Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF061997.D
Acq On : 18 Mar 2019 15:05
Operator : VA/AP
Sample : K1933-03RE
Misc : 5.03g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S-3RE

Quant Time: Mar 19 01:22:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	263	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	12.65	152	63	50.00	ug/l	0.10
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
50) Toluene-d8	7.55	98	161	31.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	62.36%		
62) 4-Bromofluorobenzene	11.40	95	211	102.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	205.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.08	85	111	47.329	ug/l #	37
3) Chloromethane	1.08	50	67	28.112	ug/l #	46
5) Bromomethane	1.32	94	567	350.156	ug/l #	3
6) Chloroethane	1.37	64	74	62.188	ug/l #	20
8) Diethyl Ether	1.59	74	142	209.169	ug/l	61
9) 1,1,2-Trichlorotrifluoroet	1.93	101	64	29.746	ug/l #	18
12) 1,1-Dichloroethene	1.77	96	67	36.083	ug/l #	1
13) Acrolein	1.96	56	663	6337.738	ug/l #	1
14) Allyl chloride	2.13	41	573	241.753	ug/l #	17
15) Acrylonitrile	2.90	53	110	373.283	ug/l #	18
16) Acetone	2.27	43	979	2752.982	ug/l	90
17) Carbon Disulfide	1.95	76	80	14.898	ug/l #	76
18) Methyl Acetate	2.39	43	1676	2303.676	ug/l #	63
19) Methyl tert-butyl Ether	2.38	73	63	18.725	ug/l #	58
20) Methylene Chloride	2.12	84	63	34.411	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	64	33.029	ug/l #	1
22) Diisopropyl ether	2.80	45	549	96.297	ug/l #	1
23) Vinyl Acetate	3.19	43	616	274.089	ug/l #	77
24) 1,1-Dichloroethane	2.86	63	64	19.306	ug/l #	86
25) 2-Butanone	4.36	43	168	238.541	ug/l #	51
26) 2,2-Dichloropropane	3.62	77	73	46.686	ug/l #	54
27) cis-1,2-Dichloroethene	3.43	96	108	44.221	ug/l	1
28) Bromochloromethane	3.75	49	60	43.620	ug/l #	7
29) Tetrahydrofuran	4.09	42	304	992.528	ug/l #	33
30) Chloroform	3.73	83	64	17.040	ug/l #	15
31) Cyclohexane	3.75	56	76	23.400	ug/l #	3
32) 1,1,1-Trichloroethane	4.07	97	63	25.257	ug/l #	23
37) Ethyl Acetate	4.12	43	144	135.033	ug/l #	19
41) Methacrylonitrile	4.77	41	273	479.153	ug/l #	22
43) Isopropyl Acetate	6.99	43	202	160.098	ug/l #	38
48) Methyl methacrylate	6.75	41	293	359.312	ug/l #	20
49) 1,4-Dioxane	6.24	88	73	10064.226	ug/l #	15
51) 4-Methyl-2-Pentanone	8.25	43	186	207.596	ug/l #	36
59) 2-Hexanone	9.45	43	321	495.050	ug/l #	23

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF061997.D
Acq On : 18 Mar 2019 15:05
Operator : VA/AP
Sample : K1933-03RE
Misc : 5.03g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S-3RE

Quant Time: Mar 19 01:22:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) Isopropylbenzene	10.96	105	92	21.138 ug/l #	47
74) N-amyl acetate	11.38	43	178	178.483 ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.68	83	204	283.958 ug/l #	22
78) n-propylbenzene	11.57	91	97	19.382 ug/l #	52
79) 2-Chlorotoluene	11.73	91	87	30.798 ug/l #	38
82) 4-Chlorotoluene	11.97	91	64	22.404 ug/l #	39
83) tert-Butylbenzene	12.23	119	162	44.059 ug/l #	32
84) 1,2,4-Trimethylbenzene	12.21	105	171	48.558 ug/l #	26
85) sec-Butylbenzene	12.32	105	82	16.506 ug/l #	57
86) p-Isopropyltoluene	12.44	119	1012	244.131 ug/l #	55
89) n-Butylbenzene	12.84	91	538	138.118 ug/l #	60
91) 1,2-Dichlorobenzene	13.09	146	83	45.237 ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.64	75	75	650.558 ug/l #	16
95) Naphthalene	14.47	128	63	27.416 ug/l #	70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
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Operator : VA/AP
Sample : K1933-03RE
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
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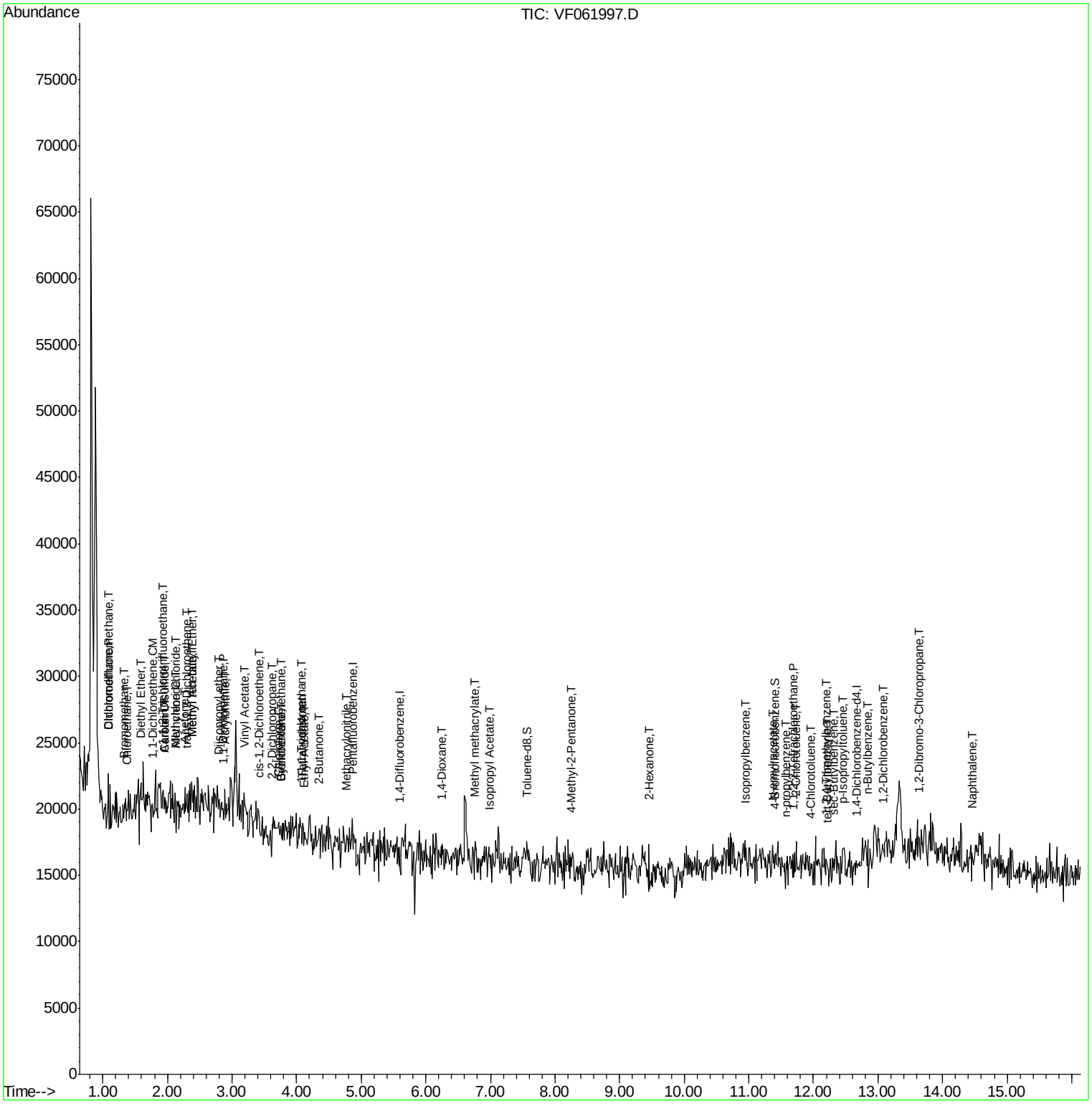
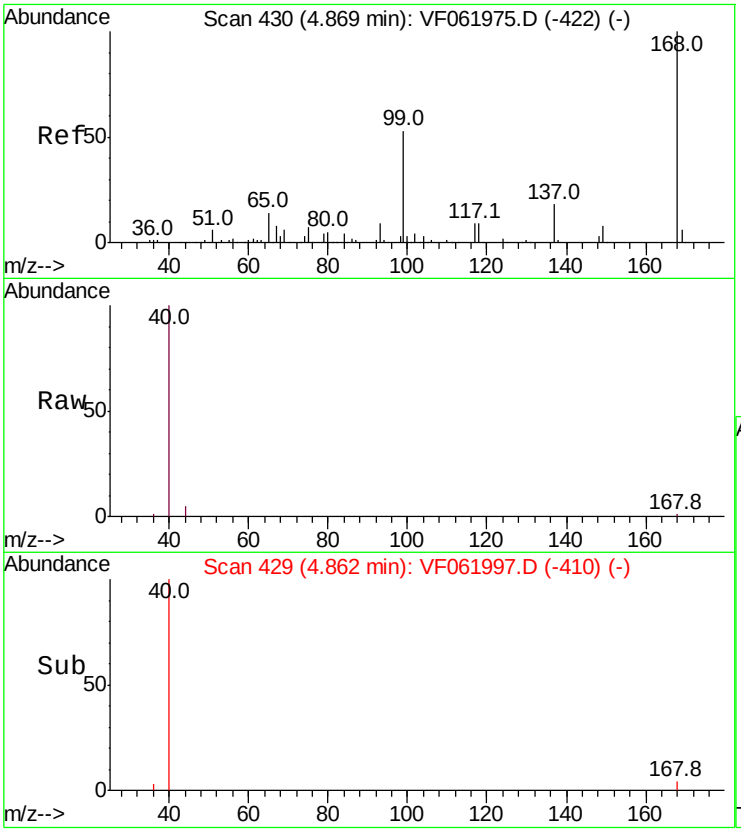
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration



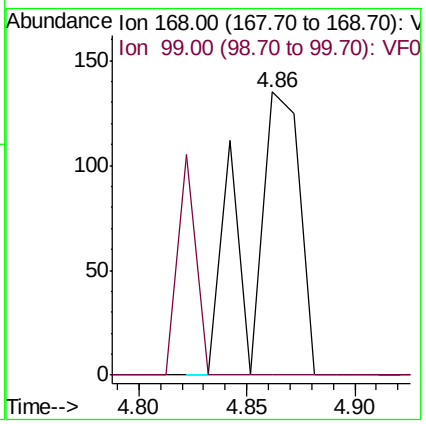


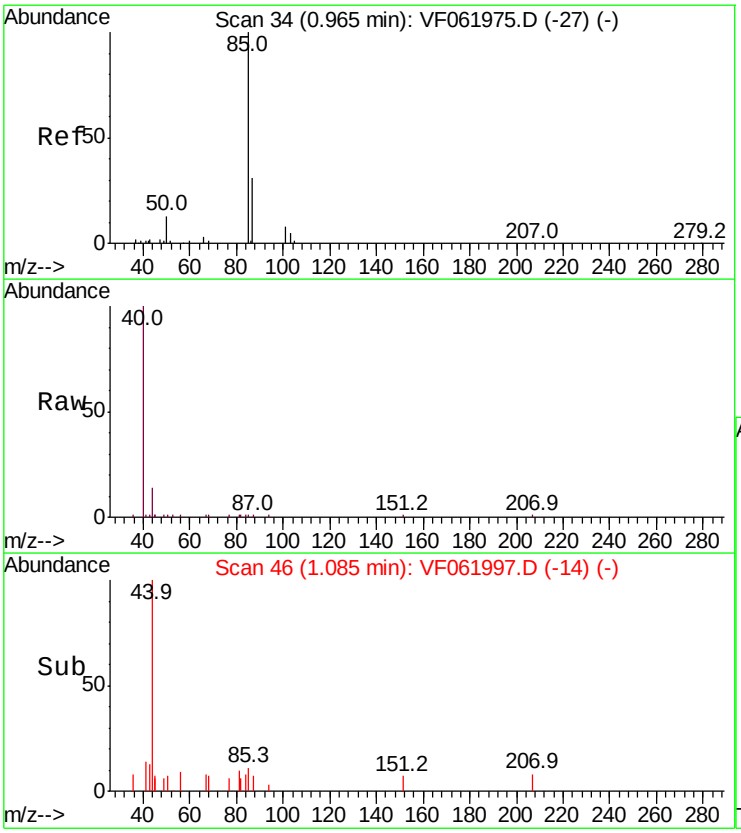
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion:168 Resp: 220

Ion	Ratio	Lower	Upper
168	100		
99	0.0	42.4	63.6#

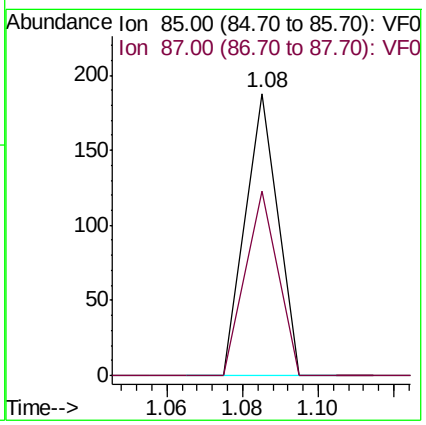


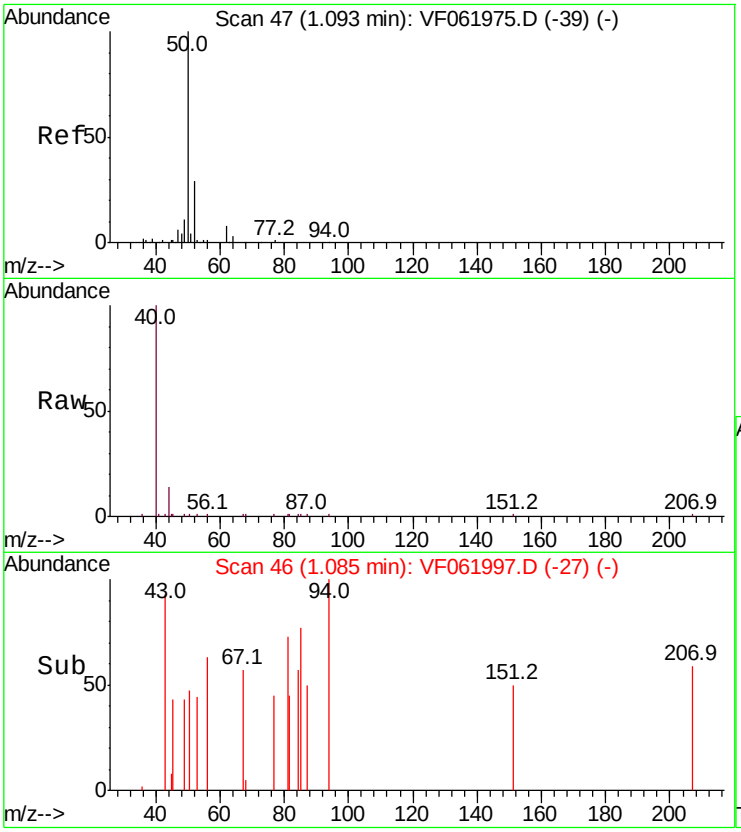


#2
Dichlorodifluoromethane
Concen: 47.329 ug/l
RT: 1.08 min Scan# 46
Delta R.T. 0.12 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 85 Resp: 111

Ion	Ratio	Lower	Upper
85	100		
87	65.4	15.4	46.2#



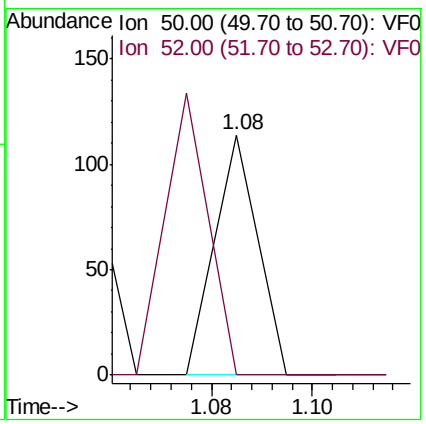


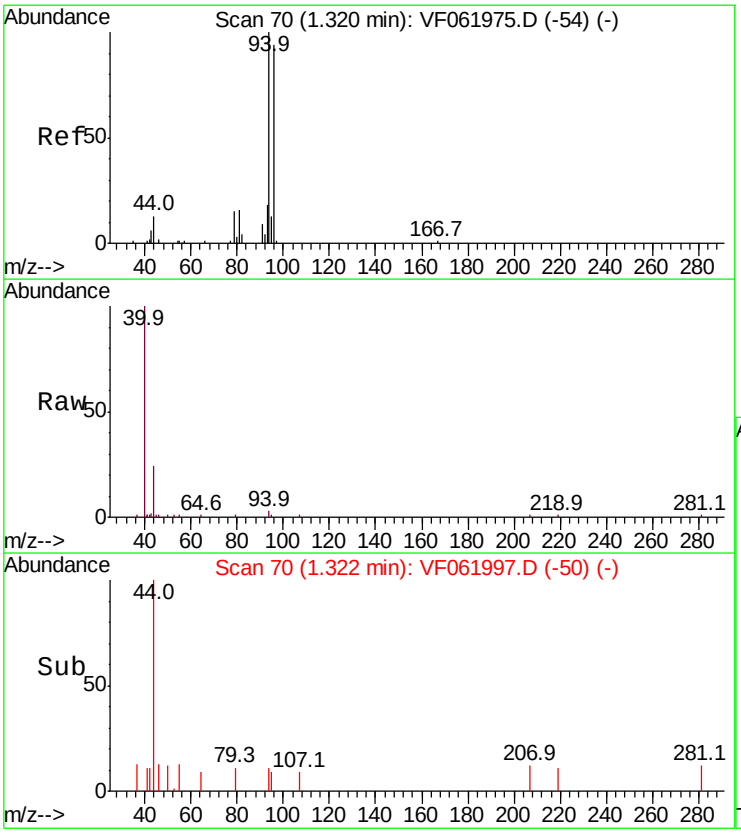
#3
Chloromethane
Concen: 28.112 ug/l
RT: 1.08 min Scan# 46
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 50 Resp: 67

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.6	34.0#

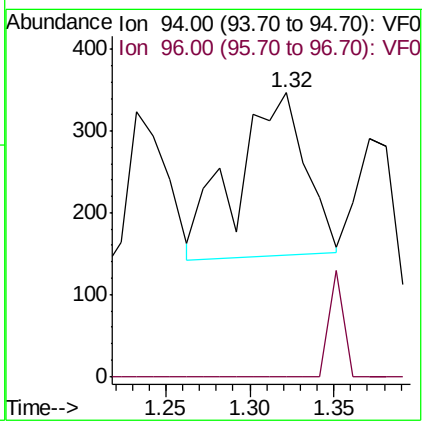


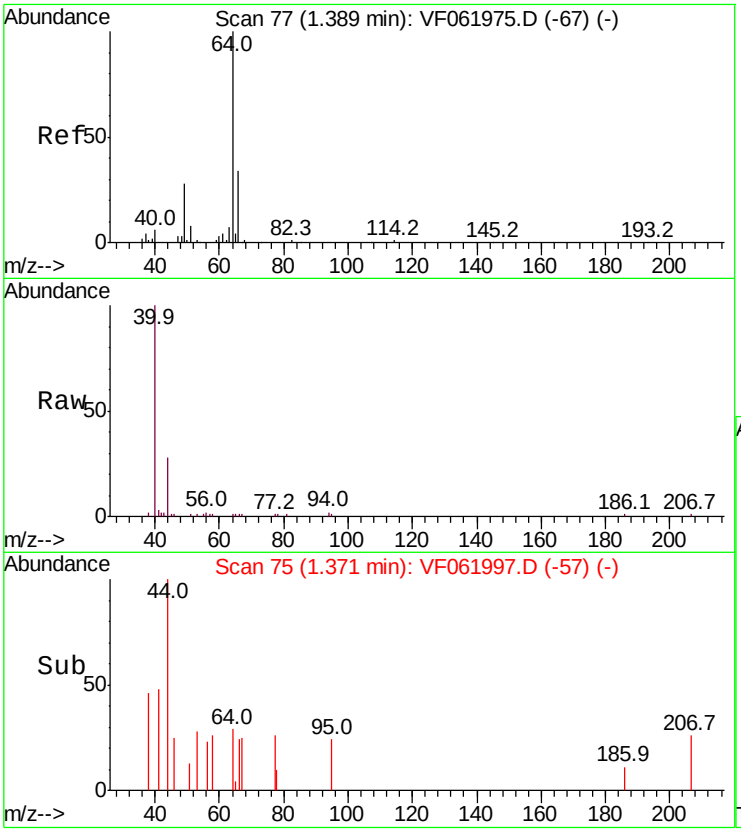


#5
Bromomethane
Concen: 350.156 ug/l
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 94 Resp: 567

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.0	112.6#



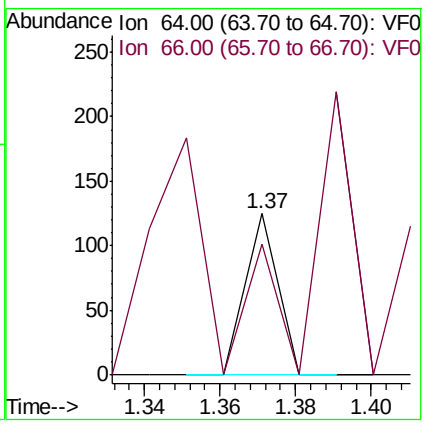


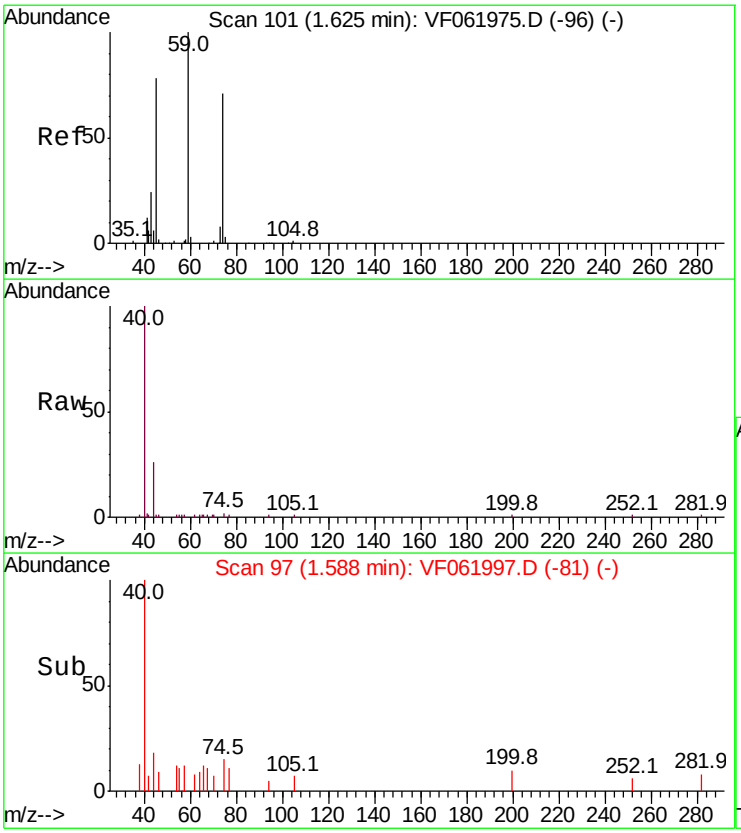
#6
Chloroethane
Concen: 62.188 ug/l
RT: 1.37 min Scan# 75
Delta R.T. -0.02 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 64 Resp: 74

Ion	Ratio	Lower	Upper
64	100		
66	80.8	27.6	41.4#

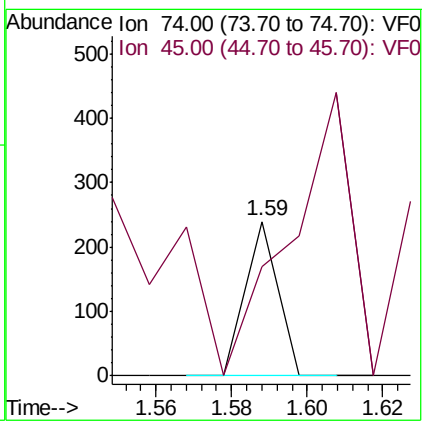


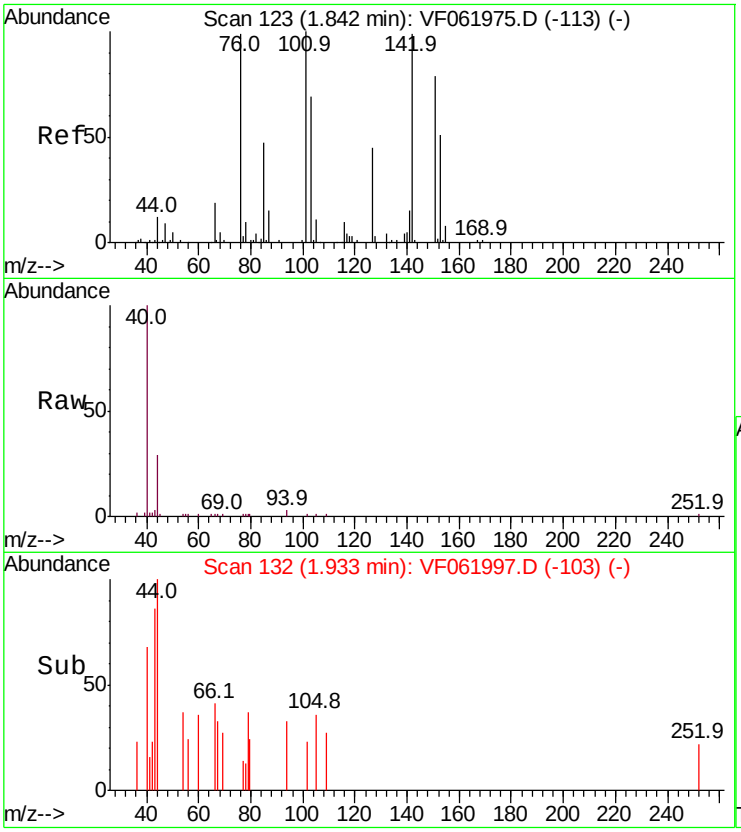


#8
Diethyl Ether
Concen: 209.169 ug/l
RT: 1.59 min Scan# 97
Delta R.T. -0.04 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 74 Resp: 142

Ion	Ratio	Lower	Upper
74	100		
45	70.4	56.3	168.8



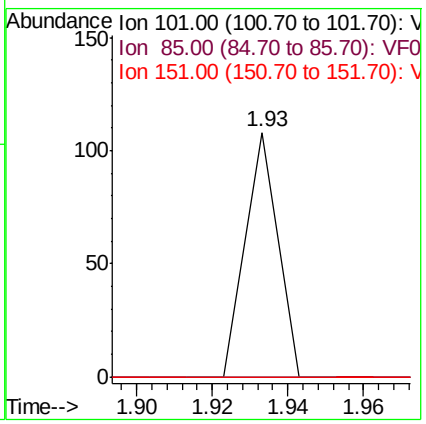


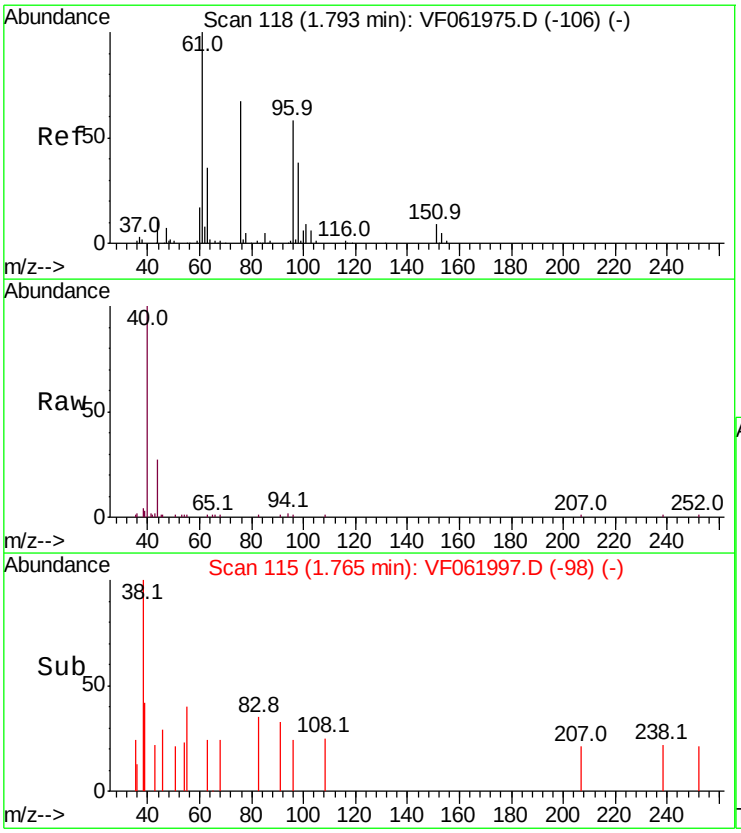
#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.746 ug/l
RT: 1.93 min Scan# 132
Delta R.T. 0.09 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion:101 Resp: 64

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	62.2	93.2#

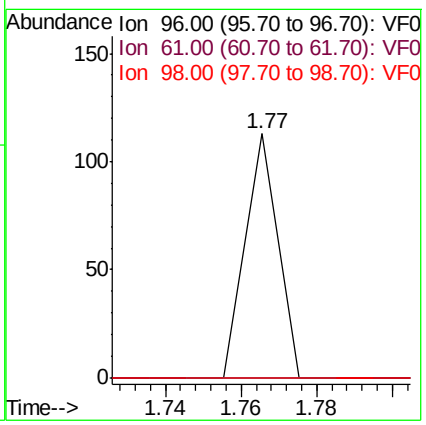


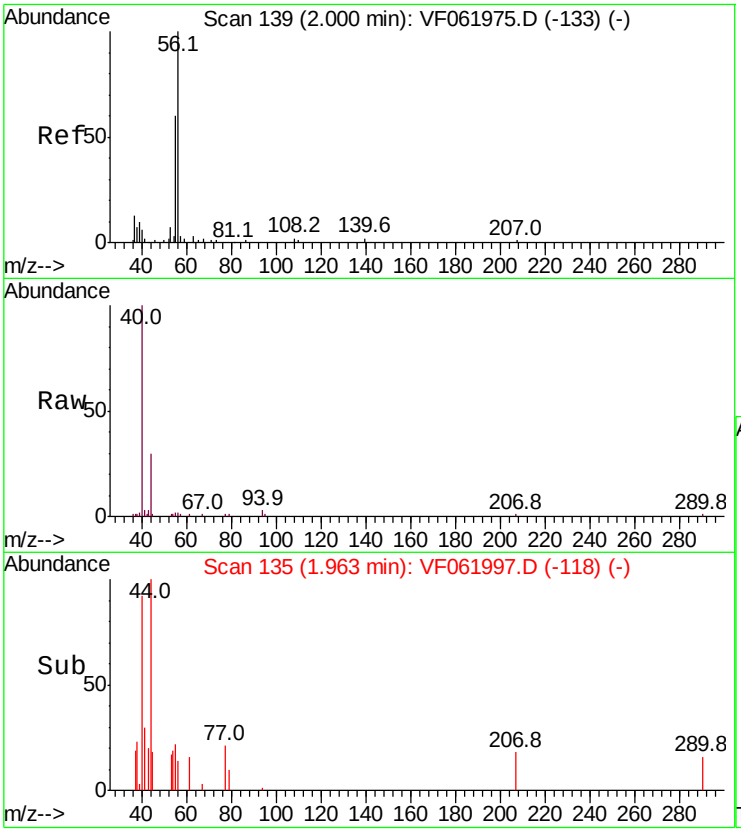


#12
1,1-Dichloroethene
Concen: 36.083 ug/l
RT: 1.77 min Scan# 115
Delta R.T. -0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 96 Resp: 67

Ion	Ratio	Lower	Upper
96	100		
61	0.0	138.6	208.0#
98	0.0	53.2	79.8#



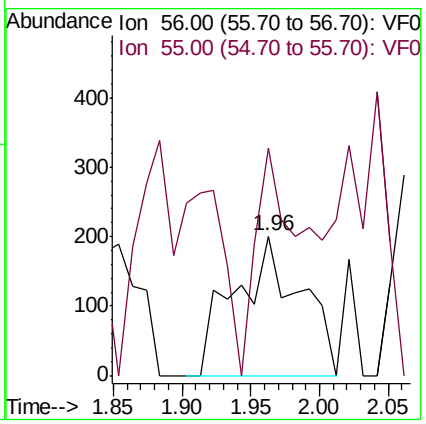


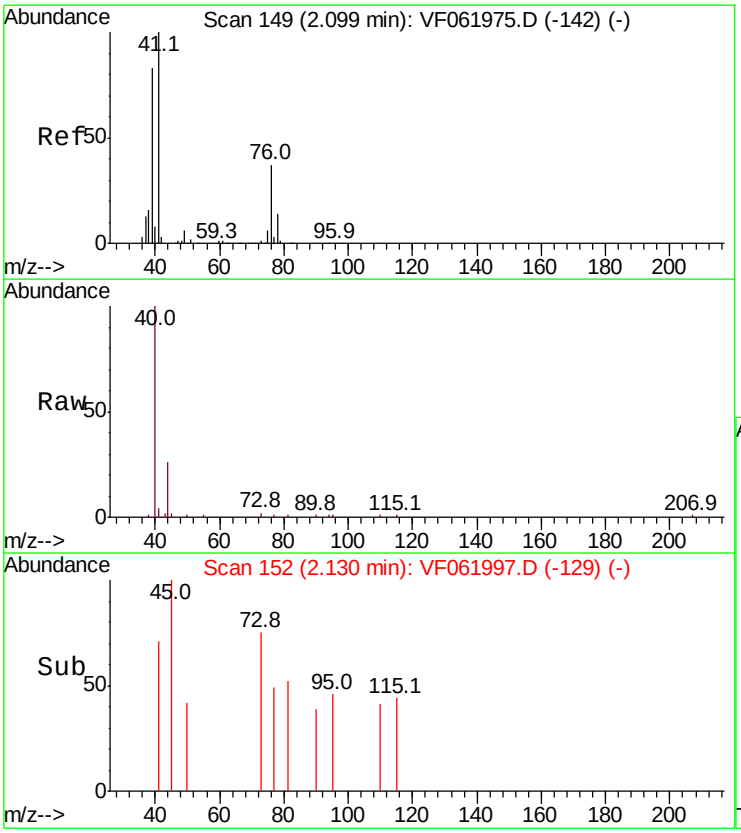
#13
Acrolein
Concen: 6337.738 ug/l
RT: 1.96 min Scan# 135
Delta R.T. -0.04 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 56 Resp: 663

Ion	Ratio	Lower	Upper
56	100		
55	162.7	49.1	73.7#

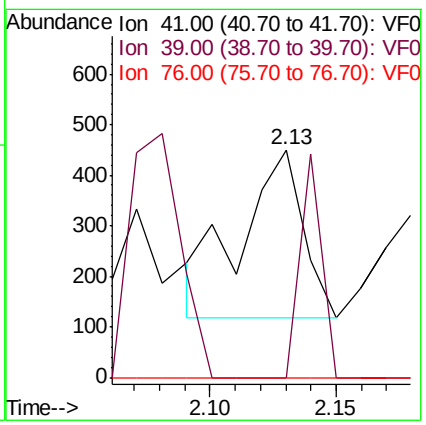


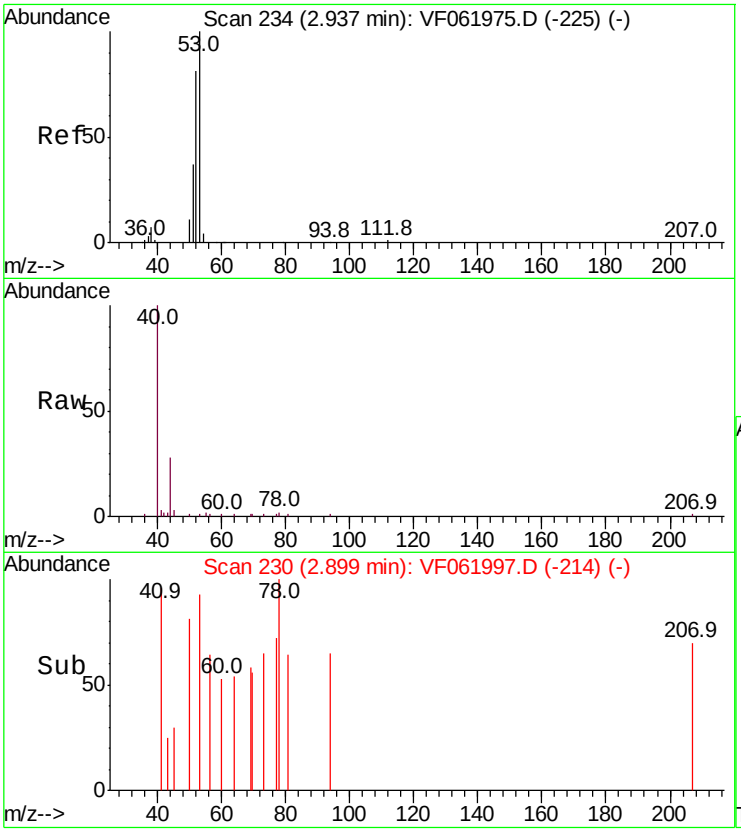


#14
Allyl chloride
Concen: 241.753 ug/l
RT: 2.13 min Scan# 152
Delta R.T. 0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 41 Resp: 573

Ion	Ratio	Lower	Upper
41	100		
39	0.0	66.8	100.2#
76	0.0	31.1	46.7#



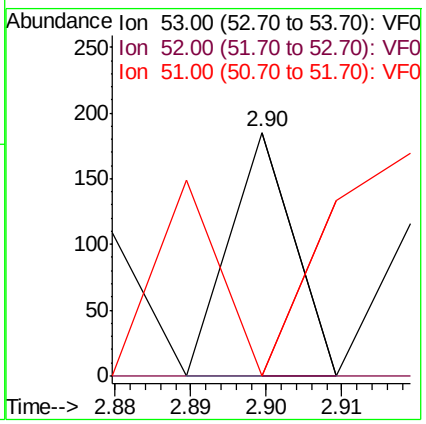


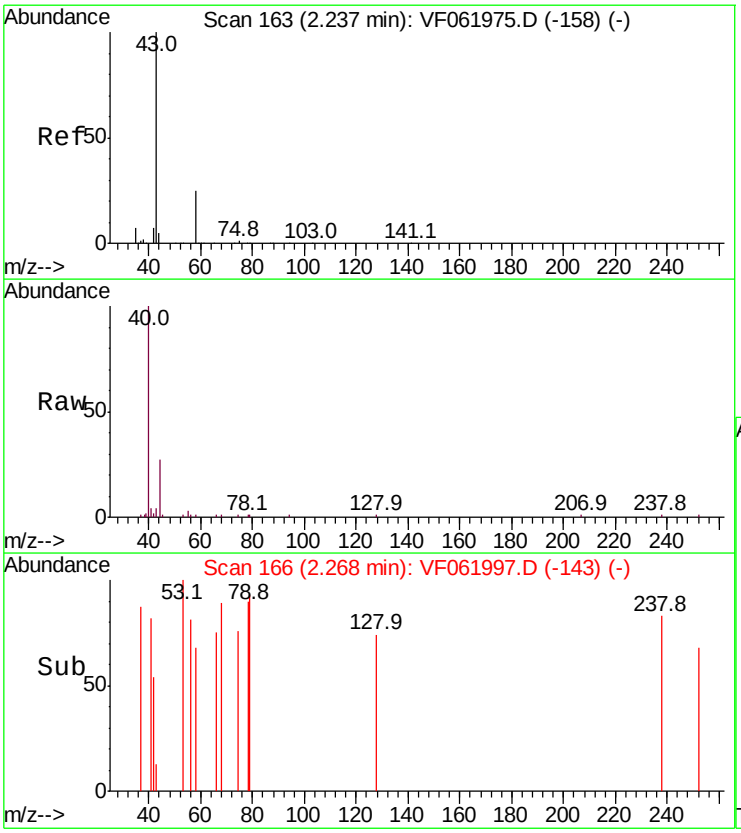
#15
Acrylonitrile
Concen: 373.283 ug/l
RT: 2.90 min Scan# 230
Delta R.T. -0.04 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 53 Resp: 110

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.4	96.6#
51	0.0	30.3	45.5#

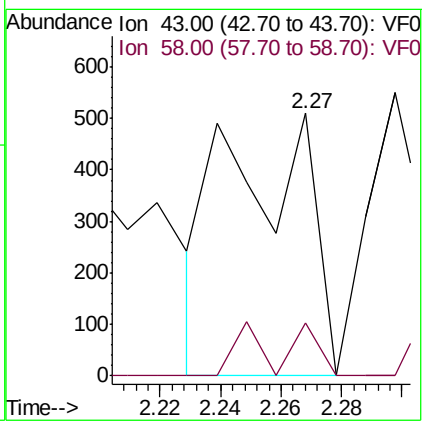


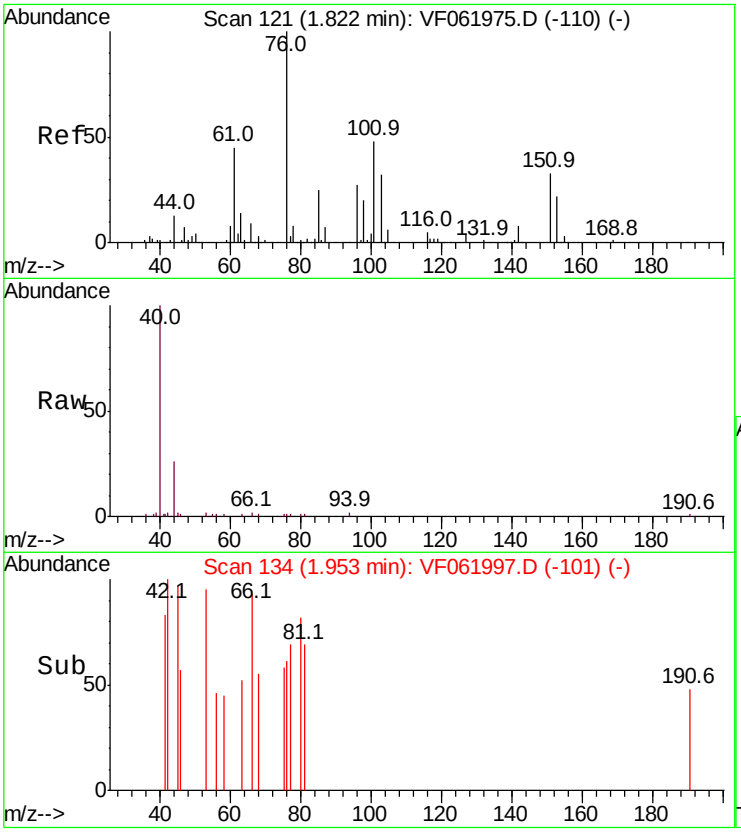


#16
Acetone
Concen: 2752.982 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 43 Resp: 979

Ion	Ratio	Lower	Upper
43	100		
58	20.0	19.9	29.9



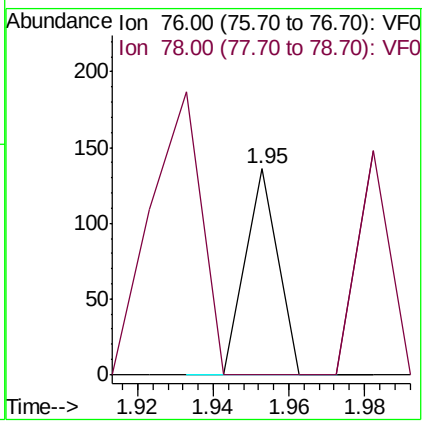


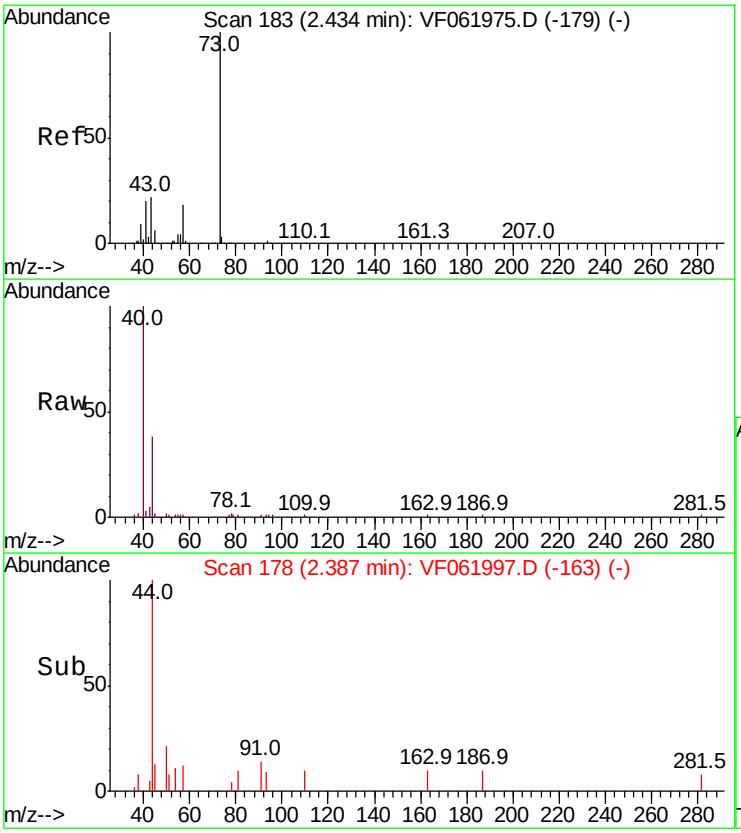
#17
Carbon Disulfide
Concen: 14.898 ug/l
RT: 1.95 min Scan# 134
Delta R.T. 0.13 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 76 Resp: 80

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#

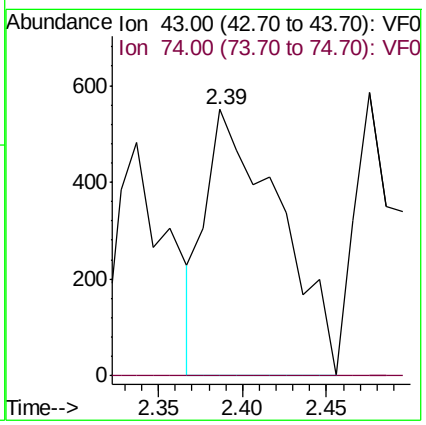


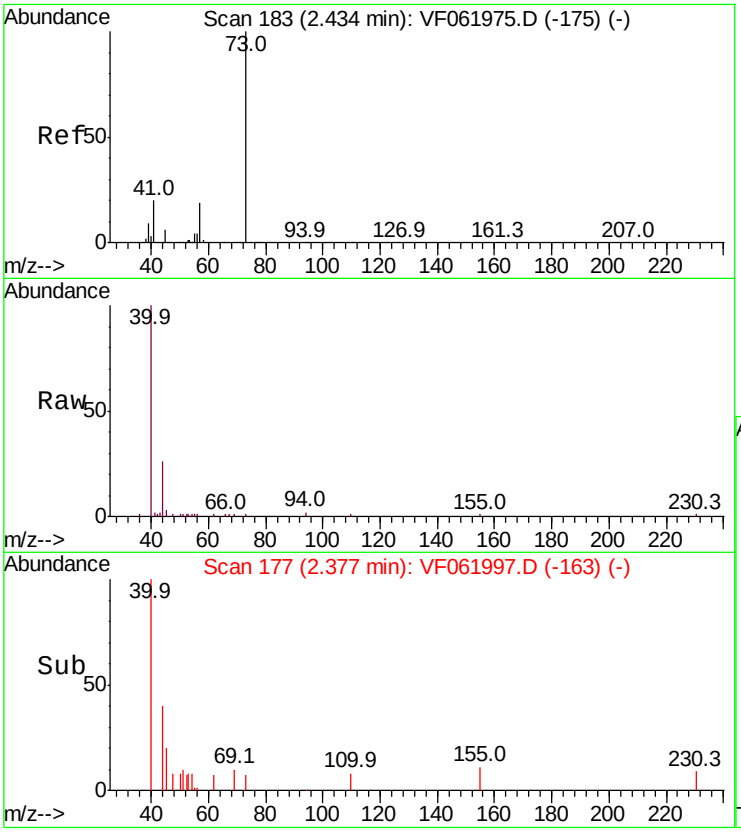


#18
Methyl Acetate
Concen: 2303.676 ug/l
RT: 2.39 min Scan# 178
Delta R.T. -0.05 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 43 Resp: 1676

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	18.8#



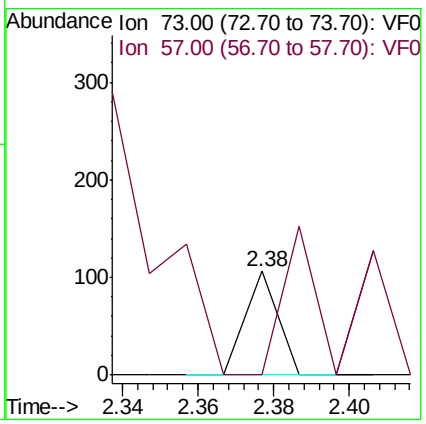


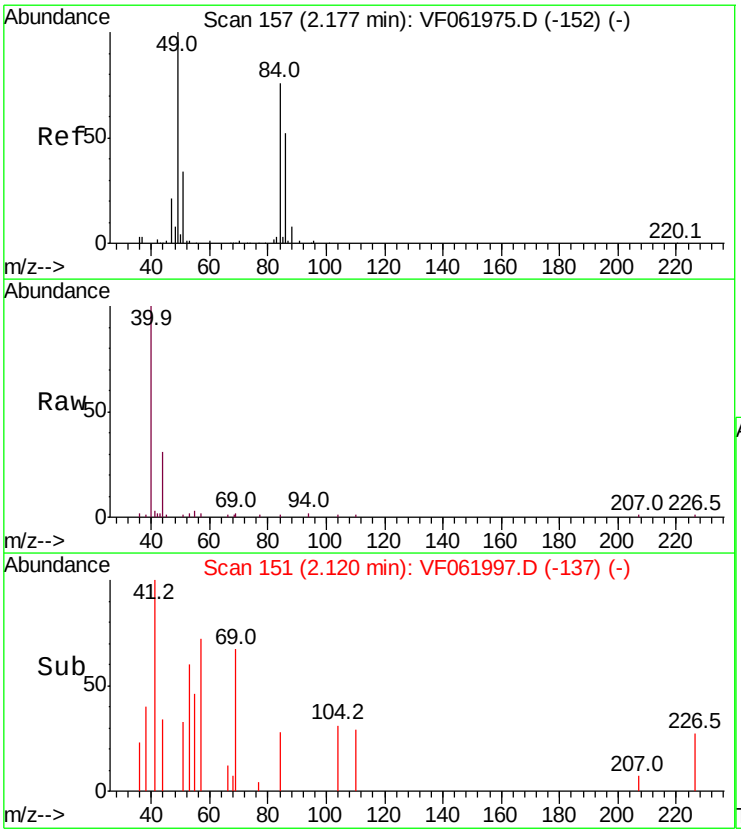
#19
Methyl tert-butyl Ether
Concen: 18.725 ug/l
RT: 2.38 min Scan# 177
Delta R.T. -0.06 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 73 Resp: 63

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.3	22.9#

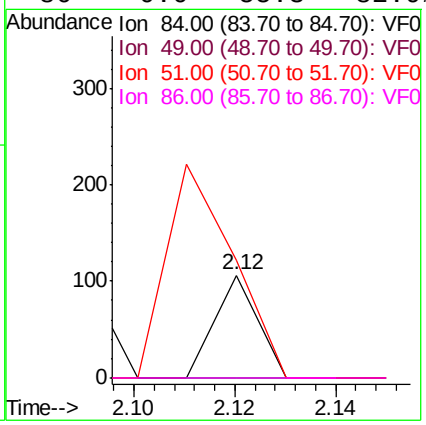


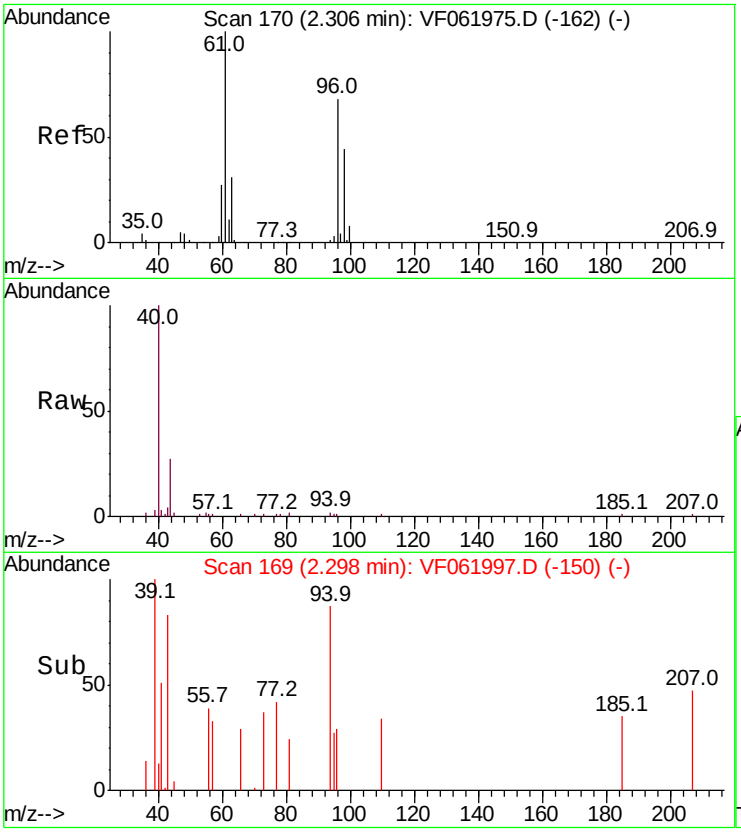


#20
Methylene Chloride
Concen: 34.411 ug/l
RT: 2.12 min Scan# 151
Delta R.T. -0.06 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 84 Resp: 63

Ion	Ratio	Lower	Upper
84	100		
49	0.0	107.0	160.6#
51	115.1	37.2	55.8#
86	0.0	55.3	82.9#



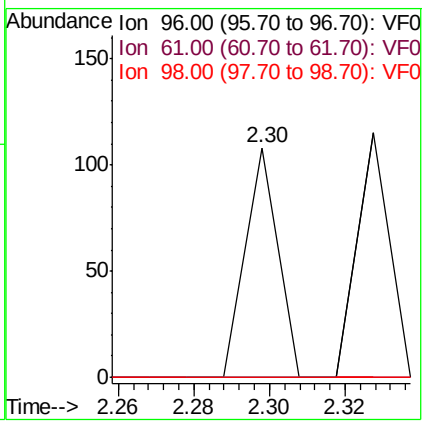


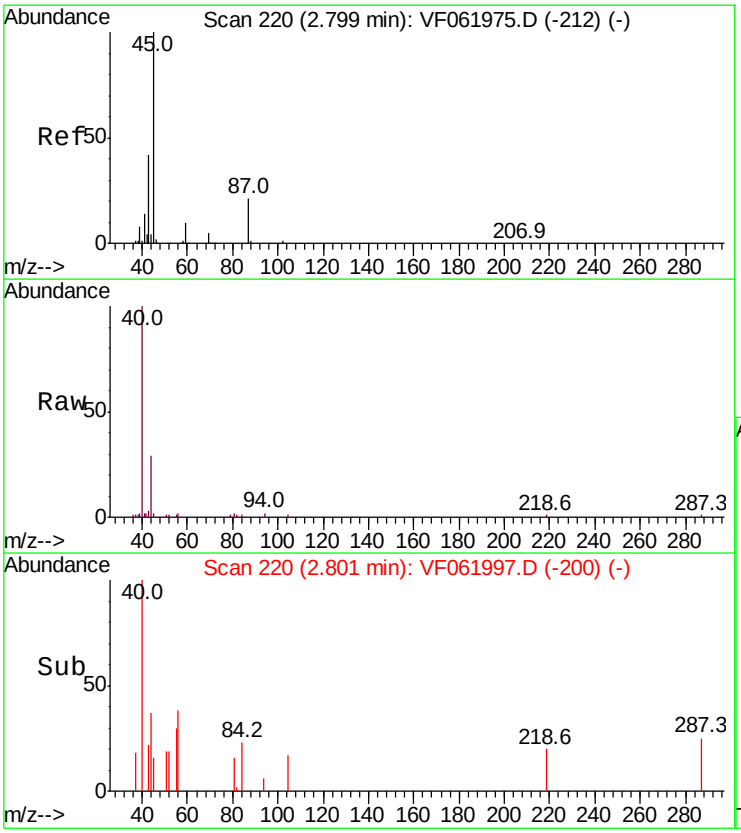
#21
trans-1,2-Dichloroethene
Concen: 33.029 ug/l
RT: 2.30 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 96 Resp: 64

Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.4	176.2#
98	0.0	51.2	76.8#

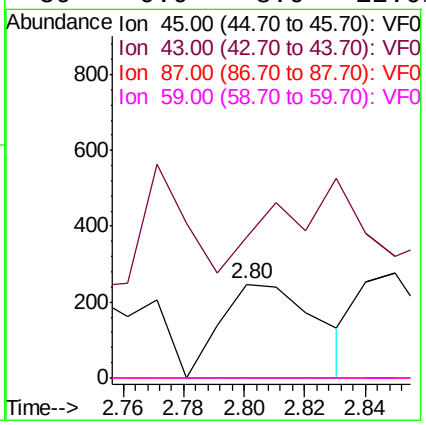


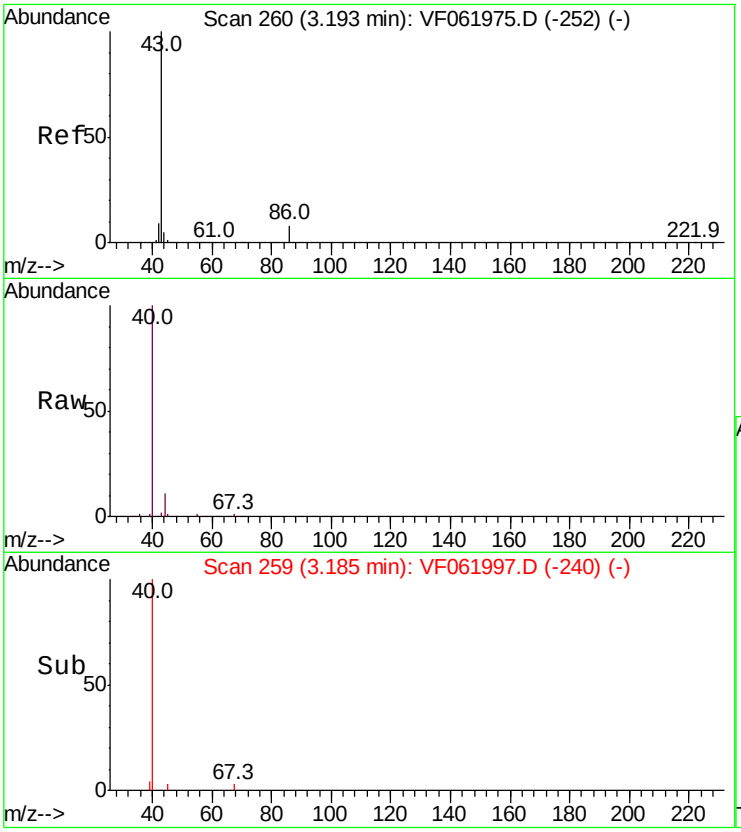


#22
Diisopropyl ether
Concen: 96.297 ug/l
RT: 2.80 min Scan# 220
Delta R.T. 0.00 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 45 Resp: 549

Ion	Ratio	Lower	Upper
45	100		
43	150.2	33.7	50.5#
87	0.0	17.1	25.7#
59	0.0	8.0	12.0#



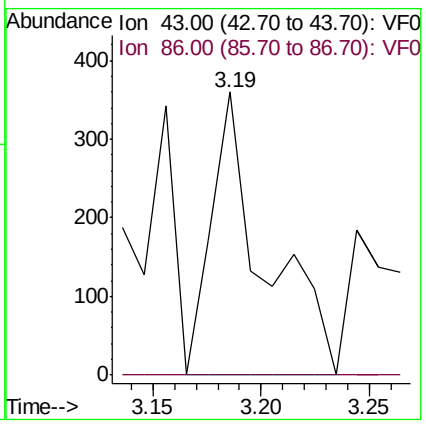


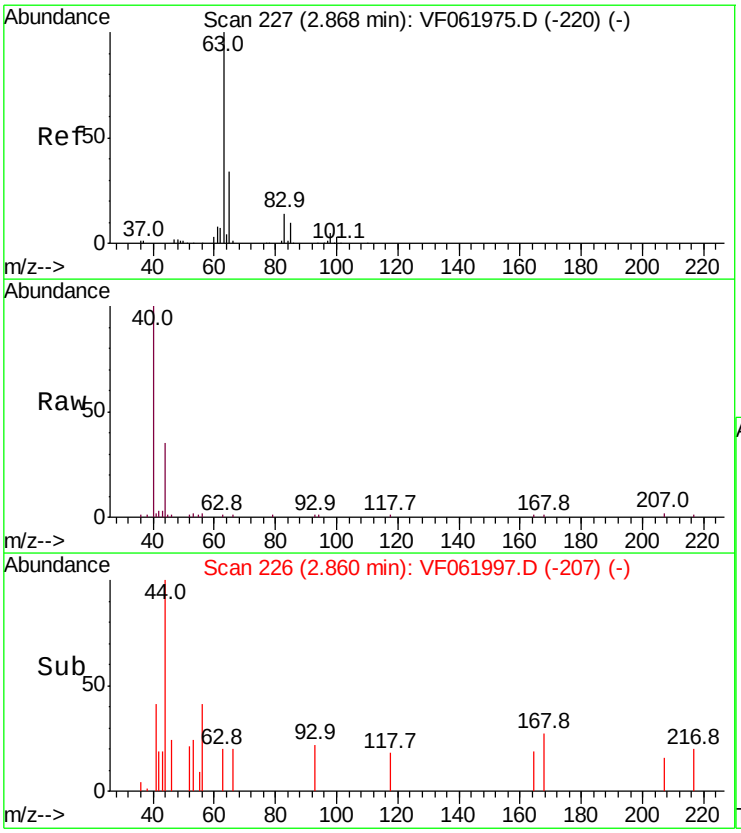
#23
Vinyl Acetate
Concen: 274.089 ug/l
RT: 3.19 min Scan# 259
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 43 Resp: 616

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#

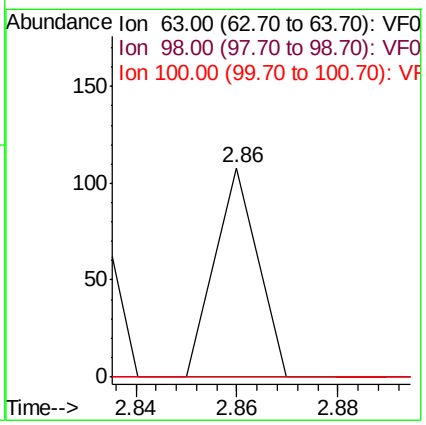


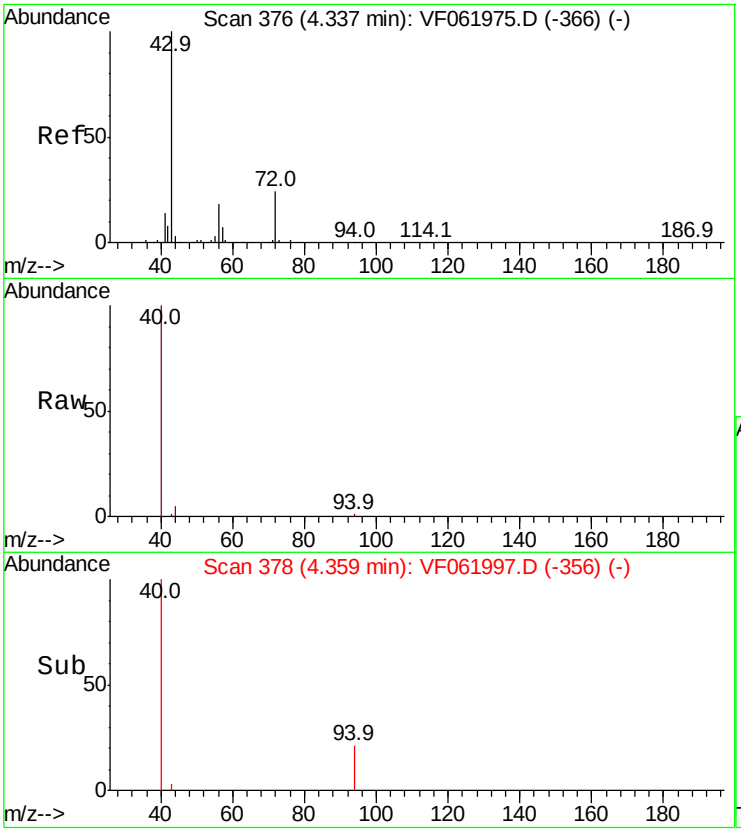


#24
1,1-Dichloroethane
Concen: 19.306 ug/l
RT: 2.86 min Scan# 226
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 63 Resp: 64

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.7	8.1#
100	0.0	1.7	5.0#



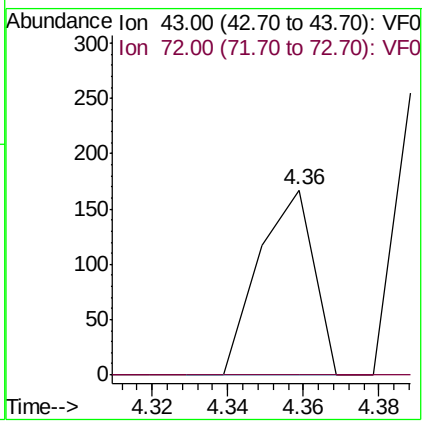


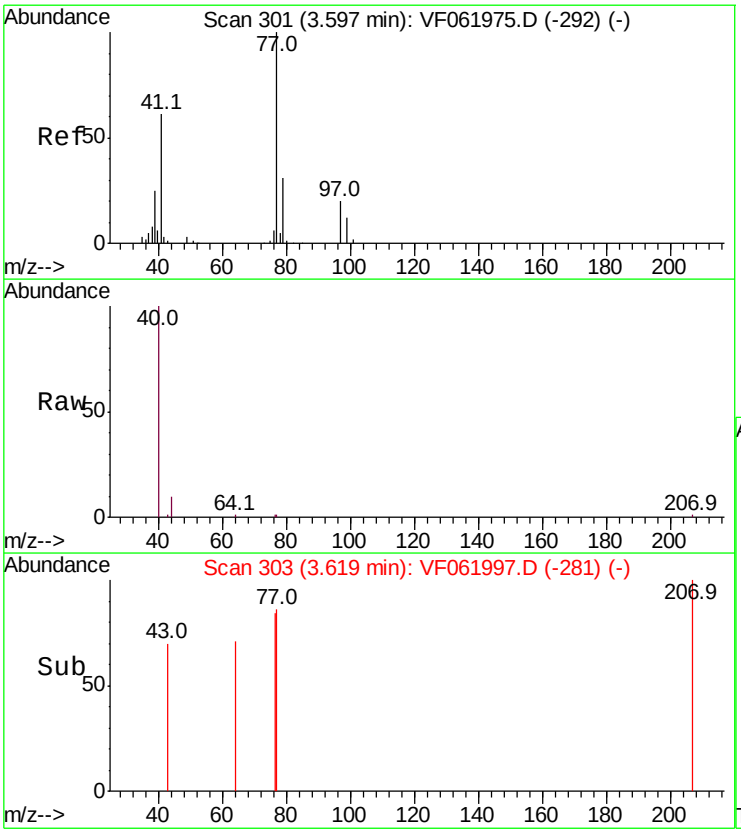
#25
2-Butanone
Concen: 238.541 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 43 Resp: 168

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#

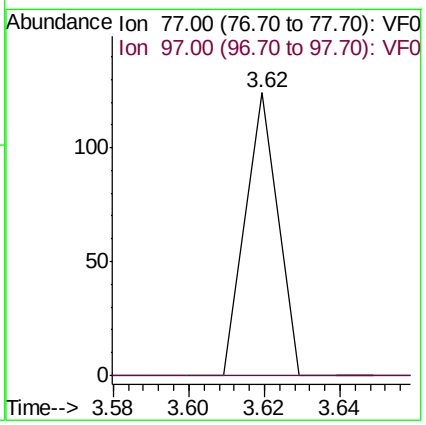


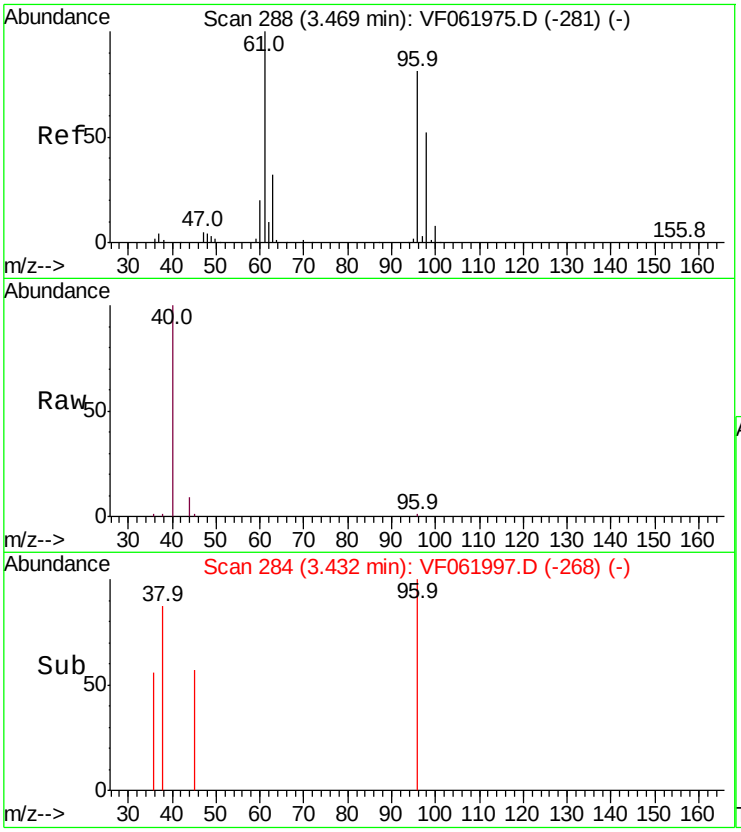


#26
2,2-Dichloropropane
Concen: 46.686 ug/l
RT: 3.62 min Scan# 303
Delta R.T. 0.02 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 77 Resp: 73

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.8	32.4#



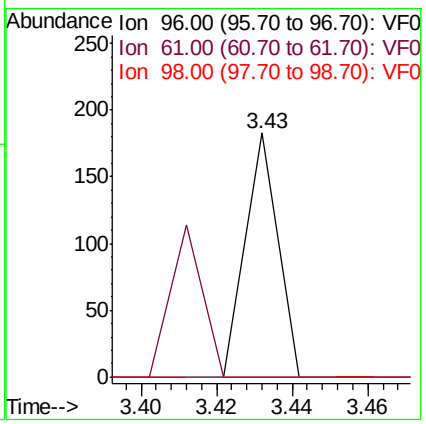


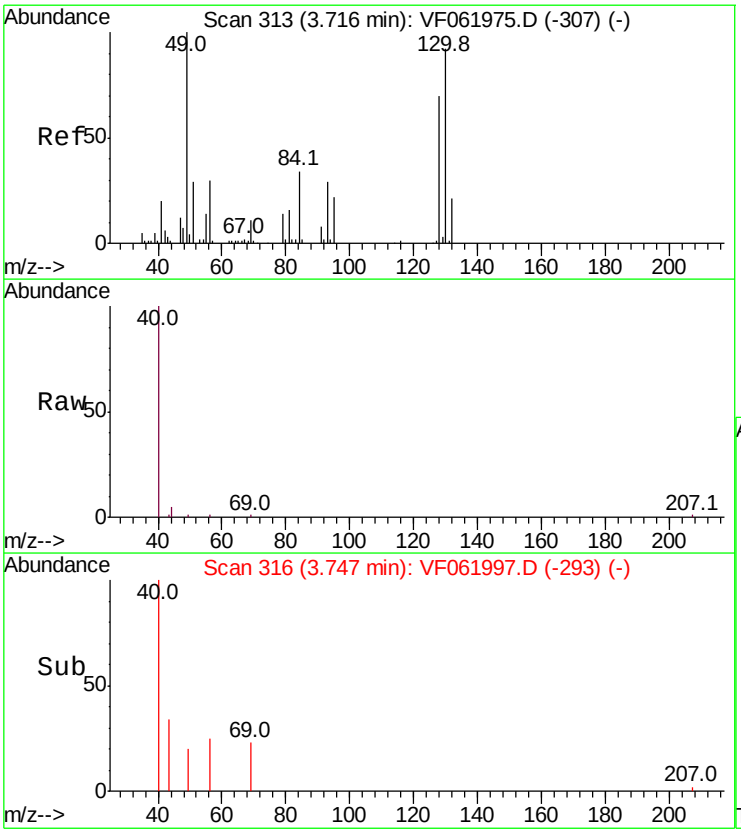
#27
cis-1,2-Dichloroethene
Concen: 44.221 ug/l
RT: 3.43 min Scan# 284
Delta R.T. -0.04 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 96 Resp: 108

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	246.6
98	0.0	0.0	129.2

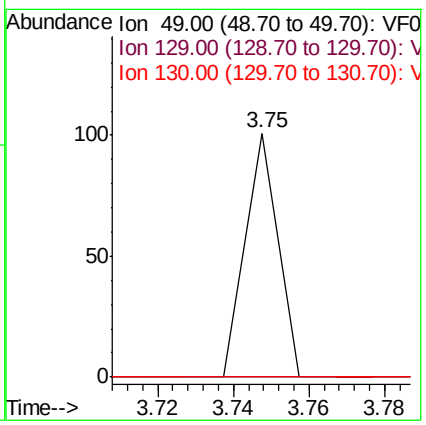


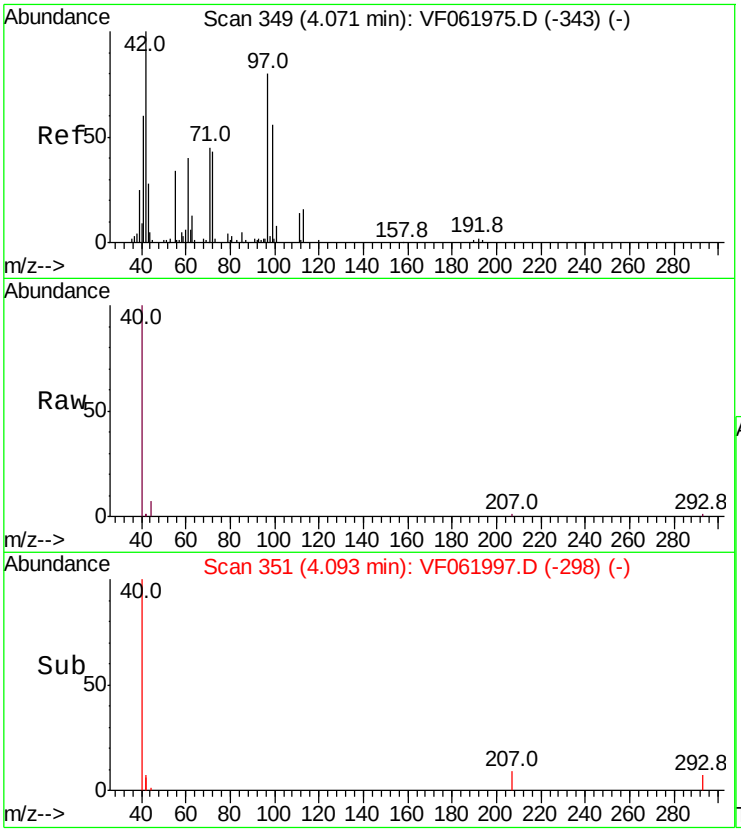


#28
Bromochloromethane
Concen: 43.620 ug/l
RT: 3.75 min Scan# 316
Delta R.T. 0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 49 Resp: 60

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.8
130	0.0	73.1	109.7#



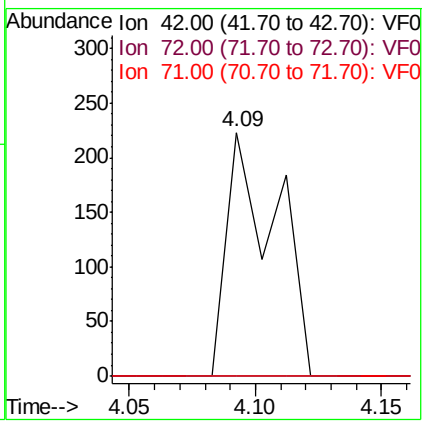


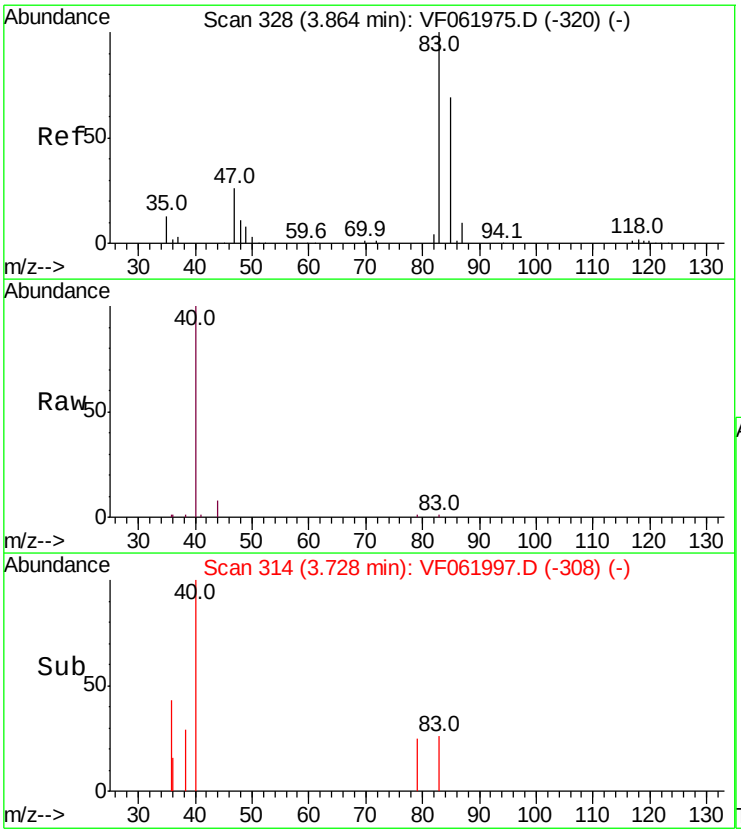
#29
Tetrahydrofuran
Concen: 992.528 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 42 Resp: 304

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	34.2	51.4#

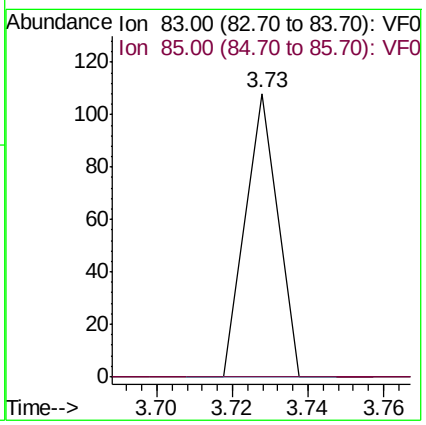


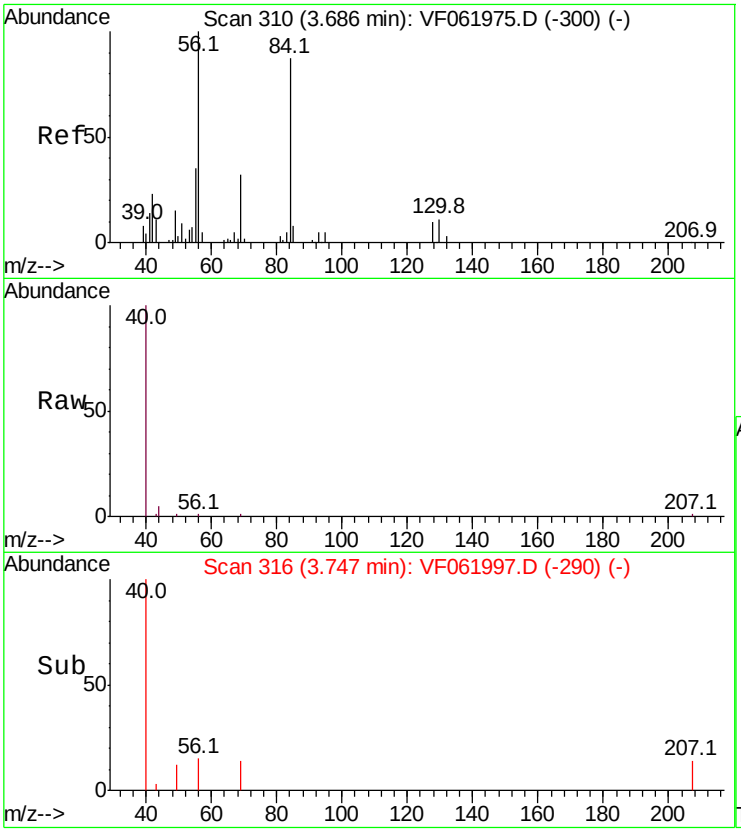


#30
Chloroform
Concen: 17.040 ug/l
RT: 3.73 min Scan# 314
Delta R.T. -0.14 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 83 Resp: 64

Ion	Ratio	Lower	Upper
83	100		
85	0.0	55.5	83.3#



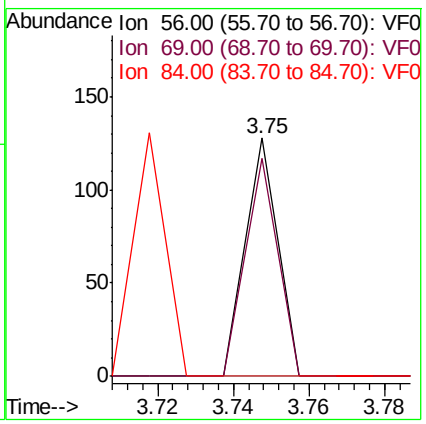


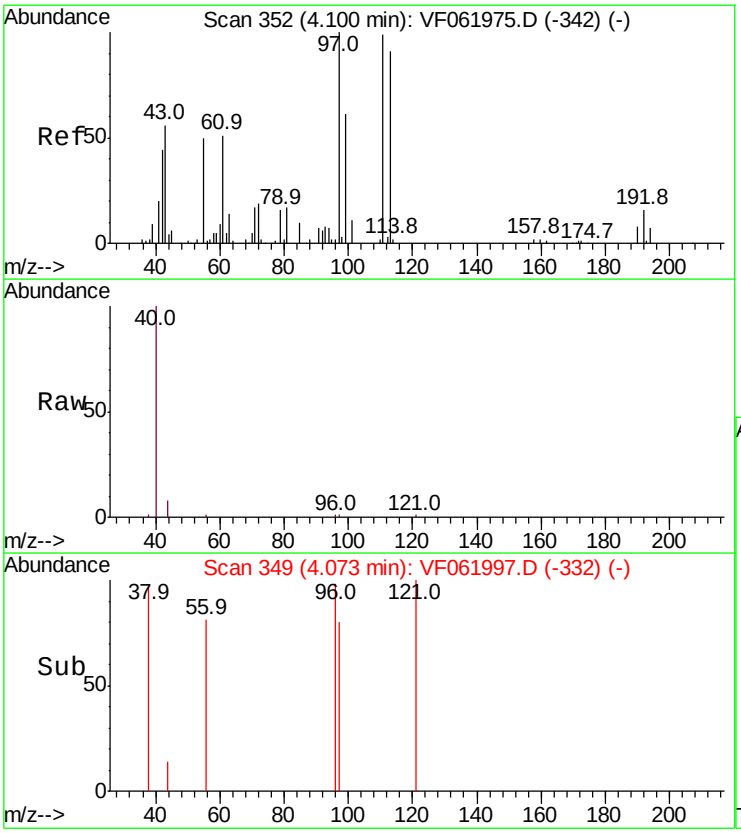
#31
Cyclohexane
Concen: 23.400 ug/l
RT: 3.75 min Scan# 316
Delta R.T. 0.06 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 56 Resp: 76

Ion	Ratio	Lower	Upper
56	100		
69	91.4	25.8	38.8#
84	0.0	69.5	104.3#

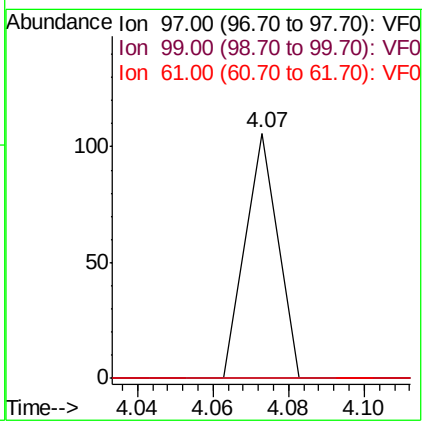


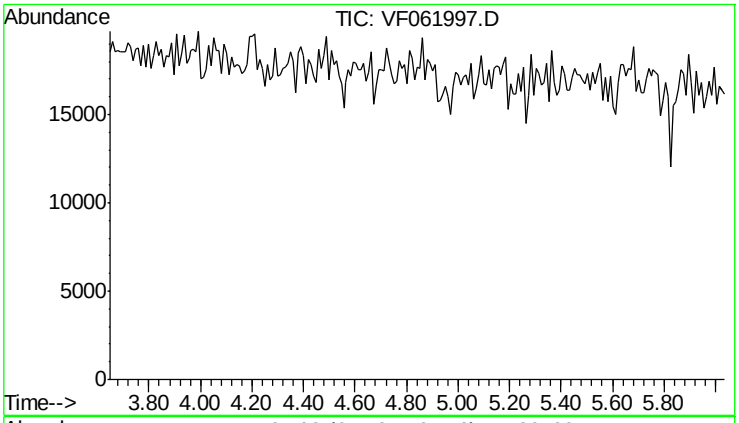


#32
1,1,1-Trichloroethane
Concen: 25.257 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 97 Resp: 63

Ion	Ratio	Lower	Upper
97	100		
99	0.0	49.0	73.4#
61	0.0	41.4	62.0#





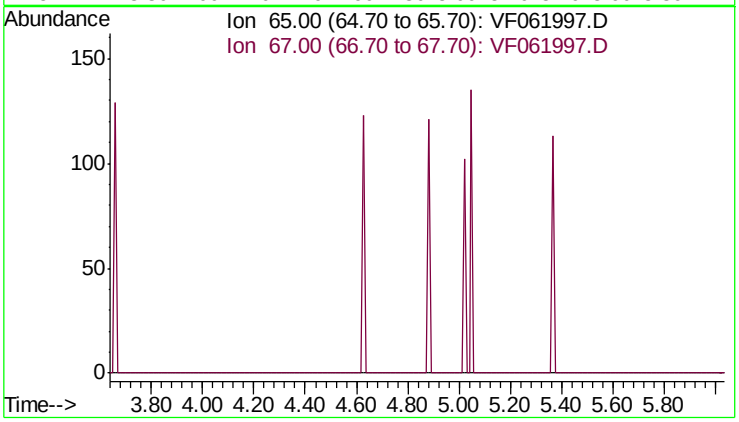
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 4.84 min

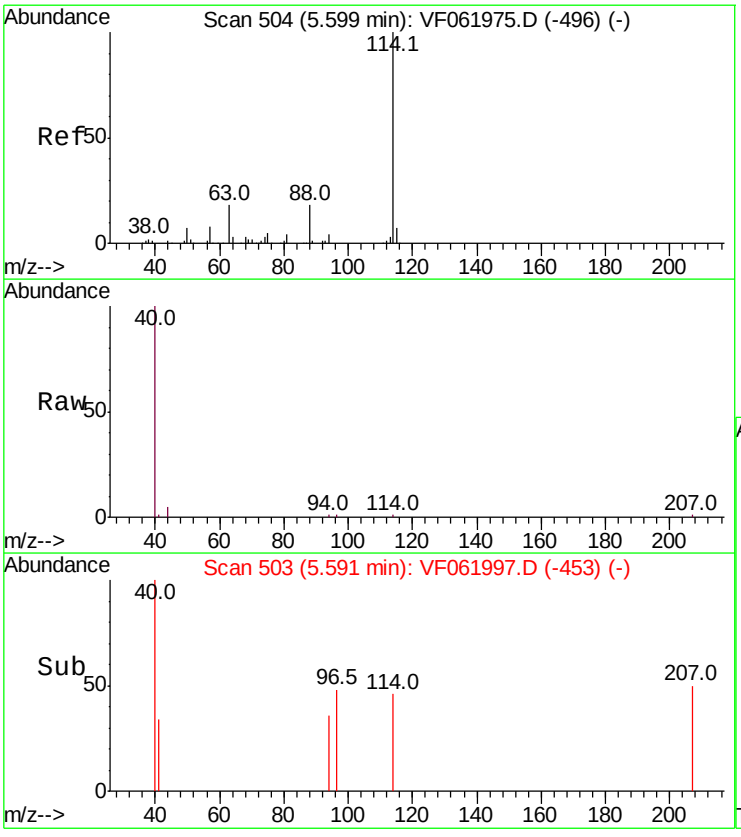
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	54.7

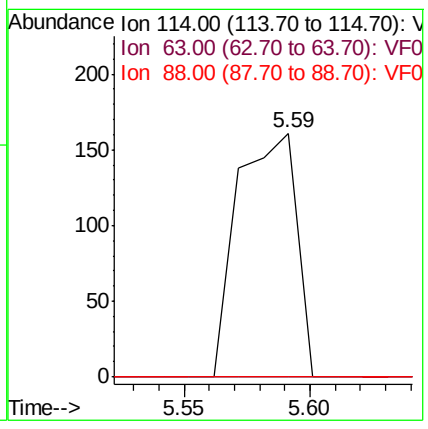


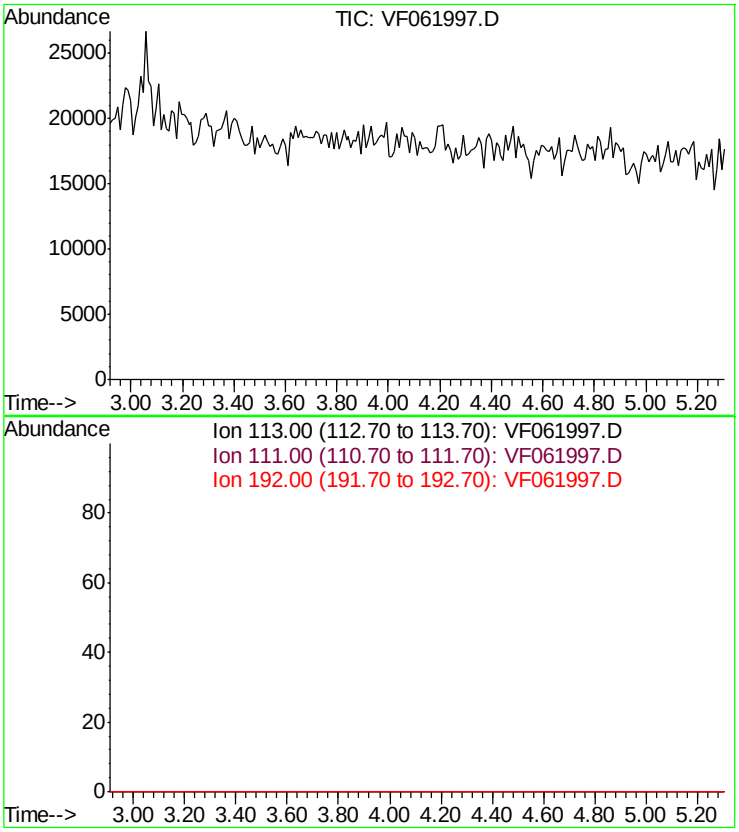


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion:114 Resp: 263

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	36.4
88	0.0	0.0	36.4





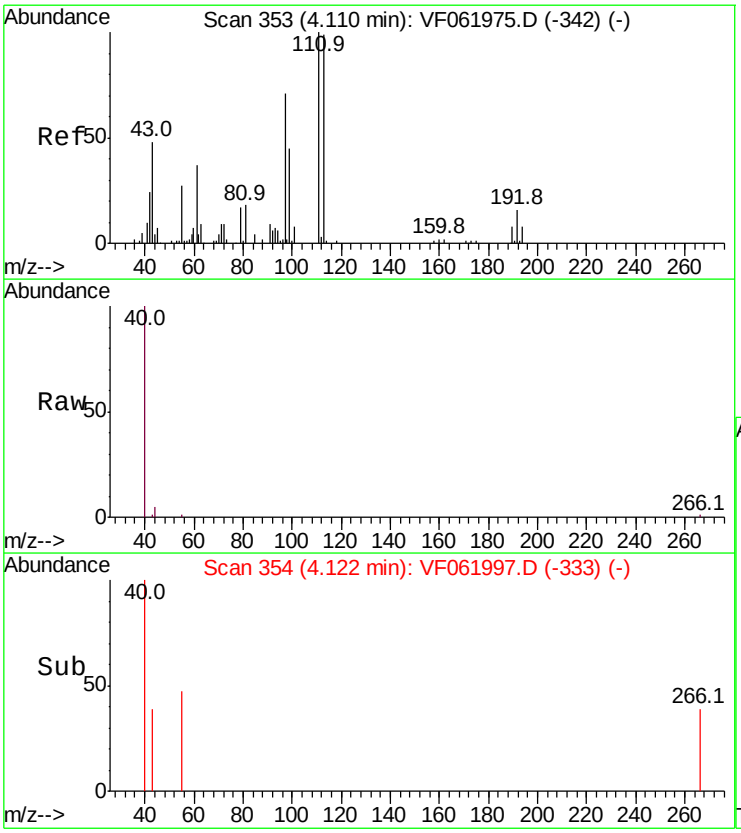
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.11 min

Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 113

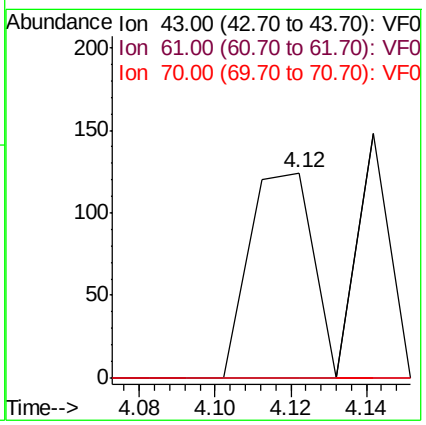
Sig	Exp Ratio
113	100
111	101.0
192	16.3

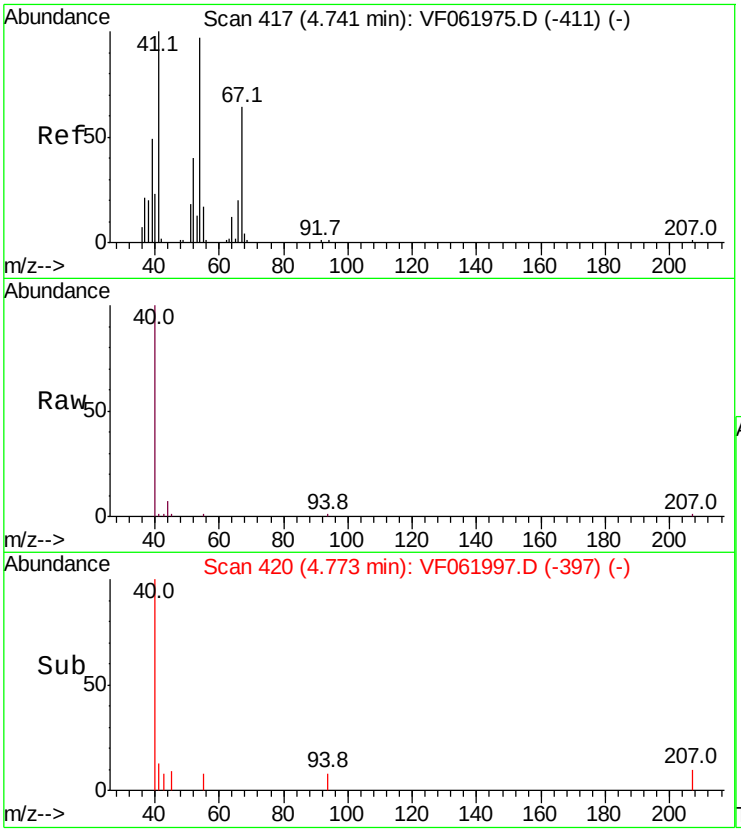


#37
Ethyl Acetate
Concen: 135.033 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 43 Resp: 144

Ion	Ratio	Lower	Upper
43	100		
61	0.0	59.8	89.6#
70	0.0	7.8	11.8#



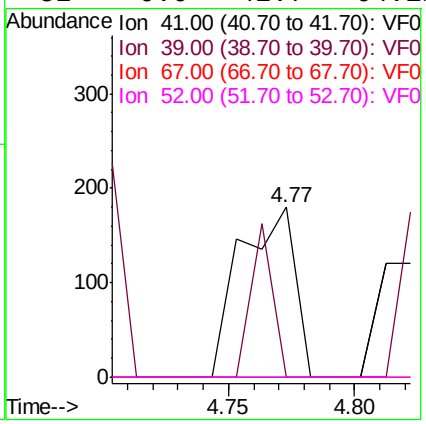


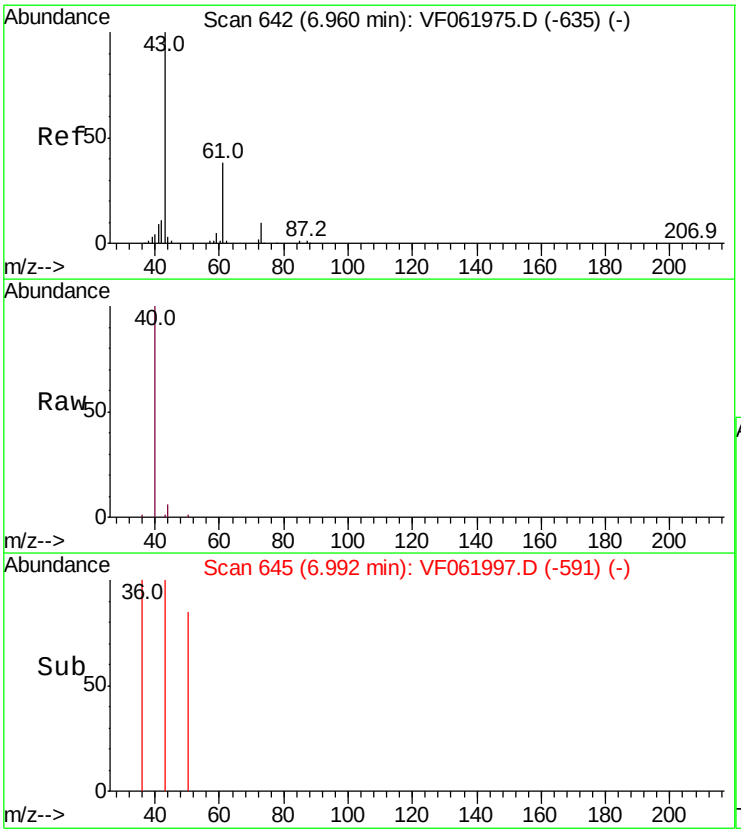
#41
Methacrylonitrile
Concen: 479.153 ug/l
RT: 4.77 min Scan# 420
Delta R.T. 0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 41 Resp: 273

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.2	69.4#
67	0.0	49.8	74.8#
52	0.0	42.7	64.1#

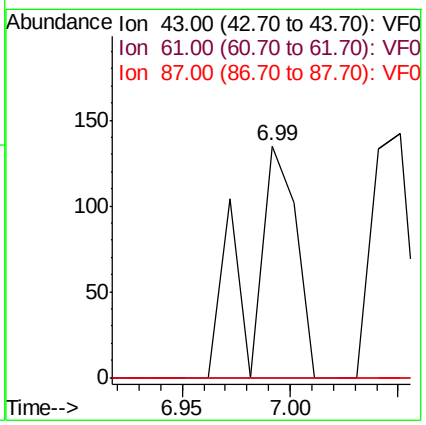


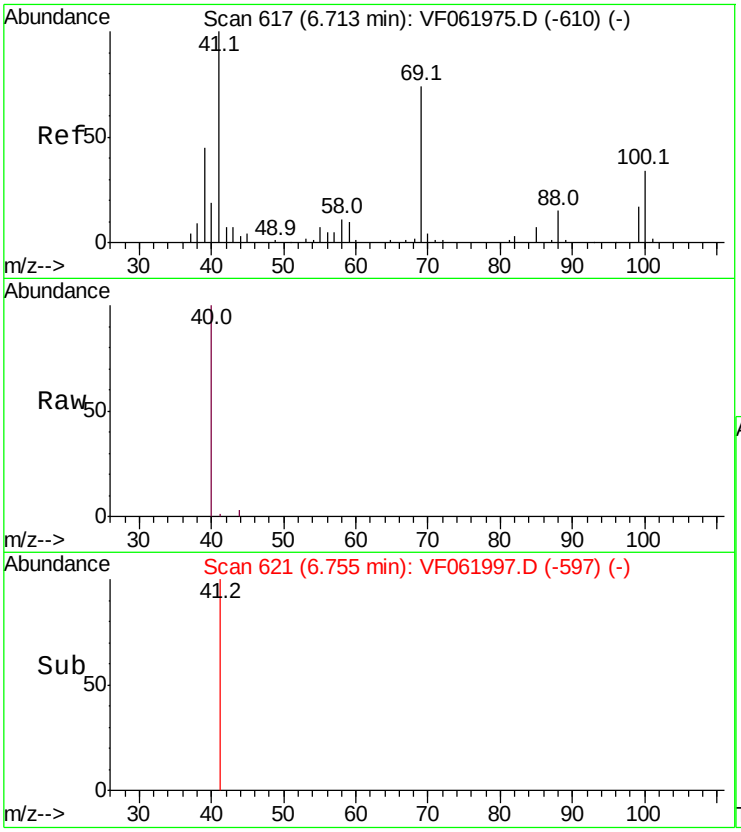


#43
Isopropyl Acetate
Concen: 160.098 ug/l
RT: 6.99 min Scan# 645
Delta R.T. 0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 43 Resp: 202

Ion	Ratio	Lower	Upper
43	100		
61	0.0	30.1	45.1#
87	0.0	0.4	0.6#



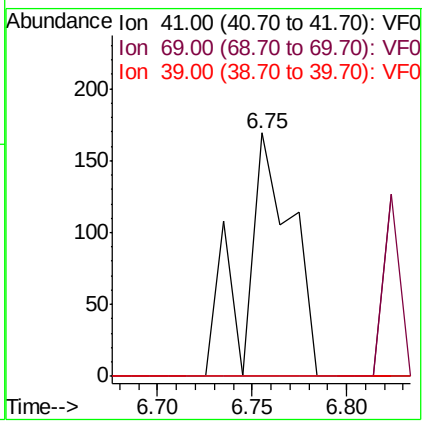


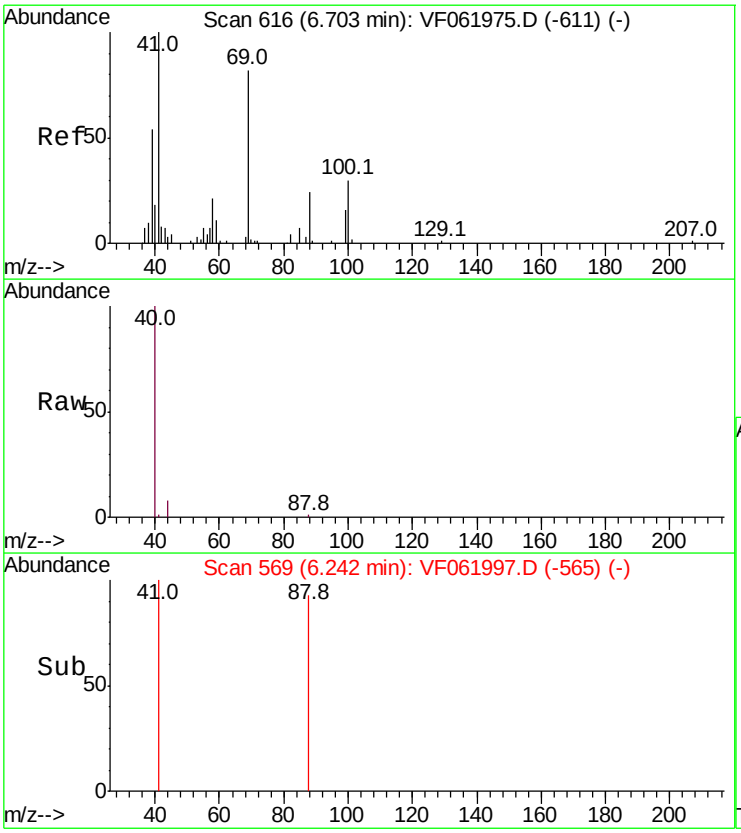
#48
Methyl methacrylate
Concen: 359.312 ug/l
RT: 6.75 min Scan# 621
Delta R.T. 0.04 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 41 Resp: 293

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.6#
39	0.0	35.6	53.4#

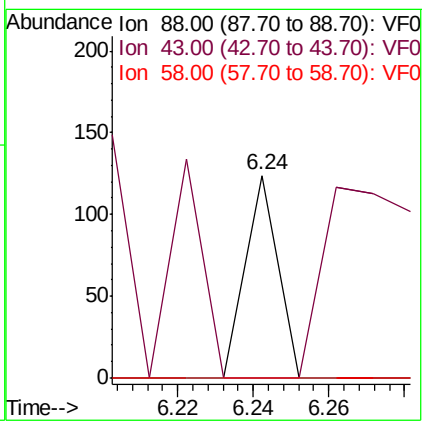


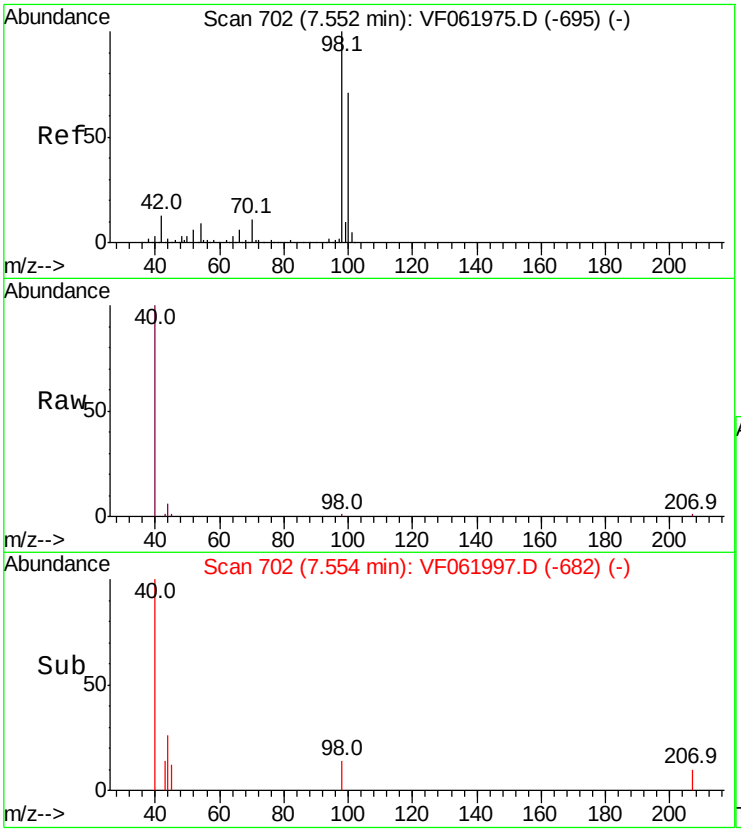


#49
1,4-Dioxane
Concen: 10064.226 ug/l
RT: 6.24 min Scan# 569
Delta R.T. -0.46 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.2	46.8#
58	0.0	69.9	104.9#



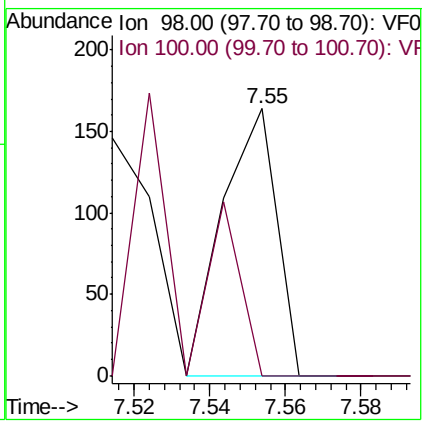


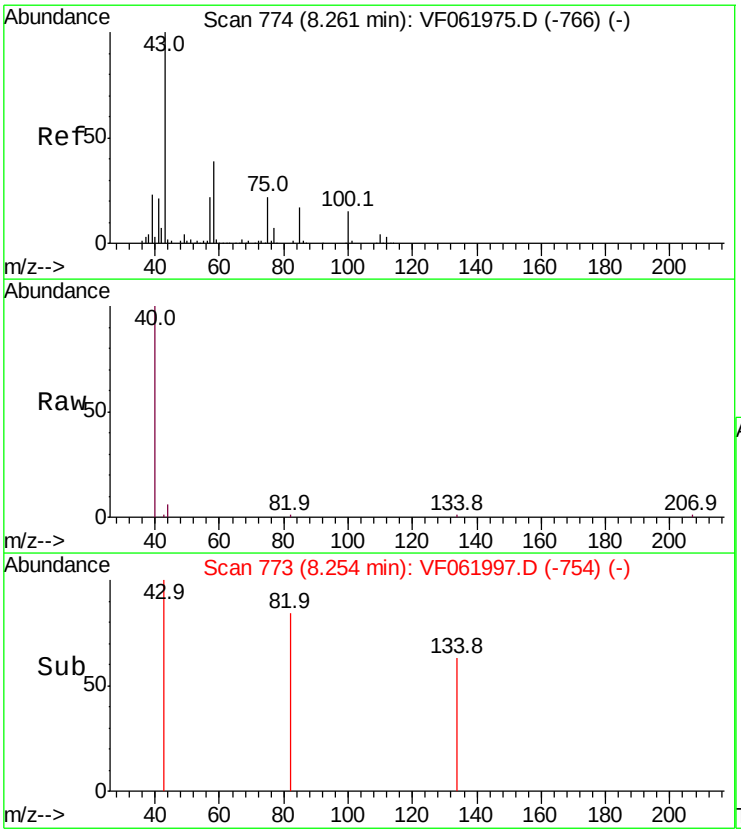
#50
Toluene-d8
Concen: 31.185 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 98 Resp: 161

Ion	Ratio	Lower	Upper
98	100		
100	0.0	56.8	85.2#

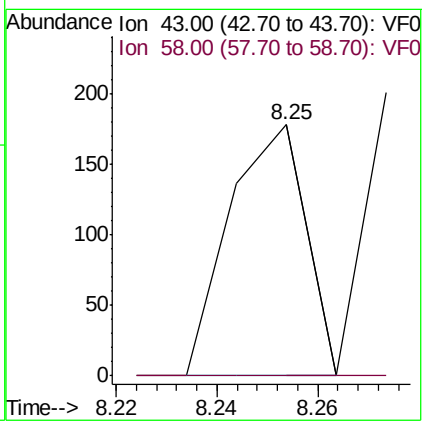


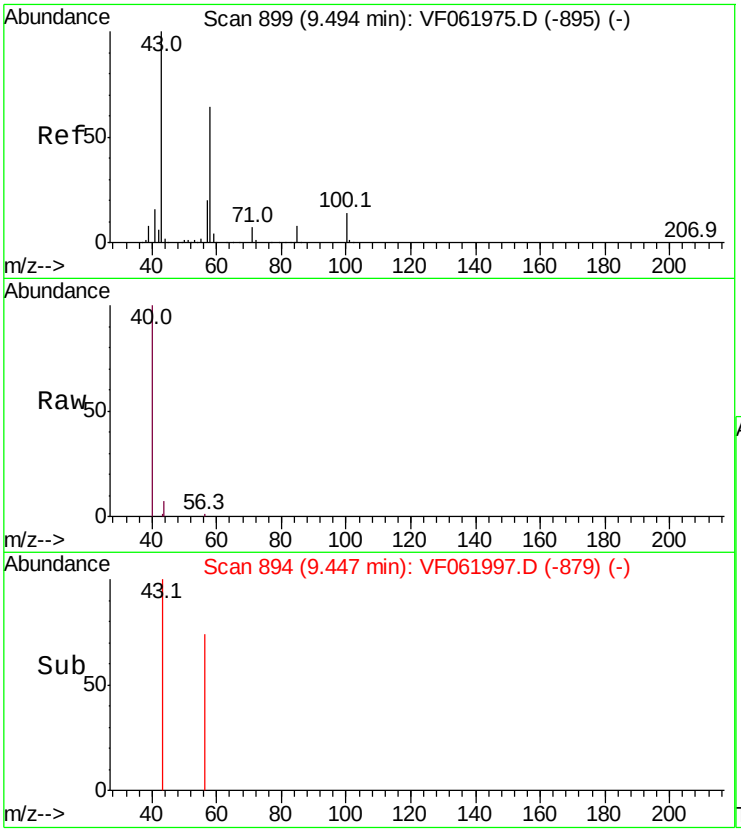


#51
4-Methyl-2-Pentanone
Concen: 207.596 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 43 Resp: 186

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.1	46.7#



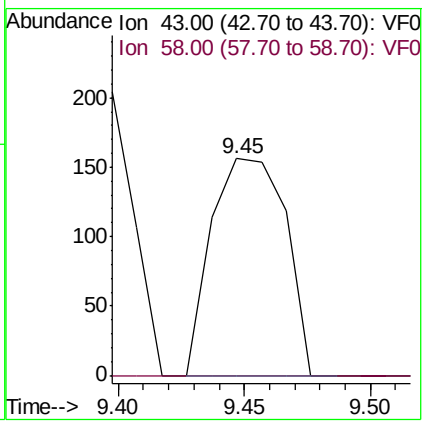


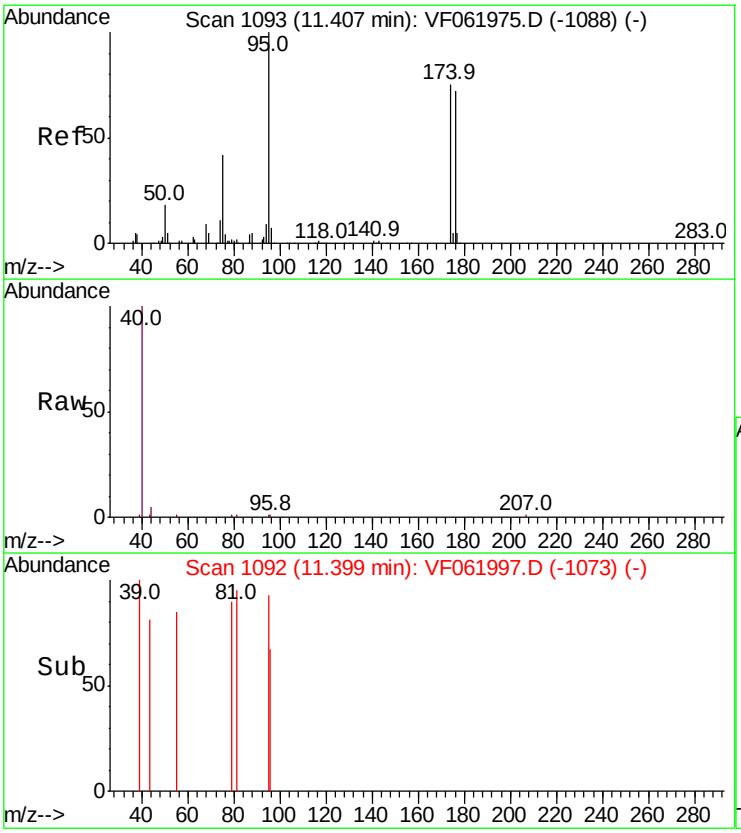
#59
2-Hexanone
Concen: 495.050 ug/l
RT: 9.45 min Scan# 894
Delta R.T. -0.05 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 43 Resp: 321

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.2#

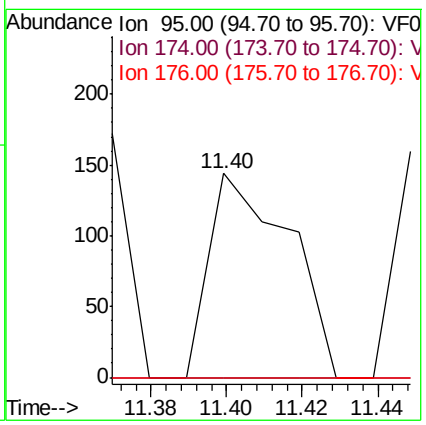


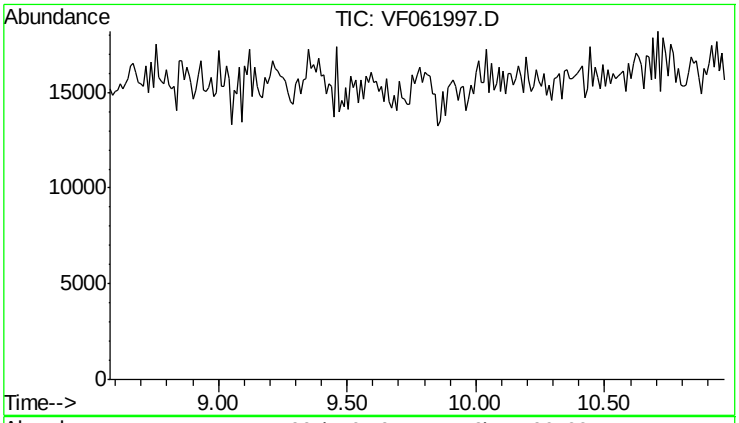


#62
4-Bromofluorobenzene
Concen: 102.877 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 95 Resp: 211

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	149.4
176	0.0	0.0	143.4





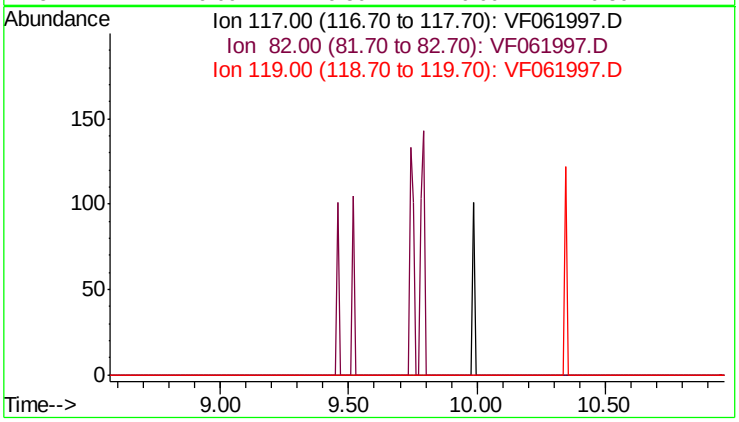
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.77 min

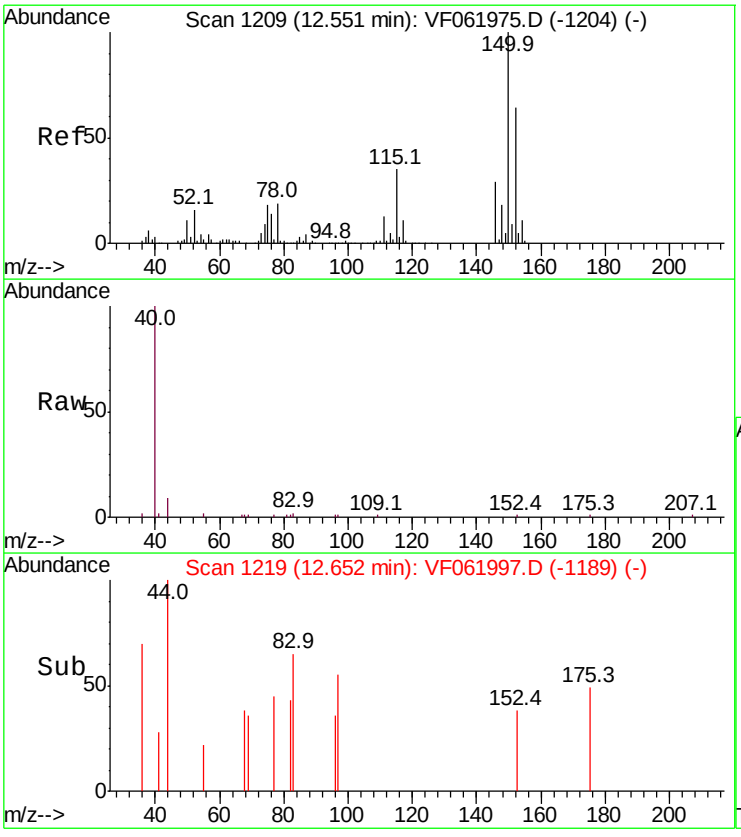
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	53.1
119	31.7

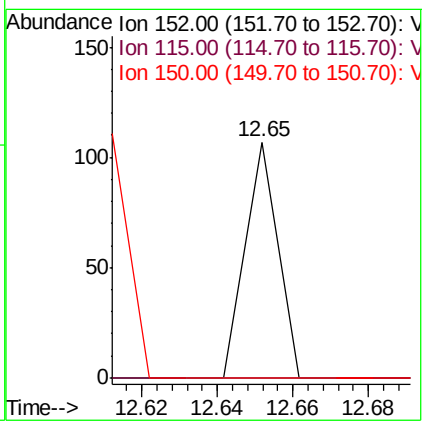


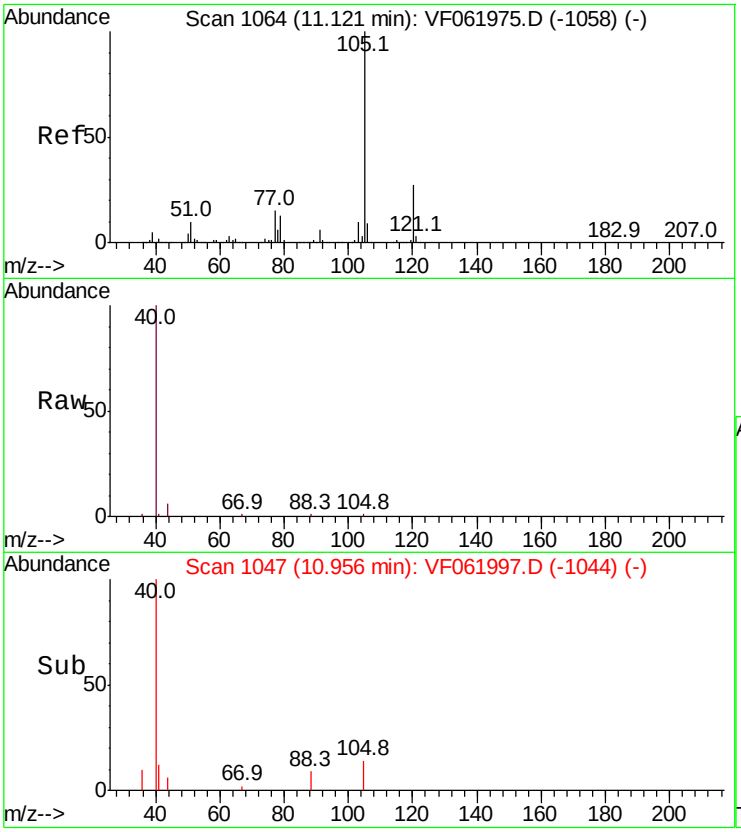


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.65 min Scan# 1219
Delta R.T. 0.10 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion:152 Resp: 63

Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.3	81.9#
150	0.0	0.0	316.2



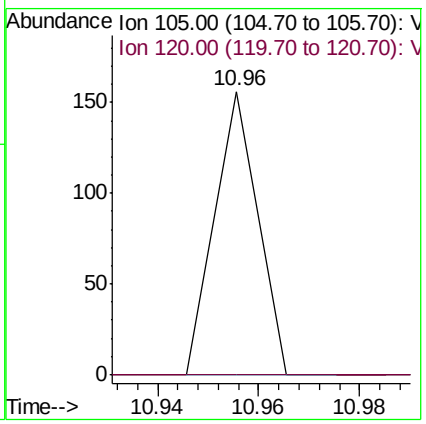


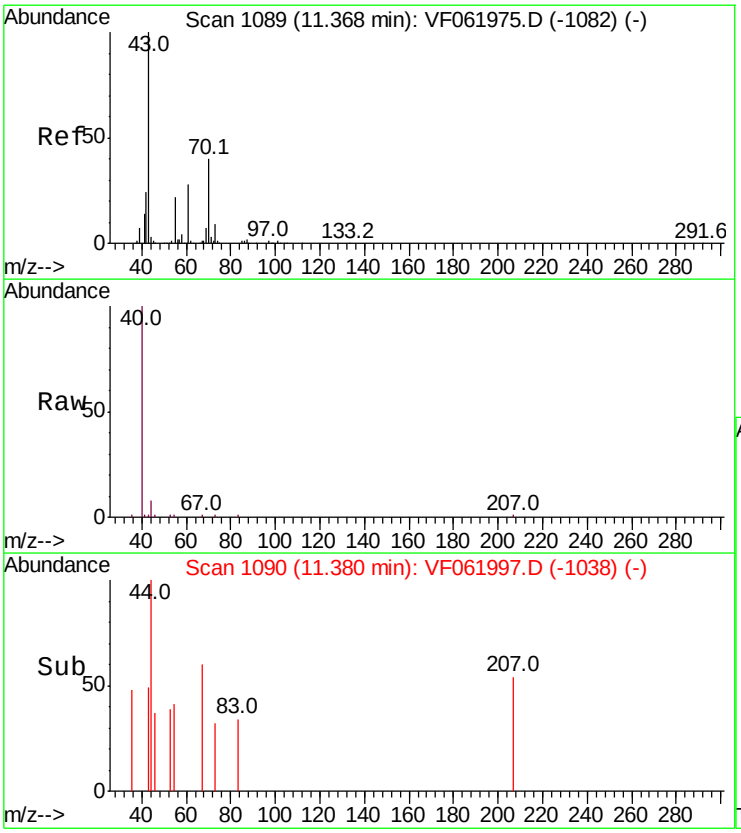
#73
Isopropylbenzene
Concen: 21.138 ug/l
RT: 10.96 min Scan# 1047
Delta R.T. -0.17 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion:105 Resp: 92

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.8	41.3#

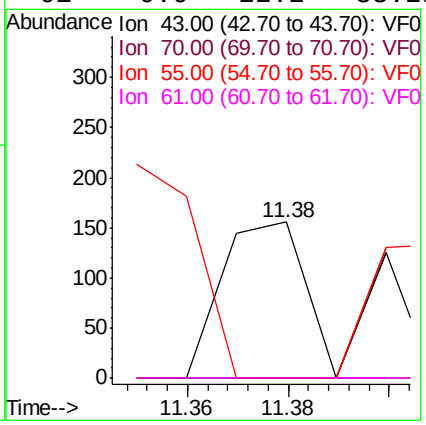


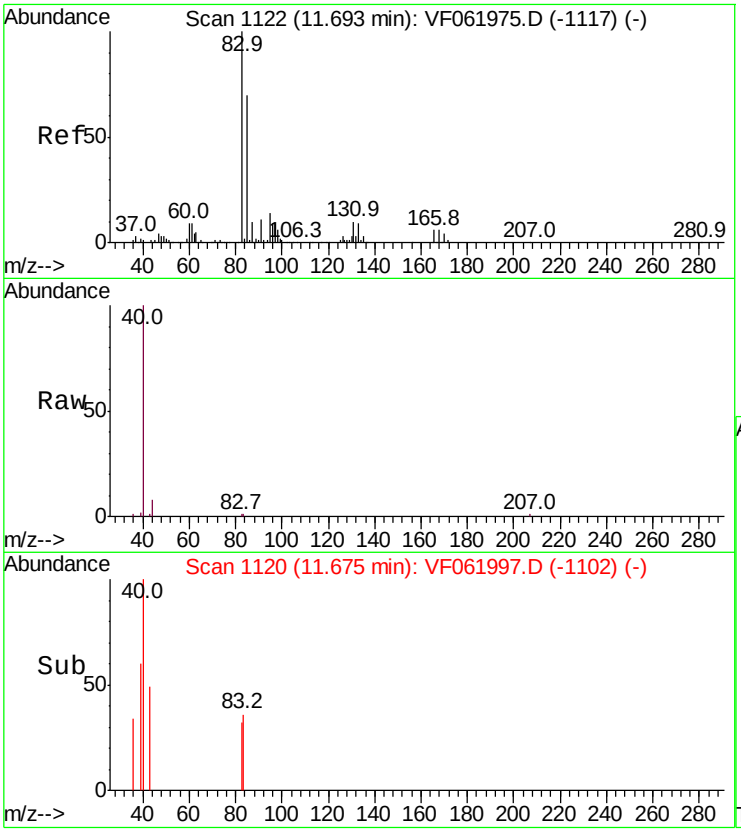


#74
N-amyl acetate
Concen: 178.483 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 43 Resp: 178

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.9	47.9#
55	0.0	17.9	26.9#
61	0.0	22.2	33.2#



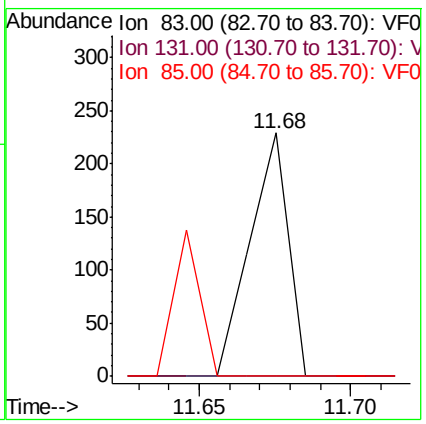


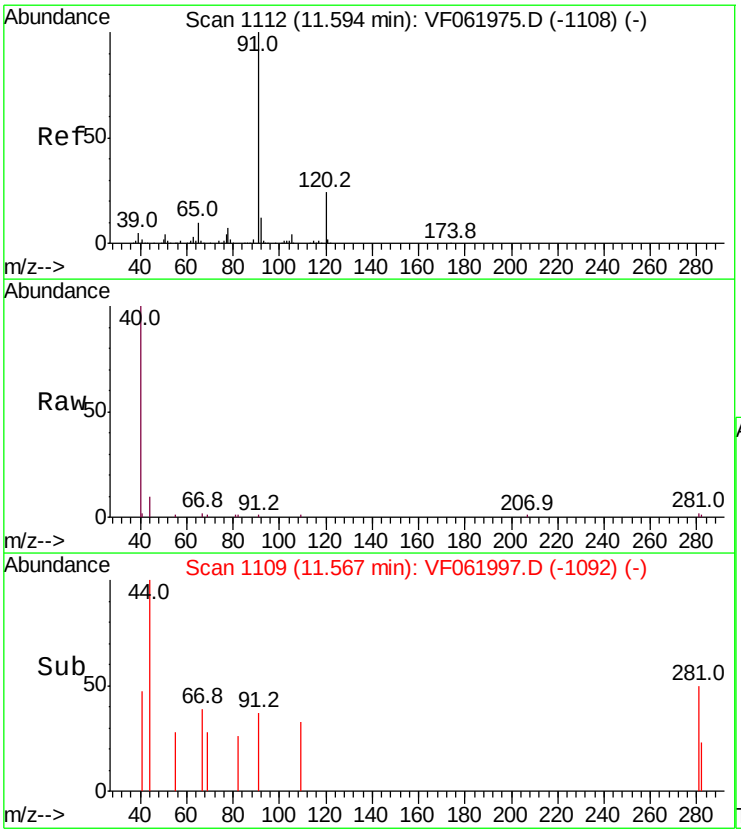
#75
1,1,2,2-Tetrachloroethane
Concen: 283.958 ug/l
RT: 11.68 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 83 Resp: 204

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	0.0	35.3	105.9#

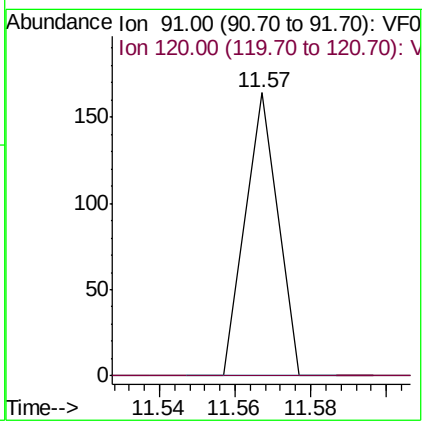


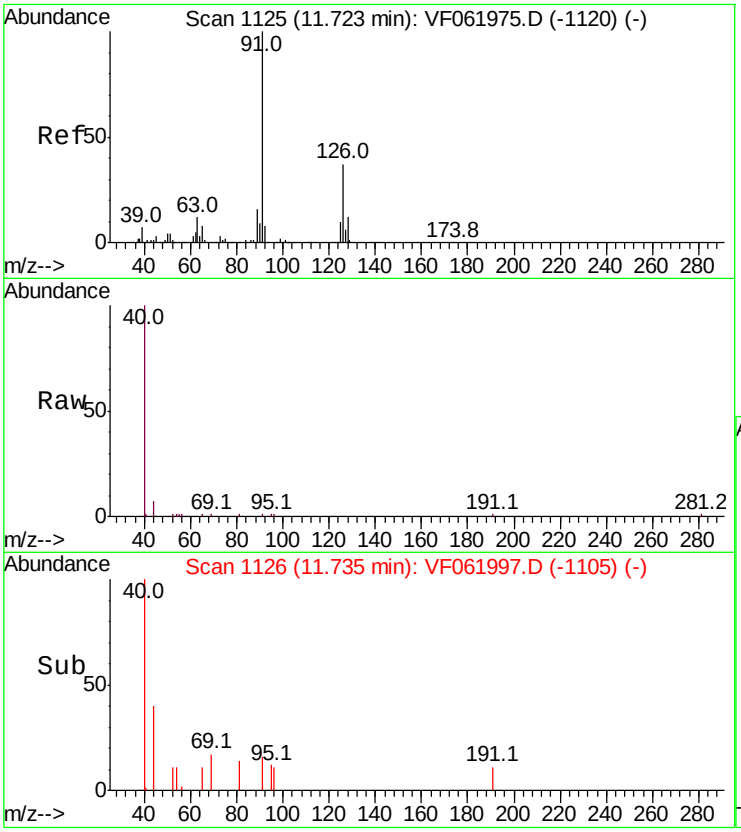


#78
n-propylbenzene
Concen: 19.382 ug/l
RT: 11.57 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 91 Resp: 97

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.8	35.3#



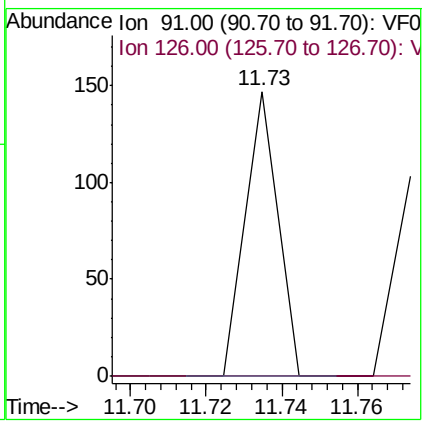


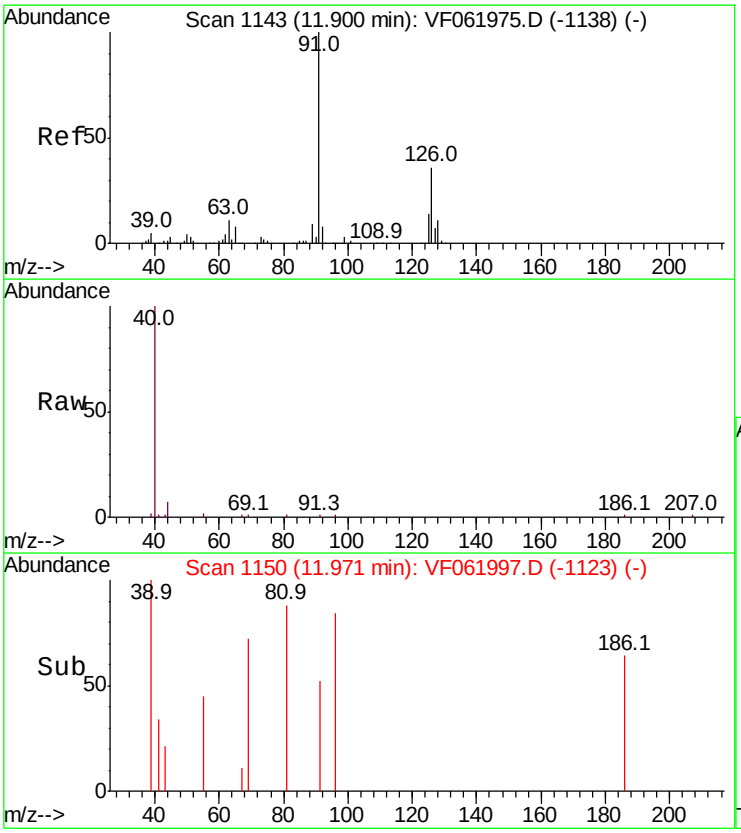
#79
2-Chlorotoluene
Concen: 30.798 ug/l
RT: 11.73 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 91 Resp: 87

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.4	55.2#

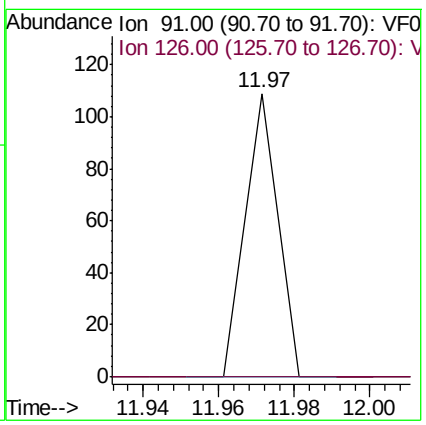


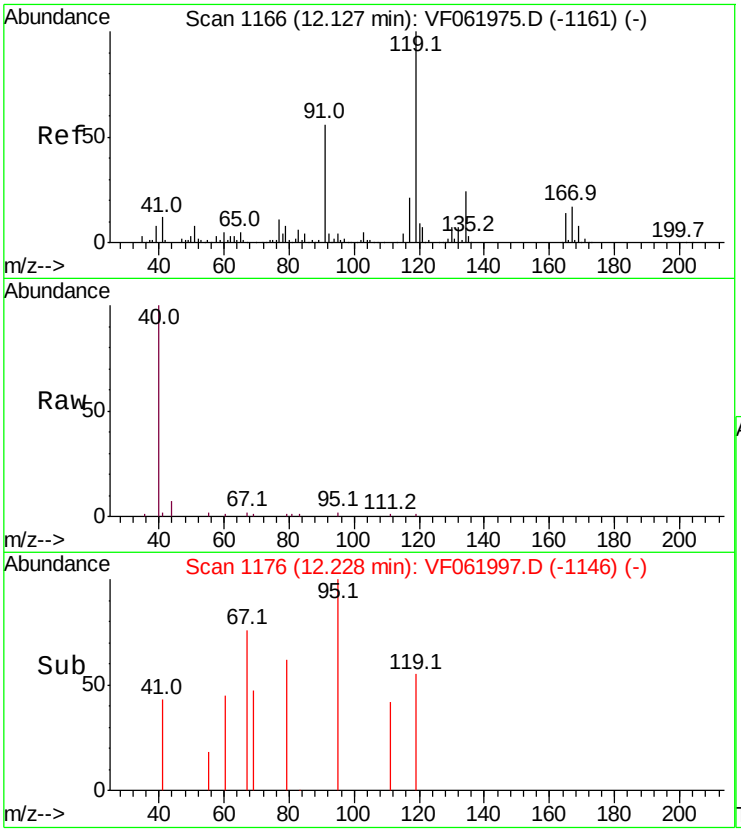


#82
4-Chlorotoluene
Concen: 22.404 ug/l
RT: 11.97 min Scan# 1150
Delta R.T. 0.07 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.1#



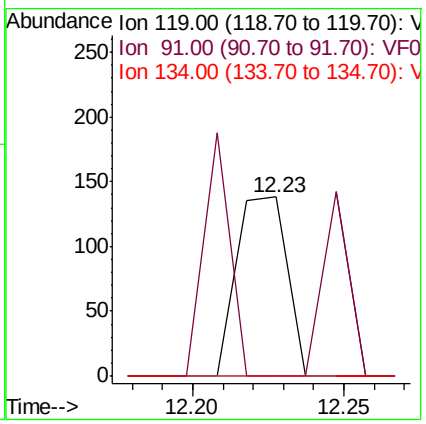


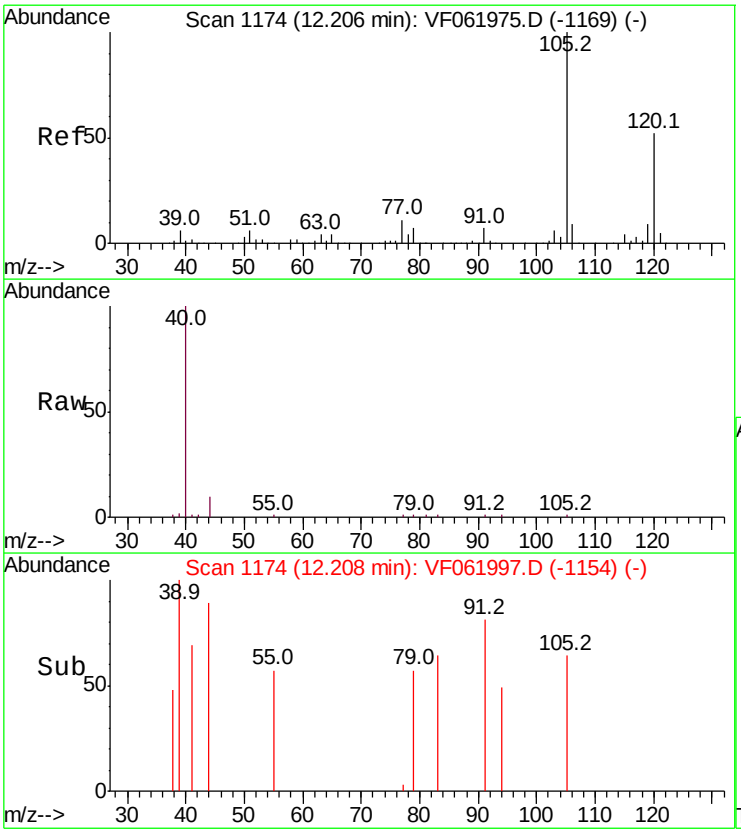
#83
tert-Butylbenzene
Concen: 44.059 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. 0.10 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion:119 Resp: 162

Ion	Ratio	Lower	Upper
119	100		
91	0.0	27.9	83.6#
134	0.0	12.3	36.8#

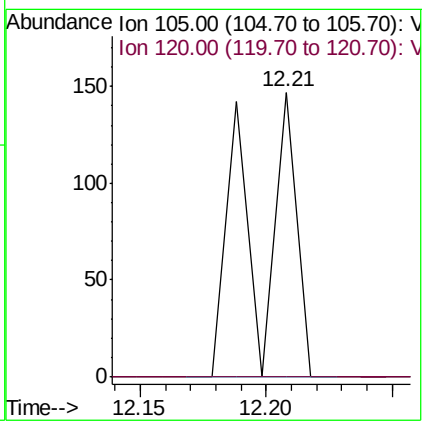


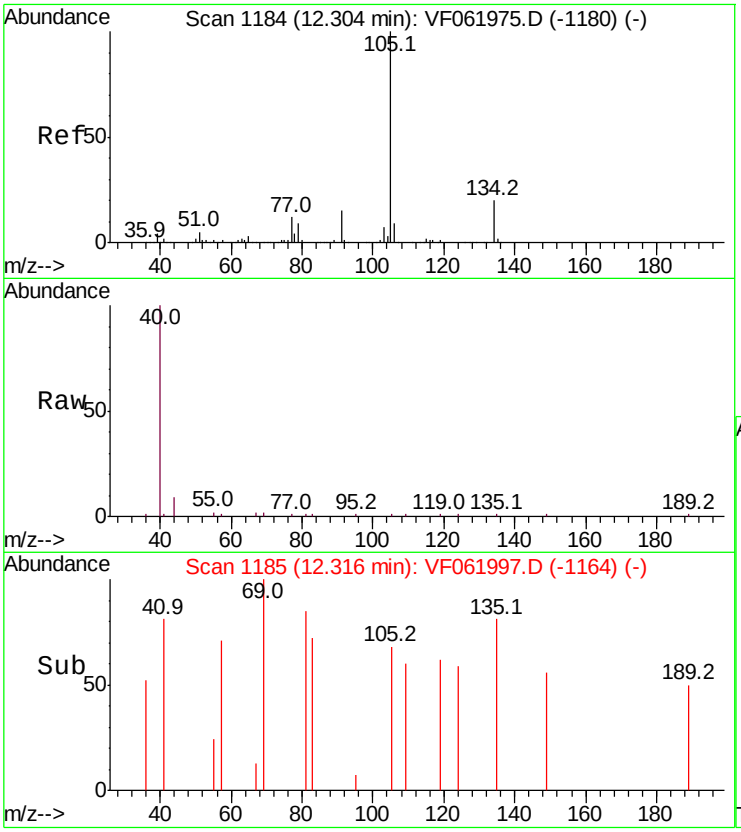


#84
1,2,4-Trimethylbenzene
Concen: 48.558 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion:105 Resp: 171

Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.9	77.8#



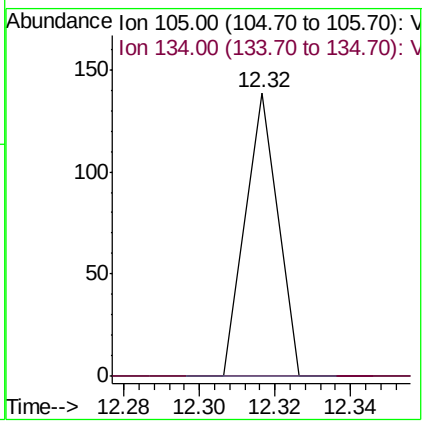


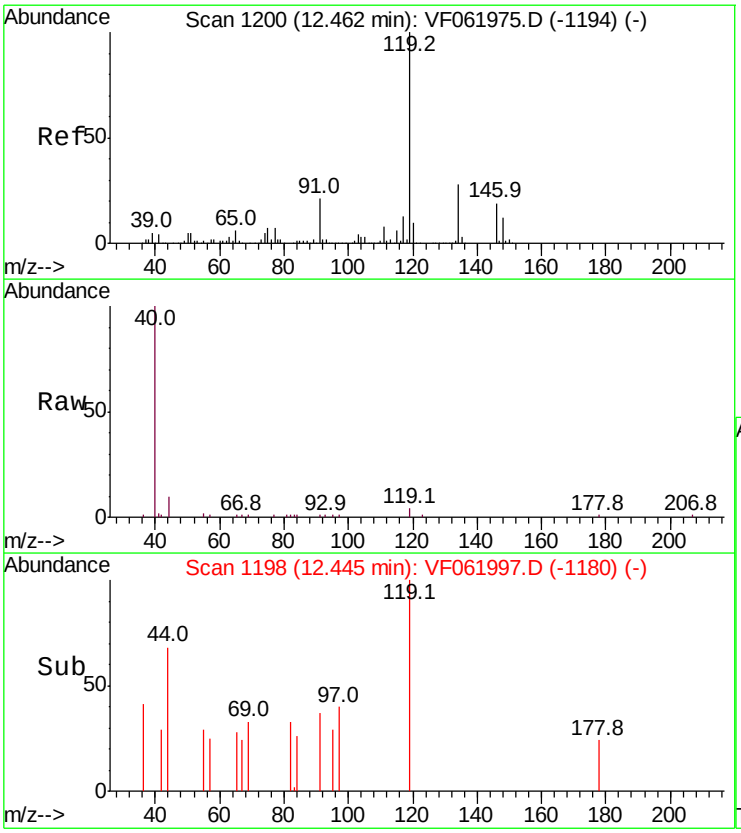
#85
sec-Butylbenzene
Concen: 16.506 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion:105 Resp: 82

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.0	29.8#

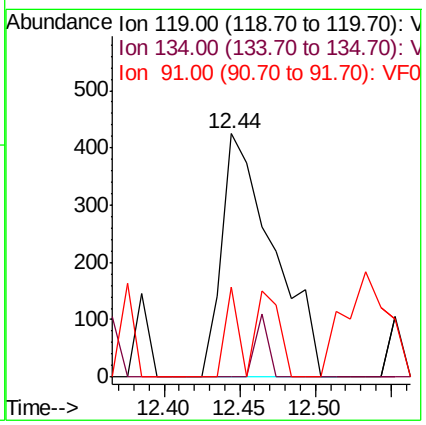


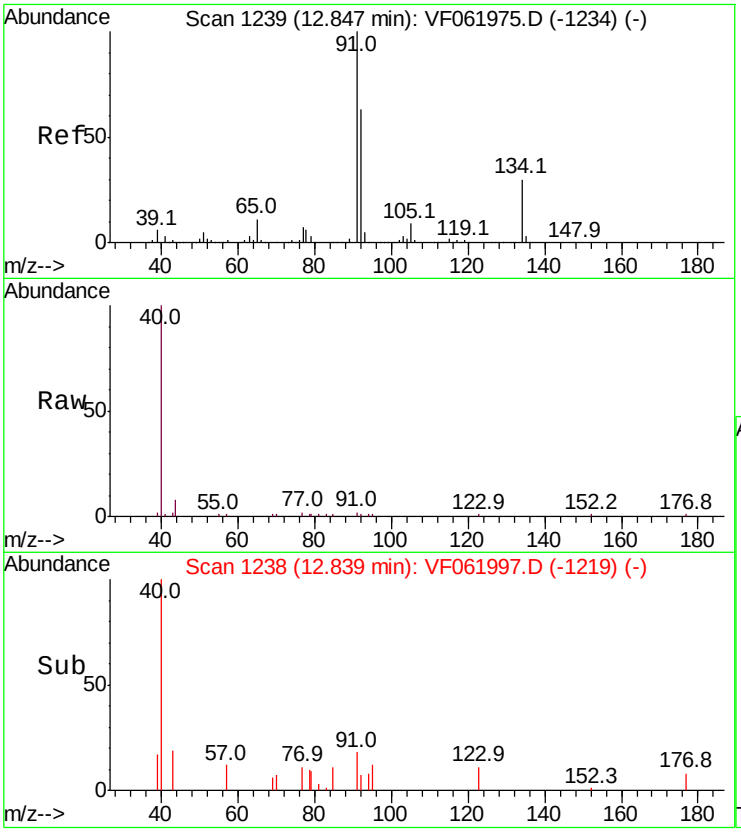


#86
p-Isopropyltoluene
Concen: 244.131 ug/l
RT: 12.44 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion:119 Resp: 1012

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.9	41.7#
91	36.9	10.4	31.1#



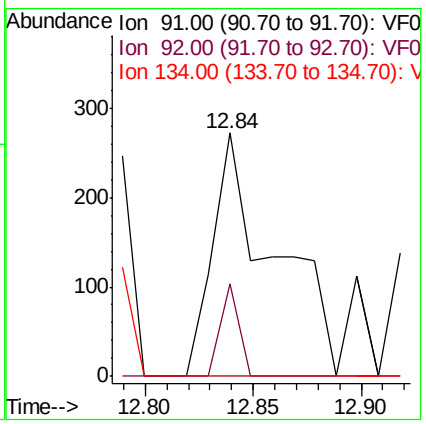


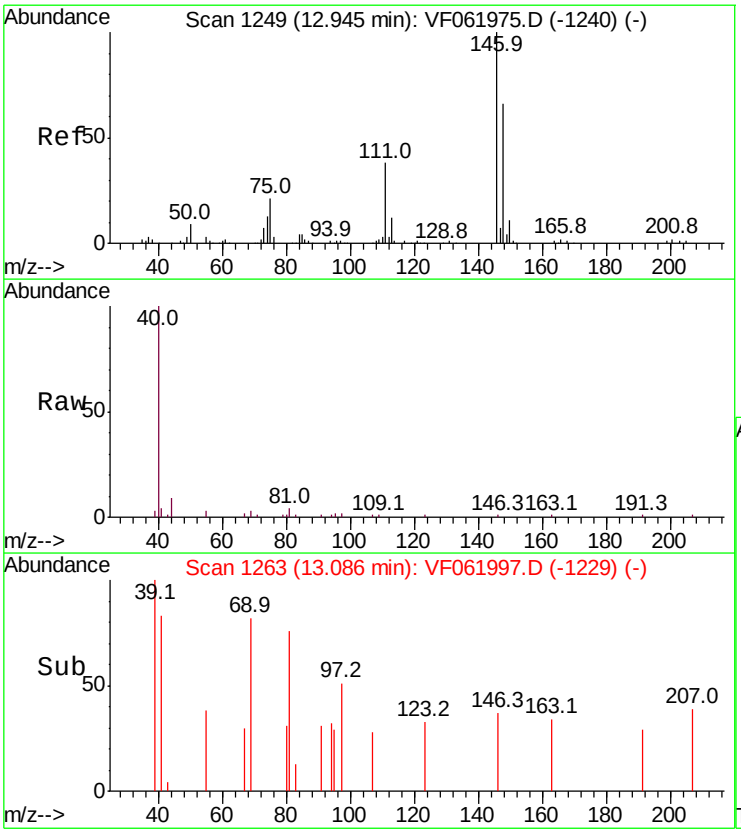
#89
n-Butylbenzene
Concen: 138.118 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument : MSVOA_F
ClientSampleId : S-3RE

Tgt Ion: 91 Resp: 538

Ion	Ratio	Lower	Upper
91	100		
92	38.2	31.7	95.1
134	0.0	15.1	45.3#

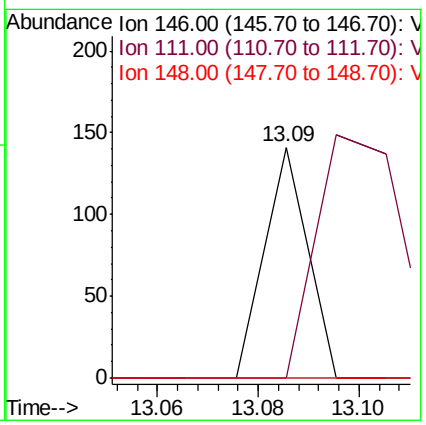


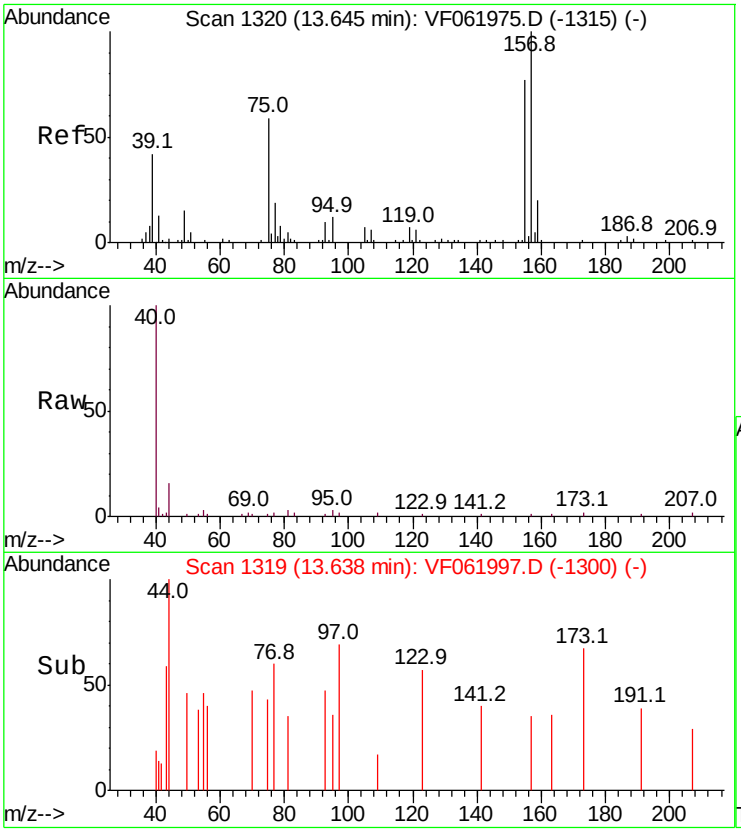


#91
1,2-Dichlorobenzene
Concen: 45.237 ug/l
RT: 13.09 min Scan# 1263
Delta R.T. 0.14 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion:146 Resp: 83

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.5#
148	0.0	32.9	98.6#



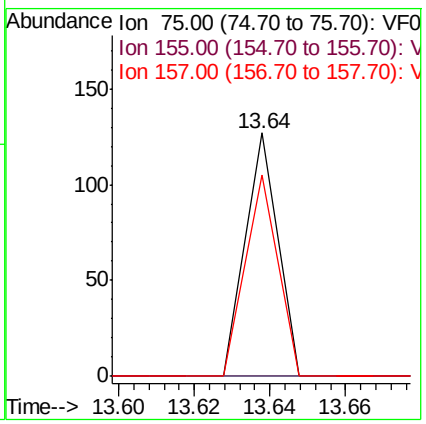


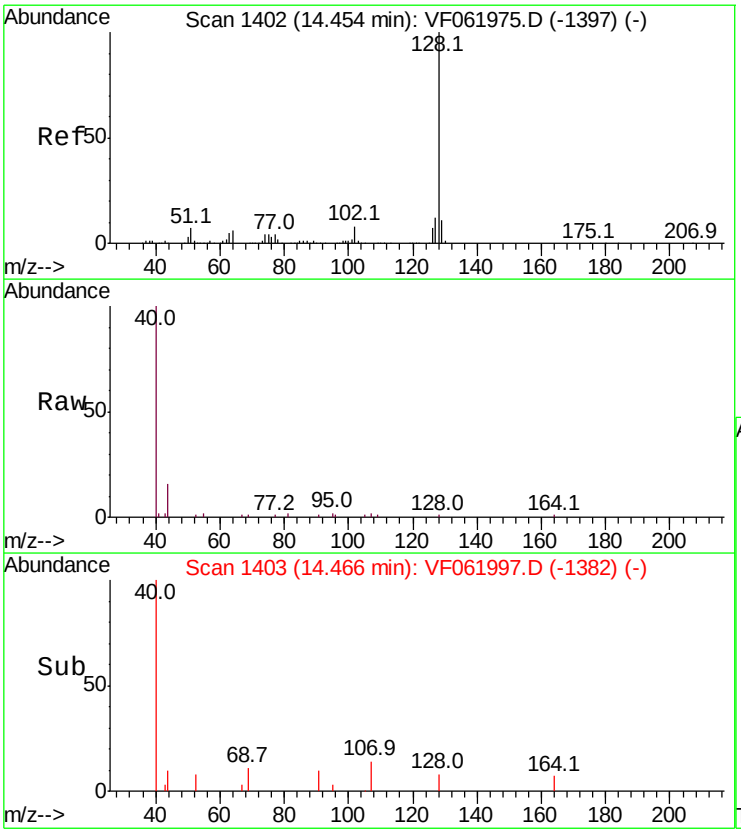
#92
1,2-Dibromo-3-Chloropropane
Concen: 650.558 ug/l
RT: 13.64 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Instrument :
MSVOA_F
ClientSampleId :
S-3RE

Tgt Ion: 75 Resp: 75

Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.0	195.1#
157	82.7	84.7	254.0#





#95
Naphthalene
Concen: 27.416 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.01 min
Lab File: VF061997.D
Acq: 18 Mar 2019 15:05

Tgt Ion:128 Resp: 63

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.3	13.9#
129	0.0	9.1	13.7#