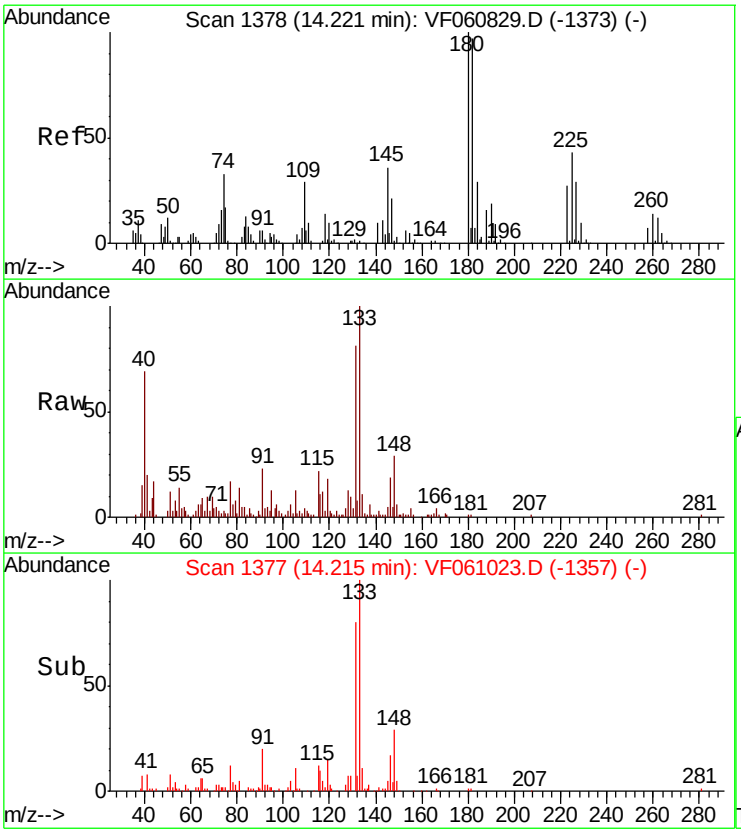
#92
1,2-Dibromo-3-Chloropropane
Concen: 939.621 ug/l
RT: 13.70 min Scan# 1325
Delta R.T. 0.03 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 4853

Ion	Ratio	Lower	Upper
75	100		
155	22.3	45.6	136.9#
157	4.4	63.8	191.5#

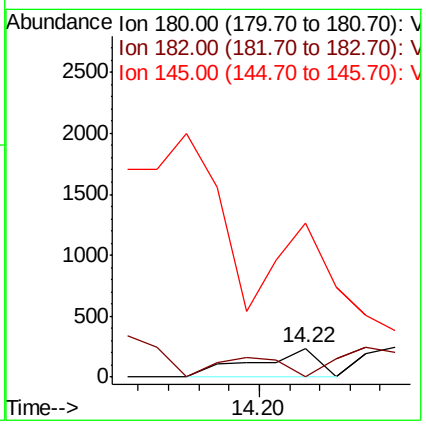


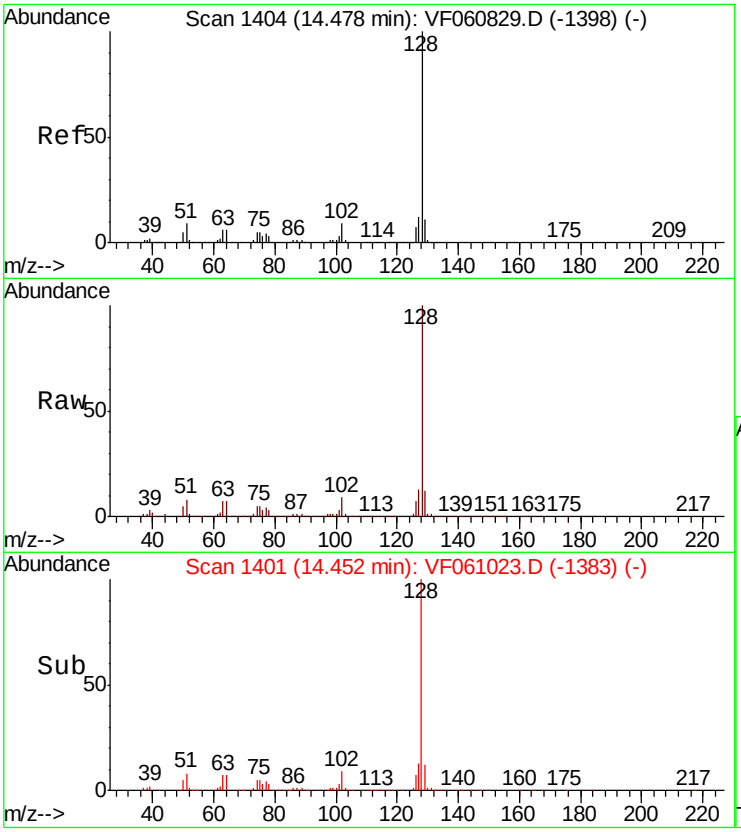


#93
1,2,4-Trichlorobenzene
Concen: 7.636 ug/l
RT: 14.22 min Scan# 1377
Delta R.T. -0.01 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:180 Resp: 342

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.5	145.5#
145	527.2	18.1	54.3#



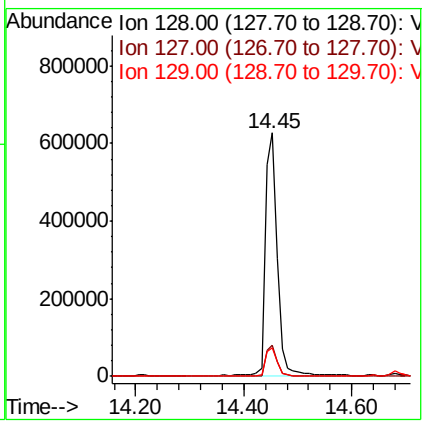


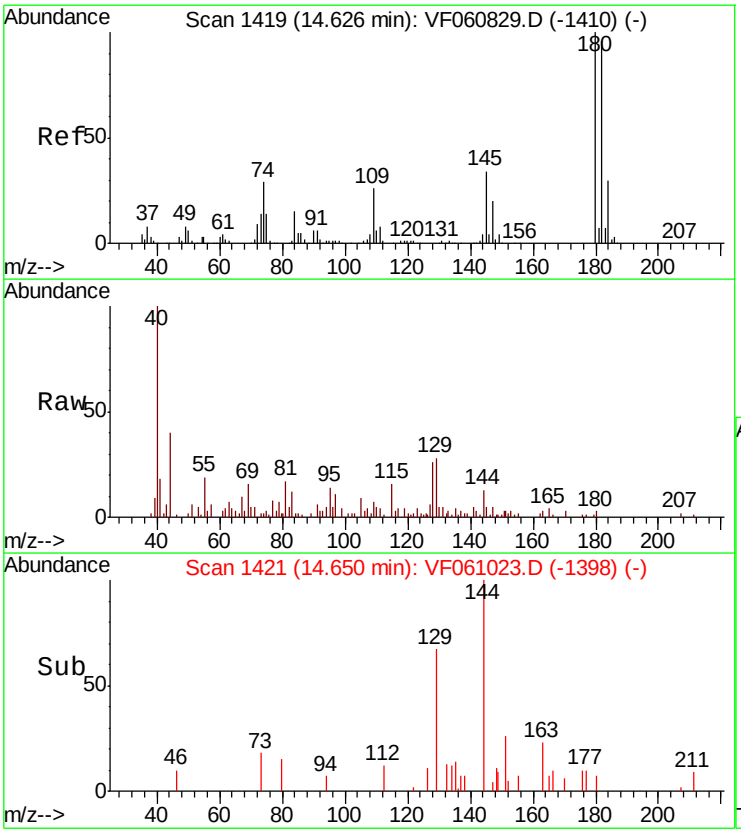
#95
Naphthalene
Concen: 12074.923 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 976577

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	11.9	9.1	13.7





#96
1,2,3-Trichlorobenzene
Concen: 8.560 ug/l
RT: 14.65 min Scan# 1421
Delta R.T. 0.02 min
Lab File: VF061023.D
Acq: 14 Dec 2018 16:41

Tgt Ion:180 Resp: 356

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	159.8	17.2	51.5#