Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
Data File : VF061584.D
Acq On : 11 Feb 2019 14:20
Operator : VA/AP
Sample : VF0211SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Quant Time: Feb 12 04:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	171979	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	283818	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	255592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	129783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	105745	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.60%			
35) Dibromofluoromethane	4.10	113	119238	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.48%			
50) Toluene-d8	7.54	98	287362	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.66%			
62) 4-Bromofluorobenzene	11.40	95	136831	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	59334	17.559	ug/l	95
3) Chloromethane	1.09	50	44102	17.799	ug/l #	86
4) Vinyl Chloride	1.14	62	41614	18.881	ug/l	95
5) Bromomethane	1.31	94	28929	20.128	ug/l	99
6) Chloroethane	1.40	64	19096	19.553	ug/l	96
7) Trichlorofluoromethane	1.46	101	82519m	19.259	ug/l	
8) Diethyl Ether	1.62	74	11498	20.943	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.83	101	42764	20.771	ug/l	92
10) Methyl Iodide	1.91	142	64867m	20.323	ug/l	
11) Tert butyl alcohol	2.55	59	9134	101.630	ug/l	94
12) 1,1-Dichloroethene	1.79	96	31706	20.729	ug/l	89
13) Acrolein	2.00	56	4534m	66.484	ug/l	
14) Allyl chloride	2.09	41	49382	28.749	ug/l	87
15) Acrylonitrile	2.92	53	23187	100.718	ug/l	96
16) Acetone	2.22	43	51612	121.167	ug/l #	92
17) Carbon Disulfide	1.82	76	90072m	18.886	ug/l	
18) Methyl Acetate	2.33	43	19441	23.014	ug/l #	90
19) Methyl tert-butyl Ether	2.41	73	68798	20.064	ug/l	97
20) Methylene Chloride	2.17	84	33950m	22.514	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	34206	20.326	ug/l	89
22) Diisopropyl ether	2.79	45	113052	20.769	ug/l	96
23) Vinyl Acetate	3.17	43	258722	109.875	ug/l	96
24) 1,1-Dichloroethane	2.86	63	67708	19.819	ug/l	98
25) 2-Butanone	4.32	43	76887	108.543	ug/l	98
26) 2,2-Dichloropropane	3.58	77	41924	19.974	ug/l	92
27) cis-1,2-Dichloroethene	3.47	96	50738	20.424	ug/l	100
28) Bromochloromethane	3.70	49	31925	20.789	ug/l #	92
29) Tetrahydrofuran	4.05	42	30569	100.222	ug/l	95
30) Chloroform	3.84	83	100150	21.722	ug/l	99
31) Cyclohexane	3.67	56	64382m	18.866	ug/l	
32) 1,1,1-Trichloroethane	4.08	97	60307	17.839	ug/l	93
36) 1,1-Dichloropropene	4.27	75	67913	20.638	ug/l	94
37) Ethyl Acetate	4.09	43	29533	22.452	ug/l	95
38) Carbon Tetrachloride	3.97	117	55898	19.430	ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021119\
Data File : VF061584.D
Acq On : 11 Feb 2019 14:20
Operator : VA/AP
Sample : VF0211SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Quant Time: Feb 12 04:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.44	83	74434	20.872	ug/l		95
40) Benzene	4.61	78	153433	20.954	ug/l		99
41) Methacrylonitrile	4.73	41	13940	19.916	ug/l		94
42) 1,2-Dichloroethane	4.93	62	57279	21.952	ug/l		95
43) Isopropyl Acetate	6.94	43	34061	20.631	ug/l	#	100
44) Trichloroethene	5.49	130	50086	22.297	ug/l		95
45) 1,2-Dichloropropane	6.22	63	40545	21.097	ug/l		95
46) Dibromomethane	6.06	93	26258	20.548	ug/l	#	86
47) Bromodichloromethane	6.37	83	67926	21.484	ug/l		97
48) Methyl methacrylate	6.70	41	21750	19.619	ug/l		95
49) 1,4-Dioxane	6.69	88	3659	433.509	ug/l	#	78
51) 4-Methyl-2-Pentanone	8.24	43	128612	105.967	ug/l		100
52) Toluene	7.61	92	94845	19.669	ug/l		99
53) t-1,3-Dichloropropene	8.26	75	52808	21.034	ug/l		96
54) cis-1,3-Dichloropropene	7.28	75	67153	21.399	ug/l		99
55) 1,1,2-Trichloroethane	8.48	97	27636	20.182	ug/l		94
56) Ethyl methacrylate	8.61	69	32489	20.393	ug/l		98
57) 1,3-Dichloropropane	8.83	76	50607	19.717	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.27	63	24037	155.564	ug/l		97
59) 2-Hexanone	9.47	43	100771	119.068	ug/l		93
60) Dibromochloromethane	8.71	129	42428	21.194	ug/l		95
61) 1,2-Dibromoethane	8.97	107	29766	18.988	ug/l		93
64) Tetrachloroethene	8.13	164	39124	20.355	ug/l		92
65) Chlorobenzene	9.78	112	105087	20.218	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.92	131	46650	22.530	ug/l		98
67) Ethyl Benzene	9.89	91	195774	20.616	ug/l		99
68) m/p-Xylenes	10.12	106	139319	40.790	ug/l		93
69) o-Xylene	10.70	106	80501	21.746	ug/l		99
70) Styrene	10.78	104	108337	21.380	ug/l		99
71) Bromoform	10.76	173	20801	22.359	ug/l		96
73) Isopropylbenzene	11.11	105	245483	23.256	ug/l		100
74) N-amyl acetate	11.36	43	62273	24.949	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.68	83	39565	21.040	ug/l		96
76) 1,2,3-Trichloropropane	11.78	75	29382	21.745	ug/l		97
77) Bromobenzene	11.48	156	51737	23.209	ug/l		88
78) n-propylbenzene	11.59	91	277093	20.152	ug/l		97
79) 2-Chlorotoluene	11.70	91	160445	21.907	ug/l		99
80) 1,3,5-Trimethylbenzene	11.81	105	192001	22.539	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.85	75	11457m	19.506	ug/l		
82) 4-Chlorotoluene	11.89	91	159751	21.616	ug/l		98
83) tert-Butylbenzene	12.12	119	207878	23.578	ug/l		99
84) 1,2,4-Trimethylbenzene	12.19	105	197311	22.487	ug/l		91
85) sec-Butylbenzene	12.30	105	273077	22.807	ug/l		98
86) p-Isopropyltoluene	12.44	119	231738	23.577	ug/l		96
87) 1,3-Dichlorobenzene	12.46	146	99463	21.268	ug/l		99
88) 1,4-Dichlorobenzene	12.55	146	93027	22.084	ug/l		97
89) n-Butylbenzene	12.83	91	233054	22.991	ug/l		95
90) Hexachloroethane	12.91	117	53975	23.296	ug/l		95
91) 1,2-Dichlorobenzene	12.93	146	88470	21.215	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.63	75	6751	20.241	ug/l		76

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
Data File : VF061584.D
Acq On : 11 Feb 2019 14:20
Operator : VA/AP
Sample : VF0211SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Quant Time: Feb 12 04:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

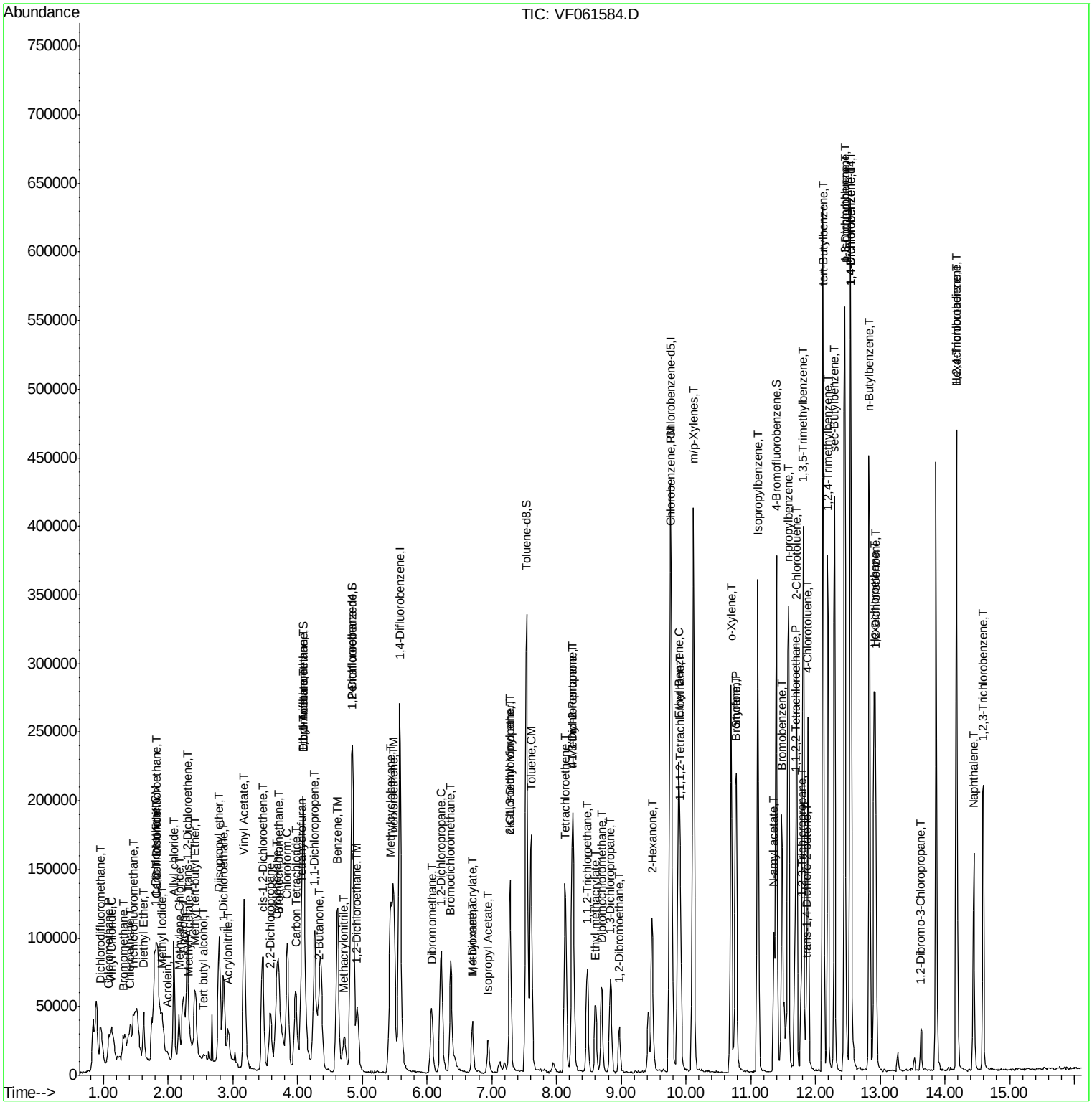
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	64465	22.067	ug/l	98
94) Hexachlorobutadiene	14.18	225	39909	22.016	ug/l	95
95) Naphthalene	14.45	128	111845	20.151	ug/l	97
96) 1,2,3-Trichlorobenzene	14.59	180	61195	22.629	ug/l	97

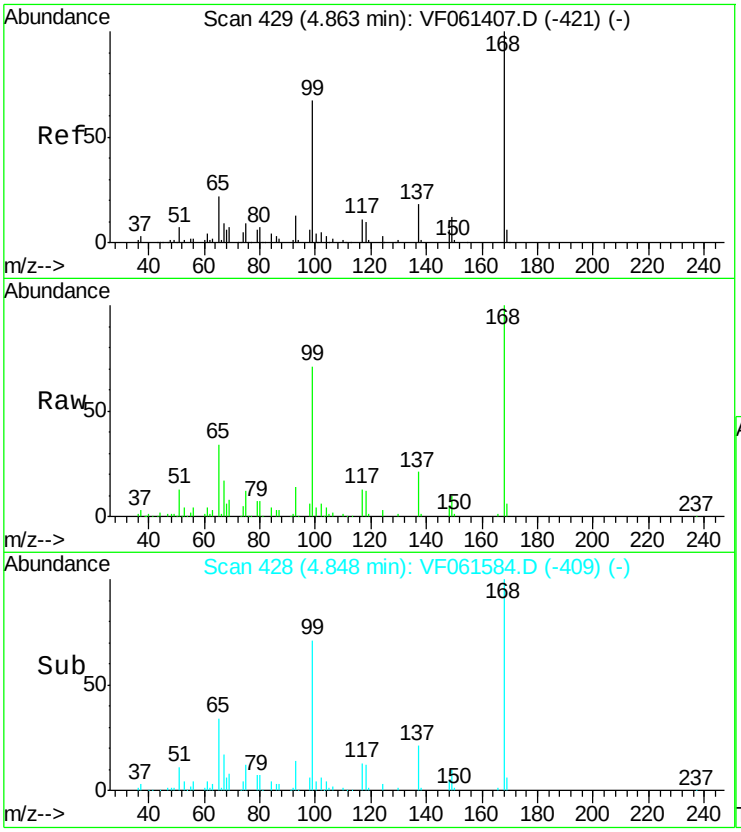
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021119\
Data File : VF061584.D
Acq On : 11 Feb 2019 14:20
Operator : VA/AP
Sample : VF0211SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Quant Time: Feb 12 04:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



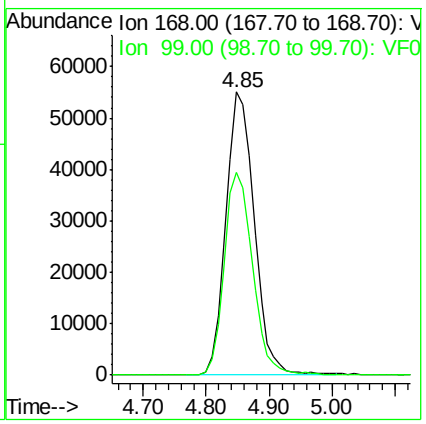


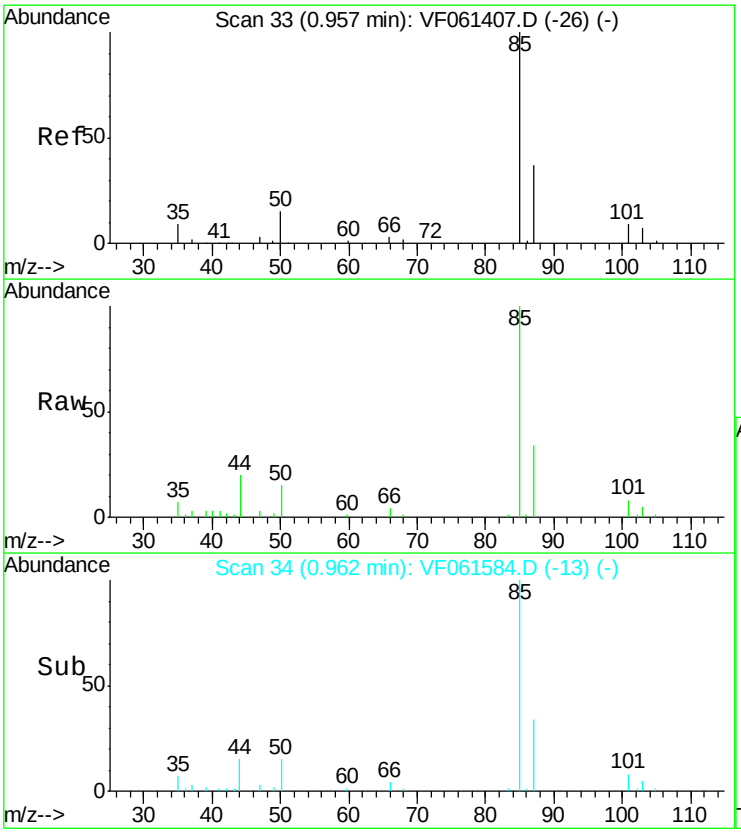
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:168 Resp: 171979

Ion	Ratio	Lower	Upper
168	100		
99	71.5	53.5	80.3

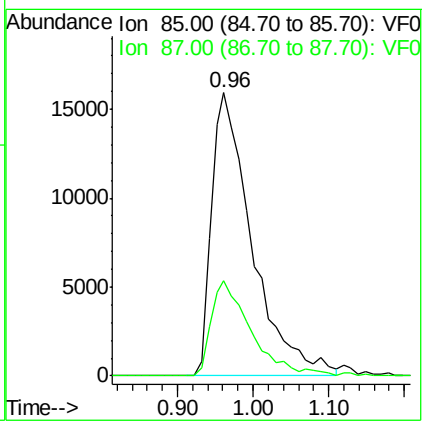


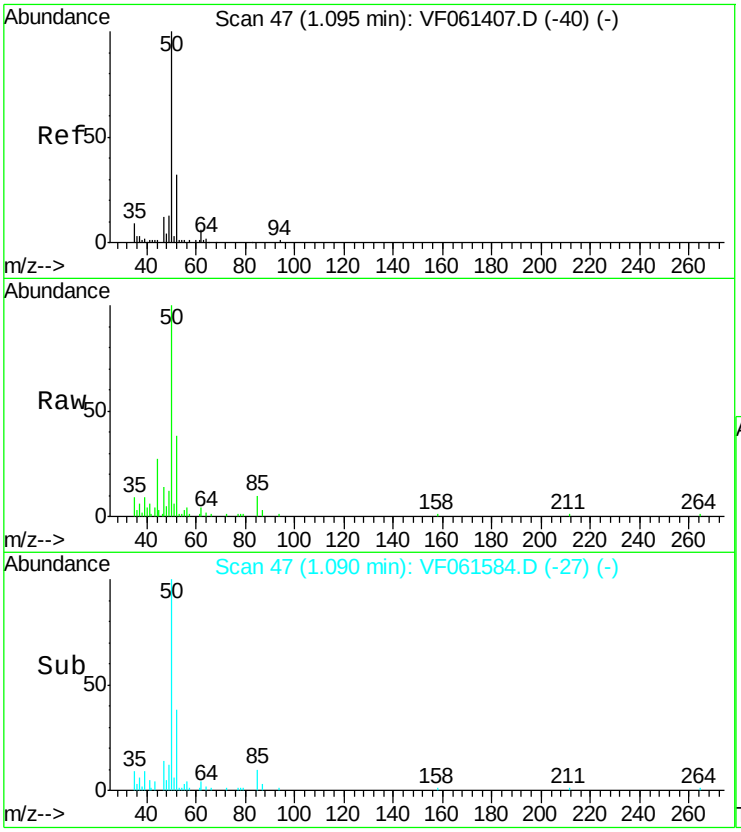


#2
Dichlorodifluoromethane
Concen: 17.559 ug/l
RT: 0.96 min Scan# 34
Delta R.T. 0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 85 Resp: 59334

Ion	Ratio	Lower	Upper
85	100		
87	33.8	18.4	55.0



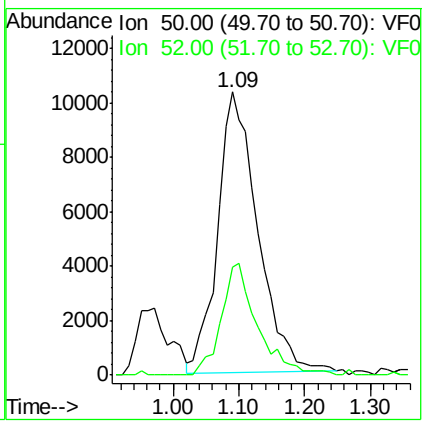


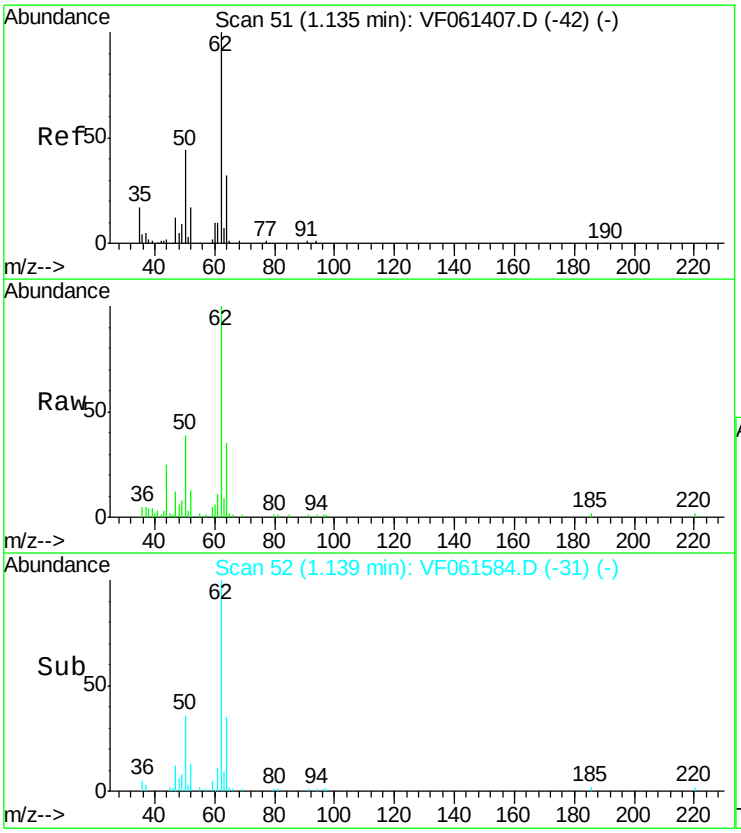
#3
Chloromethane
Concen: 17.799 ug/l
RT: 1.09 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 50 Resp: 44102

Ion	Ratio	Lower	Upper
50	100		
52	38.3	24.6	36.8#

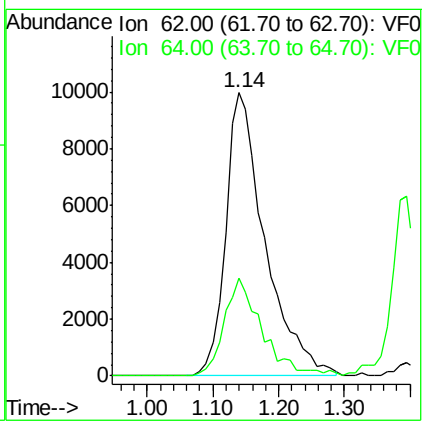


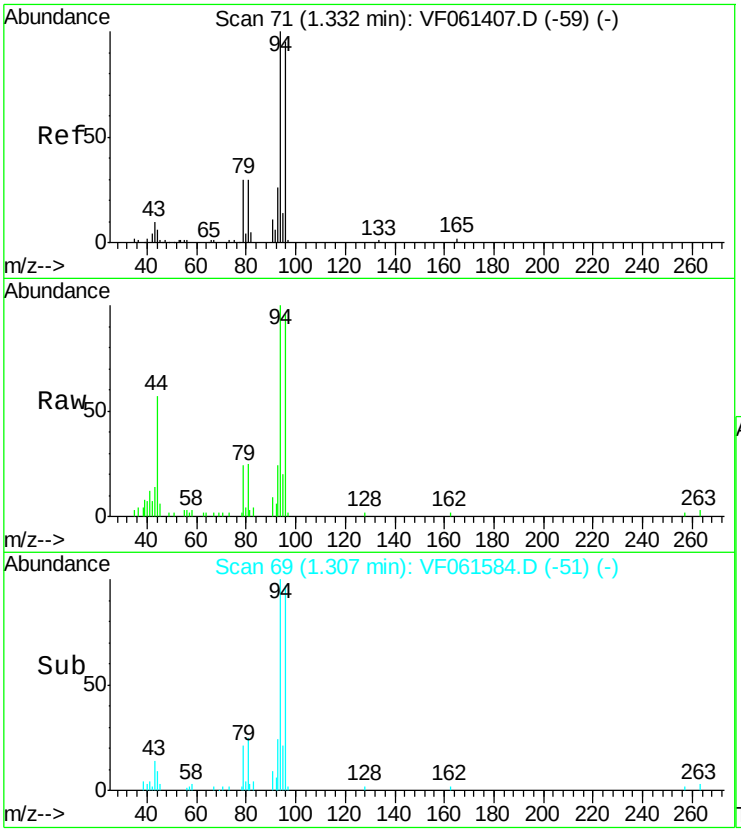


#4
Vinyl Chloride
Concen: 18.881 ug/l
RT: 1.14 min Scan# 52
Delta R.T. 0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 62 Resp: 41614

Ion	Ratio	Lower	Upper
62	100		
64	34.7	25.6	38.4



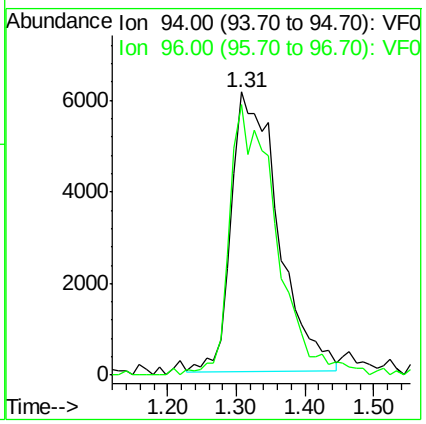


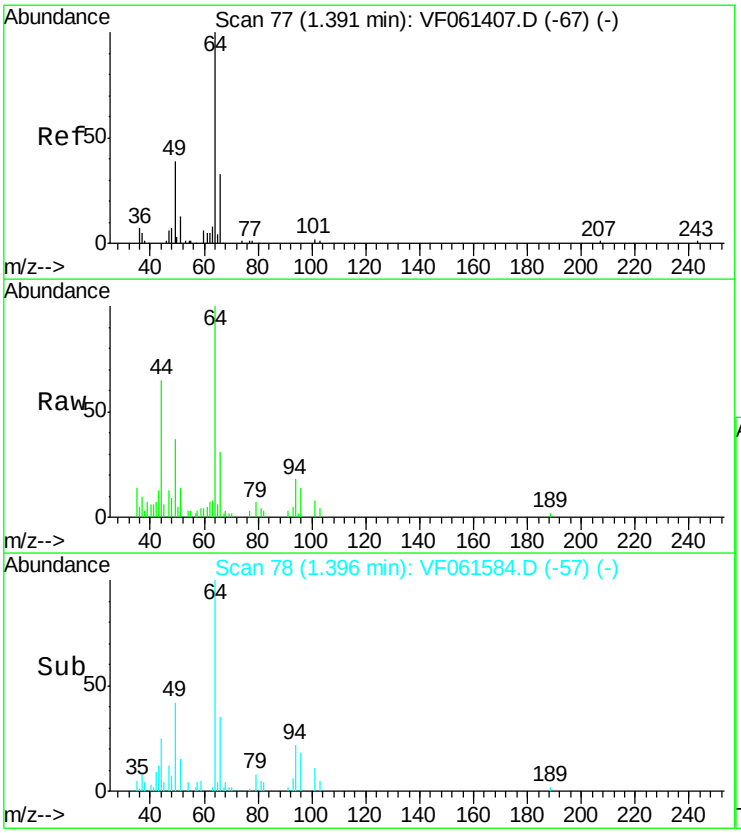
#5
Bromomethane
Concen: 20.128 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.03 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 94 Resp: 28929

Ion	Ratio	Lower	Upper
94	100		
96	95.6	76.0	114.0

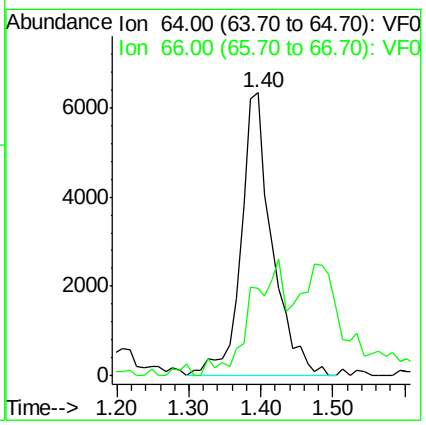


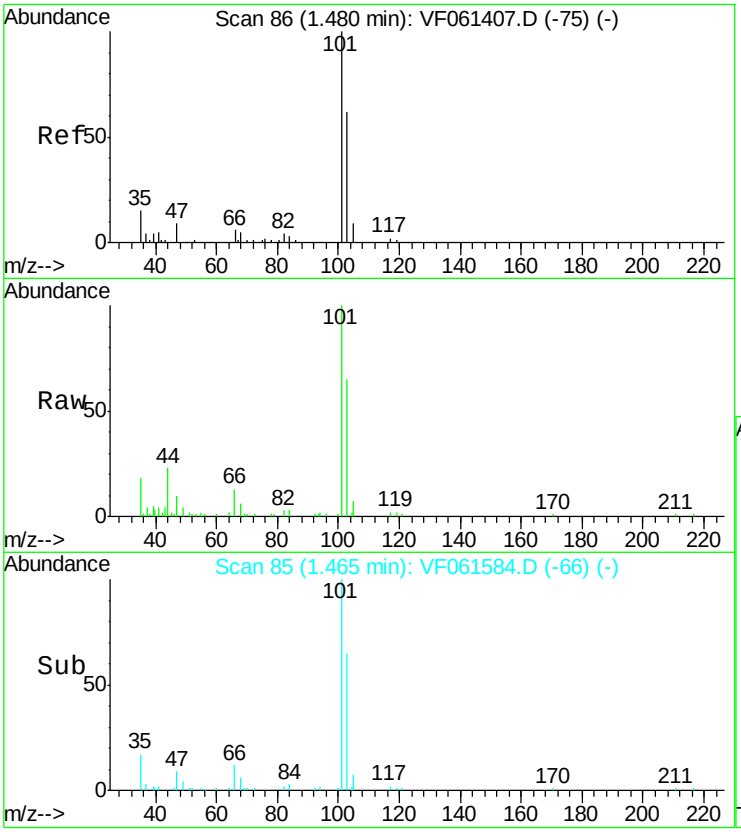


#6
Chloroethane
Concen: 19.553 ug/l
RT: 1.40 min Scan# 78
Delta R.T. 0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 64 Resp: 19096

Ion	Ratio	Lower	Upper
64	100		
66	30.9	26.6	40.0



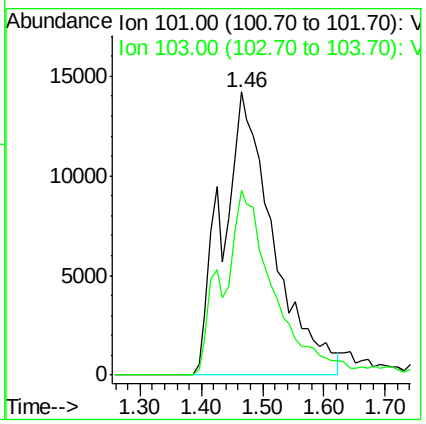


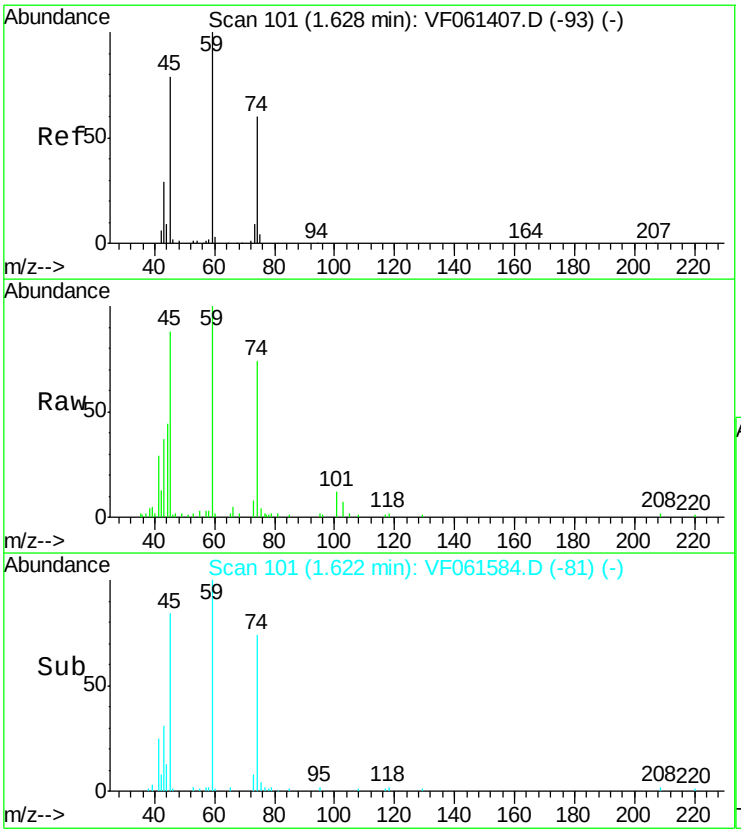
#7
Trichlorofluoromethane
Concen: 19.259 ug/l m
RT: 1.46 min Scan# 85
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:101 Resp: 82519

Ion	Ratio	Lower	Upper
101	100		
103	65.4	49.7	74.5

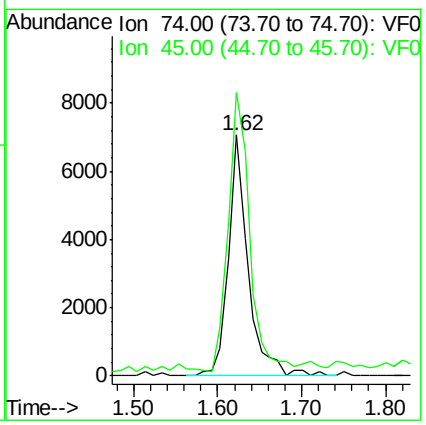


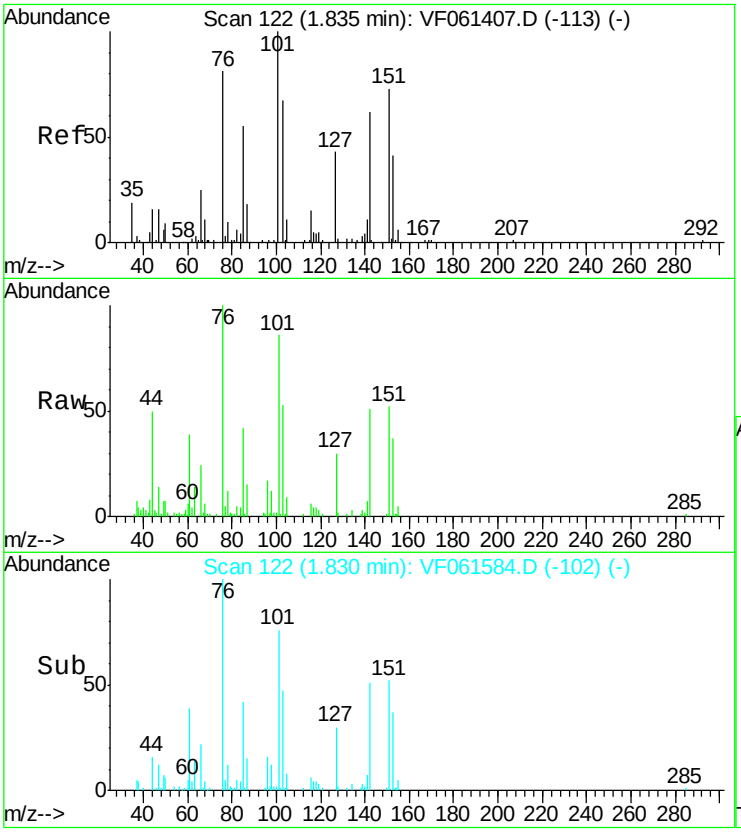


#8
Diethyl Ether
Concen: 20.943 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 74 Resp: 11498

Ion	Ratio	Lower	Upper
74	100		
45	117.7	65.8	197.5



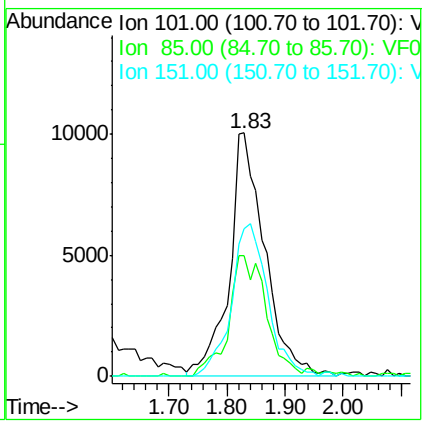


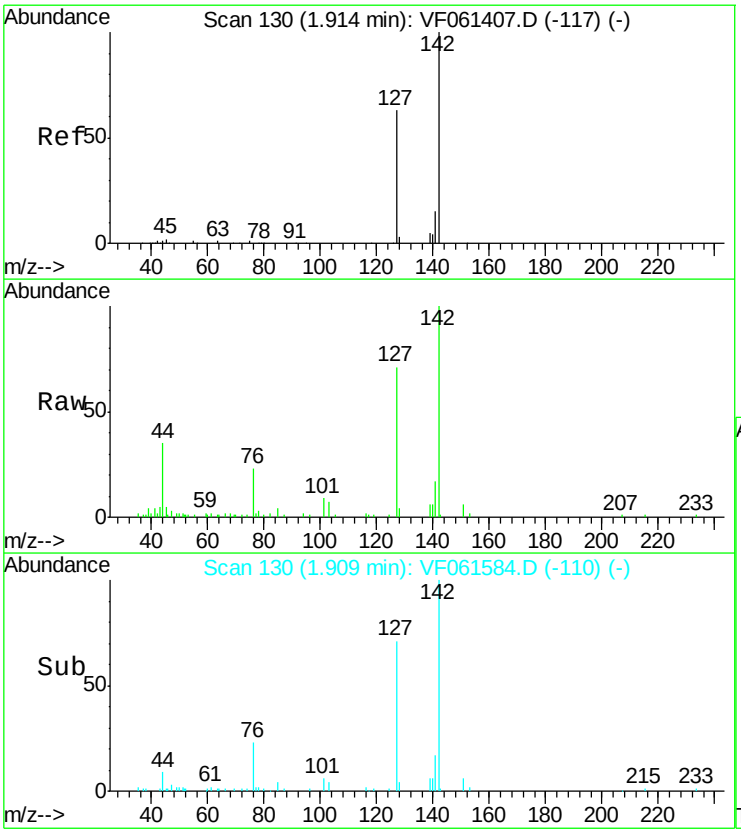
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.771 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:101 Resp: 42764

Ion	Ratio	Lower	Upper
101	100		
85	49.6	41.9	62.9
151	60.5	55.1	82.7

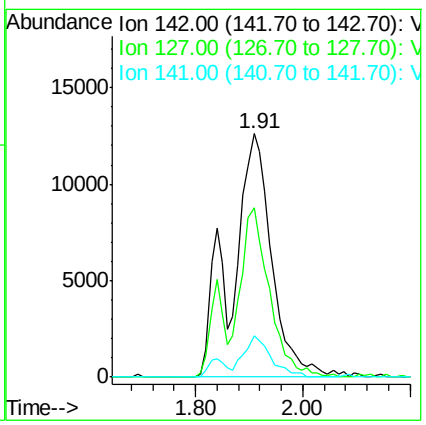


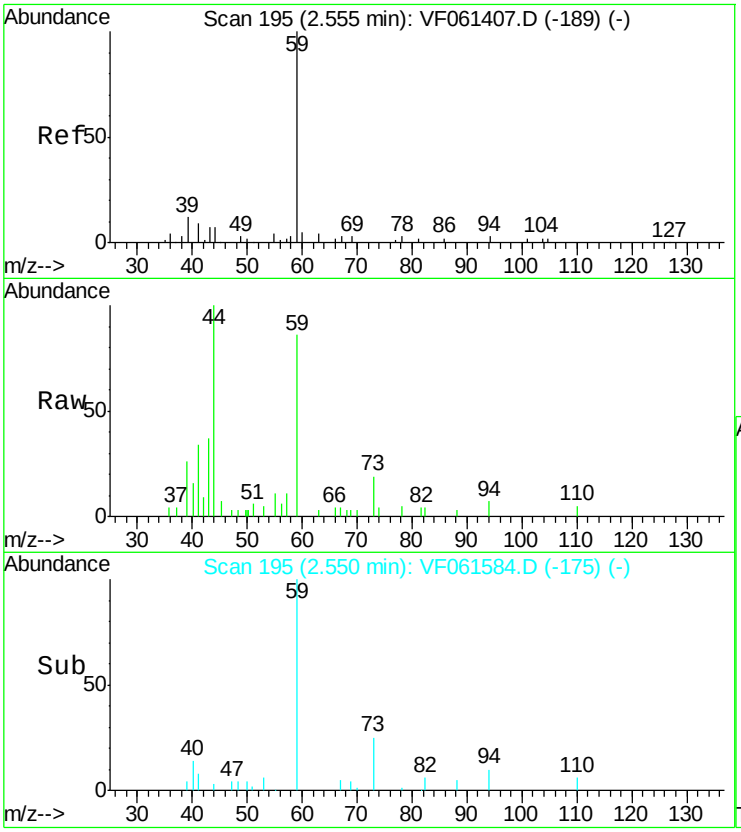


#10
Methyl Iodide
Concen: 20.323 ug/l m
RT: 1.91 min Scan# 130
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:142 Resp: 64867

Ion	Ratio	Lower	Upper
142	100		
127	70.7	50.7	76.1
141	17.3	11.8	17.6



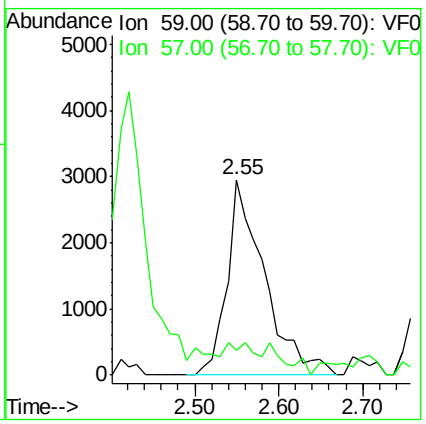


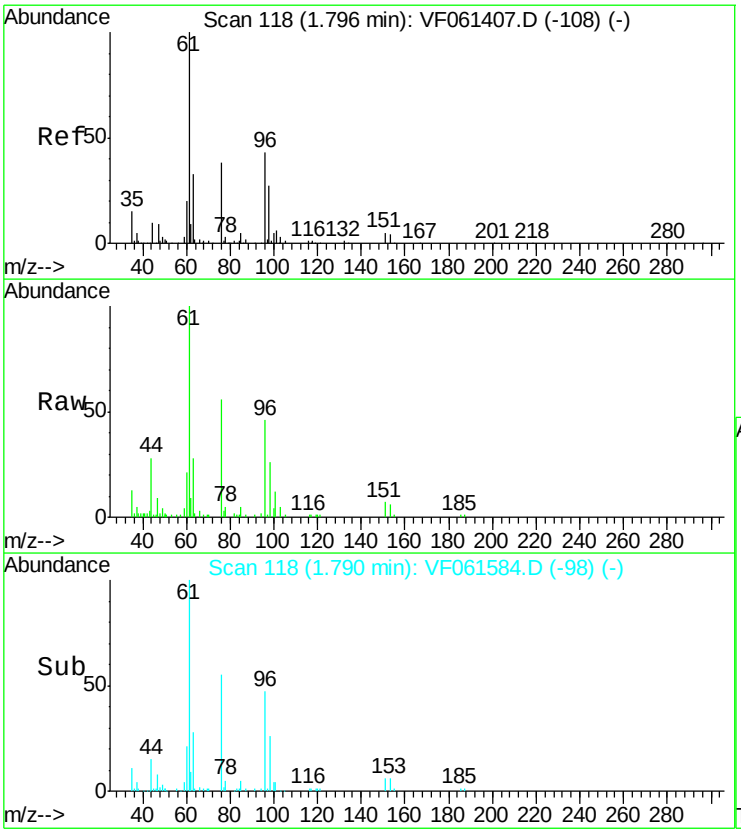
#11
Tert butyl alcohol
Concen: 101.630 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 59 Resp: 9134

Ion	Ratio	Lower	Upper
59	100		
57	12.6	11.9	17.9

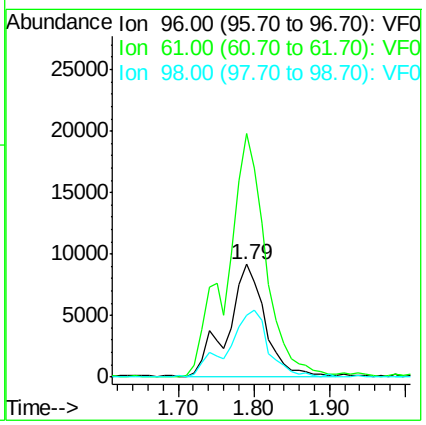


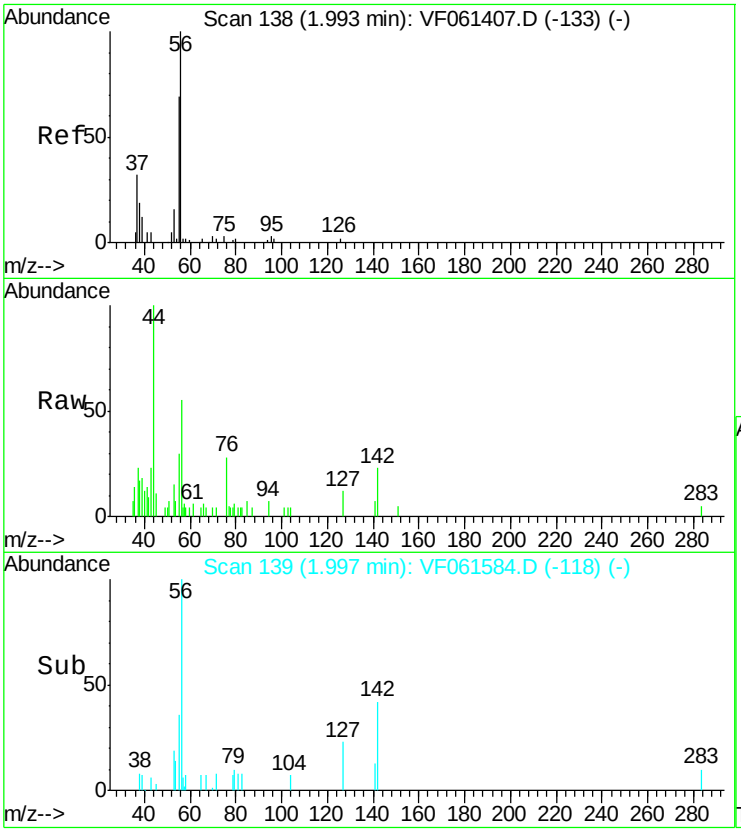


#12
1,1-Dichloroethene
Concen: 20.729 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 96 Resp: 31706

Ion	Ratio	Lower	Upper
96	100		
61	216.0	186.9	280.3
98	55.2	53.0	79.4



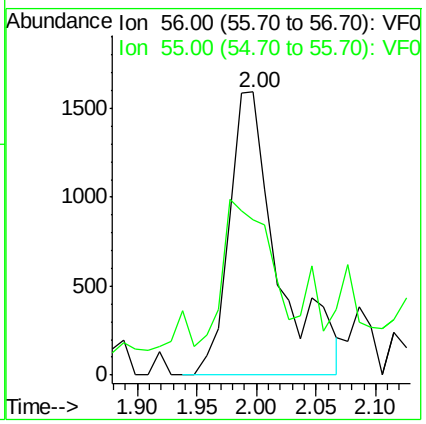


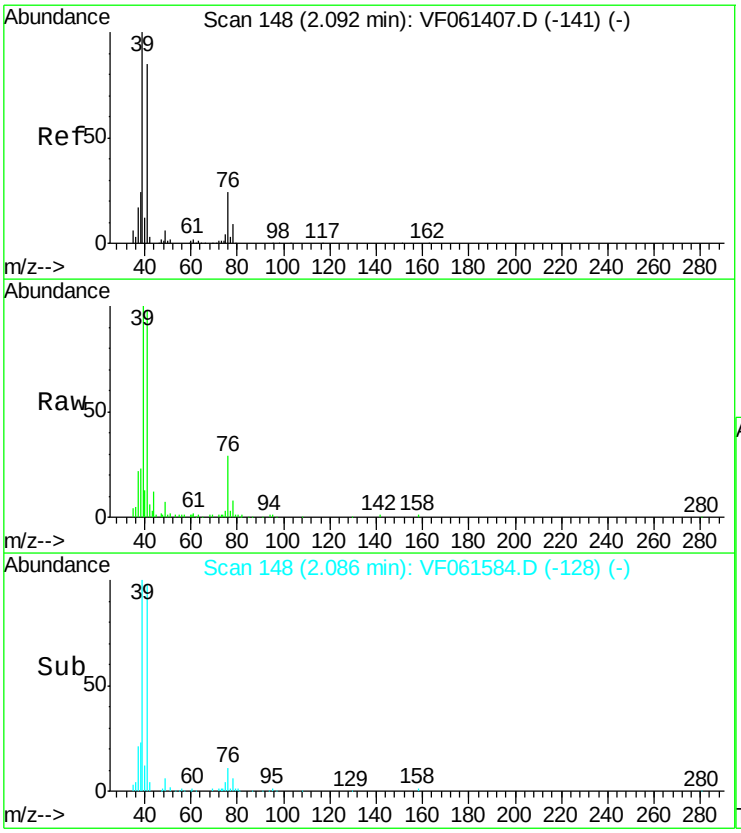
#13
Acrolein
Concen: 66.484 ug/l m
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 56 Resp: 4534

Ion	Ratio	Lower	Upper
56	100		
55	54.7	57.5	86.3#

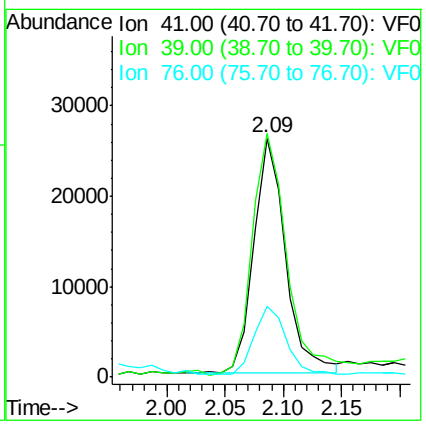


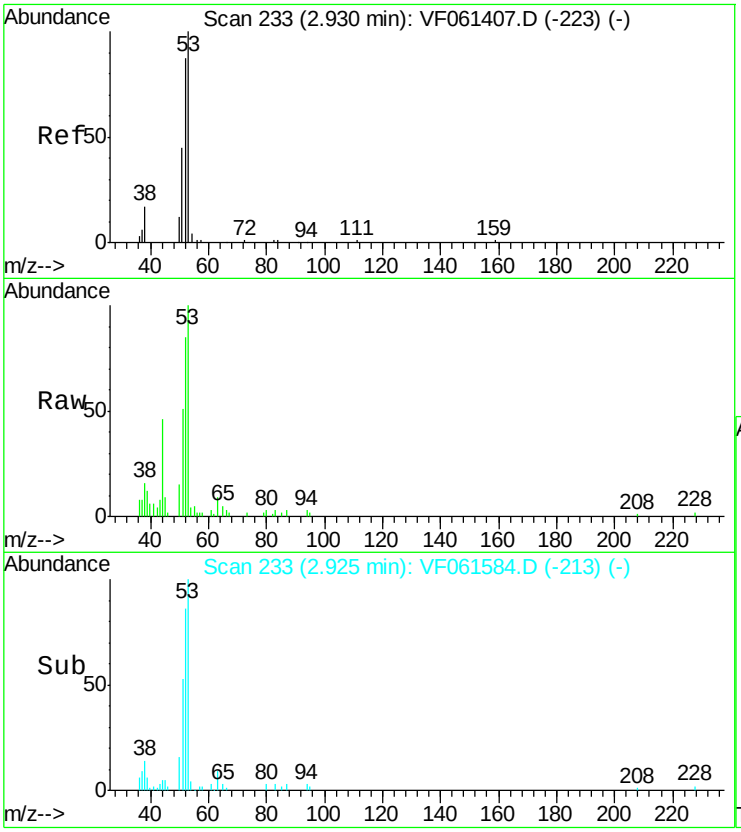


#14
Allyl chloride
Concen: 28.749 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 41 Resp: 49382

Ion	Ratio	Lower	Upper
41	100		
39	102.1	94.6	141.8
76	29.6	25.9	38.9



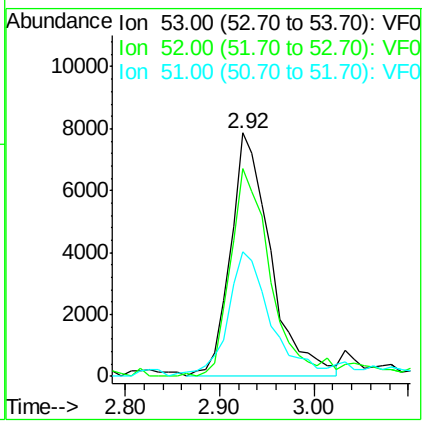


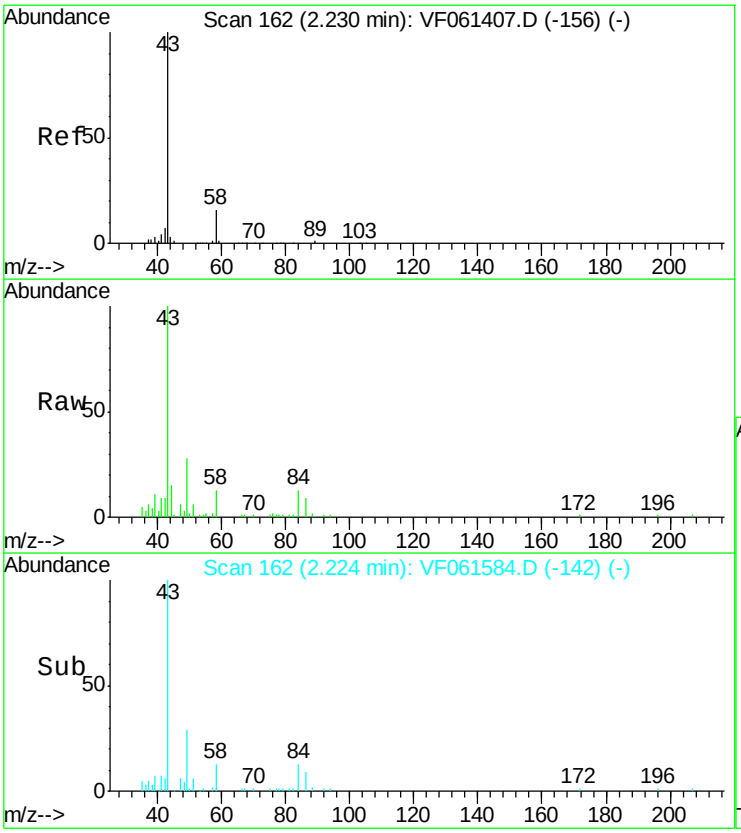
#15
Acrylonitrile
Concen: 100.718 ug/l
RT: 2.92 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 53 Resp: 23187

Ion	Ratio	Lower	Upper
53	100		
52	85.5	69.6	104.4
51	51.2	36.8	55.2

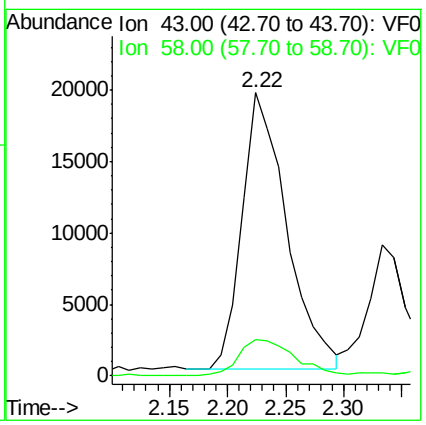


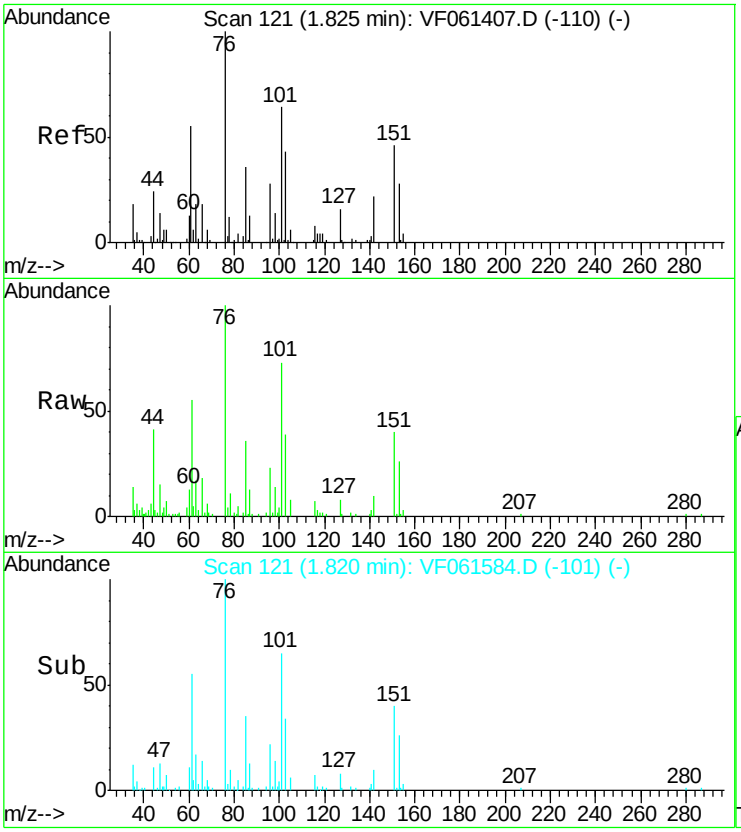


#16
Acetone
Concen: 121.167 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 43 Resp: 51612

Ion	Ratio	Lower	Upper
43	100		
58	13.0	13.3	19.9#



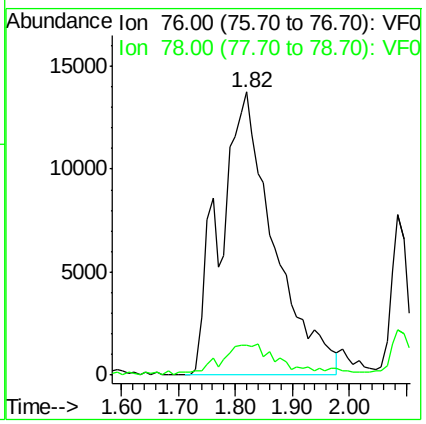


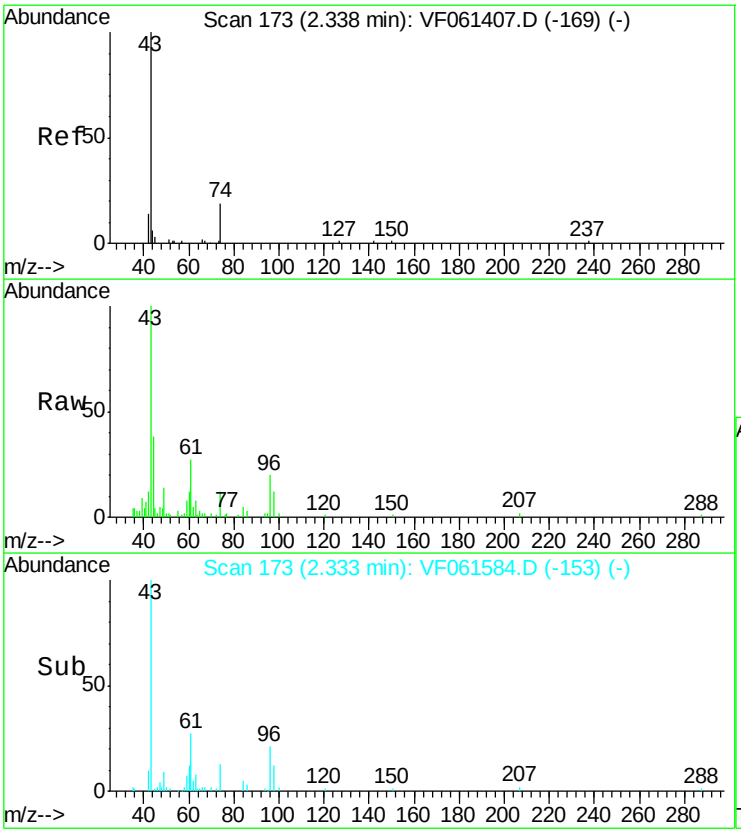
#17
Carbon Disulfide
Concen: 18.886 ug/l m
RT: 1.82 min Scan# 121
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 76 Resp: 90072

Ion	Ratio	Lower	Upper
76	100		
78	10.6	9.6	14.4

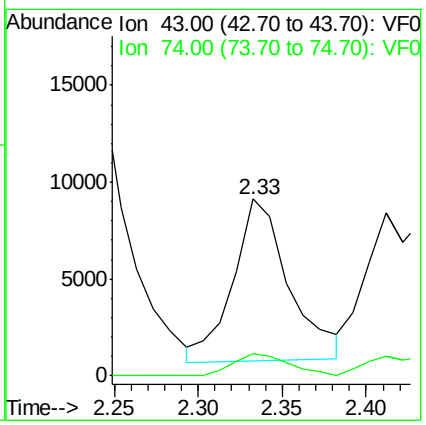


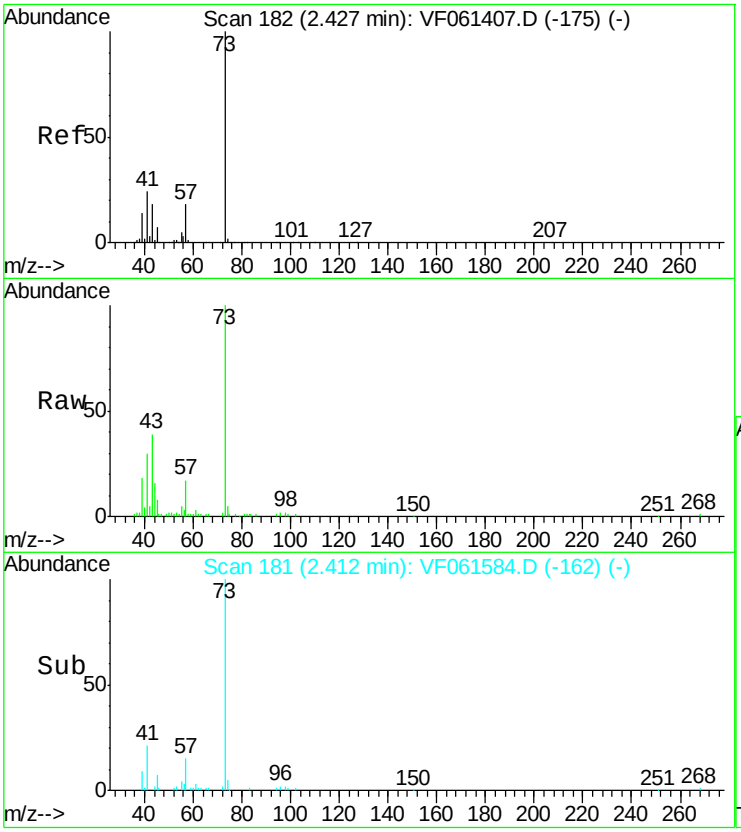


#18
Methyl Acetate
Concen: 23.014 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 43 Resp: 19441

Ion	Ratio	Lower	Upper
43	100		
74	12.5	13.4	20.0#



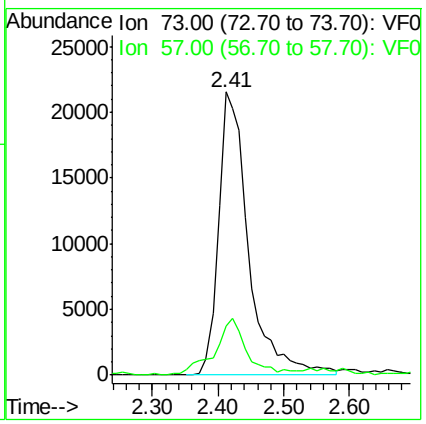


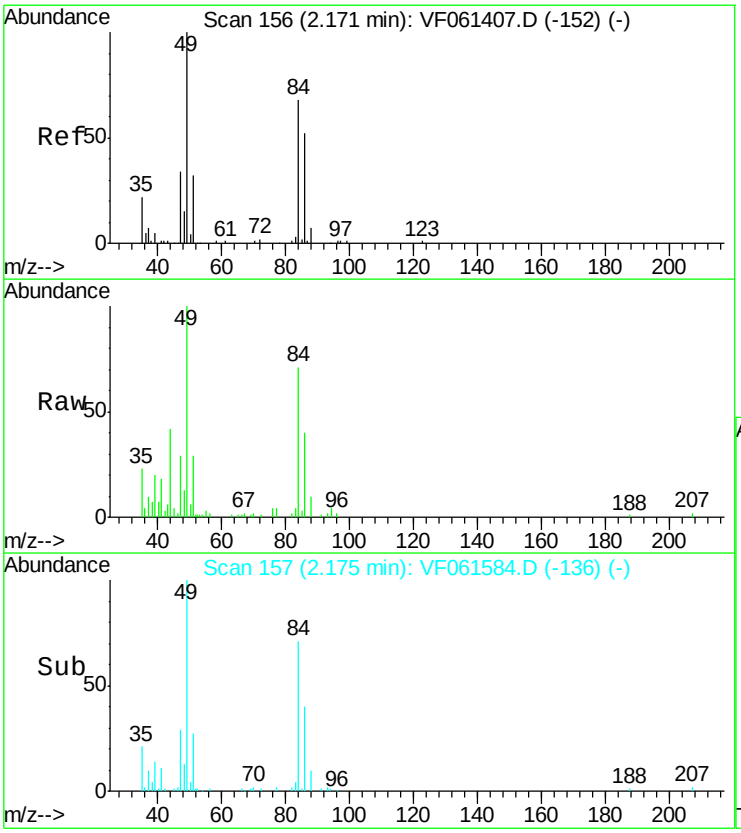
#19
Methyl tert-butyl Ether
Concen: 20.064 ug/l
RT: 2.41 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 73 Resp: 68798

Ion	Ratio	Lower	Upper
73	100		
57	17.3	14.8	22.2

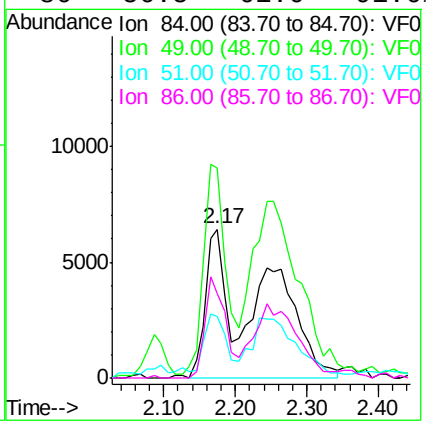


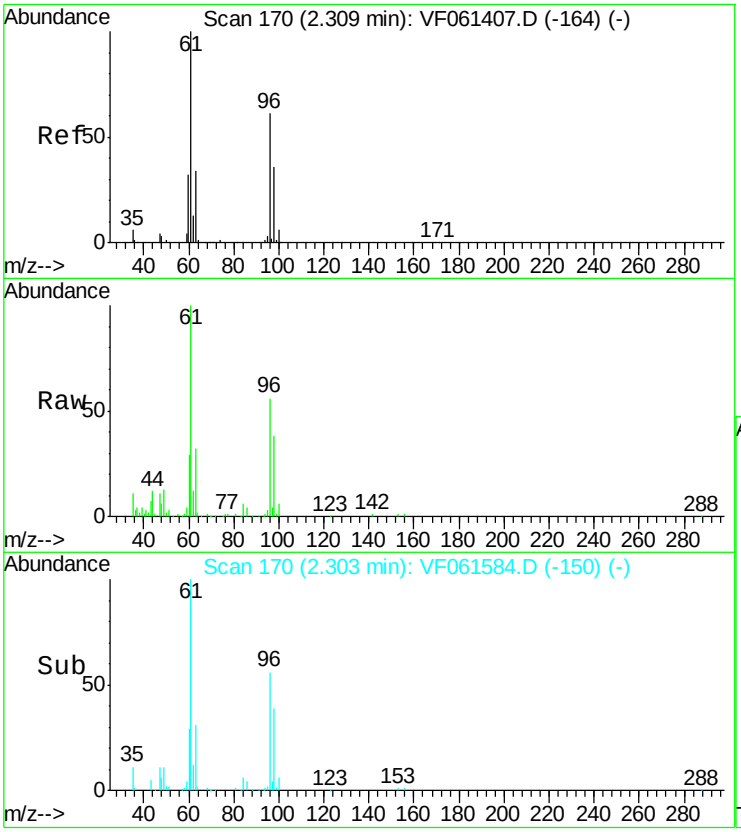


#20
Methylene Chloride
Concen: 22.514 ug/l m
RT: 2.17 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 84 Resp: 33950

Ion	Ratio	Lower	Upper
84	100		
49	141.5	120.0	180.0
51	41.0	38.6	58.0
86	56.5	61.0	91.6#



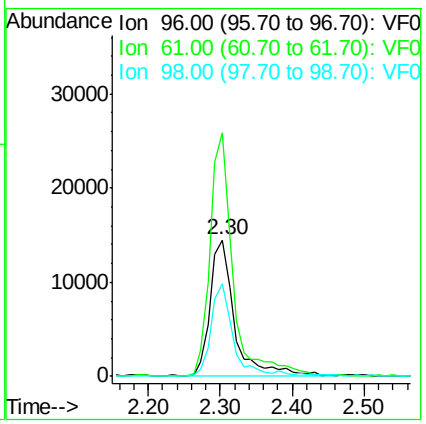


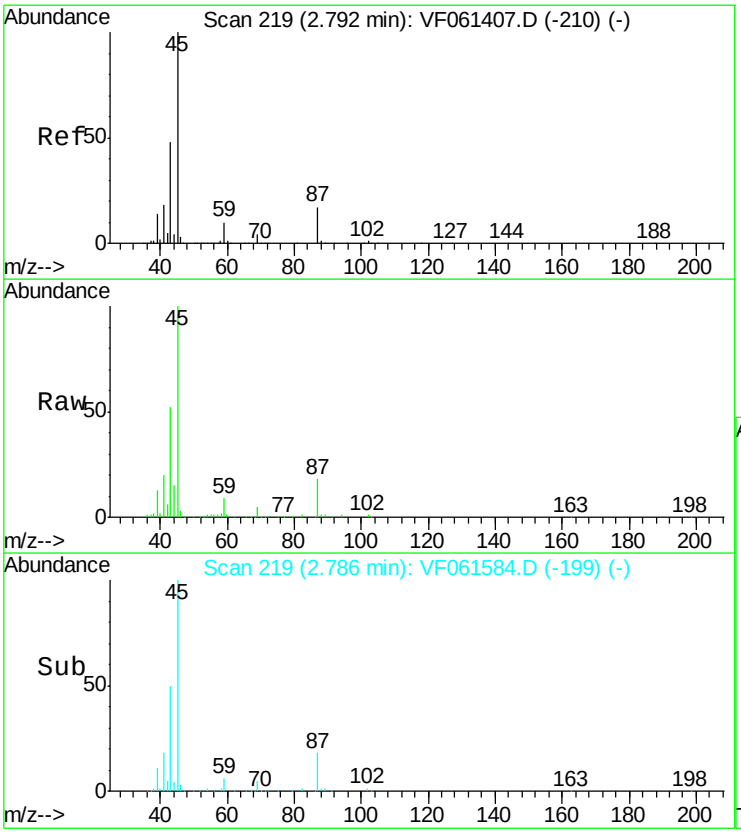
#21
trans-1,2-Dichloroethene
Concen: 20.326 ug/l
RT: 2.30 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 96 Resp: 34206

Ion	Ratio	Lower	Upper
96	100		
61	178.5	131.8	197.8
98	68.2	47.4	71.0

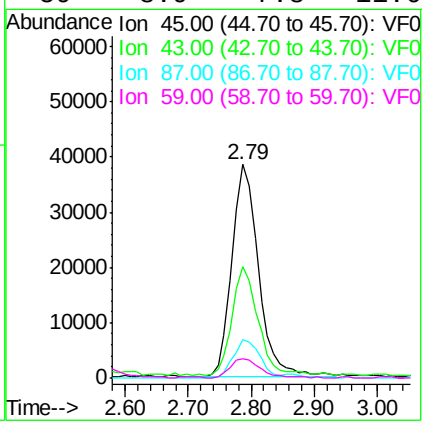


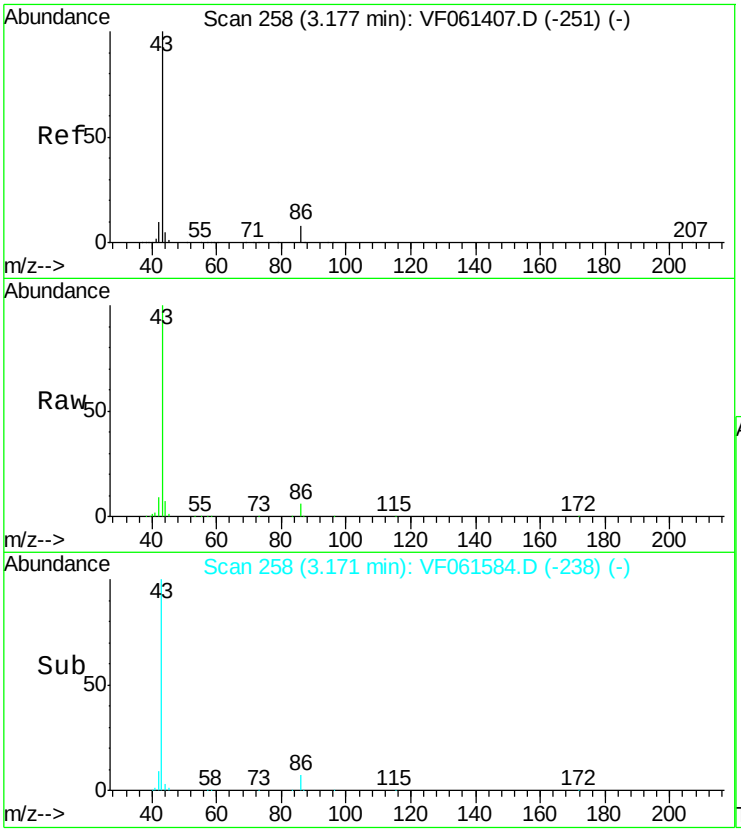


#22
Diisopropyl ether
Concen: 20.769 ug/l
RT: 2.79 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 45 Resp: 113052

Ion	Ratio	Lower	Upper
45	100		
43	52.2	39.0	58.6
87	18.1	13.9	20.9
59	8.9	7.8	11.6



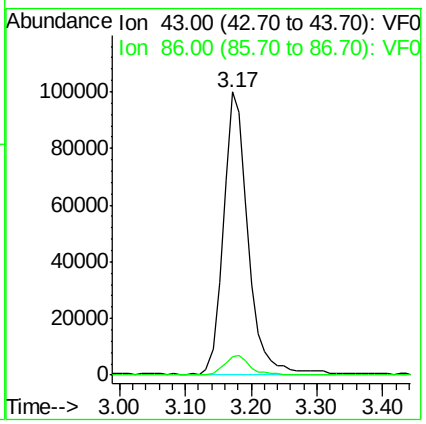


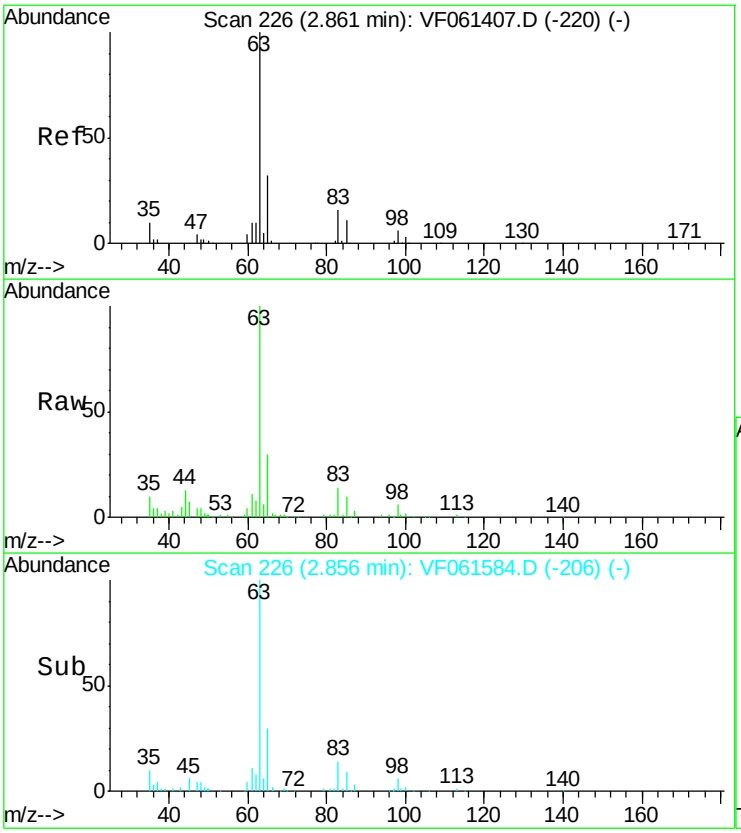
#23
Vinyl Acetate
Concen: 109.875 ug/l
RT: 3.17 min Scan# 258
Delta R.T. -0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 43 Resp: 258722

Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.2	9.4

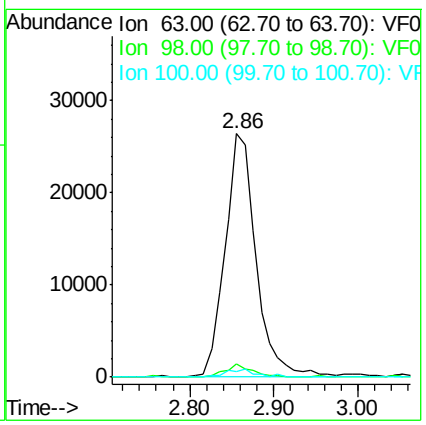


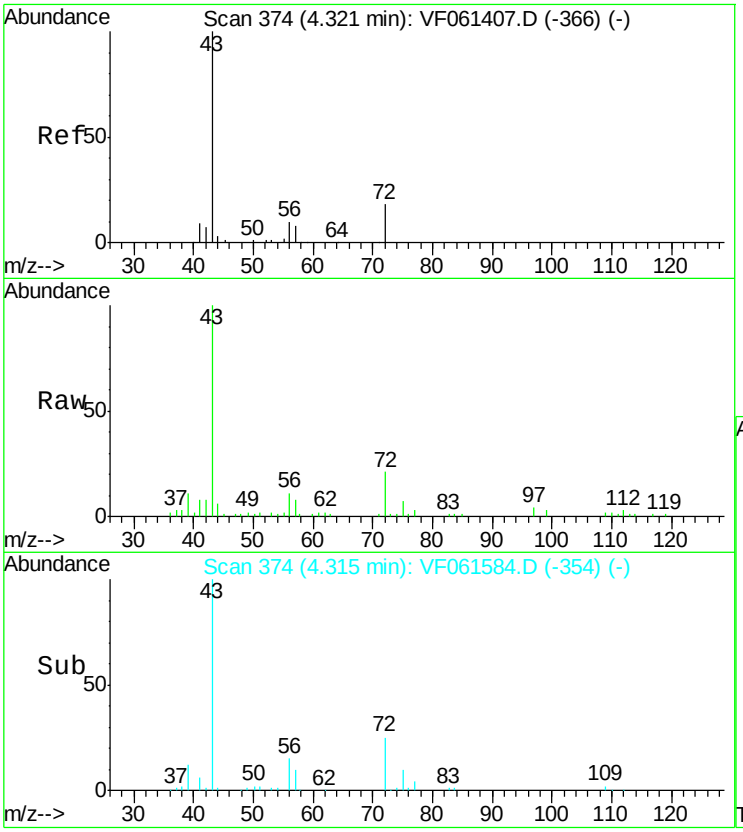


#24
1,1-Dichloroethane
Concen: 19.819 ug/l
RT: 2.86 min Scan# 226
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 63 Resp: 67708

Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.9	8.8
100	2.4	1.6	4.8



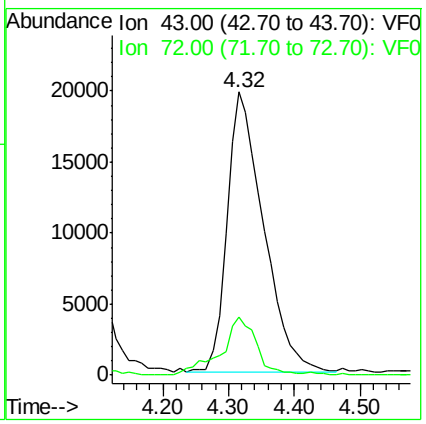


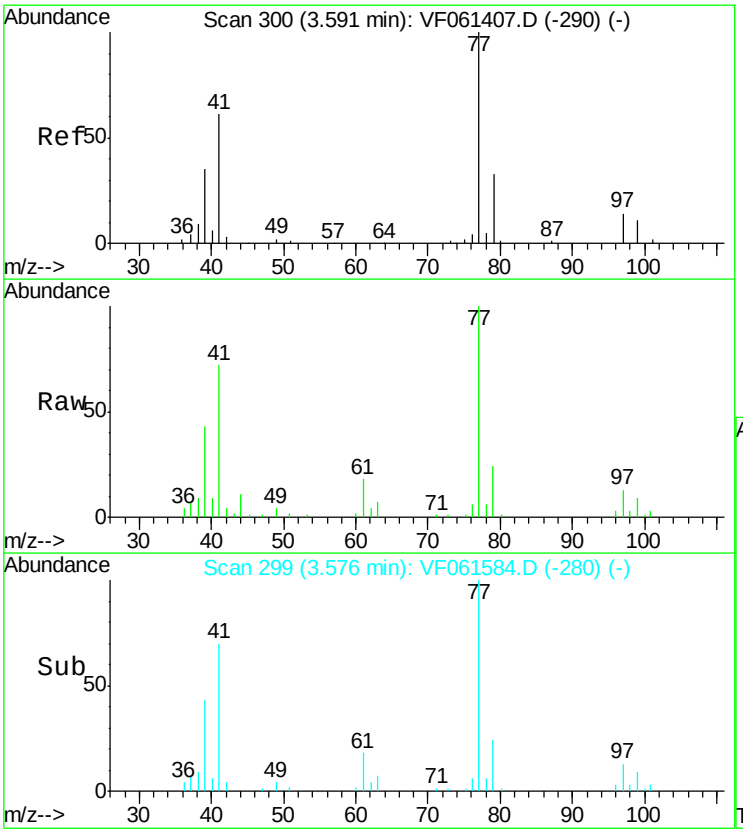
#25
2-Butanone
Concen: 108.543 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 43 Resp: 76887

Ion	Ratio	Lower	Upper
43	100		
72	20.6	15.8	23.6

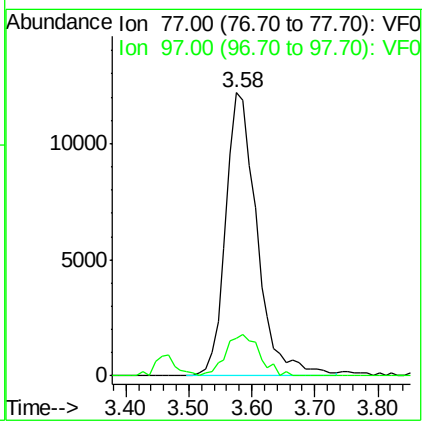


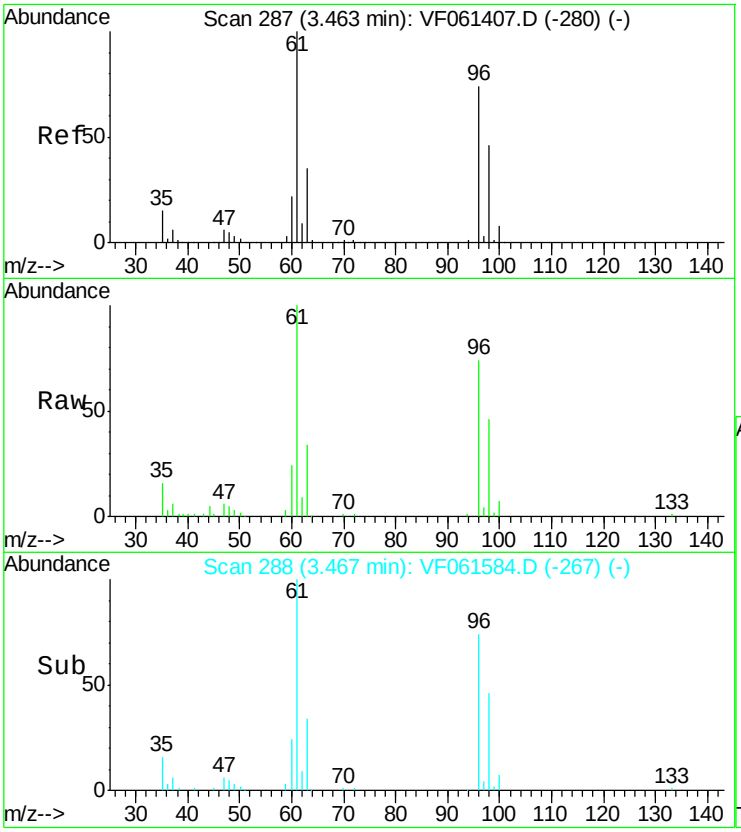


#26
2,2-Dichloropropane
Concen: 19.974 ug/l
RT: 3.58 min Scan# 299
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 77 Resp: 41924

Ion	Ratio	Lower	Upper
77	100		
97	13.4	8.5	25.5



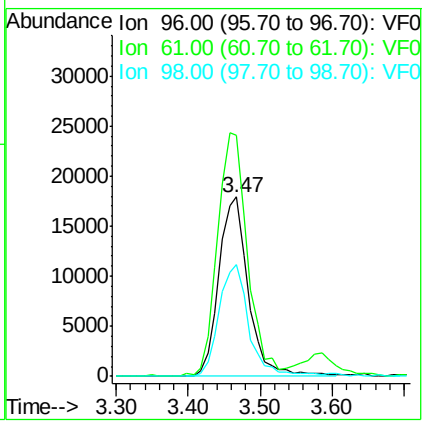


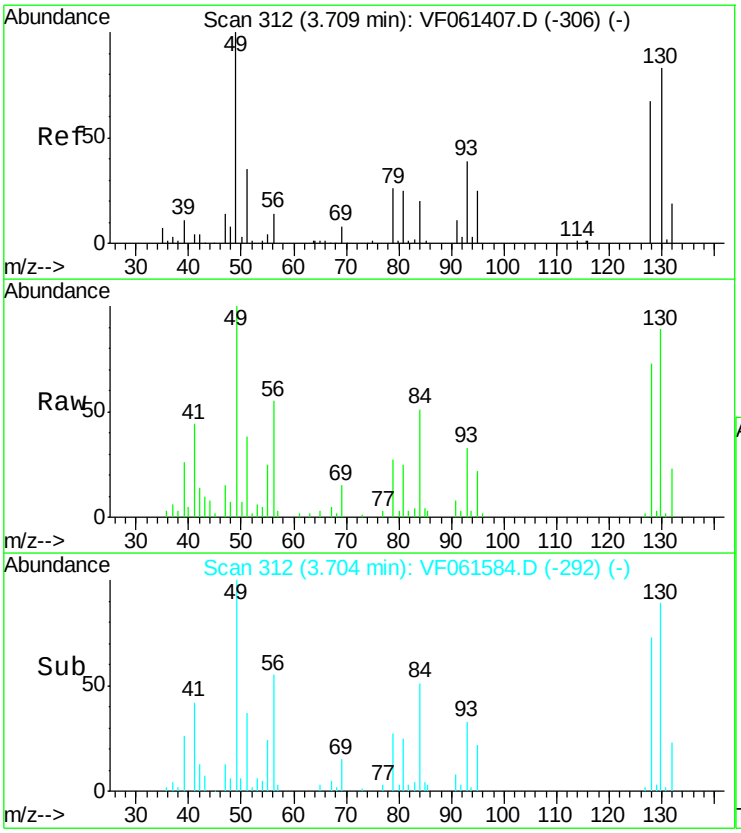
#27
cis-1,2-Dichloroethene
Concen: 20.424 ug/l
RT: 3.47 min Scan# 288
Delta R.T. 0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 96 Resp: 50738

Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	270.2
98	62.0	0.0	124.0

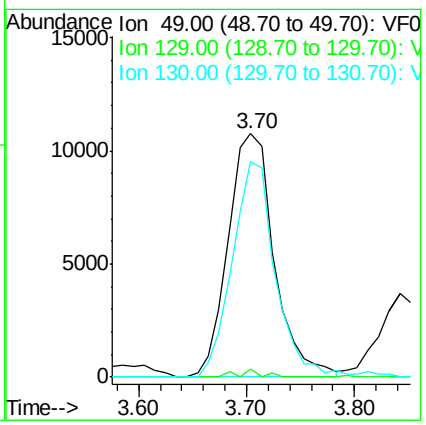


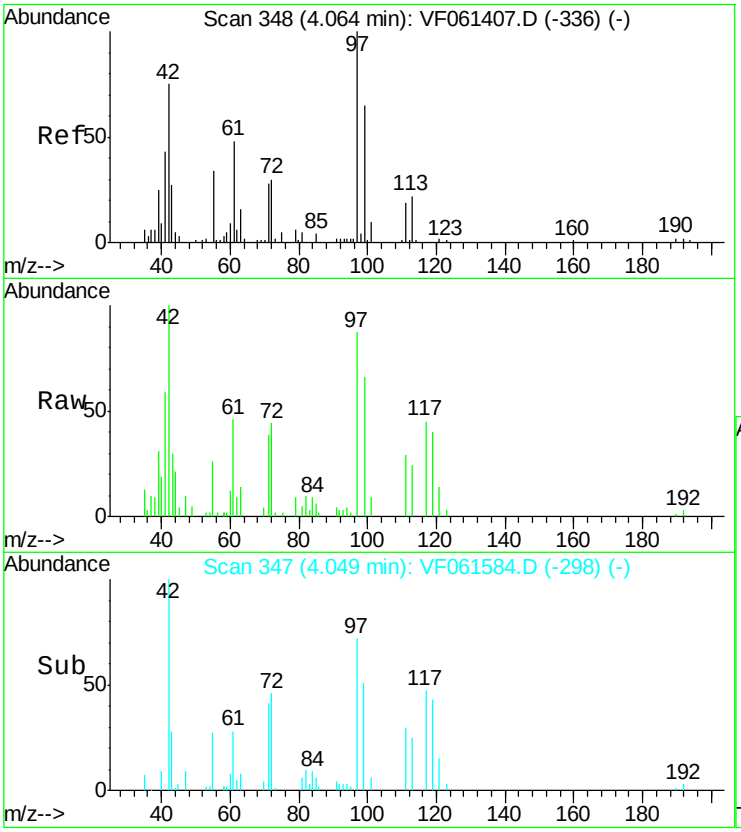


#28
Bromochloromethane
Concen: 20.789 ug/l
RT: 3.70 min Scan# 312
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 49 Resp: 31925

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	0.0#
130	88.7	65.4	98.2



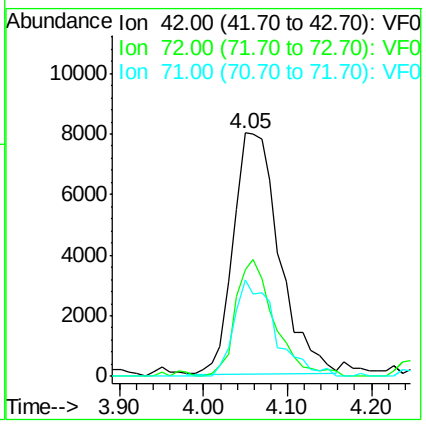


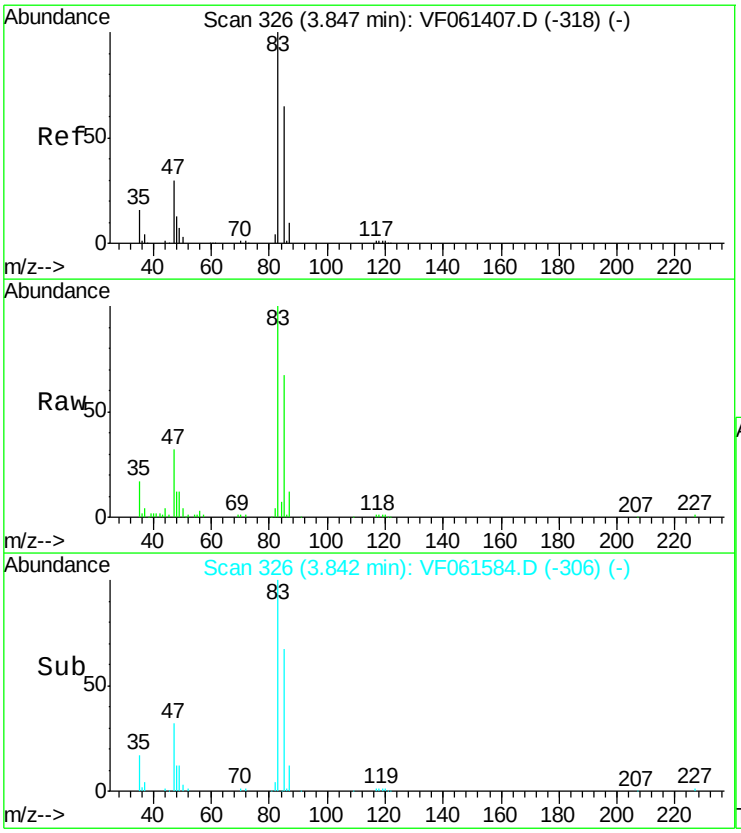
#29
Tetrahydrofuran
Concen: 100.222 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 42 Resp: 30569

Ion	Ratio	Lower	Upper
42	100		
72	40.6	28.9	43.3
71	35.3	29.6	44.4

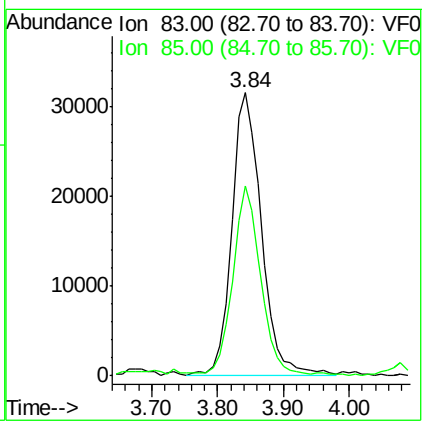


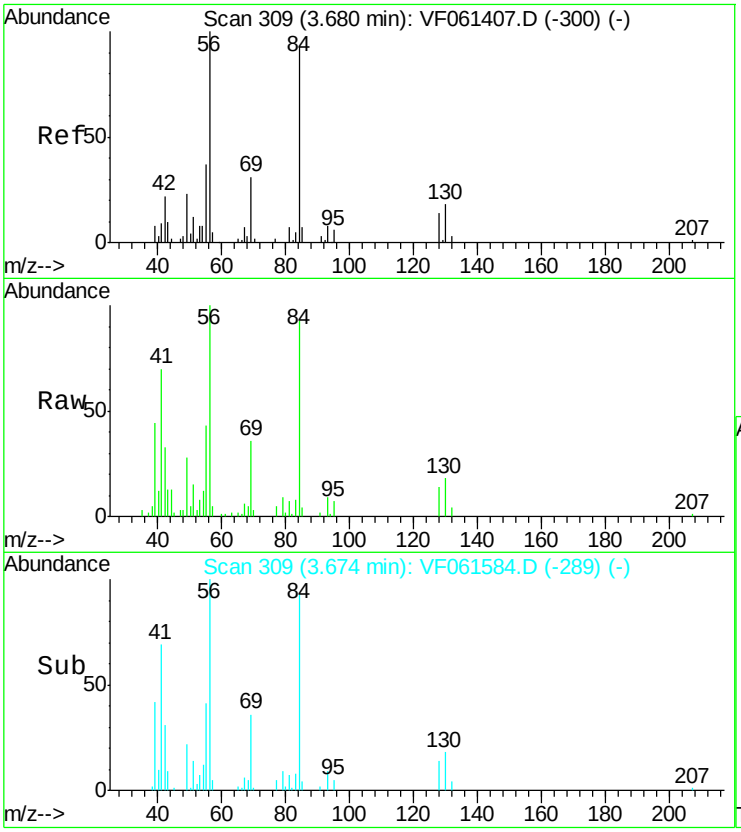


#30
Chloroform
Concen: 21.722 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 83 Resp: 100150

Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.7	79.1



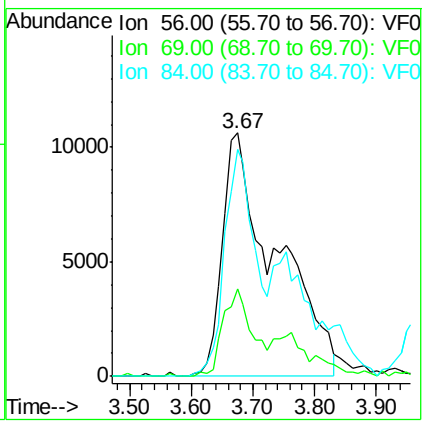


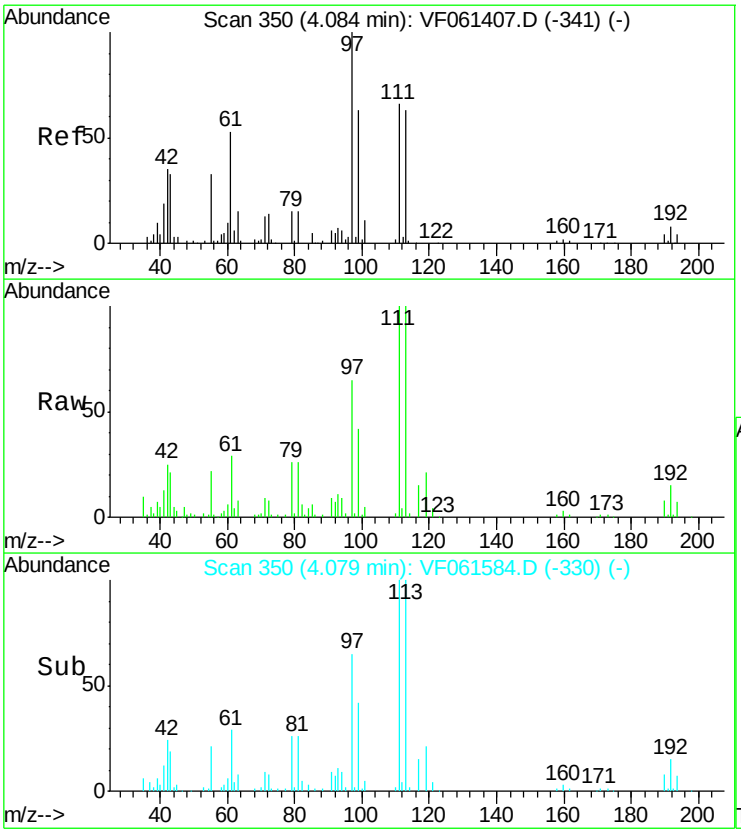
#31
Cyclohexane
Concen: 18.866 ug/l m
RT: 3.67 min Scan# 309
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 56 Resp: 64382

Ion	Ratio	Lower	Upper
56	100		
69	35.7	24.6	36.8
84	93.5	74.2	111.2

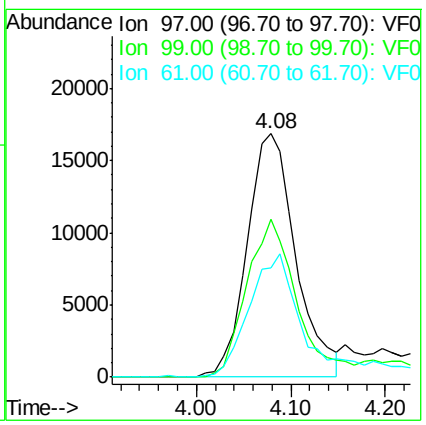


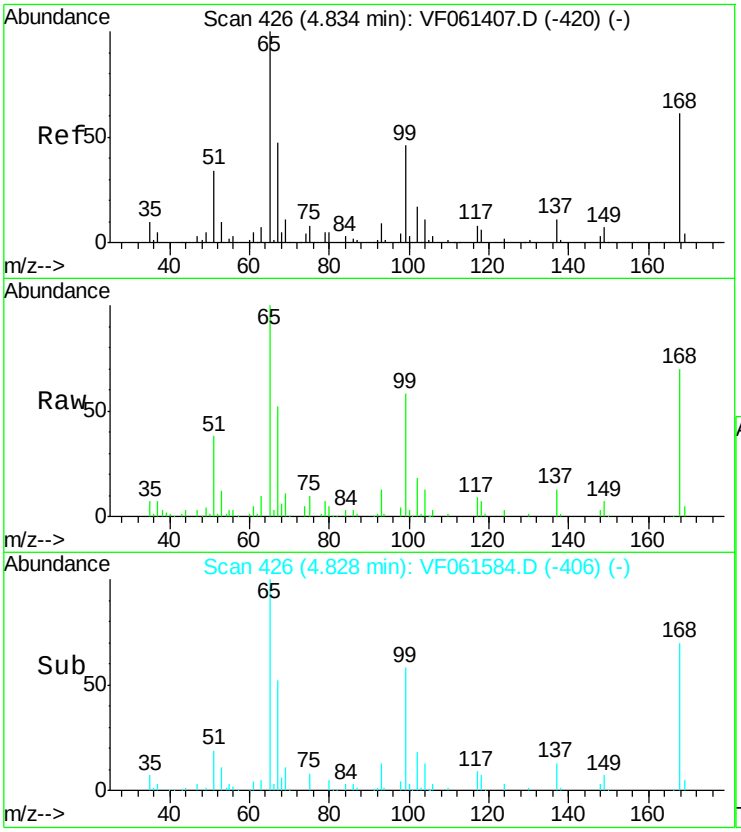


#32
1,1,1-Trichloroethane
Concen: 17.839 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 97 Resp: 60307

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.1	75.1
61	44.9	43.1	64.7



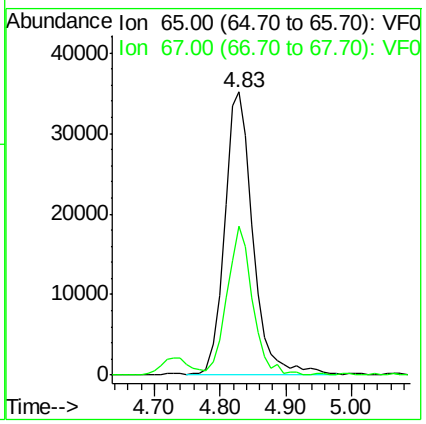


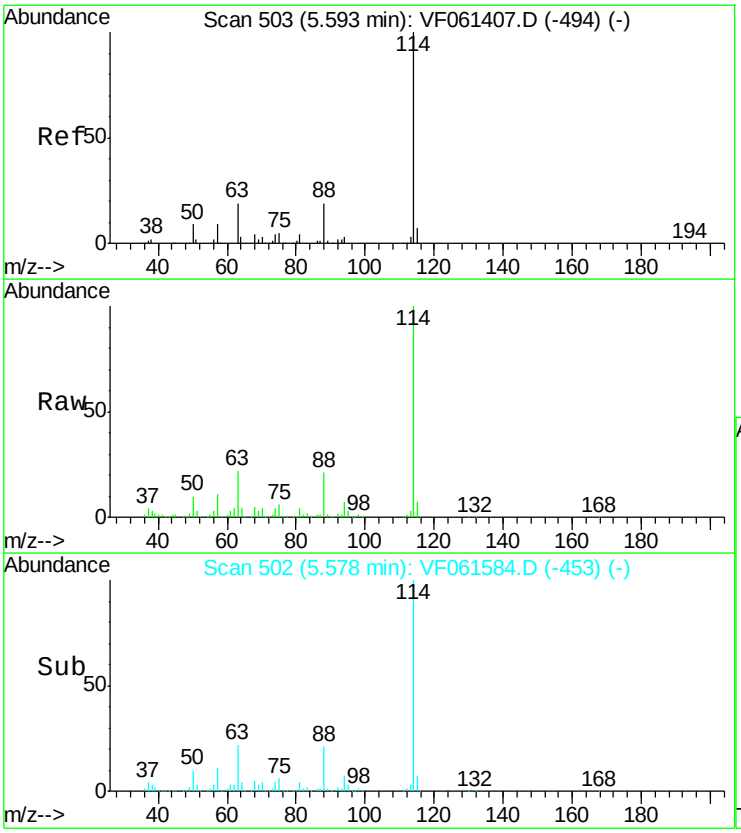
#33
1,2-Dichloroethane-d4
Concen: 49.802 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 65 Resp: 105745

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	99.8

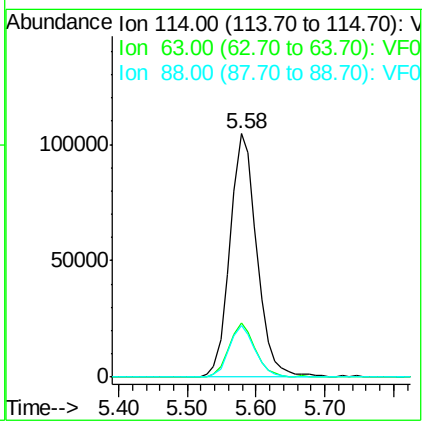


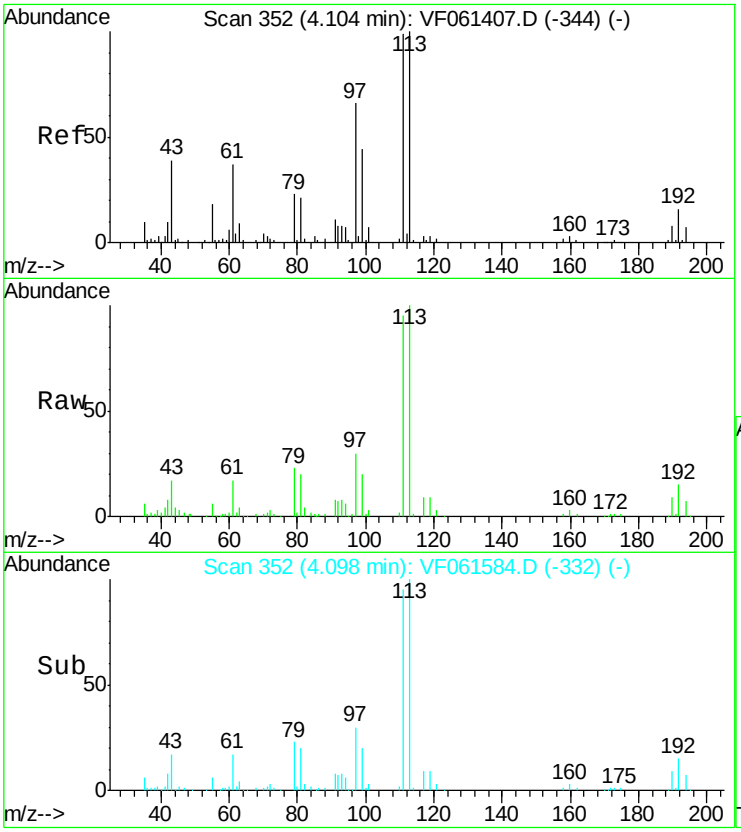


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:114 Resp: 283818

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	39.0
88	21.0	0.0	37.4



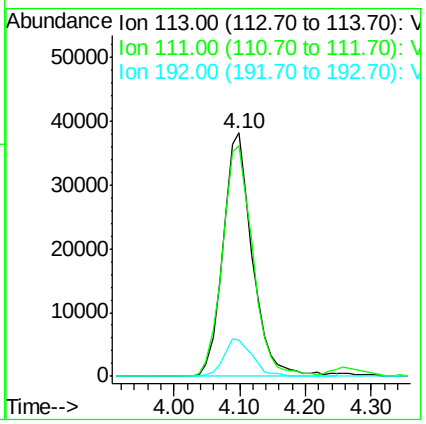


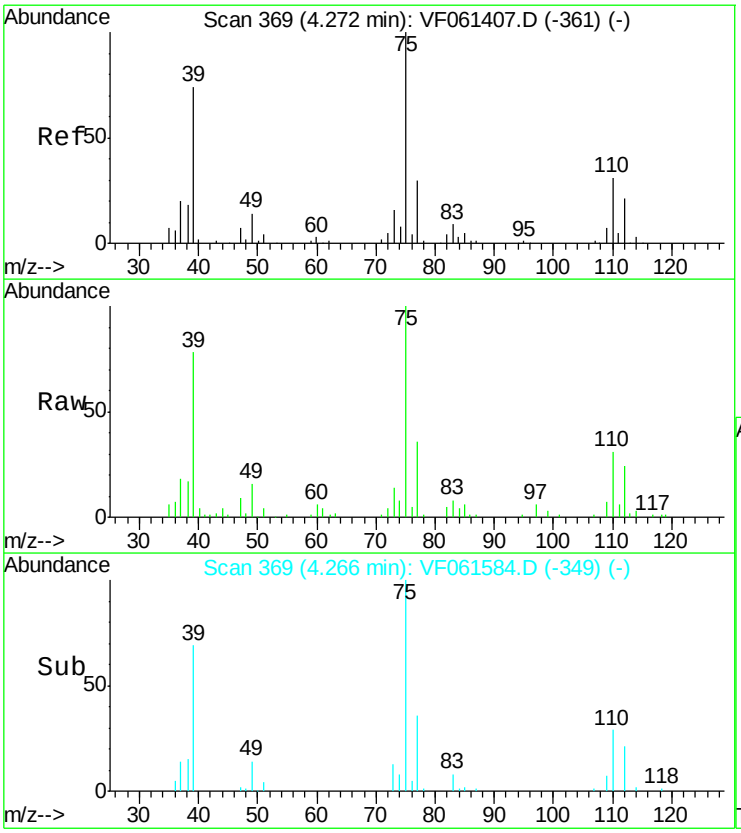
#35
Dibromofluoromethane
Concen: 53.242 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:113 Resp: 119238

Ion	Ratio	Lower	Upper
113	100		
111	94.9	79.4	119.0
192	14.7	12.4	18.6

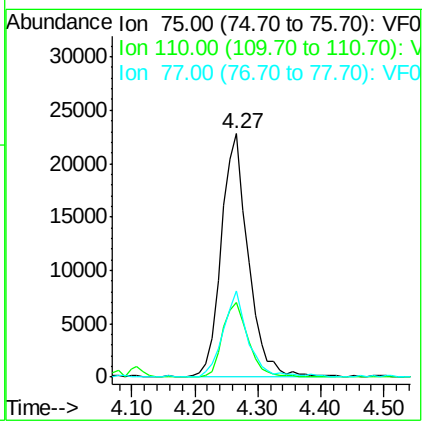


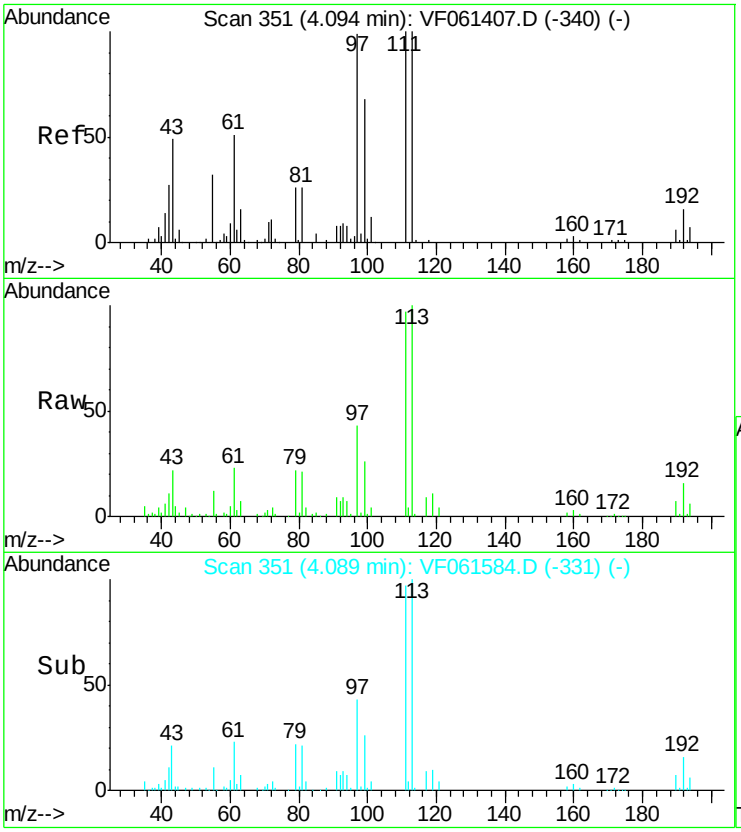


#36
1,1-Dichloropropene
Concen: 20.638 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 75 Resp: 67913

Ion	Ratio	Lower	Upper
75	100		
110	30.6	15.8	47.3
77	35.6	24.0	36.0



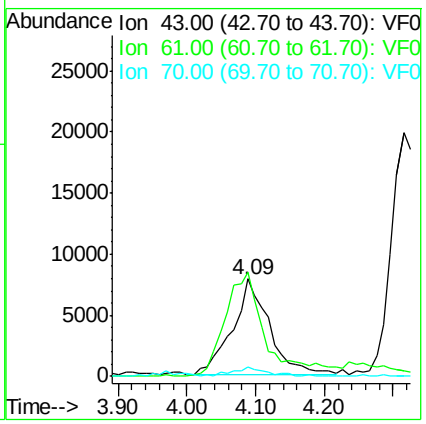


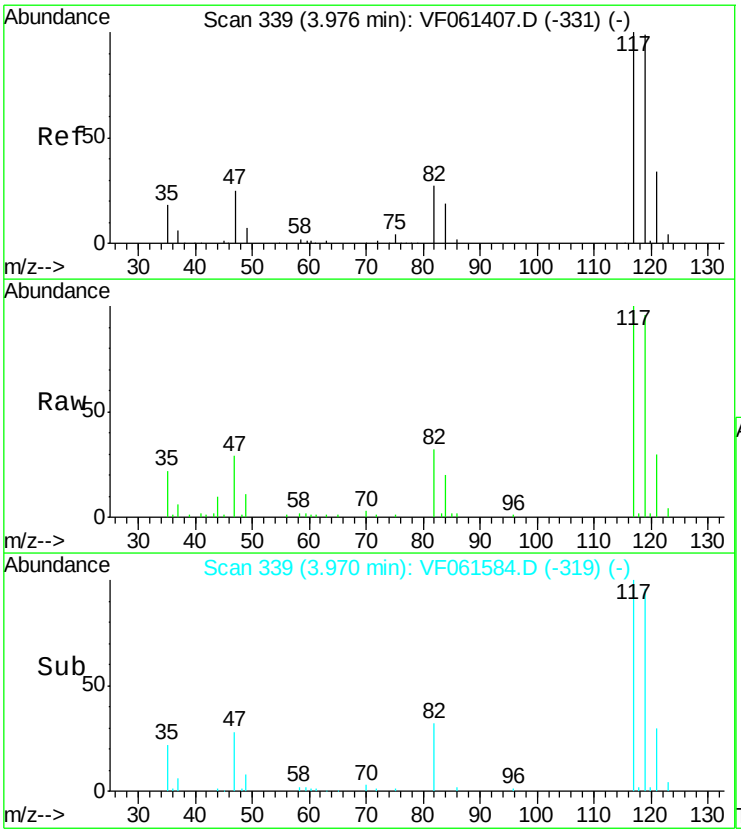
#37
Ethyl Acetate
Concen: 22.452 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 43 Resp: 29533

Ion	Ratio	Lower	Upper
43	100		
61	106.9	81.7	122.5
70	9.1	6.2	9.2

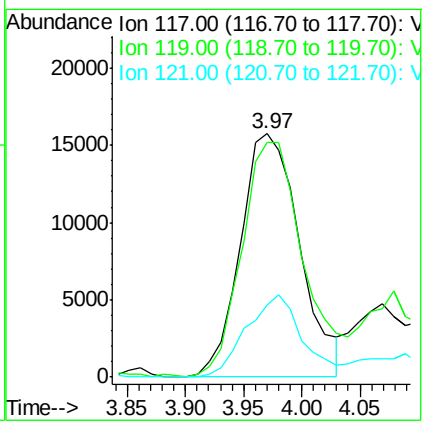


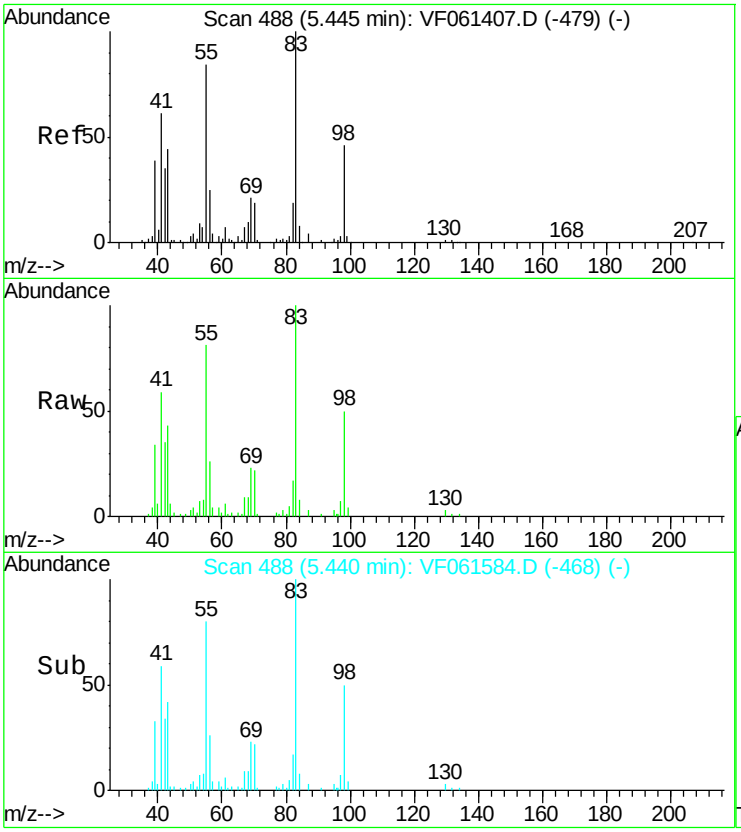


#38
Carbon Tetrachloride
Concen: 19.430 ug/l
RT: 3.97 min Scan# 339
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:117 Resp: 55898

Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.0	118.6
121	29.5	27.0	40.6



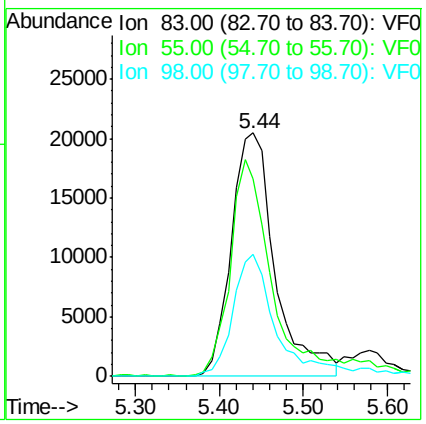


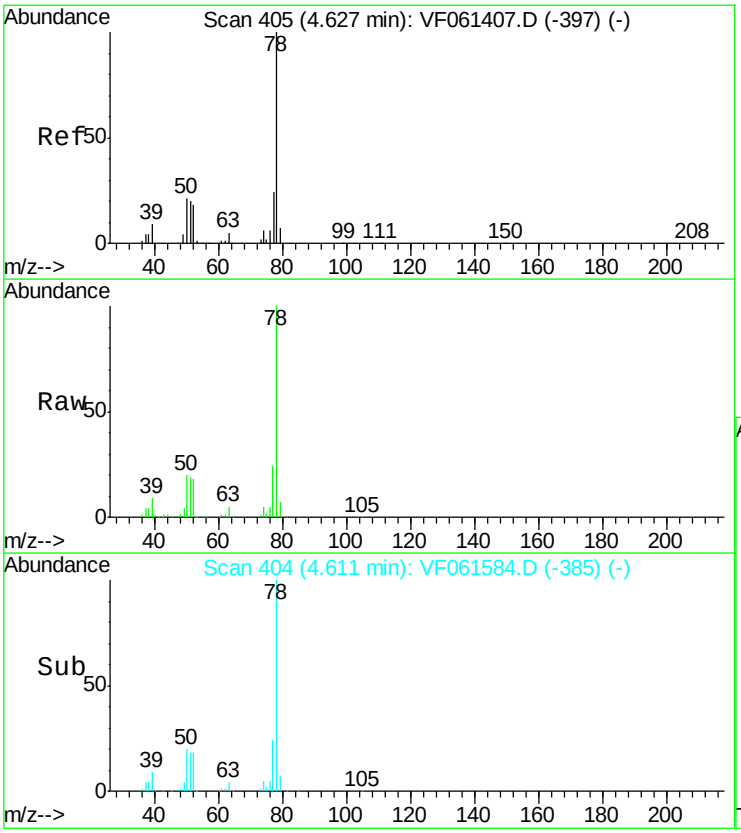
#39
Methylcyclohexane
Concen: 20.872 ug/l
RT: 5.44 min Scan# 488
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 83 Resp: 74434

Ion	Ratio	Lower	Upper
83	100		
55	81.1	67.4	101.2
98	50.3	36.7	55.1

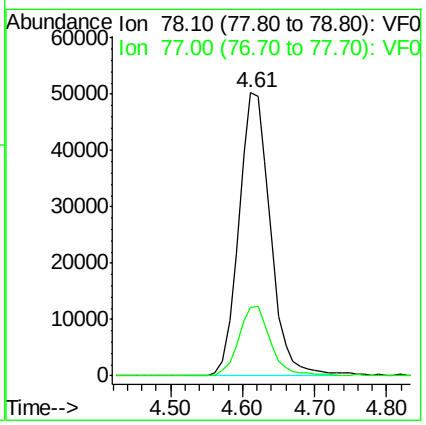


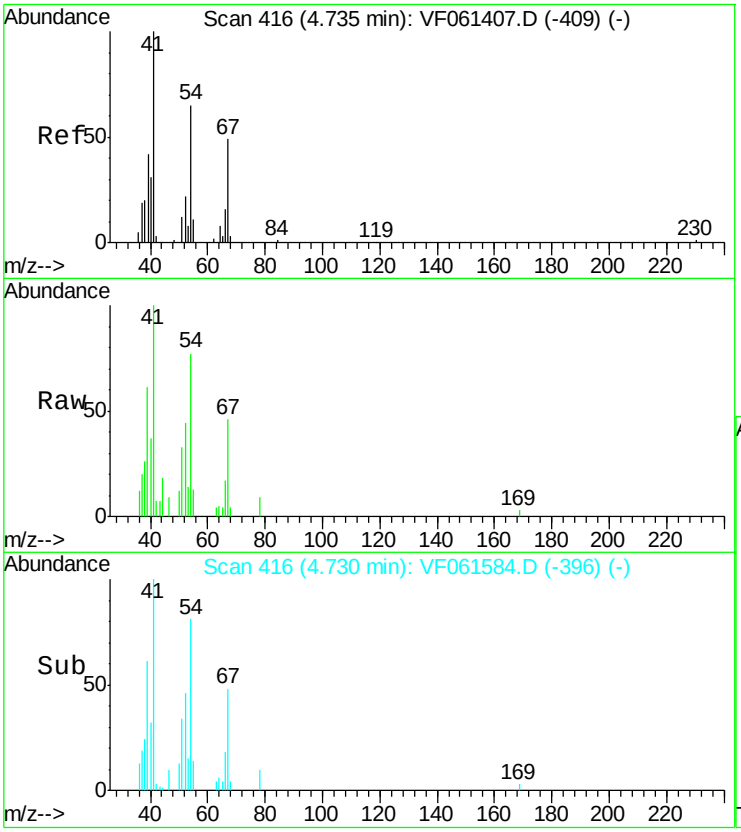


#40
Benzene
Concen: 20.954 ug/l
RT: 4.61 min Scan# 404
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 78 Resp: 153433

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6



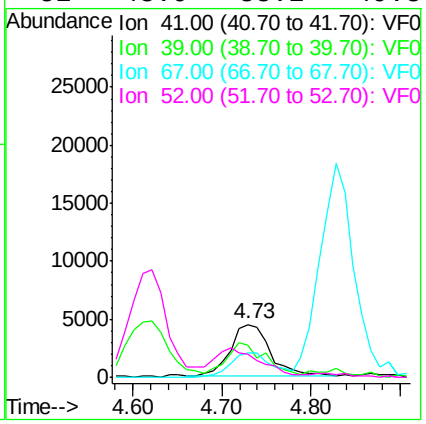


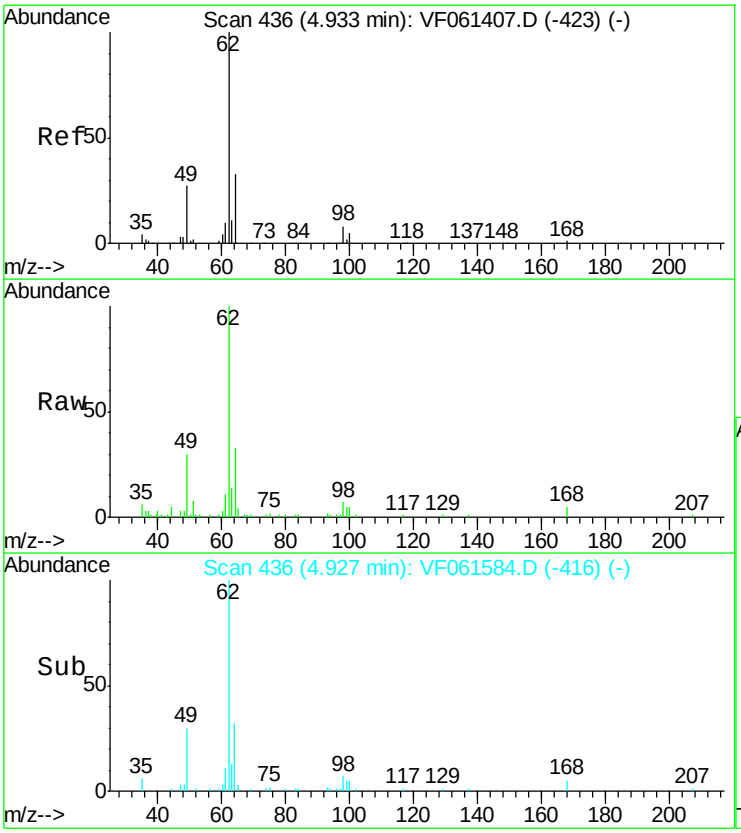
#41
Methacrylonitrile
Concen: 19.916 ug/l
RT: 4.73 min Scan# 416
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 41 Resp: 13940

Ion	Ratio	Lower	Upper
41	100		
39	61.1	43.1	64.7
67	46.1	38.8	58.2
52	43.9	33.2	49.8

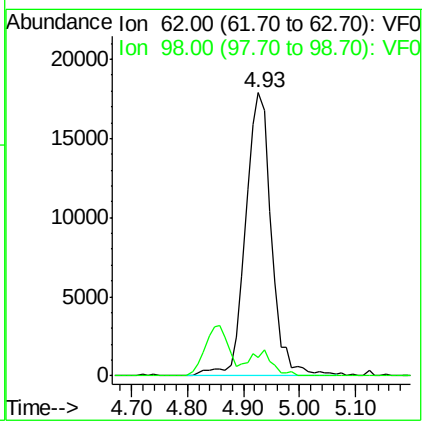


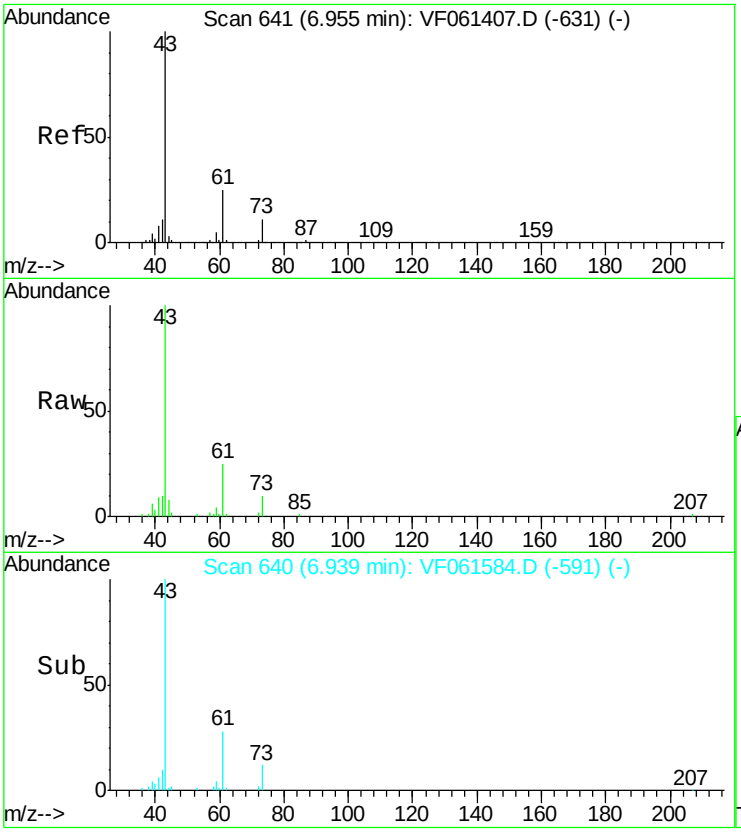


#42
1,2-Dichloroethane
Concen: 21.952 ug/l
RT: 4.93 min Scan# 436
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 62 Resp: 57279

Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	17.0



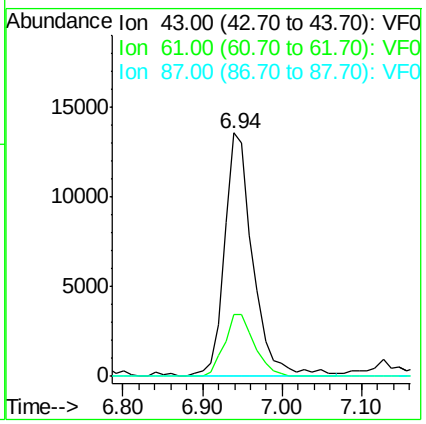


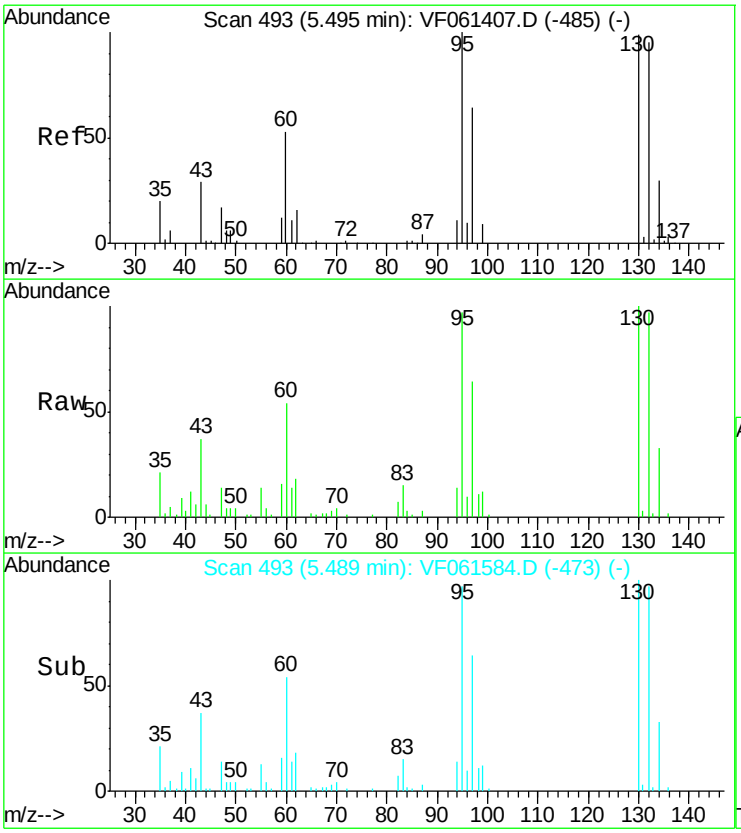
#43
Isopropyl Acetate
Concen: 20.631 ug/l
RT: 6.94 min Scan# 640
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 43 Resp: 34061

Ion	Ratio	Lower	Upper
43	100		
61	25.4	20.3	30.5
87	0.0	0.5	0.7#

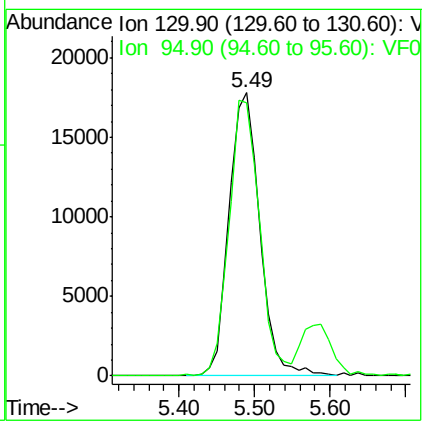


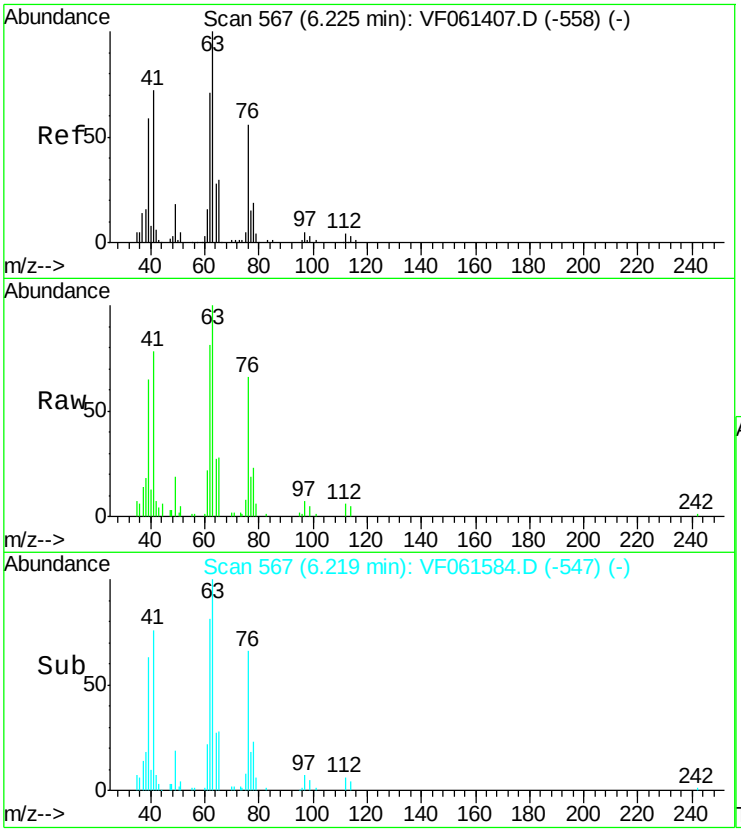


#44
Trichloroethene
Concen: 22.297 ug/l
RT: 5.49 min Scan# 493
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:130 Resp: 50086

Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	202.8



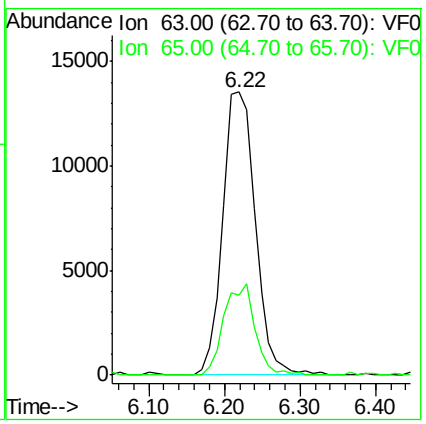


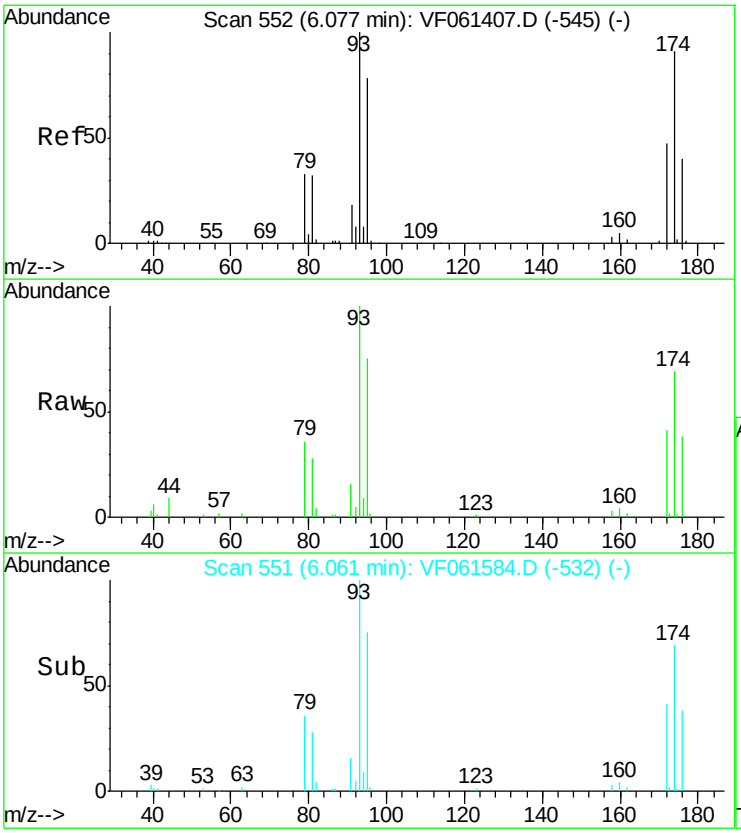
#45
1,2-Dichloropropane
Concen: 21.097 ug/l
RT: 6.22 min Scan# 567
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 63 Resp: 40545

Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.4	36.6

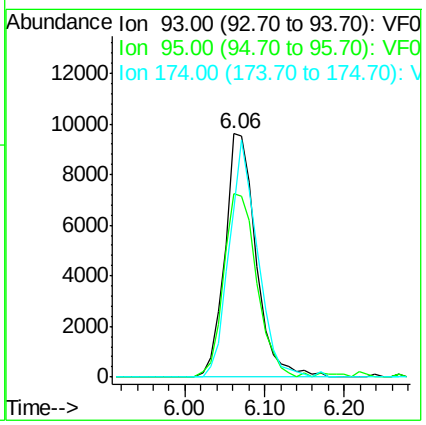


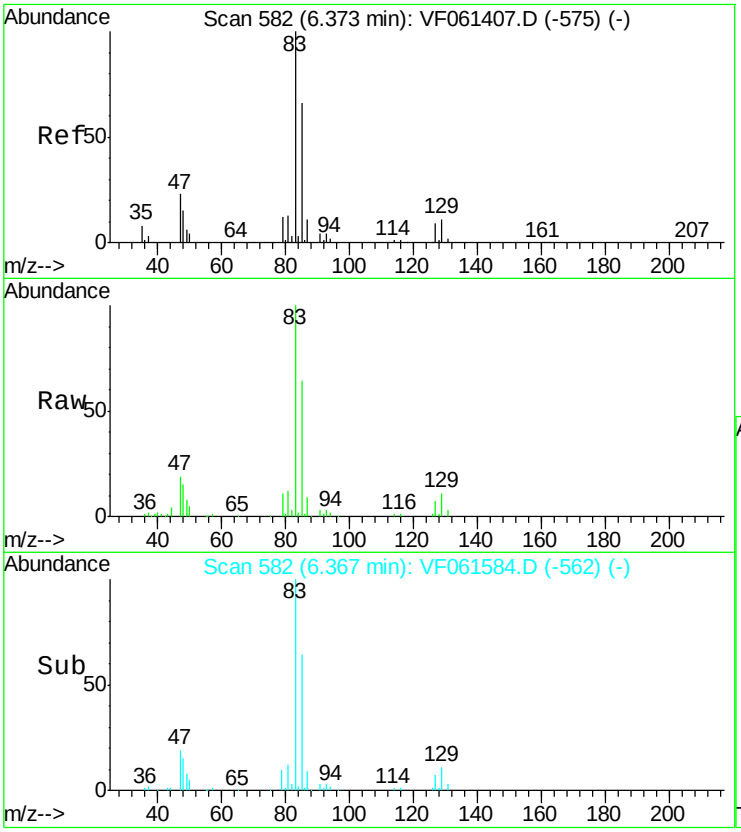


#46
Dibromomethane
Concen: 20.548 ug/l
RT: 6.06 min Scan# 551
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 93 Resp: 26258

Ion	Ratio	Lower	Upper
93	100		
95	75.2	62.1	93.1
174	70.6	74.6	111.8#



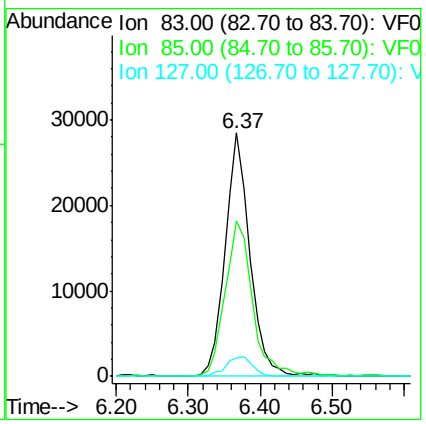


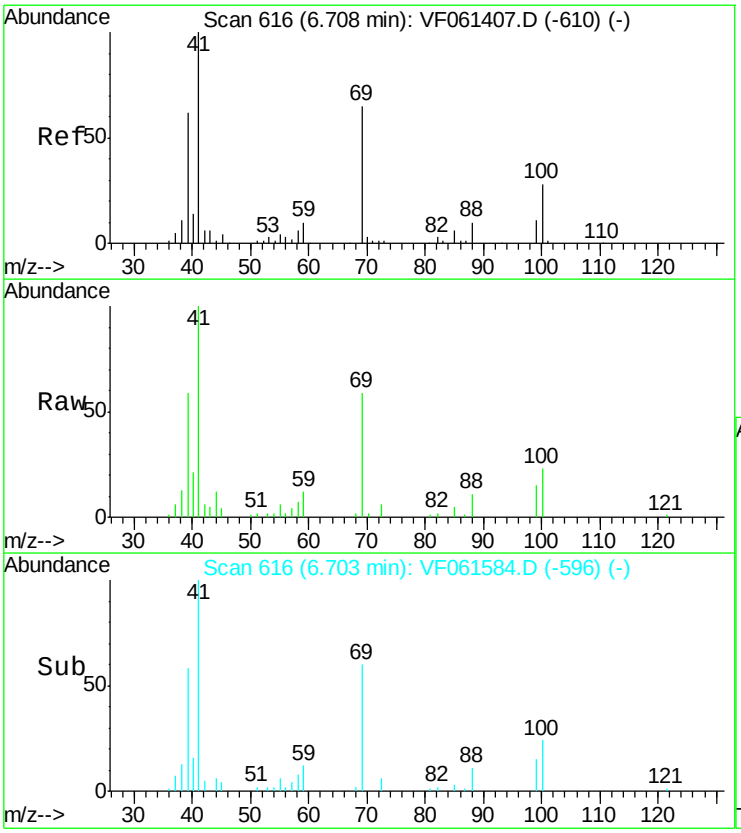
#47
Bromodichloromethane
Concen: 21.484 ug/l
RT: 6.37 min Scan# 582
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 83 Resp: 67926

Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4
127	7.4	6.9	10.3

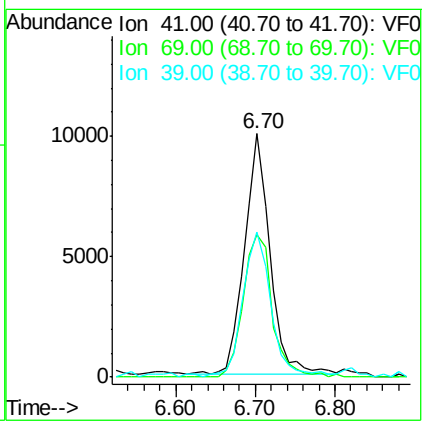


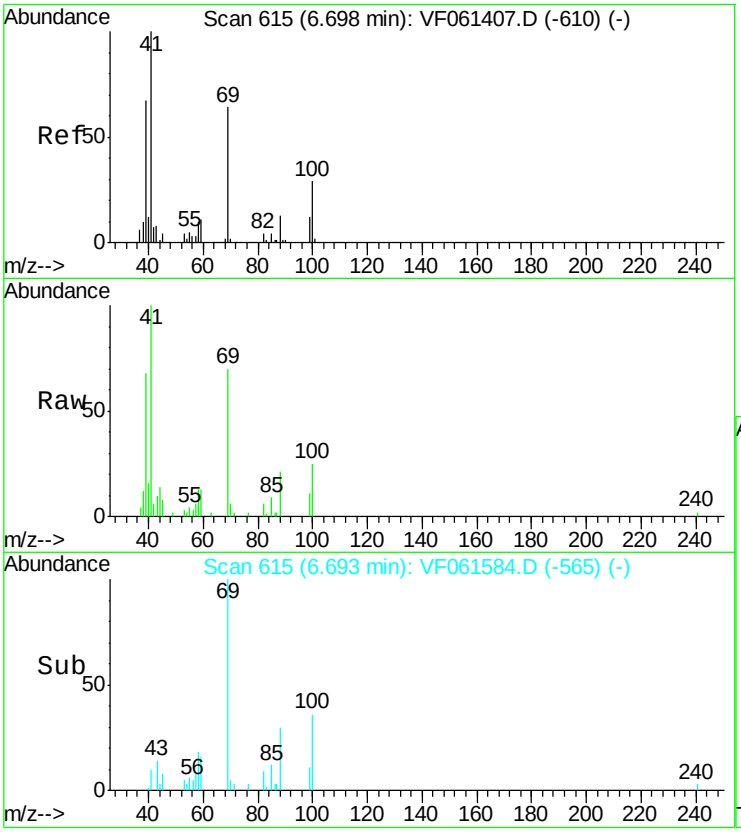


#48
Methyl methacrylate
Concen: 19.619 ug/l
RT: 6.70 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 41 Resp: 21750

Ion	Ratio	Lower	Upper
41	100		
69	58.5	51.7	77.5
39	59.3	49.2	73.8



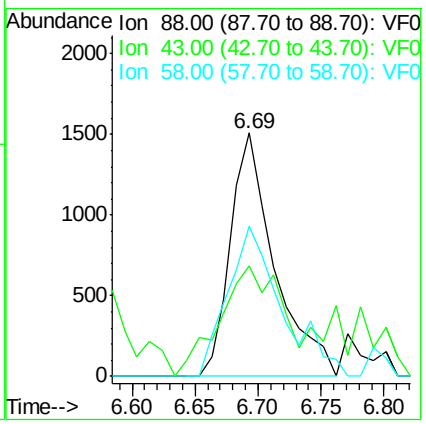


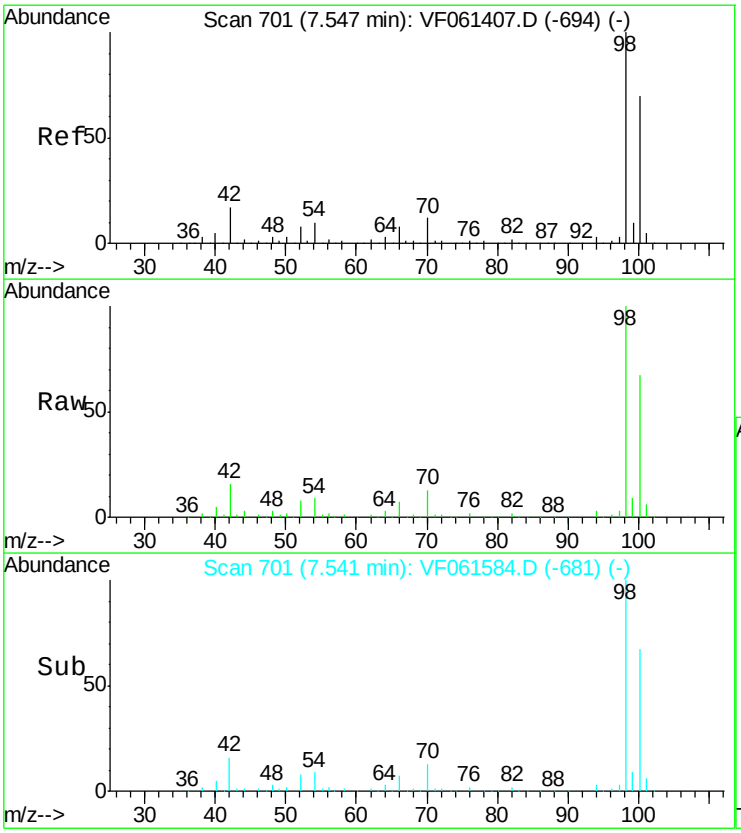
#49
1,4-Dioxane
Concen: 433.509 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 88 Resp: 3659

Ion	Ratio	Lower	Upper
88	100		
43	45.5	55.5	83.3#
58	61.5	59.9	89.9

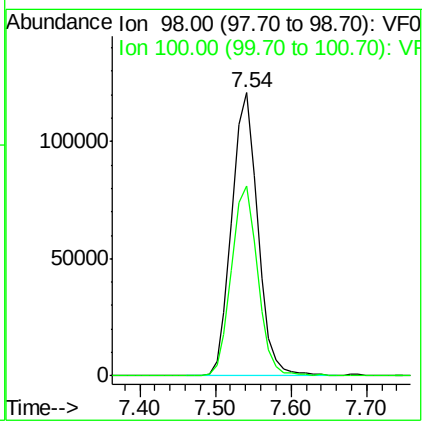


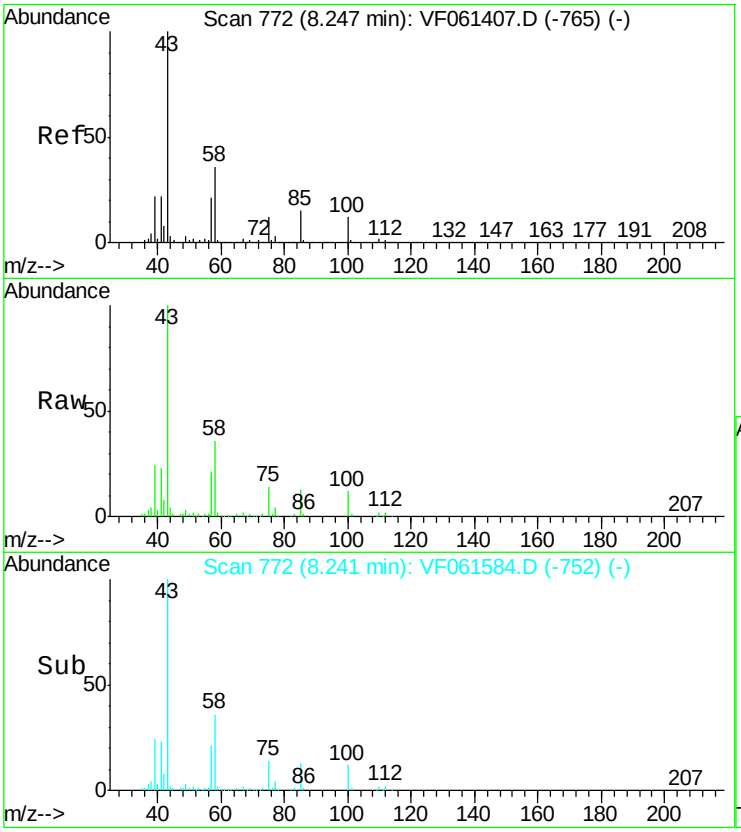


#50
Toluene-d8
Concen: 46.832 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 98 Resp: 287362

Ion	Ratio	Lower	Upper
98	100		
100	67.2	55.6	83.4



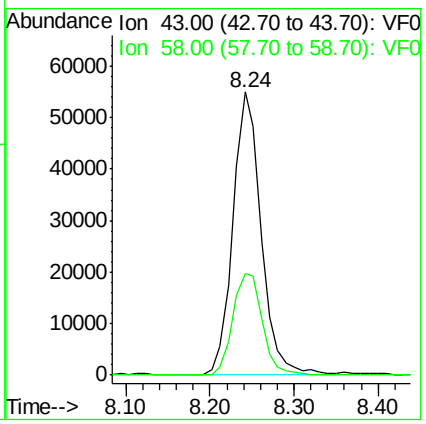


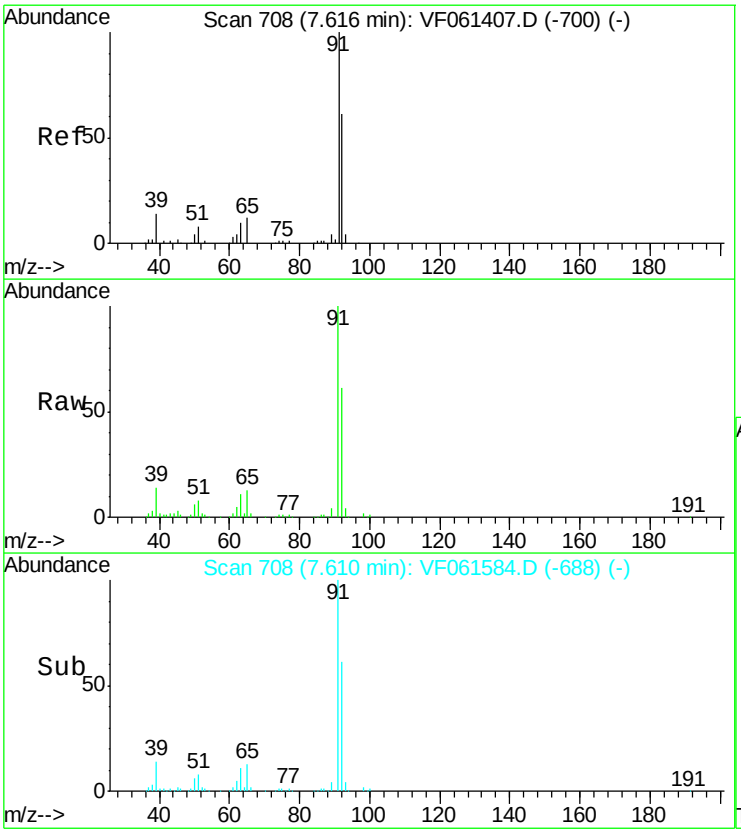
#51
4-Methyl-2-Pentanone
Concen: 105.967 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 43 Resp: 128612

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.8	43.2

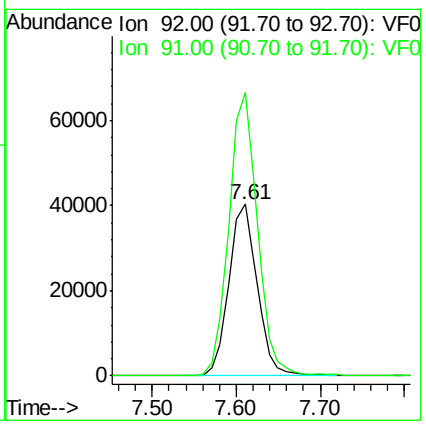


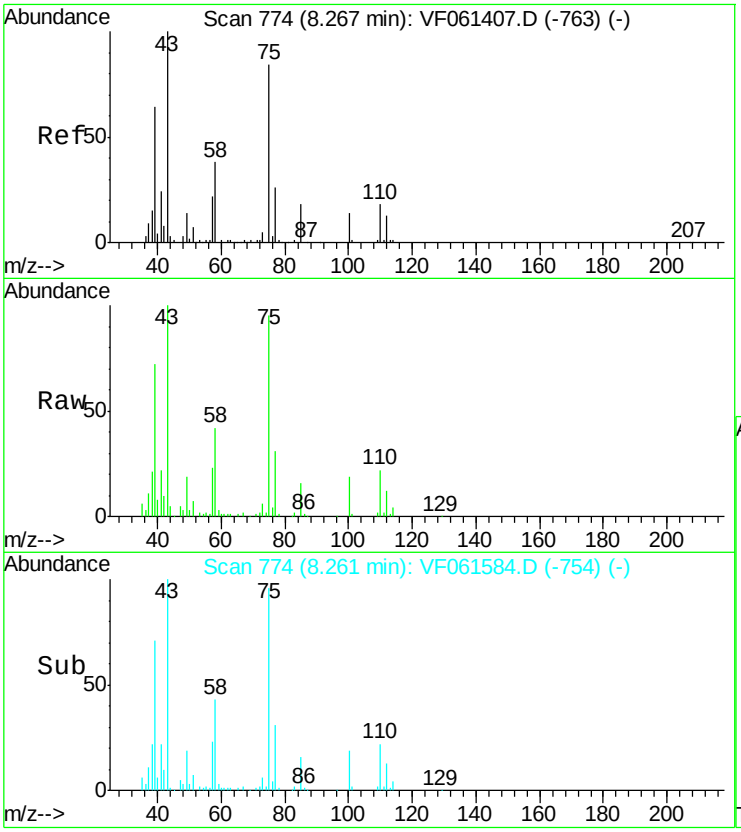


#52
Toluene
Concen: 19.669 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 92 Resp: 94845

Ion	Ratio	Lower	Upper
92	100		
91	164.9	131.2	196.8



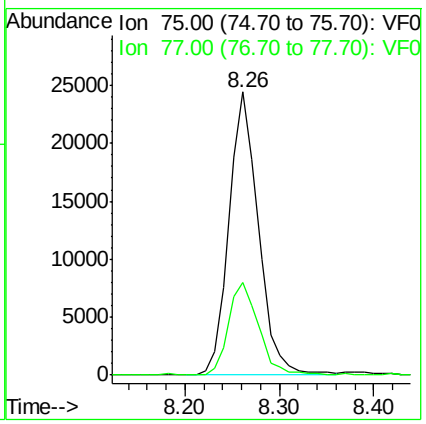


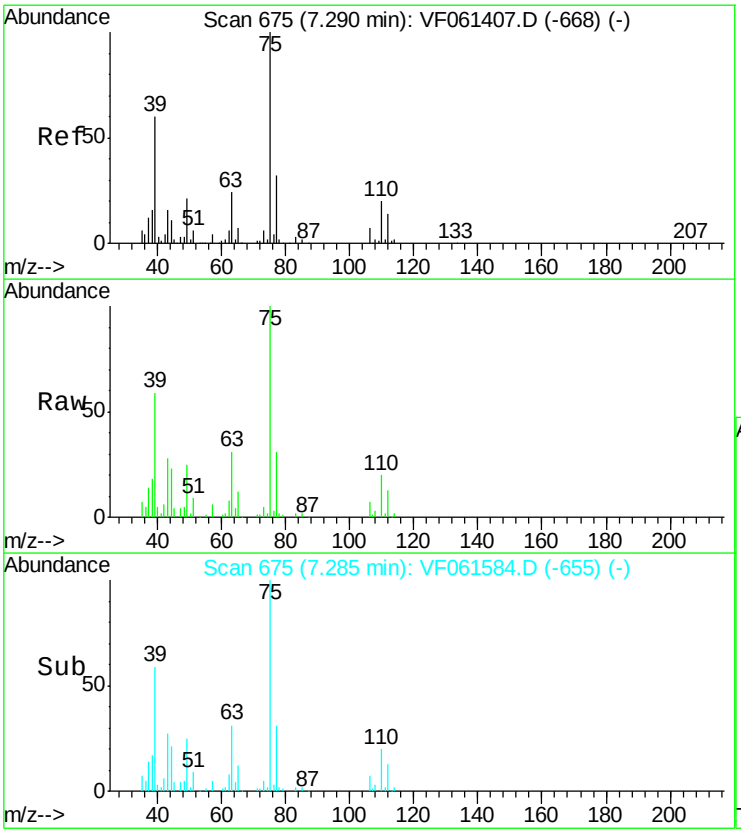
#53
t-1,3-Dichloropropene
Concen: 21.034 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 75 Resp: 52808

Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.4	36.6

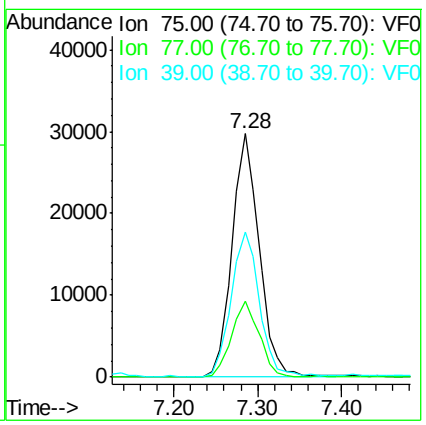


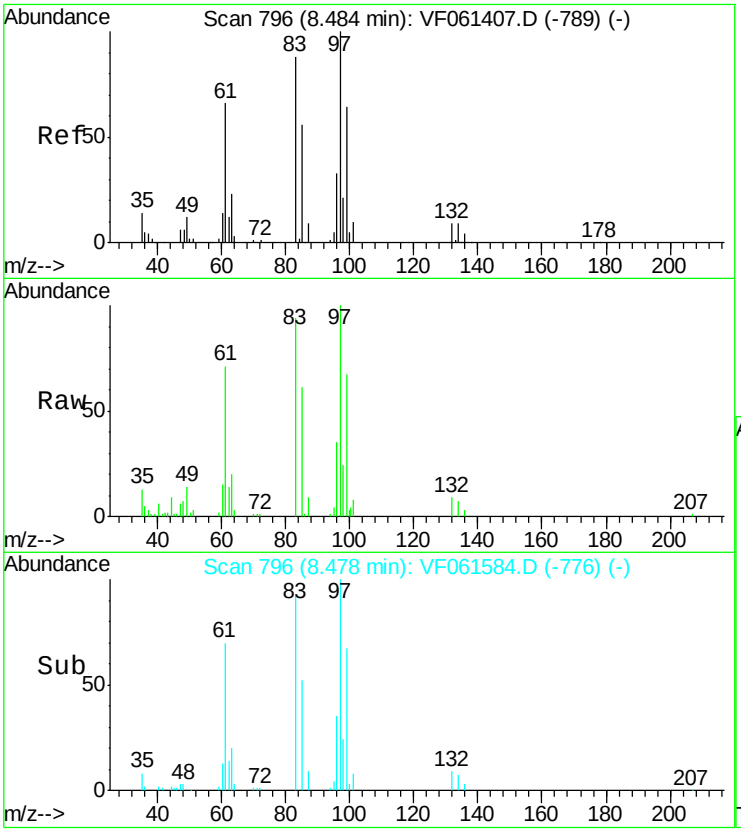


#54
cis-1,3-Dichloropropene
Concen: 21.399 ug/l
RT: 7.28 min Scan# 675
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 75 Resp: 67153

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0
39	59.4	47.8	71.8



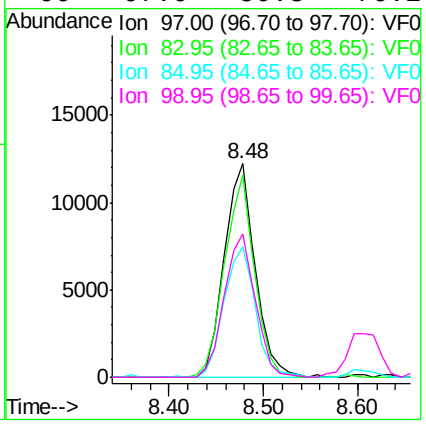


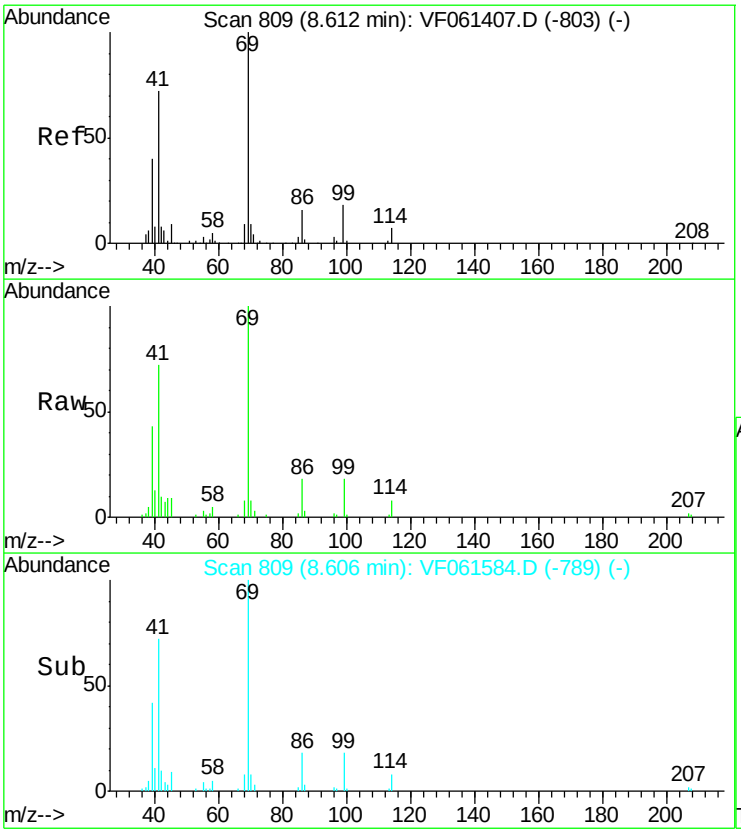
#55
1,1,2-Trichloroethane
Concen: 20.182 ug/l
RT: 8.48 min Scan# 796
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 97 Resp: 27636

Ion	Ratio	Lower	Upper
97	100		
83	94.5	70.4	105.6
85	61.4	44.7	67.1
99	67.0	50.8	76.2

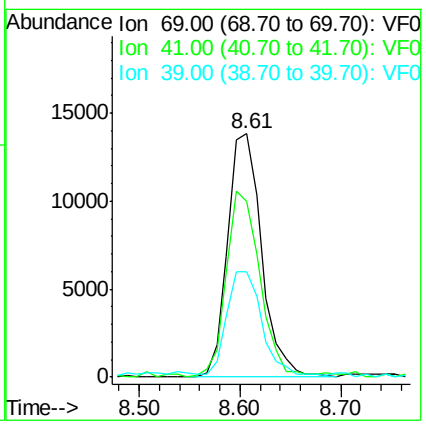


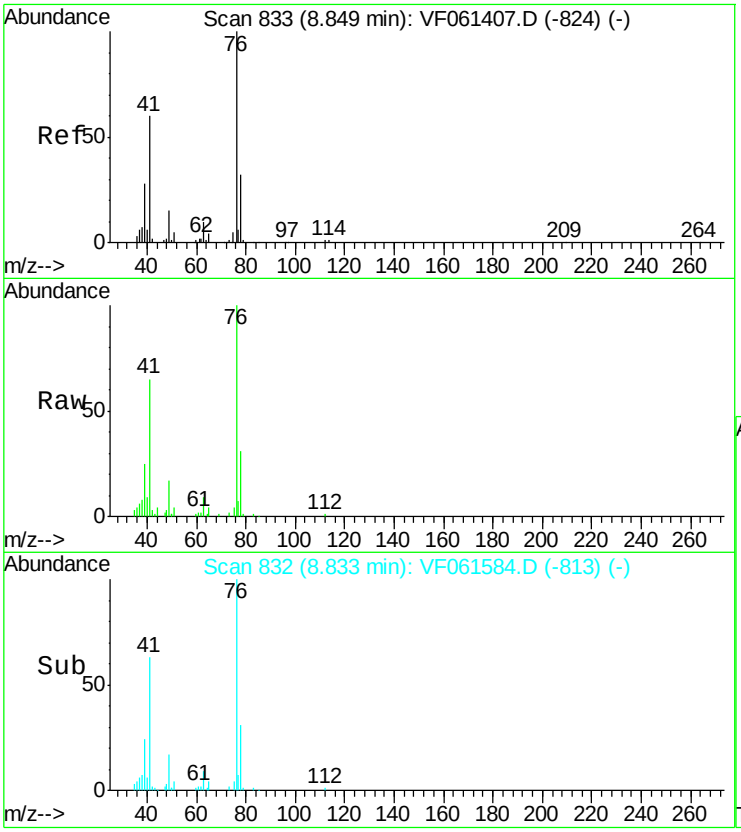


#56
Ethyl methacrylate
Concen: 20.393 ug/l
RT: 8.61 min Scan# 809
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 69 Resp: 32489

Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.5	86.3
39	43.1	32.0	48.0



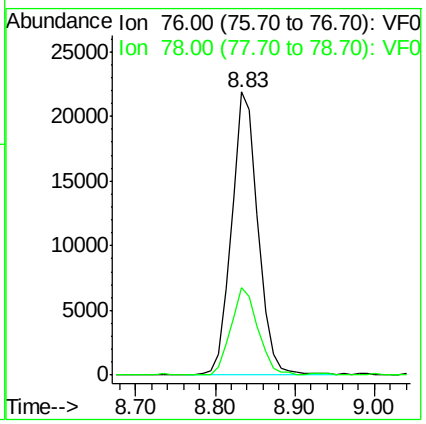


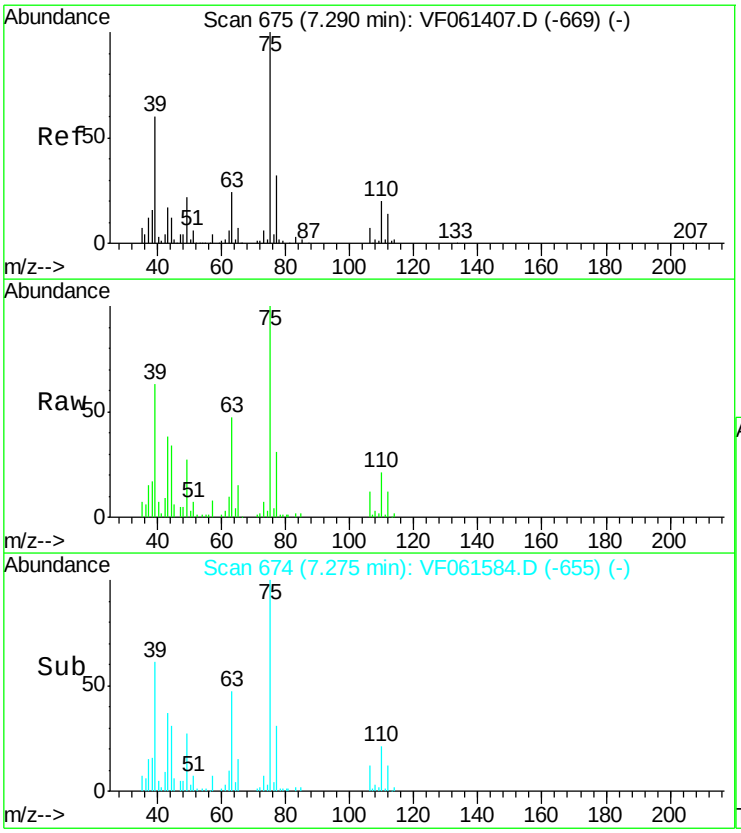
#57
1,3-Dichloropropane
Concen: 19.717 ug/l
RT: 8.83 min Scan# 832
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 76 Resp: 50607

Ion	Ratio	Lower	Upper
76	100		
78	30.8	25.3	37.9

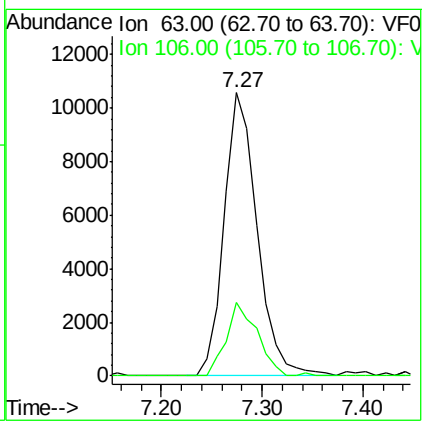


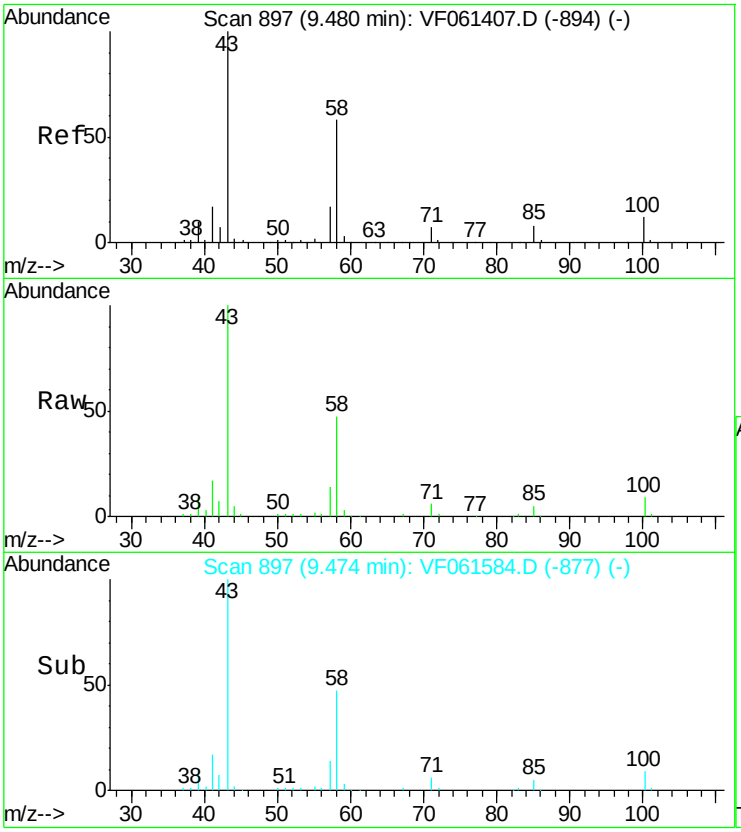


#58
2-Chloroethyl Vinyl ether
Concen: 155.564 ug/l
RT: 7.27 min Scan# 674
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 63 Resp: 24037

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.9	32.9



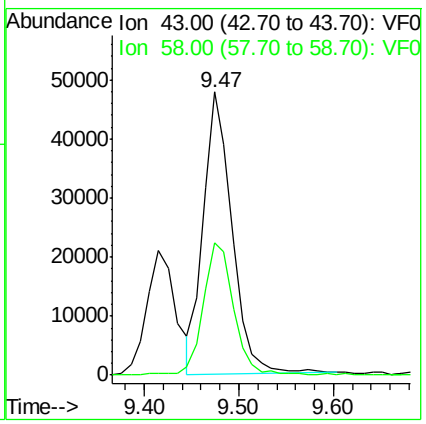


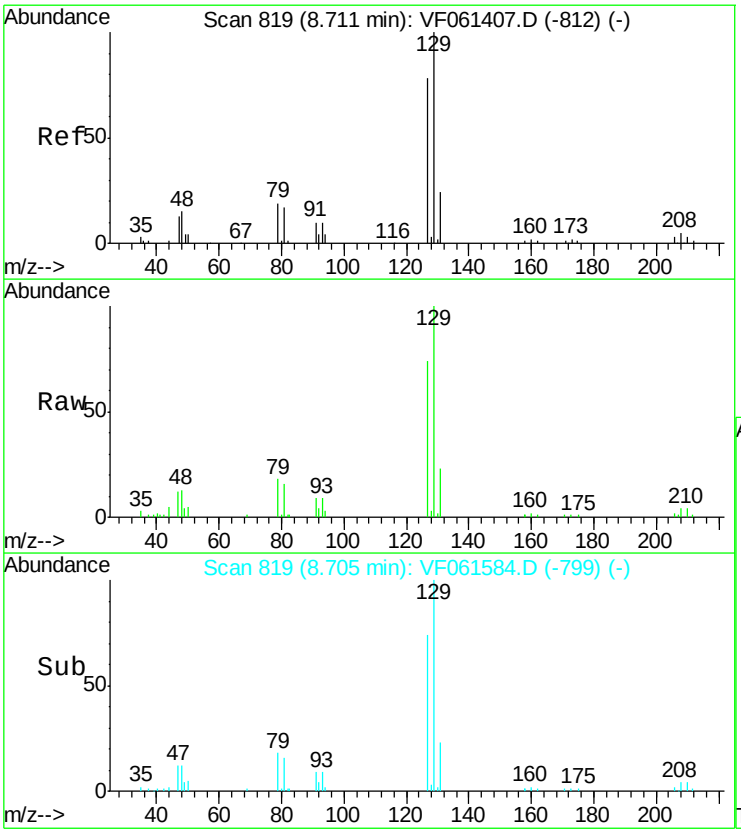
#59
2-Hexanone
Concen: 119.068 ug/l
RT: 9.47 min Scan# 897
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 43 Resp: 100771

Ion	Ratio	Lower	Upper
43	100		
58	46.8	25.9	77.6

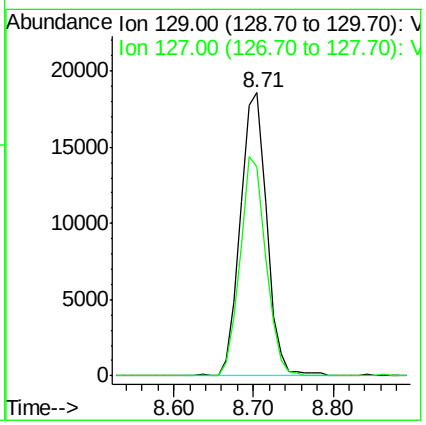


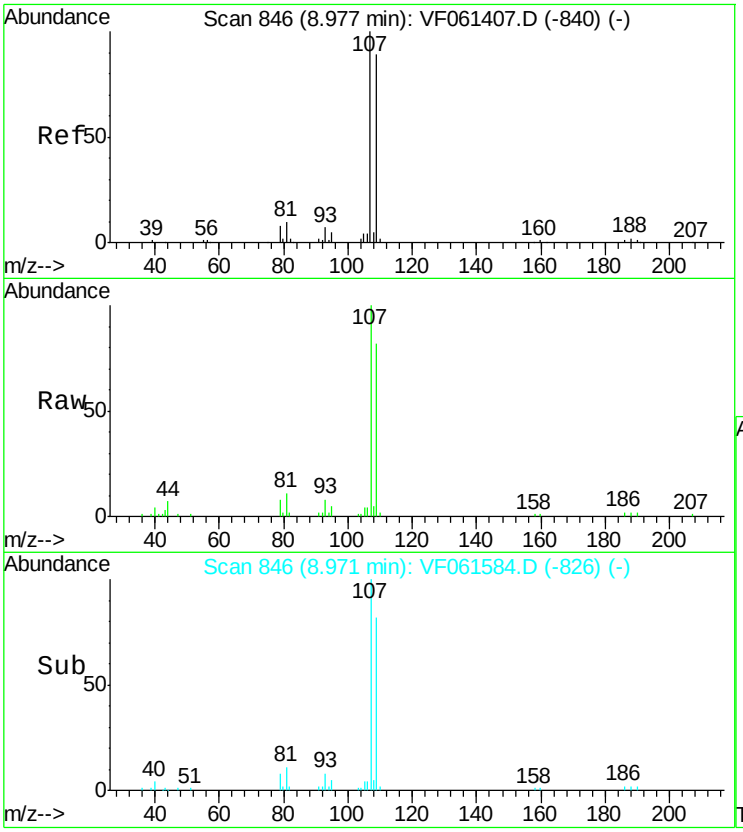


#60
Dibromochloromethane
Concen: 21.194 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:129 Resp: 42428

Ion	Ratio	Lower	Upper
129	100		
127	73.7	39.1	117.2



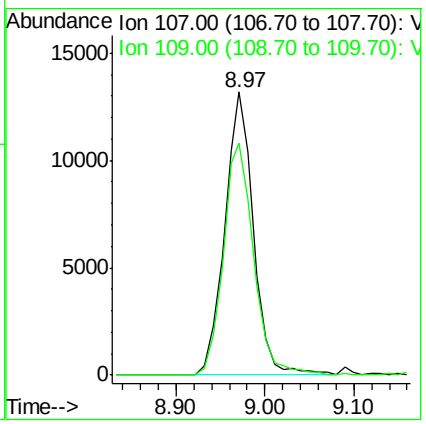


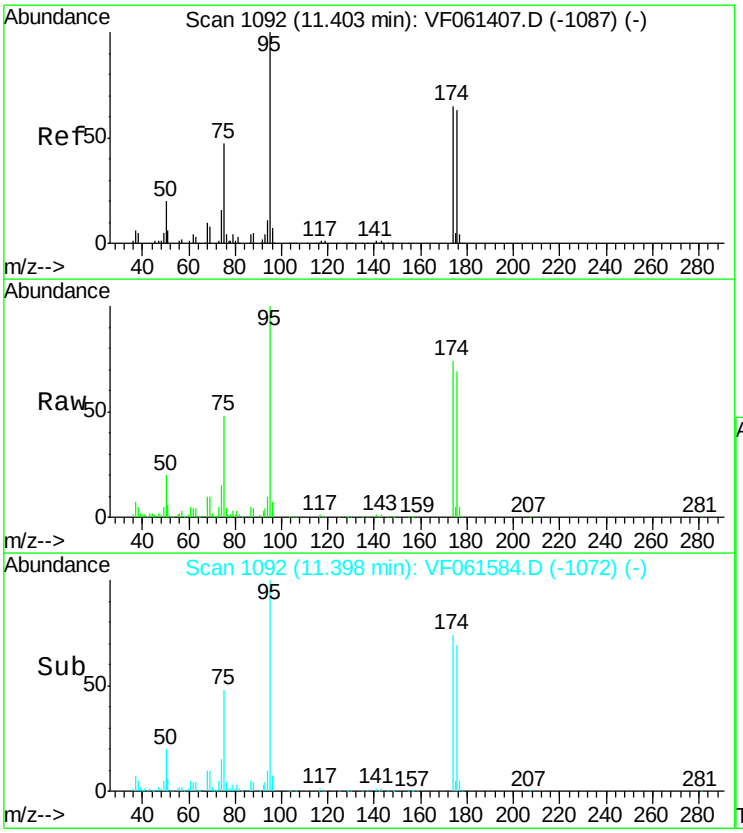
#61
1,2-Dibromoethane
Concen: 18.988 ug/l
RT: 8.97 min Scan# 846
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:107 Resp: 29766

Ion	Ratio	Lower	Upper
107	100		
109	82.0	70.8	106.2

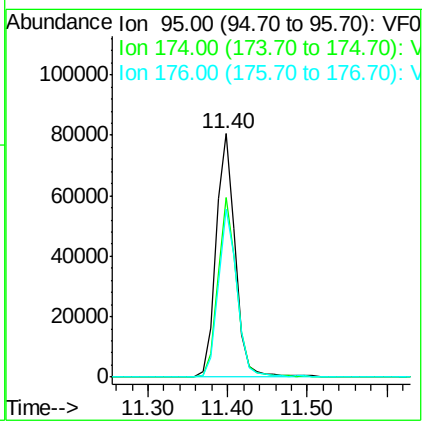


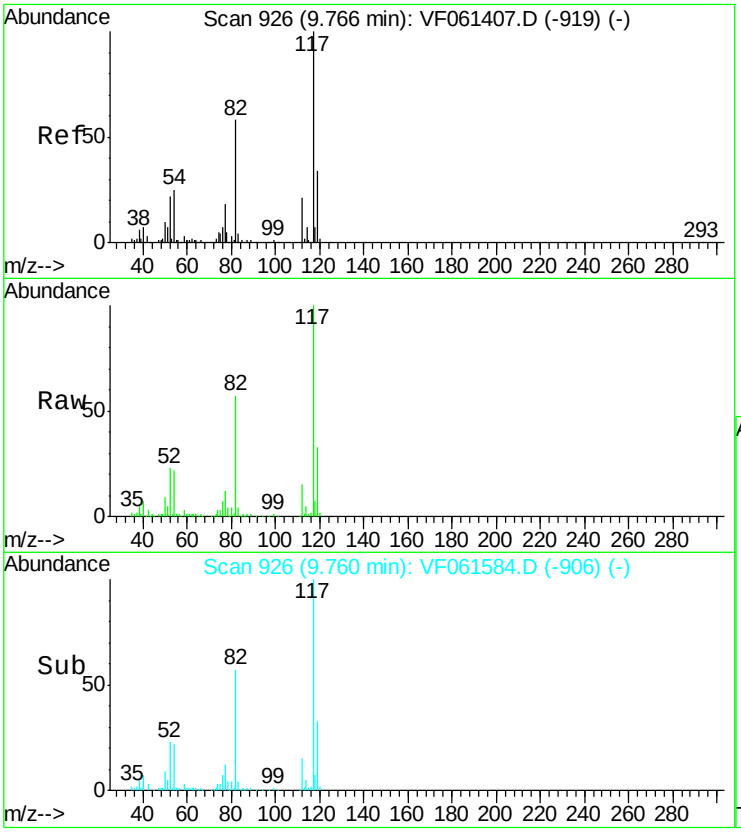


#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 95 Resp: 136831

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	130.4
176	68.8	0.0	126.2



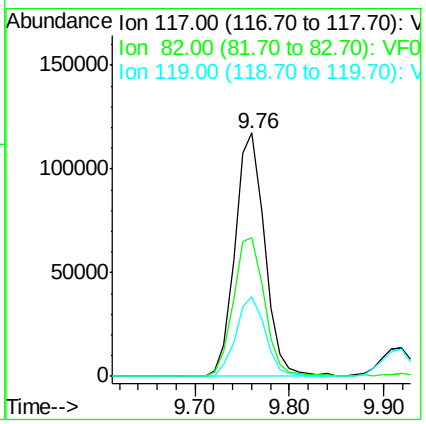


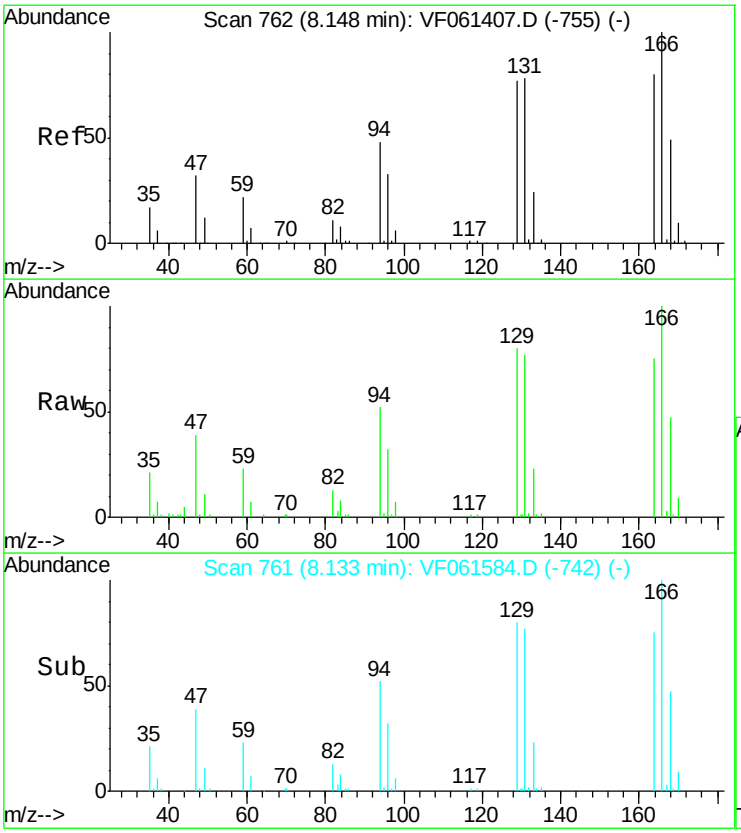
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:117 Resp: 255592

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.4	69.6
119	32.7	27.2	40.8

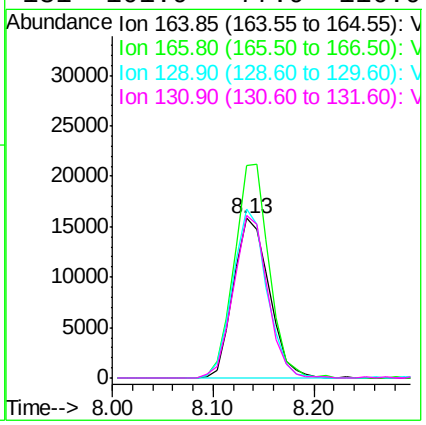


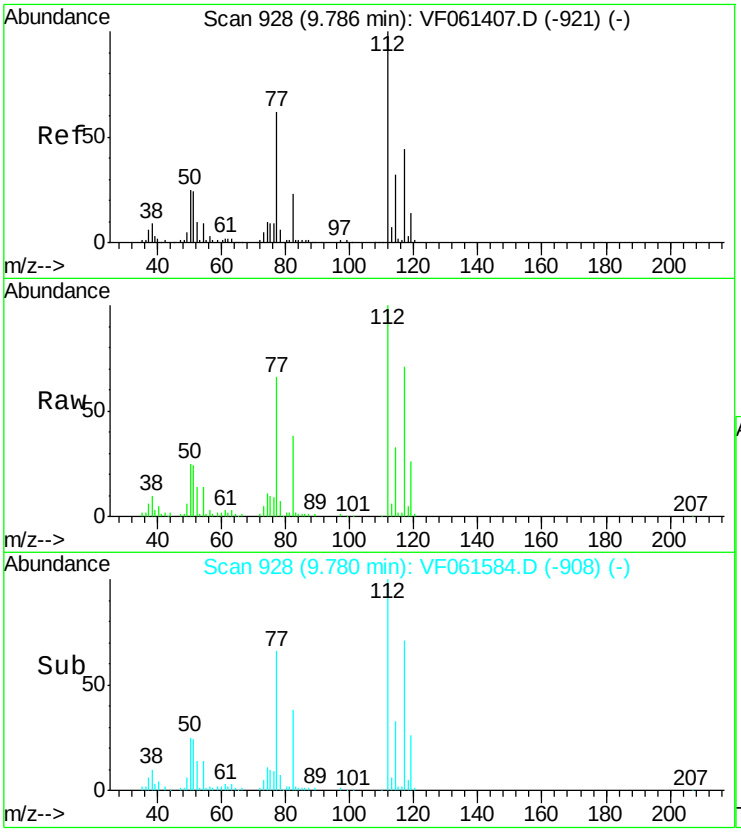


#64
Tetrachloroethene
Concen: 20.355 ug/l
RT: 8.13 min Scan# 761
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:164 Resp: 39124

Ion	Ratio	Lower	Upper
164	100		
166	133.1	99.6	149.4
129	105.9	76.4	114.6
131	101.9	77.9	116.9



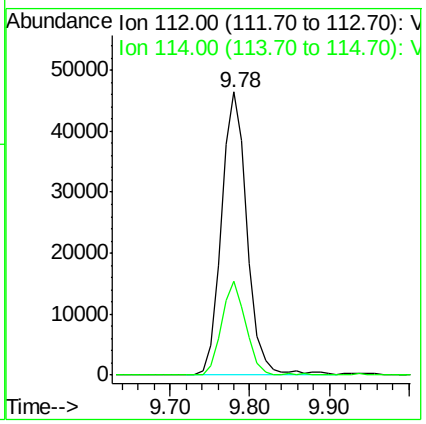


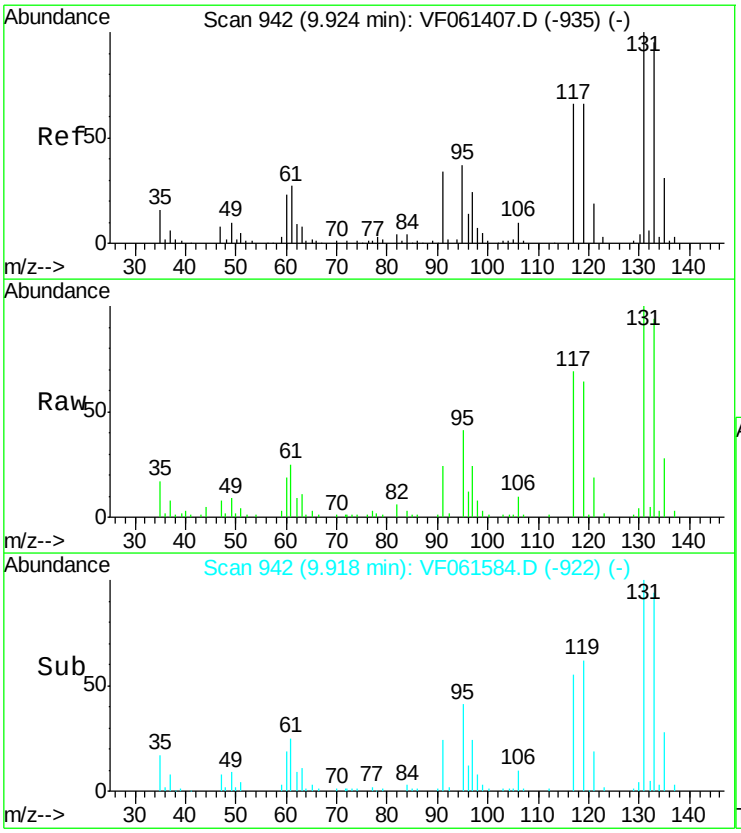
#65
Chlorobenzene
Concen: 20.218 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:112 Resp: 105087

Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.4	38.0

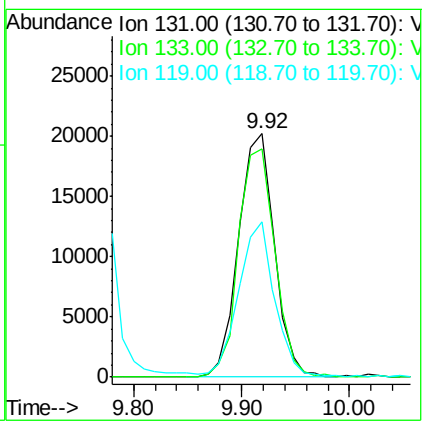


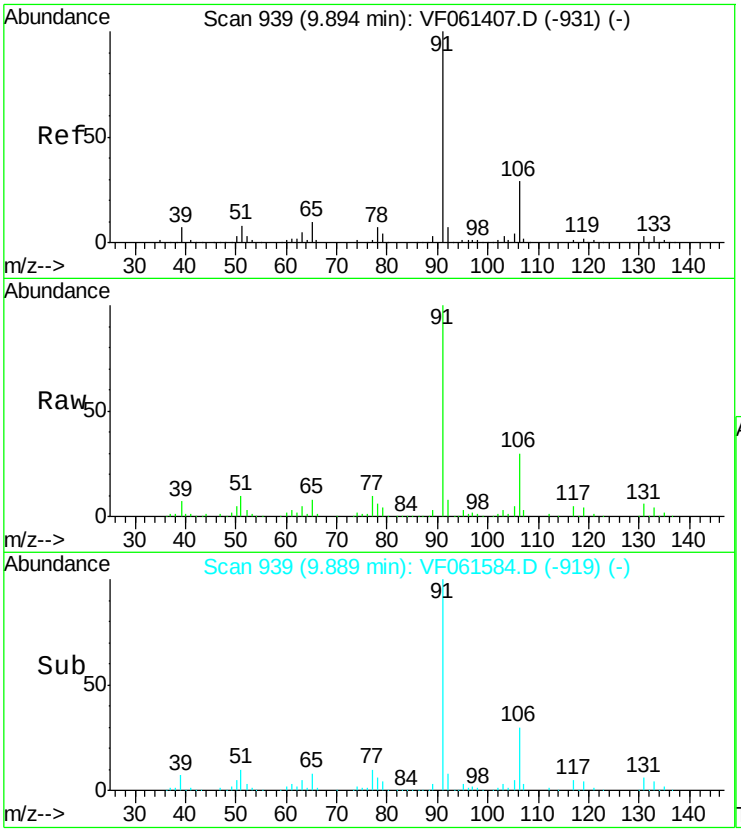


#66
1,1,1,2-Tetrachloroethane
Concen: 22.530 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:131 Resp: 46650

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.4	142.2
119	64.0	33.1	99.3



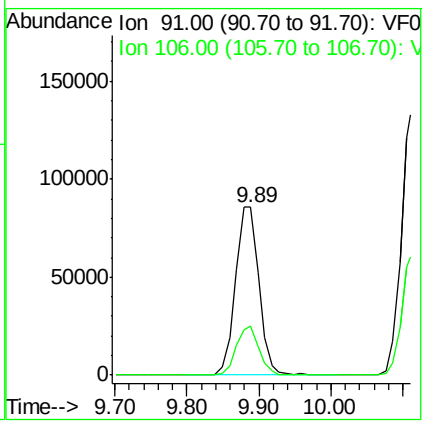


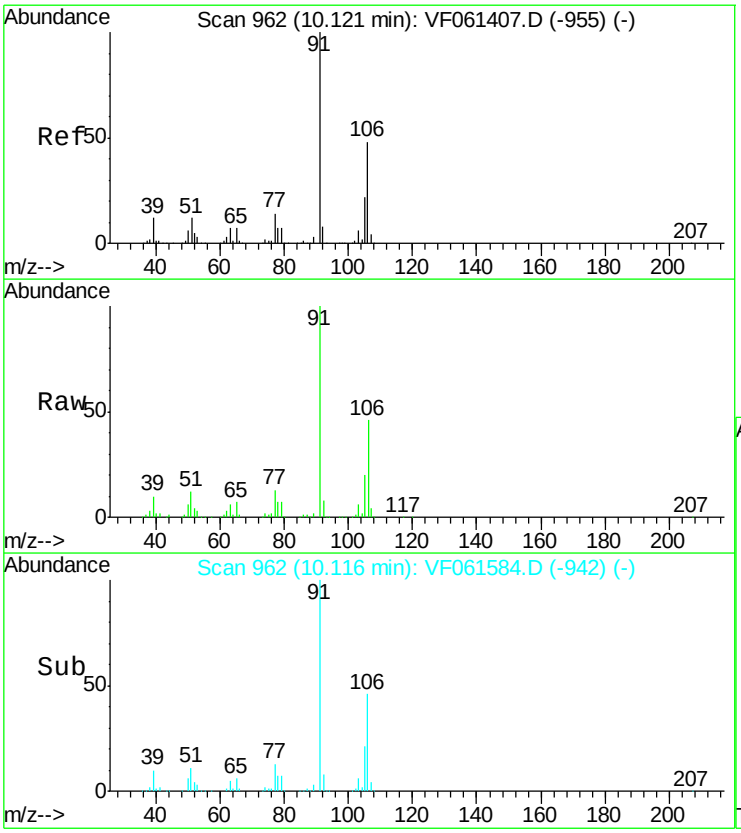
#67
Ethyl Benzene
Concen: 20.616 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 91 Resp: 195774

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.1	34.7

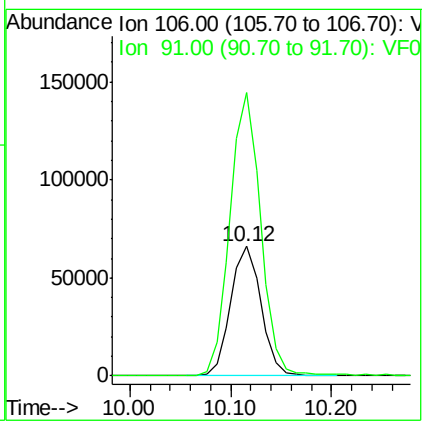


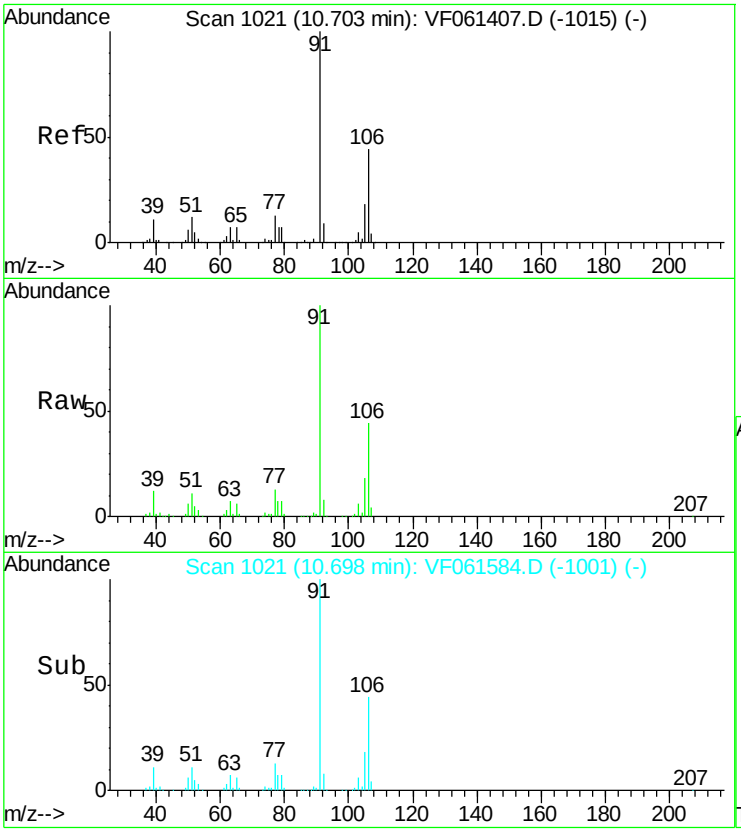


#68
m/p-Xylenes
Concen: 40.790 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:106 Resp: 139319

Ion	Ratio	Lower	Upper
106	100		
91	218.6	166.2	249.4



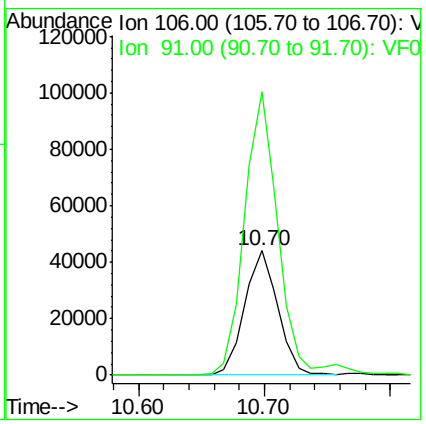


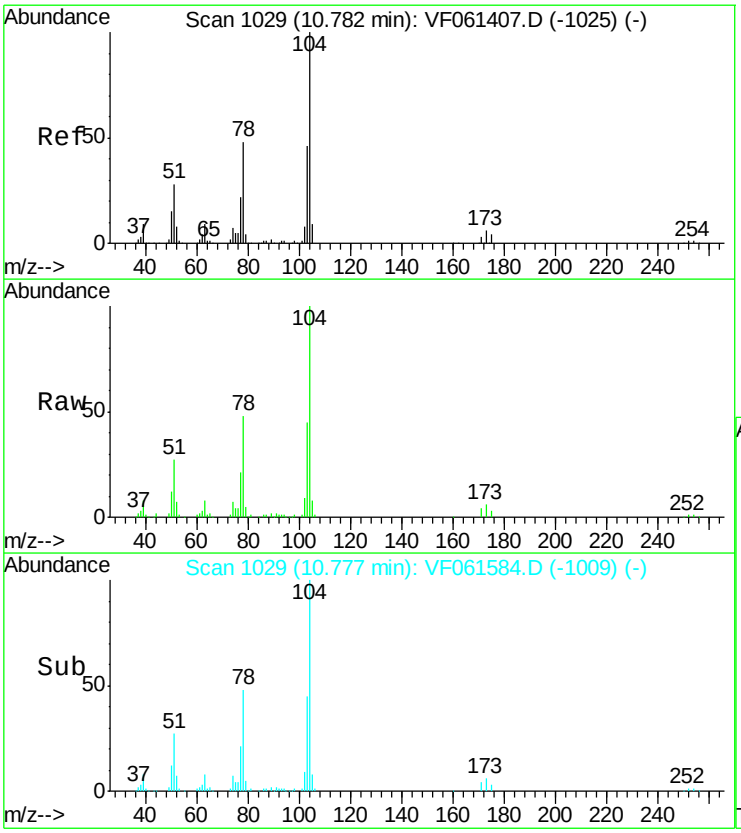
#69
o-Xylene
Concen: 21.746 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:106 Resp: 80501

Ion	Ratio	Lower	Upper
106	100		
91	228.0	113.3	339.8

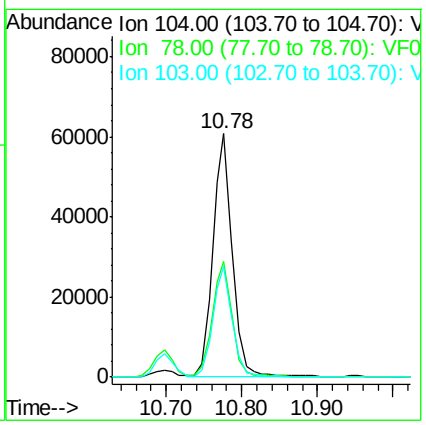


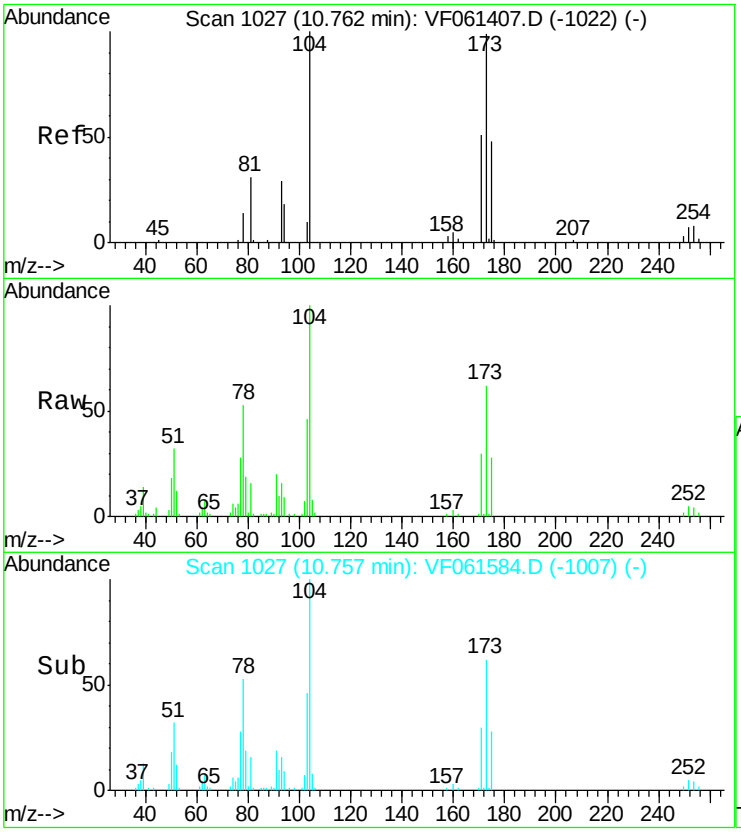


#70
Styrene
Concen: 21.380 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:104 Resp: 108337

Ion	Ratio	Lower	Upper
104	100		
78	47.5	38.8	58.2
103	45.5	37.0	55.6



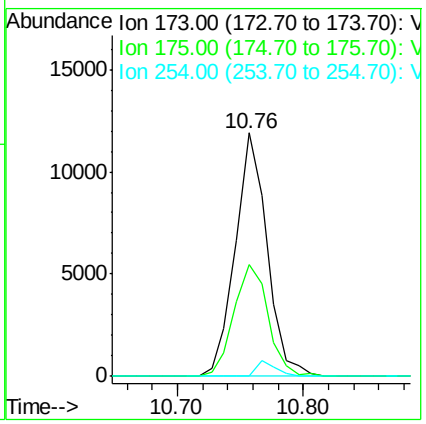


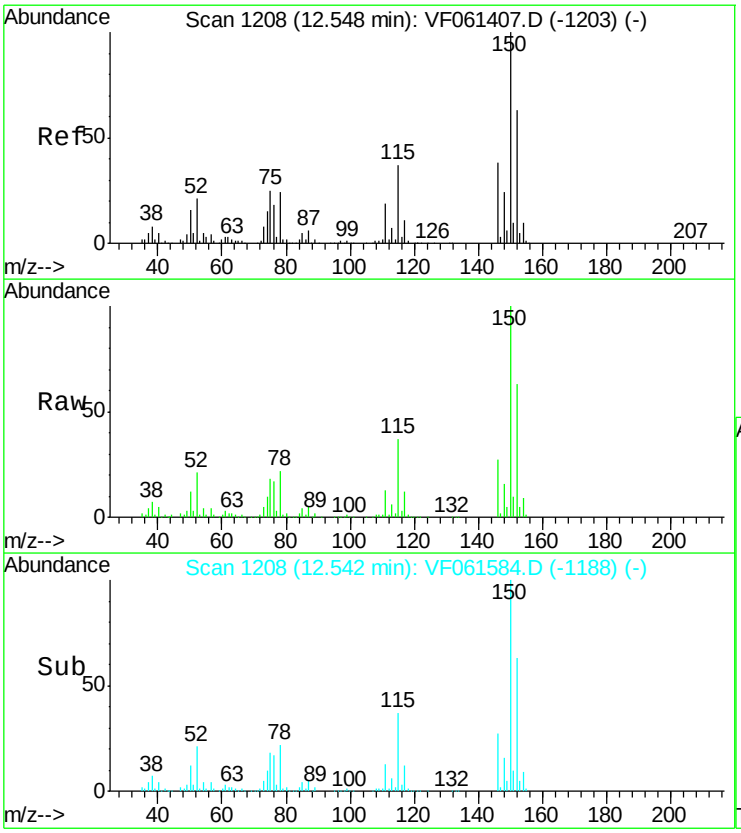
#71
Bromoform
Concen: 22.359 ug/l
RT: 10.76 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:173 Resp: 20801

Ion	Ratio	Lower	Upper
173	100		
175	45.8	24.1	72.4
254	0.0	0.0	0.0

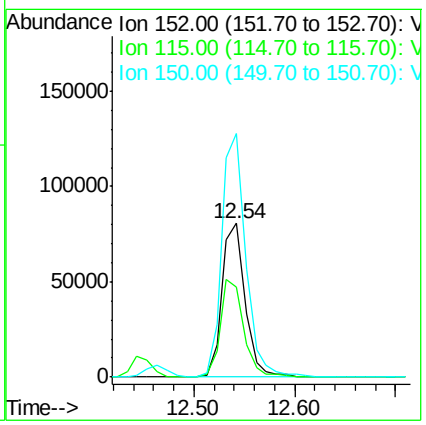


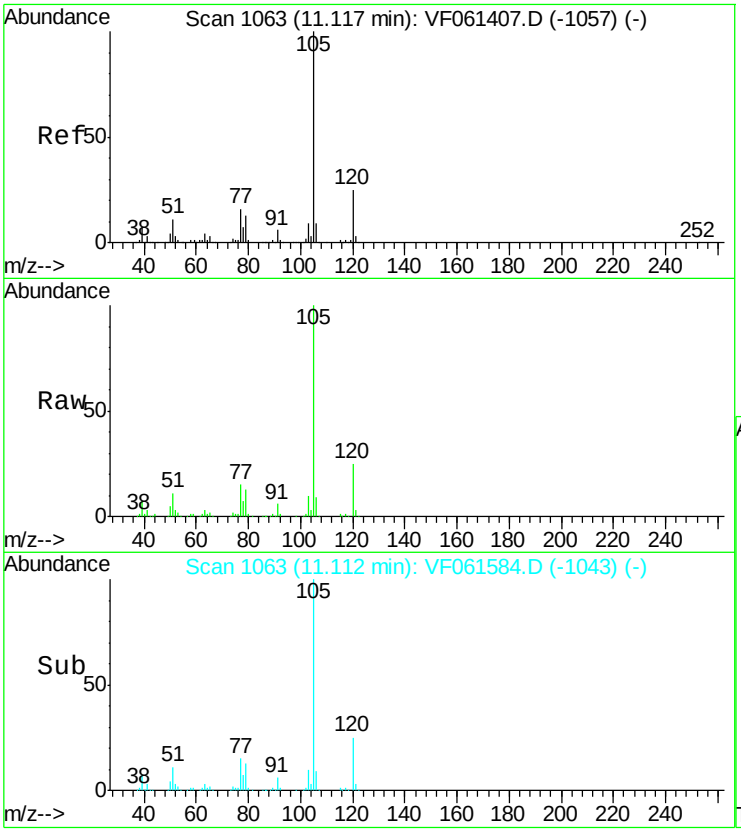


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:152 Resp: 129783

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.0
150	158.5	0.0	321.4



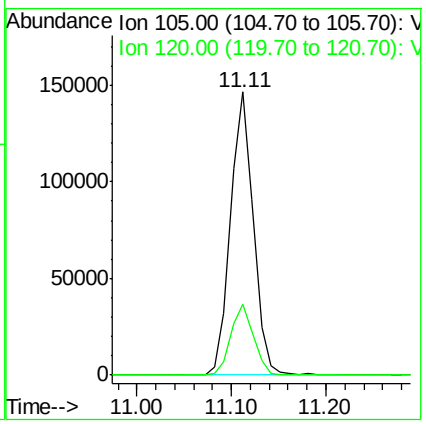


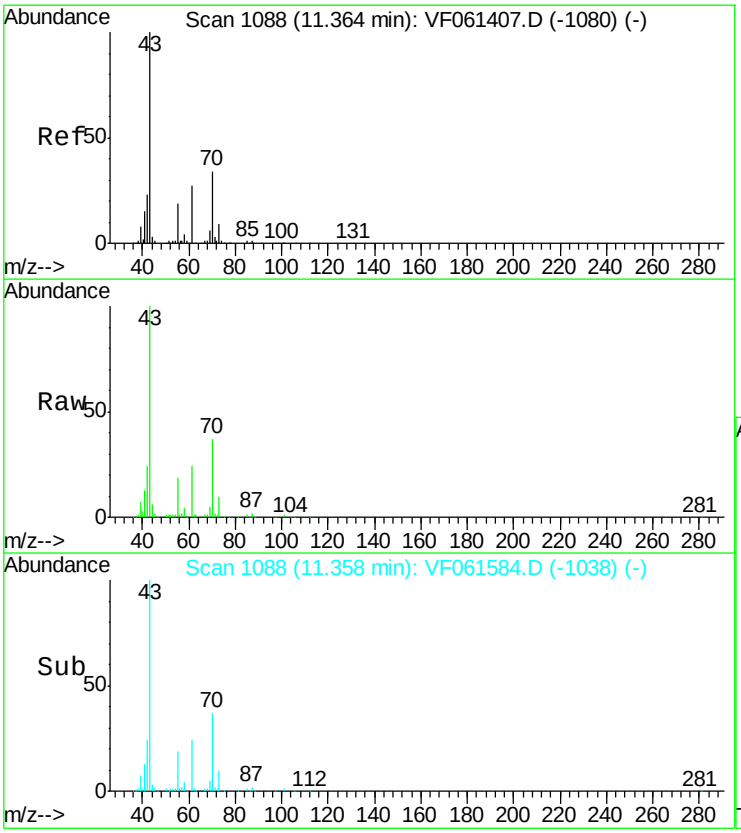
#73
Isopropylbenzene
Concen: 23.256 ug/l
RT: 11.11 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:105 Resp: 245483

Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.6	37.8

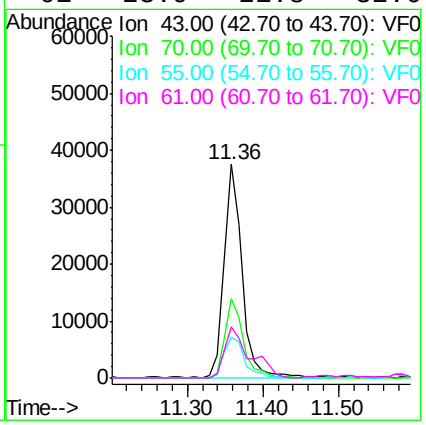


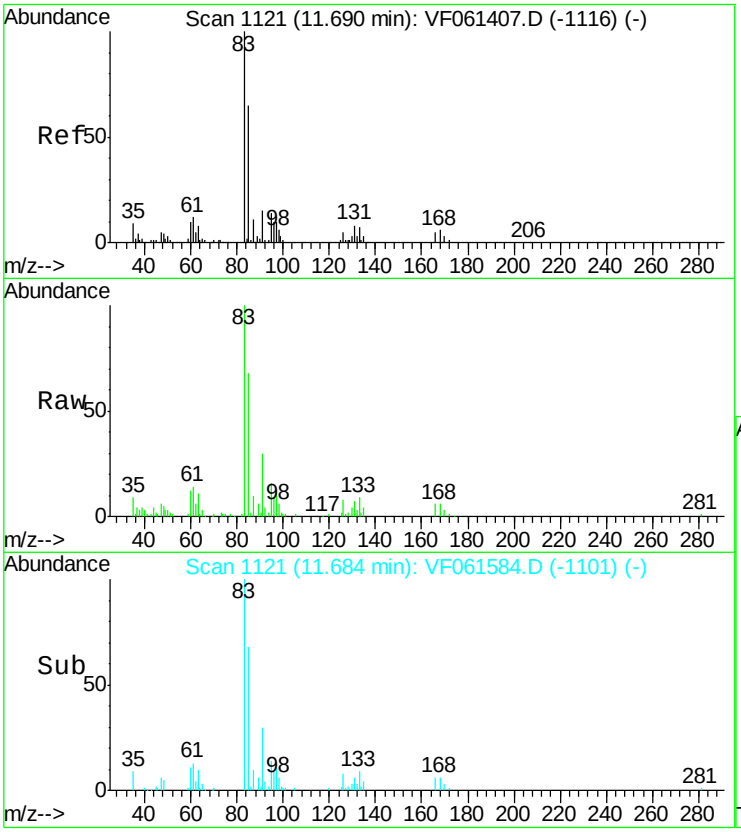


#74
N-amyl acetate
Concen: 24.949 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 43 Resp: 62273

Ion	Ratio	Lower	Upper
43	100		
70	37.3	27.6	41.4
55	19.2	15.4	23.2
61	23.9	21.8	32.6



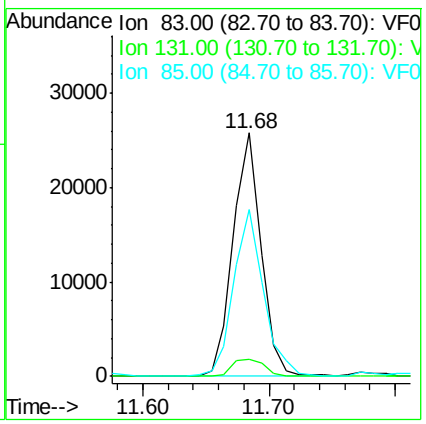


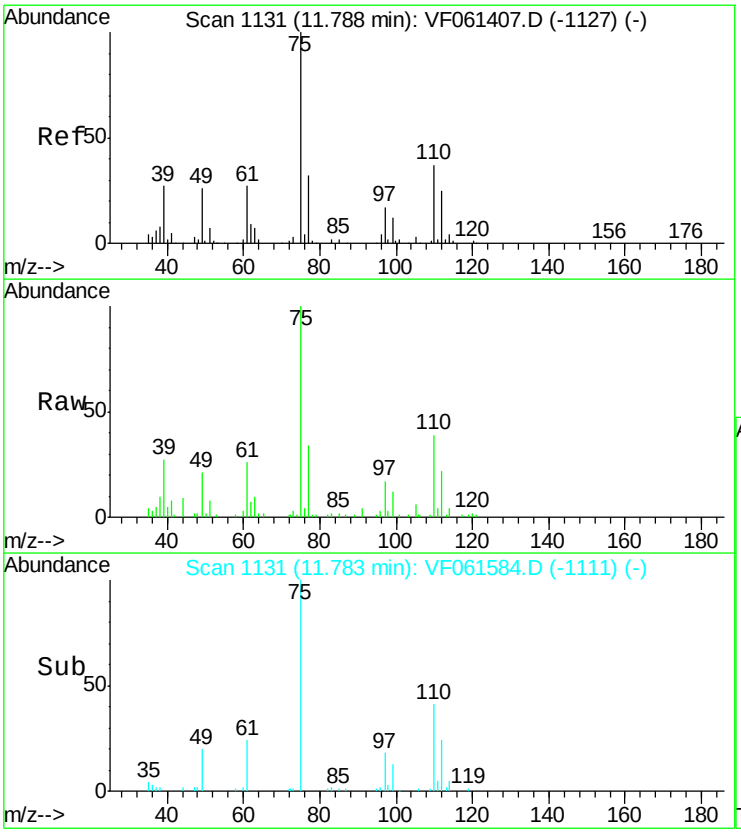
#75
1,1,2,2-Tetrachloroethane
Concen: 21.040 ug/l
RT: 11.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 83 Resp: 39565

Ion	Ratio	Lower	Upper
83	100		
131	7.2	4.0	12.2
85	68.3	32.7	98.1

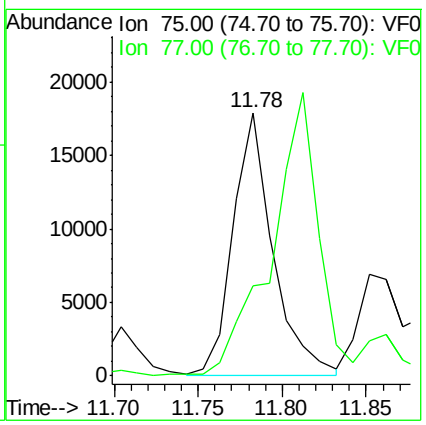


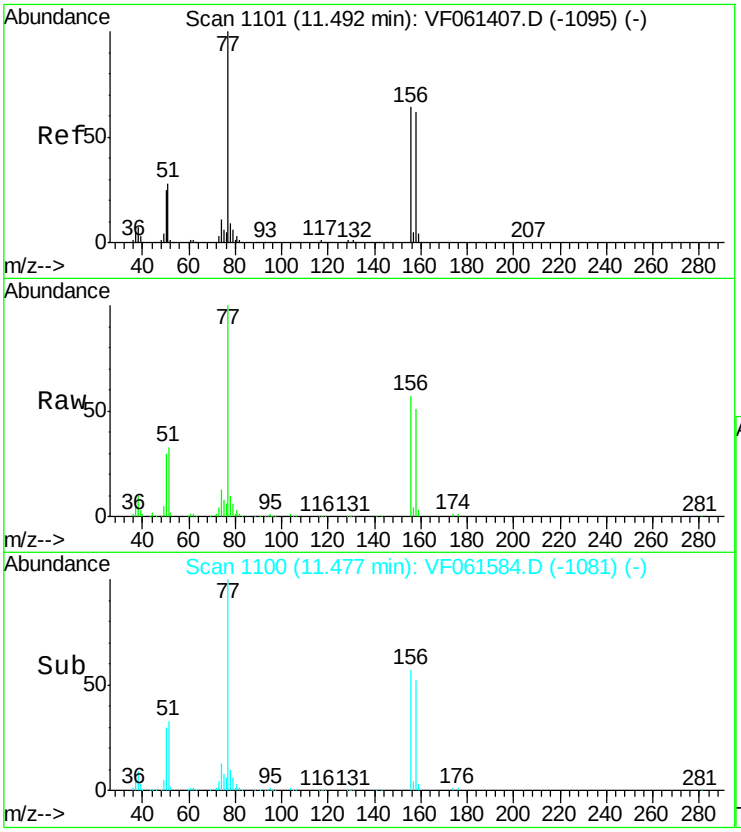


#76
1,2,3-Trichloropropane
Concen: 21.745 ug/l
RT: 11.78 min Scan# 1131
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 75 Resp: 29382

Ion	Ratio	Lower	Upper
75	100		
77	34.1	16.1	48.3



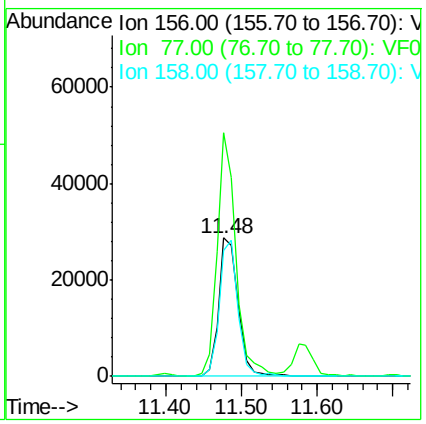


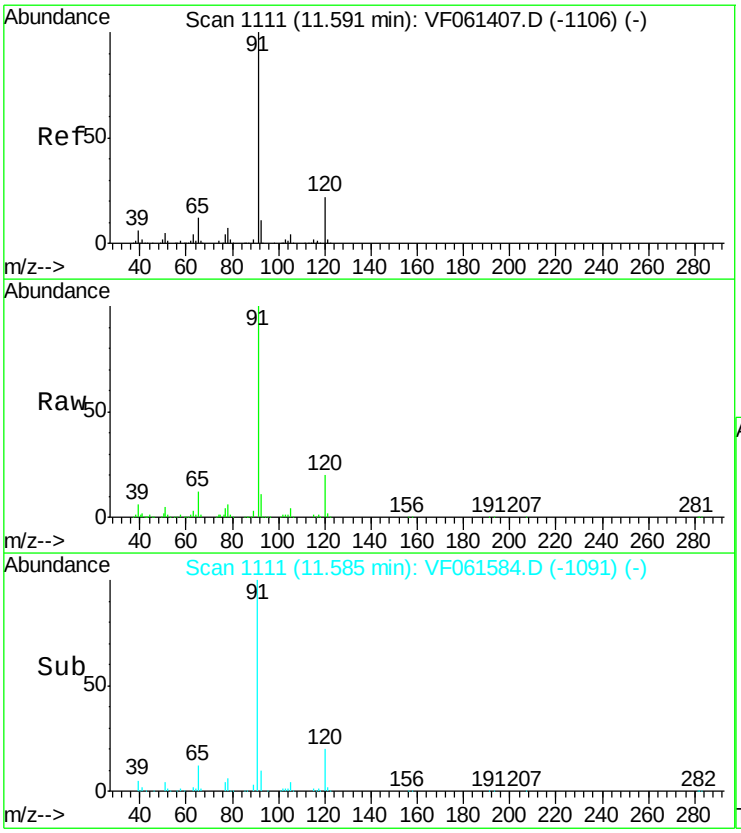
#77
Bromobenzene
Concen: 23.209 ug/l
RT: 11.48 min Scan# 1100
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:156 Resp: 51737

Ion	Ratio	Lower	Upper
156	100		
77	176.3	78.3	234.9
158	90.7	48.9	146.7

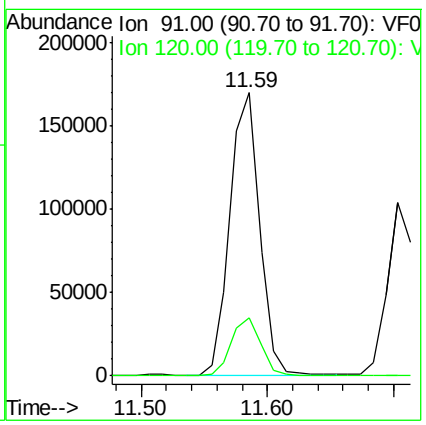


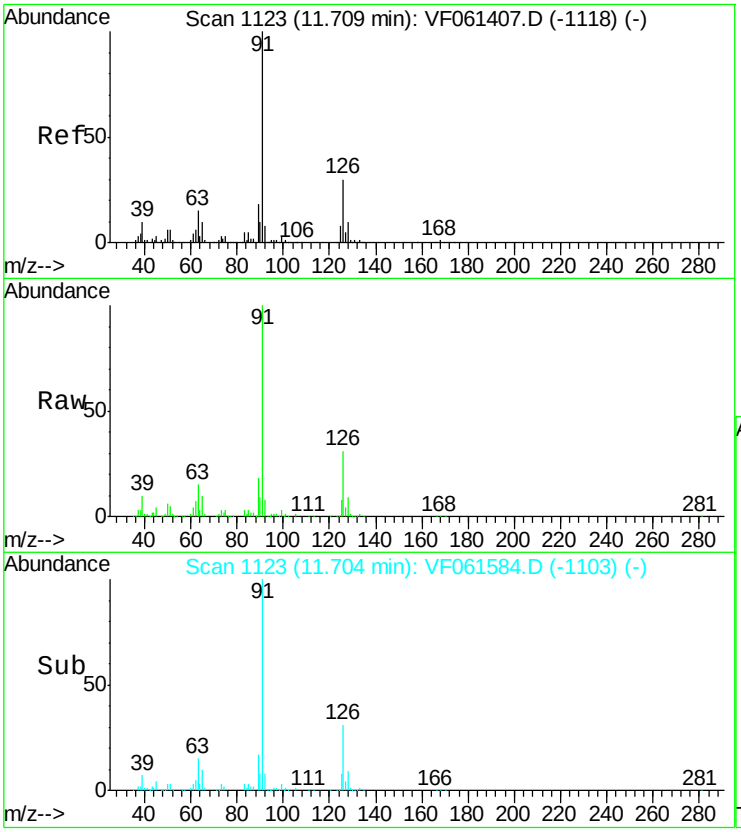


#78
n-propylbenzene
Concen: 20.152 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 91 Resp: 277093

Ion	Ratio	Lower	Upper
91	100		
120	20.4	10.9	32.6



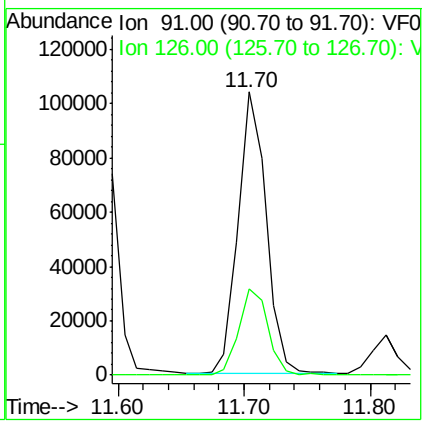


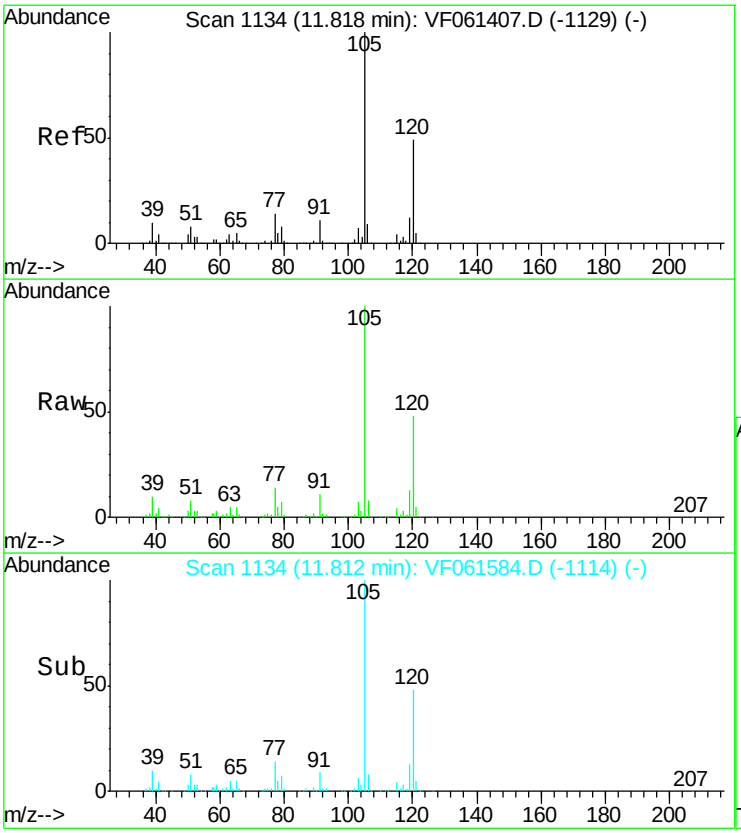
#79
2-Chlorotoluene
Concen: 21.907 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 91 Resp: 160445

Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.0	45.1

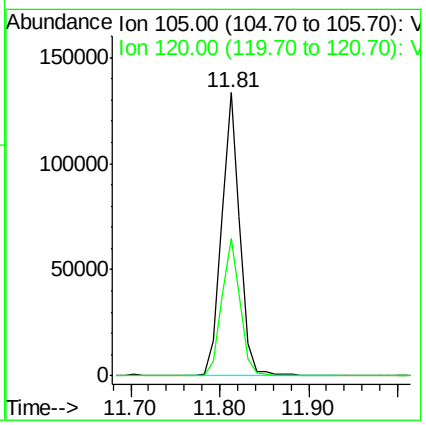


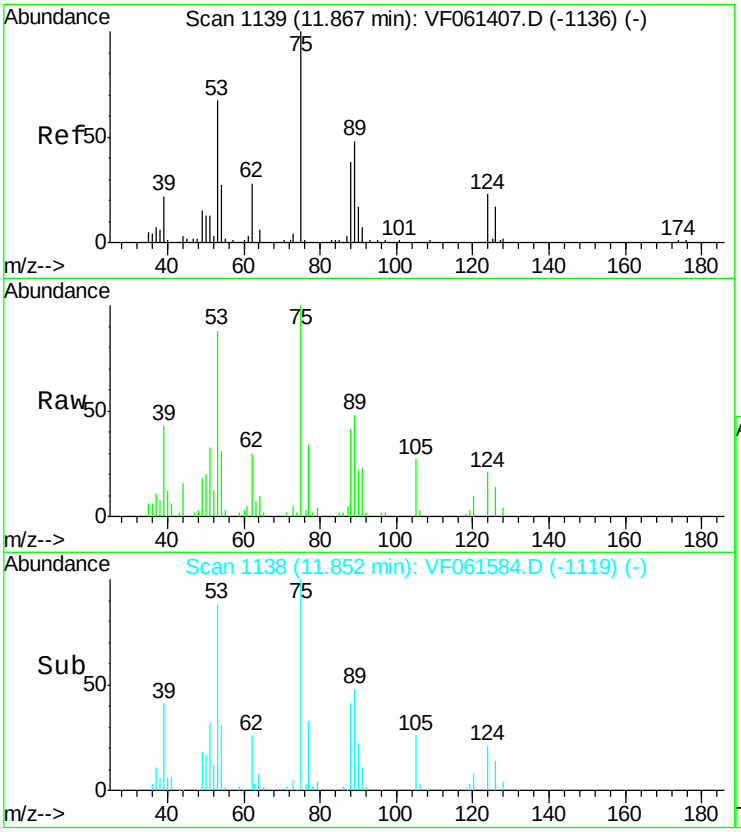


#80
1,3,5-Trimethylbenzene
Concen: 22.539 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:105 Resp: 192001

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.7	74.1



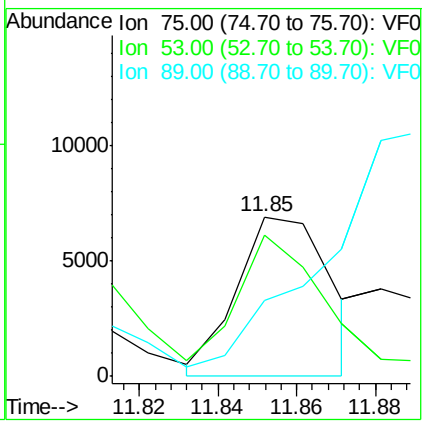


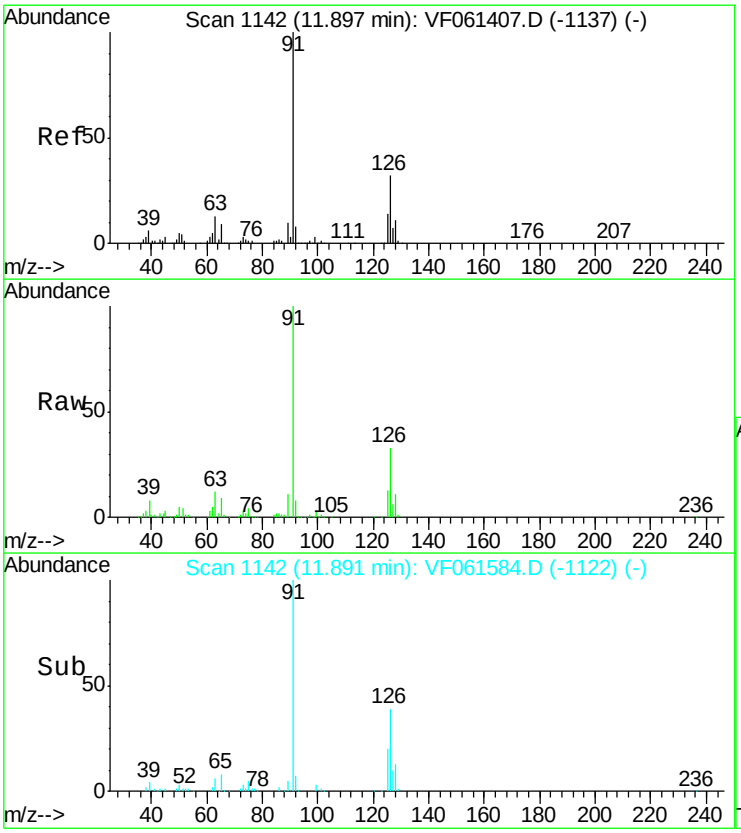
#81
trans-1,4-Dichloro-2-butene
Concen: 19.506 ug/l m
RT: 11.85 min Scan# 1138
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion: 75 Resp: 11457

Ion	Ratio	Lower	Upper
75	100		
53	88.3	57.8	86.6#
89	47.9	40.7	61.1

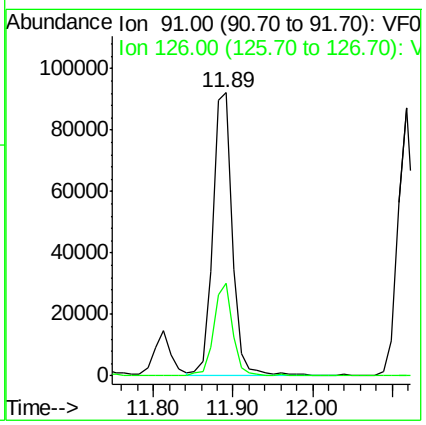


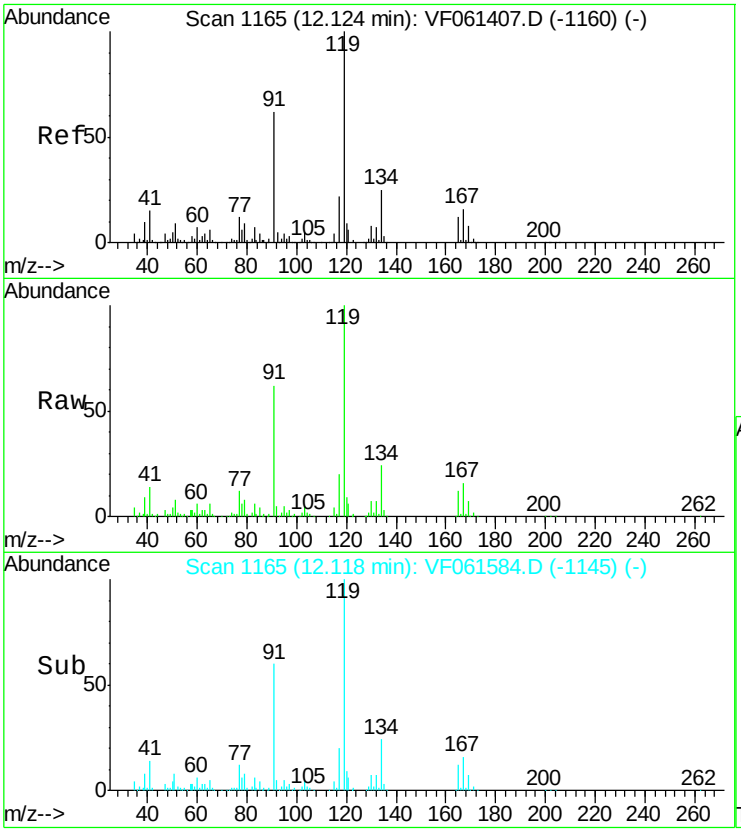


#82
4-Chlorotoluene
Concen: 21.616 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 91 Resp: 159751

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.0	47.9



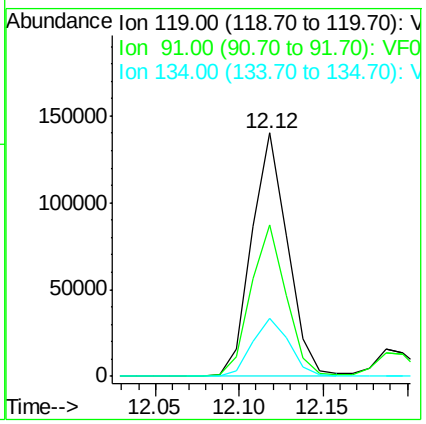


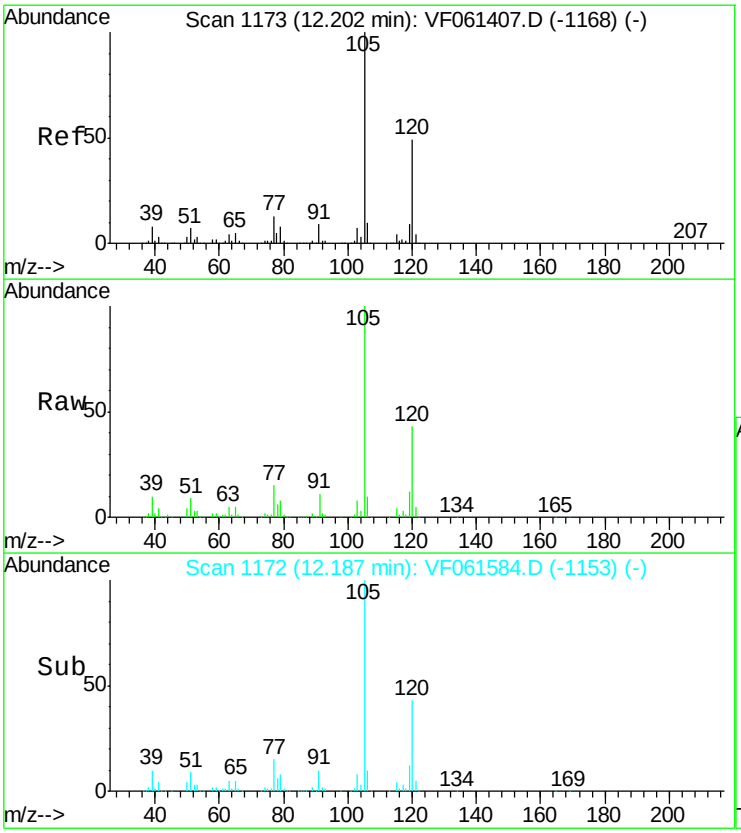
#83
tert-Butylbenzene
Concen: 23.578 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:119 Resp: 207878

Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.3	93.8
134	24.0	12.4	37.0

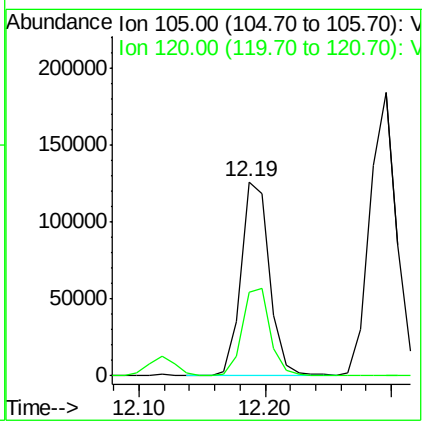


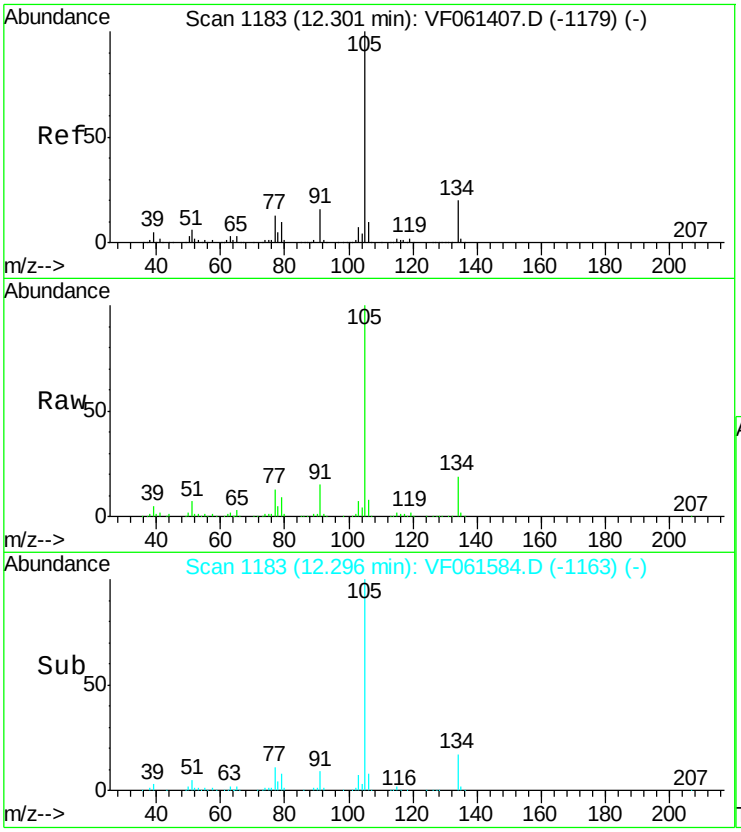


#84
1,2,4-Trimethylbenzene
Concen: 22.487 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:105 Resp: 197311

Ion	Ratio	Lower	Upper
105	100		
120	43.4	24.9	74.6



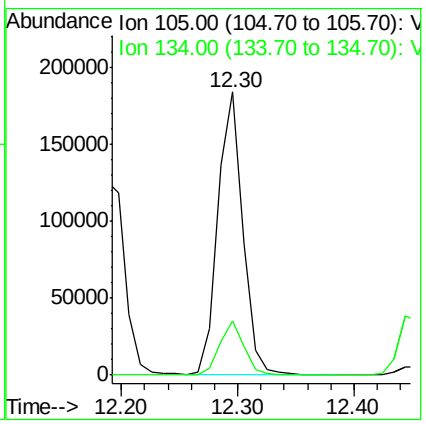


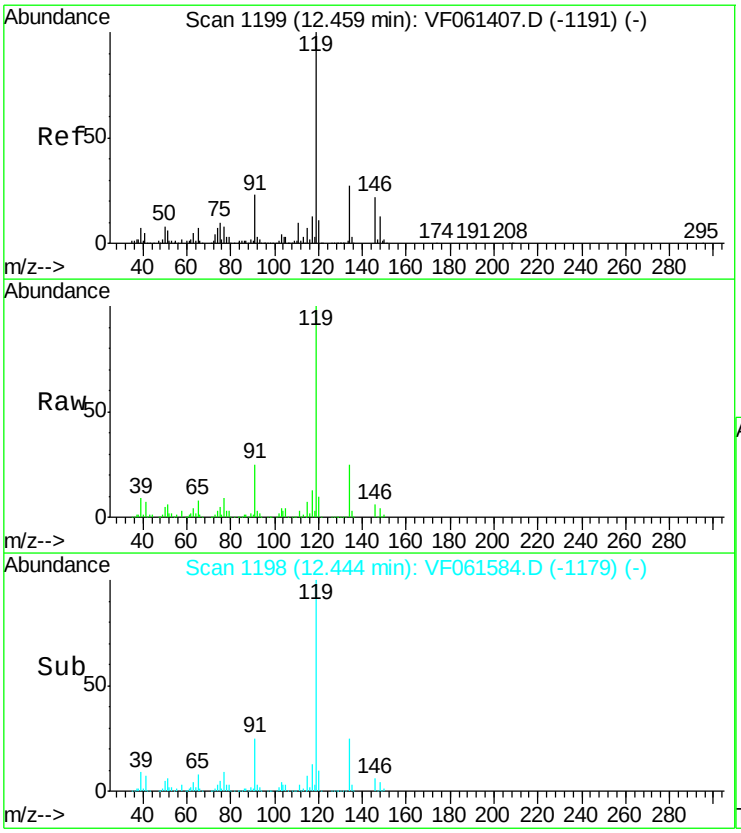
#85
sec-Butylbenzene
Concen: 22.807 ug/l
RT: 12.30 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion:105 Resp: 273077

Ion	Ratio	Lower	Upper
105	100		
134	18.9	10.0	30.0

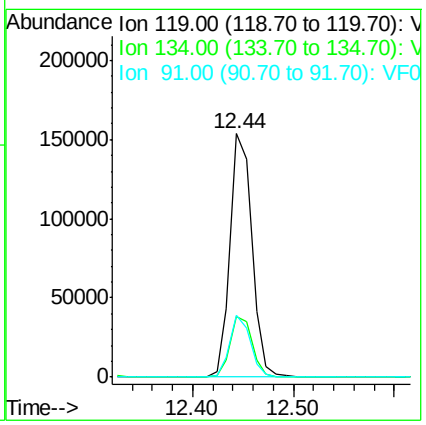


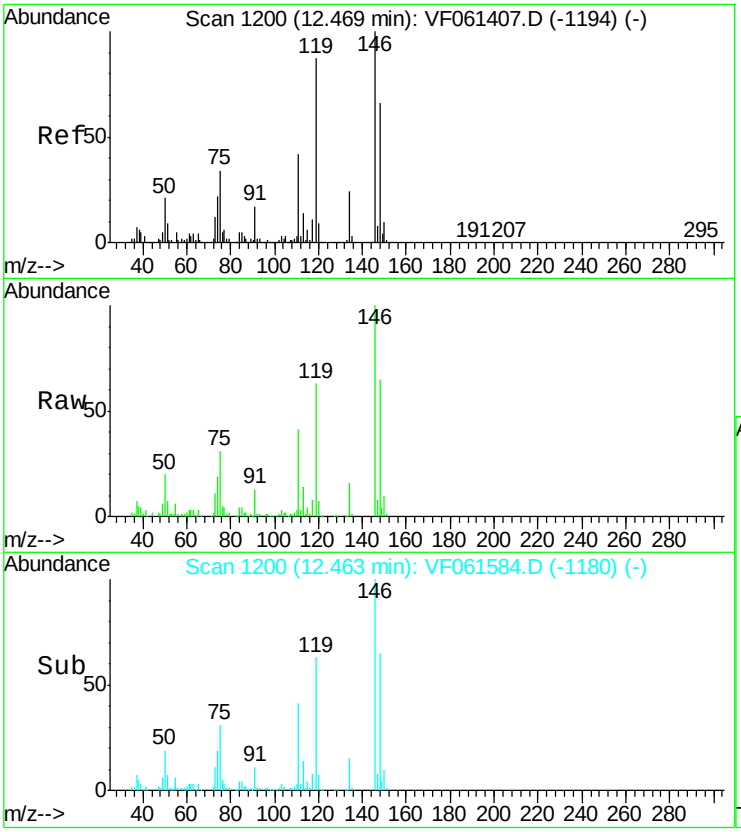


#86
p-Isopropyltoluene
Concen: 23.577 ug/l
RT: 12.44 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:119 Resp: 231738

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.4	40.2
91	25.3	11.4	34.2



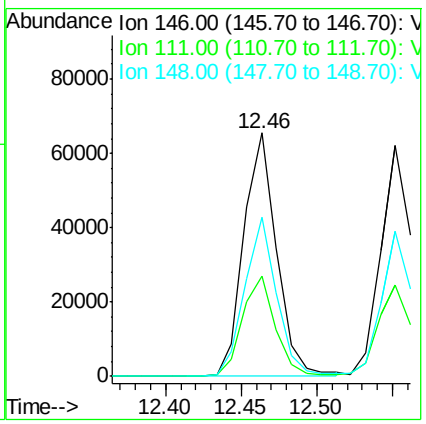


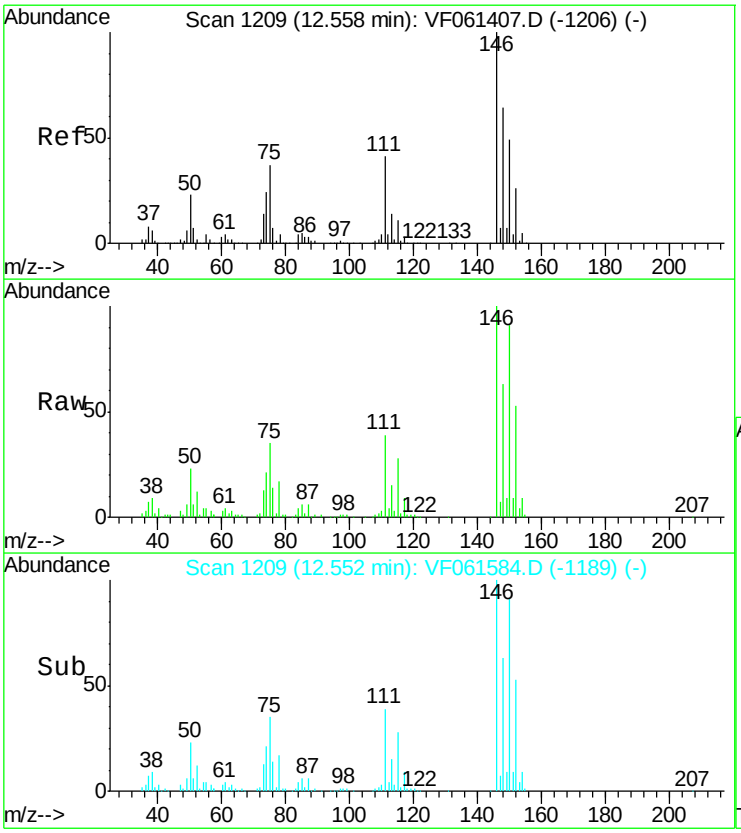
#87
1,3-Dichlorobenzene
Concen: 21.268 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:146 Resp: 99463

Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.4
148	65.1	32.9	98.6

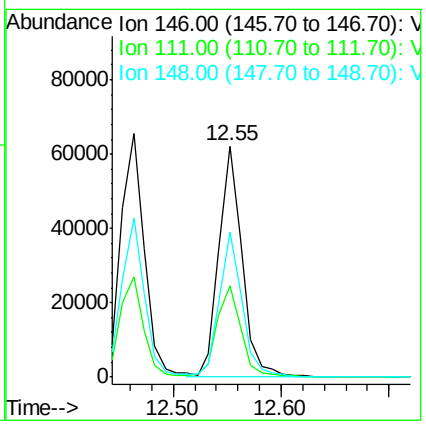


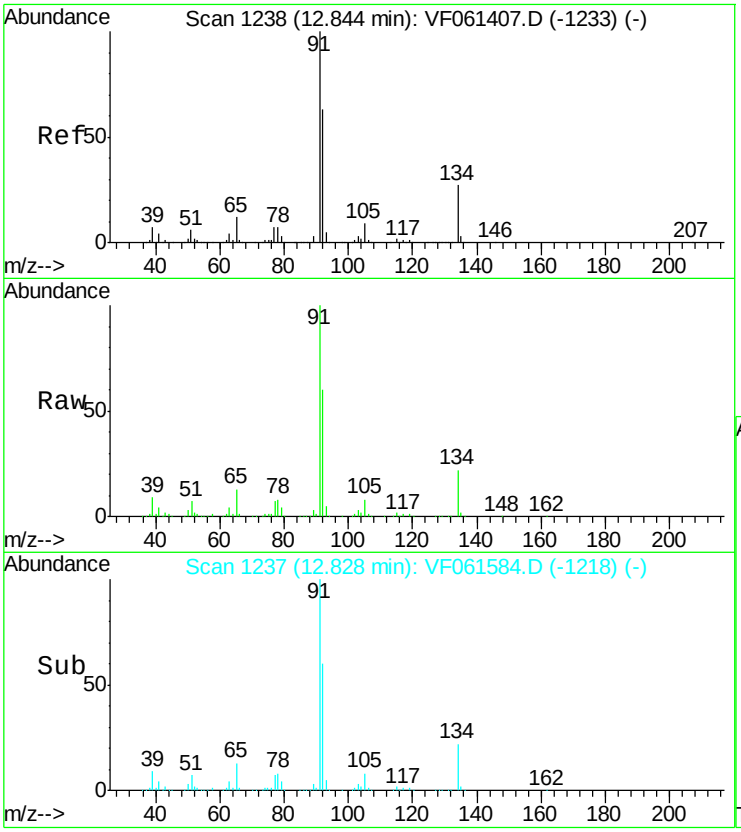


#88
1,4-Dichlorobenzene
Concen: 22.084 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:146 Resp: 93027

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.8	62.2
148	62.7	32.1	96.5



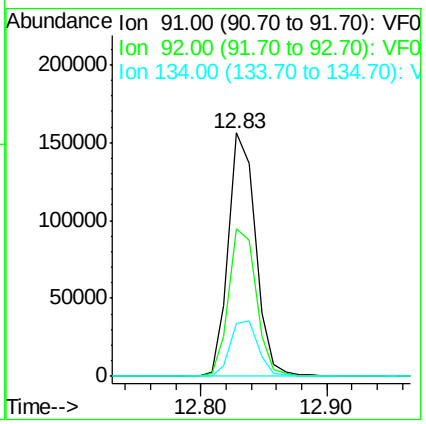


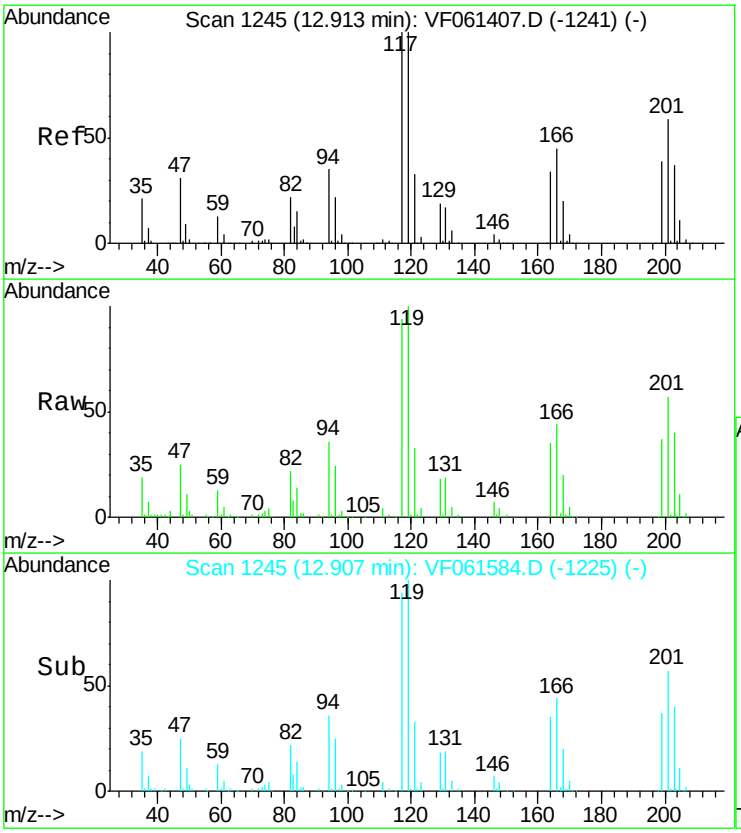
#89
n-Butylbenzene
Concen: 22.991 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument : MSVOA_F
ClientSampleId : VF0211SBSD01

Tgt Ion: 91 Resp: 233054

Ion	Ratio	Lower	Upper
91	100		
92	60.5	31.6	94.7
134	21.8	13.6	40.8

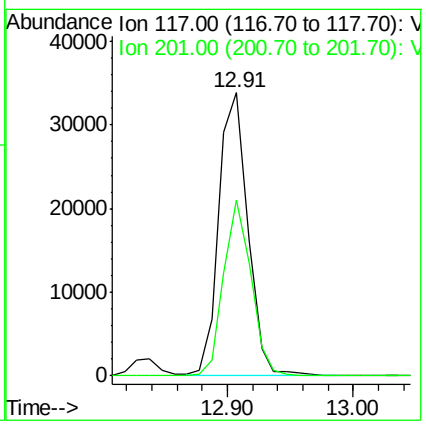


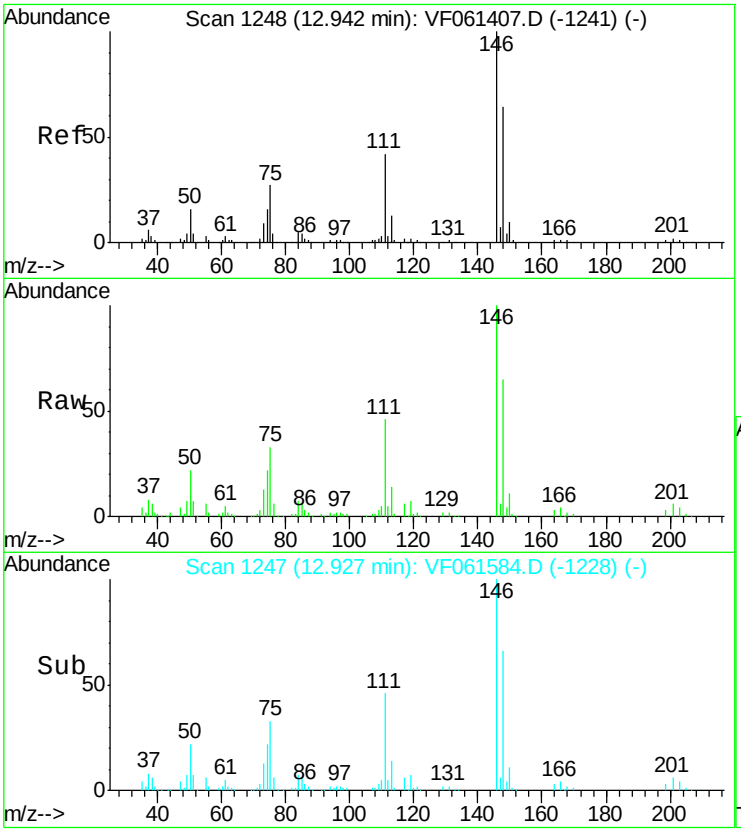


#90
Hexachloroethane
Concen: 23.296 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:117 Resp: 53975

Ion	Ratio	Lower	Upper
117	100		
201	62.1	29.3	87.8



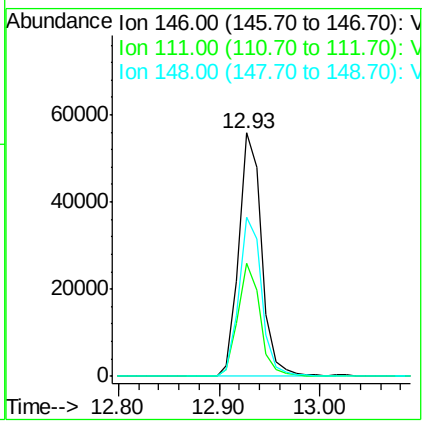


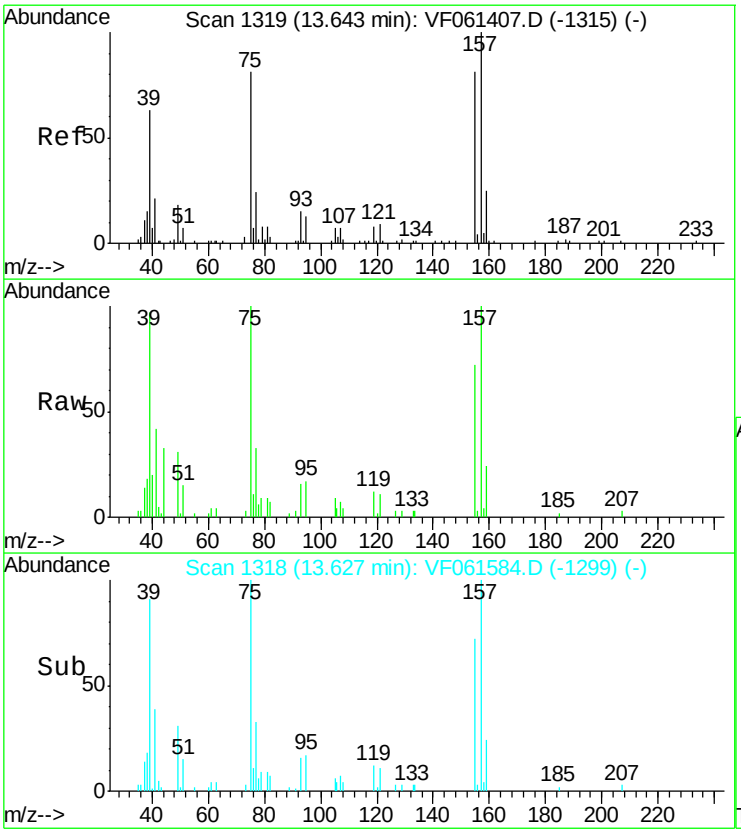
#91
1,2-Dichlorobenzene
Concen: 21.215 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:146 Resp: 88470

Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.1	63.3
148	65.4	31.9	95.7

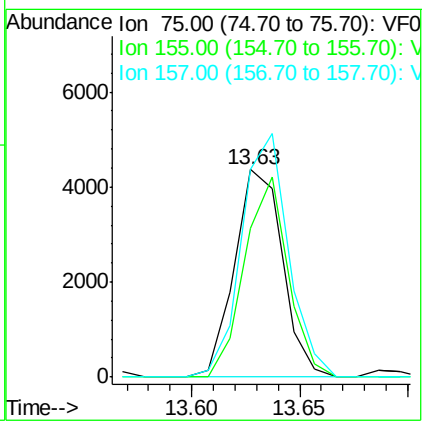


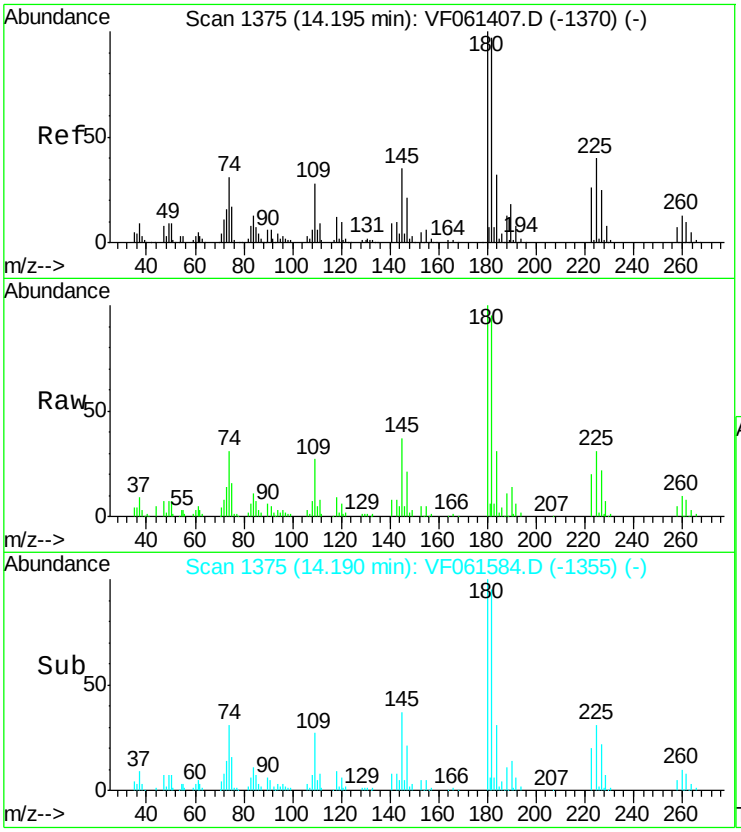


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.241 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion: 75 Resp: 6751

Ion	Ratio	Lower	Upper
75	100		
155	71.7	49.7	149.1
157	99.9	61.4	184.1



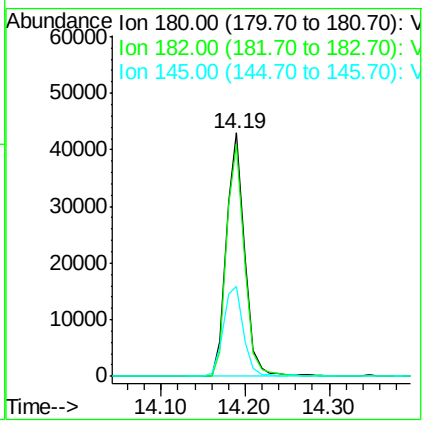


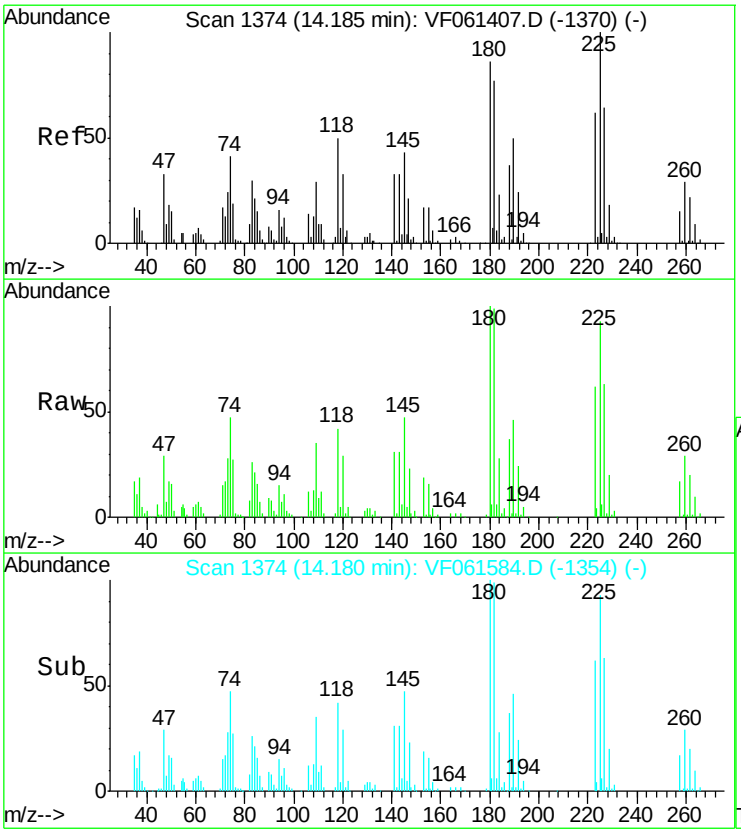
#93
1,2,4-Trichlorobenzene
Concen: 22.067 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:180 Resp: 64465

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.5	145.6
145	36.8	17.5	52.6

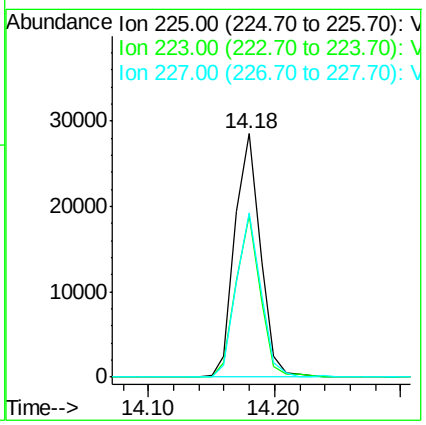


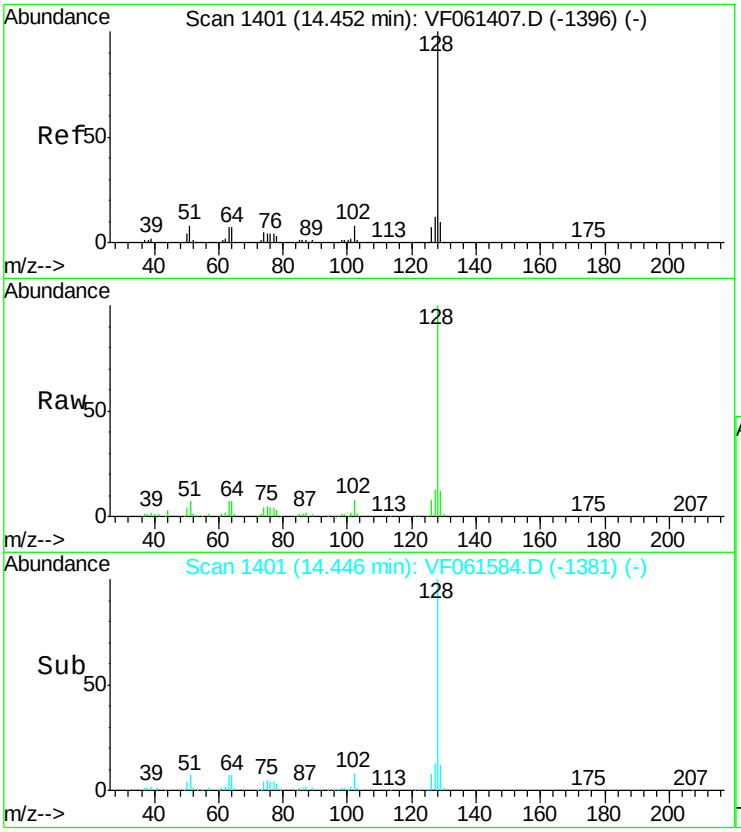


#94
Hexachlorobutadiene
Concen: 22.016 ug/l
RT: 14.18 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:225 Resp: 39909

Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.1	93.2
227	67.7	32.2	96.6



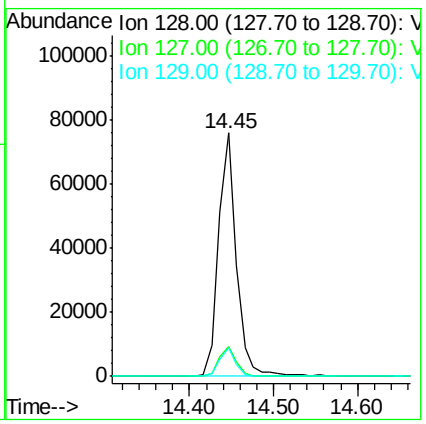


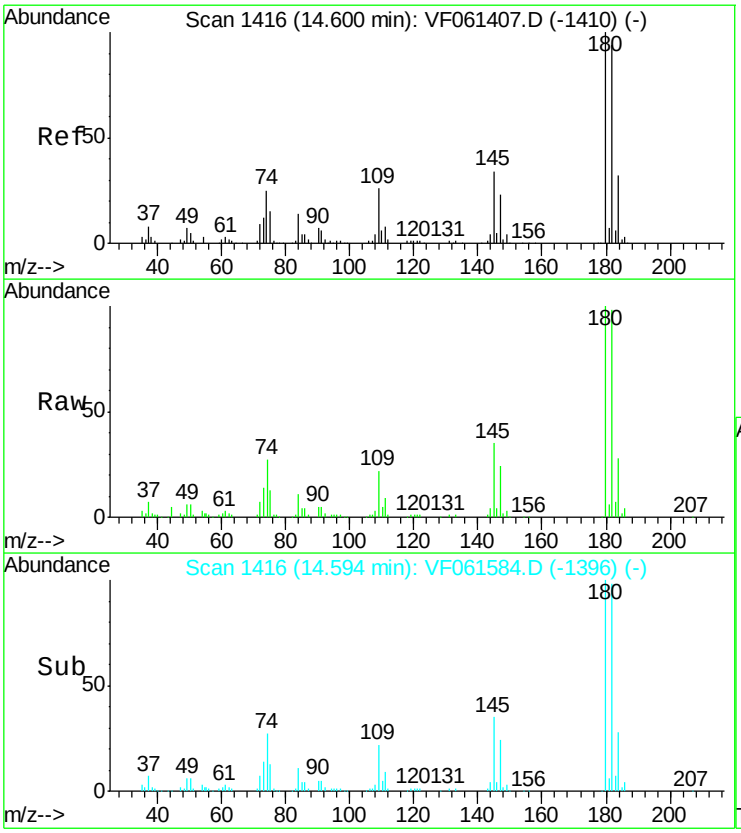
#95
Naphthalene
Concen: 20.151 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Instrument :
MSVOA_F
ClientSampleId :
VF0211SBSD01

Tgt Ion:128 Resp: 111845

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.5	14.3
129	11.9	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 22.629 ug/l
RT: 14.59 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF061584.D
Acq: 11 Feb 2019 14:20

Tgt Ion:180 Resp: 61195

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.0	141.2
145	34.6	17.1	51.2