Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
Data File : VW010054.D
Acq On : 18 Apr 2019 19:19
Operator : SY/VA
Sample : K2436-02
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Quant Time: Apr 19 01:57:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	1406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1317	75.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 151.80%			
35) Dibromofluoromethane	7.88	113	791	68.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 136.12%			
50) Toluene-d8	10.32	98	1992	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.48%			
62) 4-Bromofluorobenzene	12.63	95	102	6.44	ug/l	0.01
Spiked Amount 50.000			Recovery = 12.88%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	202	18.842	ug/l #	43
4) Vinyl Chloride	2.40	62	37	2.969	ug/l #	42
5) Bromomethane	2.70	94	30	3.582	ug/l #	3
6) Chloroethane	2.88	64	22	2.702	ug/l #	45
7) Trichlorofluoromethane	3.21	101	22	2.553	ug/l #	19
8) Diethyl Ether	3.43	74	56	7.813	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.96	101	46	3.173	ug/l #	19
10) Methyl Iodide	4.05	142	52	2.595	ug/l #	38
11) Tert butyl alcohol	5.14	59	149	150.761	ug/l #	71
12) 1,1-Dichloroethene	4.01	96	122	8.777	ug/l #	1
13) Acrolein	3.87	56	20	19.236	ug/l #	17
14) Allyl chloride	4.66	41	165	6.677	ug/l #	21
15) Acrylonitrile	5.38	53	20	5.422	ug/l #	17
16) Acetone	4.11	43	1092	271.254	ug/l #	83
17) Carbon Disulfide	4.38	76	63	2.804	ug/l #	74
18) Methyl Acetate	4.68	43	1074	115.271	ug/l #	83
19) Methyl tert-butyl Ether	5.48	73	72	3.988	ug/l #	52
20) Methylene Chloride	4.90	84	154	6.055	ug/l #	63
21) trans-1,2-Dichloroethene	5.37	96	33	2.192	ug/l #	1
22) Diisopropyl ether	6.26	45	116	2.314	ug/l #	36
23) Vinyl Acetate	6.23	43	82	2.599	ug/l #	76
25) 2-Butanone	7.18	43	42	7.942	ug/l #	51
26) 2,2-Dichloropropane	7.12	77	58	3.499	ug/l #	53
27) cis-1,2-Dichloroethene	7.18	96	19	1.148	ug/l #	1
28) Bromochloromethane	7.53	49	63	5.145	ug/l #	18
29) Tetrahydrofuran	7.51	42	83	24.770	ug/l #	63
31) Cyclohexane	7.96	56	110	3.920	ug/l #	18
36) 1,1-Dichloropropene	7.97	75	50	2.678	ug/l #	58
37) Ethyl Acetate	7.25	43	24	2.529	ug/l #	71
38) Carbon Tetrachloride	7.95	117	245	13.444	ug/l #	13
39) Methylcyclohexane	9.31	83	40	2.916	ug/l #	15
41) Methacrylonitrile	7.46	41	23	4.253	ug/l #	1
42) 1,2-Dichloroethane	8.16	62	98	5.585	ug/l #	77
43) Isopropyl Acetate	8.41	43	145	8.155	ug/l #	53

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
Data File : VW010054.D
Acq On : 18 Apr 2019 19:19
Operator : SY/VA
Sample : K2436-02
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Quant Time: Apr 19 01:57:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,2-Dichloropropane	9.41	63	19	1.416 ug/l #	45
48) Methyl methacrylate	9.43	41	212	24.494 ug/l #	41
49) 1,4-Dioxane	9.43	88	23	216.408 ug/l #	1
51) 4-Methyl-2-Pentanone	10.01	43	89	9.557 ug/l	94
52) Toluene	10.60	92	60	1.887 ug/l #	1
53) t-1,3-Dichloropropene	10.47	75	54	3.033 ug/l #	41
54) cis-1,3-Dichloropropene	10.06	75	55	2.706 ug/l #	61
55) 1,1,2-Trichloroethane	10.75	97	19	1.957 ug/l #	15
56) Ethyl methacrylate	10.64	69	36	5.171 ug/l #	1
57) 1,3-Dichloropropane	10.88	76	19	1.092 ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.99	63	20	3.598 ug/l #	48
59) 2-Hexanone	10.98	43	132	20.362 ug/l	73
67) Ethyl Benzene	11.73	91	67	1.476 ug/l #	45
68) m/p-Xylenes	11.76	106	26	1.532 ug/l #	1
70) Styrene	12.42	104	44	1.652 ug/l #	59
74) N-amyl acetate	12.28	43	56	15.133 ug/l #	38
76) 1,2,3-Trichloropropane	12.64	75	230	119.690 ug/l #	100
78) n-propylbenzene	12.83	91	24	1.449 ug/l #	54
79) 2-Chlorotoluene	12.86	91	19	1.995 ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.64	75	230	282.224 ug/l #	10
82) 4-Chlorotoluene	12.99	91	20	1.995 ug/l #	42
85) sec-Butylbenzene	13.60	105	45	3.209 ug/l #	57
86) p-Isopropyltoluene	13.65	119	21	1.699 ug/l #	50
87) 1,3-Dichlorobenzene	13.49	146	20	3.219 ug/l #	1
88) 1,4-Dichlorobenzene	13.49	146	20	3.225 ug/l #	1
91) 1,2-Dichlorobenzene	13.87	146	19	3.411 ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.58	75	58	122.762 ug/l #	7
93) 1,2,4-Trichlorobenzene	15.04	180	23	6.259 ug/l #	13
95) Naphthalene	15.46	128	32	6.794 ug/l #	69

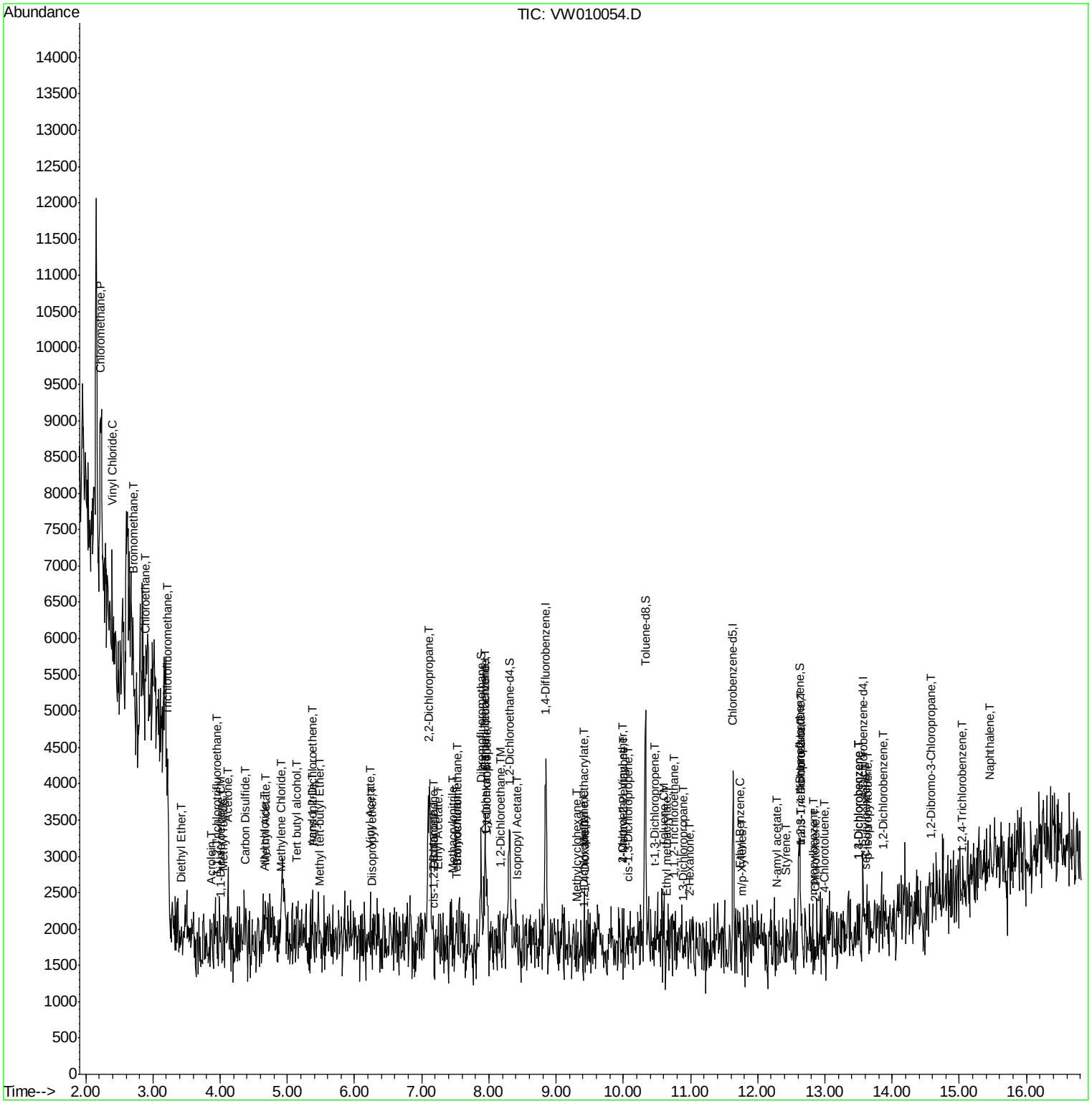
(#) = qualifier out of range (m) = manual integration (+) = signals summed

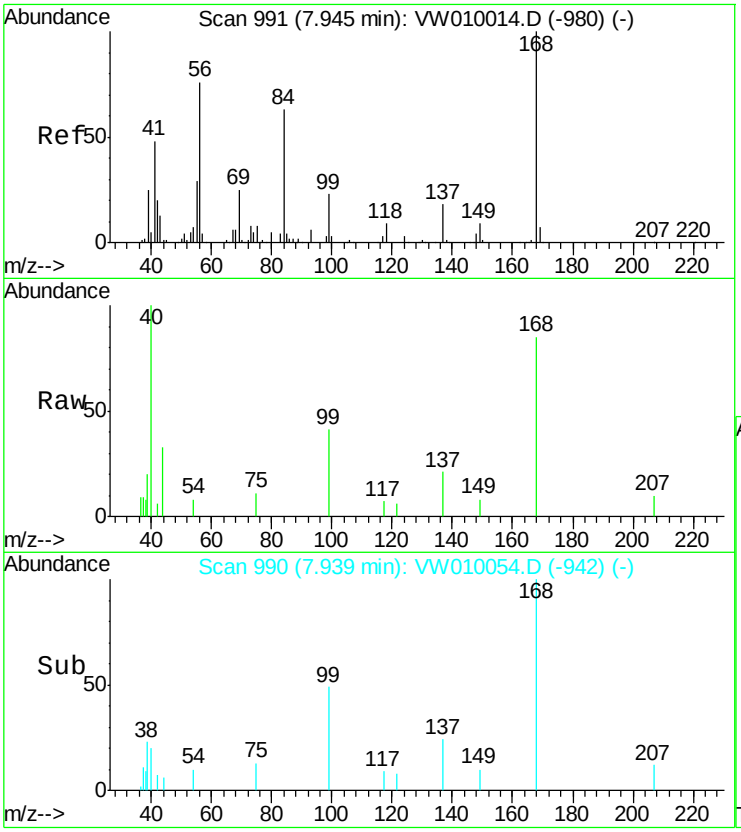
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041819\
Data File : VW010054.D
Acq On : 18 Apr 2019 19:19
Operator : SY/VA
Sample : K2436-02
Misc : 5.47G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Quant Time: Apr 19 01:57:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 2019
Response via : Initial Calibration



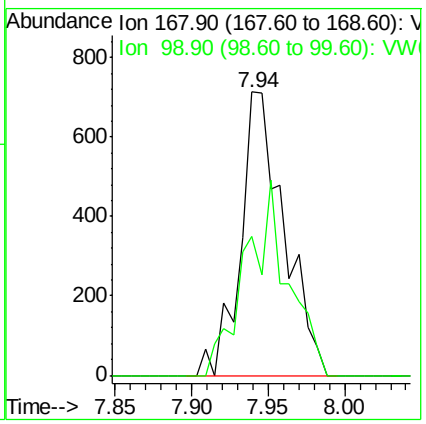


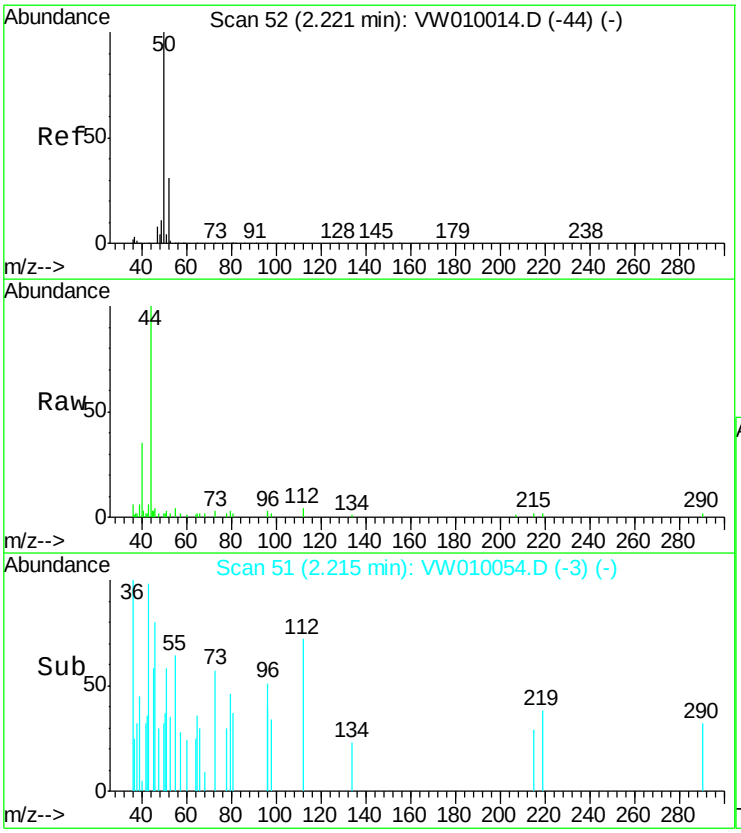
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-A

Tgt Ion:168 Resp: 1406

Ion	Ratio	Lower	Upper
168	100		
99	48.9	48.4	72.6

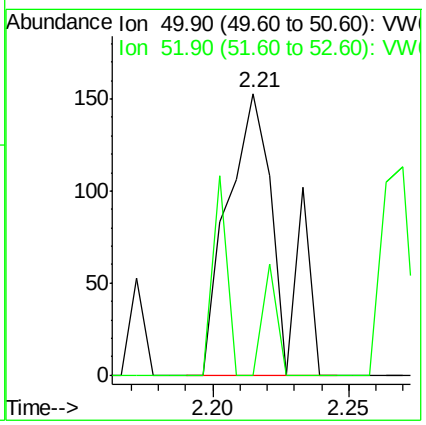


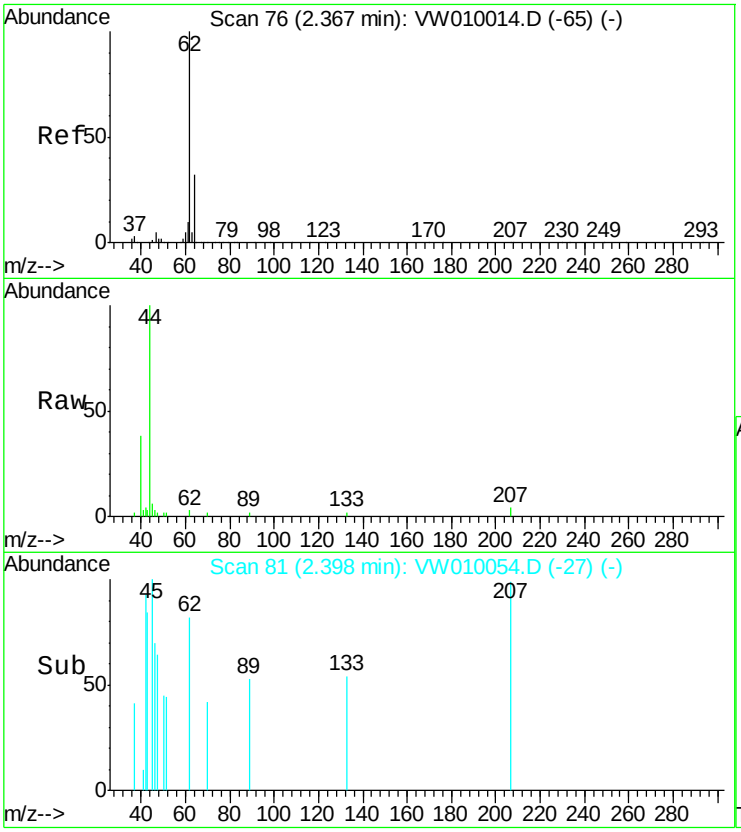


#3
Chloromethane
Concen: 18.842 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 50 Resp: 202

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.6#



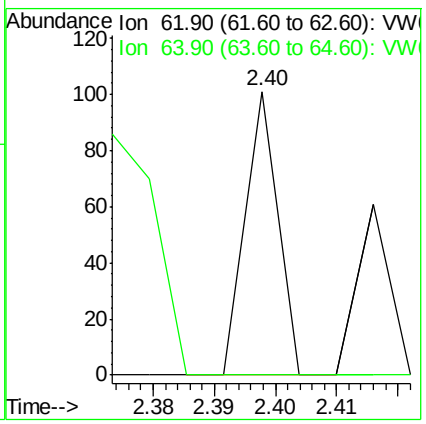


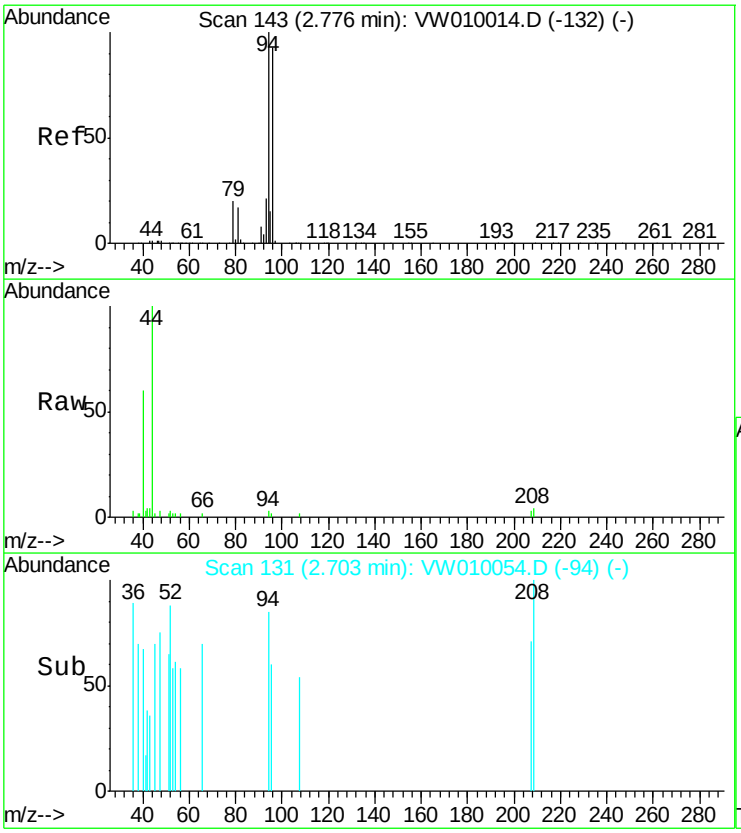
#4
Vinyl Chloride
Concen: 2.969 ug/l
RT: 2.40 min Scan# 81
Delta R.T. 0.03 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 62 Resp: 37

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.9	38.9#

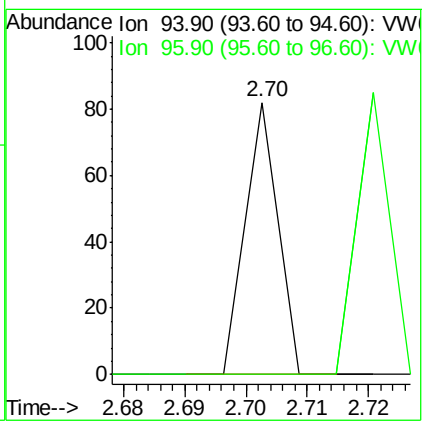


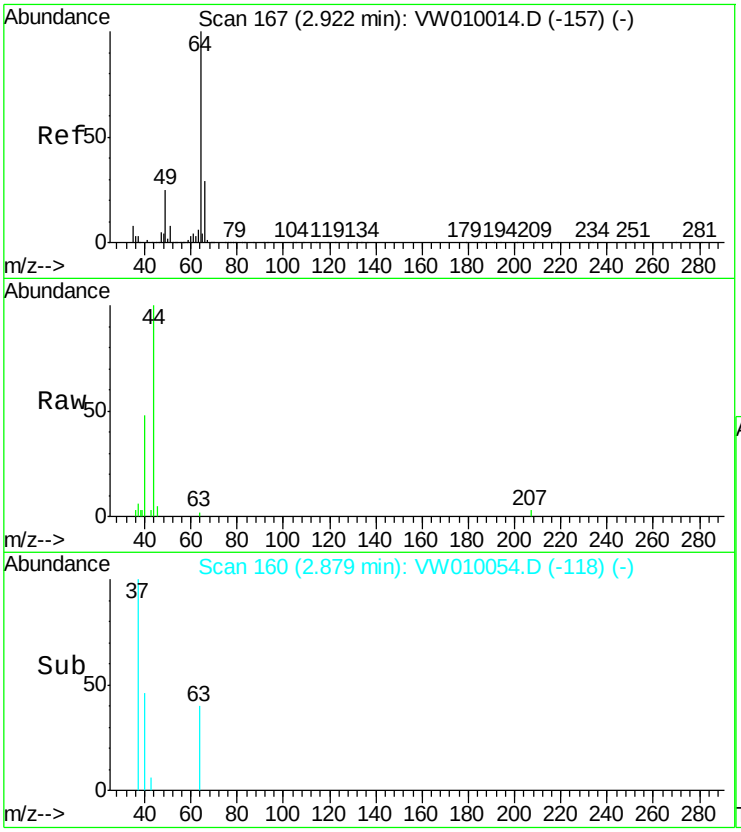


#5
Bromomethane
Concen: 3.582 ug/l
RT: 2.70 min Scan# 131
Delta R.T. -0.07 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 94 Resp: 30

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#



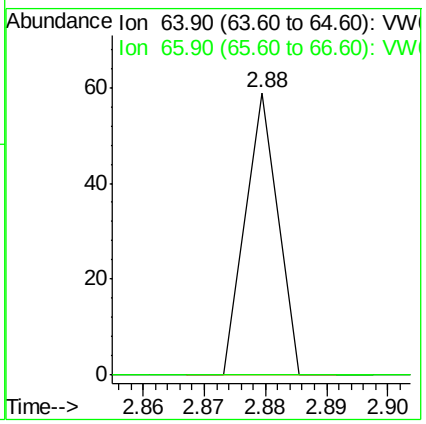


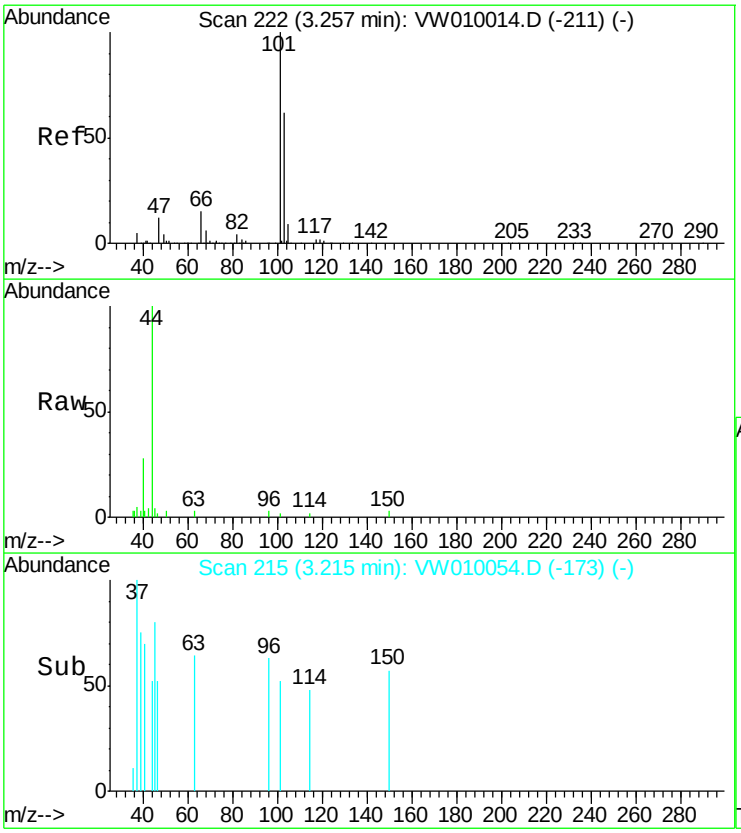
#6
Chloroethane
Concen: 2.702 ug/l
RT: 2.88 min Scan# 160
Delta R.T. -0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-A

Tgt Ion: 64 Resp: 22

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.0#

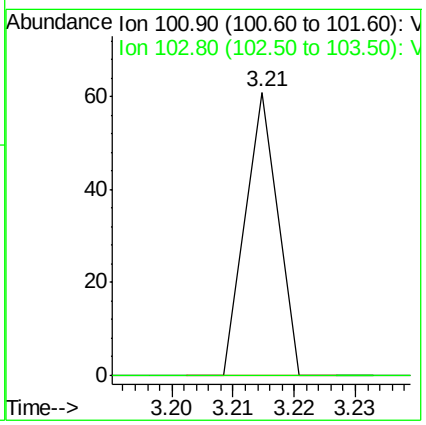


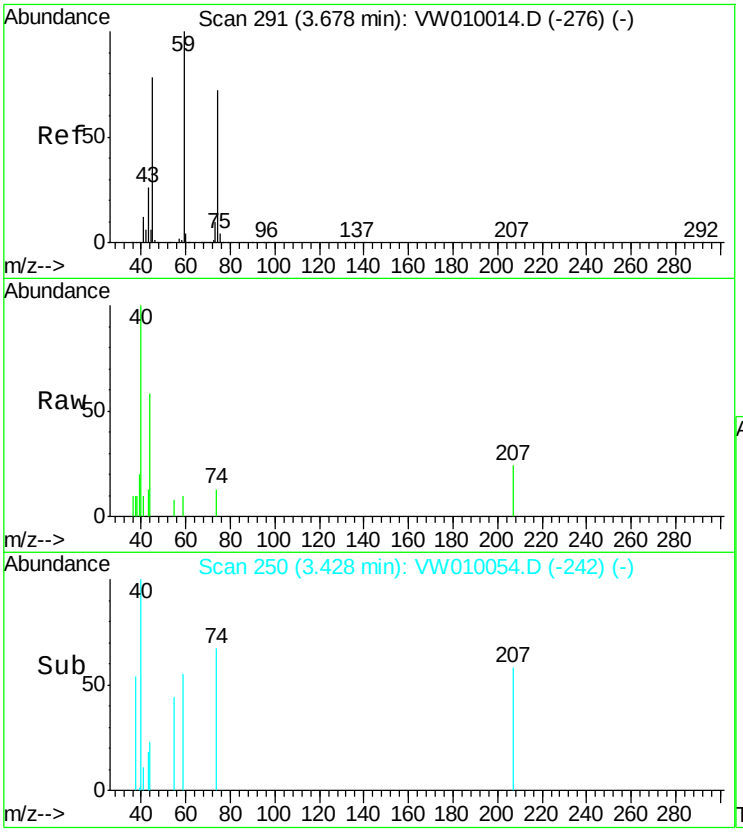


#7
Trichlorofluoromethane
Concen: 2.553 ug/l
RT: 3.21 min Scan# 215
Delta R.T. -0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:101 Resp: 22

Ion	Ratio	Lower	Upper
101	100		
103	0.0	49.8	74.6#



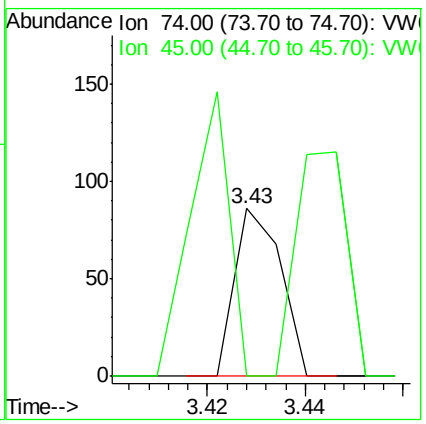


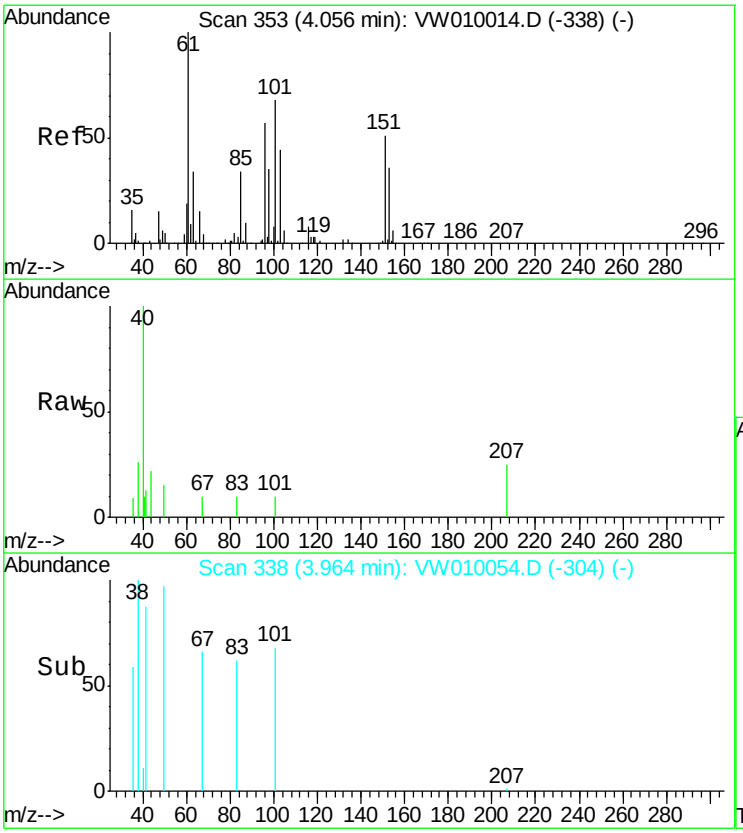
#8
Diethyl Ether
Concen: 7.813 ug/l
RT: 3.43 min Scan# 250
Delta R.T. -0.25 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 74 Resp: 56

Ion	Ratio	Lower	Upper
74	100		
45	142.9	56.0	168.0

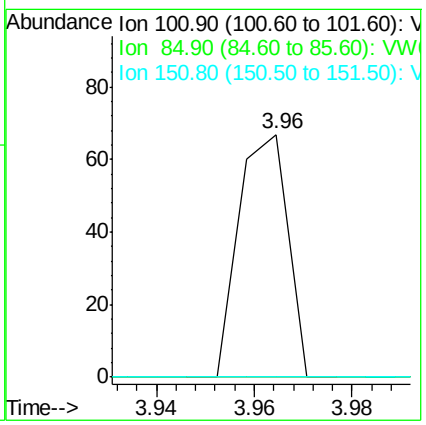


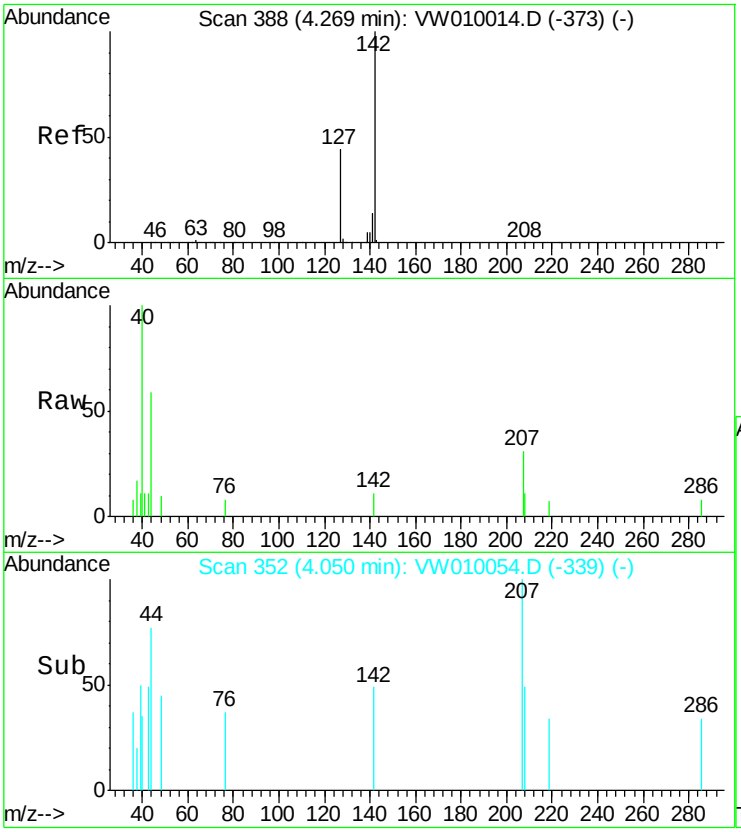


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.173 ug/l
RT: 3.96 min Scan# 338
Delta R.T. -0.09 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:101 Resp: 46

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.3	54.5#
151	0.0	60.2	90.2#



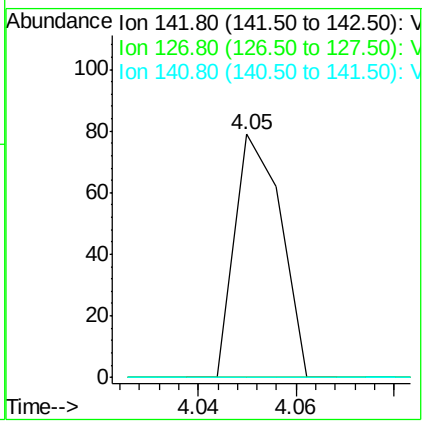


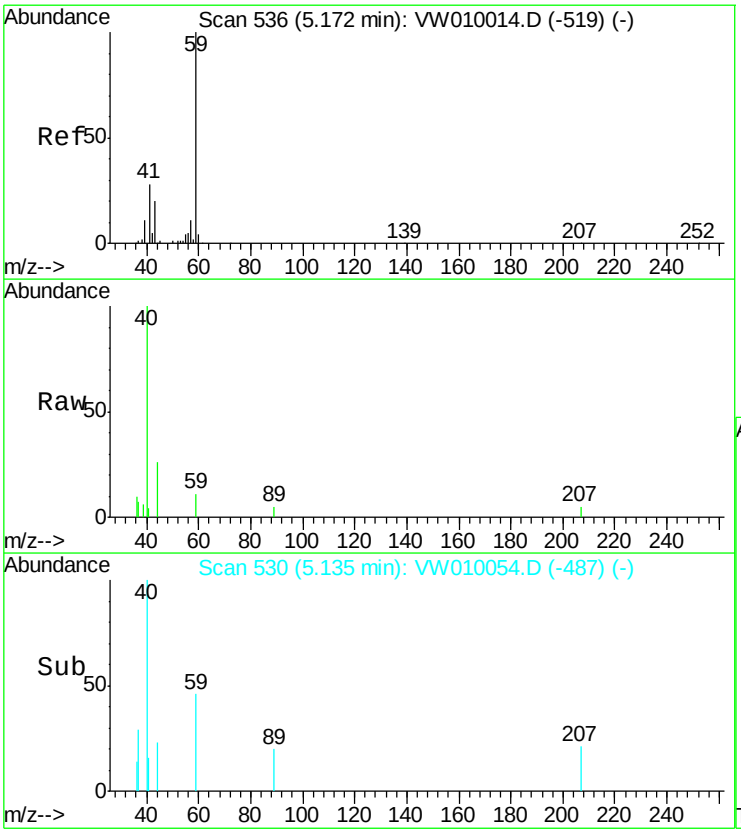
#10
Methyl Iodide
Concen: 2.595 ug/l
RT: 4.05 min Scan# 352
Delta R.T. -0.22 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:142 Resp: 52

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.1	57.1#
141	0.0	12.2	18.2#

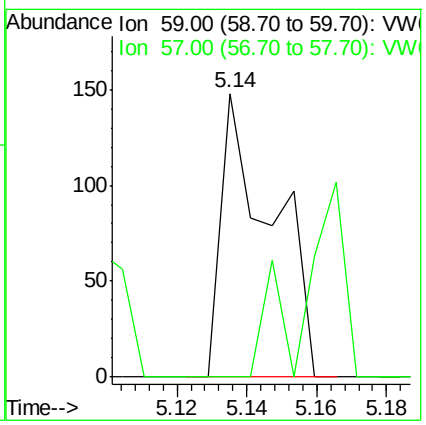


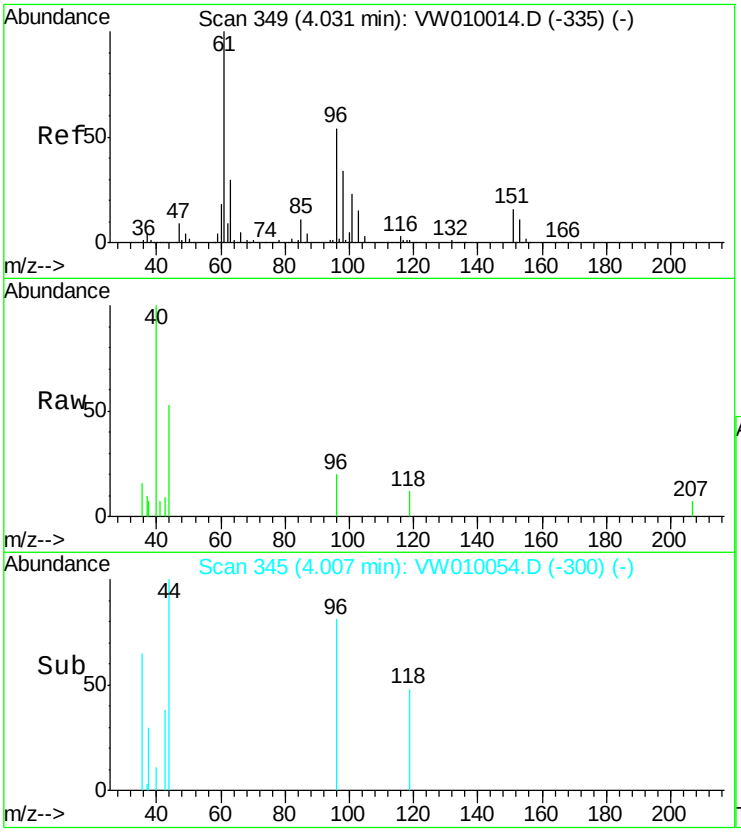


#11
Tert butyl alcohol
Concen: 150.761 ug/l
RT: 5.14 min Scan# 530
Delta R.T. -0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 59 Resp: 149

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



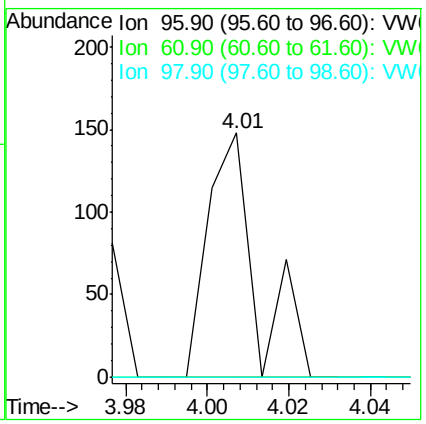


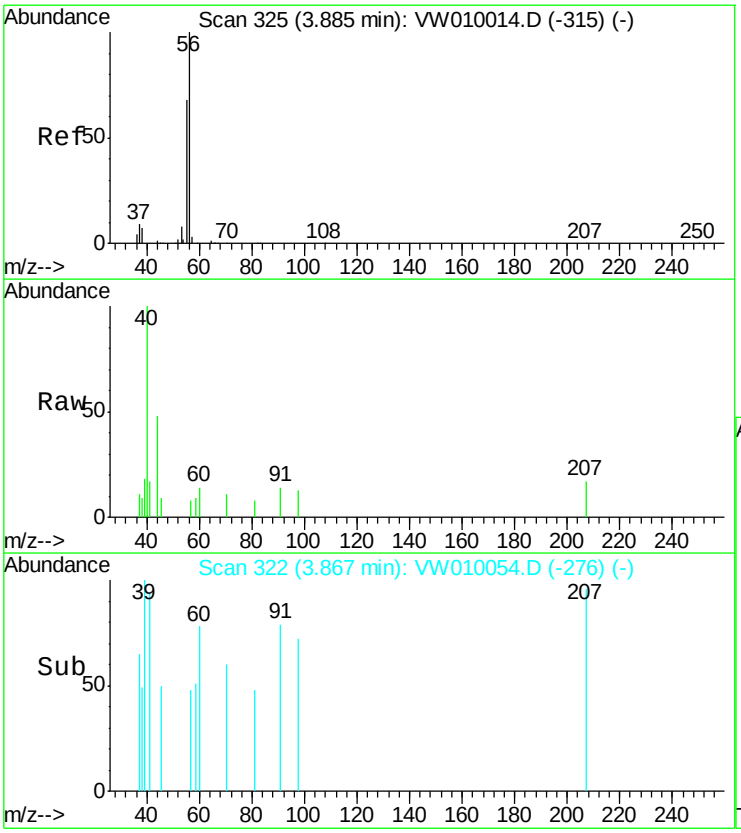
#12
1,1-Dichloroethene
Concen: 8.777 ug/l
RT: 4.01 min Scan# 345
Delta R.T. -0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 96 Resp: 122

Ion	Ratio	Lower	Upper
96	100		
61	0.0	147.4	221.2#
98	0.0	49.7	74.5#

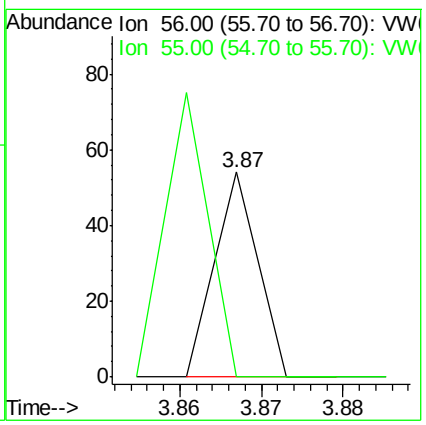


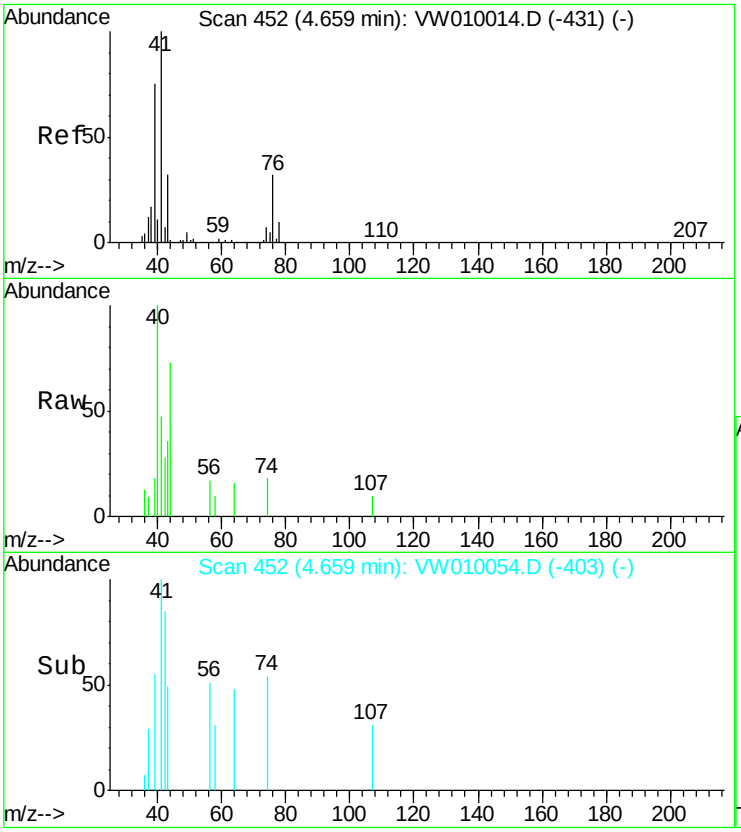


#13
Acrolein
Concen: 19.236 ug/l
RT: 3.87 min Scan# 322
Delta R.T. -0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	135.0	54.2	81.2#



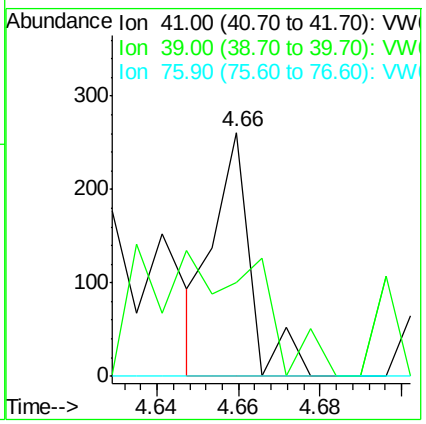


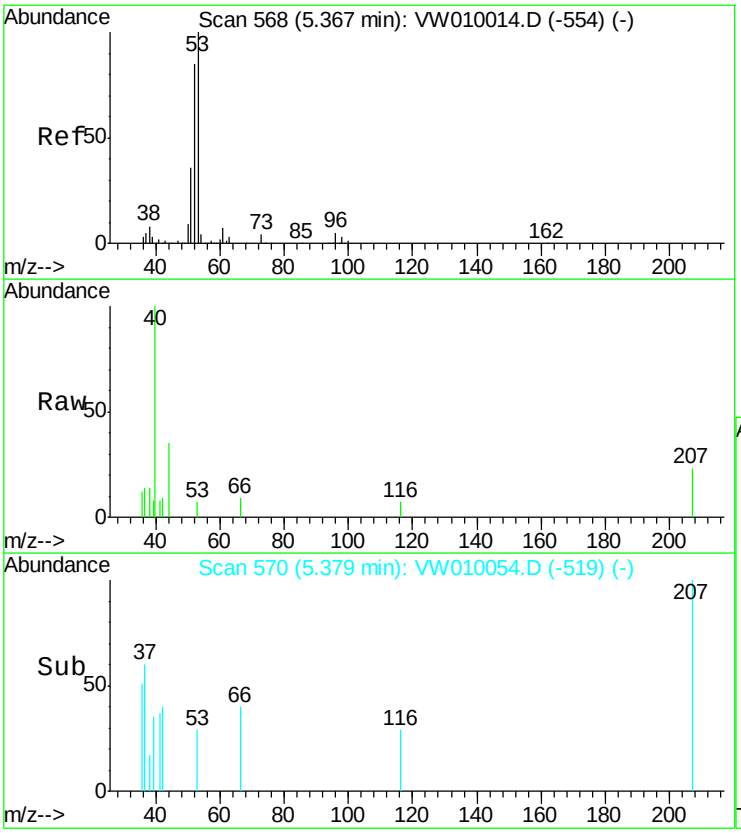
#14
Allvl chloride
Concen: 6.677 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 41 Resp: 165

Ion	Ratio	Lower	Upper
41	100		
39	0.0	60.2	90.4#
76	0.0	25.0	37.6#

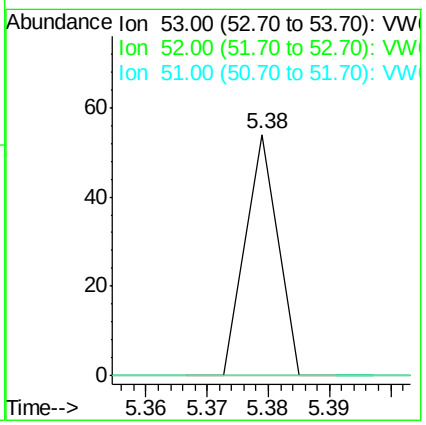


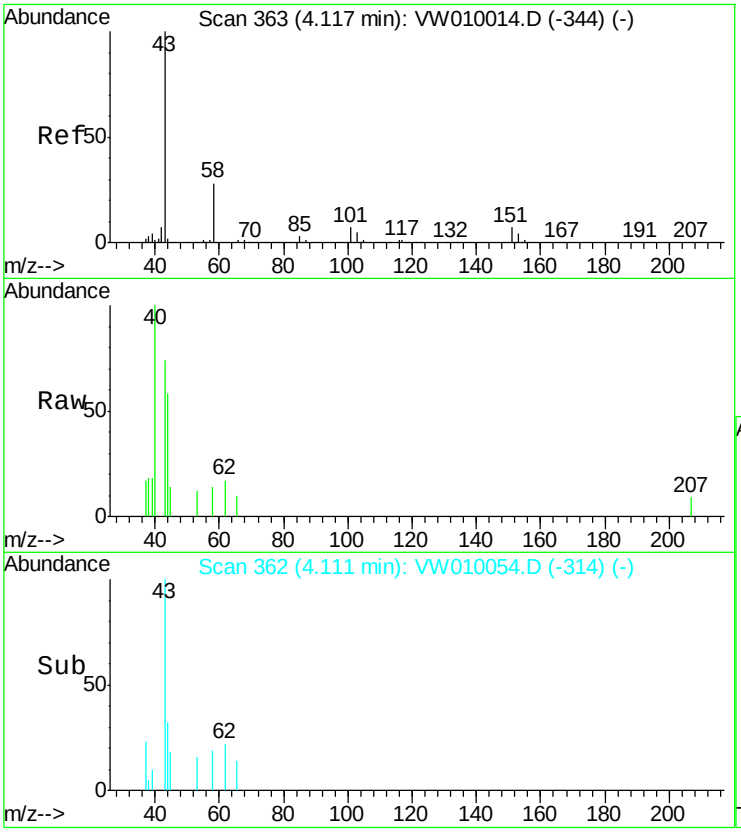


#15
Acrylonitrile
Concen: 5.422 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 53 Resp: 20

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	100.0#
51	0.0	30.3	45.5#



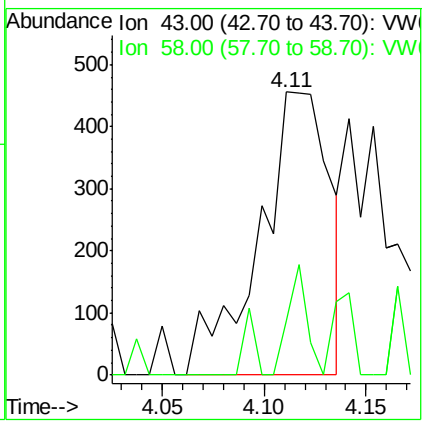


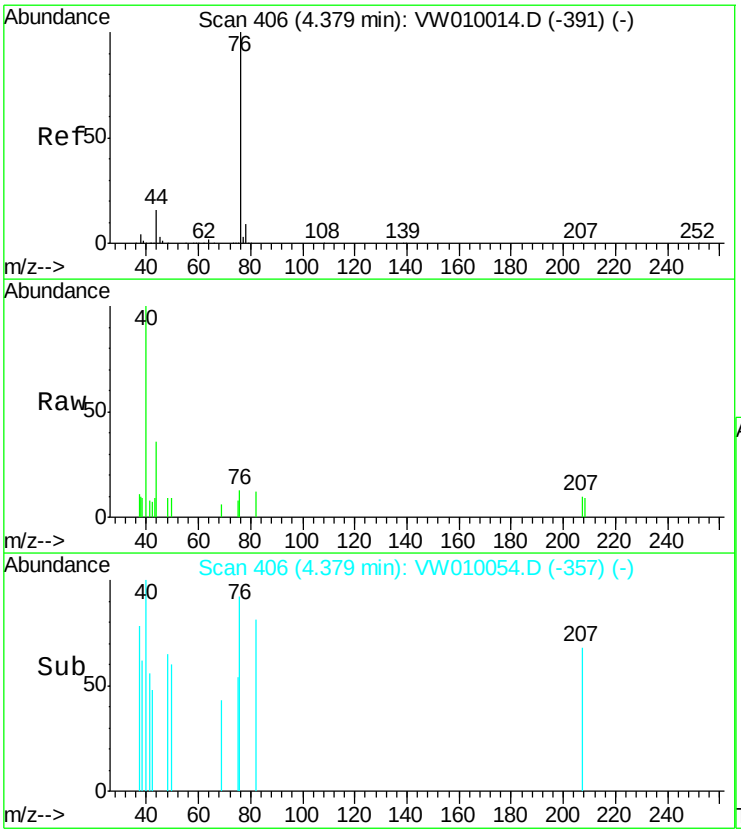
#16
Acetone
Concen: 271.254 ug/l
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 43 Resp: 1092

Ion	Ratio	Lower	Upper
43	100		
58	19.3	22.7	34.1#

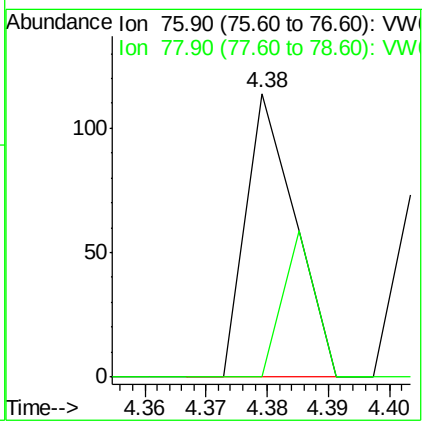


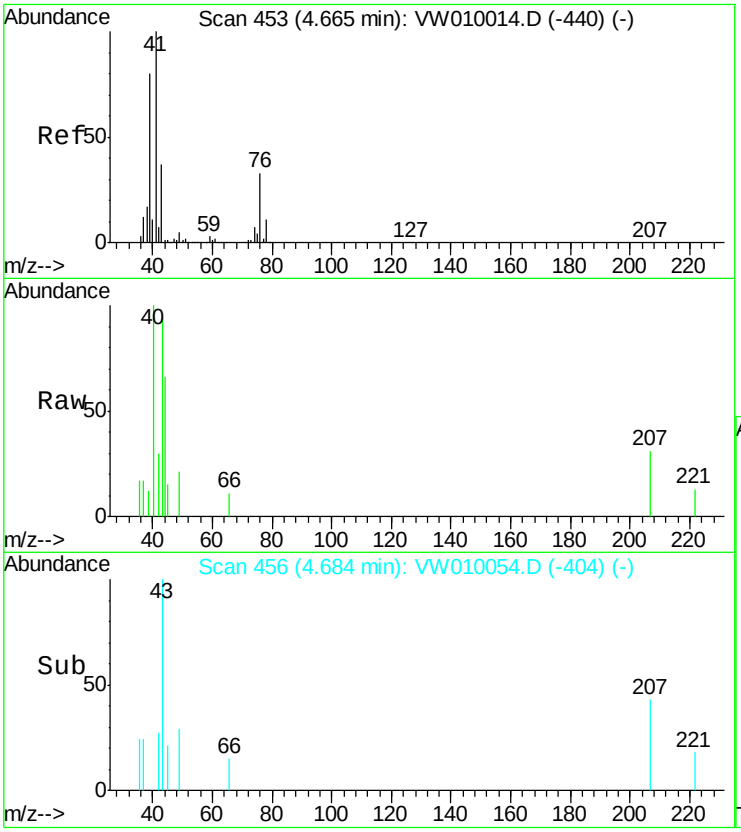


#17
Carbon Disulfide
Concen: 2.804 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 76 Resp: 63

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#



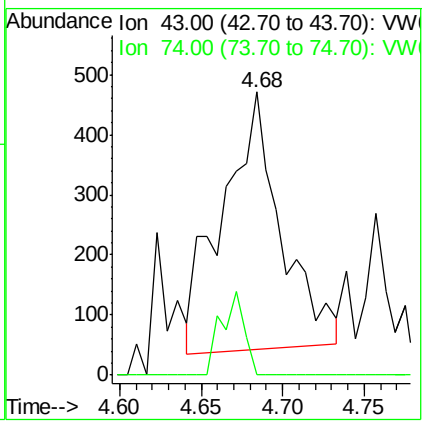


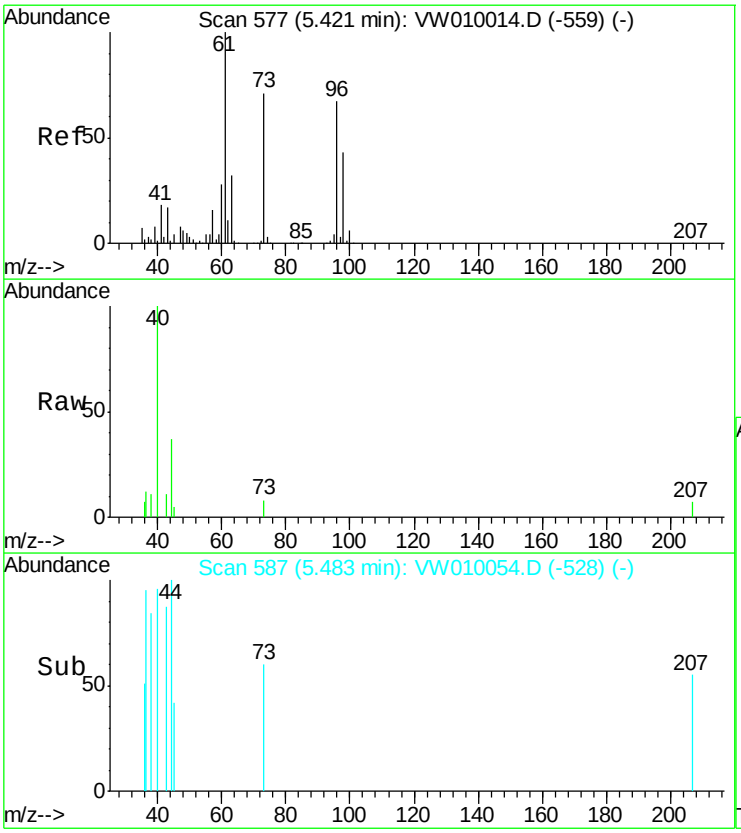
#18
Methyl Acetate
Concen: 115.271 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-A

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
74	12.8	16.8	25.2#

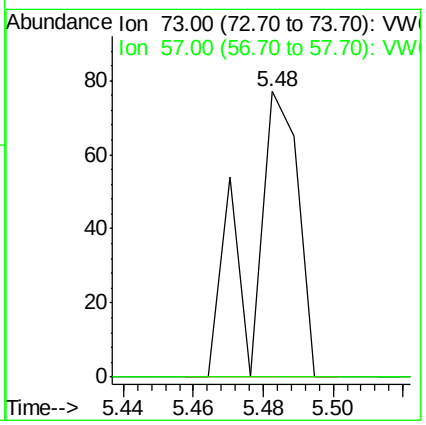


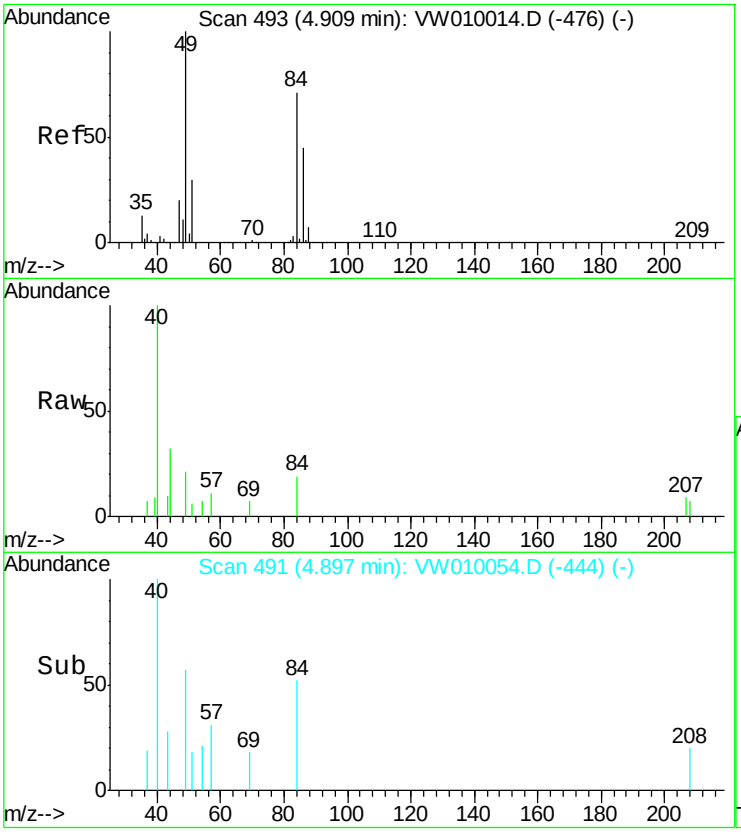


#19
Methyl tert-butyl Ether
Concen: 3.988 ug/l
RT: 5.48 min Scan# 587
Delta R.T. 0.06 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 73 Resp: 72

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.5	27.7#



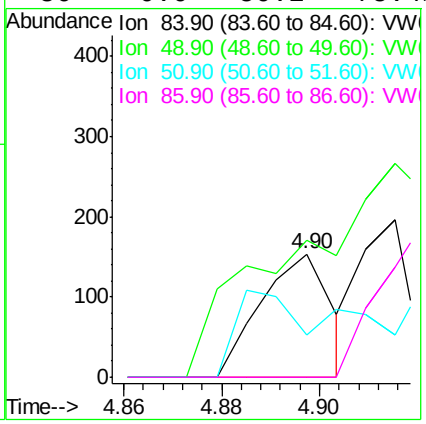


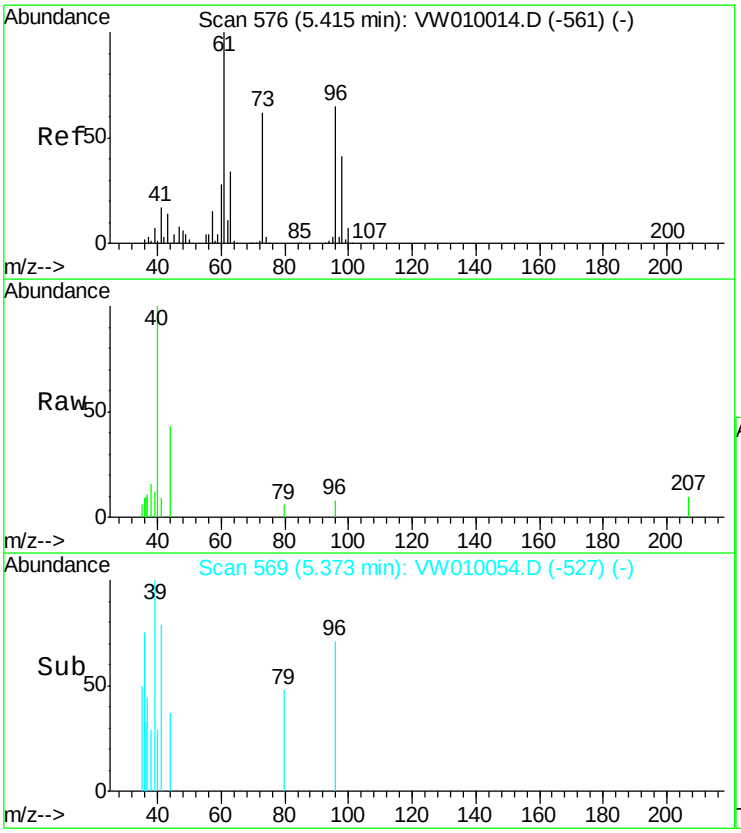
#20
Methylene Chloride
Concen: 6.055 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 84 Resp: 154

Ion	Ratio	Lower	Upper
84	100		
49	110.4	112.3	168.5#
51	33.8	33.9	50.9#
86	0.0	50.2	75.4#

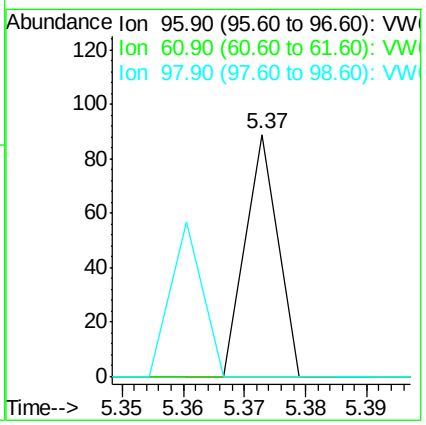


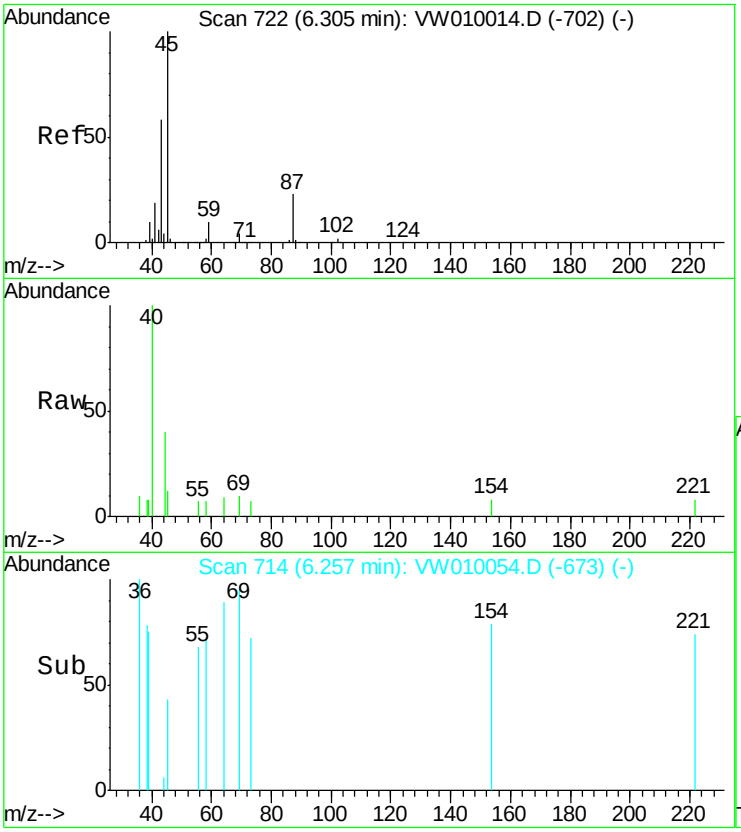


#21
trans-1,2-Dichloroethene
Concen: 2.192 ug/l
RT: 5.37 min Scan# 569
Delta R.T. -0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 96 Resp: 33

Ion	Ratio	Lower	Upper
96	100		
61	0.0	122.3	183.5#
98	0.0	50.5	75.7#



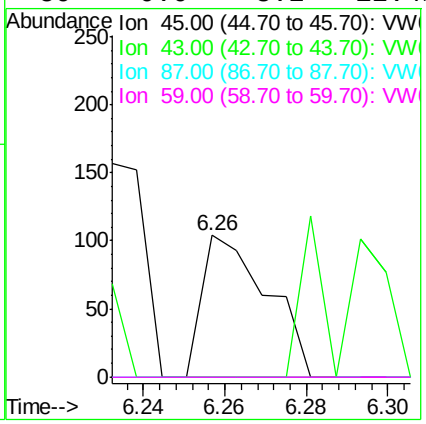


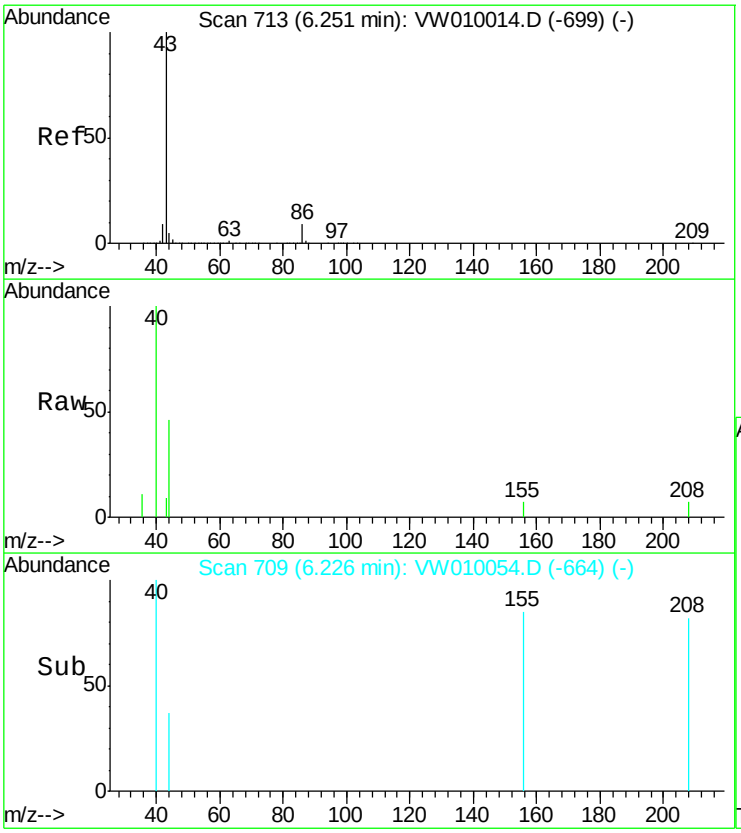
#22
Diisopropyl ether
Concen: 2.314 ug/l
RT: 6.26 min Scan# 714
Delta R.T. -0.05 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 45 Resp: 116

Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.1	69.1#
87	0.0	18.3	27.5#
59	0.0	8.2	12.4#

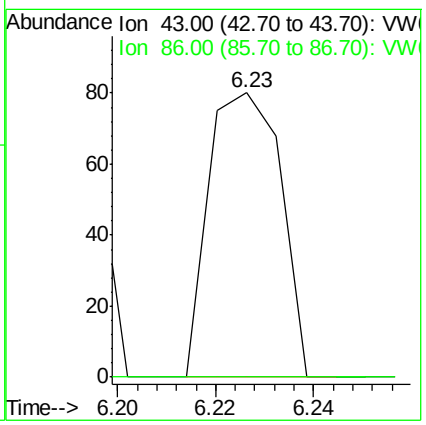


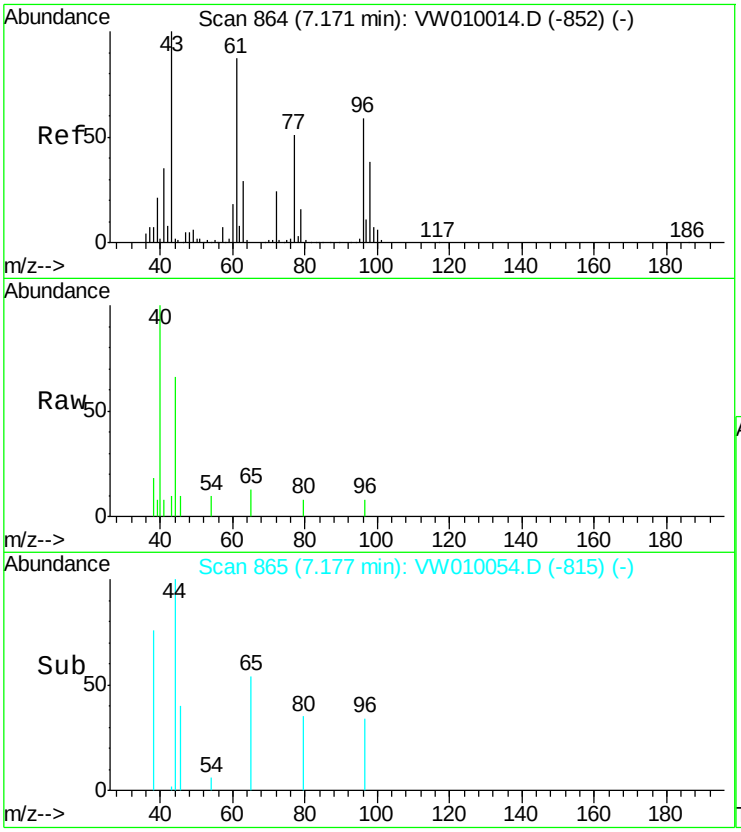


#23
Vinyl Acetate
Concen: 2.599 ug/l
RT: 6.23 min Scan# 709
Delta R.T. -0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.6#



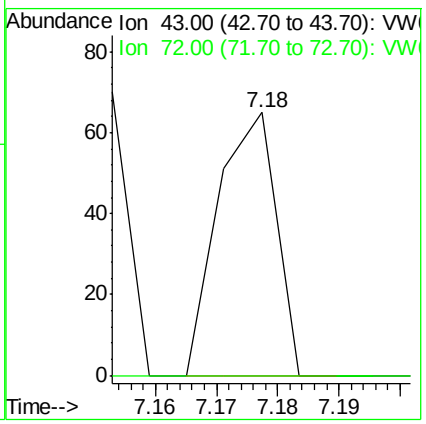


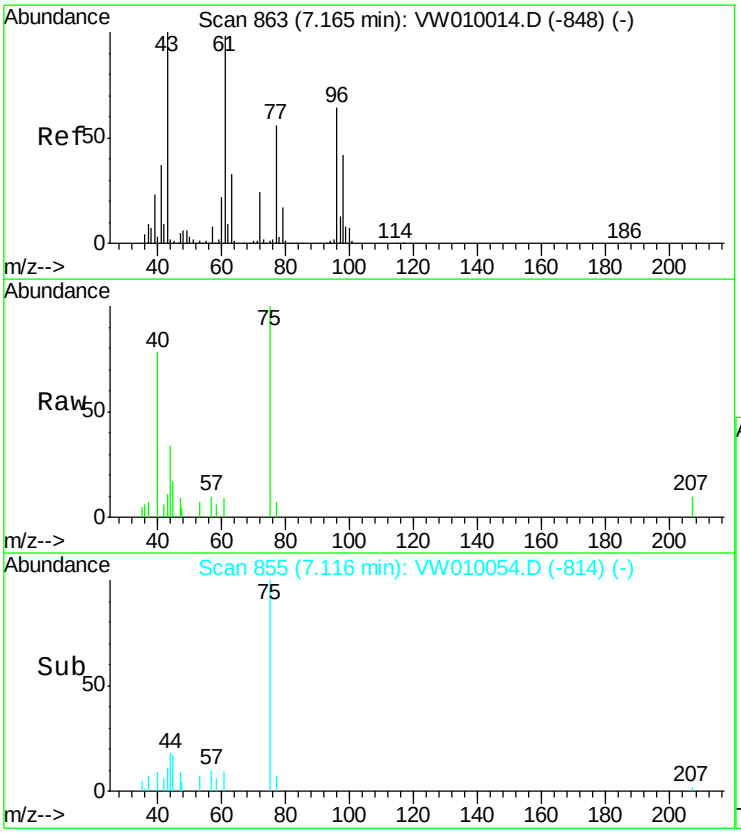
#25
2-Butanone
Concen: 7.942 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.1	28.7#

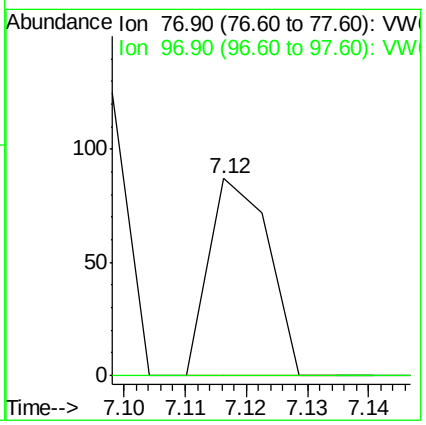


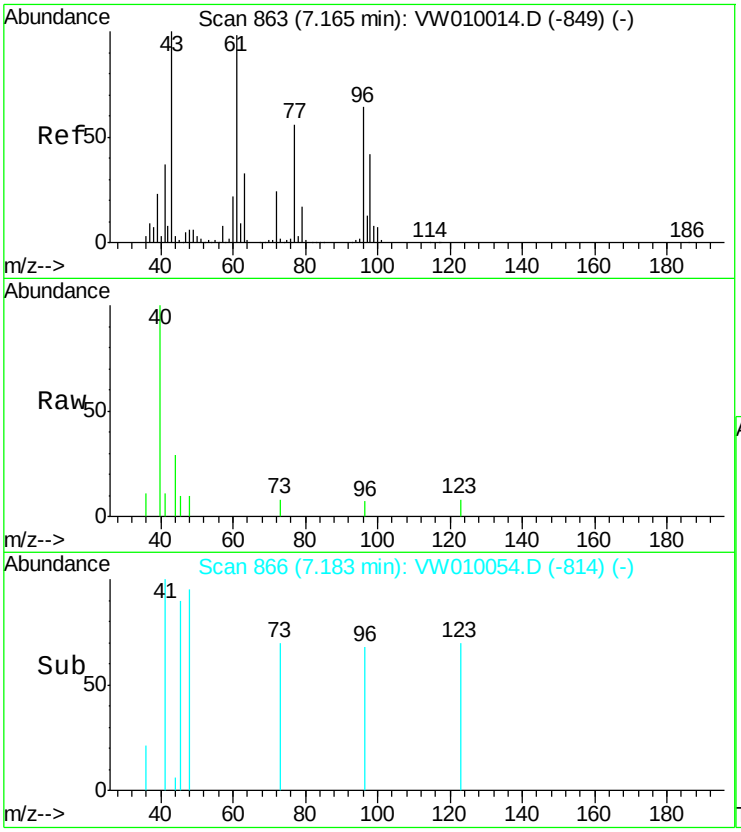


#26
2,2-Dichloropropane
Concen: 3.499 ug/l
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 77 Resp: 58

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.3	33.9#



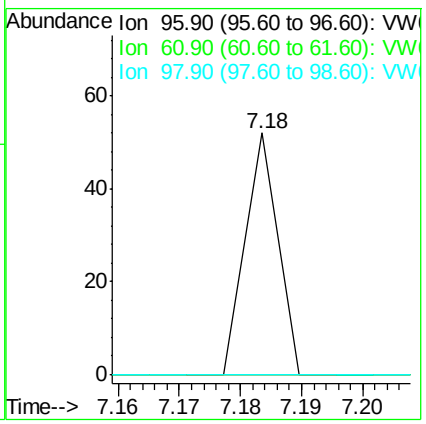


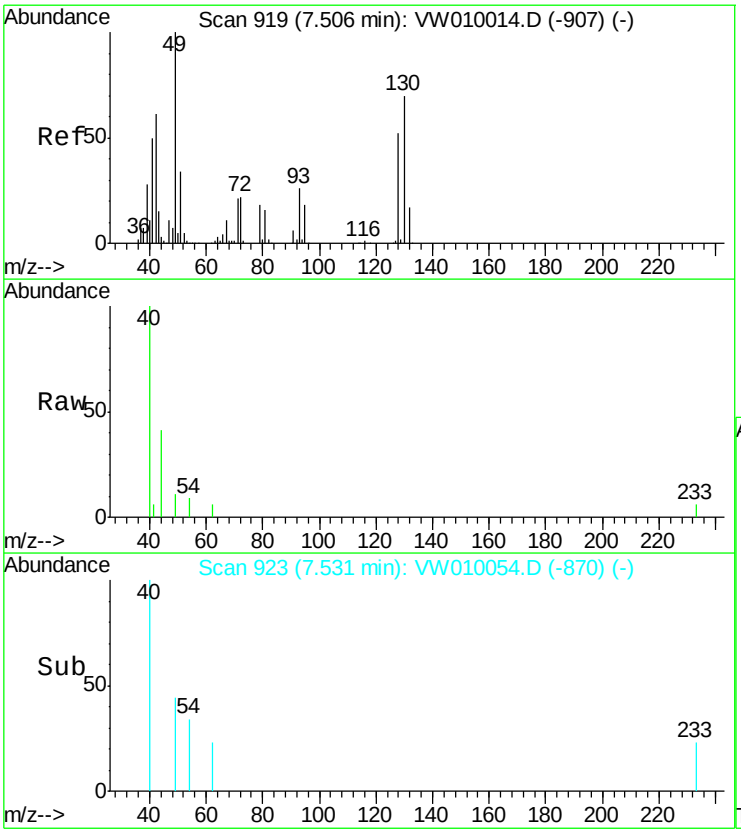
#27
cis-1,2-Dichloroethene
Concen: 1.148 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-A

Tgt Ion: 96 Resp: 19

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	309.4
98	0.0	0.0	128.6

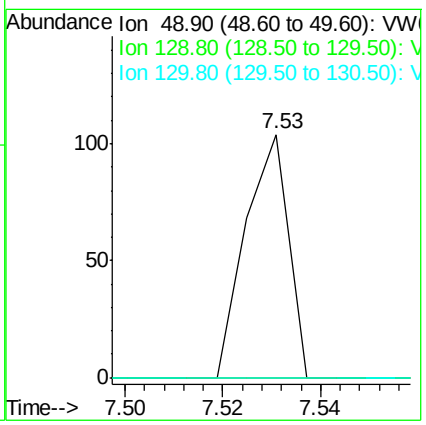


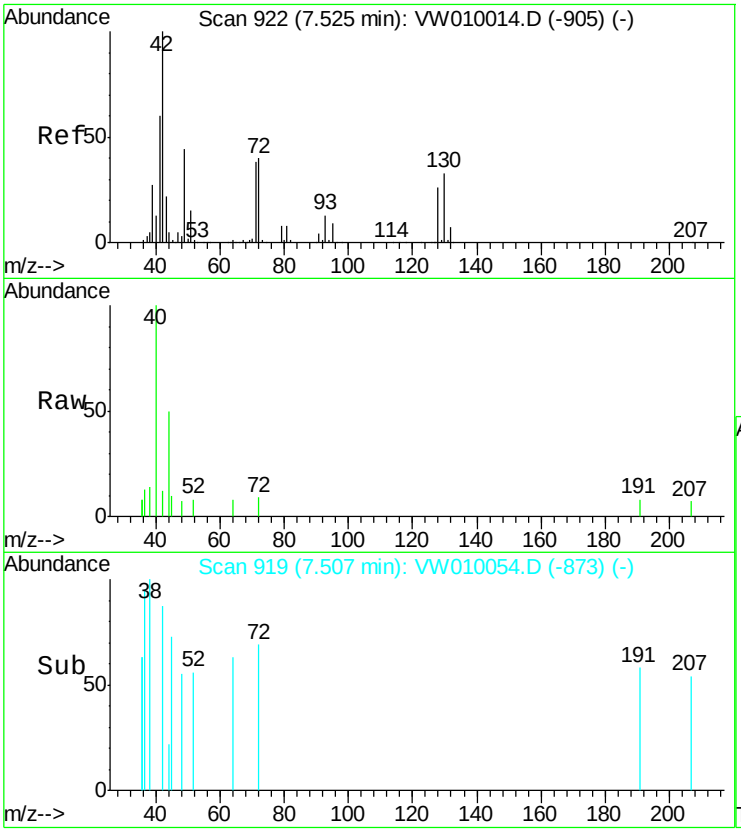


#28
Bromochloromethane
Concen: 5.145 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 49 Resp: 63

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	54.6	82.0#



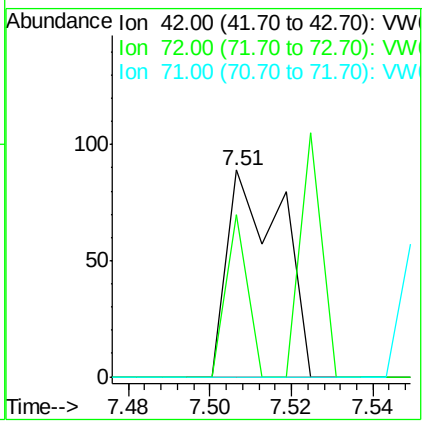


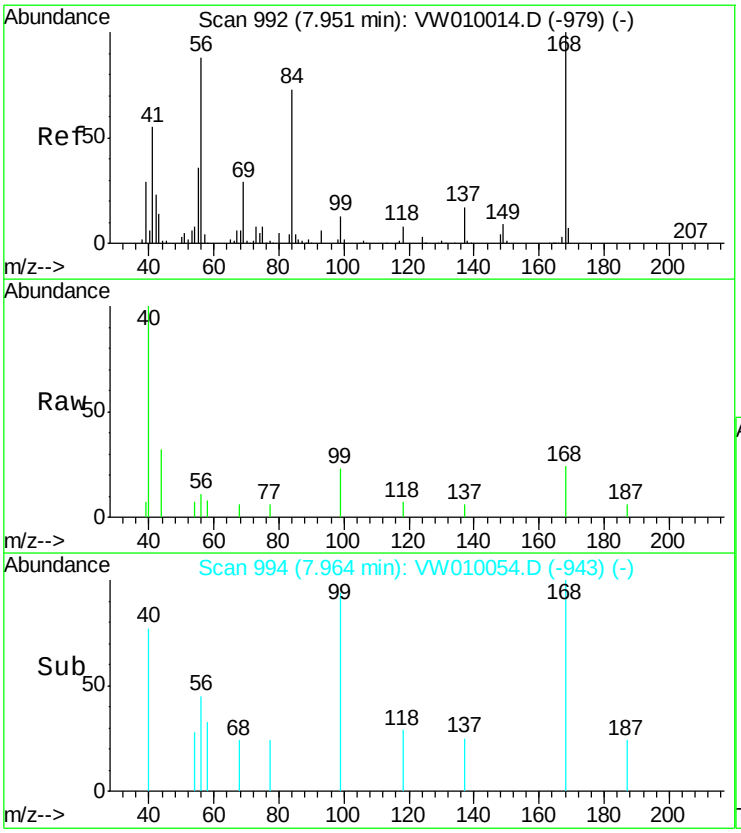
#29
Tetrahydrofuran
Concen: 24.770 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 42 Resp: 83

Ion	Ratio	Lower	Upper
42	100		
72	31.3	31.0	46.6
71	0.0	29.7	44.5#

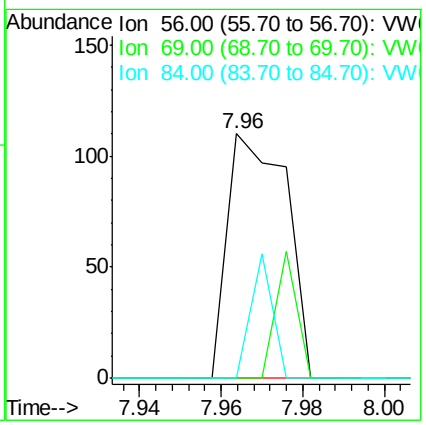


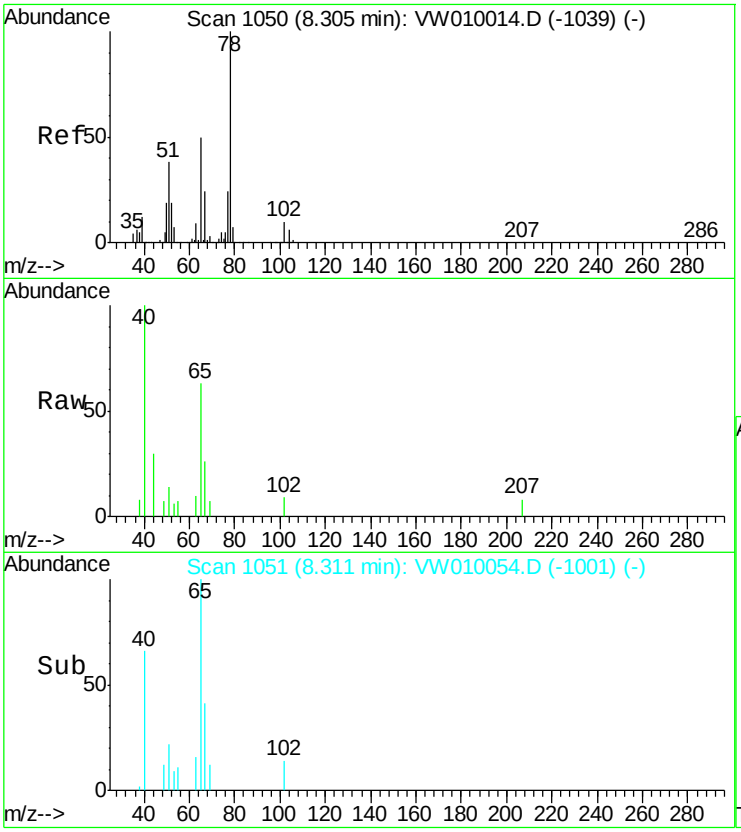


#31
Cyclohexane
Concen: 3.920 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.6	40.0#
84	0.0	66.2	99.2#



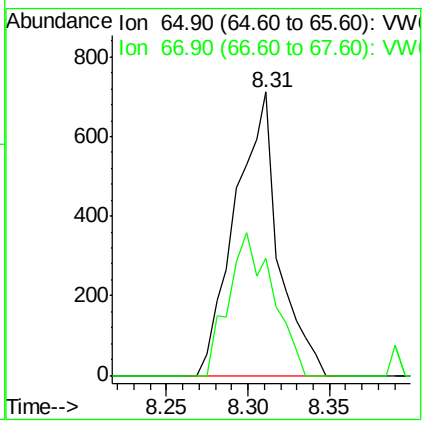


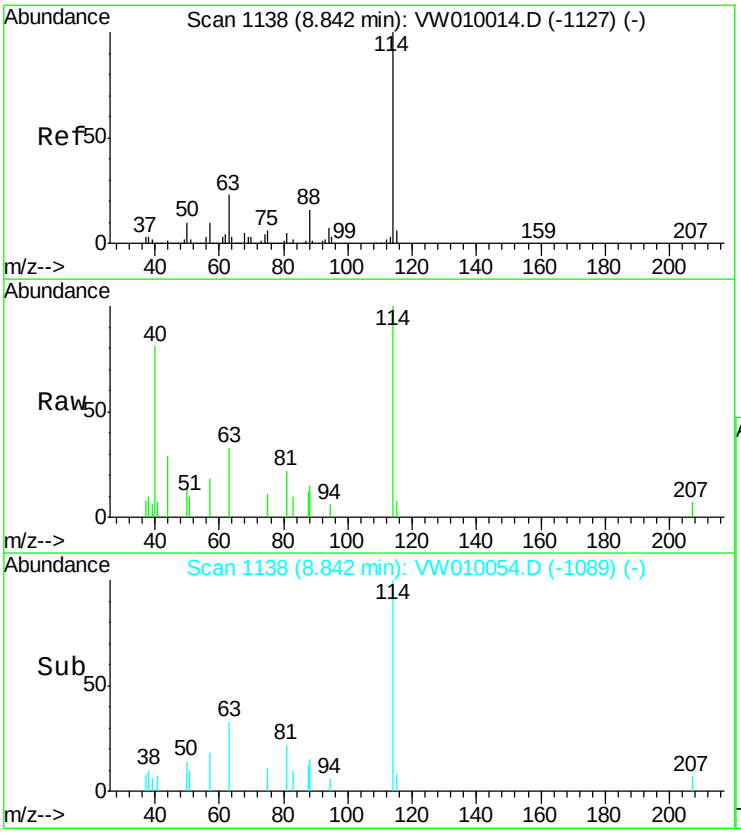
#33
1,2-Dichloroethane-d4
Concen: 75.904 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 65 Resp: 1317

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.8

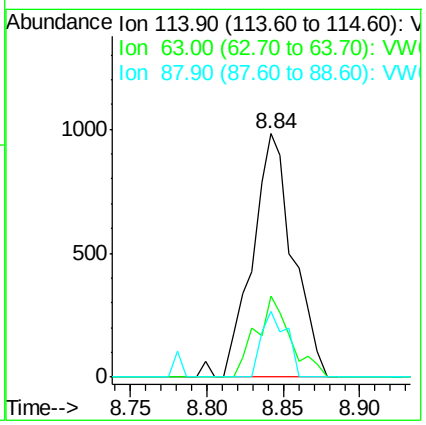


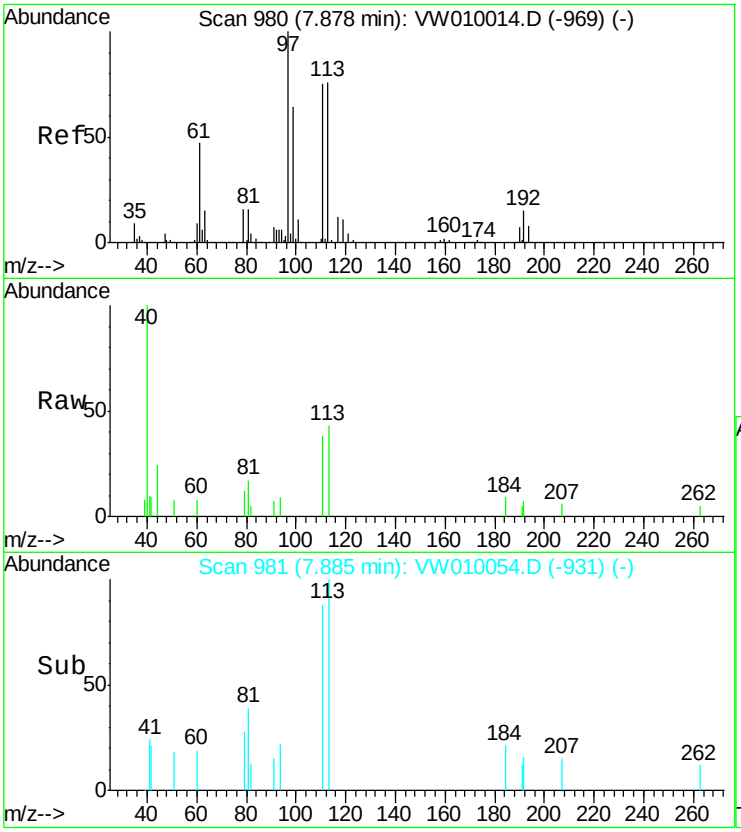


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:114 Resp: 1828

Ion	Ratio	Lower	Upper
114	100		
63	33.2	0.0	46.2
88	27.2	0.0	32.6



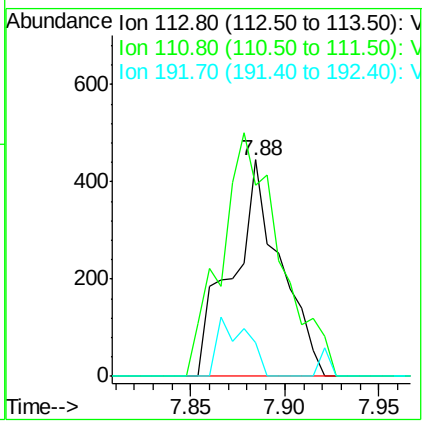


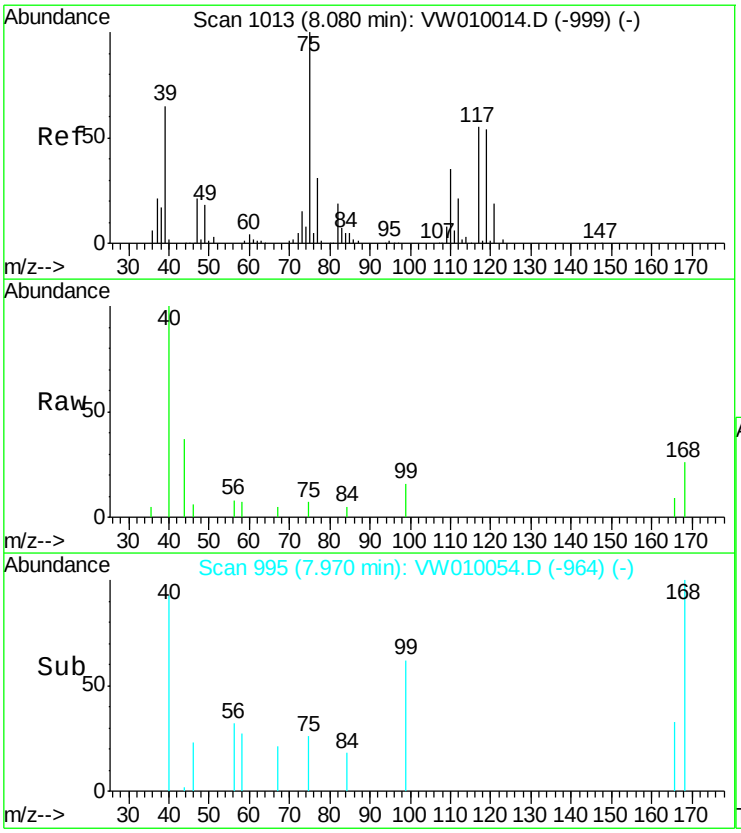
#35
Dibromofluoromethane
Concen: 68.062 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:113 Resp: 791

Ion	Ratio	Lower	Upper
113	100		
111	136.9	82.6	123.8#
192	16.8	15.4	23.2

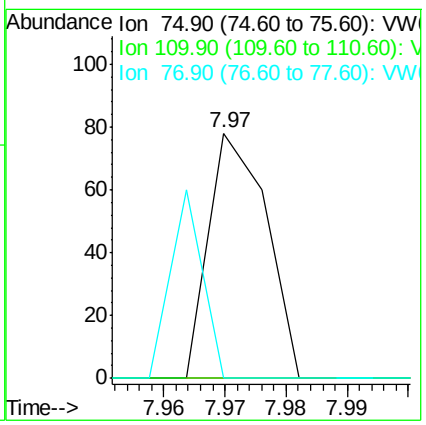


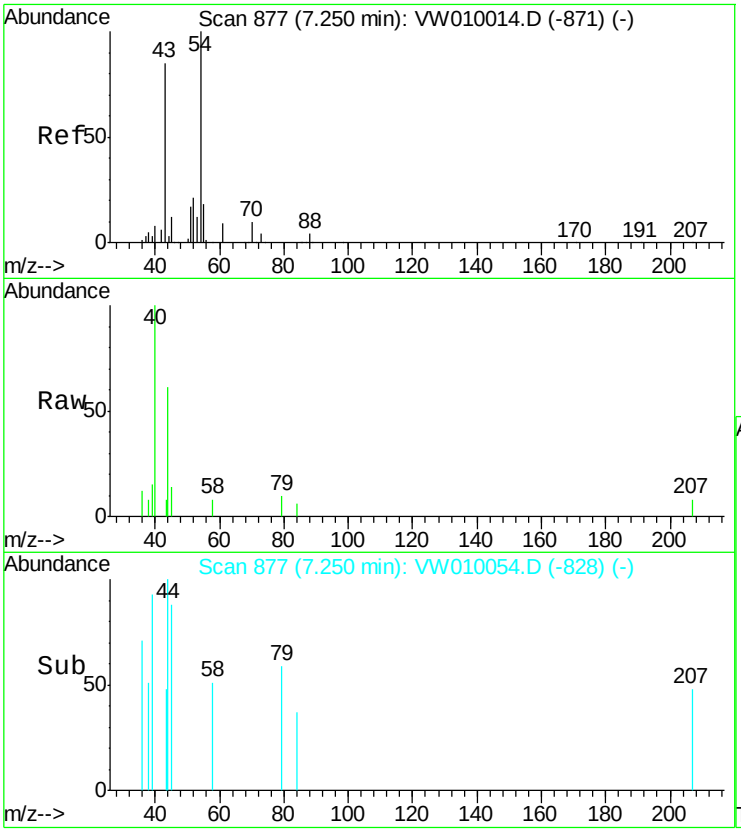


#36
1,1-Dichloropropene
Concen: 2.678 ug/l
RT: 7.97 min Scan# 995
Delta R.T. -0.11 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 75 Resp: 50

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.6	49.8#
77	44.0	24.8	37.2#



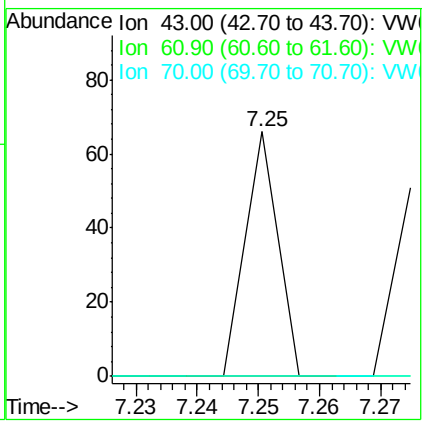


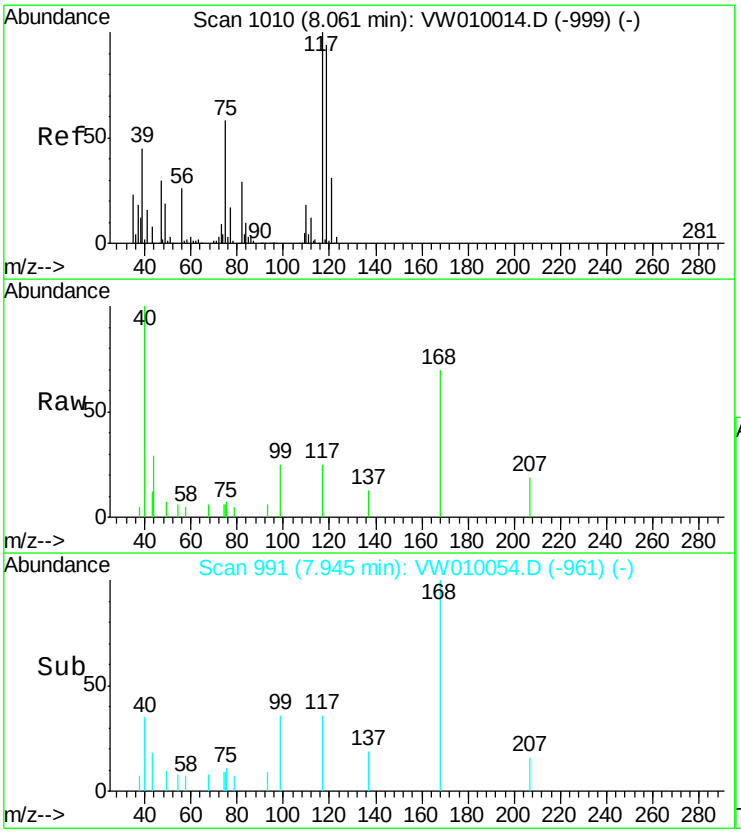
#37
Ethyl Acetate
Concen: 2.529 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	7.4	11.0#

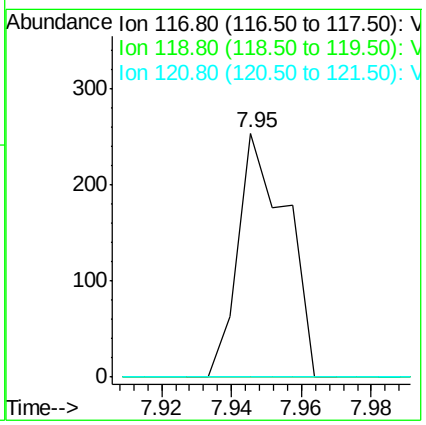


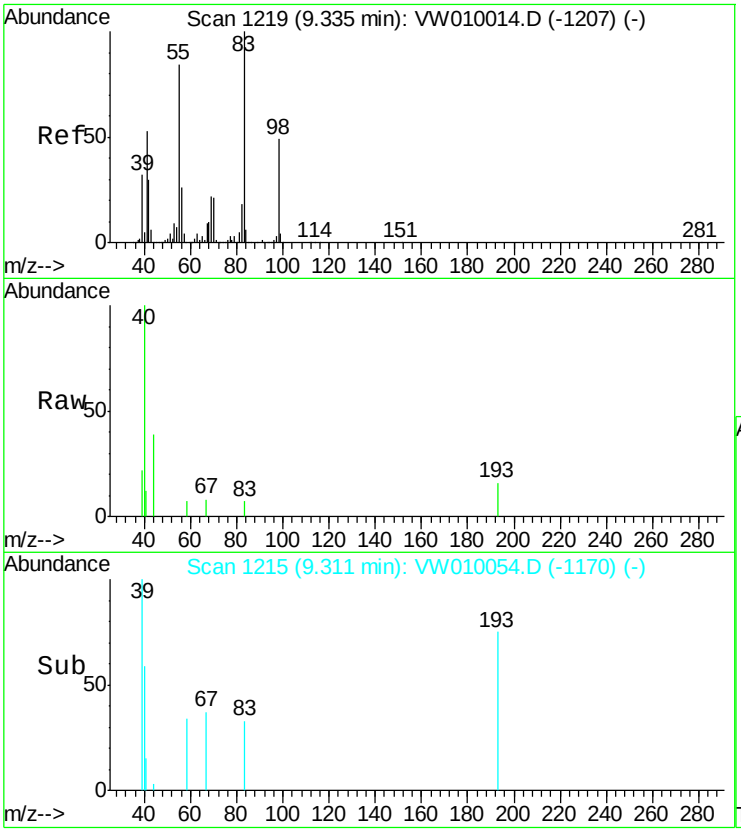


#38
Carbon Tetrachloride
Concen: 13.444 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:117 Resp: 245

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.3	112.9#
121	0.0	24.4	36.6#



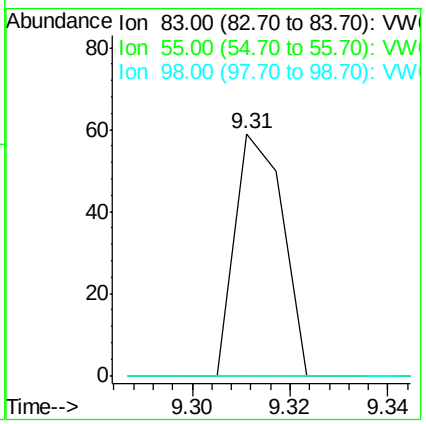


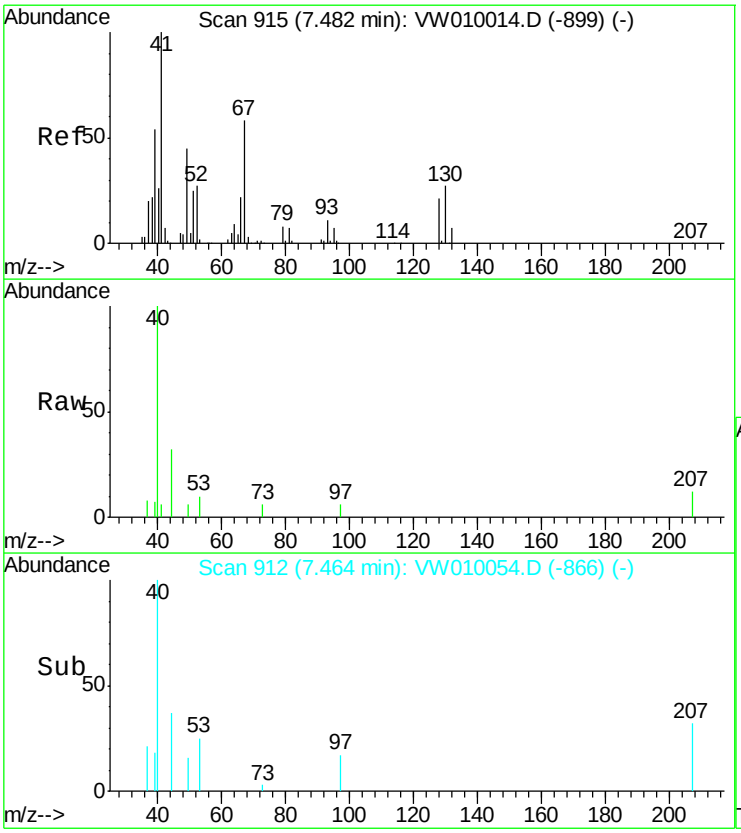
#39
Methylcyclohexane
Concen: 2.916 ug/l
RT: 9.31 min Scan# 1215
Delta R.T. -0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 83 Resp: 40

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.1	100.7#
98	0.0	39.2	58.8#

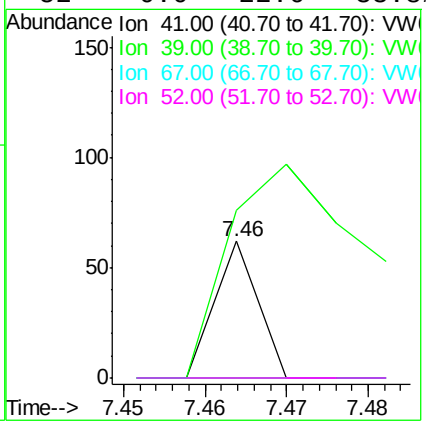


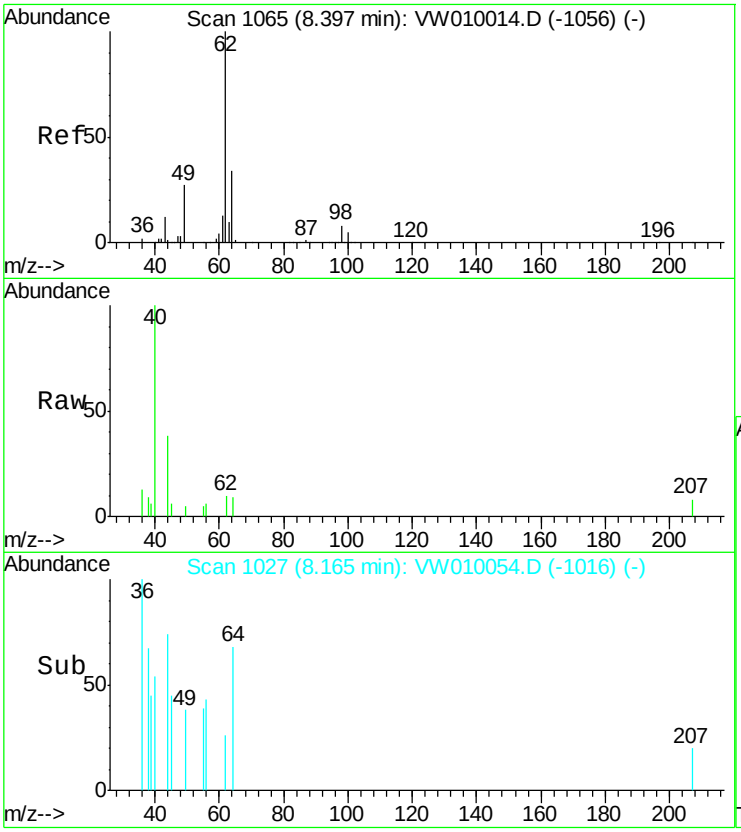


#41
Methacrylonitrile
Concen: 4.253 ug/l
RT: 7.46 min Scan# 912
Delta R.T. -0.02 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 41 Resp: 23

Ion	Ratio	Lower	Upper
41	100		
39	469.6	45.0	67.4#
67	0.0	50.7	76.1#
52	0.0	22.6	33.8#



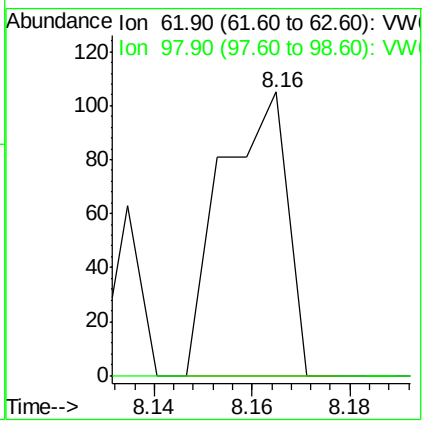


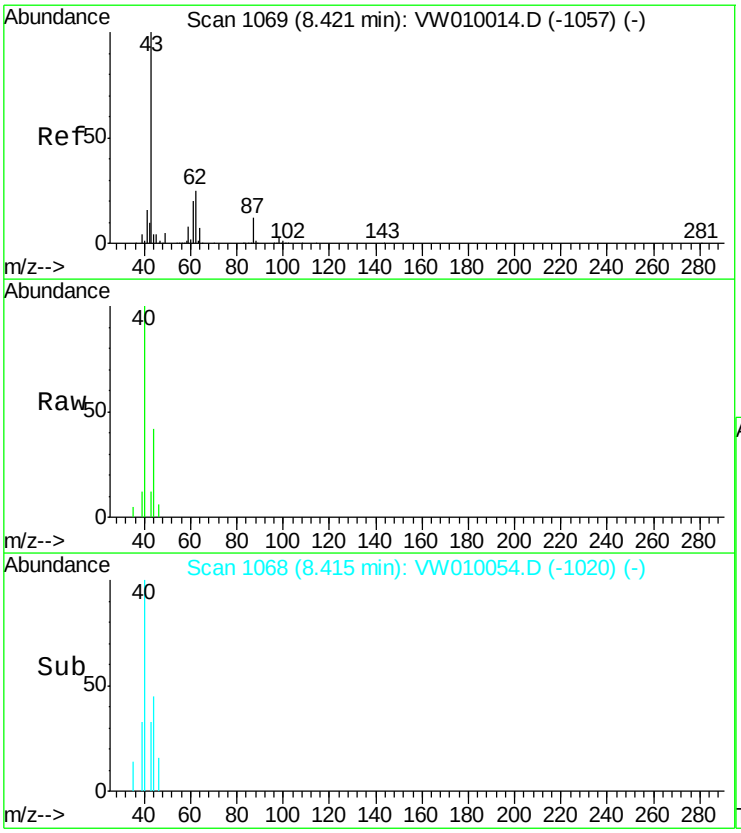
#42
1,2-Dichloroethane
Concen: 5.585 ug/l
RT: 8.16 min Scan# 1027
Delta R.T. -0.23 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-A

Tgt Ion: 62 Resp: 98

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6

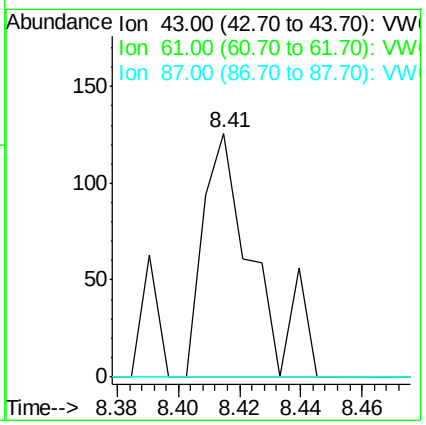


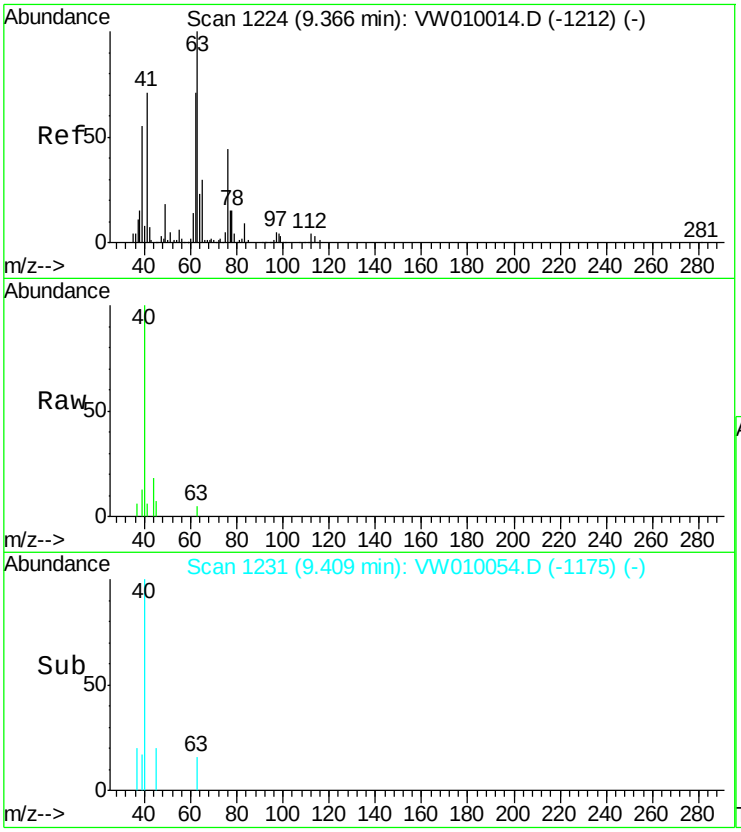


#43
Isopropyl Acetate
Concen: 8.155 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 43 Resp: 145

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.0	34.6#
87	0.0	9.3	13.9#



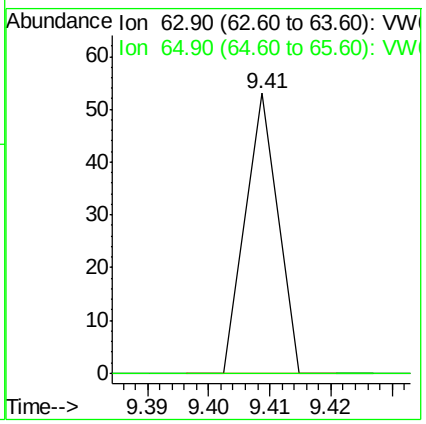


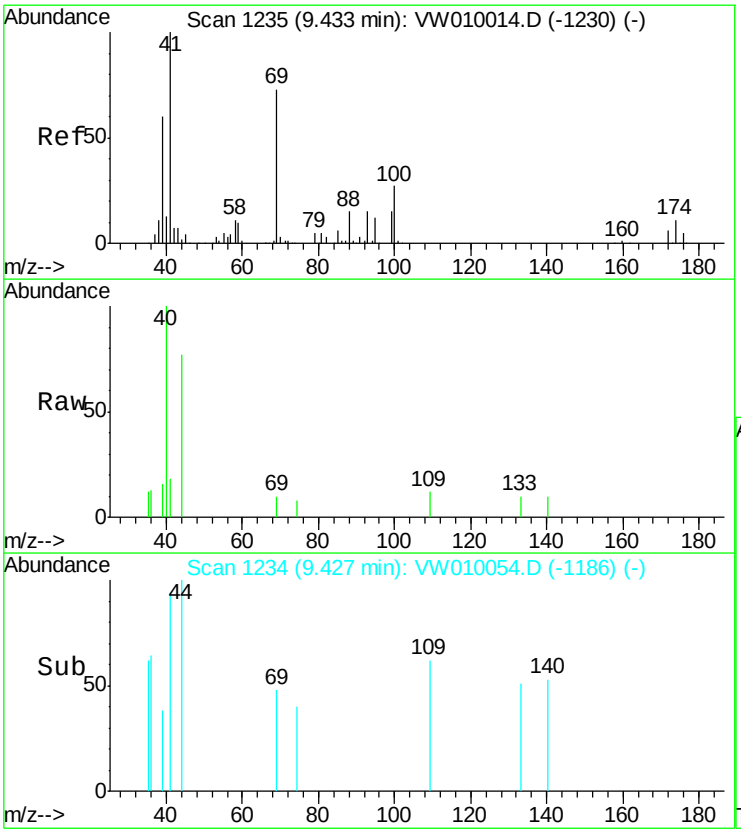
#45
1,2-Dichloropropane
Concen: 1.416 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. 0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.8	35.6#

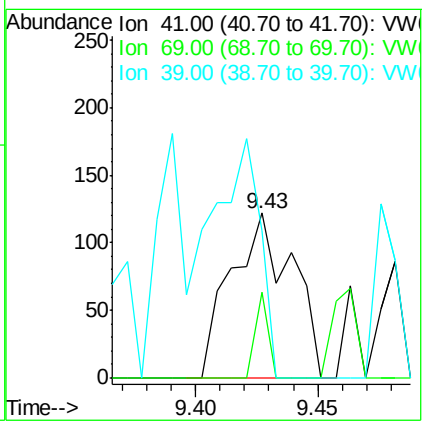


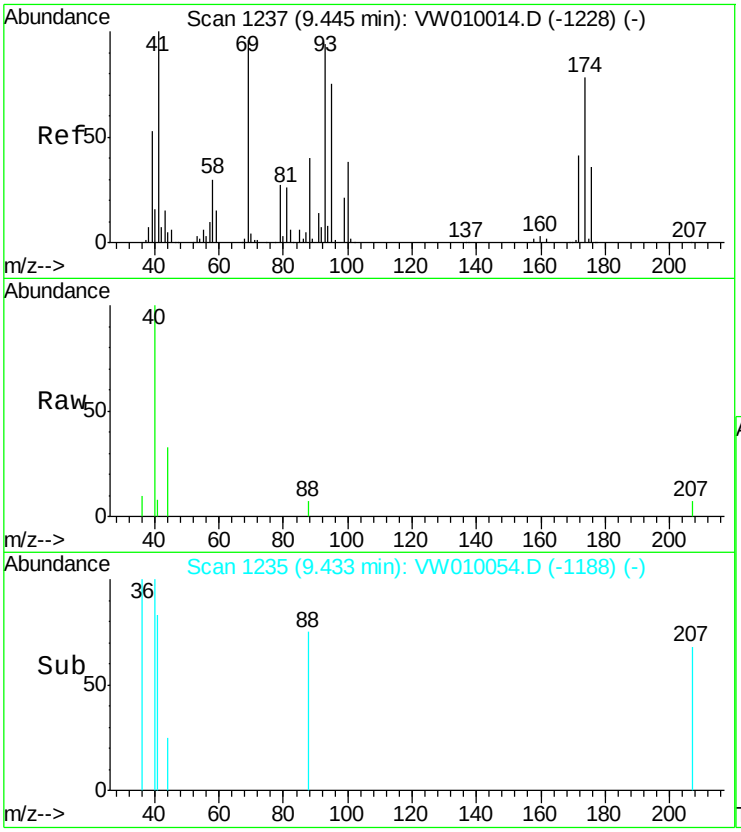


#48
Methyl methacrylate
Concen: 24.494 ug/l
RT: 9.43 min Scan# 1234
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 41 Resp: 212

Ion	Ratio	Lower	Upper
41	100		
69	10.8	60.1	90.1#
39	94.3	51.0	76.6#



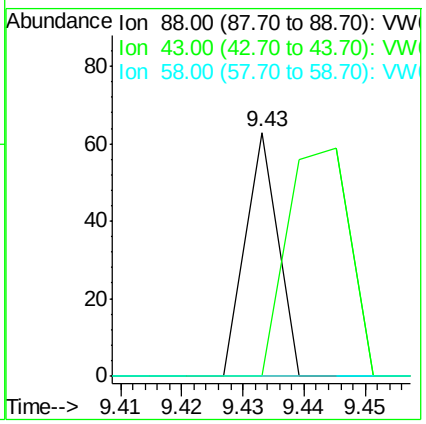


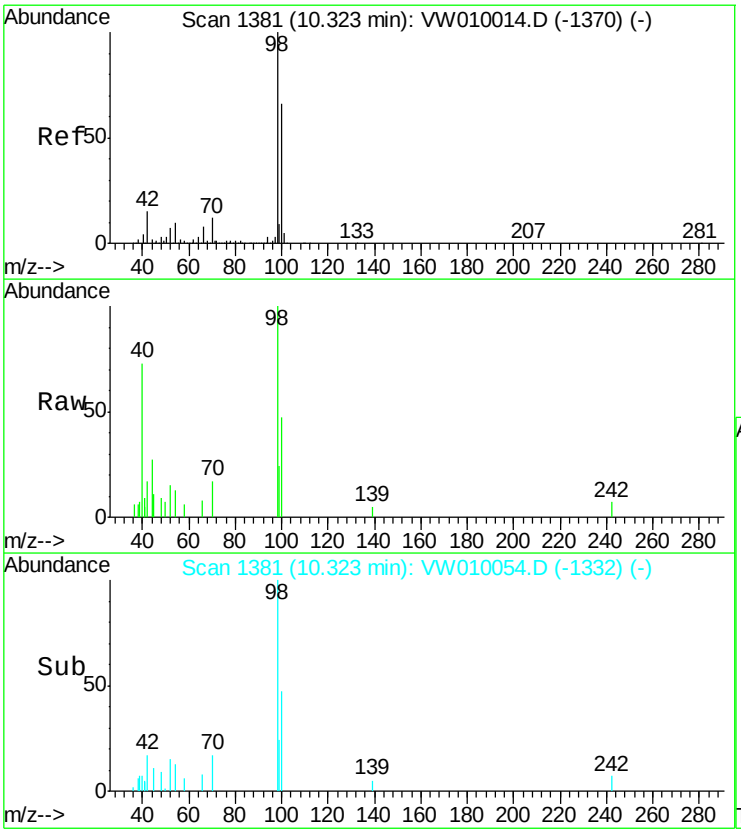
#49
1,4-Dioxane
Concen: 216.408 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	182.6	31.9	47.9#
58	0.0	61.8	92.6#

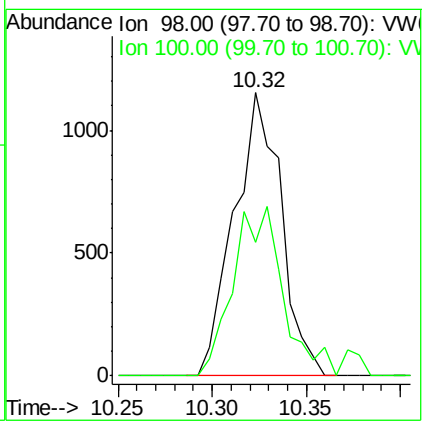


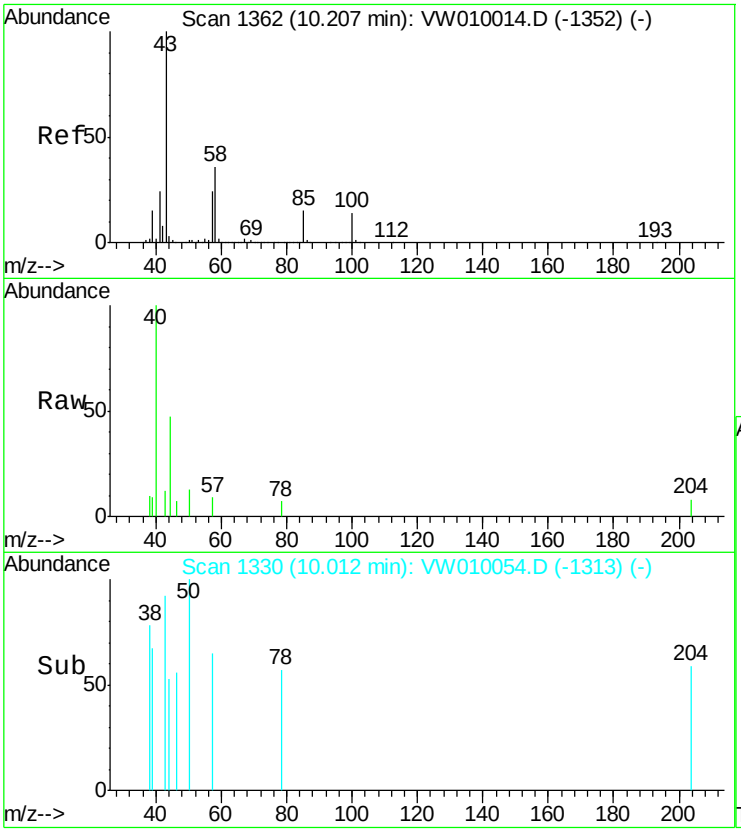


#50
Toluene-d8
Concen: 45.742 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 98 Resp: 1992

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.3	78.5



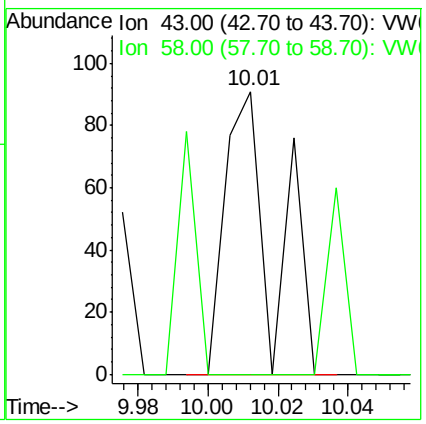


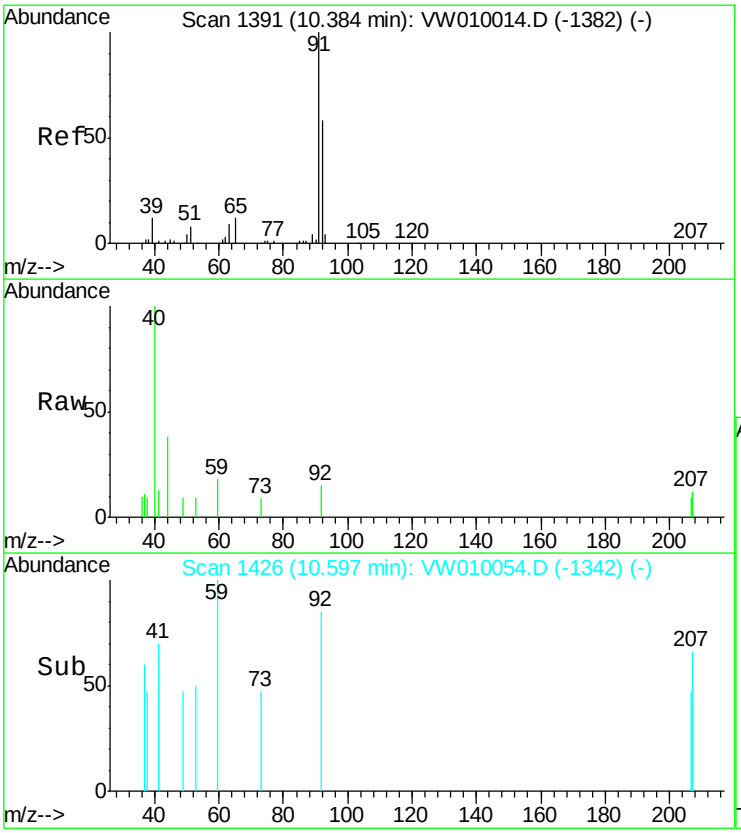
#51
4-Methyl-2-Pentanone
Concen: 9.557 ug/l
RT: 10.01 min Scan# 1330
Delta R.T. -0.20 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 43 Resp: 89

Ion	Ratio	Lower	Upper
43	100		
58	32.6	28.9	43.3

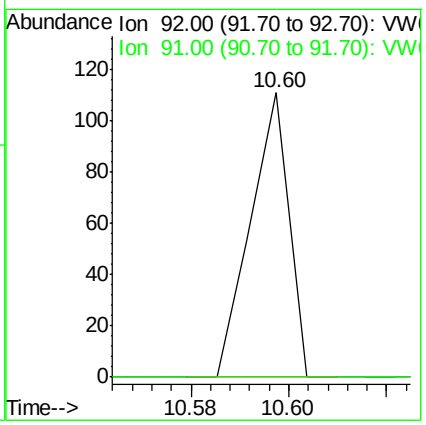


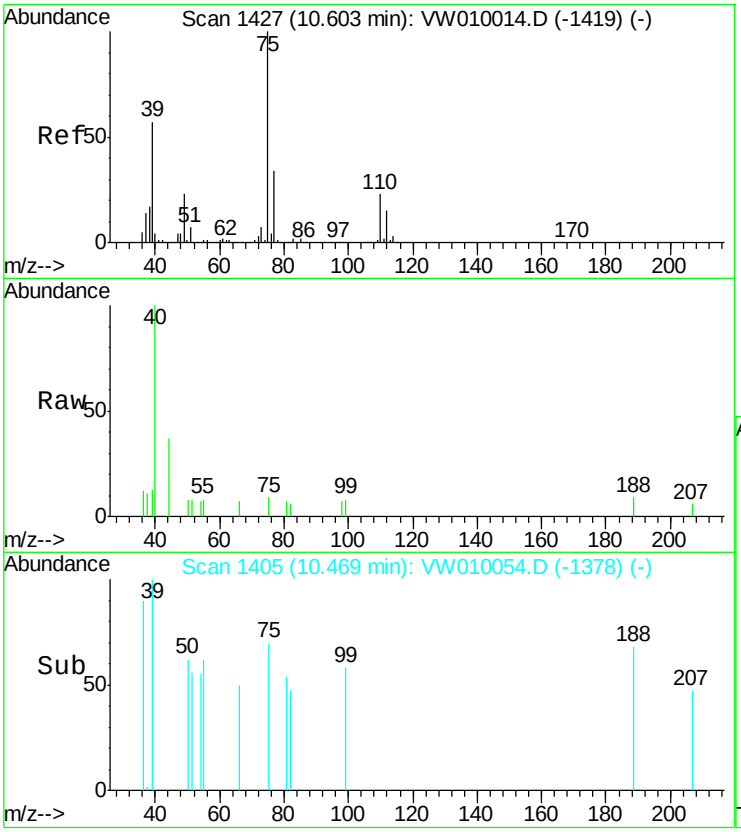


#52
Toluene
Concen: 1.887 ug/l
RT: 10.60 min Scan# 1426
Delta R.T. 0.21 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 92 Resp: 60

Ion	Ratio	Lower	Upper
92	100		
91	0.0	138.5	207.7#



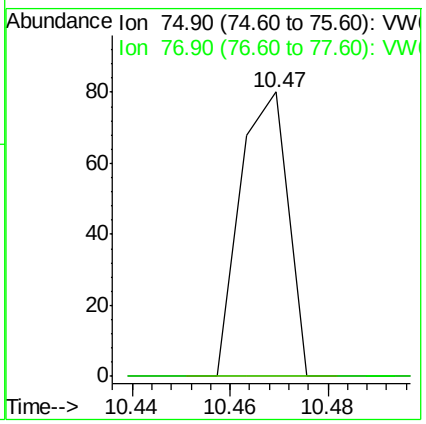


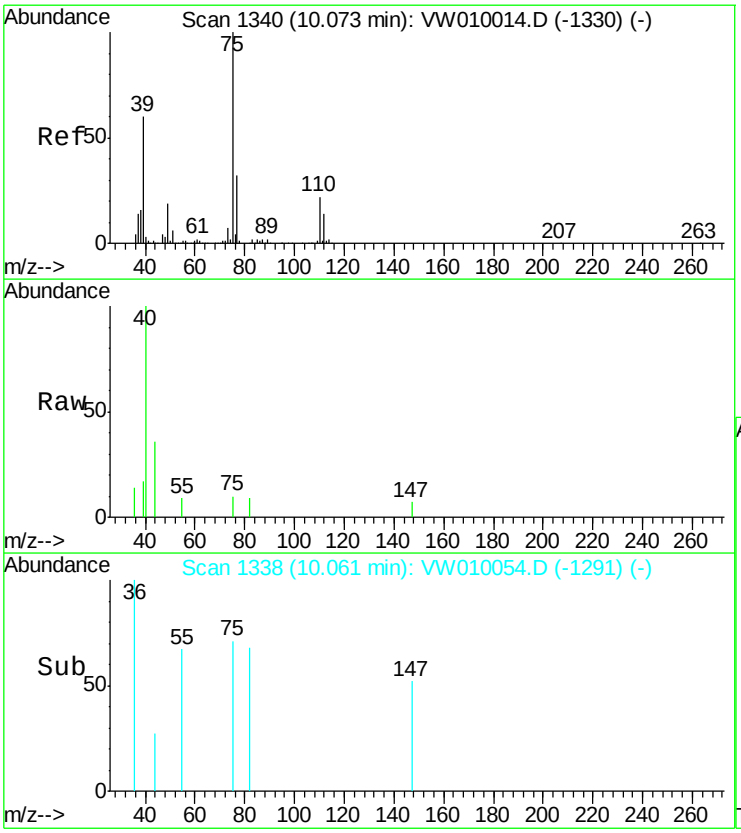
#53
t-1,3-Dichloropropene
Concen: 3.033 ug/l
RT: 10.47 min Scan# 1405
Delta R.T. -0.13 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 75 Resp: 54

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.9	40.3#

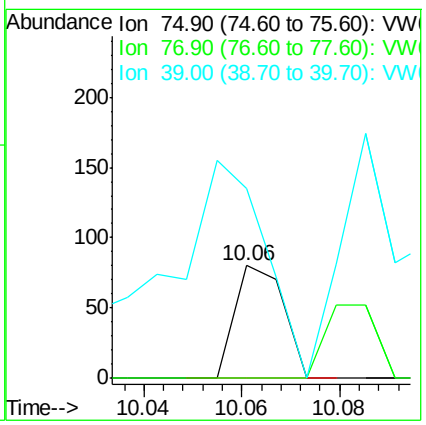


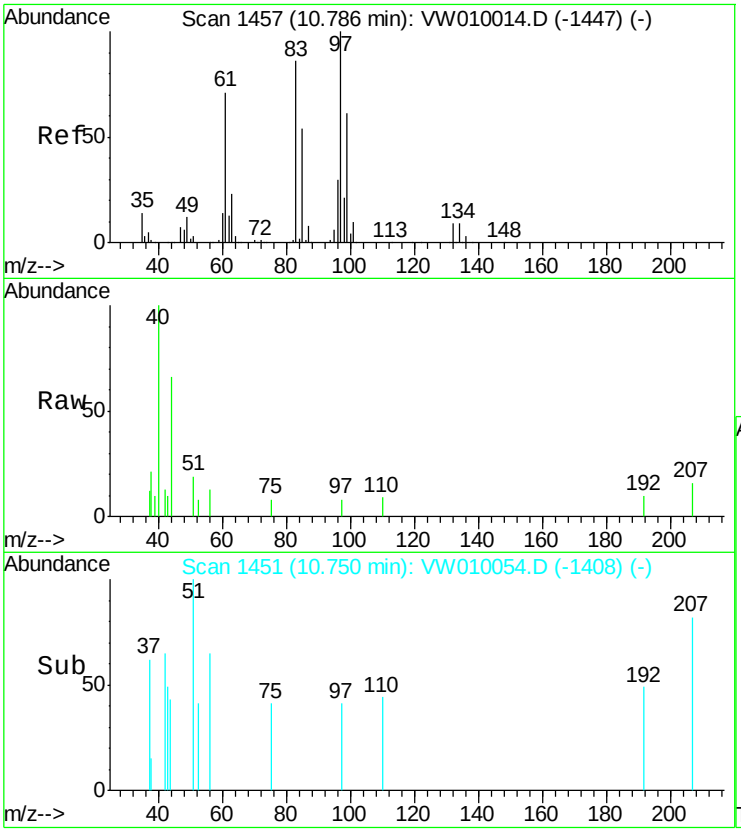


#54
cis-1,3-Dichloropropene
Concen: 2.706 ug/l
RT: 10.06 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 75 Resp: 55

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.6	38.4#
39	81.3	47.8	71.6#



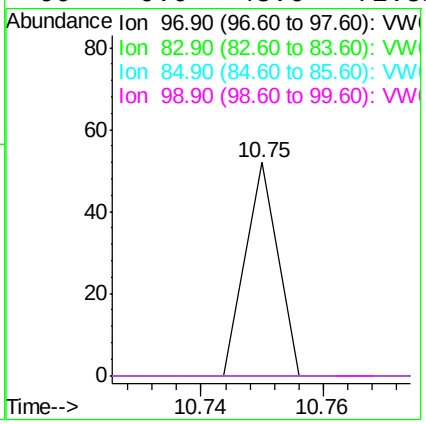


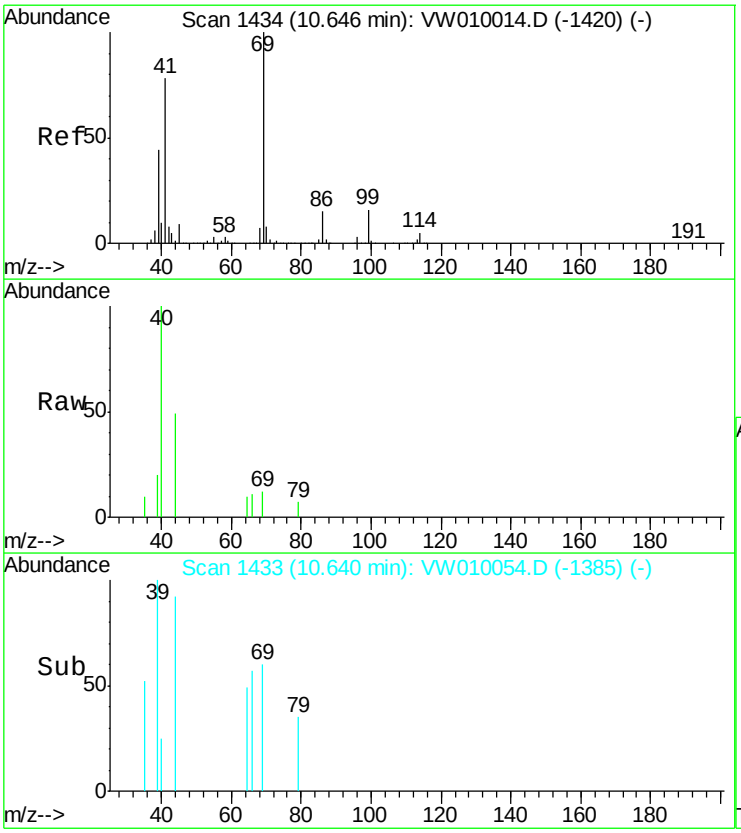
#55
1,1,2-Trichloroethane
Concen: 1.957 ug/l
RT: 10.75 min Scan# 1451
Delta R.T. -0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 97 Resp: 19

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.9	103.3#
85	0.0	42.9	64.3#
99	0.0	48.6	72.8#

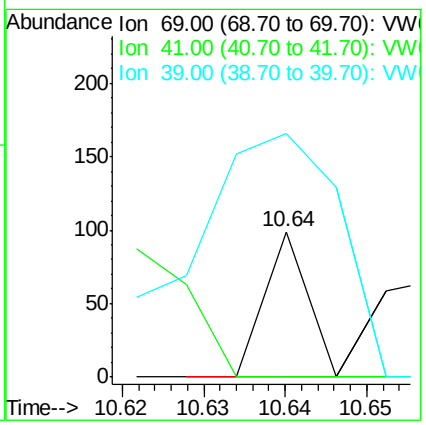


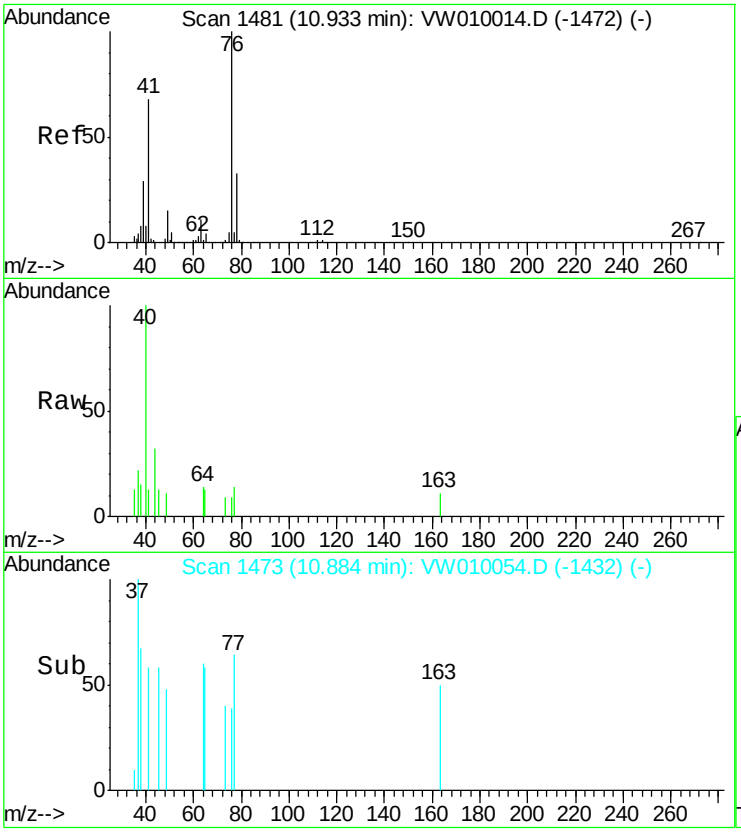


#56
Ethyl methacrylate
Concen: 5.171 ug/l
RT: 10.64 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 69 Resp: 36

Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.0	91.6#
39	525.0	33.8	50.6#



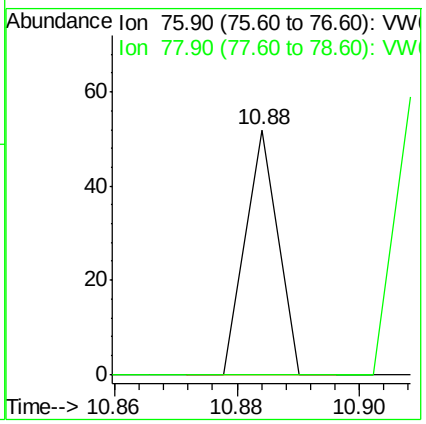


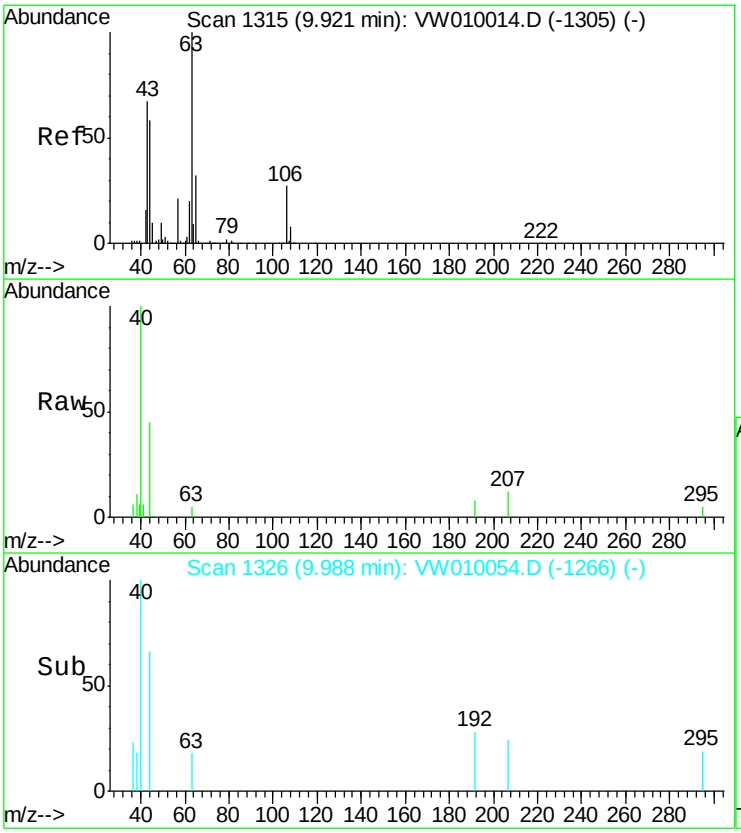
#57
1,3-Dichloropropane
Concen: 1.092 ug/l
RT: 10.88 min Scan# 1473
Delta R.T. -0.05 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 76 Resp: 19

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

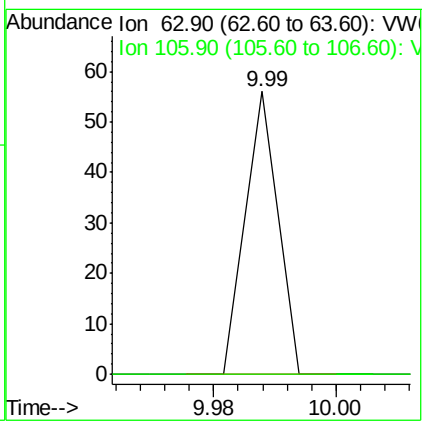


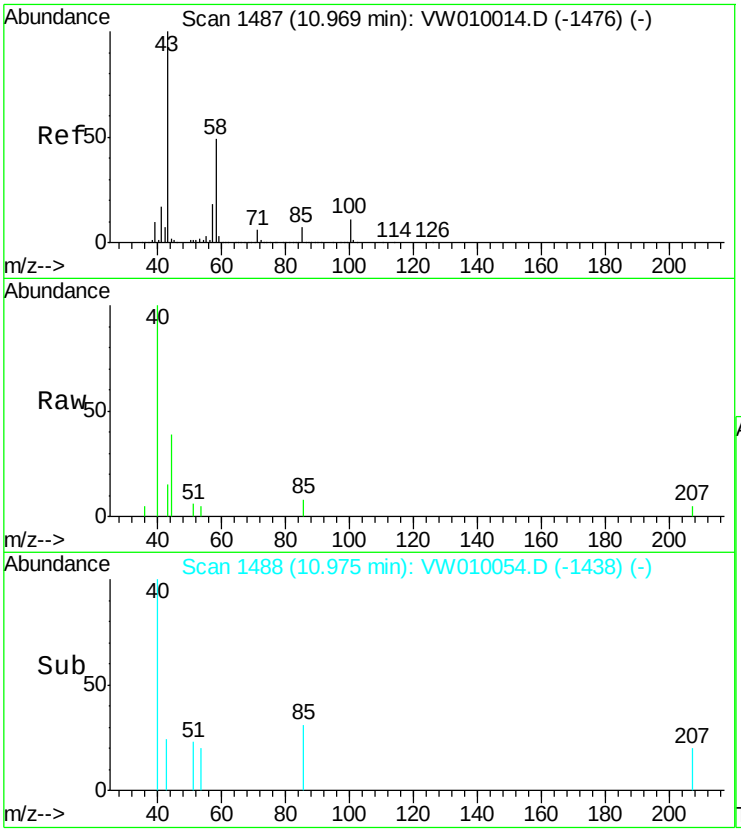


#58
2-Chloroethyl Vinyl ether
Concen: 3.598 ug/l
RT: 9.99 min Scan# 1326
Delta R.T. 0.07 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.4	32.0#



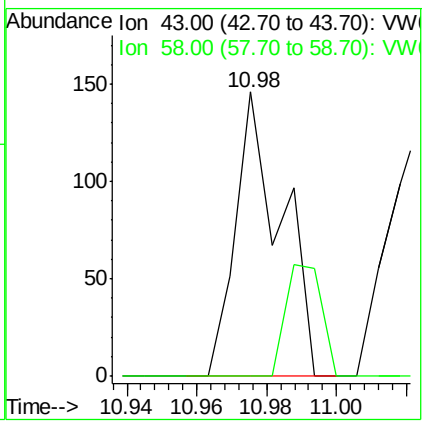


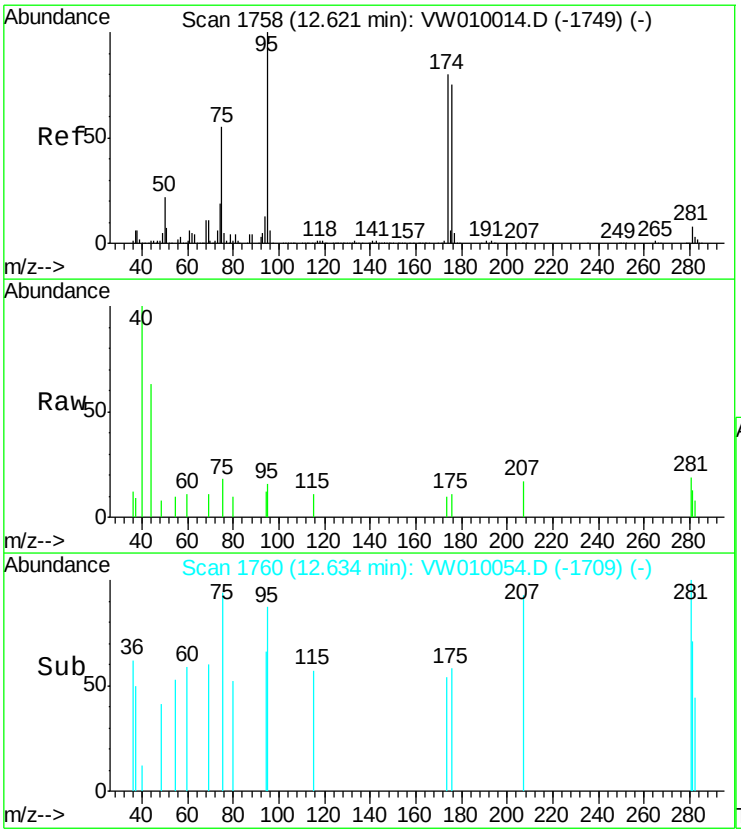
#59
2-Hexanone
Concen: 20.362 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 43 Resp: 132

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	74.7

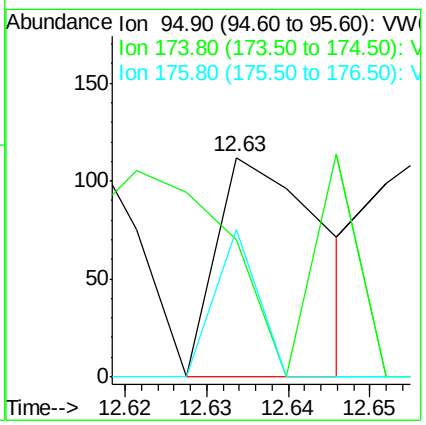


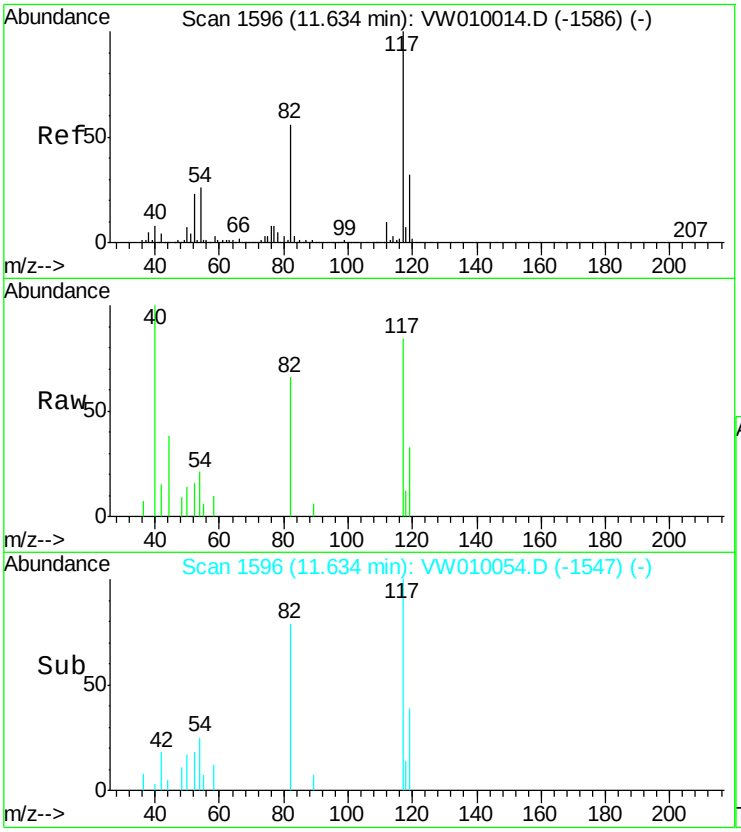


#62
4-Bromofluorobenzene
Concen: 6.443 ug/l
RT: 12.63 min Scan# 1760
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 95 Resp: 102

Ion	Ratio	Lower	Upper
95	100		
174	127.5	0.0	151.4
176	26.5	0.0	146.2



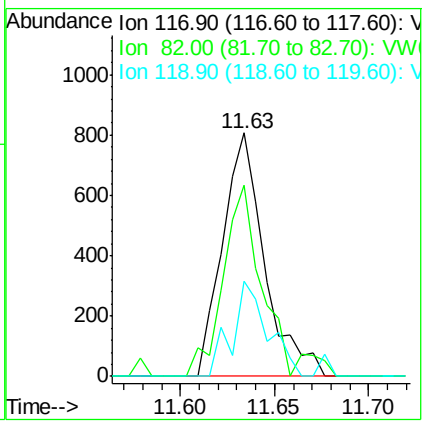


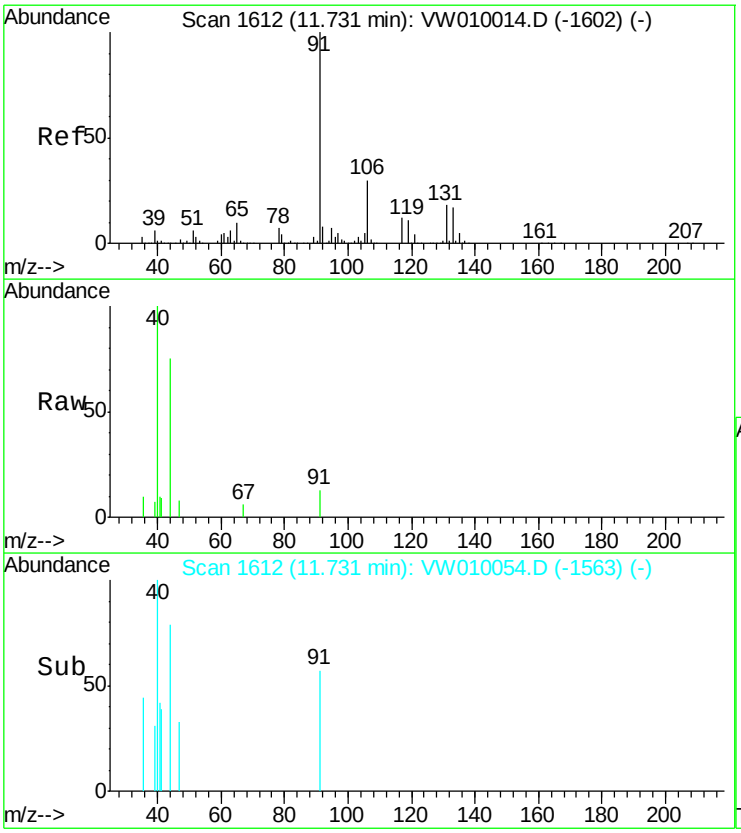
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:117 Resp: 1243

Ion	Ratio	Lower	Upper
117	100		
82	78.7	45.2	67.8#
119	38.9	25.4	38.2#

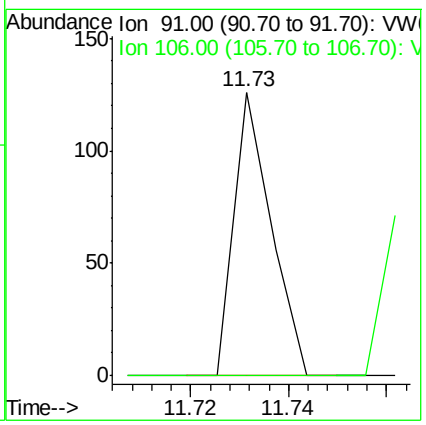


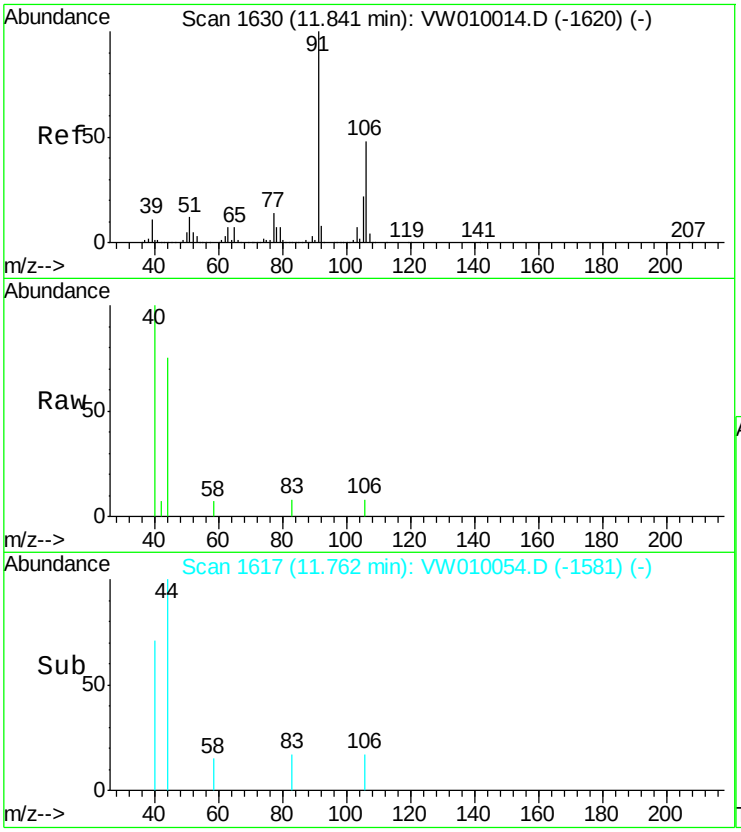


#67
Ethyl Benzene
Concen: 1.476 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 91 Resp: 67

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.8	35.8#



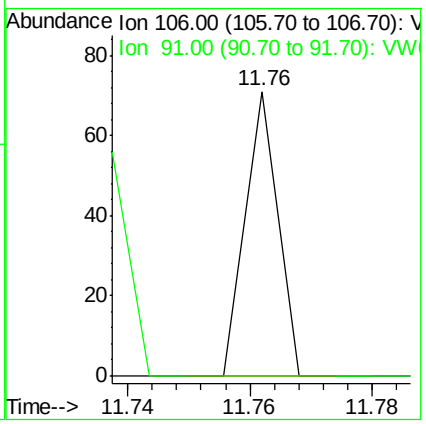


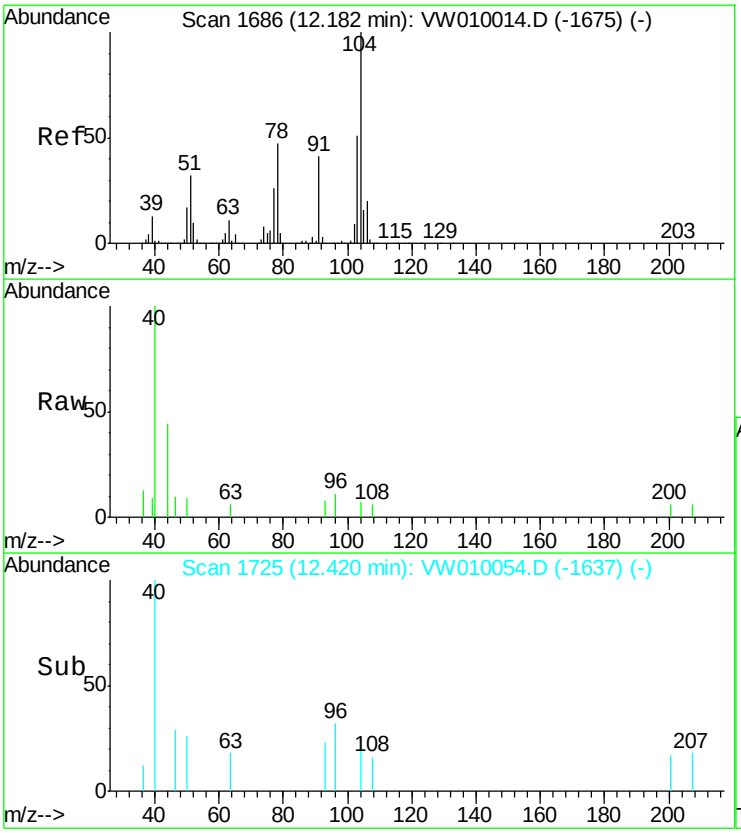
#68
m/p-Xylenes
Concen: 1.532 ug/l
RT: 11.76 min Scan# 1617
Delta R.T. -0.08 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:106 Resp: 26

Ion	Ratio	Lower	Upper
106	100		
91	0.0	165.0	247.6#

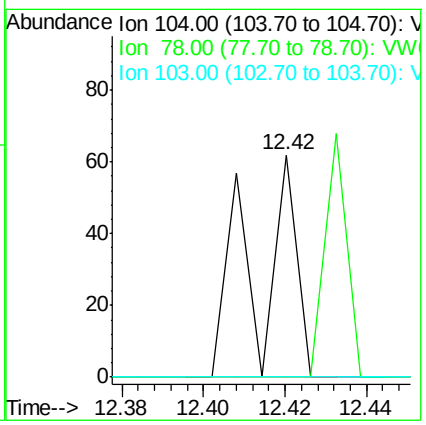


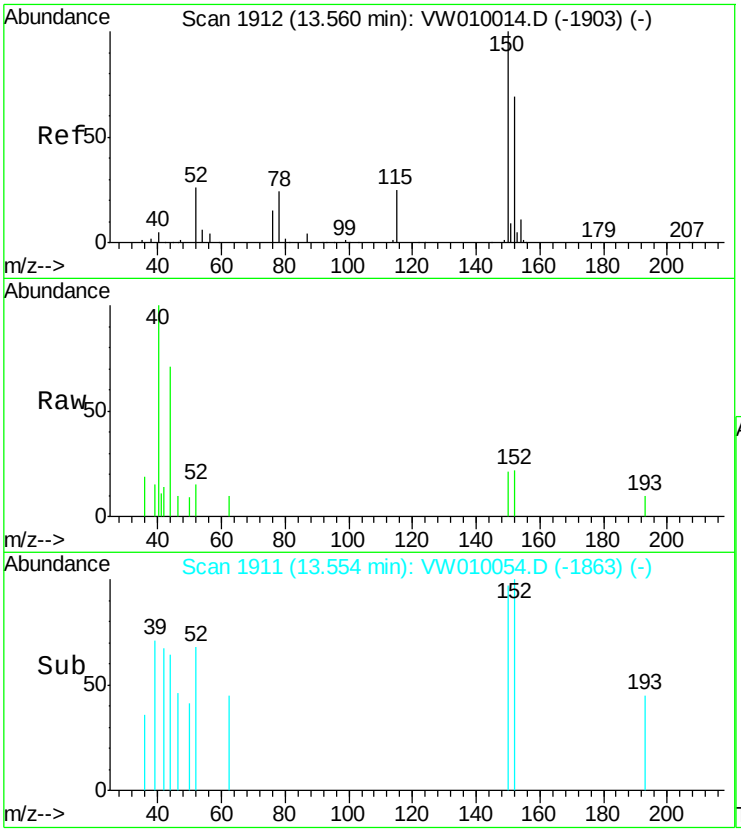


#70
Styrene
Concen: 1.652 ug/l
RT: 12.42 min Scan# 1725
Delta R.T. 0.24 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:104 Resp: 44

Ion	Ratio	Lower	Upper
104	100		
78	56.8	42.5	63.7
103	0.0	43.6	65.4#



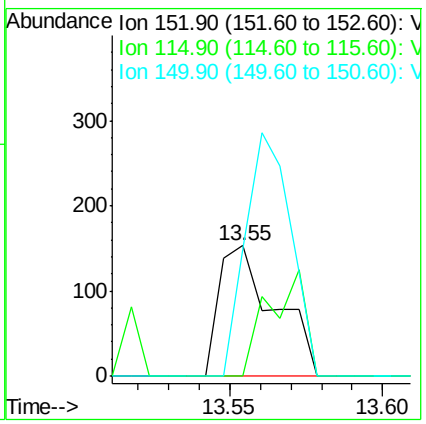


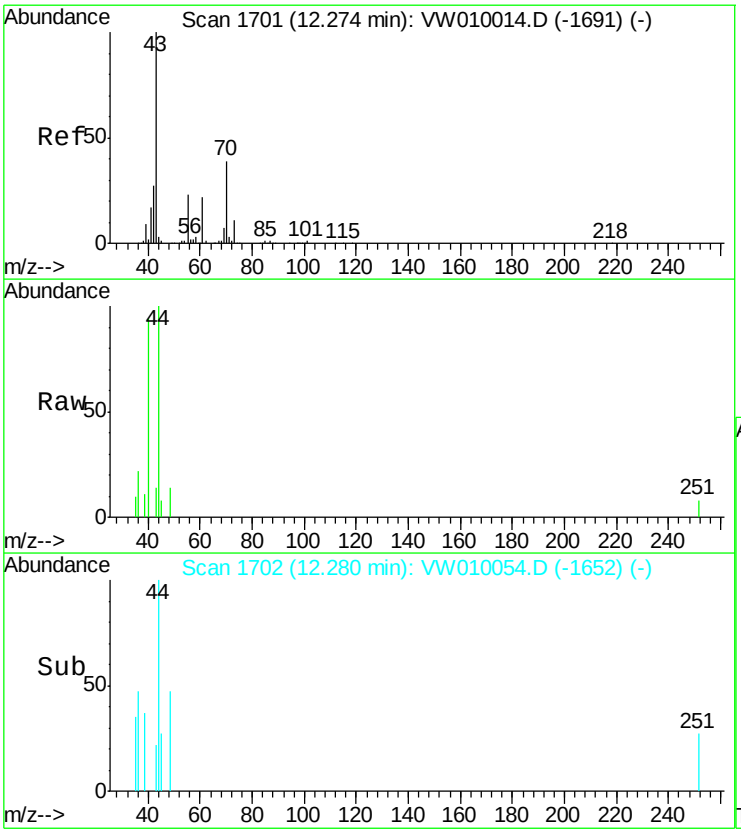
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:152 Resp: 192

Ion	Ratio	Lower	Upper
152	100		
115	54.7	30.4	91.2
150	153.1	0.0	347.0

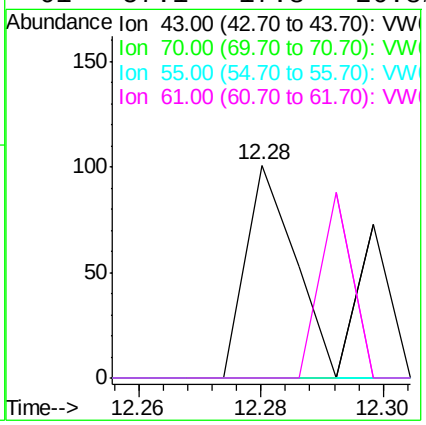


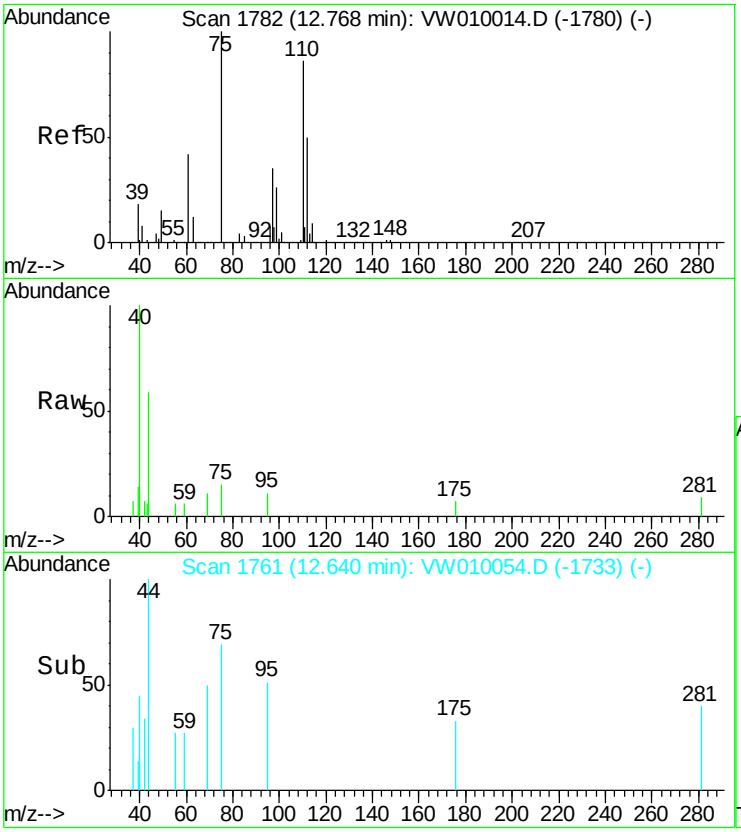


#74
N-amyl acetate
Concen: 15.133 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 43 Resp: 56

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	20.0	30.0#
61	57.1	17.8	26.8#



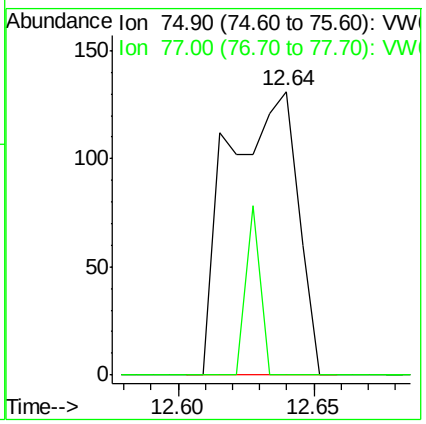


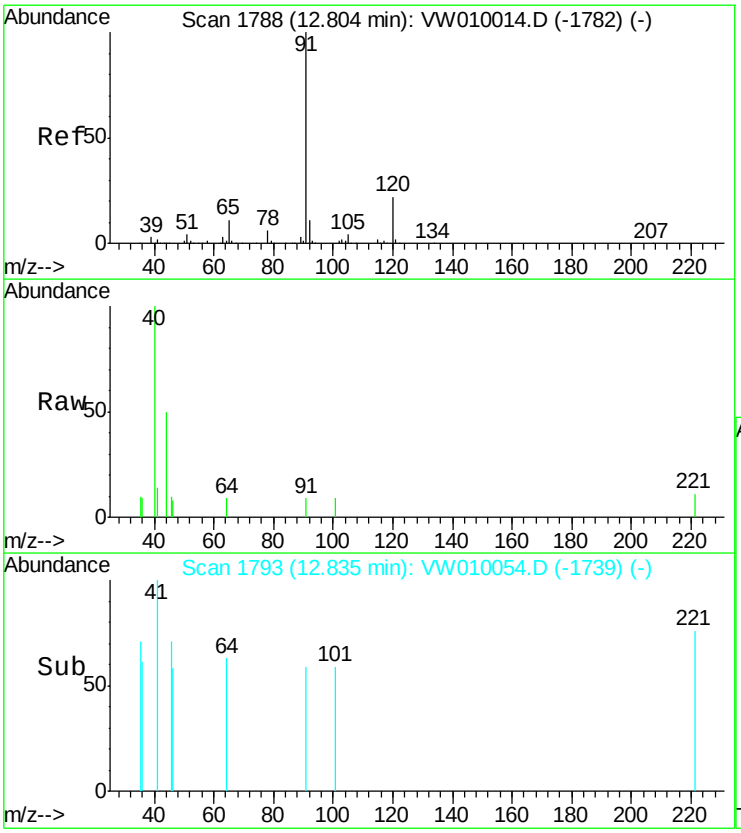
#76
1,2,3-Trichloropropane
Concen: 119.690 ug/l
RT: 12.64 min Scan# 1761
Delta R.T. -0.13 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 75 Resp: 230

Ion	Ratio	Lower	Upper
75	100		
77	12.6	0.0	0.0#

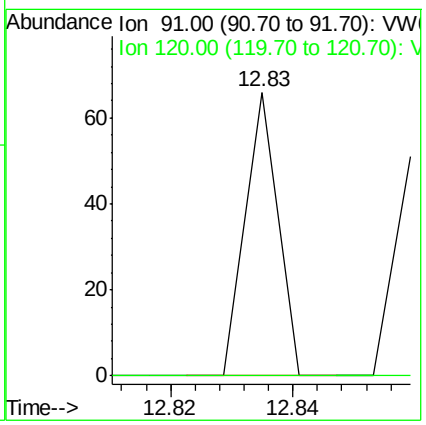


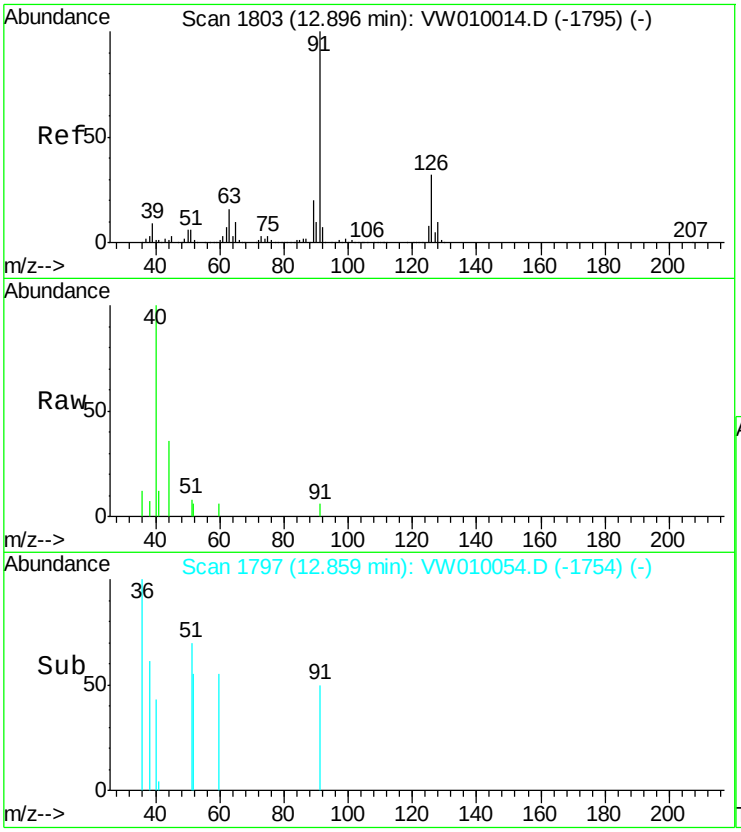


#78
n-propylbenzene
Concen: 1.449 ug/l
RT: 12.83 min Scan# 1793
Delta R.T. 0.03 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 91 Resp: 24

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.1	33.1#



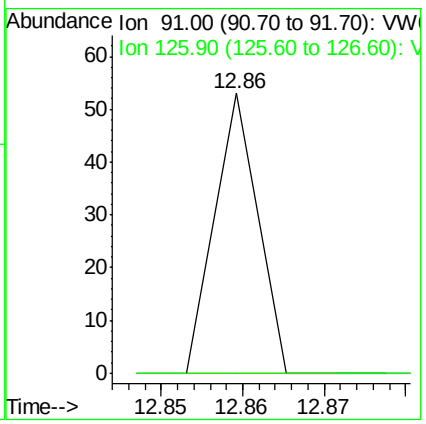


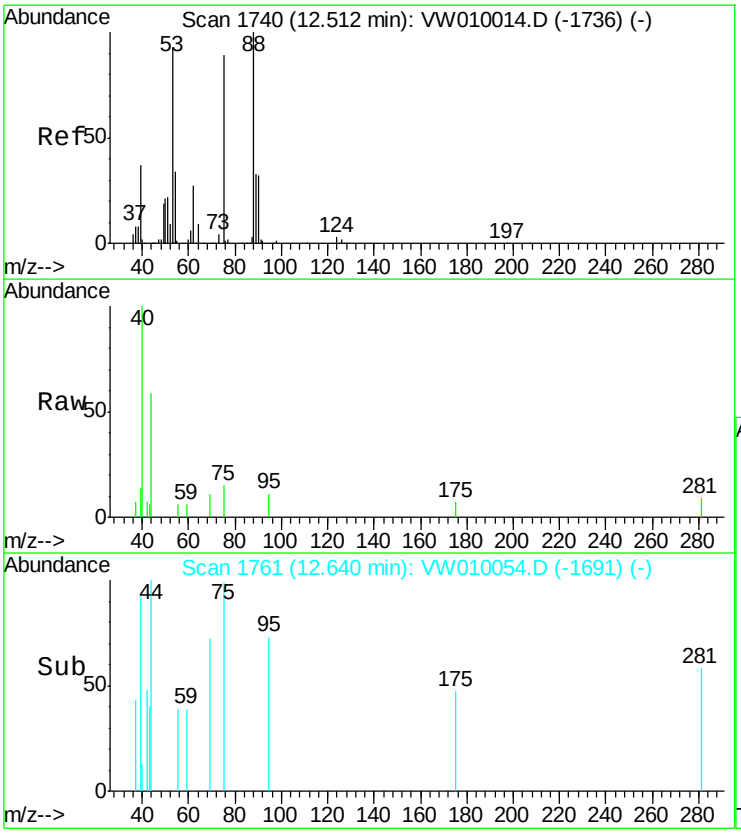
#79
2-Chlorotoluene
Concen: 1.995 ug/l
RT: 12.86 min Scan# 1797
Delta R.T. -0.04 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 91 Resp: 19

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.8#

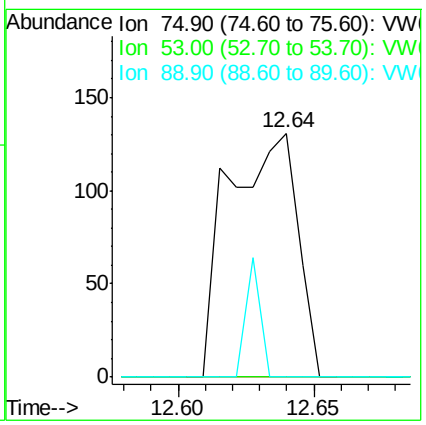


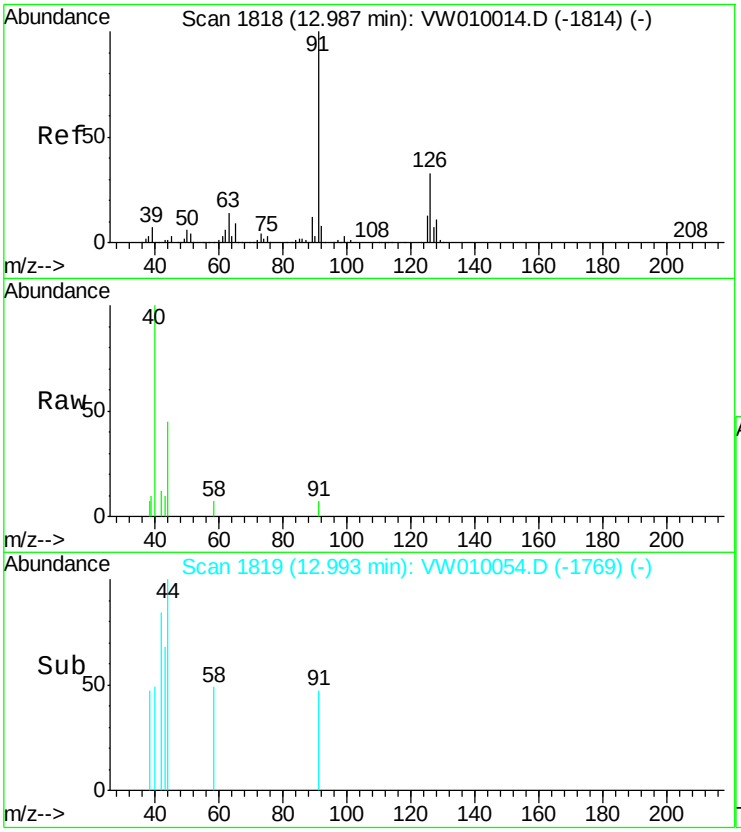


#81
trans-1,4-Dichloro-2-butene
Concen: 282.224 ug/l
RT: 12.64 min Scan# 1761
Delta R.T. 0.13 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion: 75 Resp: 230

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.8	134.8#
89	10.0	36.6	54.8#



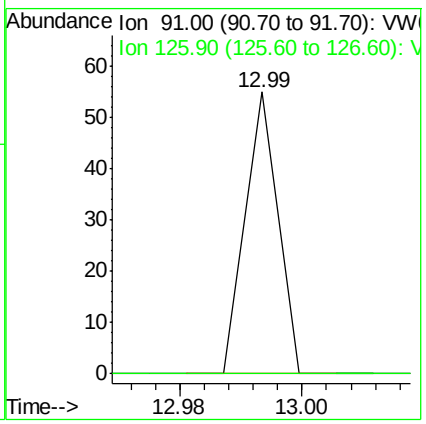


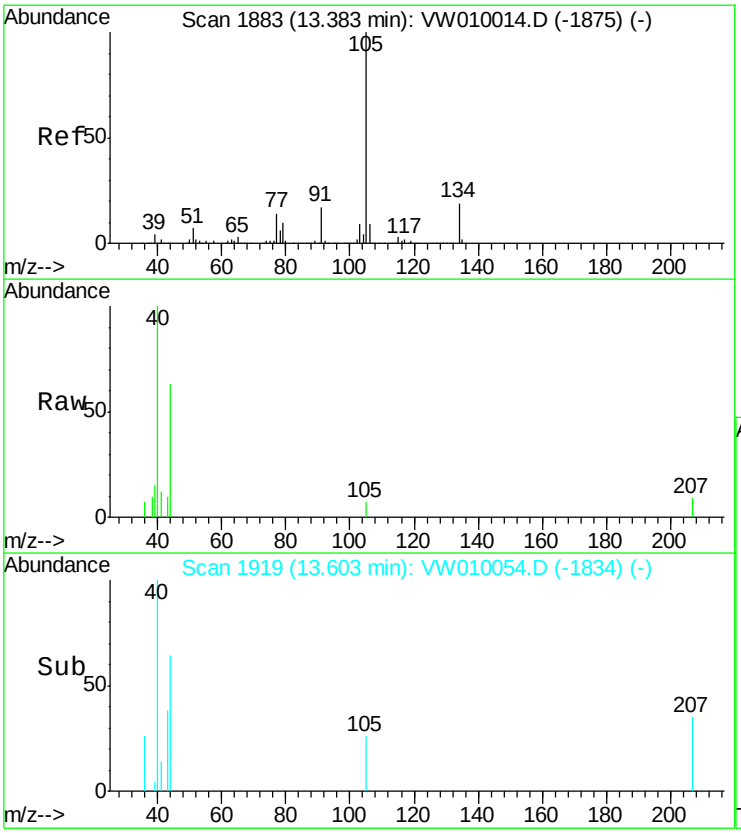
#82
4-Chlorotoluene
Concen: 1.995 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 91 Resp: 20

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#

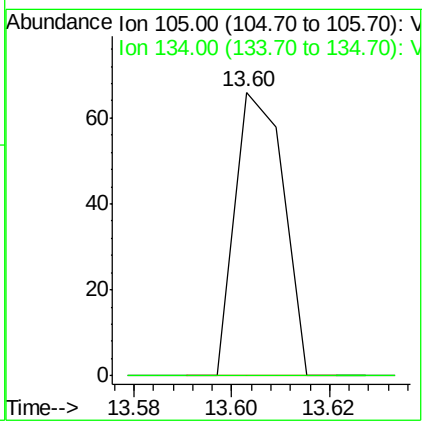


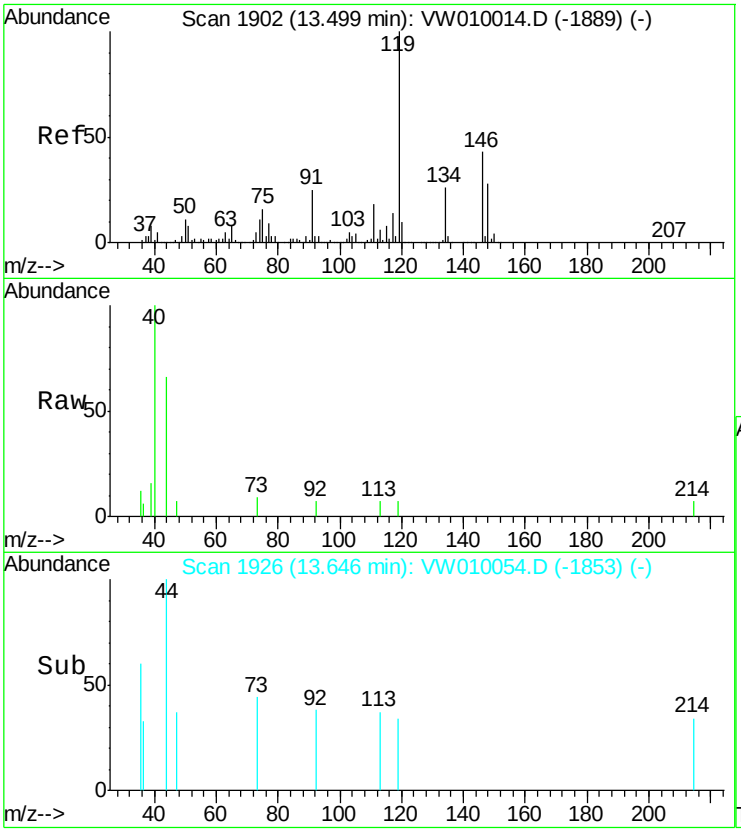


#85
sec-Butylbenzene
Concen: 3.209 ug/l
RT: 13.60 min Scan# 1919
Delta R.T. 0.22 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:105 Resp: 45

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.5#



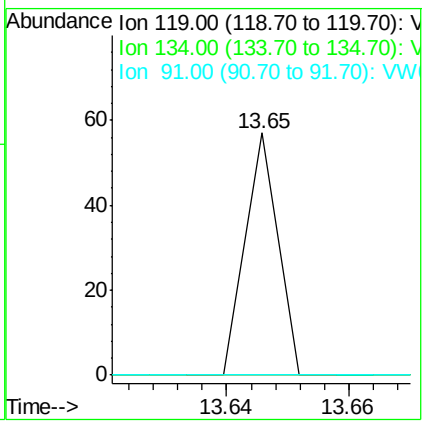


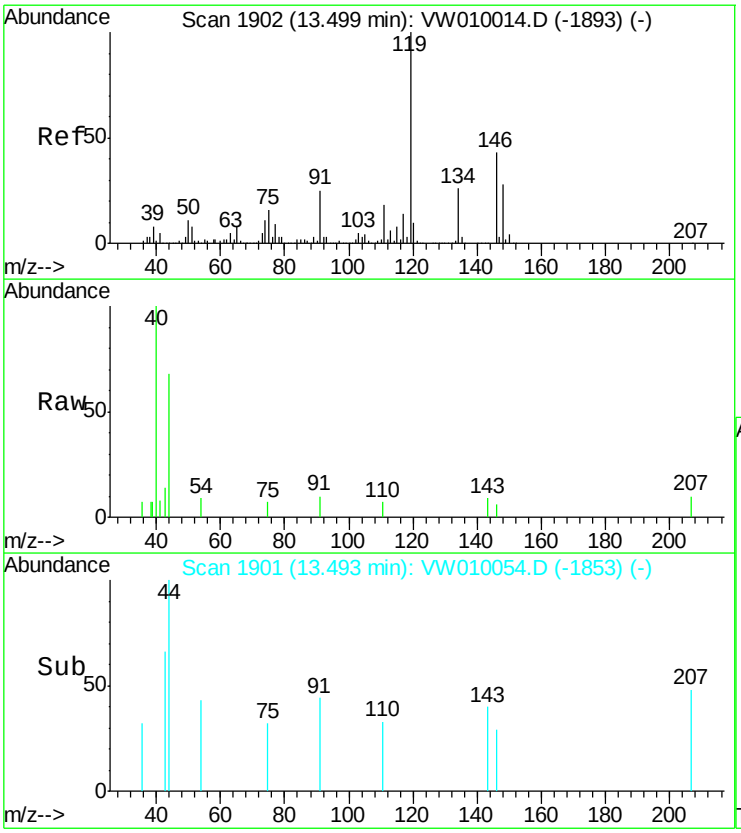
#86
p-Isopropyltoluene
Concen: 1.699 ug/l
RT: 13.65 min Scan# 1926
Delta R.T. 0.15 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:119 Resp: 21

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.0	38.9#
91	0.0	12.3	36.9#

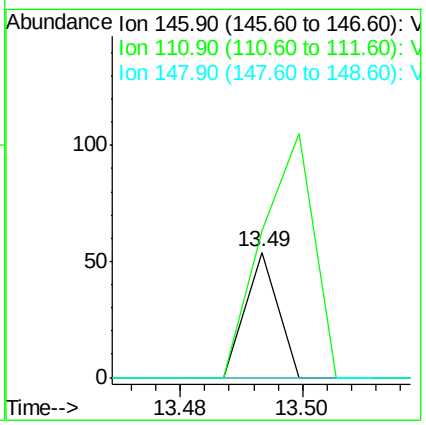


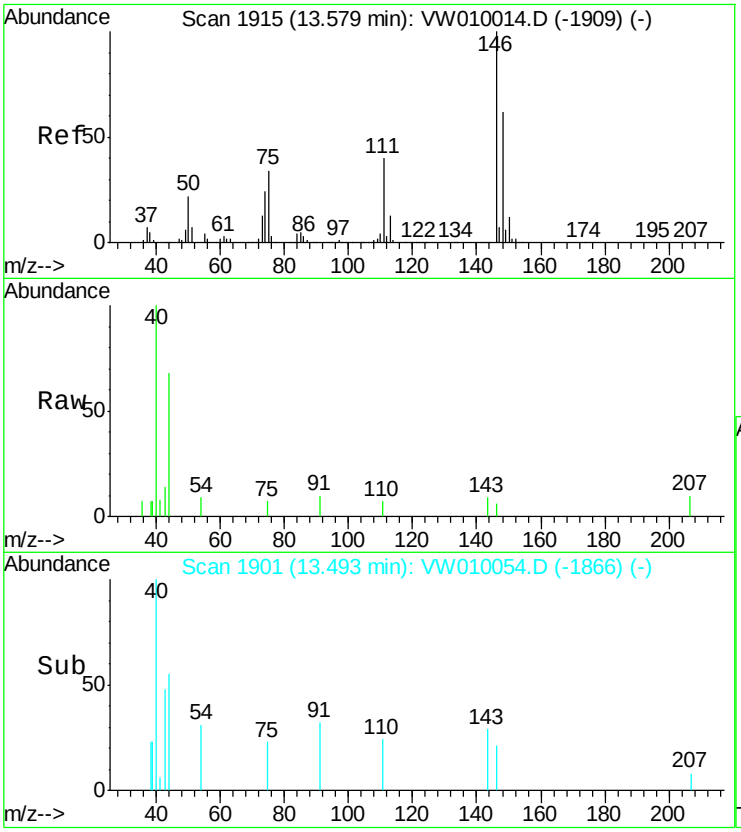


#87
1,3-Dichlorobenzene
Concen: 3.219 ug/l
RT: 13.49 min Scan# 1901
Delta R.T. -0.01 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:146 Resp: 20

Ion	Ratio	Lower	Upper
146	100		
111	305.0	20.3	61.0#
148	0.0	32.0	96.2#



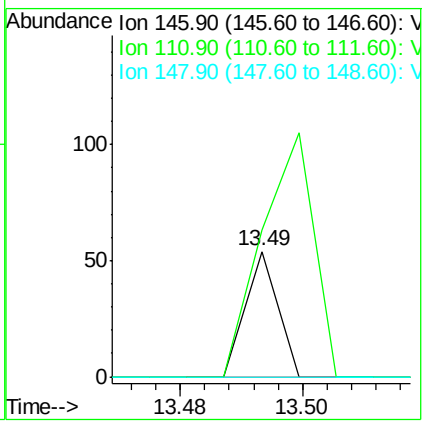


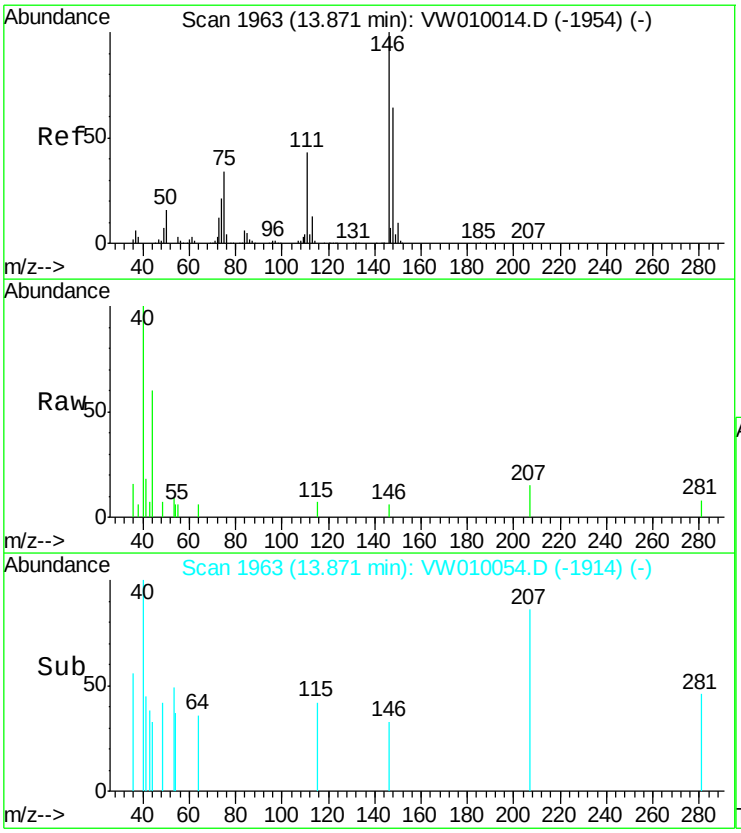
#88
1,4-Dichlorobenzene
Concen: 3.225 ug/l
RT: 13.49 min Scan# 1901
Delta R.T. -0.09 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion:146 Resp: 20

Ion	Ratio	Lower	Upper
146	100		
111	305.0	20.1	60.3#
148	0.0	31.8	95.3#

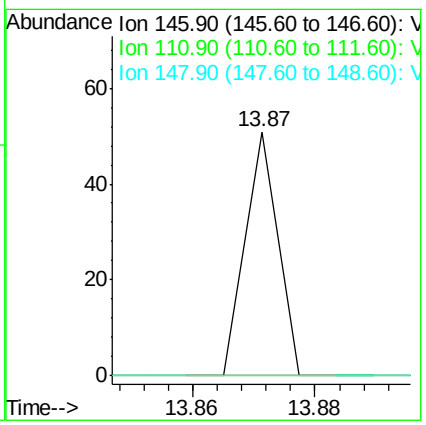


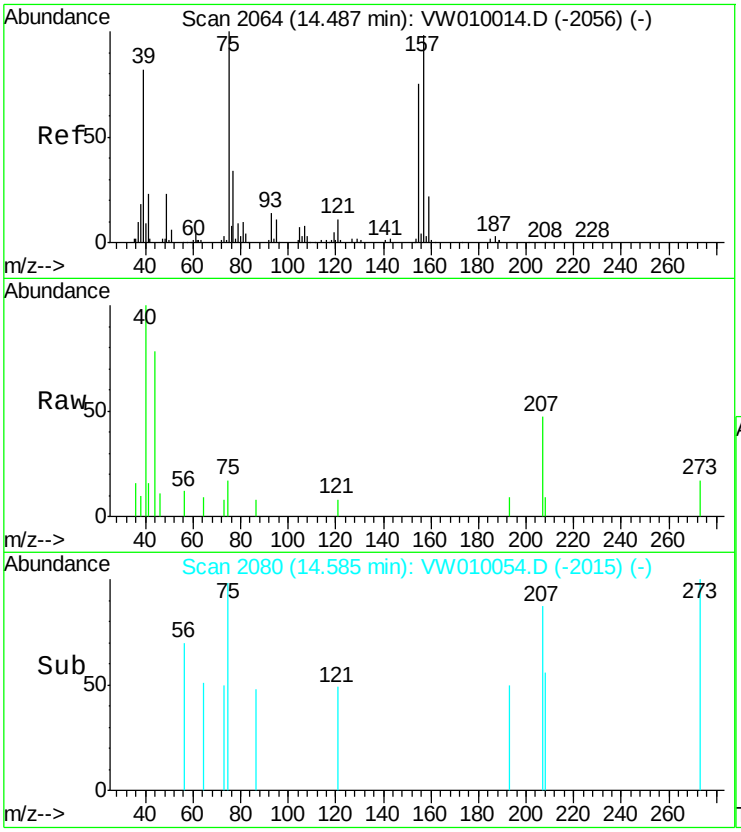


#91
1,2-Dichlorobenzene
Concen: 3.411 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:146 Resp: 19

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.9	62.8#
148	0.0	31.9	95.7#



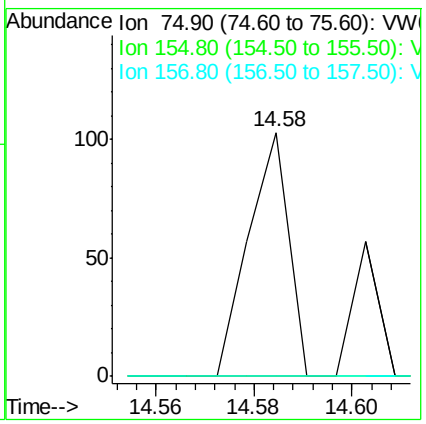


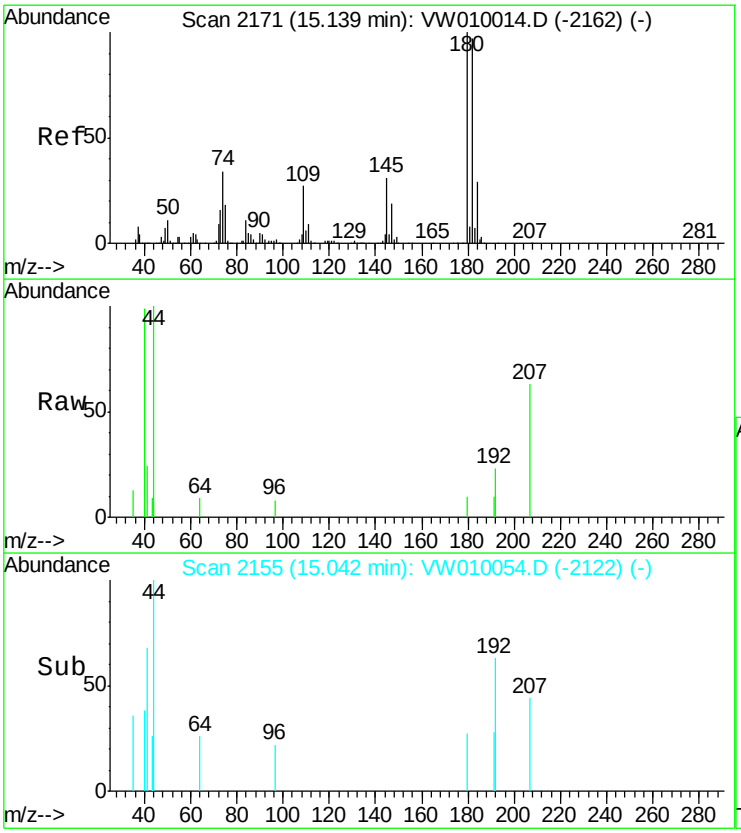
#92
1,2-Dibromo-3-Chloropropane
Concen: 122.762 ug/l
RT: 14.58 min Scan# 2080
Delta R.T. 0.10 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument : MSVOA_W
ClientSampleId : FK-GF-02-038-A

Tgt Ion: 75 Resp: 58

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.1	111.5#
157	0.0	47.3	141.9#

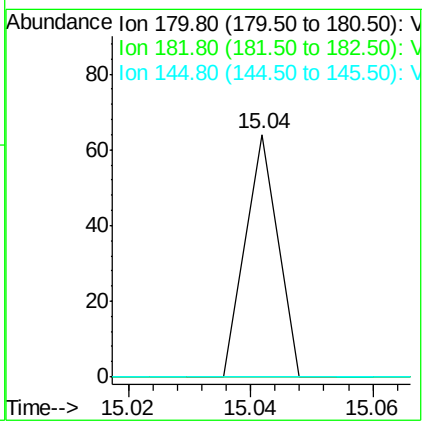


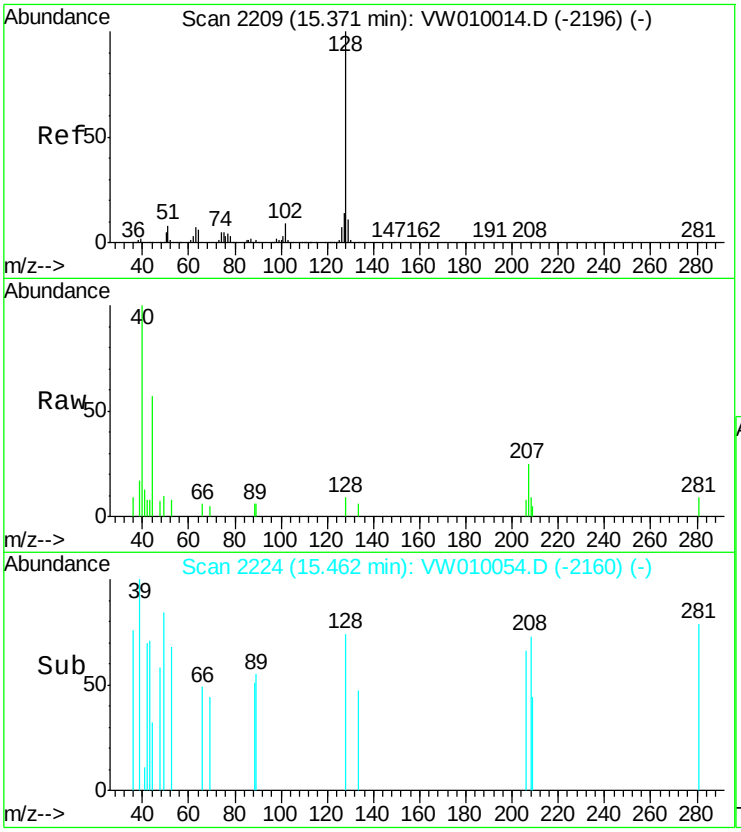


#93
1,2,4-Trichlorobenzene
Concen: 6.259 ug/l
RT: 15.04 min Scan# 2155
Delta R.T. -0.10 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Tgt Ion:180 Resp: 23

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.1	141.4#
145	0.0	15.2	45.6#





#95
Naphthalene
Concen: 6.794 ug/l
RT: 15.46 min Scan# 2224
Delta R.T. 0.09 min
Lab File: VW010054.D
Acq: 18 Apr 2019 19:19

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-A

Tgt Ion:128 Resp: 32

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.7	13.1#