Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061093.D
Acq On : 19 Dec 2018 19:05
Operator : VA/AP
Sample : J6464-04
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VB16202

Quant Time: Dec 20 02:24:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	6900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	9763	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.78	117	5625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	1129	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	1085	12.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 24.46%			
35) Dibromofluoromethane	4.10	113	2188	27.98	ug/l	-0.01
Spiked Amount 50.000			Recovery = 55.96%			
50) Toluene-d8	7.56	98	6106	27.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 55.10%			
62) 4-Bromofluorobenzene	11.41	95	1590	15.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 31.12%			
Target Compounds						Qvalue
3) Chloromethane	1.13	50	249	2.834	ug/l #	42
4) Vinyl Chloride	1.18	62	94	1.153	ug/l #	37
5) Bromomethane	1.33	94	231	4.086	ug/l #	3
6) Chloroethane	1.49	64	220	5.858	ug/l #	41
8) Diethyl Ether	1.46	74	105	4.927	ug/l	67
11) Tert butyl alcohol	2.51	59	111	30.995	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	299	4.916	ug/l #	1
13) Acrolein	1.99	56	367	141.819	ug/l	90
14) Allyl chloride	2.09	41	347	5.482	ug/l #	67
15) Acrylonitrile	2.95	53	546	65.932	ug/l #	37
16) Acetone	2.25	43	560	31.565	ug/l	98
18) Methyl Acetate	2.35	43	457	12.451	ug/l #	66
19) Methyl tert-butyl Ether	2.44	73	156	1.155	ug/l #	59
20) Methylene Chloride	2.32	84	71	Below Cal	#	1
22) Diisopropyl ether	2.78	45	363	1.722	ug/l #	1
23) Vinyl Acetate	3.20	43	258	2.653	ug/l #	78
25) 2-Butanone	4.37	43	174	6.047	ug/l #	57
27) cis-1,2-Dichloroethene	3.43	96	139	1.396	ug/l	1
29) Tetrahydrofuran	4.06	42	98	8.368	ug/l #	37
31) Cyclohexane	3.70	56	149	1.149	ug/l #	13
37) Ethyl Acetate	4.12	43	166	2.971	ug/l #	21
41) Methacrylonitrile	4.78	41	244	9.804	ug/l #	27
43) Isopropyl Acetate	6.97	43	249	4.376	ug/l #	45
45) 1,2-Dichloropropane	6.29	63	137	1.987	ug/l #	44
48) Methyl methacrylate	6.73	41	65	1.636	ug/l #	9
51) 4-Methyl-2-Pentanone	8.27	43	112	2.870	ug/l #	38
52) Toluene	7.62	92	252	1.502	ug/l	87
55) 1,1,2-Trichloroethane	8.55	97	67	1.332	ug/l #	12
56) Ethyl methacrylate	8.60	69	69	1.268	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.35	63	79	7.559	ug/l #	50
59) 2-Hexanone	9.54	43	172	6.095	ug/l #	27
61) 1,2-Dibromoethane	9.01	107	60	1.117	ug/l #	4
74) N-amyl acetate	11.35	43	308	14.259	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.82	83	63	3.902	ug/l #	23

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
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Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VB16202

Quant Time: Dec 20 02:24:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.81	75	62	5.159 ug/l #	39
79) 2-Chlorotoluene	11.66	91	137	2.053 ug/l #	42
81) trans-1,4-Dichloro-2-buten	11.81	75	62	12.007 ug/l #	11
87) 1,3-Dichlorobenzene	12.57	146	63	Below Cal #	25
88) 1,4-Dichlorobenzene	12.57	146	63	1.638 ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	13.71	75	70	23.624 ug/l #	2

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
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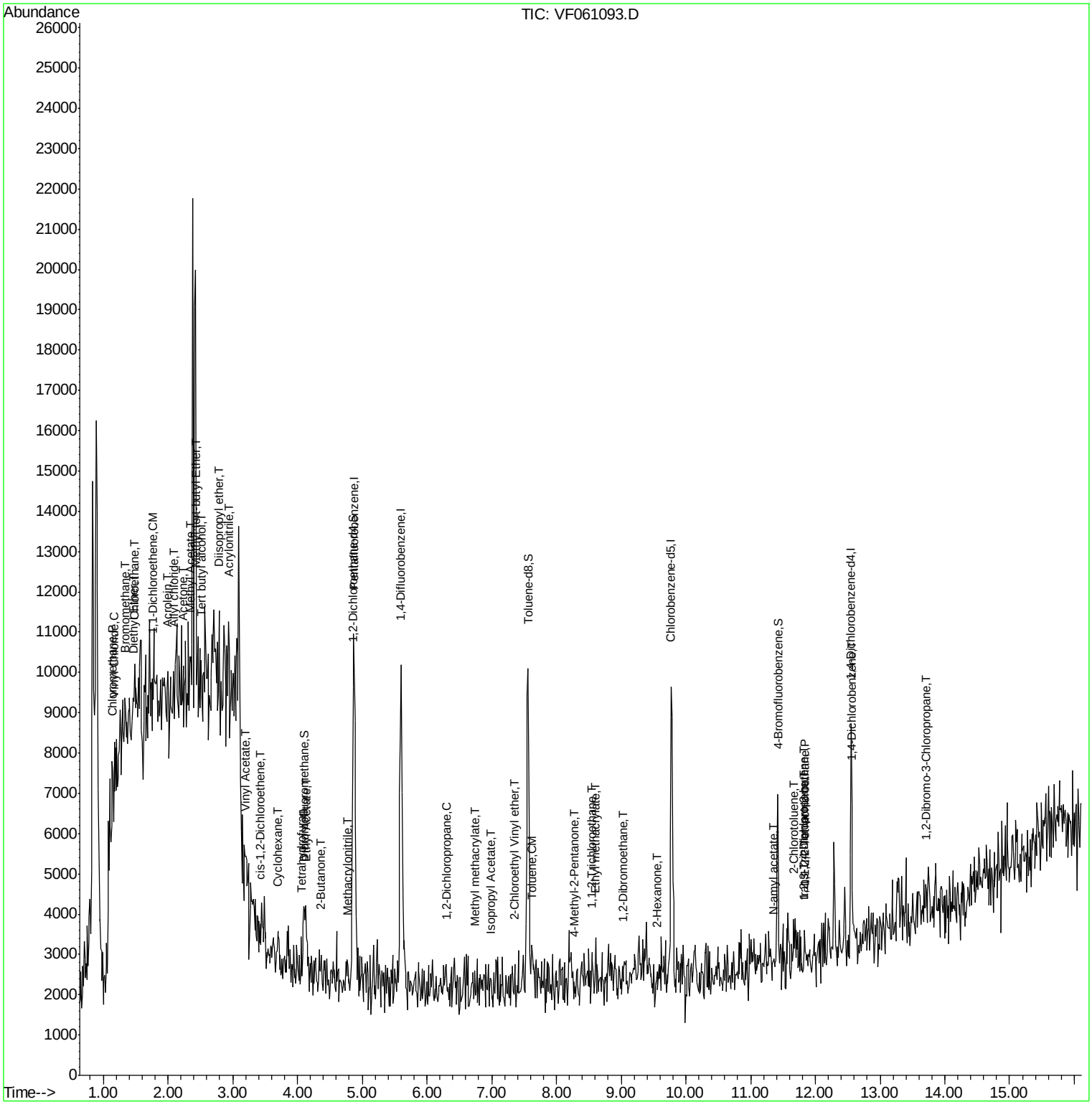
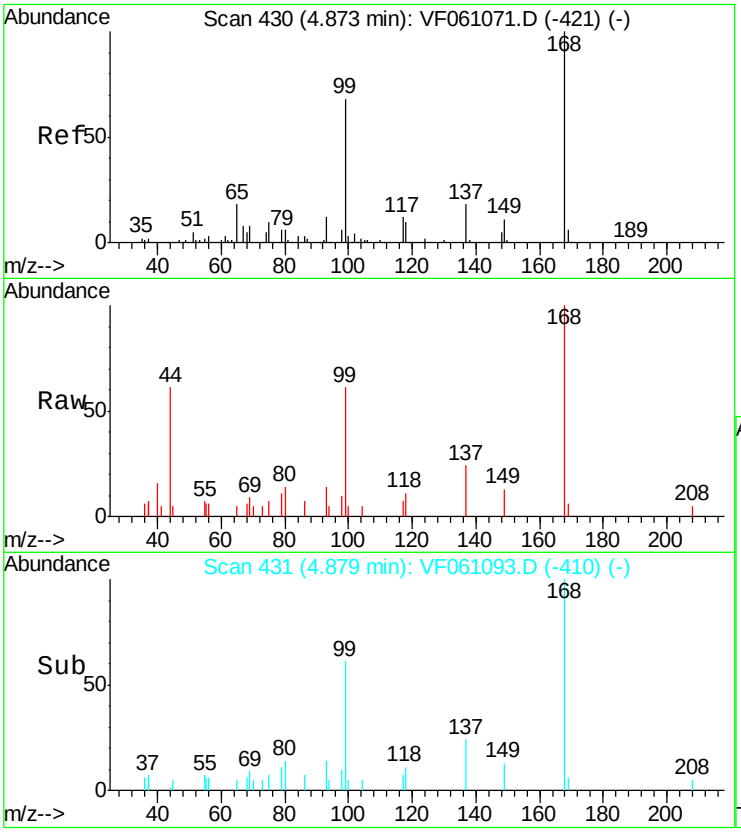


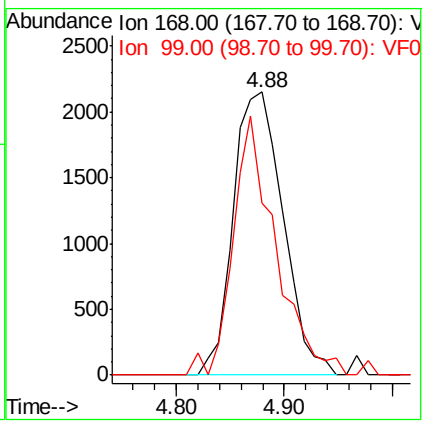


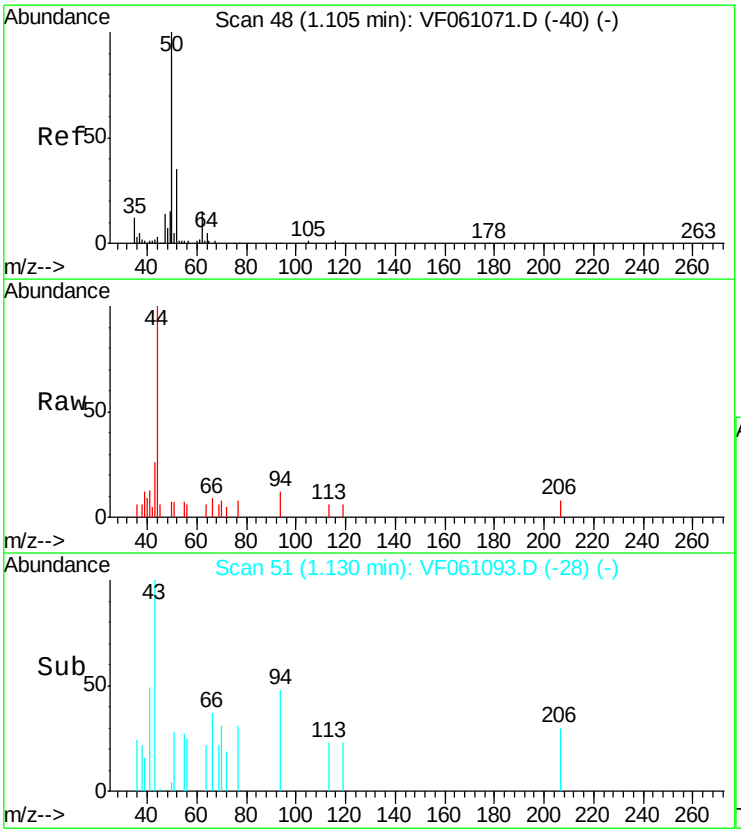
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument :
MSVOA_F
ClientSampleId :
VB16202

Tgt Ion:168 Resp: 6900

Ion	Ratio	Lower	Upper
168	100		
99	60.9	54.4	81.6

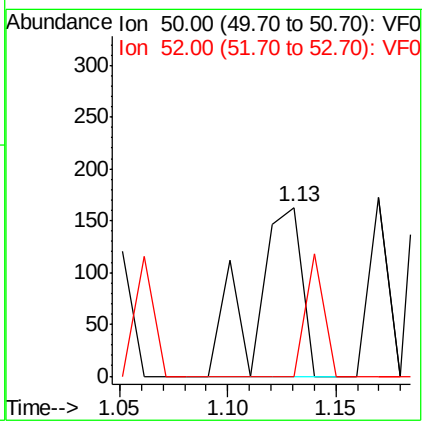


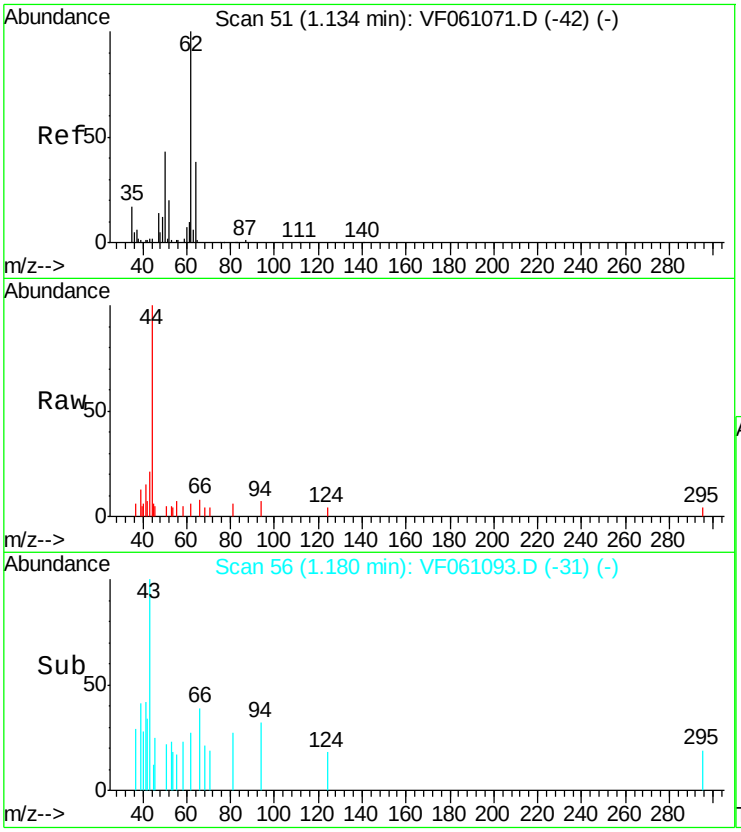


#3
Chloromethane
Concen: 2.834 ug/l
RT: 1.13 min Scan# 51
Delta R.T. 0.03 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 50 Resp: 249

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



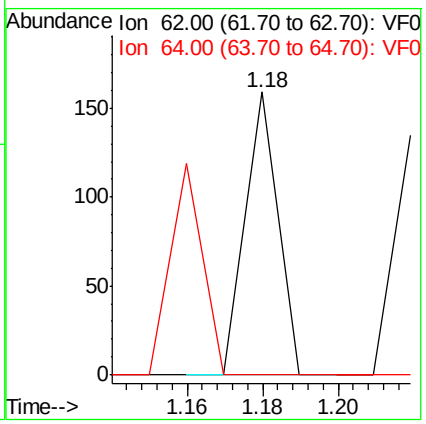


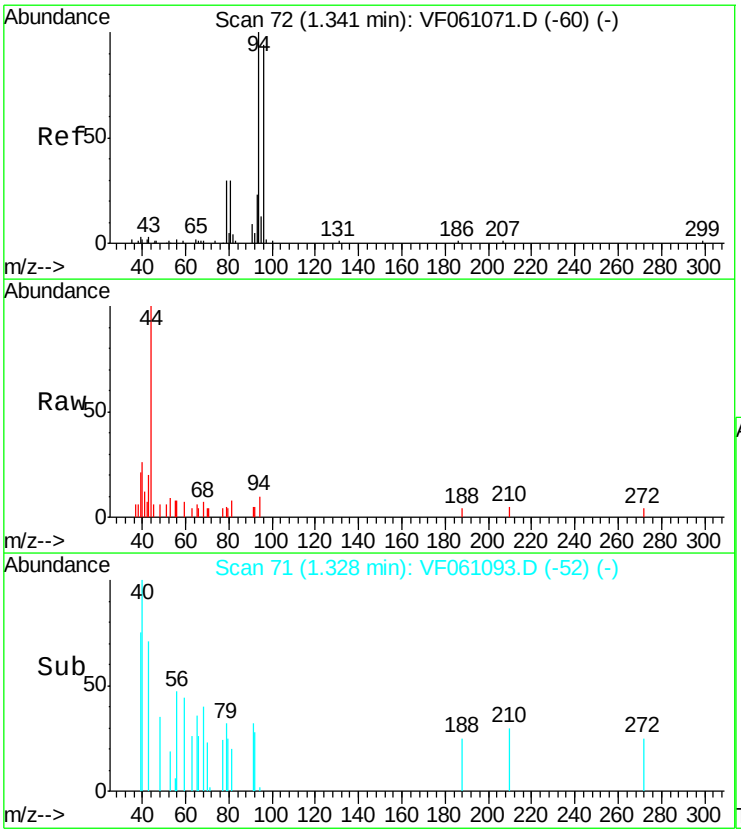
#4
Vinyl Chloride
Concen: 1.153 ug/l
RT: 1.18 min Scan# 56
Delta R.T. 0.05 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 62 Resp: 94

Ion	Ratio	Lower	Upper
62	100		
64	0.0	30.4	45.6#

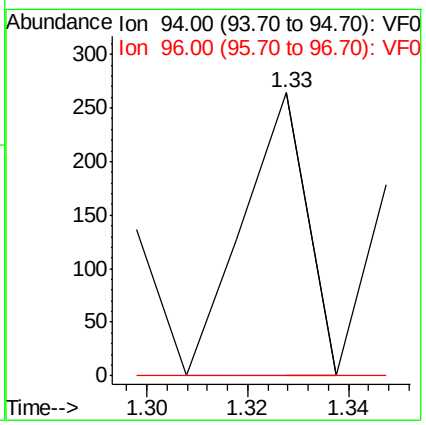


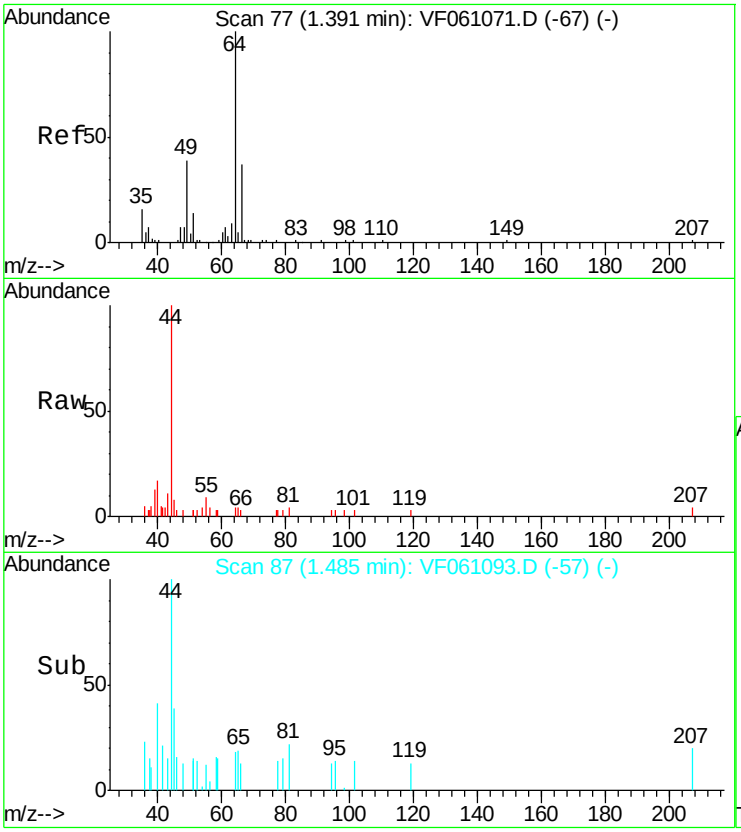


#5
Bromomethane
Concen: 4.086 ug/l
RT: 1.33 min Scan# 71
Delta R.T. -0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 94 Resp: 231

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.4	111.6#



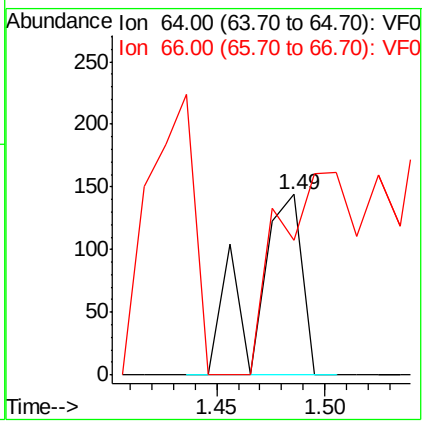


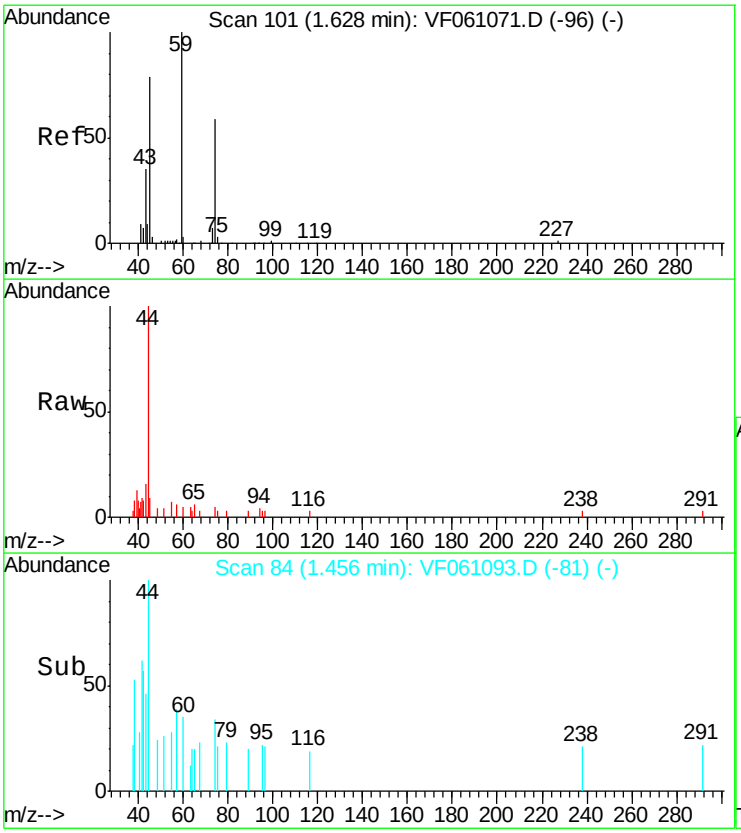
#6
Chloroethane
Concen: 5.858 ug/l
RT: 1.49 min Scan# 87
Delta R.T. 0.09 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 64 Resp: 220

Ion	Ratio	Lower	Upper
64	100		
66	74.3	30.9	46.3#

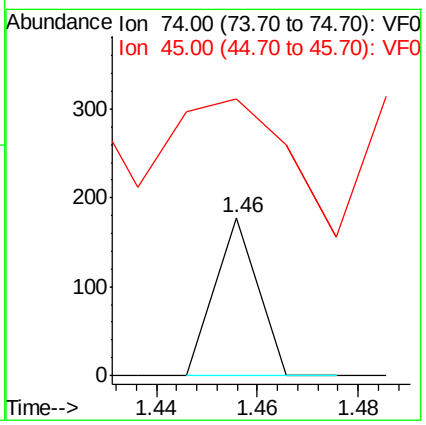


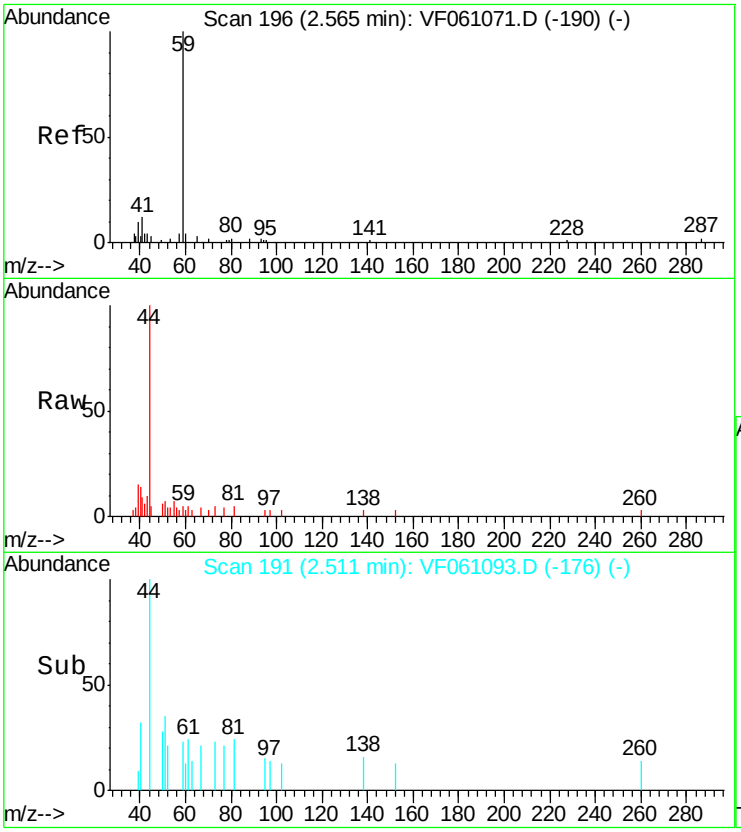


#8
Diethyl Ether
Concen: 4.927 ug/l
RT: 1.46 min Scan# 84
Delta R.T. -0.17 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 74 Resp: 105

Ion	Ratio	Lower	Upper
74	100		
45	174.7	67.8	203.4



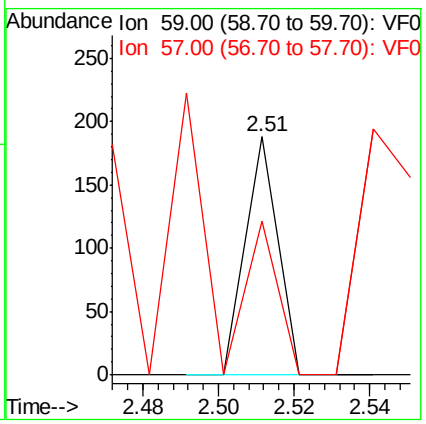


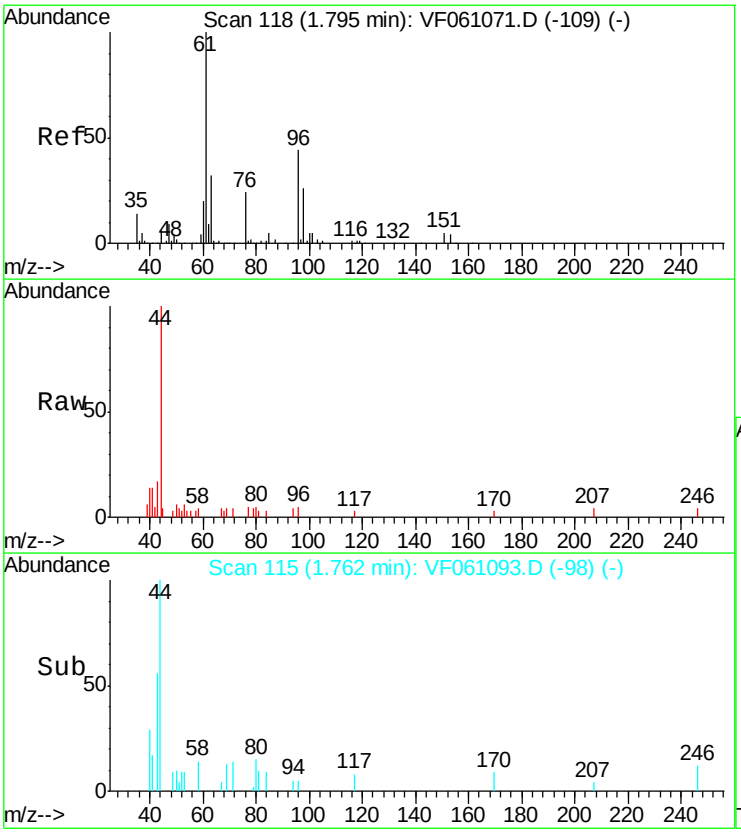
#11
Tert butyl alcohol
Concen: 30.995 ug/l
RT: 2.51 min Scan# 191
Delta R.T. -0.05 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 59 Resp: 111

Ion	Ratio	Lower	Upper
59	100		
57	64.4	11.5	17.3#

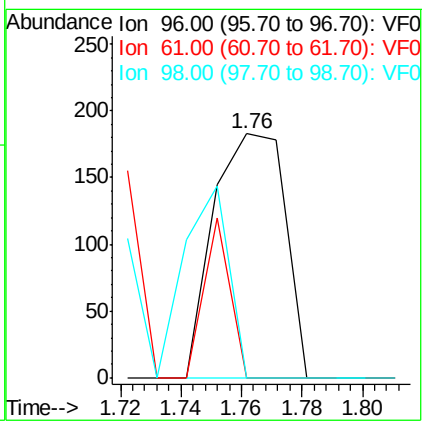


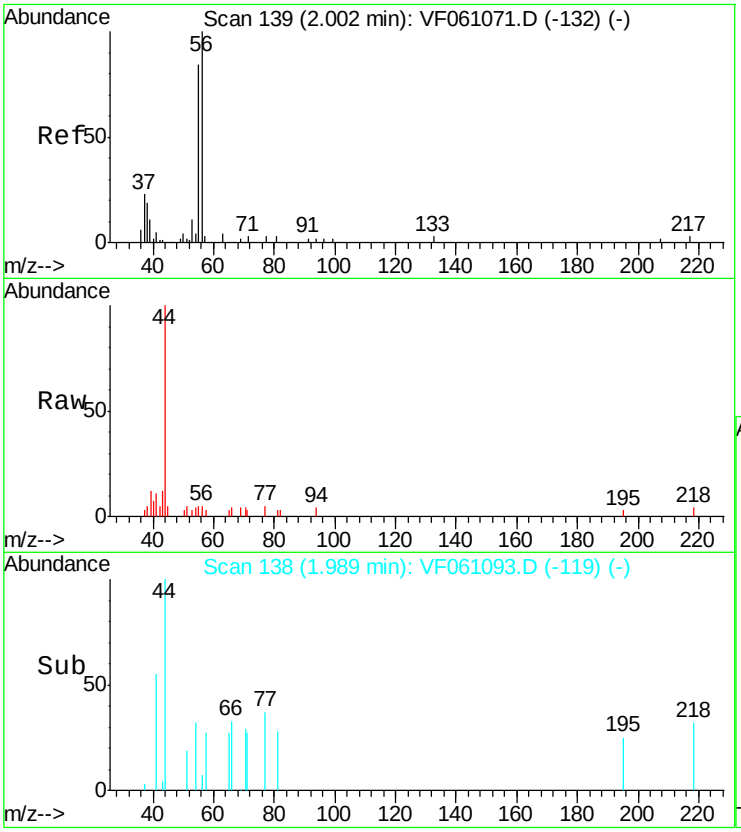


#12
1,1-Dichloroethene
Concen: 4.916 ug/l
RT: 1.76 min Scan# 115
Delta R.T. -0.03 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 96 Resp: 299

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



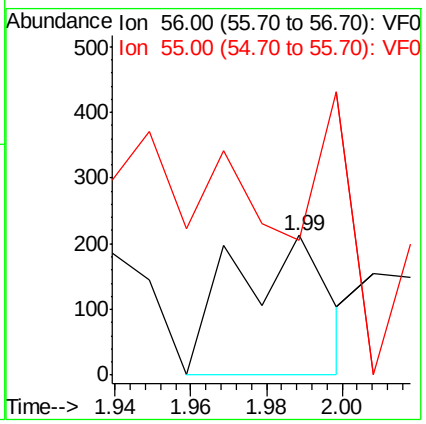


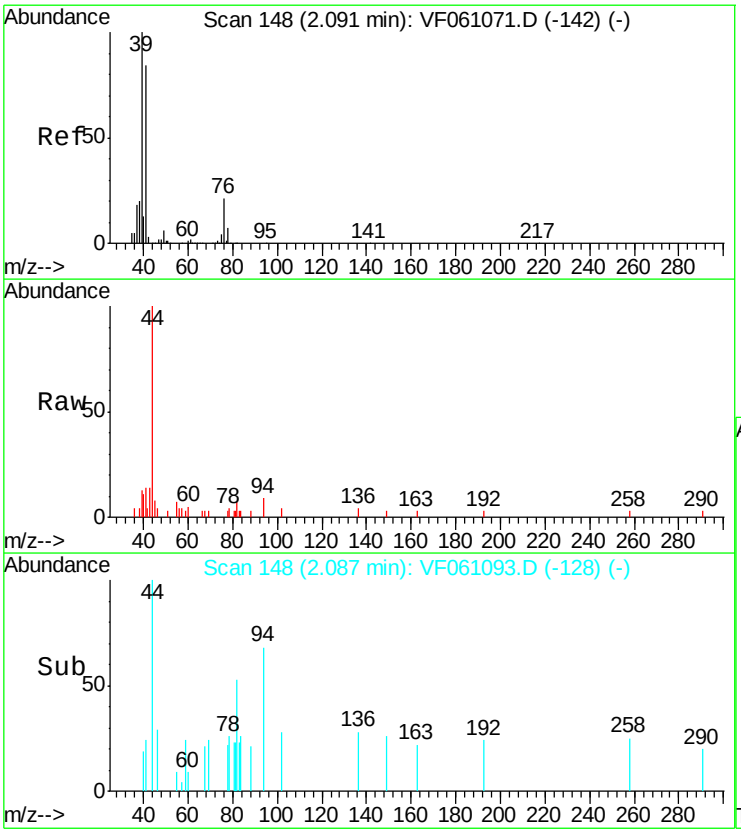
#13
Acrolein
Concen: 141.819 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 56 Resp: 367

Ion	Ratio	Lower	Upper
56	100		
55	96.7	70.2	105.2

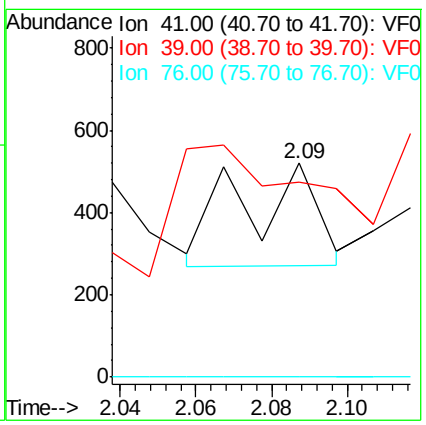


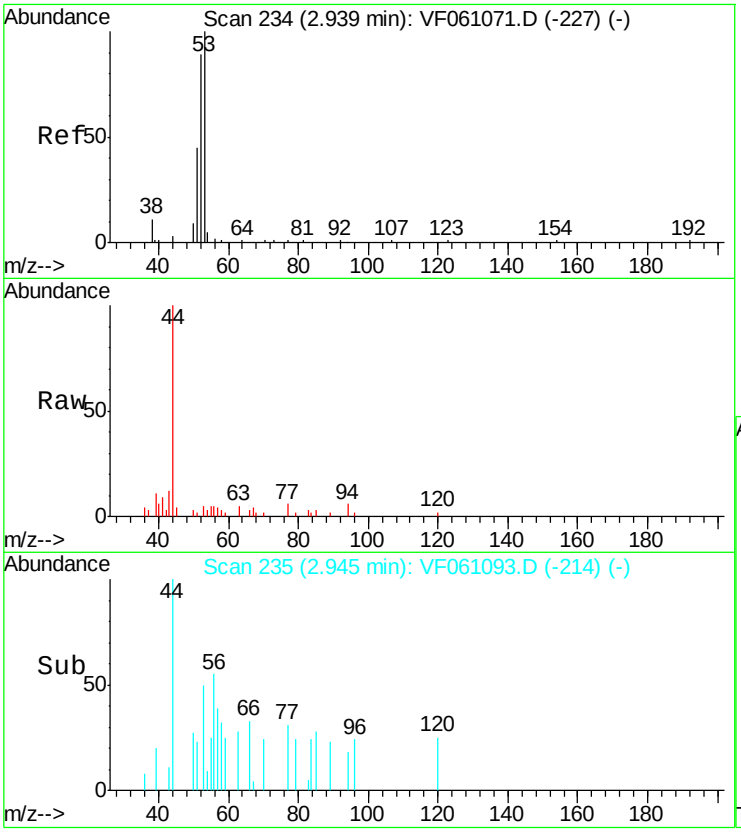


#14
Allyl chloride
Concen: 5.482 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.00 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 41 Resp: 347

Ion	Ratio	Lower	Upper
41	100		
39	91.2	96.4	144.6#
76	0.0	25.4	38.0#



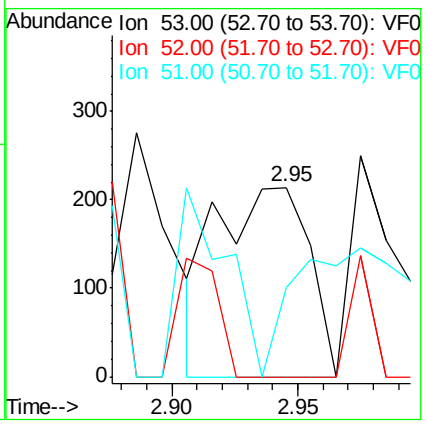


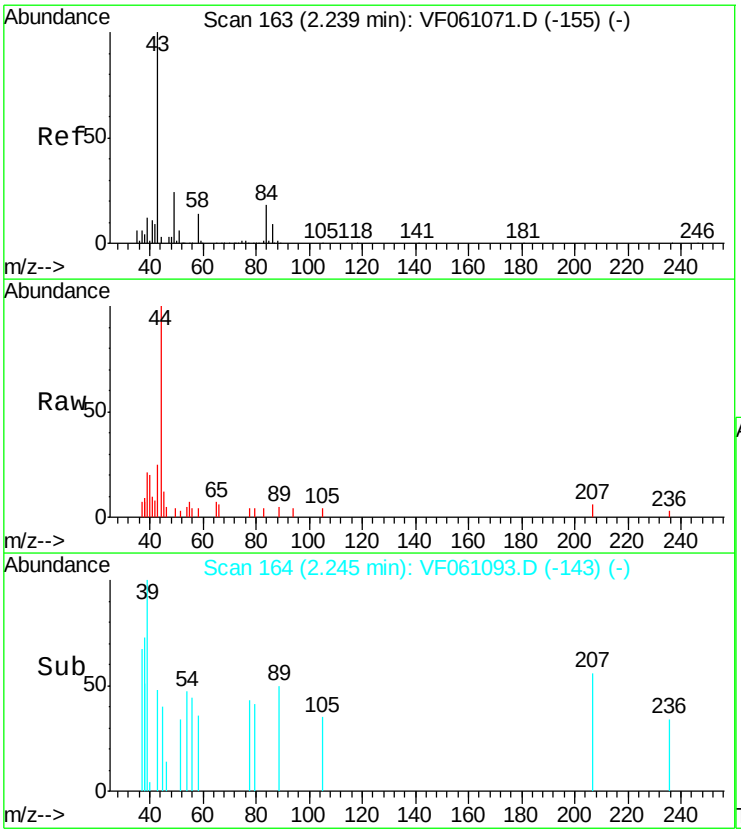
#15
Acrylonitrile
Concen: 65.932 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument :
MSVOA_F
ClientSampleId :
VB16202

Tgt Ion: 53 Resp: 546

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	46.7	36.8	55.2

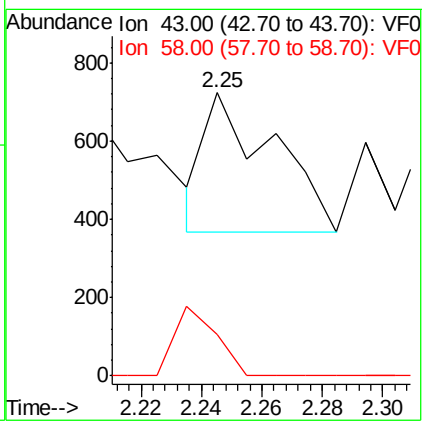


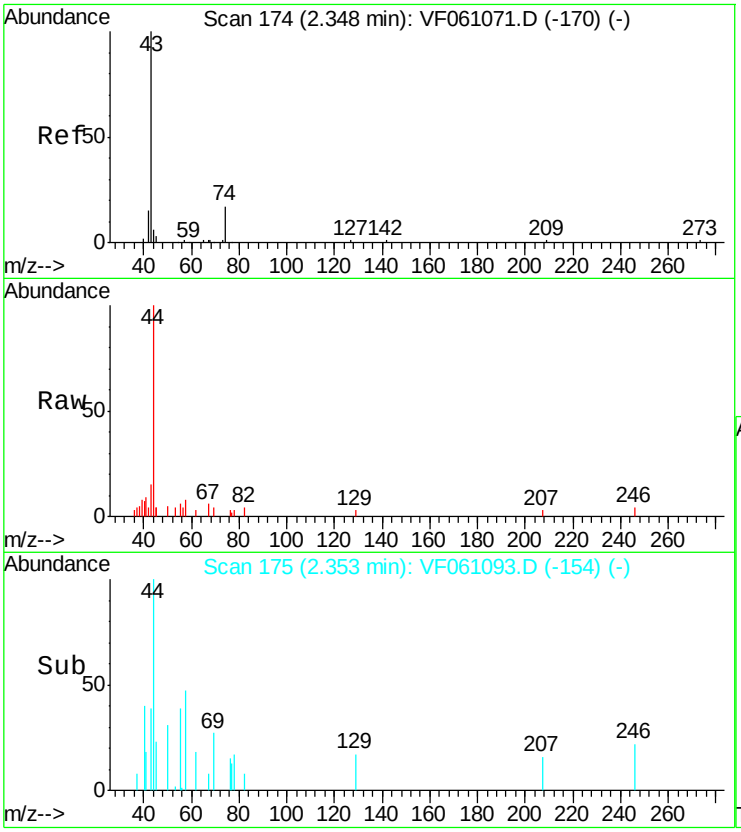


#16
Acetone
Concen: 31.565 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 43 Resp: 560

Ion	Ratio	Lower	Upper
43	100		
58	14.8	11.1	16.7



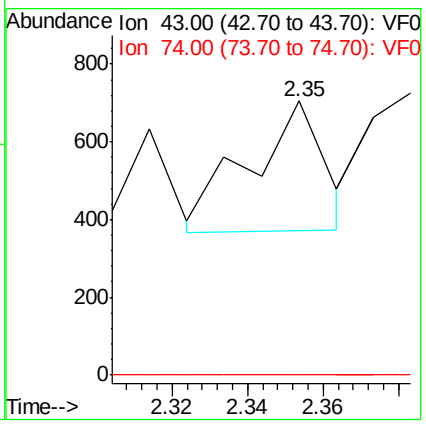


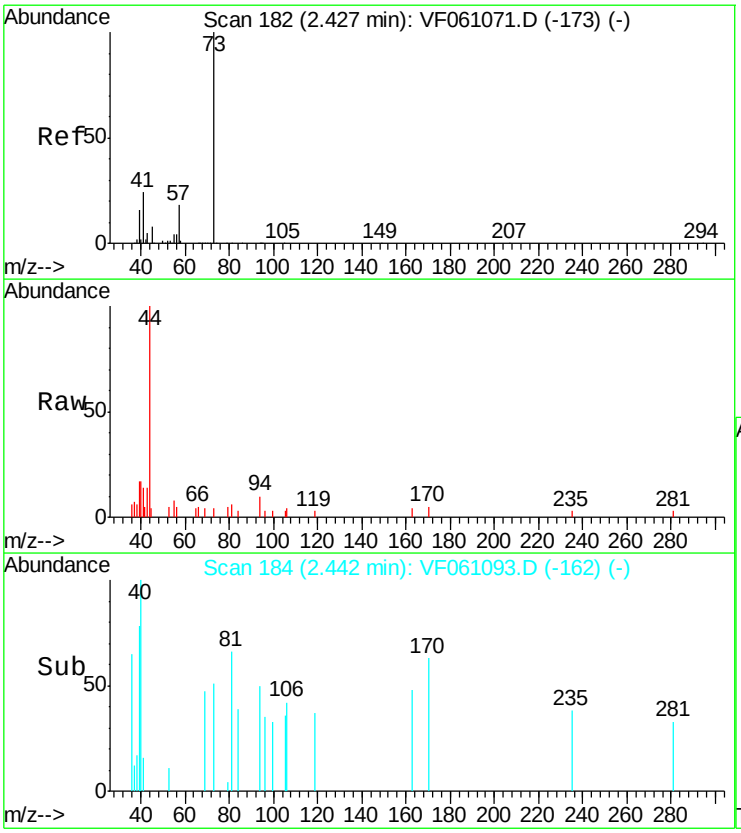
#18
Methyl Acetate
Concen: 12.451 ug/l
RT: 2.35 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 457

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

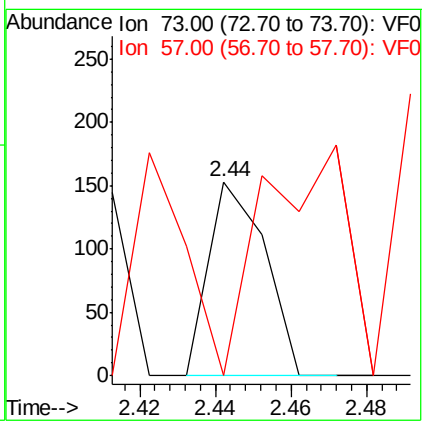


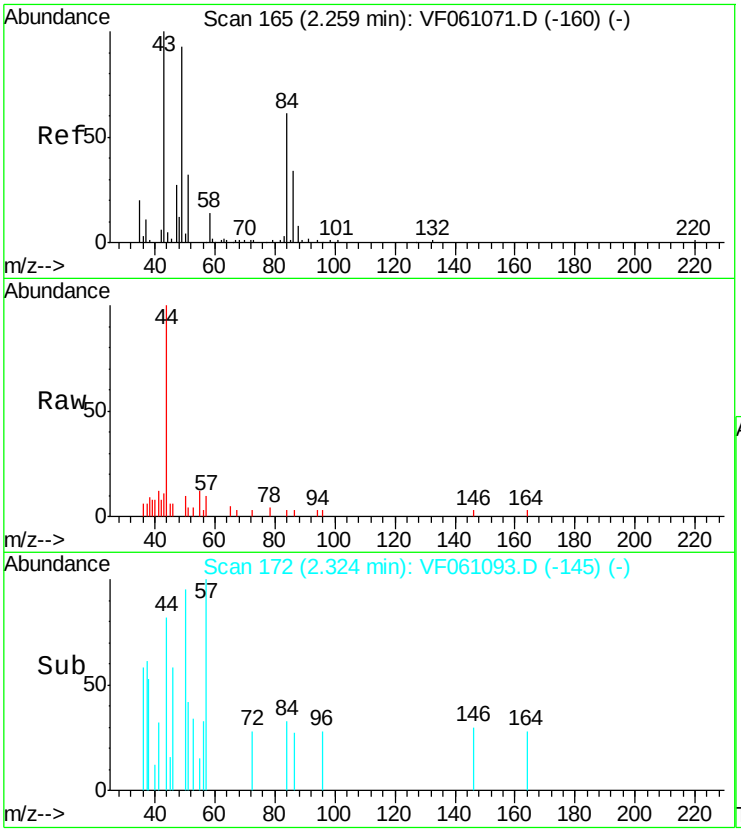


#19
Methyl tert-butyl Ether
Concen: 1.155 ug/l
RT: 2.44 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 73 Resp: 156

Ion	Ratio	Lower	Upper
73	100		
57	0.0	14.5	21.7#



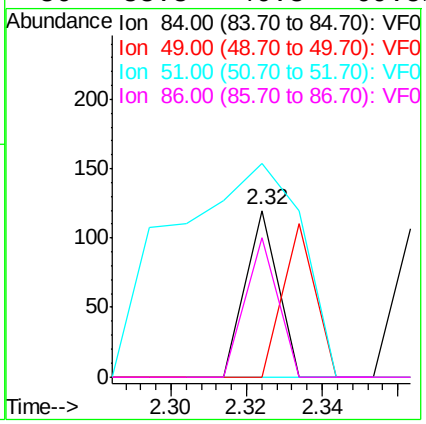


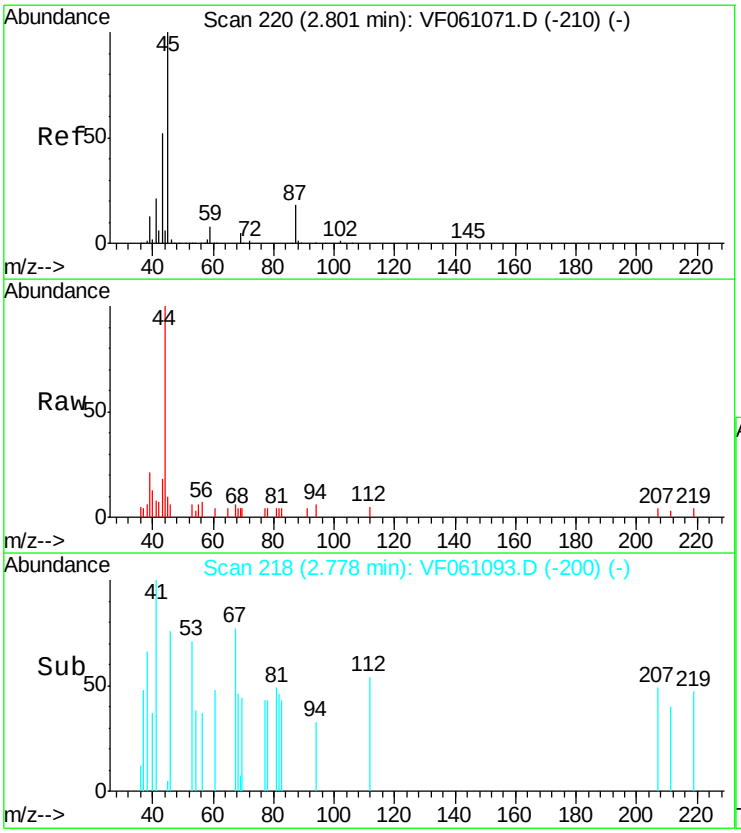
#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 172
Delta R.T. 0.07 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 84 Resp: 71

Ion	Ratio	Lower	Upper
84	100		
49	0.0	129.4	194.2#
51	128.3	44.0	66.0#
86	83.3	46.3	69.5#

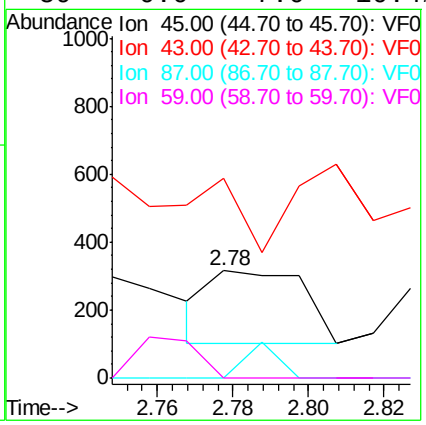


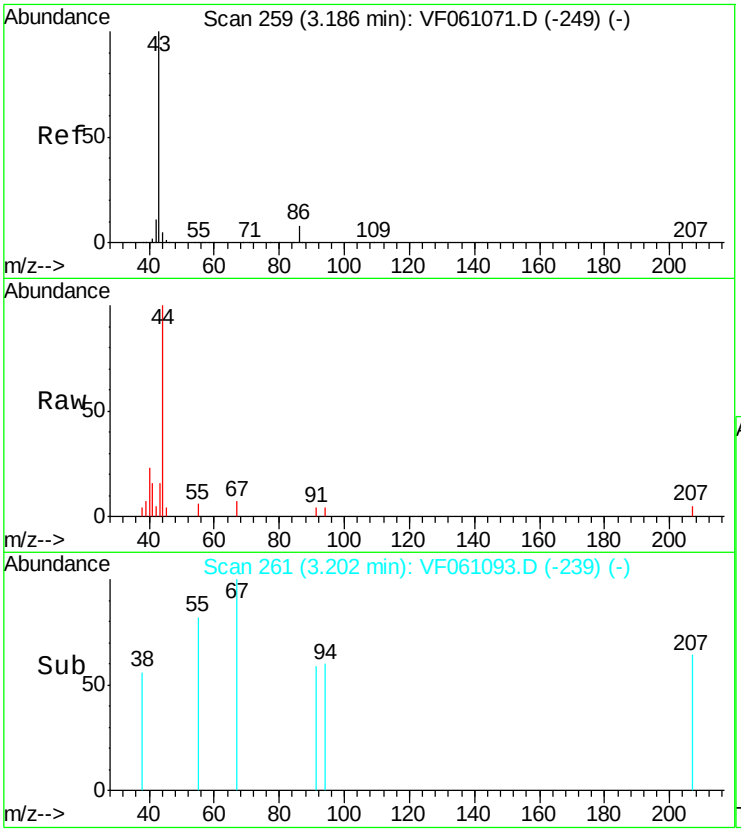


#22
Diisopropyl ether
Concen: 1.722 ug/l
RT: 2.78 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 45 Resp: 363

Ion	Ratio	Lower	Upper
45	100		
43	186.0	42.2	63.2#
87	0.0	14.6	22.0#
59	0.0	7.0	10.4#



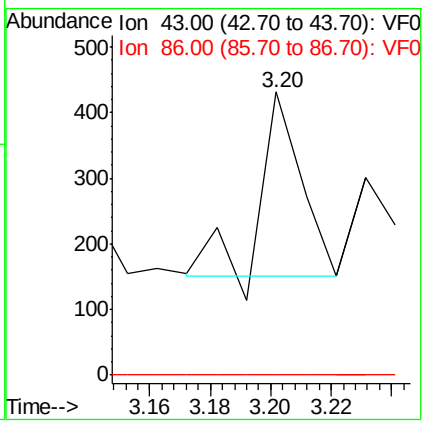


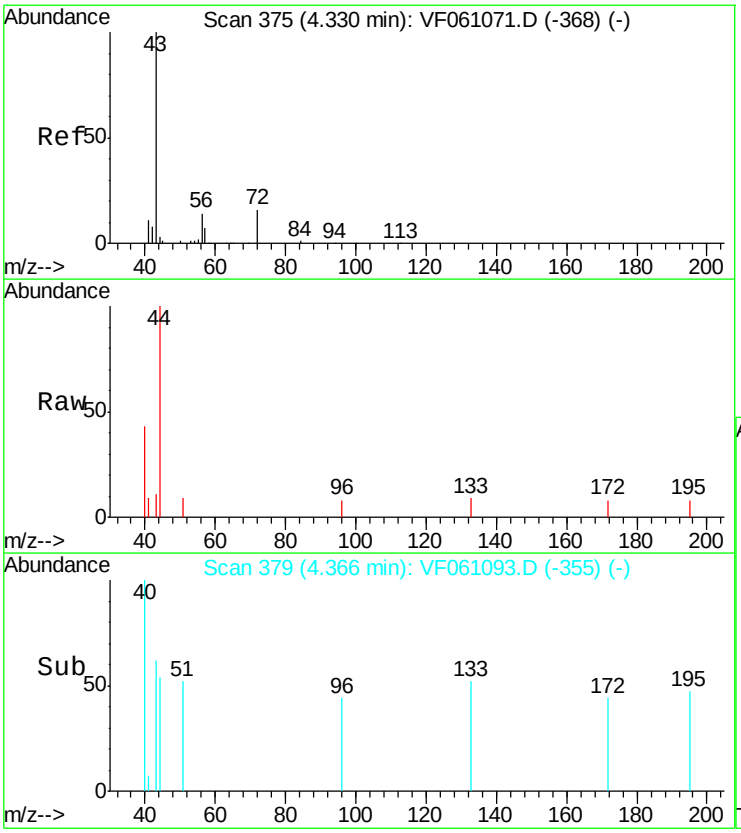
#23
Vinyl Acetate
Concen: 2.653 ug/l
RT: 3.20 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 258

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.3	9.5#

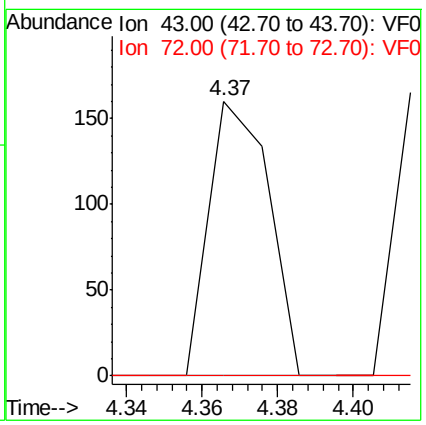


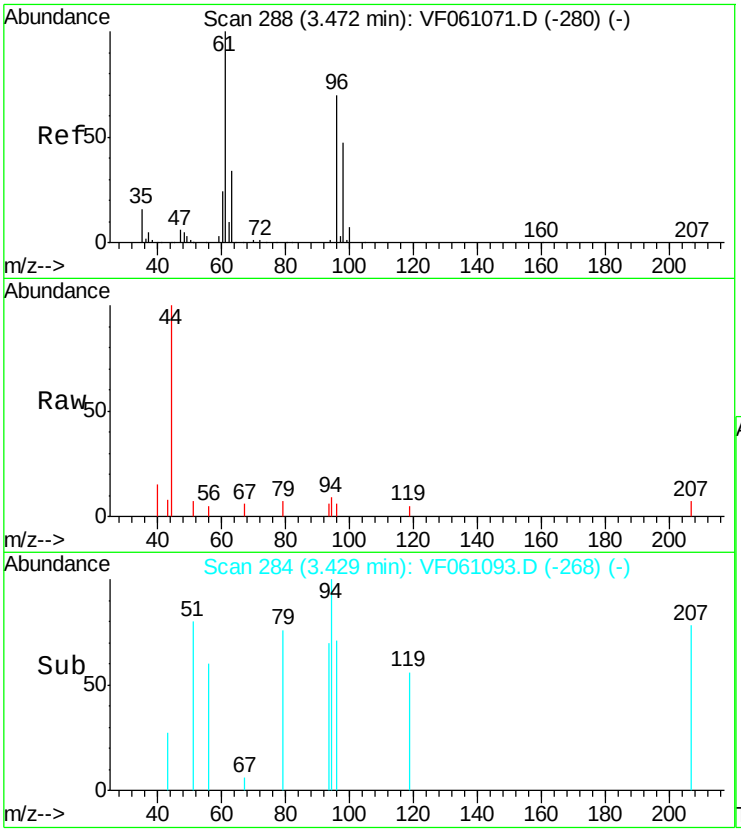


#25
2-Butanone
Concen: 6.047 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.04 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 43 Resp: 174

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#



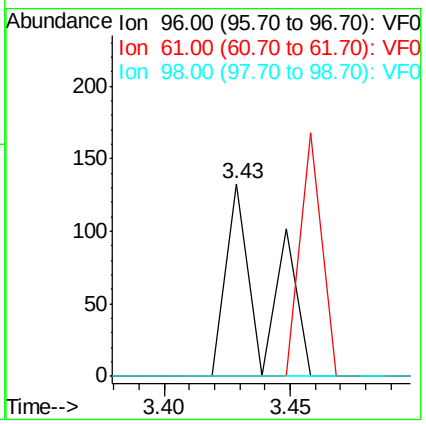


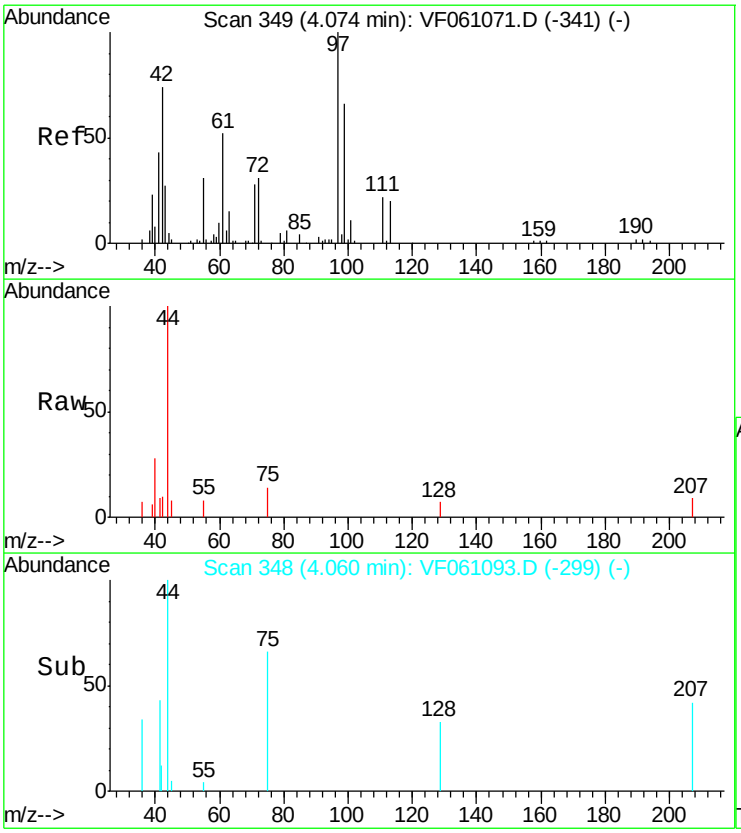
#27
cis-1,2-Dichloroethene
Concen: 1.396 ug/l
RT: 3.43 min Scan# 284
Delta R.T. -0.04 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 96 Resp: 139

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	287.8
98	0.0	0.0	134.2

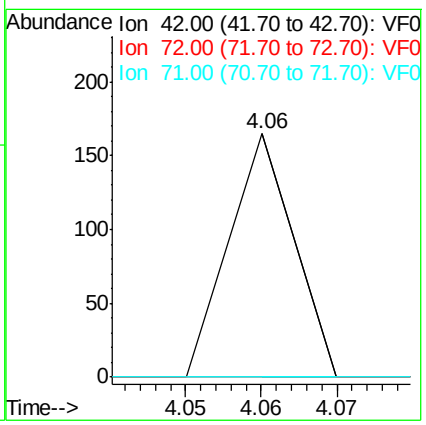


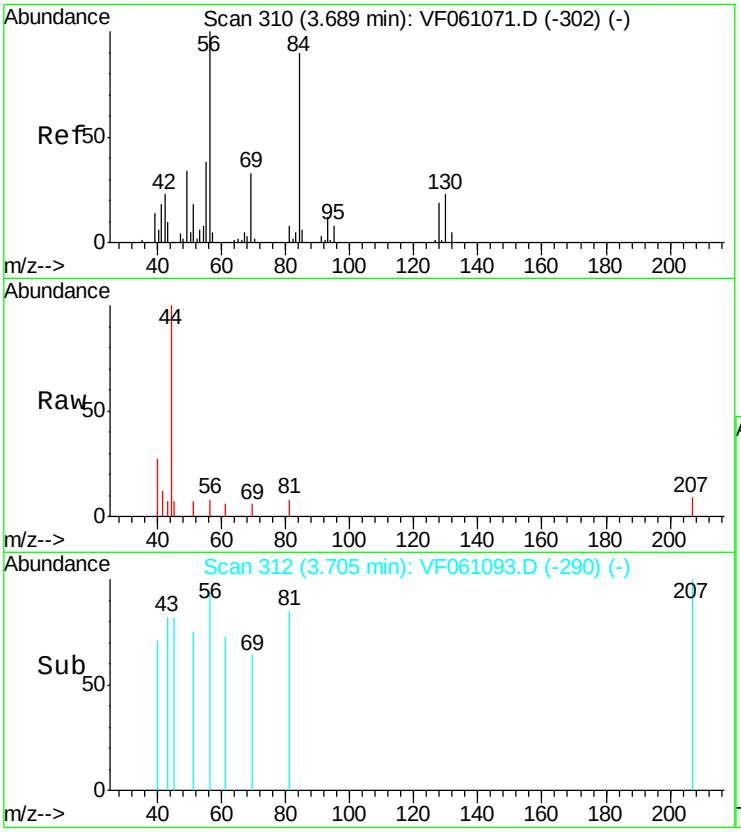


#29
Tetrahydrofuran
Concen: 8.368 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 42 Resp: 98

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



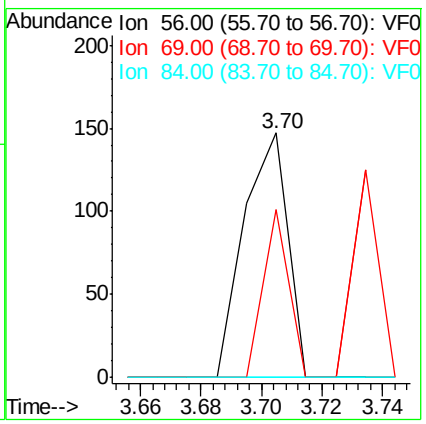


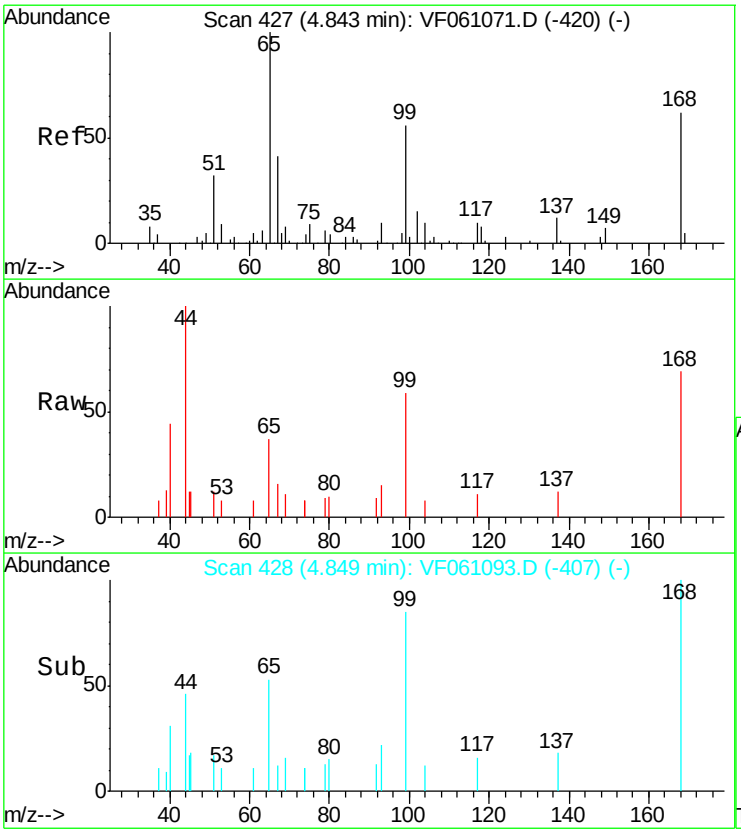
#31
Cyclohexane
Concen: 1.149 ug/l
RT: 3.70 min Scan# 312
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 56 Resp: 149

Ion	Ratio	Lower	Upper
56	100		
69	68.7	26.0	39.0#
84	0.0	71.4	107.2#

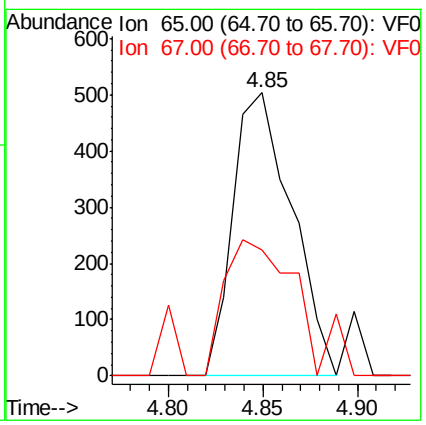


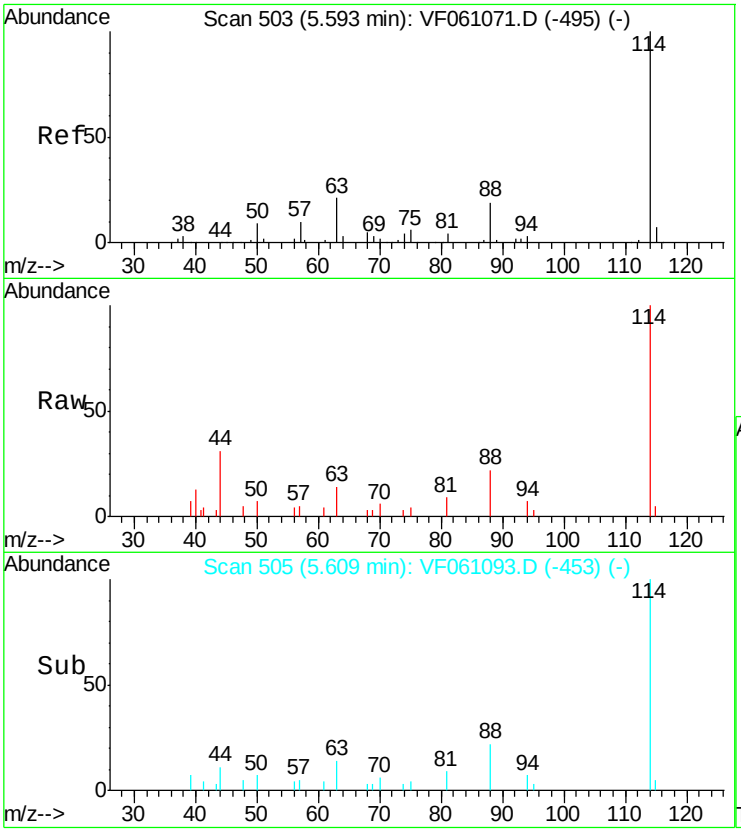


#33
1,2-Dichloroethane-d4
Concen: 12.226 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 65 Resp: 1085

Ion	Ratio	Lower	Upper
65	100		
67	44.7	0.0	94.6



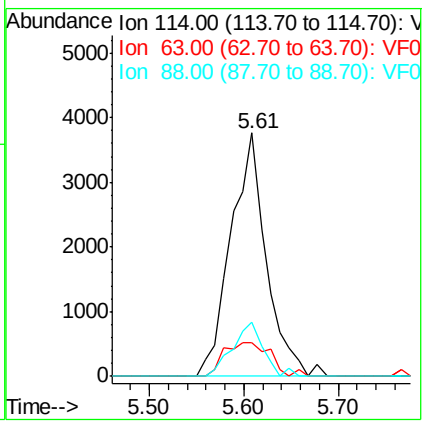


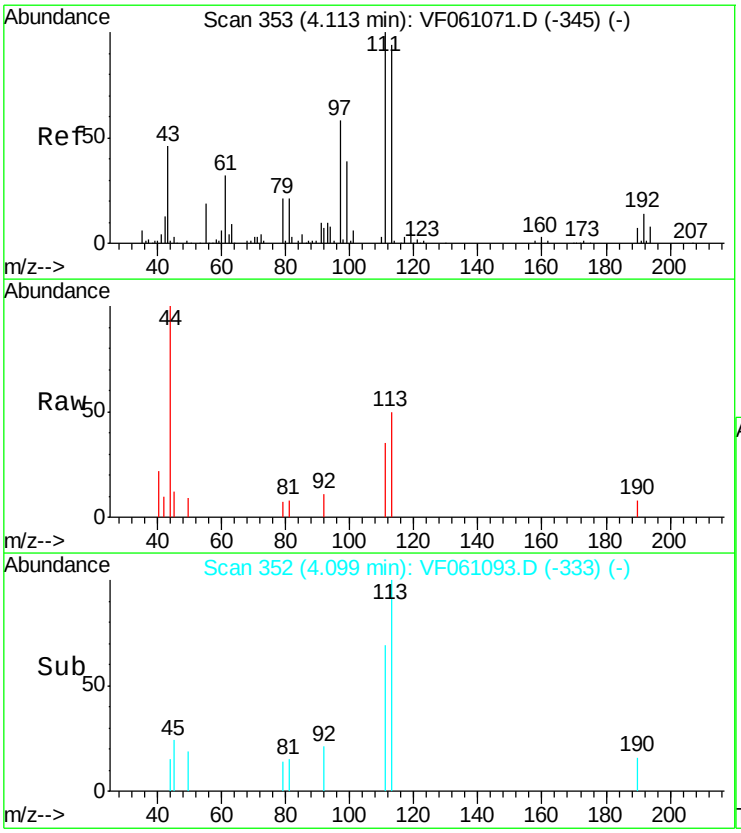
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion:114 Resp: 9763

Ion	Ratio	Lower	Upper
114	100		
63	13.9	0.0	41.6
88	22.3	0.0	38.0

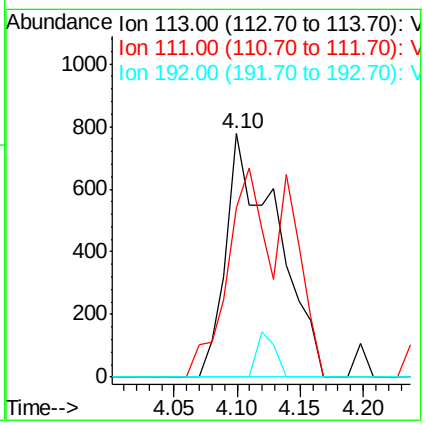


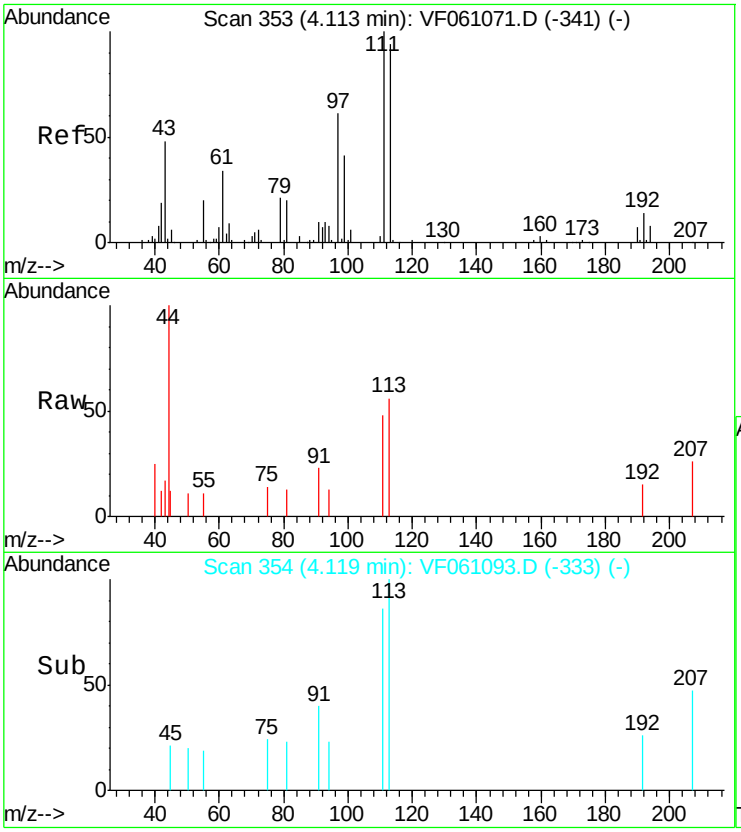


#35
Dibromofluoromethane
Concen: 27.977 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion:113 Resp: 2188

Ion	Ratio	Lower	Upper
113	100		
111	69.5	85.2	127.8#
192	0.0	12.8	19.2#



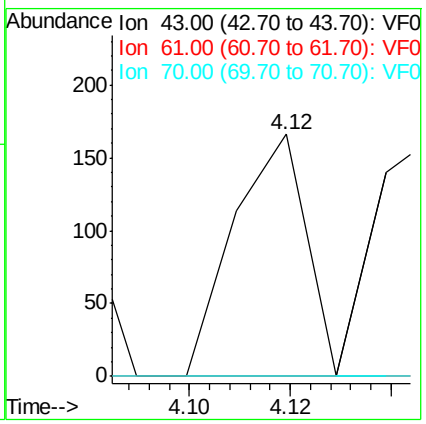


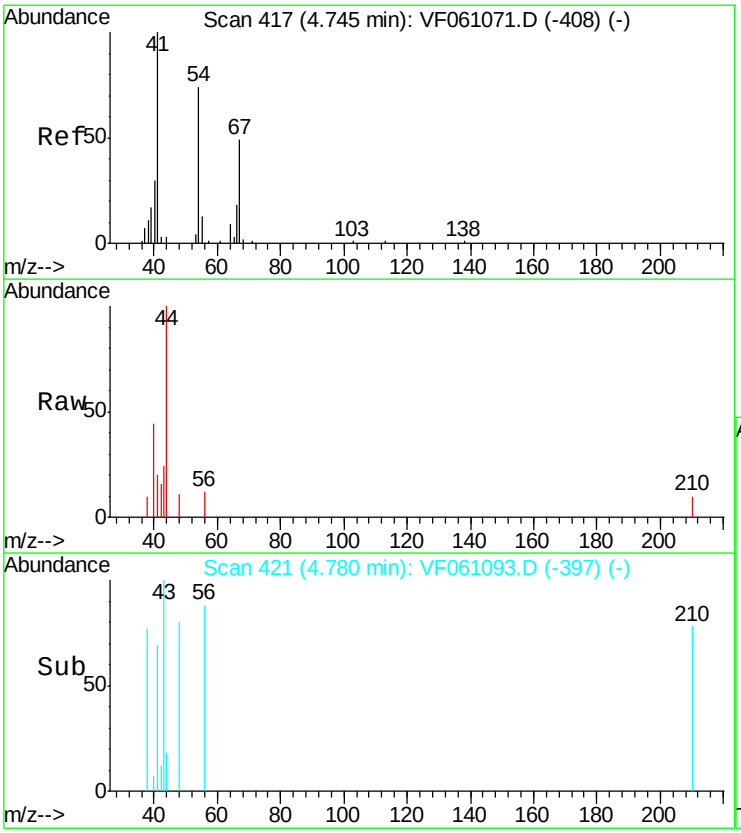
#37
Ethyl Acetate
Concen: 2.971 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 166

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

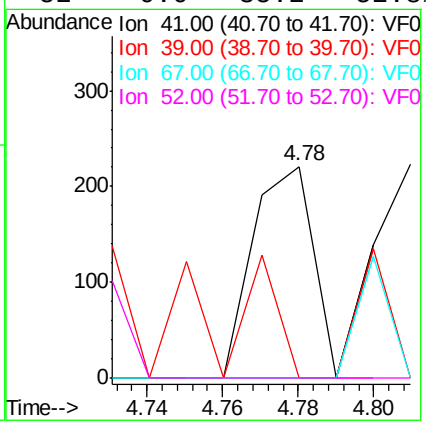


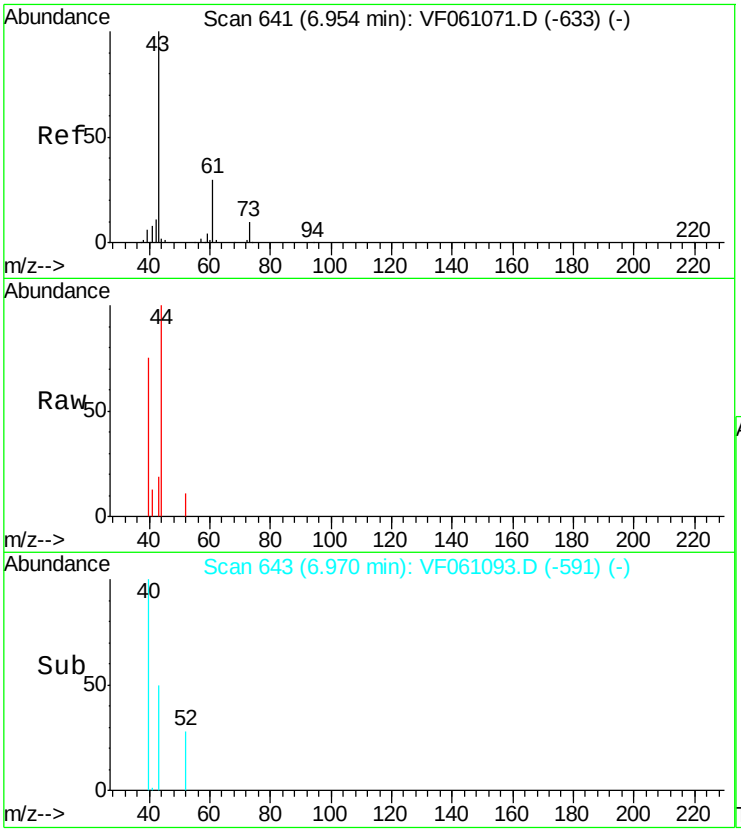


#41
Methacrylonitrile
Concen: 9.804 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.04 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 41 Resp: 244

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



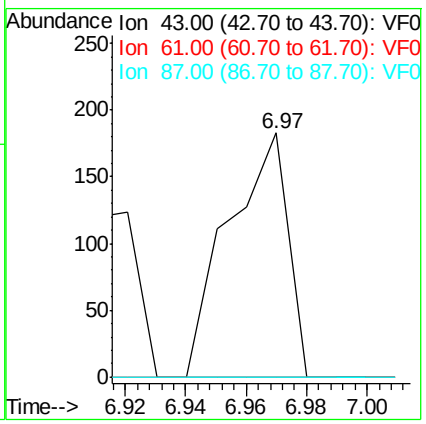


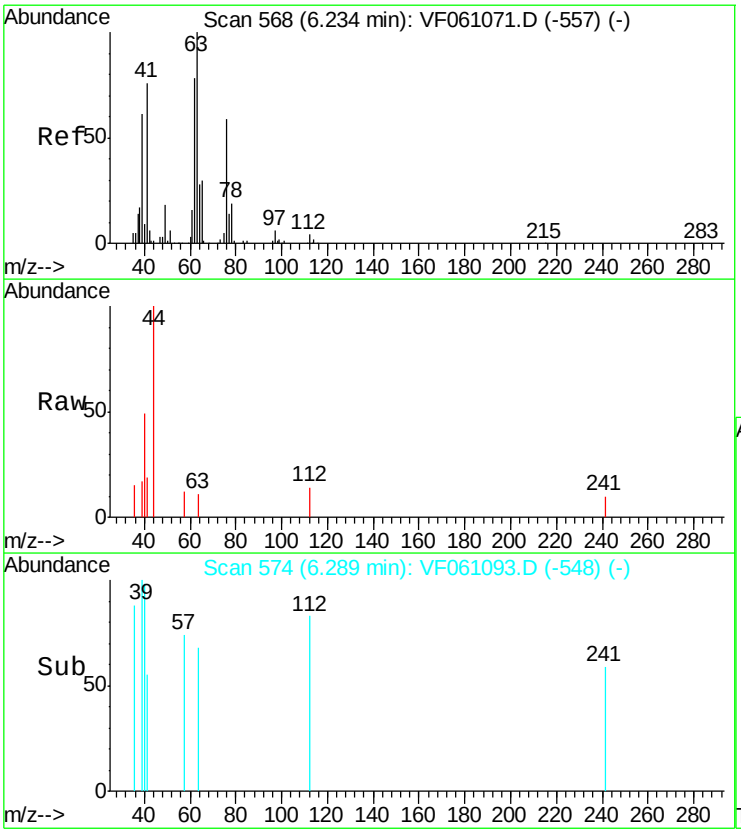
#43
Isopropyl Acetate
Concen: 4.376 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 249

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

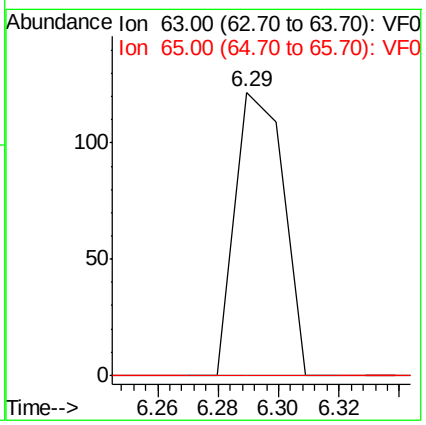


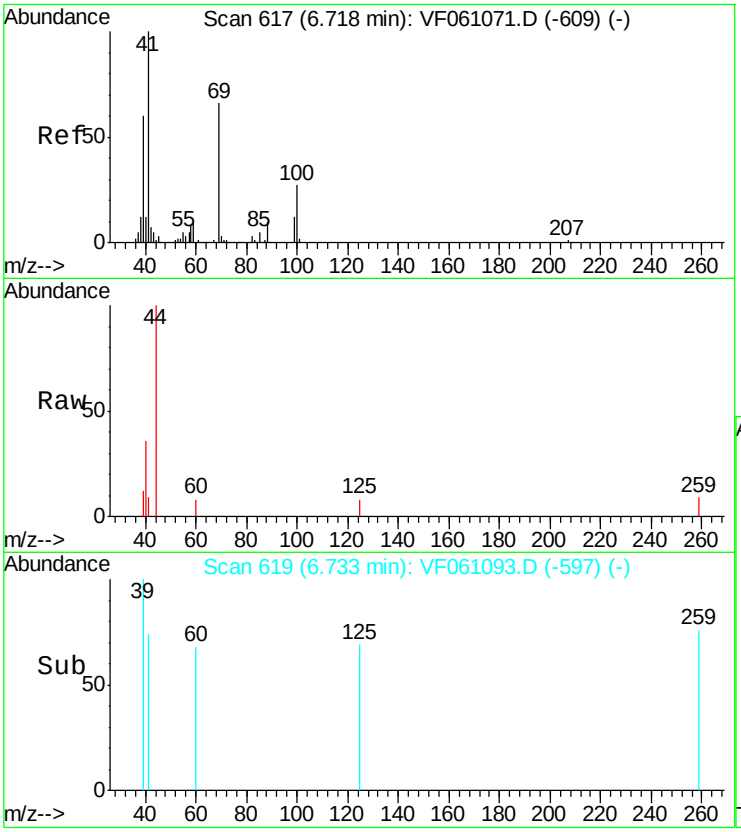


#45
1,2-Dichloropropane
Concen: 1.987 ug/l
RT: 6.29 min Scan# 574
Delta R.T. 0.06 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 63 Resp: 137

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#



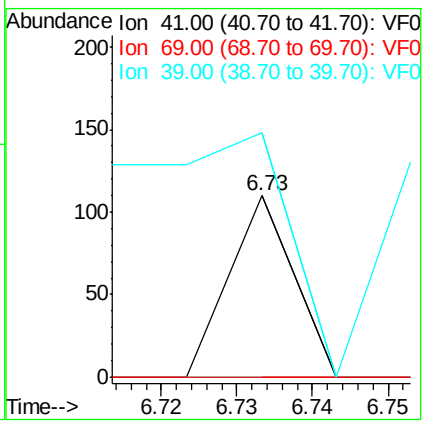


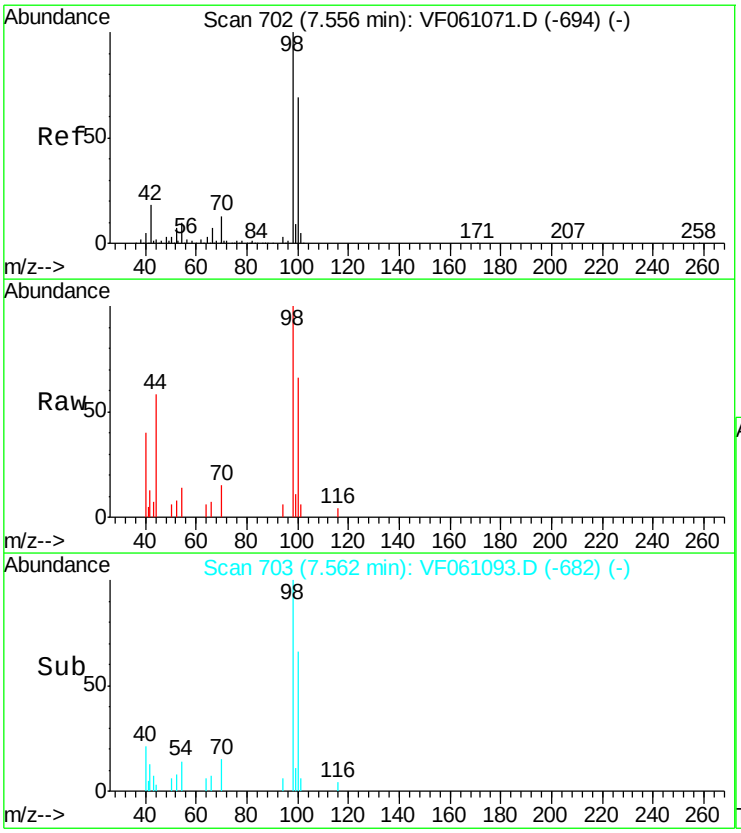
#48
Methyl methacrylate
Concen: 1.636 ug/l
RT: 6.73 min Scan# 619
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 41 Resp: 65

Ion	Ratio	Lower	Upper
41	100		
69	0.0	52.7	79.1#
39	134.5	47.8	71.6#

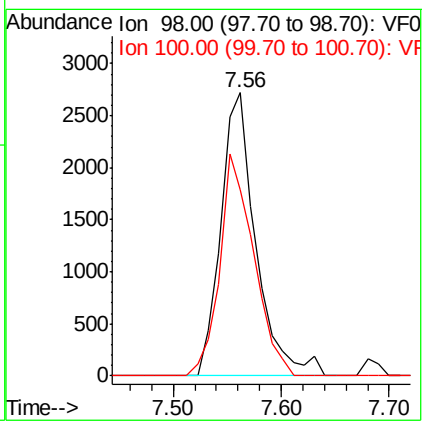


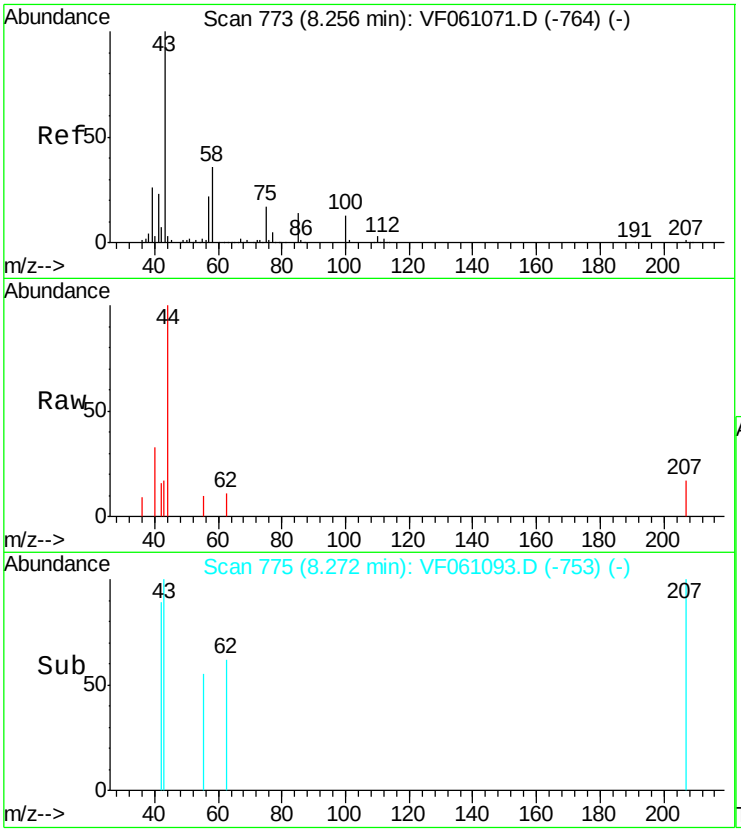


#50
Toluene-d8
Concen: 27.550 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 98 Resp: 6106

Ion	Ratio	Lower	Upper
98	100		
100	65.8	55.3	82.9



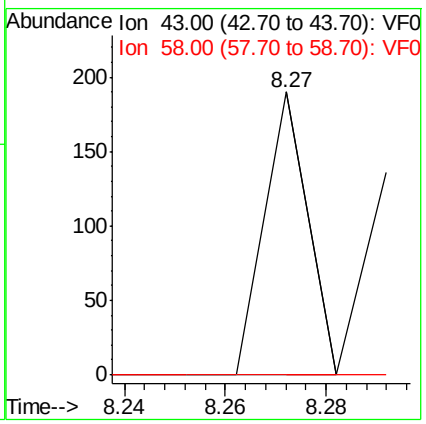


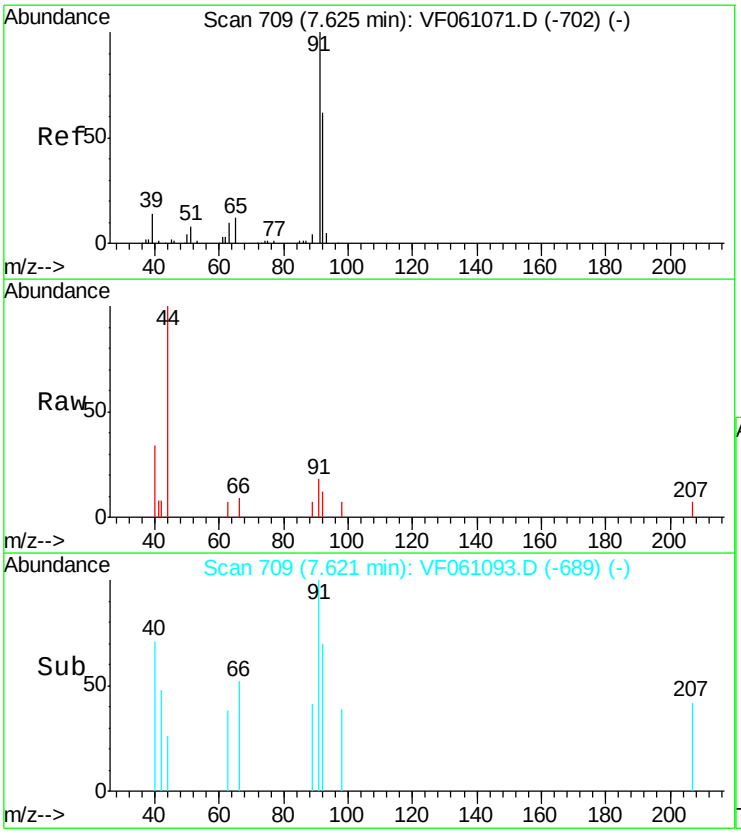
#51
4-Methyl-2-Pentanone
Concen: 2.870 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 112

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#

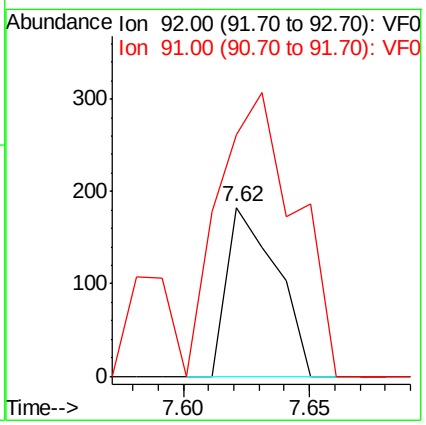


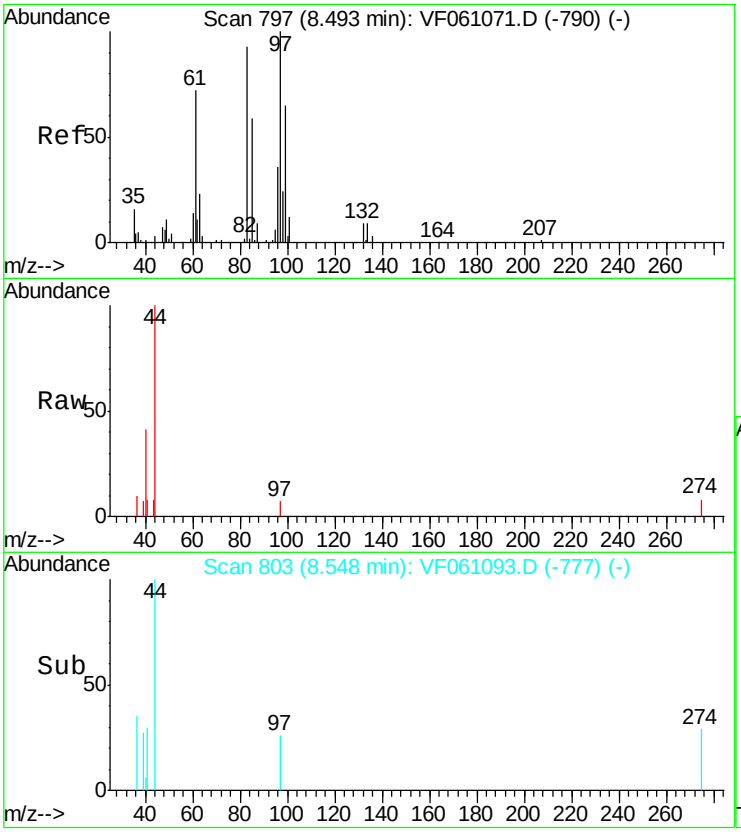


#52
Toluene
Concen: 1.502 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.00 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 92 Resp: 252

Ion	Ratio	Lower	Upper
92	100		
91	143.2	128.8	193.2



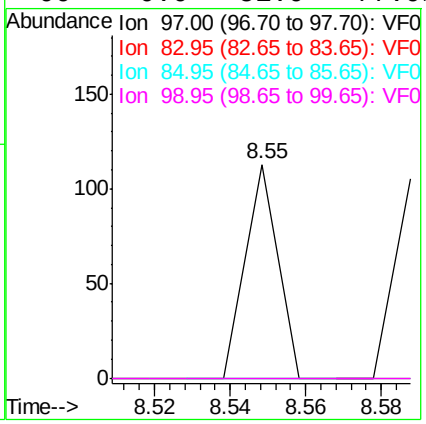


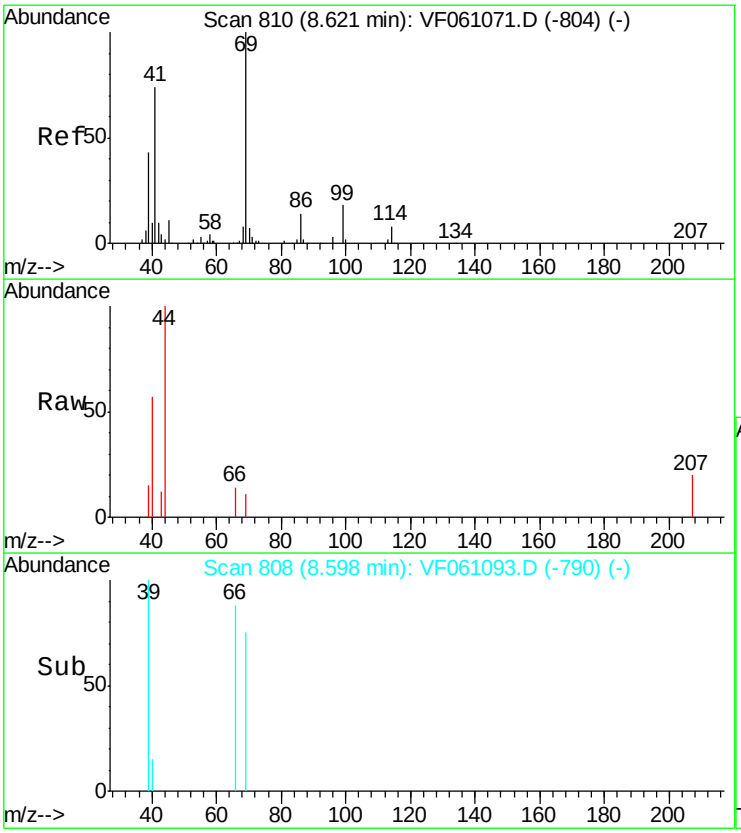
#55
1,1,2-Trichloroethane
Concen: 1.332 ug/l
RT: 8.55 min Scan# 803
Delta R.T. 0.06 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 97 Resp: 67

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

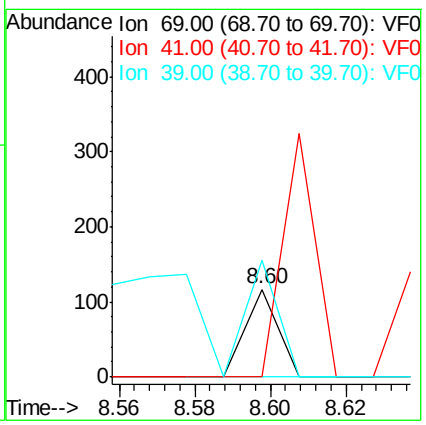


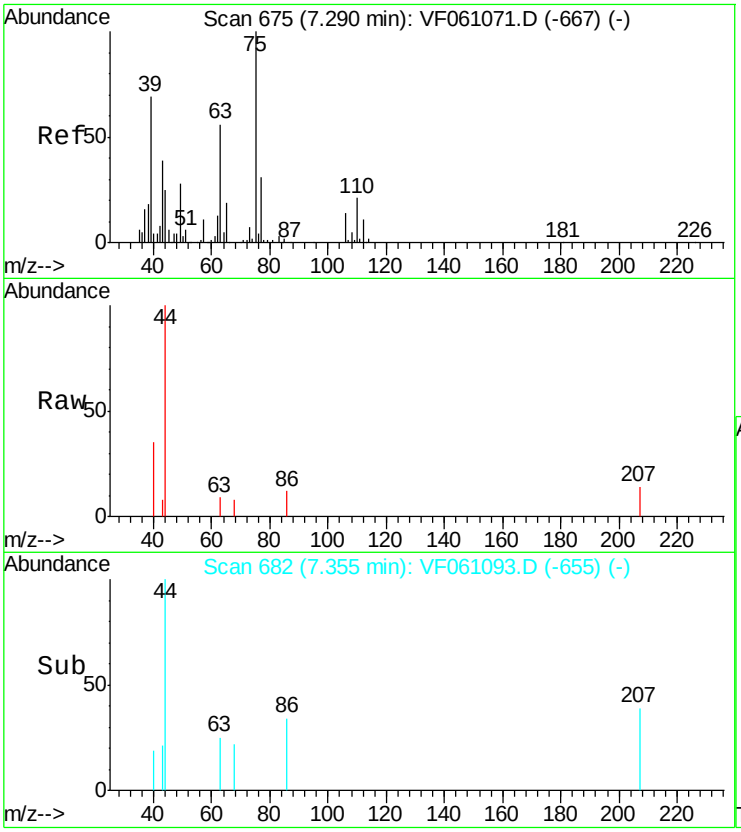


#56
Ethyl methacrylate
Concen: 1.268 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 69 Resp: 69

Ion	Ratio	Lower	Upper
69	100		
41	0.0	59.7	89.5#
39	133.3	35.0	52.6#



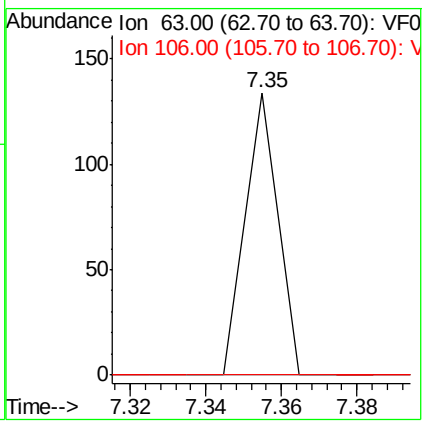


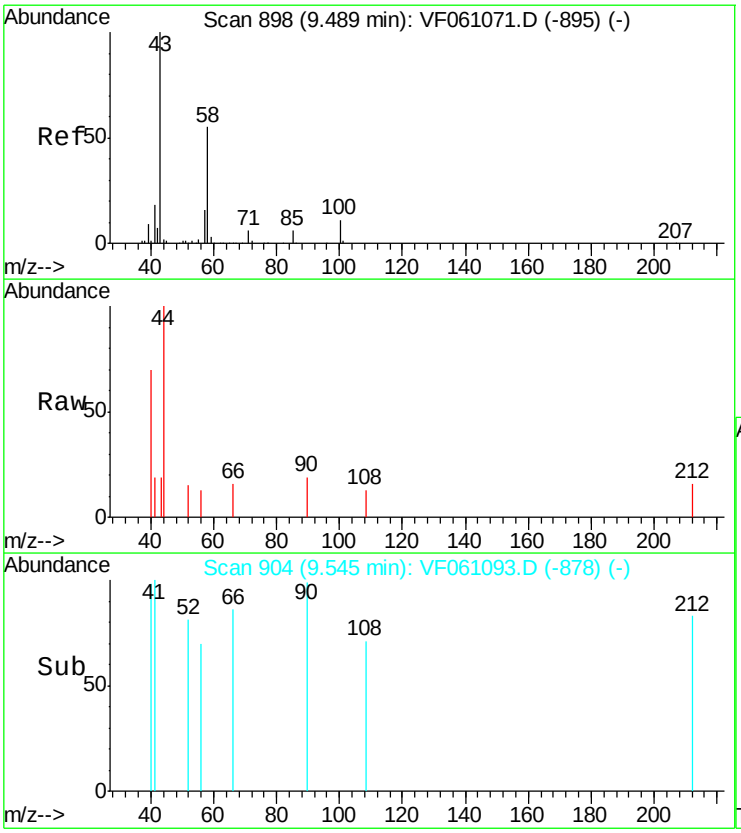
#58
2-Chloroethyl Vinyl ether
Concen: 7.559 ug/l
RT: 7.35 min Scan# 682
Delta R.T. 0.07 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 63 Resp: 79

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.8	29.8#

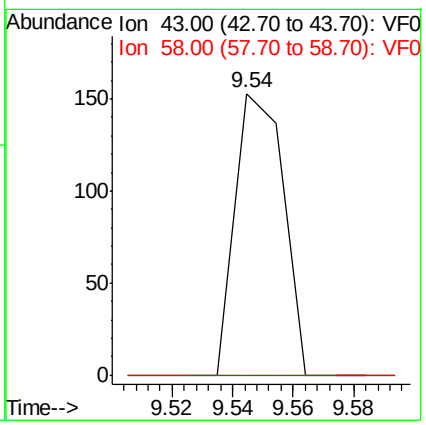


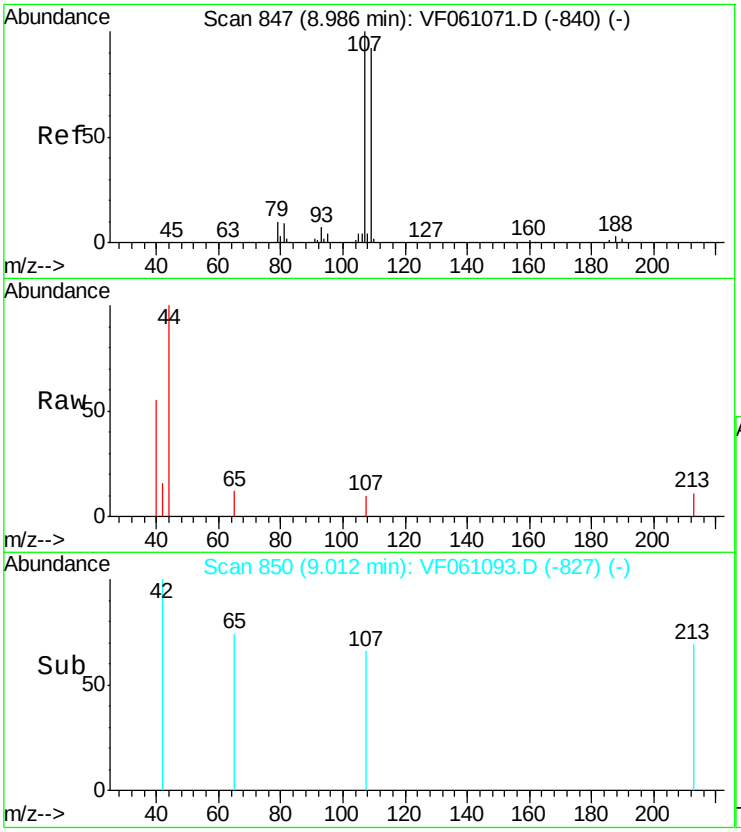


#59
2-Hexanone
Concen: 6.095 ug/l
RT: 9.54 min Scan# 904
Delta R.T. 0.06 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 43 Resp: 172

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#



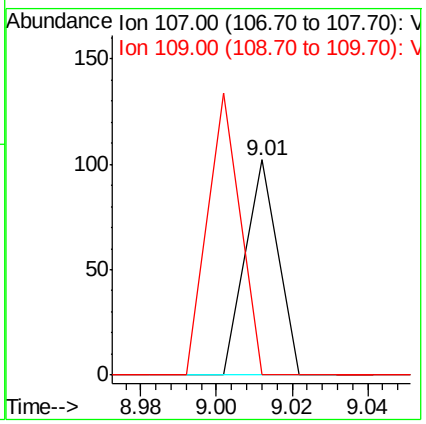


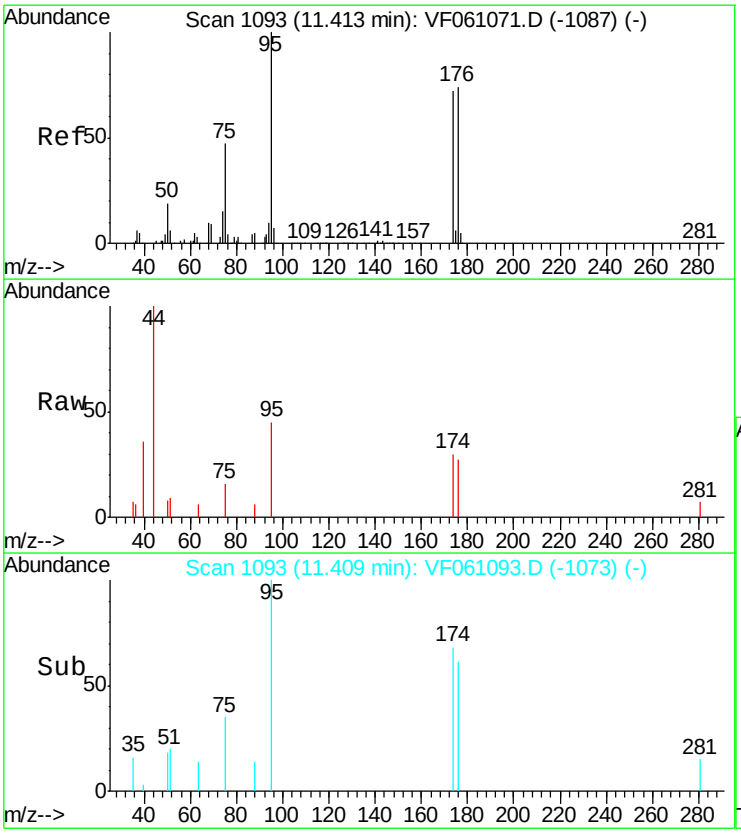
#61
1,2-Dibromoethane
Concen: 1.117 ug/l
RT: 9.01 min Scan# 850
Delta R.T. 0.03 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion:107 Resp: 60

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.7	110.5#

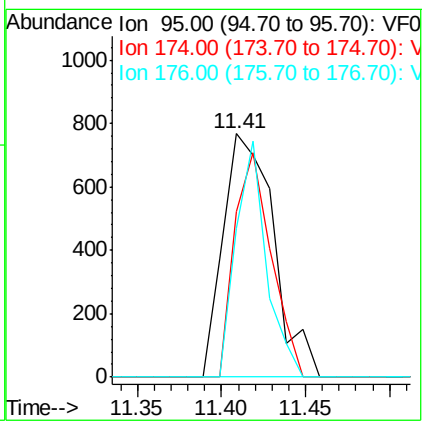


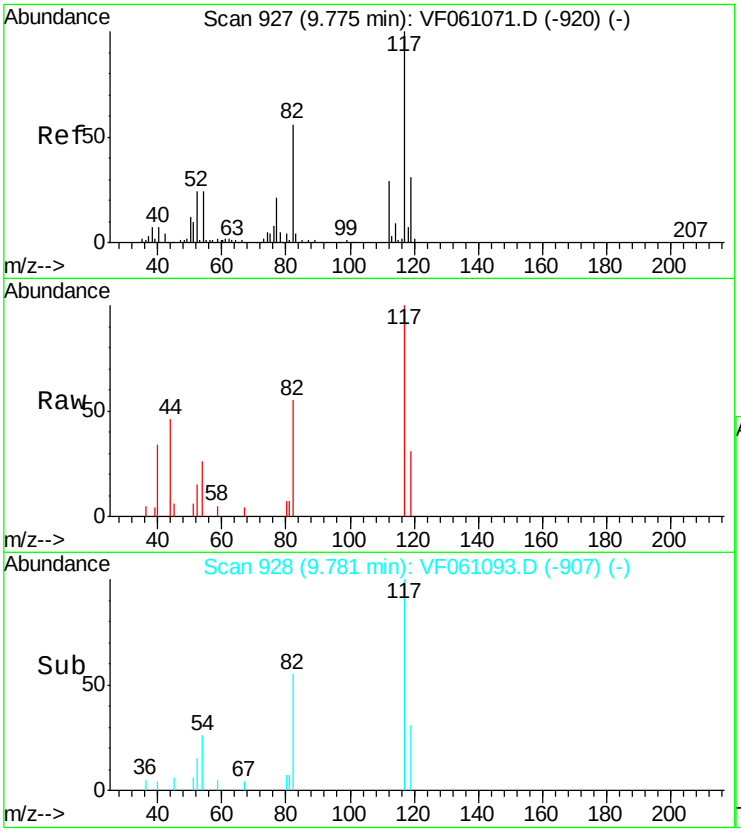


#62
4-Bromofluorobenzene
Concen: 15.562 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 95 Resp: 1590

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	143.8
176	61.1	0.0	147.6



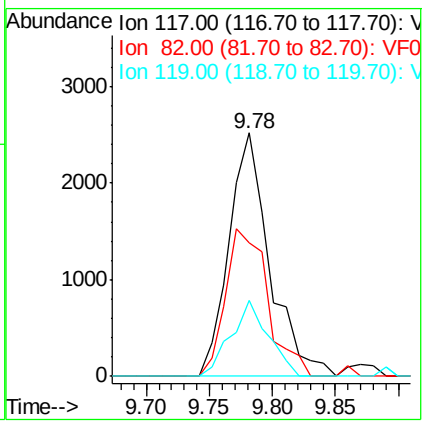


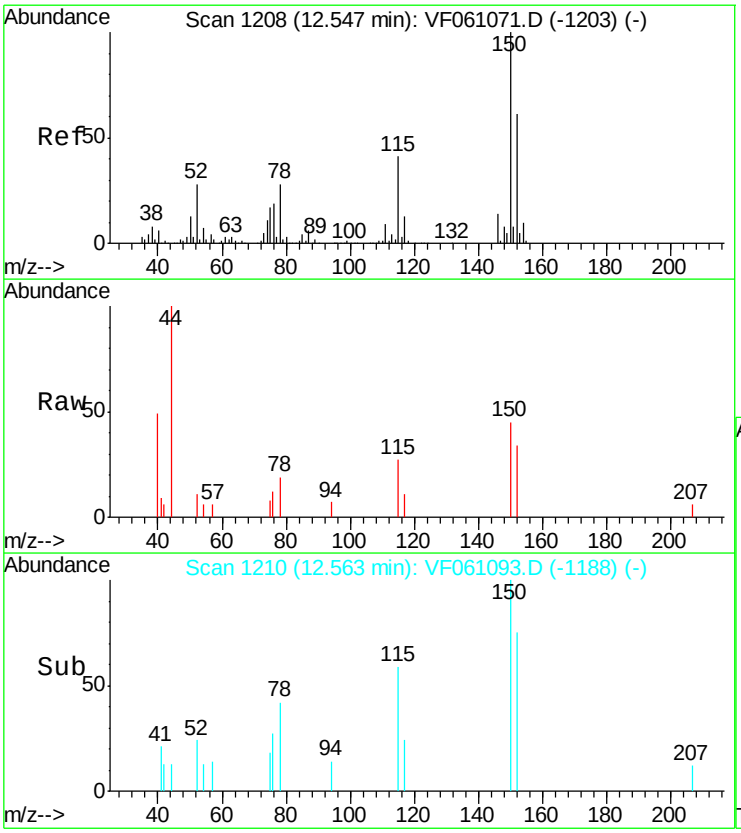
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion:117 Resp: 5625

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	31.1	24.8	37.2

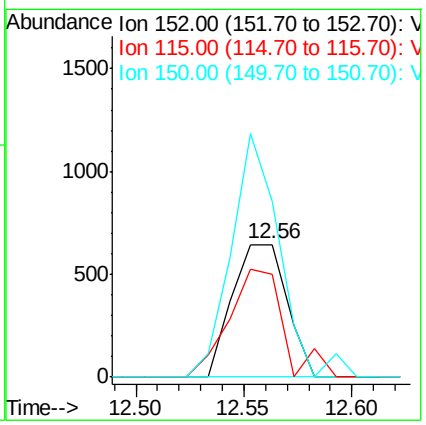


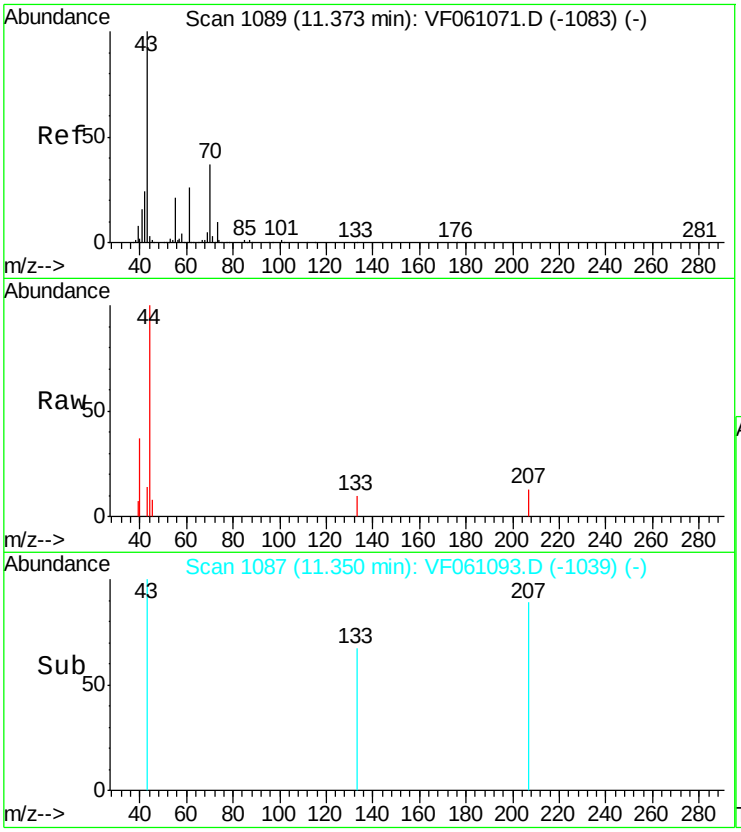


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion:152 Resp: 1129

Ion	Ratio	Lower	Upper
152	100		
115	78.1	33.3	99.9
150	133.3	0.0	328.2



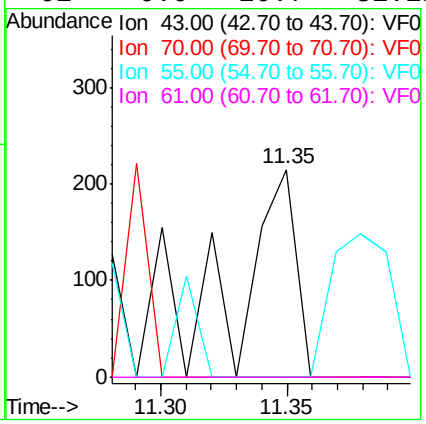


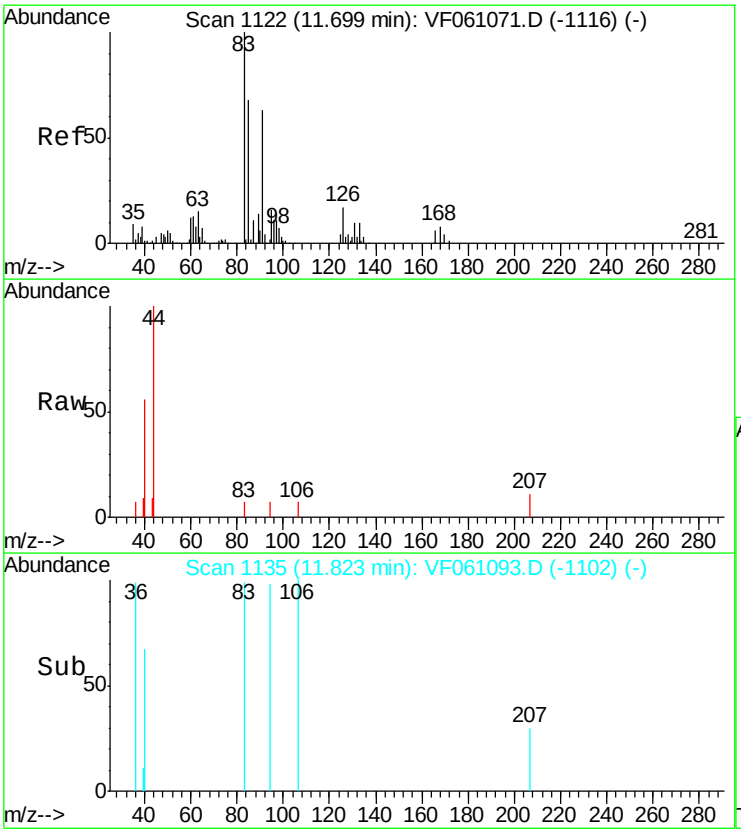
#74
N-amyl acetate
Concen: 14.259 ug/l
RT: 11.35 min Scan# 1087
Delta R.T. -0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 43 Resp: 308

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

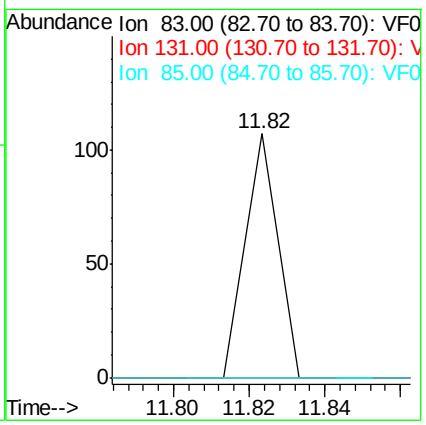


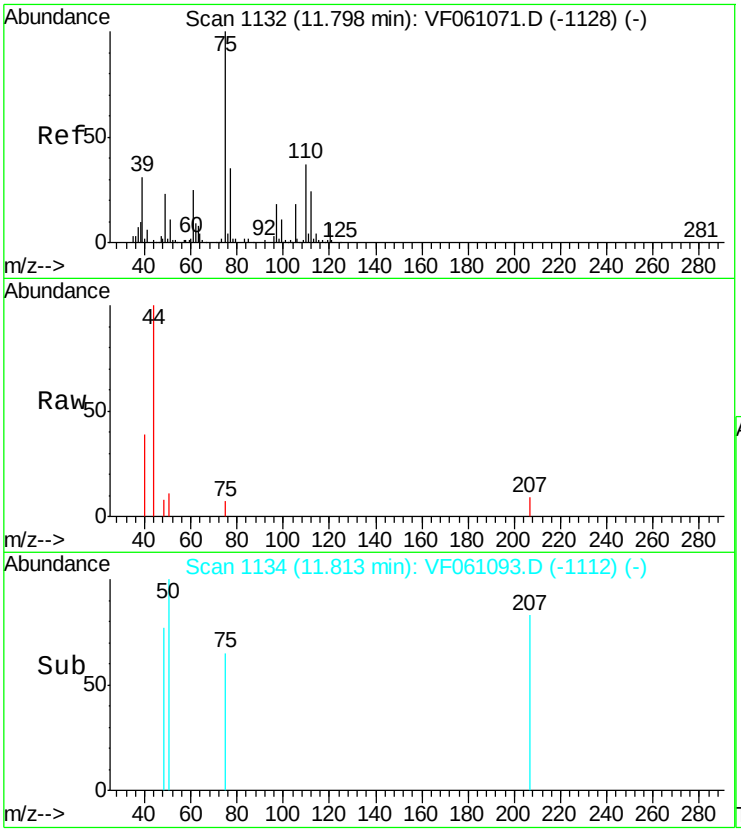


#75
1,1,2,2-Tetrachloroethane
Concen: 3.902 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. 0.12 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 83 Resp: 63

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



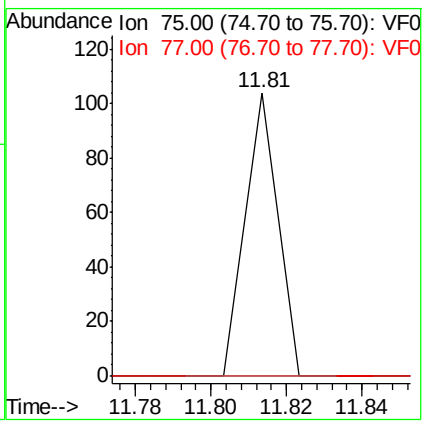


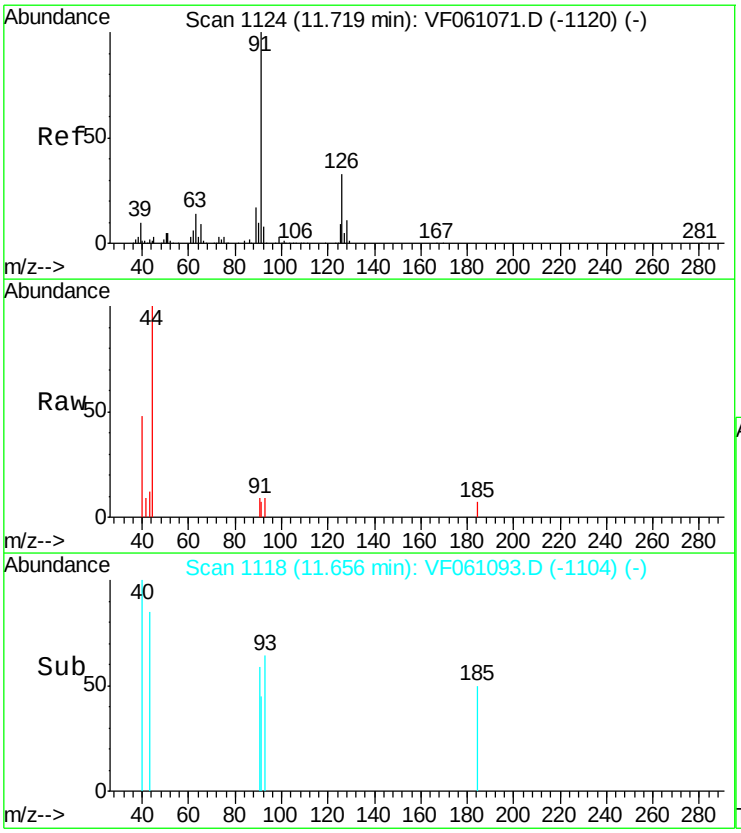
#76
1,2,3-Trichloropropane
Concen: 5.159 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.02 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument :
MSVOA_F
ClientSampleId :
VB16202

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
77	0.0	17.6	52.9#

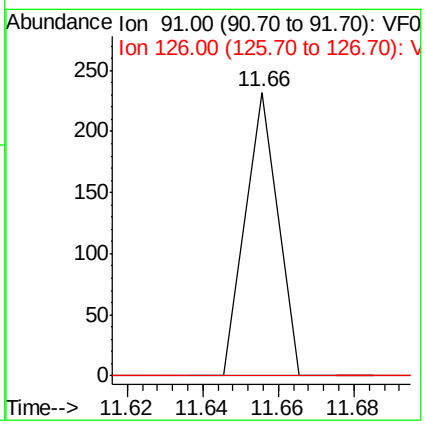


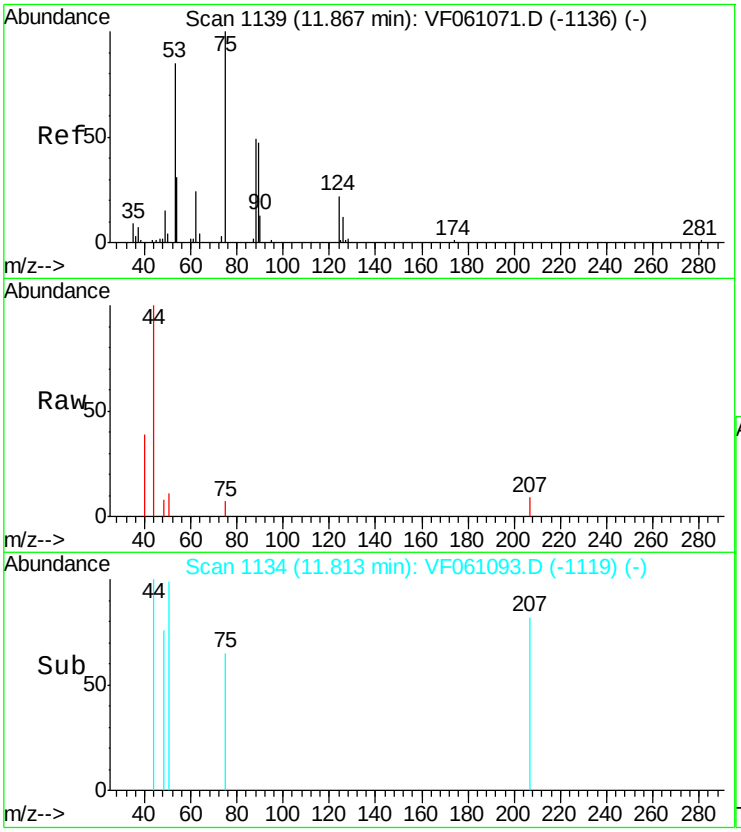


#79
2-Chlorotoluene
Concen: 2.053 ug/l
RT: 11.66 min Scan# 1118
Delta R.T. -0.06 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 91 Resp: 137

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#



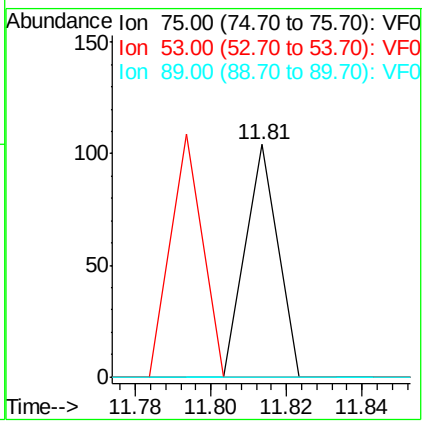


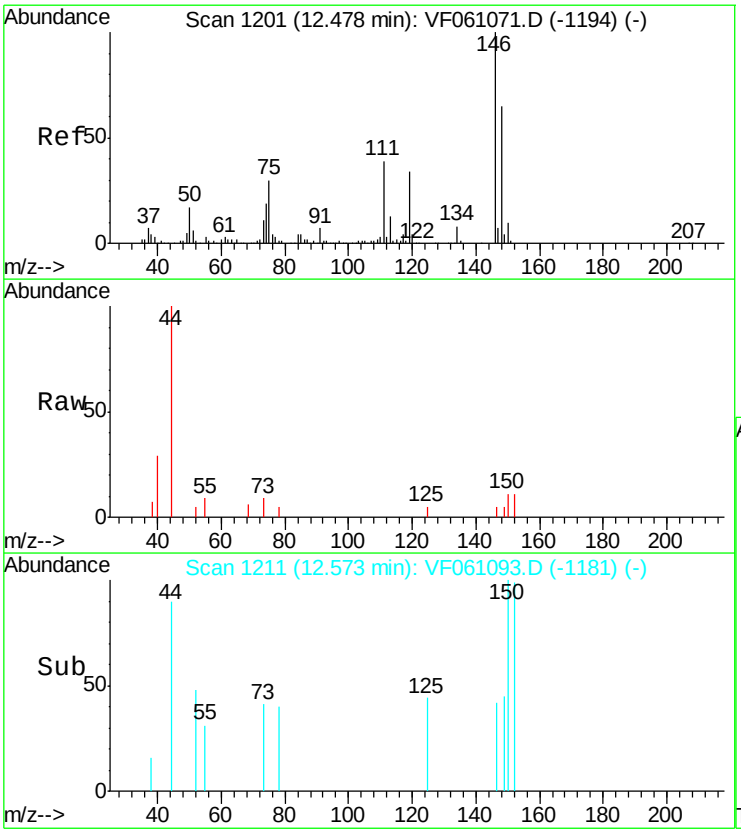
#81
trans-1,4-Dichloro-2-butene
Concen: 12.007 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.05 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion: 75 Resp: 62

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

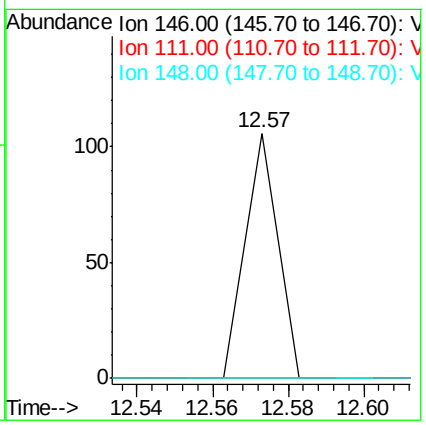


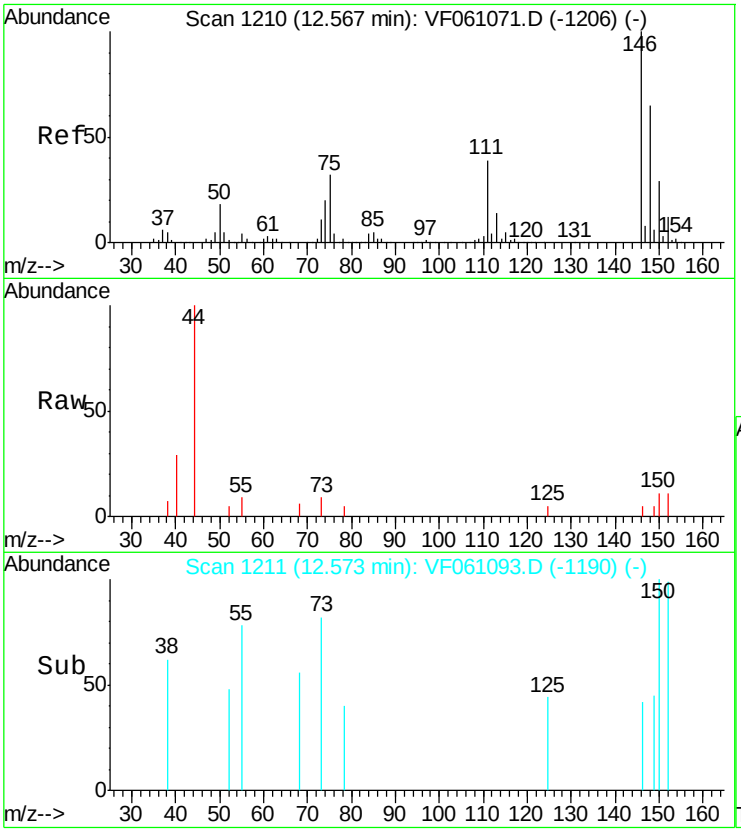


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.57 min Scan# 1211
Delta R.T. 0.09 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	32.4	97.2#



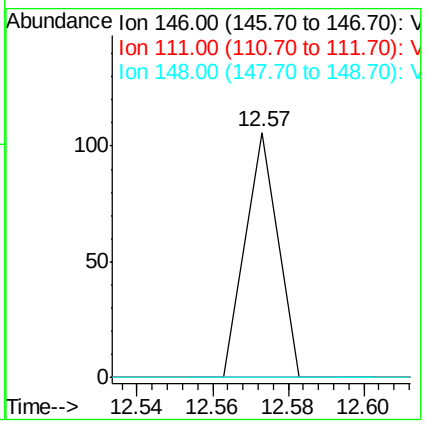


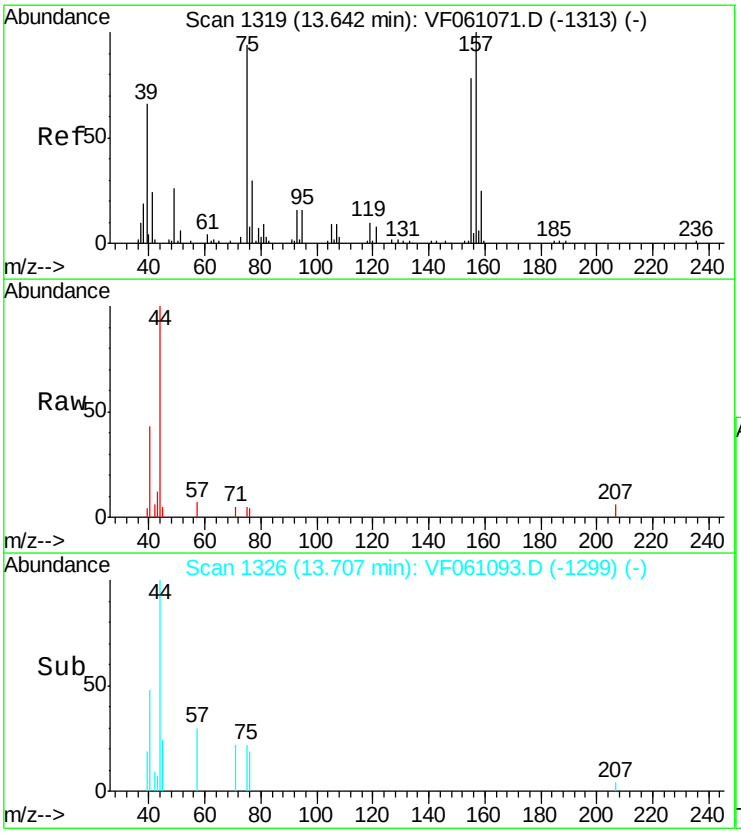
#88
1,4-Dichlorobenzene
Concen: 1.638 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Instrument : MSVOA_F
ClientSampleId : VB16202

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.4#
148	0.0	32.4	97.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 23.624 ug/l
RT: 13.71 min Scan# 1326
Delta R.T. 0.07 min
Lab File: VF061093.D
Acq: 19 Dec 2018 19:05

Tgt Ion: 75 Resp: 70

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