Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
Data File : VF061790.D
Acq On : 28 Feb 2019 16:28
Operator : VA/AP
Sample : VF0228SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 01 00:36:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VF0228SBSD01

Manual Integrations APPROVED
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3/2/2019 4:09:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	292782	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	428247	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	368919	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	210655	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	104963	48.89	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.78%			
35) Dibromofluoromethane	4.09	113	150243	47.24	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.48%			
50) Toluene-d8	7.54	98	445670	48.75	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.50%			
62) 4-Bromofluorobenzene	11.40	95	169002	45.69	ug/l	-0.02
Spiked Amount 50.000			Recovery = 91.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	83840	24.935	ug/l	95
3) Chloromethane	1.10	50	77504	21.970	ug/l	99
4) Vinyl Chloride	1.14	62	78160	23.833	ug/l	96
5) Bromomethane	1.32	94	51657	22.886	ug/l	99
6) Chloroethane	1.38	64	37245	23.045	ug/l	98
7) Trichlorofluoromethane	1.48	101	93304	23.588	ug/l	100
8) Diethyl Ether	1.63	74	20053	20.117	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.83	101	65427	22.928	ug/l	95
10) Methyl Iodide	1.90	142	118894m	21.812	ug/l	
11) Tert butyl alcohol	2.57	59	12006	96.623	ug/l	97
12) 1,1-Dichloroethene	1.79	96	57596	22.957	ug/l	96
13) Acrolein	1.99	56	14098	90.275	ug/l	100
14) Allyl chloride	2.09	41	67319	21.867	ug/l	97
15) Acrylonitrile	2.93	53	43581	98.882	ug/l	92
16) Acetone	2.23	43	53899	117.006	ug/l	94
17) Carbon Disulfide	1.83	76	170905m	21.672	ug/l	
18) Methyl Acetate	2.34	43	24031	23.157	ug/l	97
19) Methyl tert-butyl Ether	2.42	73	96903	22.600	ug/l	94
20) Methylene Chloride	2.17	84	60134m	23.000	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	56593	20.750	ug/l	88
22) Diisopropyl ether	2.79	45	168029	22.737	ug/l	99
23) Vinyl Acetate	3.18	43	373678	103.526	ug/l	97
24) 1,1-Dichloroethane	2.86	63	100121	22.388	ug/l	99
25) 2-Butanone	4.32	43	106591	105.933	ug/l	97
26) 2,2-Dichloropropane	3.58	77	48629	25.671	ug/l	97
27) cis-1,2-Dichloroethene	3.46	96	77993	21.787	ug/l	90
28) Bromochloromethane	3.70	49	45724	21.309	ug/l	88
29) Tetrahydrofuran	4.05	42	42868	93.735	ug/l	100
30) Chloroform	3.85	83	114133	22.441	ug/l	96
31) Cyclohexane	3.68	56	105054m	21.699	ug/l	
32) 1,1,1-Trichloroethane	4.08	97	76815	23.057	ug/l	95
36) 1,1-Dichloropropene	4.27	75	92433	21.788	ug/l	91
37) Ethyl Acetate	4.10	43	38112	19.342	ug/l #	99
38) Carbon Tetrachloride	3.98	117	68124	23.256	ug/l	99

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Quant Time: Mar 01 00:36:06 2019
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.43	83	115553	23.031	ug/l		98
40) Benzene	4.62	78	248083	22.357	ug/l		97
41) Methacrylonitrile	4.72	41	23353	23.175	ug/l		95
42) 1,2-Dichloroethane	4.93	62	60735	22.882	ug/l		93
43) Isopropyl Acetate	6.94	43	45485	19.501	ug/l	#	99
44) Trichloroethene	5.48	130	82523	22.998	ug/l		97
45) 1,2-Dichloropropane	6.22	63	57669	21.501	ug/l		96
46) Dibromomethane	6.08	93	37660	22.804	ug/l		86
47) Bromodichloromethane	6.37	83	83785	23.168	ug/l		98
48) Methyl methacrylate	6.70	41	25947	18.486	ug/l		90
49) 1,4-Dioxane	6.70	88	5409	409.939	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.25	43	167611	100.572	ug/l		96
52) Toluene	7.61	92	150193	22.318	ug/l		96
53) t-1,3-Dichloropropene	8.26	75	66610	22.130	ug/l		94
54) cis-1,3-Dichloropropene	7.28	75	90366	22.540	ug/l		92
55) 1,1,2-Trichloroethane	8.47	97	41568	21.023	ug/l		94
56) Ethyl methacrylate	8.60	69	46792	21.255	ug/l		96
57) 1,3-Dichloropropane	8.84	76	72196	21.875	ug/l		92
58) 2-Chloroethyl Vinyl ether	7.28	63	38960	102.573	ug/l		99
59) 2-Hexanone	9.48	43	127052	108.757	ug/l		99
60) Dibromochloromethane	8.70	129	59210	21.514	ug/l		99
61) 1,2-Dibromoethane	8.97	107	47621	22.205	ug/l		91
64) Tetrachloroethene	8.14	164	69682	23.108	ug/l		98
65) Chlorobenzene	9.78	112	166818	22.283	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.91	131	68662	23.406	ug/l		96
67) Ethyl Benzene	9.88	91	295039	23.699	ug/l		96
68) m/p-Xylenes	10.12	106	224726	47.166	ug/l		100
69) o-Xylene	10.70	106	116697	22.953	ug/l		97
70) Styrene	10.78	104	165720	23.041	ug/l		98
71) Bromoform	10.76	173	34350	21.564	ug/l		98
73) Isopropylbenzene	11.11	105	327475	21.834	ug/l		100
74) N-amyl acetate	11.36	43	75700	21.028	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.69	83	57401	21.363	ug/l		98
76) 1,2,3-Trichloropropane	11.79	75	37392	20.468	ug/l		98
77) Bromobenzene	11.48	156	82967	22.392	ug/l		89
78) n-propylbenzene	11.58	91	401216	23.312	ug/l		95
79) 2-Chlorotoluene	11.71	91	222531	23.087	ug/l		93
80) 1,3,5-Trimethylbenzene	11.81	105	271244	22.628	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.85	75	16123m	18.409	ug/l		
82) 4-Chlorotoluene	11.88	91	222236	22.213	ug/l		91
83) tert-Butylbenzene	12.12	119	288921	21.761	ug/l		98
84) 1,2,4-Trimethylbenzene	12.19	105	271809	22.824	ug/l		93
85) sec-Butylbenzene	12.30	105	385411	22.448	ug/l		98
86) p-Isopropyltoluene	12.45	119	329238	22.849	ug/l		98
87) 1,3-Dichlorobenzene	12.47	146	158070	21.883	ug/l		98
88) 1,4-Dichlorobenzene	12.55	146	153125	22.042	ug/l		97
89) n-Butylbenzene	12.83	91	321149	23.603	ug/l		100
90) Hexachloroethane	12.91	117	77051	22.992	ug/l		99
91) 1,2-Dichlorobenzene	12.93	146	153704	22.371	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.63	75	9158	21.497	ug/l		94

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Operator : VA/AP
Sample : VF0228SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 01 00:36:06 2019
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	107528	21.834 ug/l	98
94) Hexachlorobutadiene	14.18	225	68545	22.537 ug/l	97
95) Naphthalene	14.45	128	168965	19.610 ug/l	98
96) 1,2,3-Trichlorobenzene	14.60	180	94934	21.003 ug/l	98

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

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Manual Integrations APPROVED
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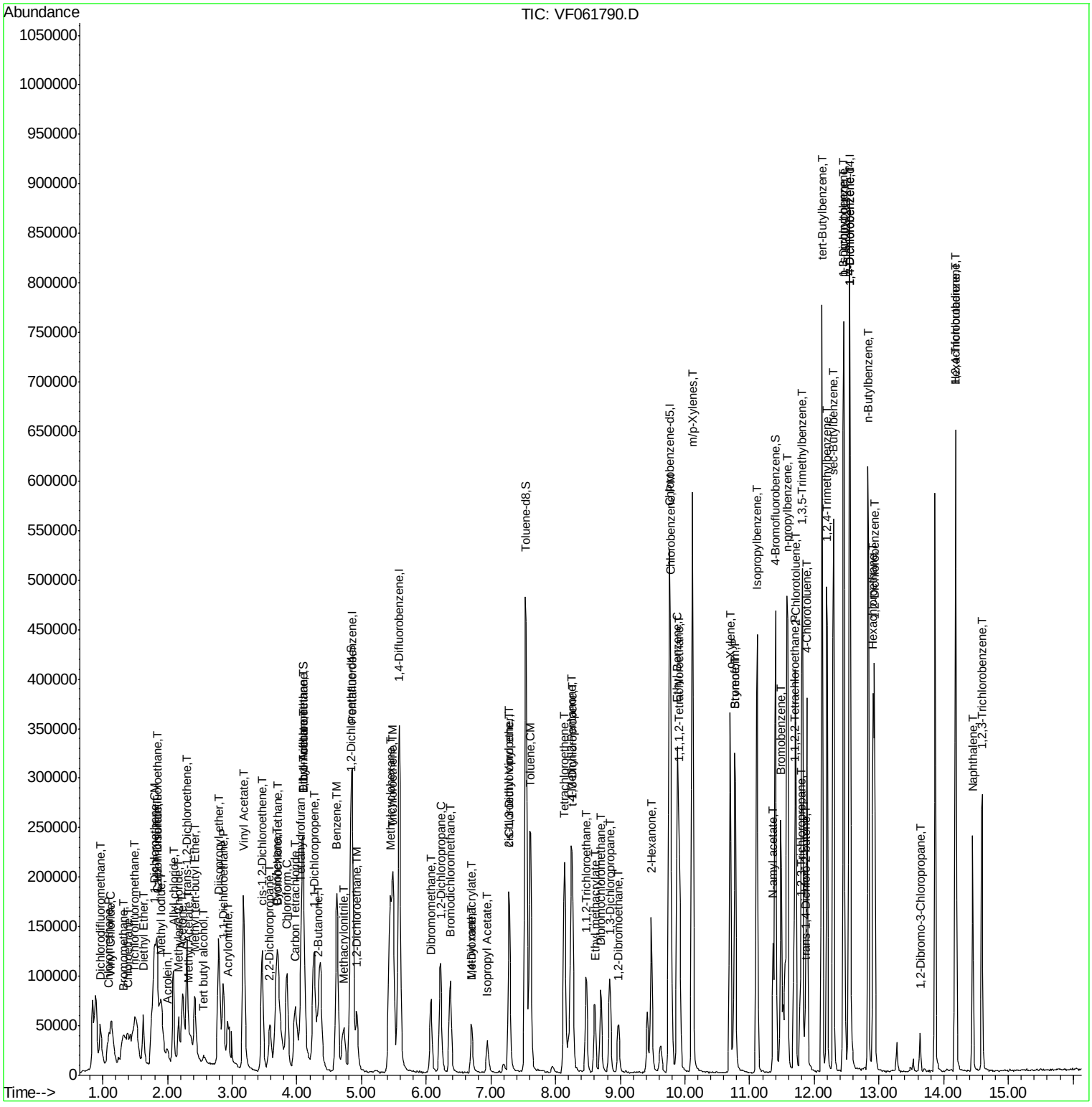
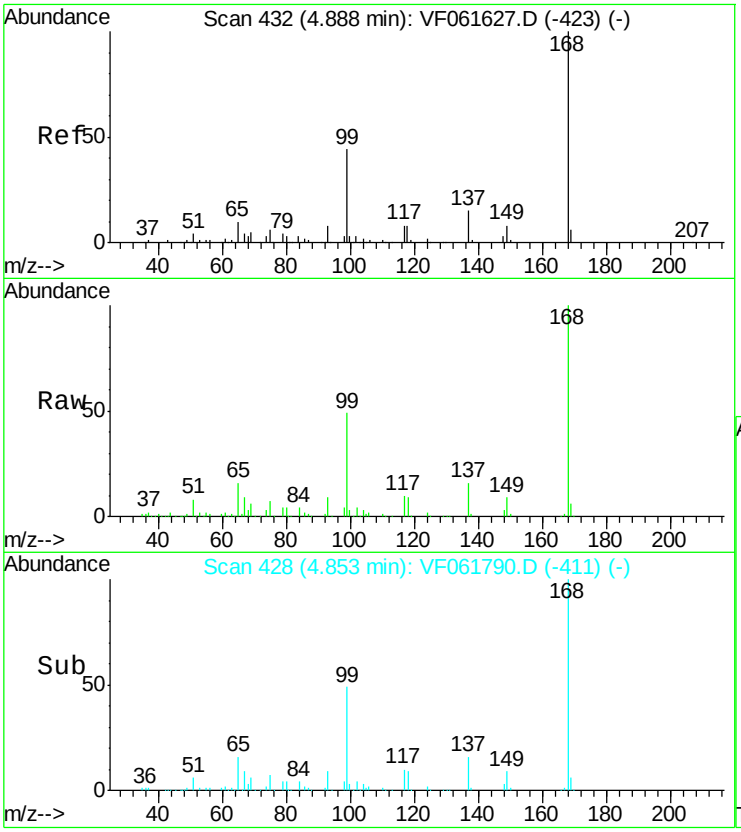
3/2/2019 4:09:44 AM

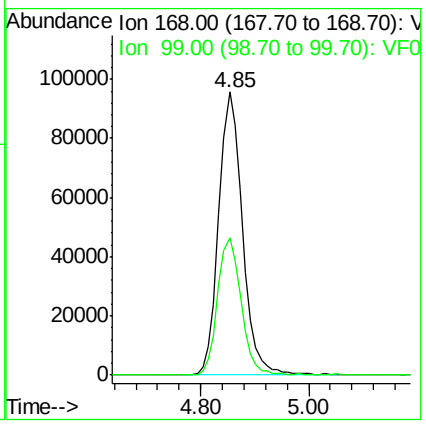




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:168 Resp: 292782

Ion	Ratio	Lower	Upper
168	100		
99	48.5	34.9	52.3



Instrument :
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ClientSampleId :
VF0228SBSD01

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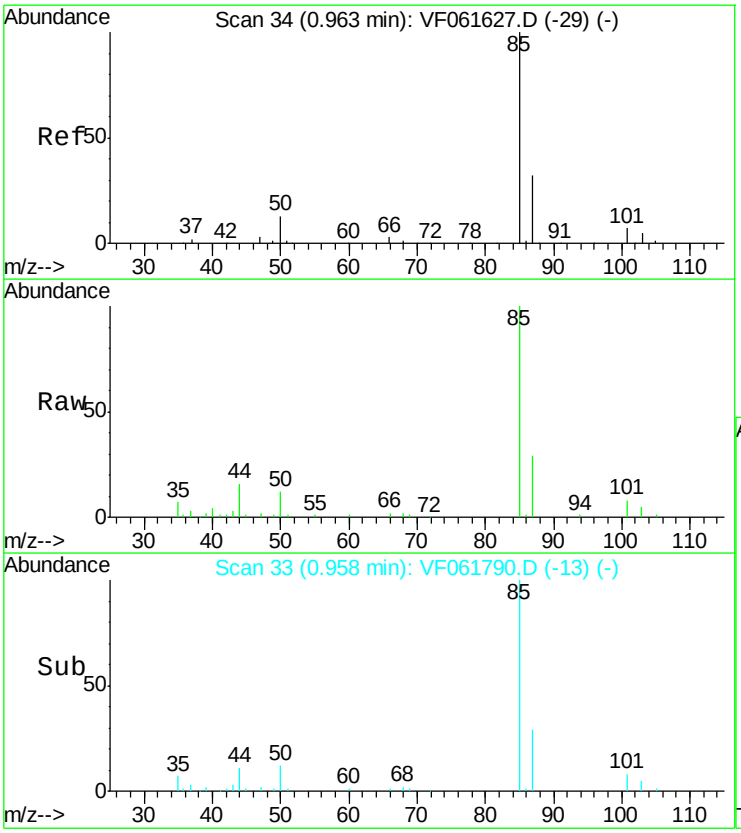
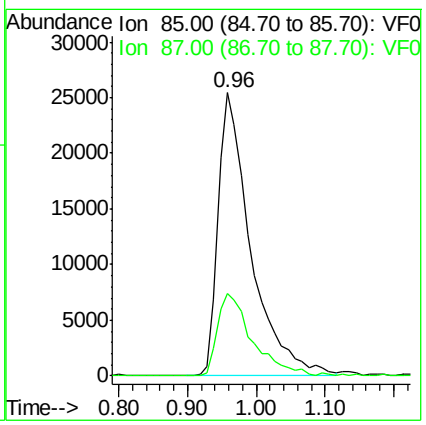
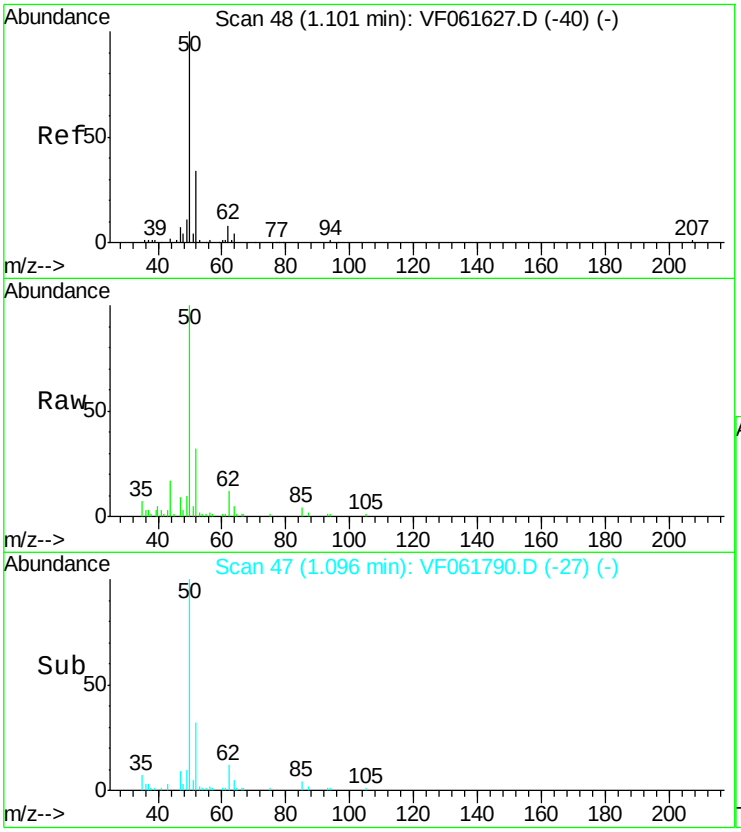


#2
Dichlorodifluoromethane
Concen: 24.935 ug/l
RT: 0.96 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 85 Resp: 83840

Ion	Ratio	Lower	Upper
85	100		
87	29.3	16.1	48.2

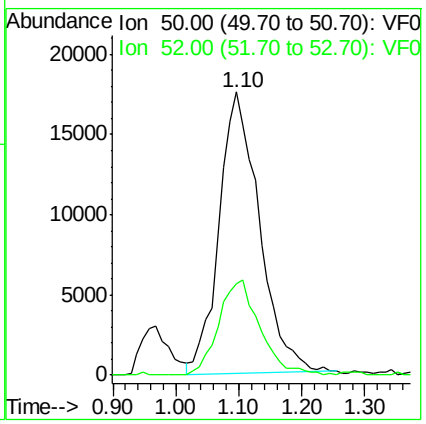




#3
Chloromethane
Concen: 21.970 ug/l
RT: 1.10 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 50 Resp: 77504

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.2	39.4



Instrument :
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ClientSampleId :
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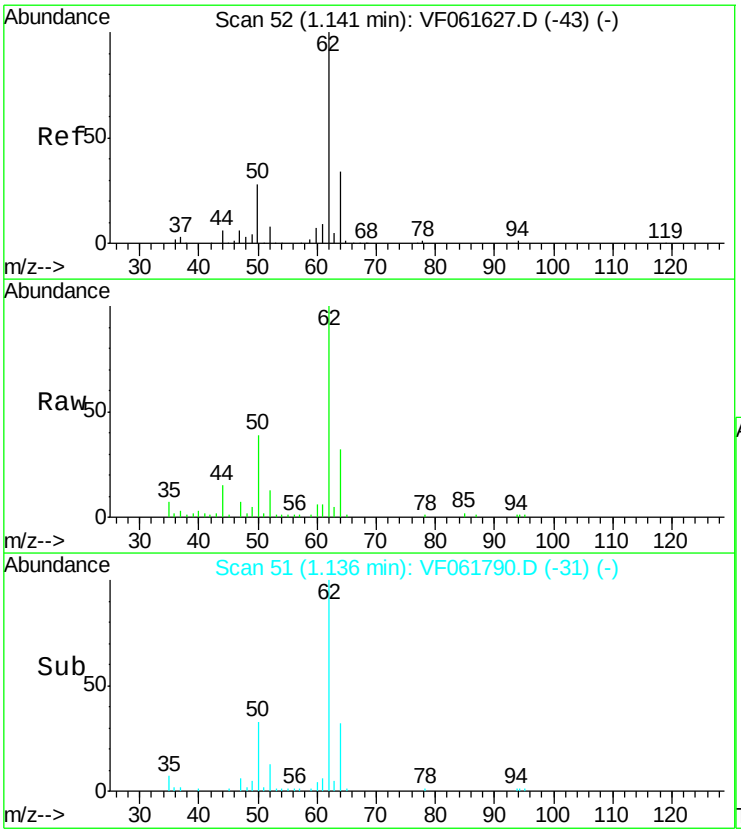
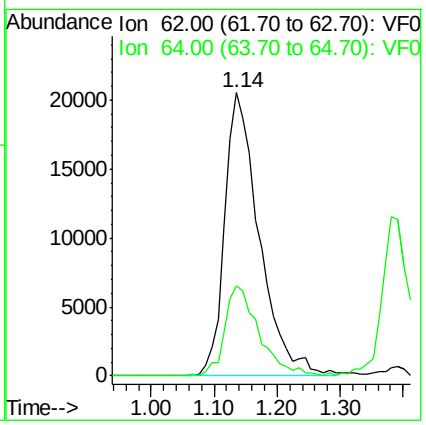
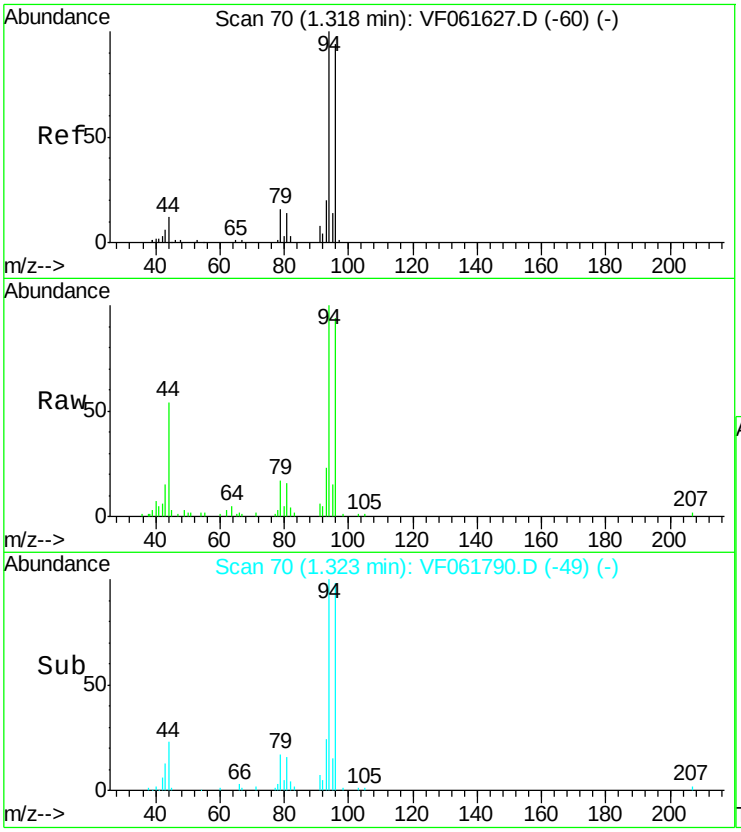


#4
Vinyl Chloride
Concen: 23.833 ug/l
RT: 1.14 min Scan# 51
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 62 Resp: 78160

Ion	Ratio	Lower	Upper
62	100		
64	31.9	27.5	41.3

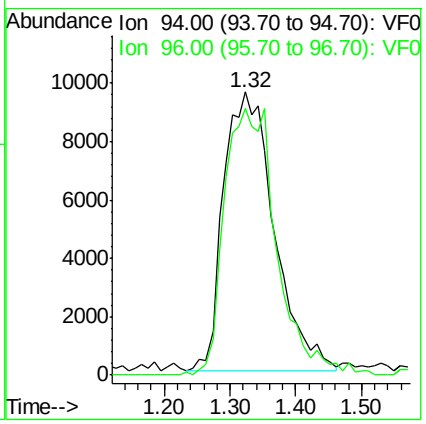




#5
Bromomethane
Concen: 22.886 ug/l
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 94 Resp: 51657

Ion	Ratio	Lower	Upper
94	100		
96	94.4	74.6	112.0



Instrument :
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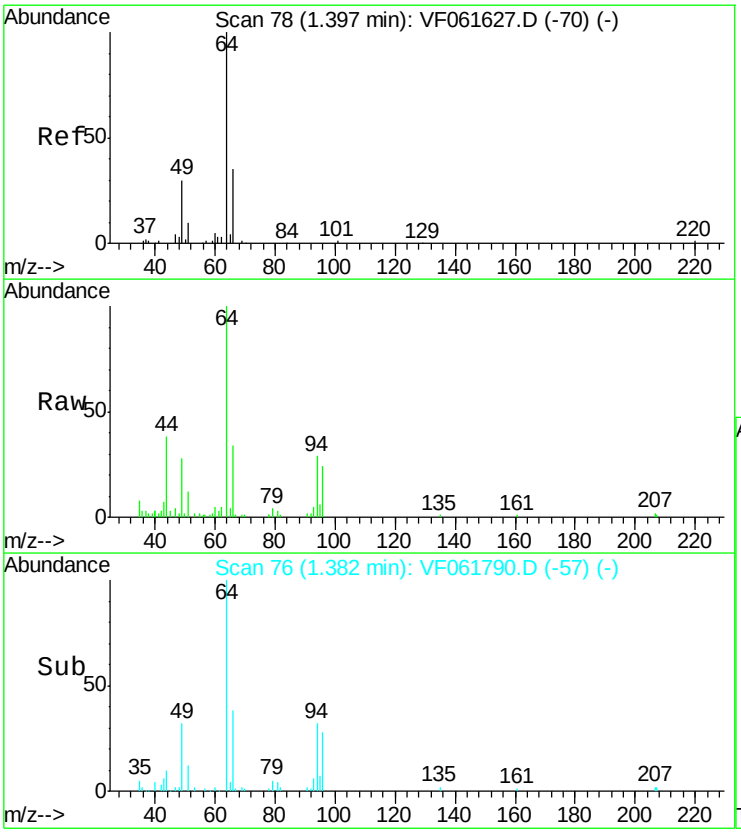
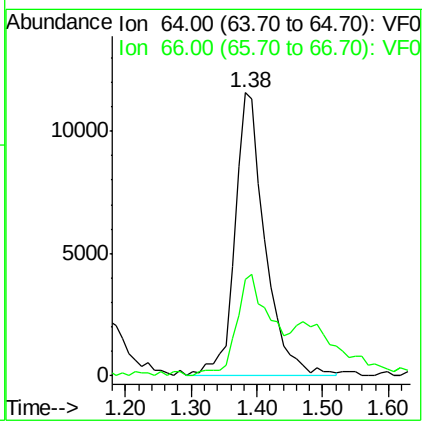
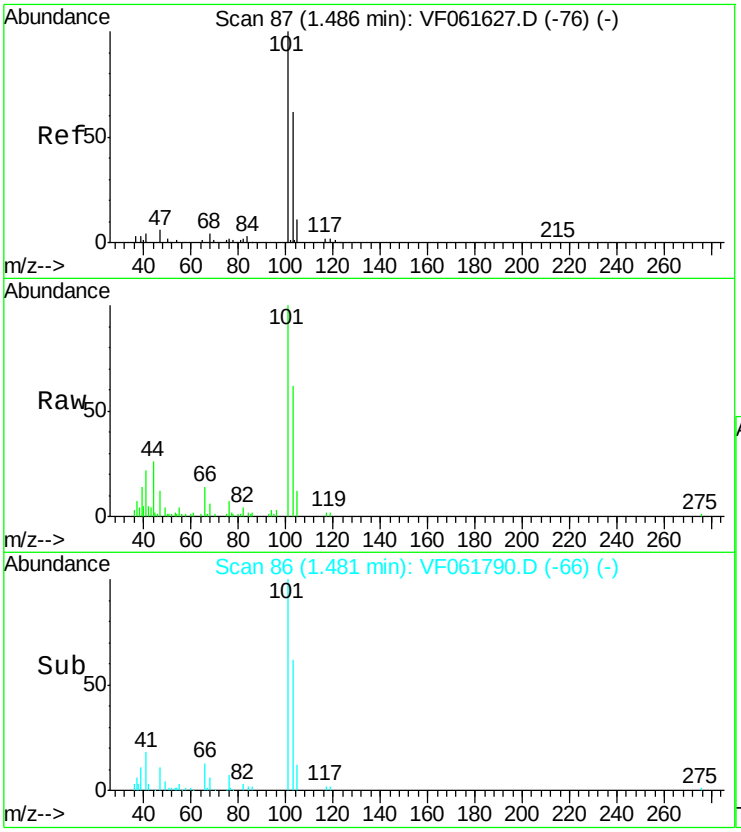


#6
Chloroethane
Concen: 23.045 ug/l
RT: 1.38 min Scan# 76
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 64 Resp: 37245

Ion	Ratio	Lower	Upper
64	100		
66	34.0	27.9	41.9

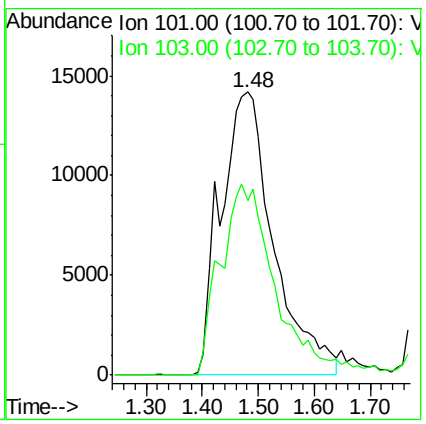




#7
Trichlorofluoromethane
Concen: 23.588 ug/l
RT: 1.48 min Scan# 86
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:101 Resp: 93304

Ion	Ratio	Lower	Upper
101	100		
103	61.9	49.3	73.9



Instrument :
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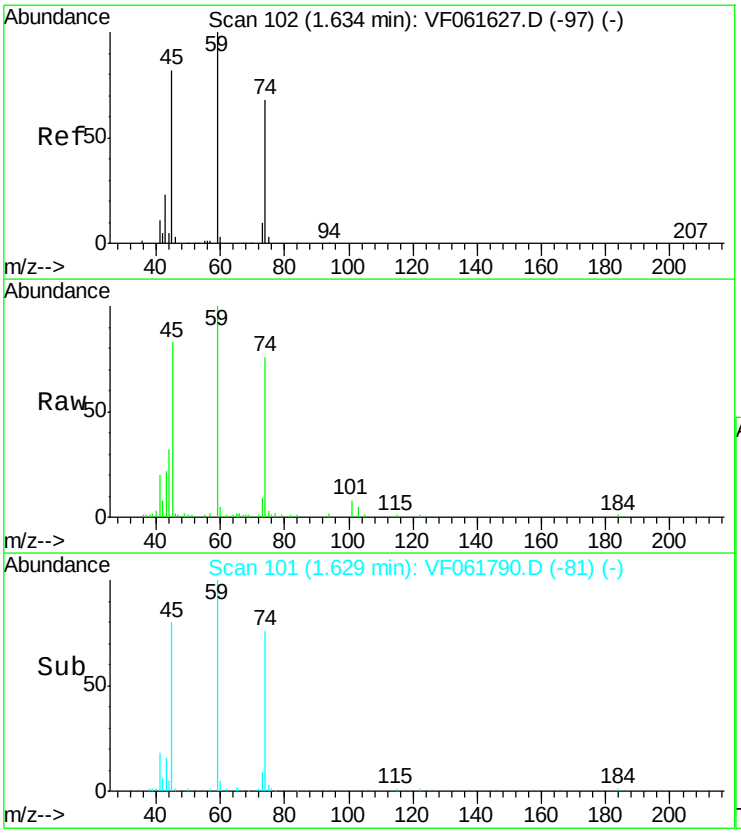
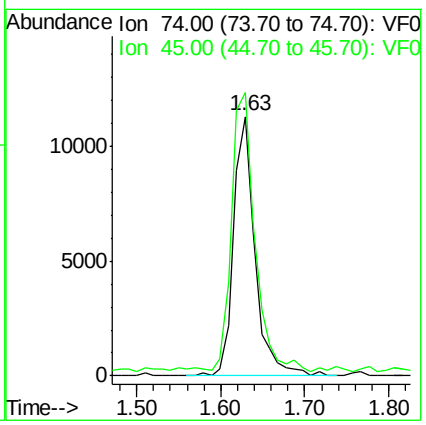
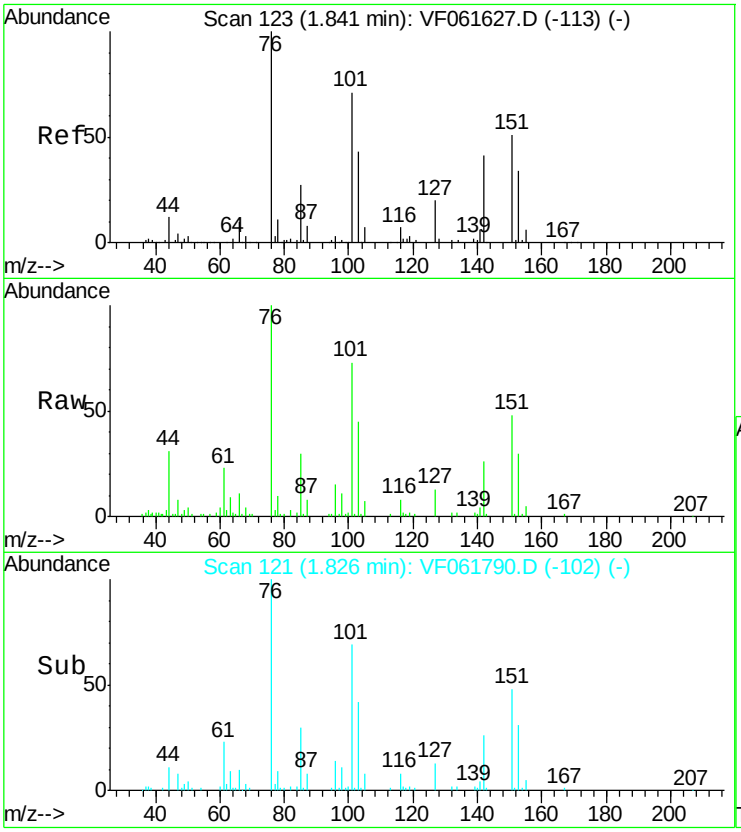


#8
Diethyl Ether
Concen: 20.117 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 74 Resp: 20053

Ion	Ratio	Lower	Upper
74	100		
45	109.2	60.8	182.3

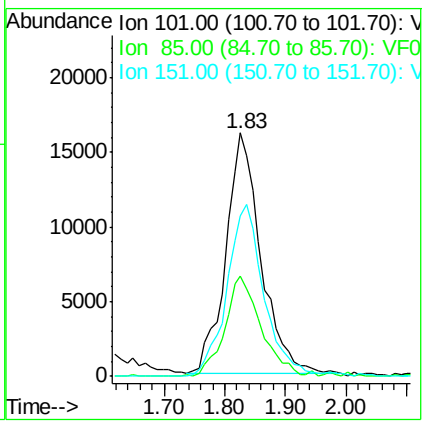




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.928 ug/l
RT: 1.83 min Scan# 121
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:101 Resp: 65427

Ion	Ratio	Lower	Upper
101	100		
85	41.4	29.8	44.6
151	66.8	56.3	84.5



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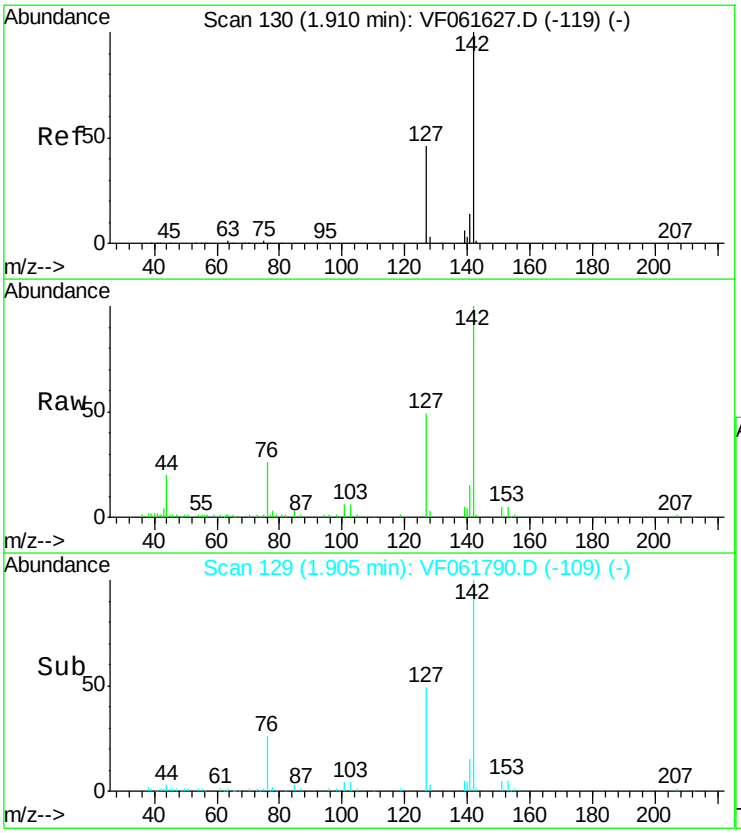
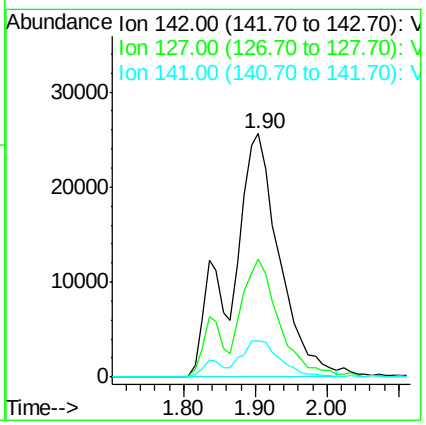
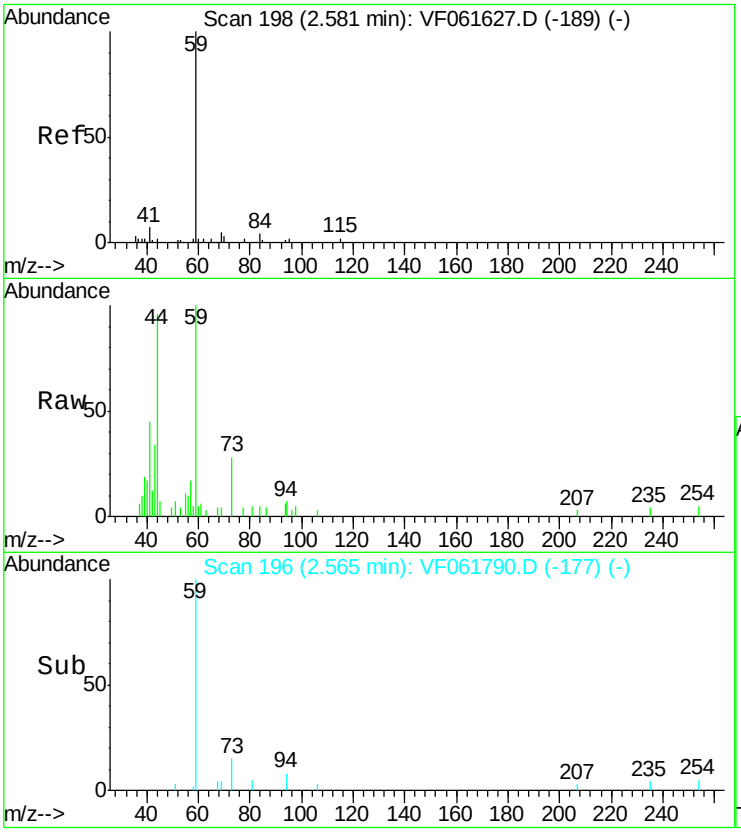


#10
Methyl Iodide
Concen: 21.812 ug/l m
RT: 1.90 min Scan# 129
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:142 Resp: 118894

Ion	Ratio	Lower	Upper
142	100		
127	48.8	36.6	55.0
141	14.9	11.0	16.6





#11
Tert butyl alcohol
Concen: 96.623 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 59 Resp: 12006

Ion	Ratio	Lower	Upper
59	100		
57	17.0	12.5	18.7

Instrument :
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ClientSampleId :
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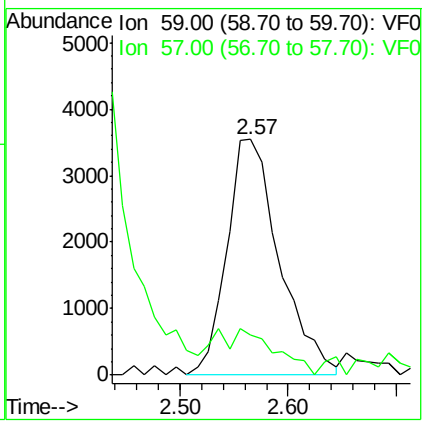
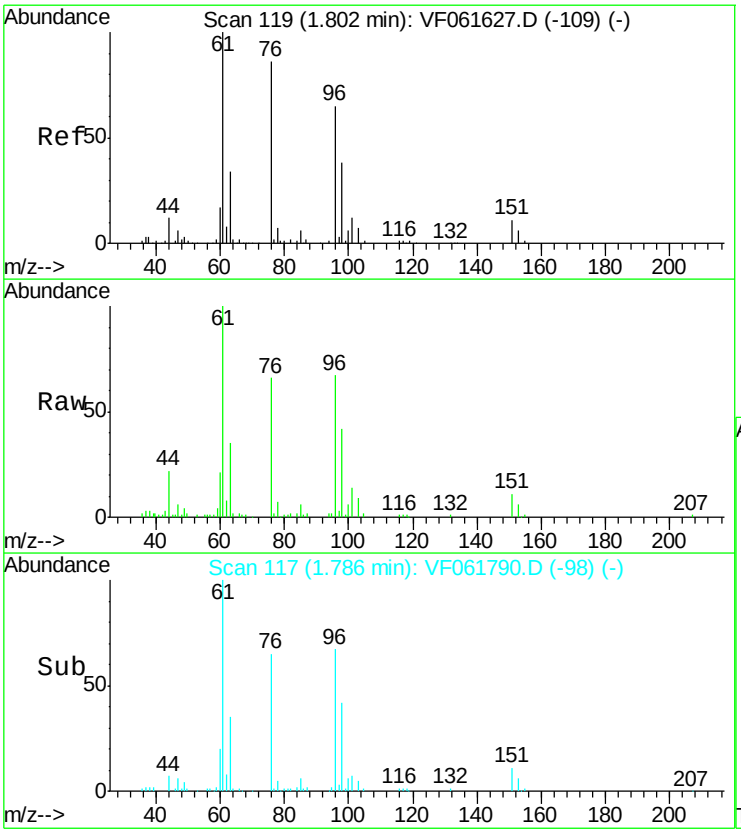
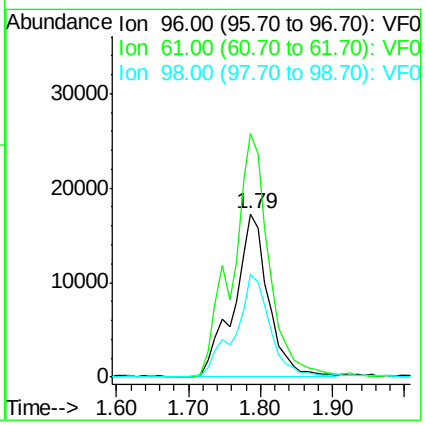


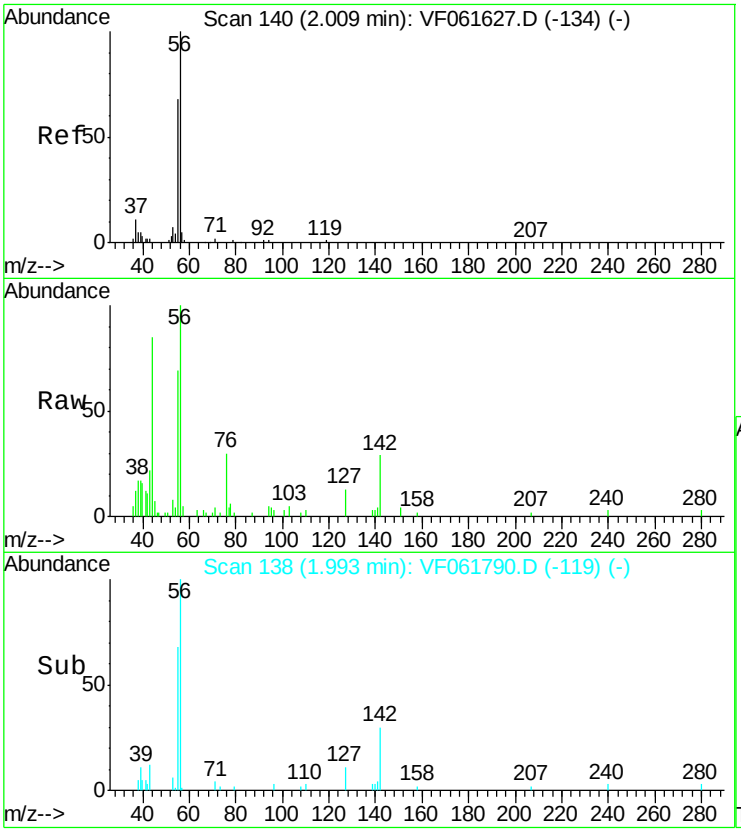


#12
1,1-Dichloroethene
Concen: 22.957 ug/l
RT: 1.79 min Scan# 117
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 96 Resp: 57596

Ion	Ratio	Lower	Upper
96	100		
61	148.8	122.6	184.0
98	62.6	47.2	70.8

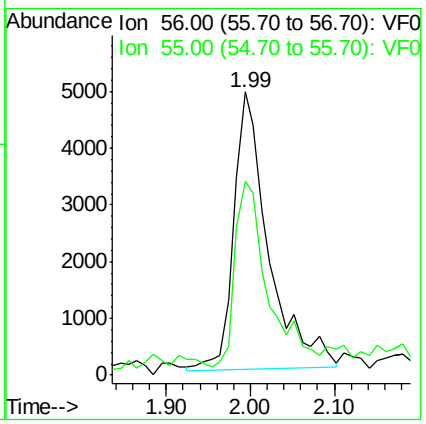




#13
Acrolein
Concen: 90.275 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 56 Resp: 14098

Ion	Ratio	Lower	Upper
56	100		
55	68.7	55.0	82.6



Instrument :
MSVOA_F
ClientSampleId :
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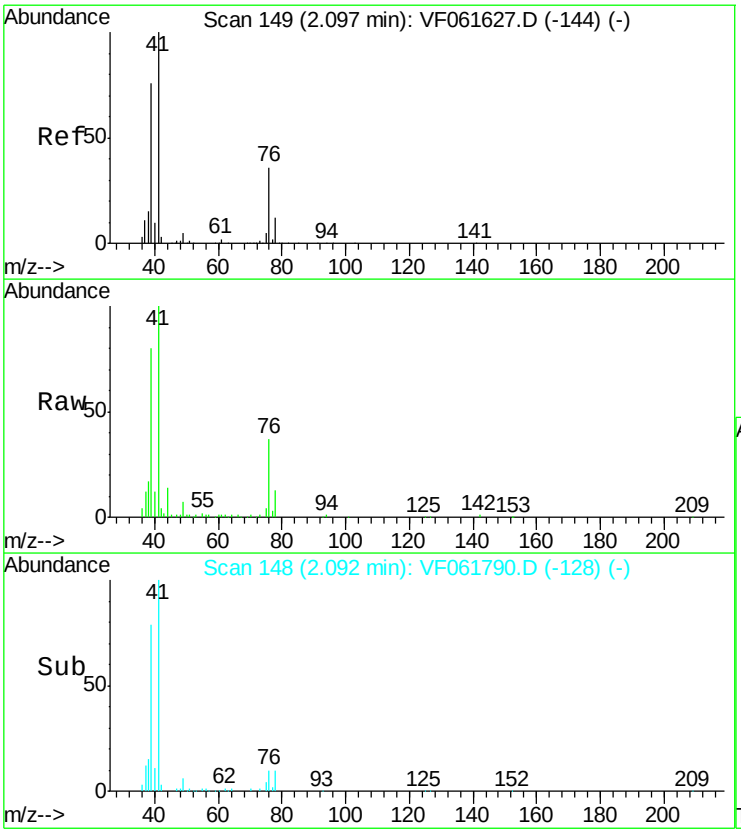
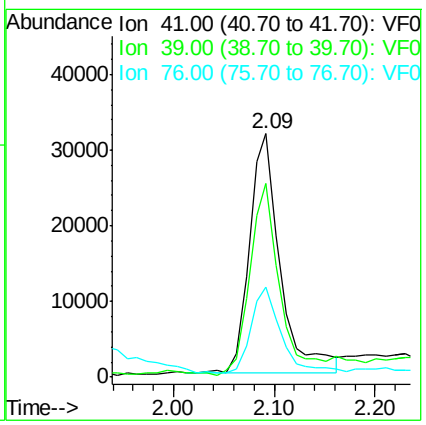
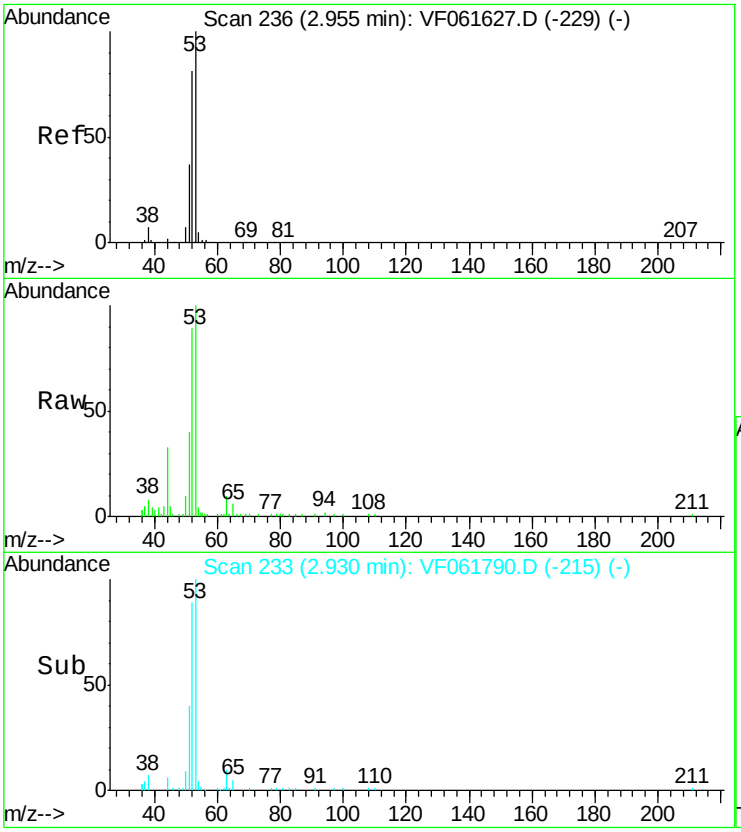


#14
Allyl chloride
Concen: 21.867 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 41 Resp: 67319

Ion	Ratio	Lower	Upper
41	100		
39	79.5	61.6	92.4
76	36.8	30.3	45.5

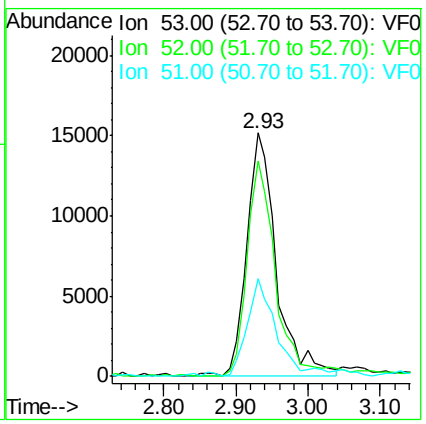




#15
Acrylonitrile
Concen: 98.882 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 53 Resp: 43581

Ion	Ratio	Lower	Upper
53	100		
52	88.6	64.6	97.0
51	40.4	29.8	44.8



Instrument :
MSVOA_F
ClientSampleId :
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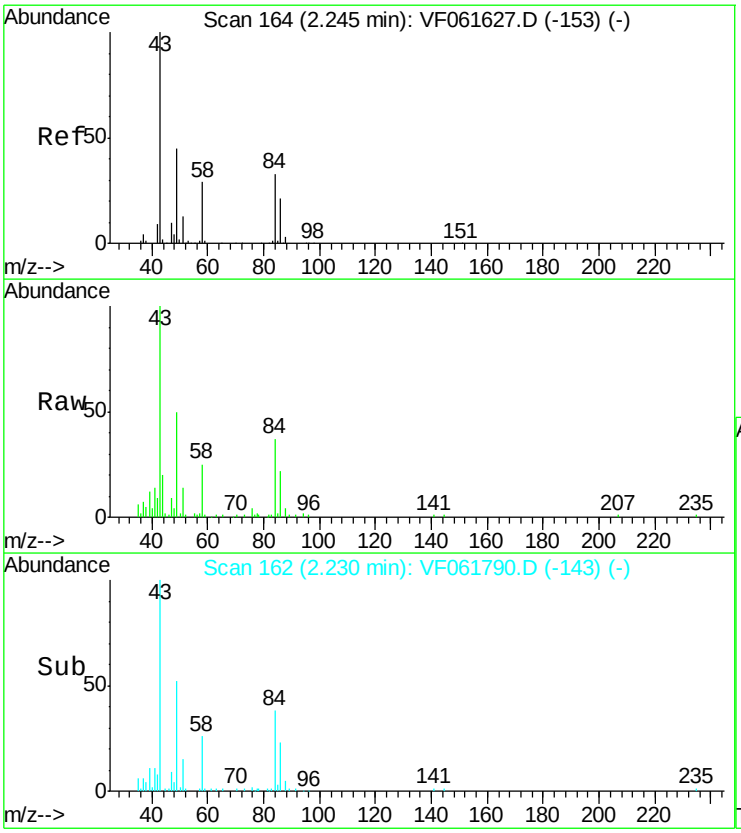
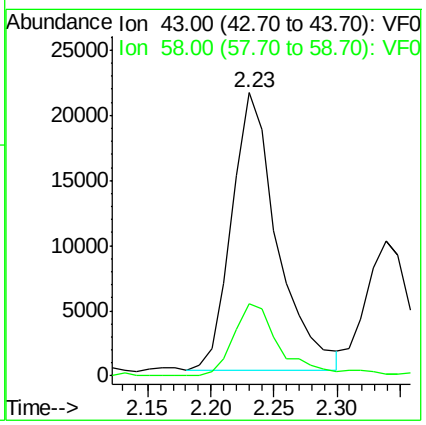
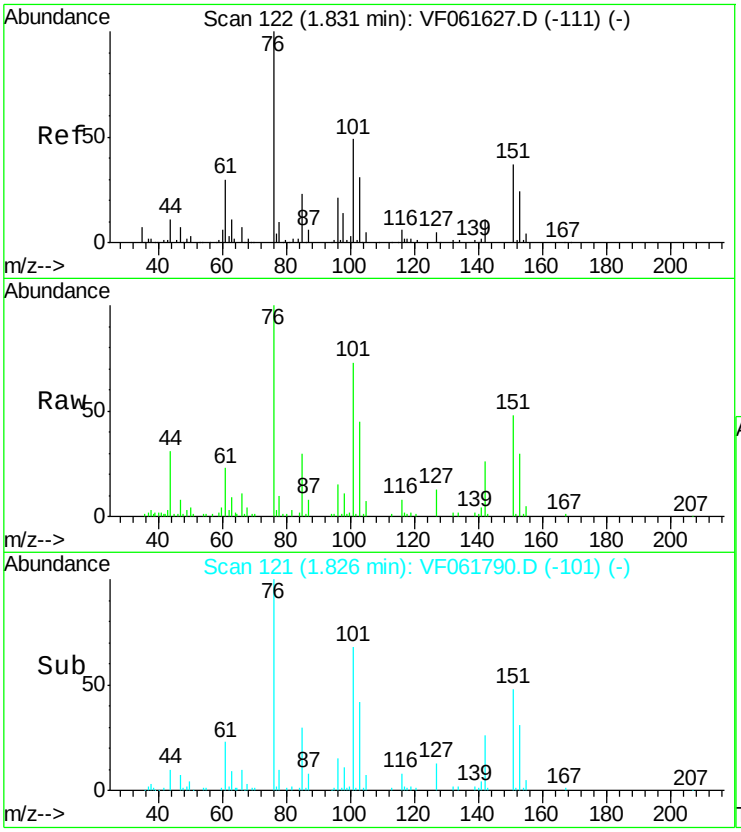


#16
Acetone
Concen: 117.006 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 53899

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.9	34.3

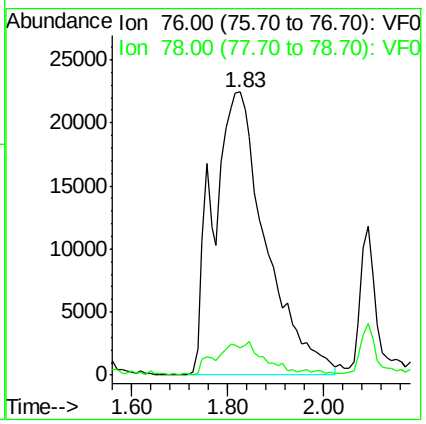




#17
Carbon Disulfide
Concen: 21.672 ug/l m
RT: 1.83 min Scan# 121
Delta R.T. -0.01 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 76 Resp: 170905

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.9	11.9



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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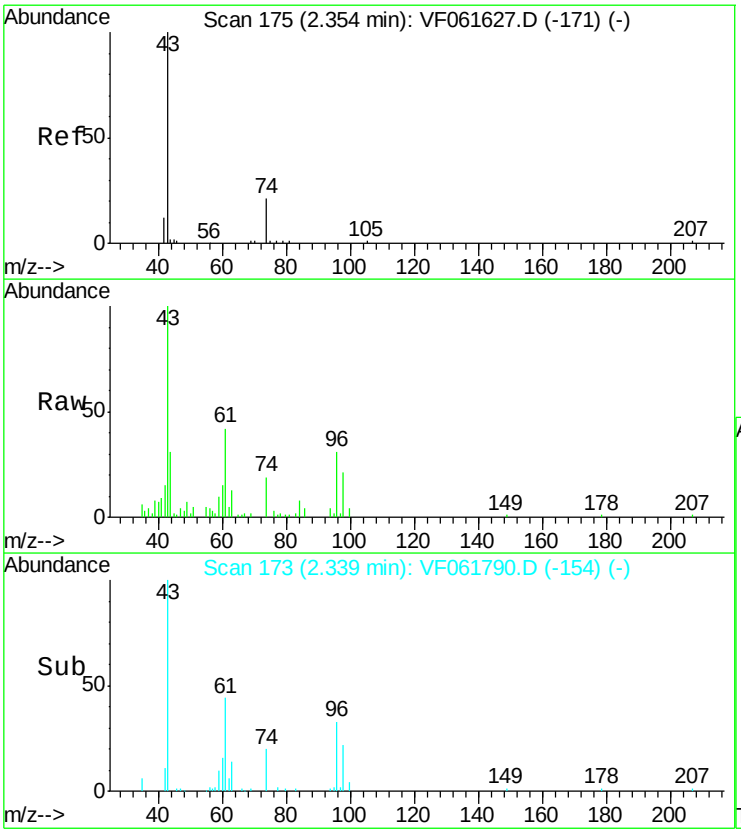
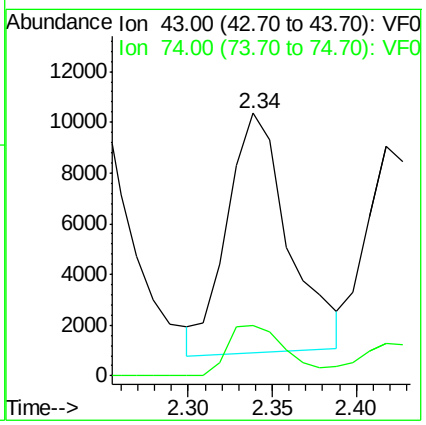
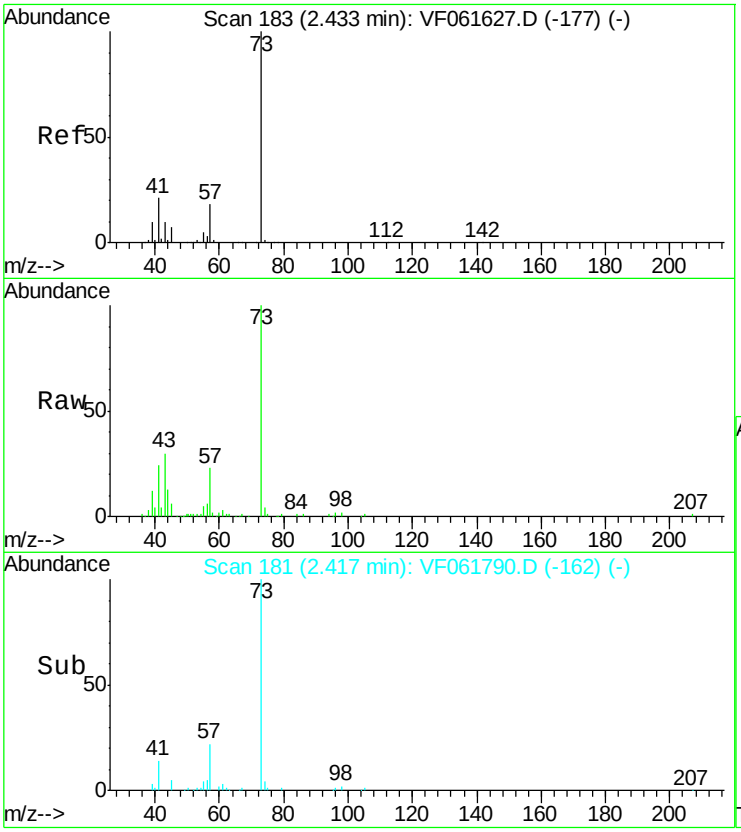


#18
Methyl Acetate
Concen: 23.157 ug/l
RT: 2.34 min Scan# 173
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 24031

Ion	Ratio	Lower	Upper
43	100		
74	19.4	14.6	21.8

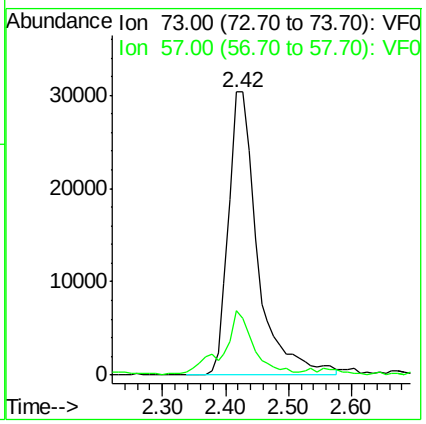




#19
Methyl tert-butyl Ether
Concen: 22.600 ug/l
RT: 2.42 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 73 Resp: 96903

Ion	Ratio	Lower	Upper
73	100		
57	22.6	15.8	23.8



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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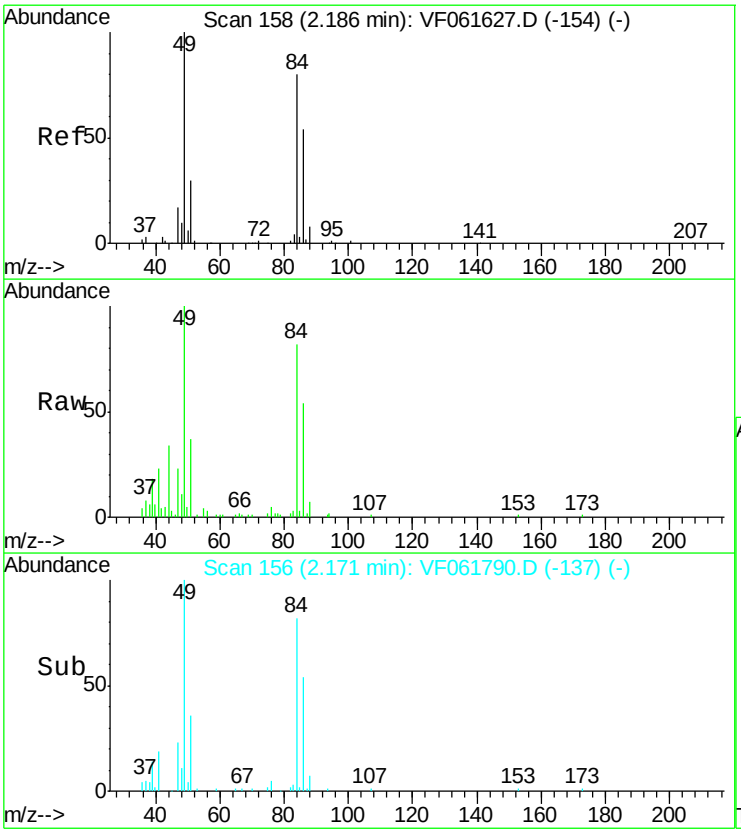
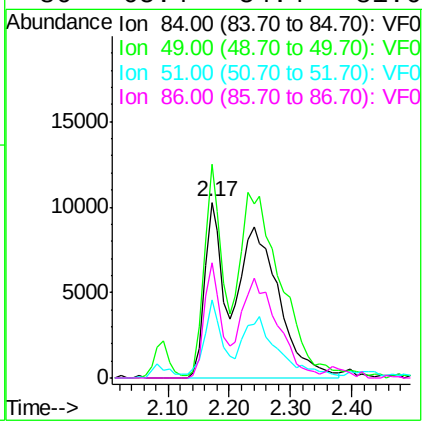
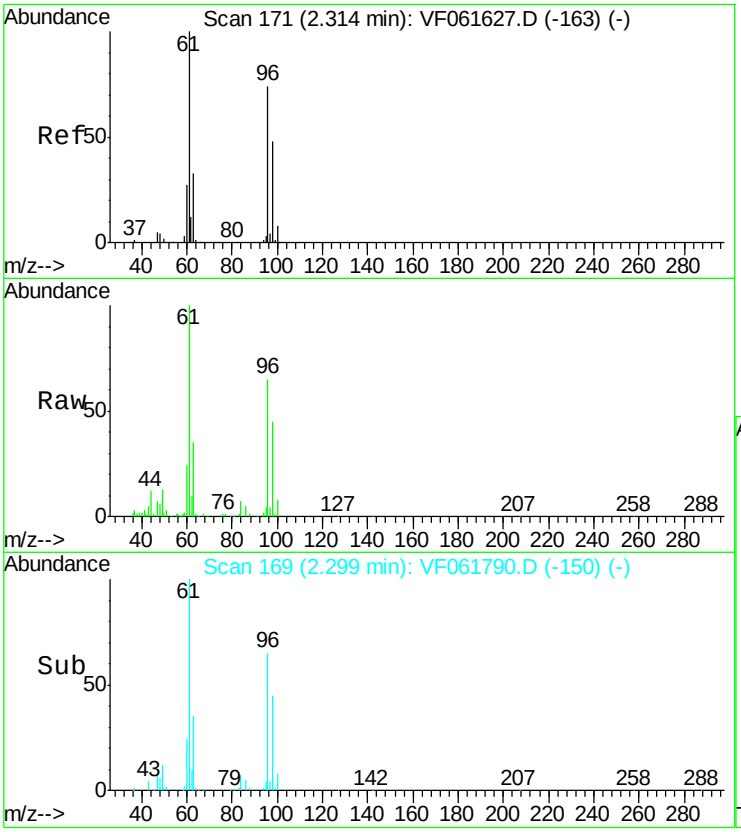


#20
Methylene Chloride
Concen: 23.000 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 84 Resp: 60134

Ion	Ratio	Lower	Upper
84	100		
49	121.7	101.8	152.8
51	44.4	31.1	46.7
86	65.4	54.4	81.6

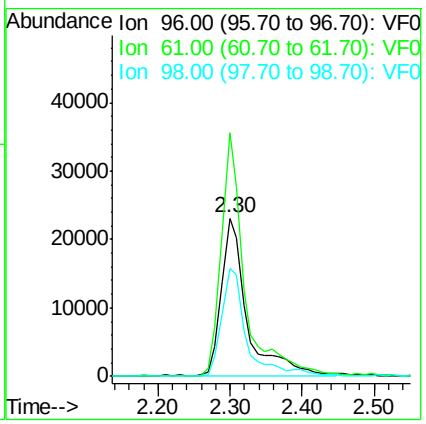




#21
trans-1,2-Dichloroethene
Concen: 20.750 ug/l
RT: 2.30 min Scan# 169
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 96 Resp: 56593

Ion	Ratio	Lower	Upper
96	100		
61	154.0	108.2	162.4
98	68.6	52.2	78.2



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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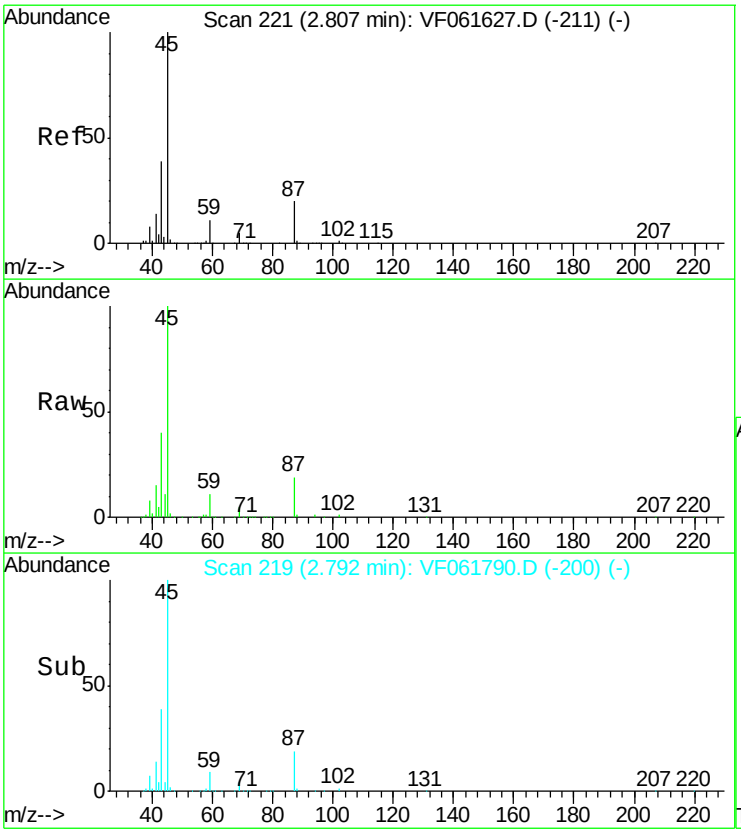
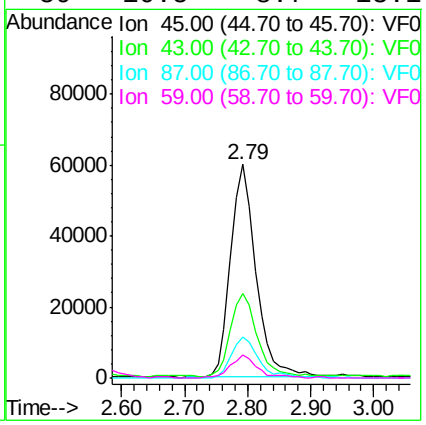
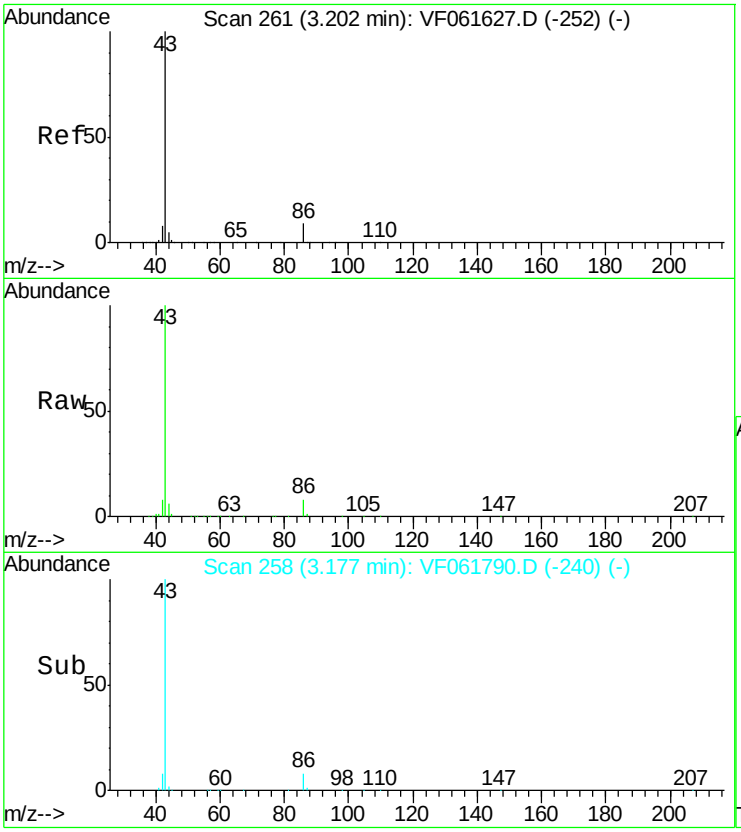


#22
Diisopropyl ether
Concen: 22.737 ug/l
RT: 2.79 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 45 Resp: 168029

Ion	Ratio	Lower	Upper
45	100		
43	39.7	31.4	47.2
87	19.0	16.3	24.5
59	10.5	8.7	13.1





#23
Vinyl Acetate
Concen: 103.526 ug/l
RT: 3.18 min Scan# 258
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 373678

Ion	Ratio	Lower	Upper
43	100		
86	8.2	7.5	11.3

Instrument :
MSVOA_F
ClientSampleId :
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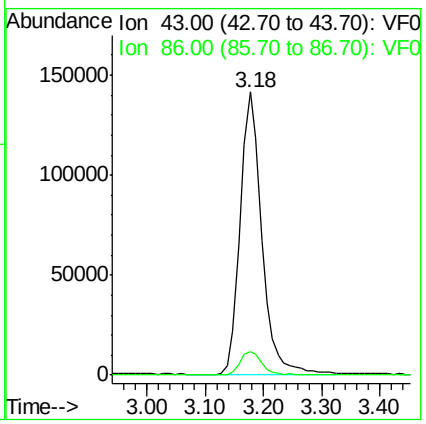
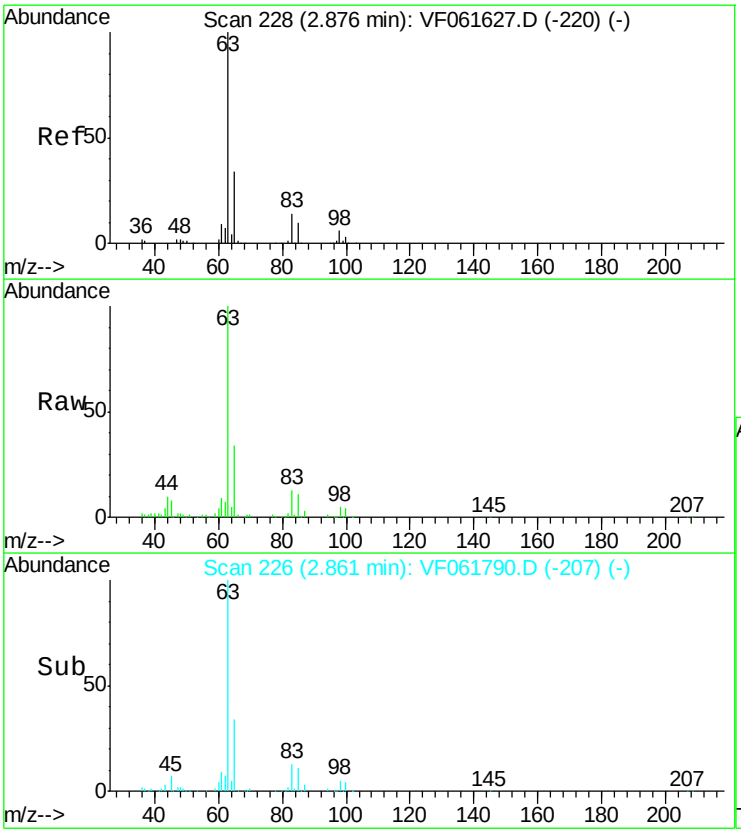
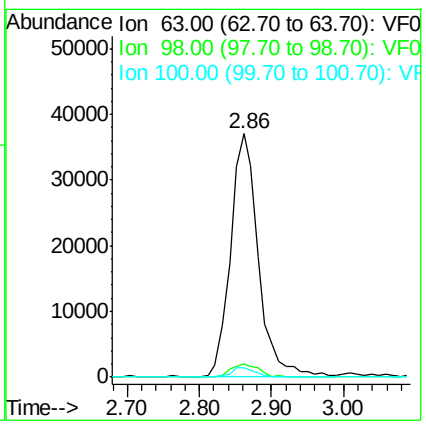


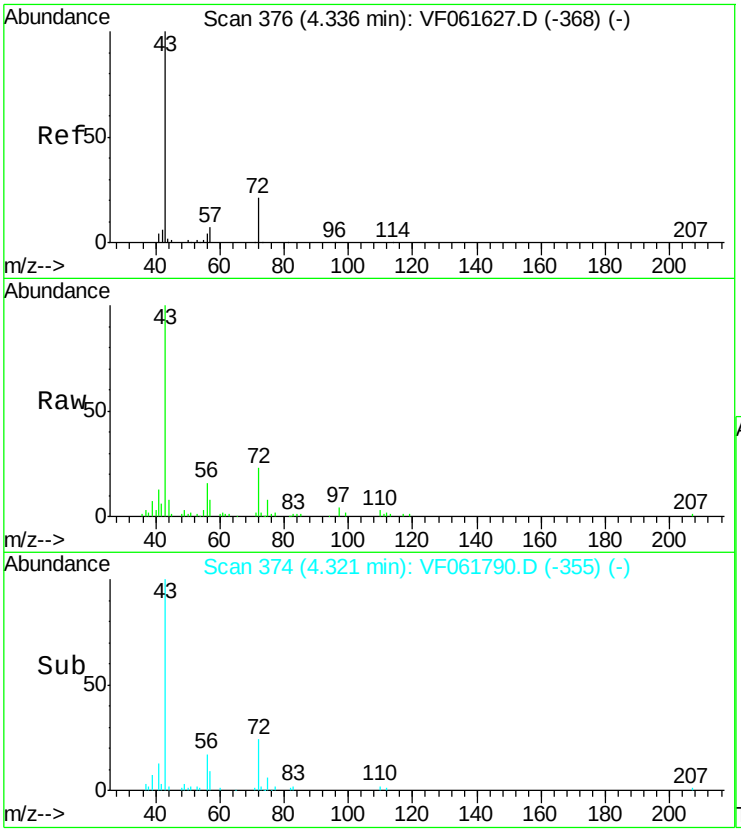


#24
1,1-Dichloroethane
Concen: 22.388 ug/l
RT: 2.86 min Scan# 226
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 63 Resp: 100121

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.8	8.3
100	3.8	1.8	5.4

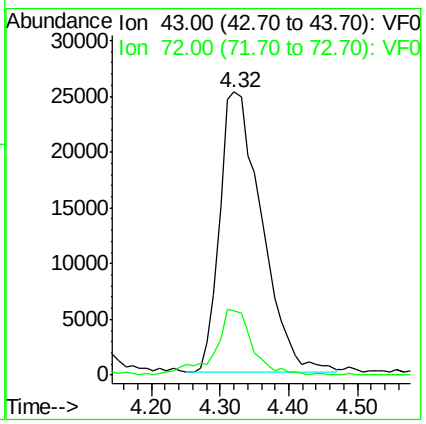




#25
2-Butanone
Concen: 105.933 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 106591

Ion	Ratio	Lower	Upper
43	100		
72	22.7	17.1	25.7



Instrument :
MSVOA_F
ClientSampleId :
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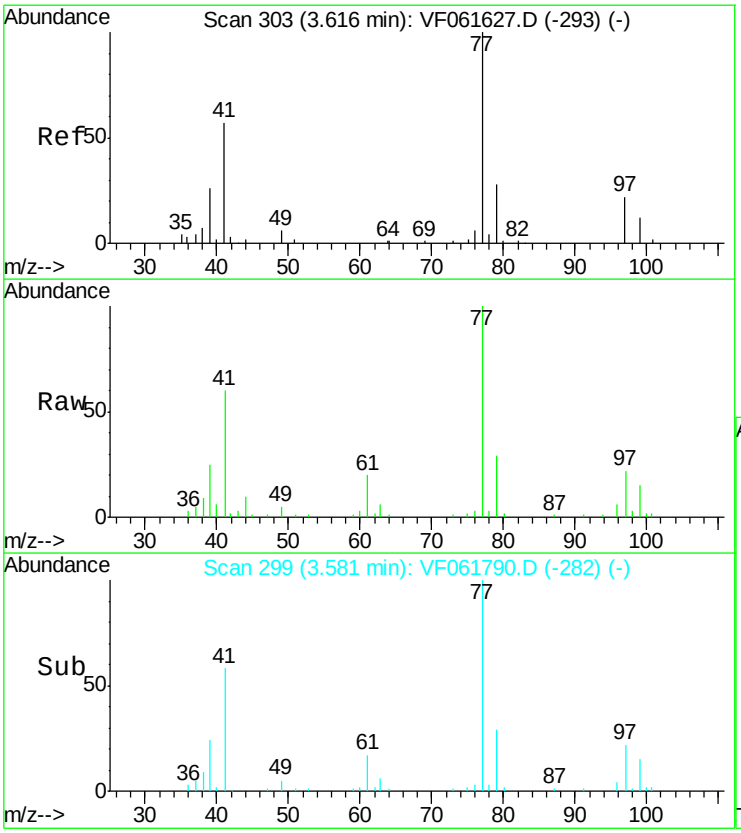
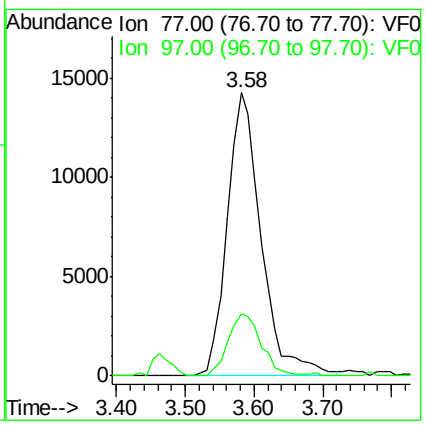
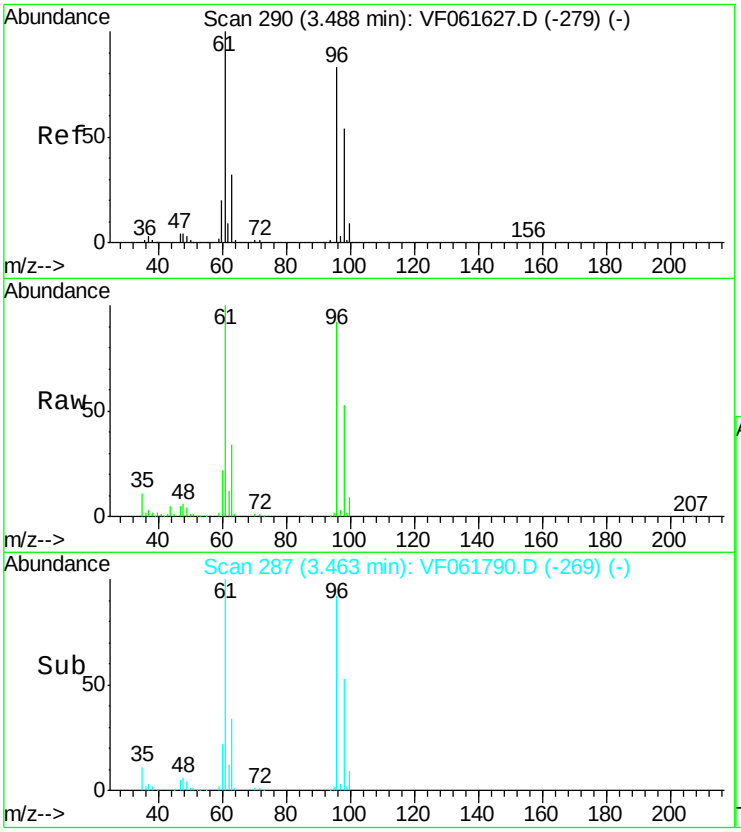


#26
2,2-Dichloropropane
Concen: 25.671 ug/l
RT: 3.58 min Scan# 299
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 77 Resp: 48629

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.7	35.0

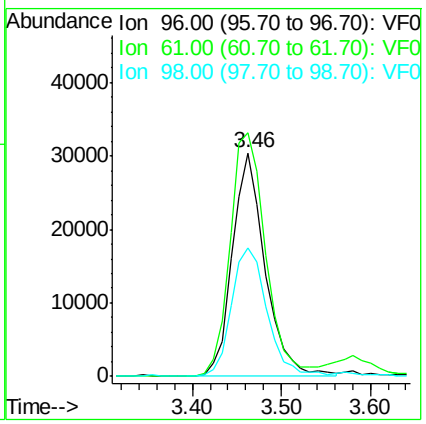




#27
cis-1,2-Dichloroethene
Concen: 21.787 ug/l
RT: 3.46 min Scan# 287
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 96 Resp: 77993

Ion	Ratio	Lower	Upper
96	100		
61	108.8	0.0	241.6
98	57.5	0.0	130.2



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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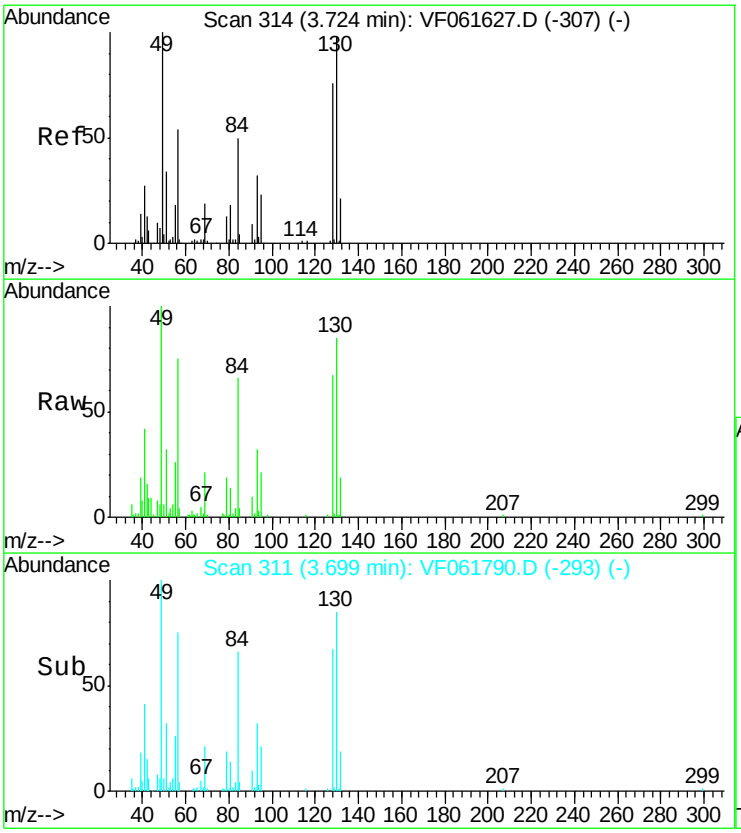
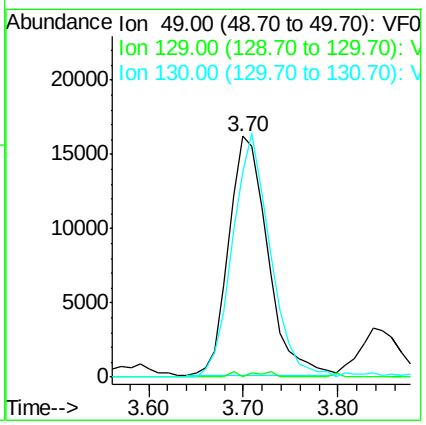
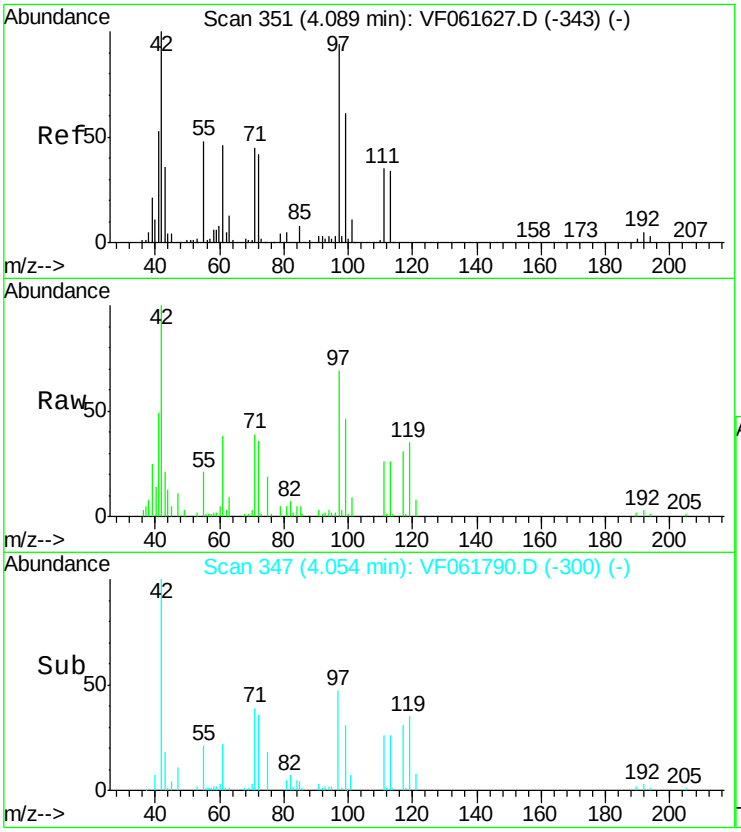


#28
Bromochloromethane
Concen: 21.309 ug/l
RT: 3.70 min Scan# 311
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 49 Resp: 45724

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	85.4	77.7	116.5

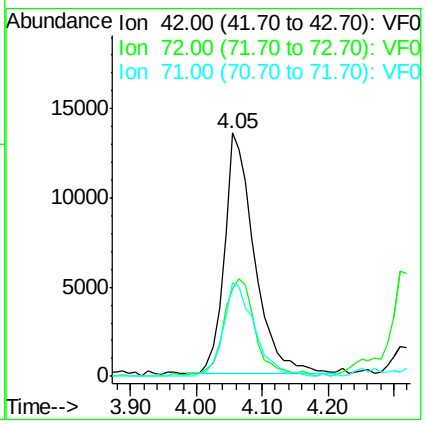




#29
Tetrahydrofuran
Concen: 93.735 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 42 Resp: 42868

Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.2	52.8
71	40.9	32.9	49.3



Instrument :
MSVOA_F
ClientSampleId :
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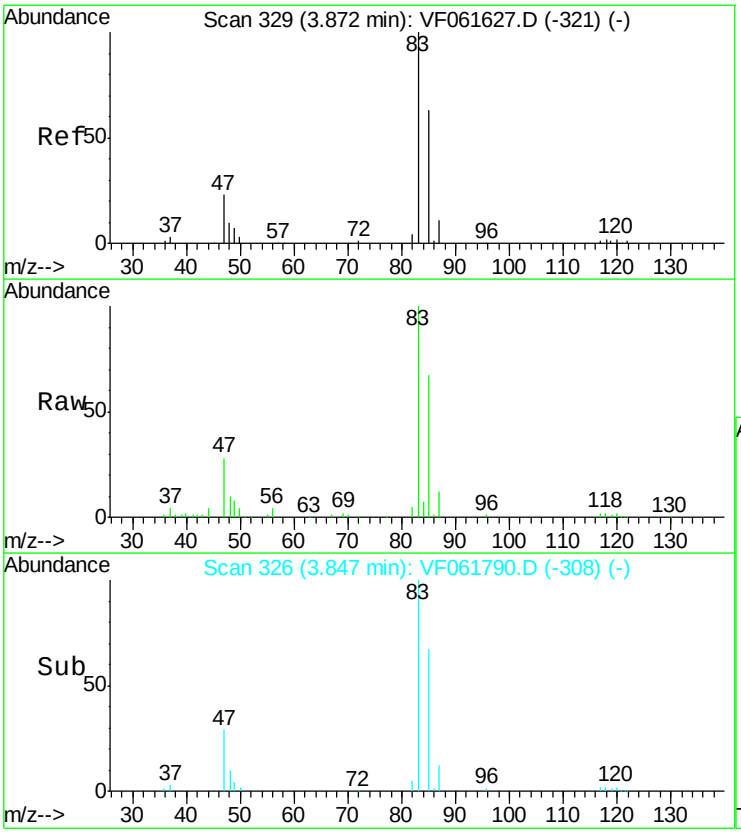
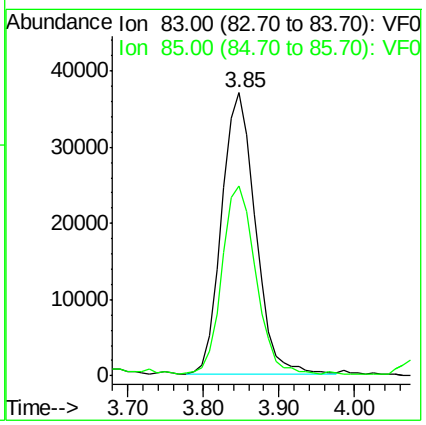
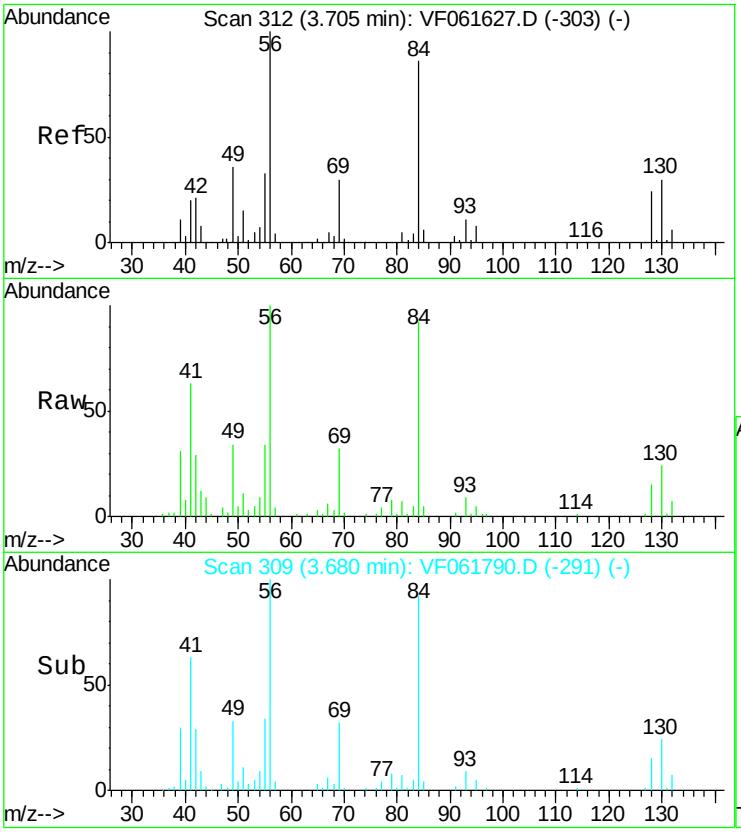


#30
Chloroform
Concen: 22.441 ug/l
RT: 3.85 min Scan# 326
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 83 Resp: 114133

Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.1	76.7

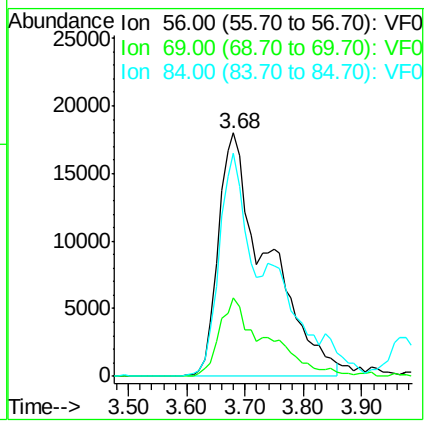




#31
Cyclohexane
Concen: 21.699 ug/l m
RT: 3.68 min Scan# 309
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 56 Resp: 105054

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	91.6	68.6	103.0



Instrument :
MSVOA_F
ClientSampleId :
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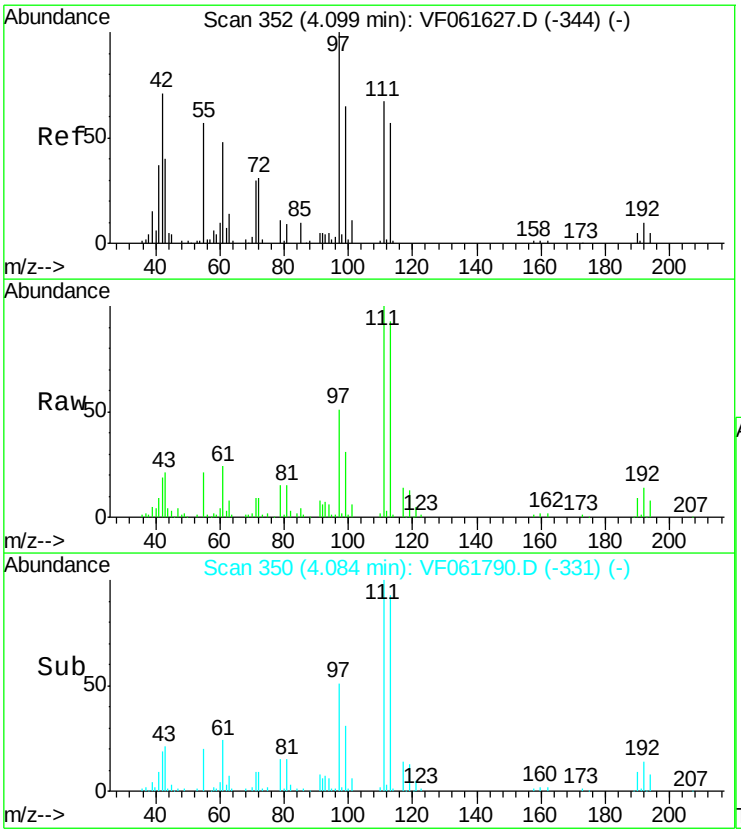
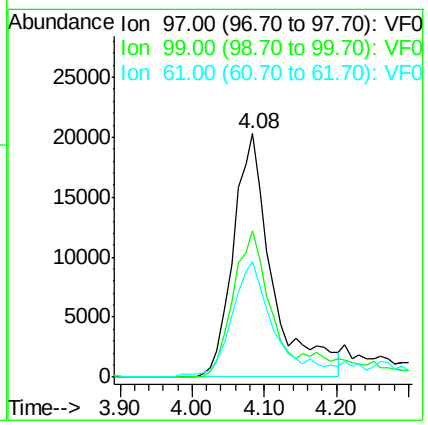
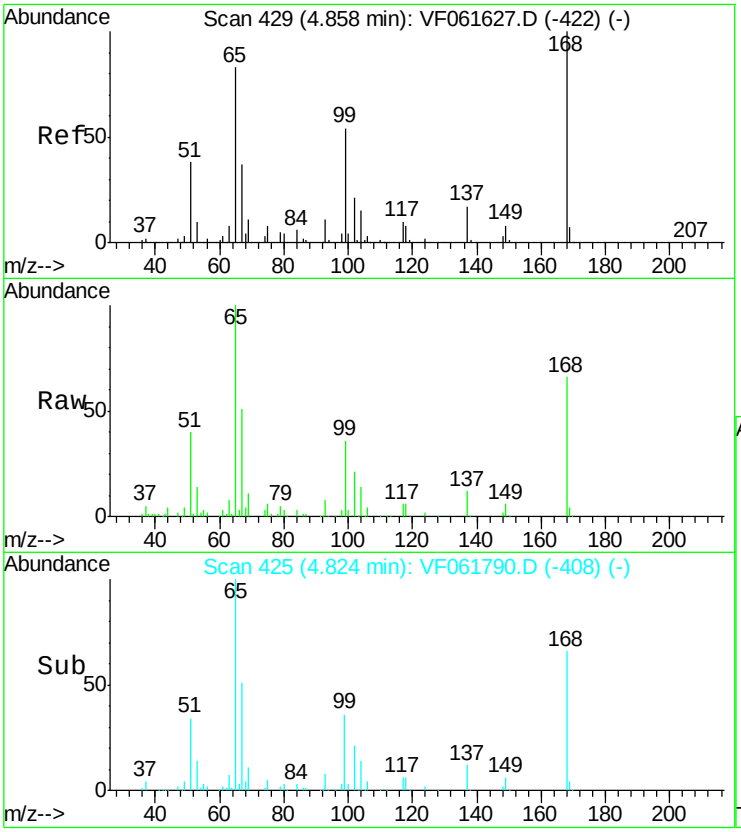


#32
1,1,1-Trichloroethane
Concen: 23.057 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 97 Resp: 76815

Ion	Ratio	Lower	Upper
97	100		
99	59.9	52.2	78.2
61	47.5	39.2	58.8

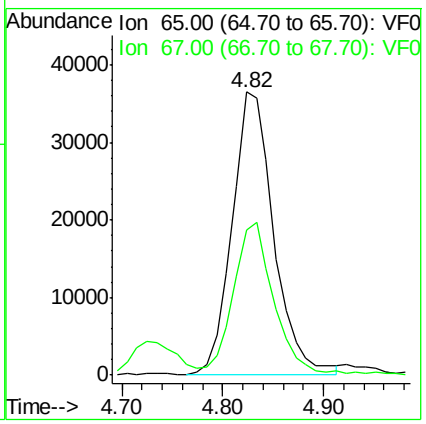




#33
1,2-Dichloroethane-d4
Concen: 48.888 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 65 Resp: 104963

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0



Instrument :
MSVOA_F
ClientSampleId :
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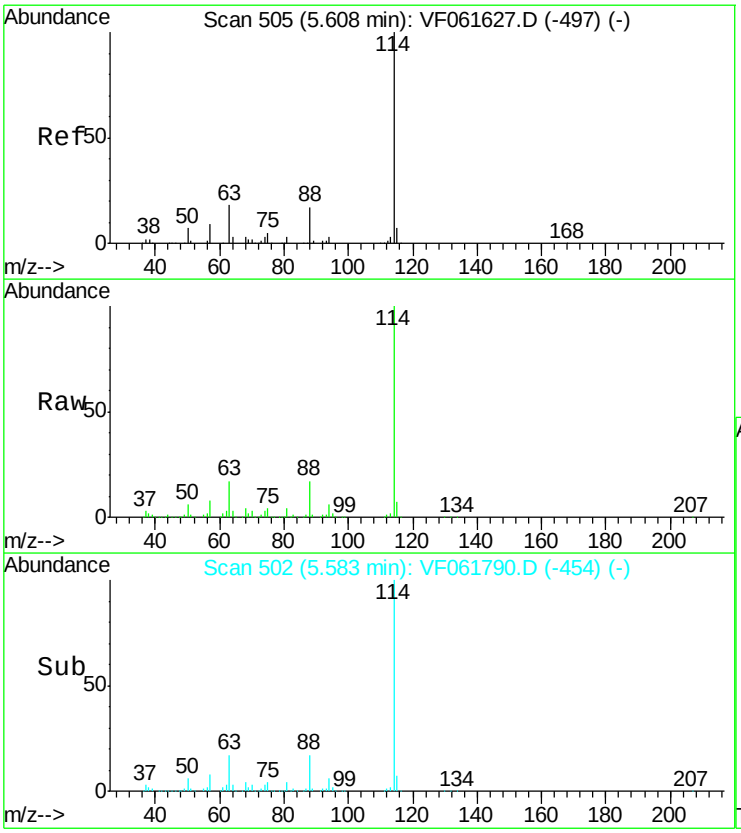
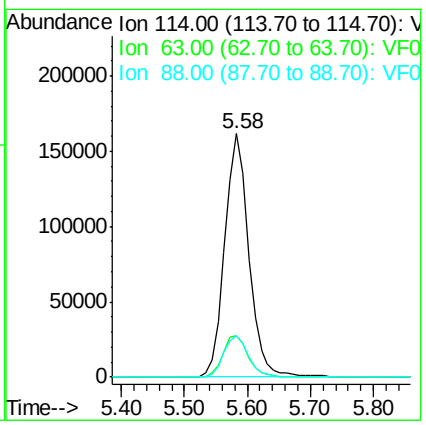
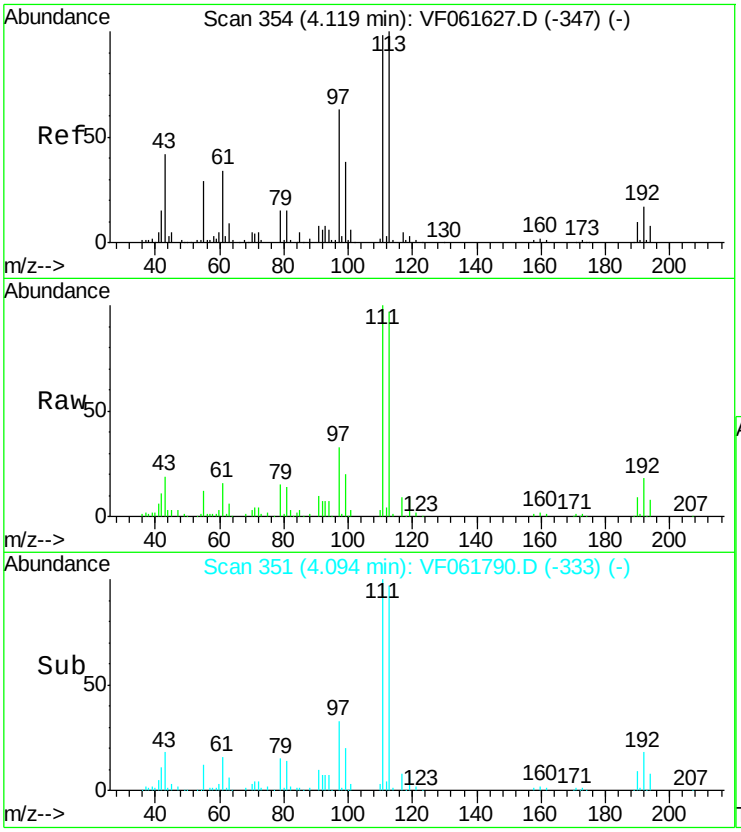


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:114 Resp: 428247

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.6
88	17.1	0.0	34.4

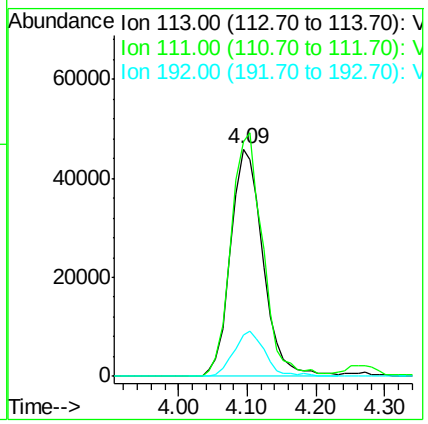




#35
Dibromofluoromethane
Concen: 47.243 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:113 Resp: 150243

Ion	Ratio	Lower	Upper
113	100		
111	103.2	78.8	118.2
192	18.1	13.4	20.0



Instrument :
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ClientSampleId :
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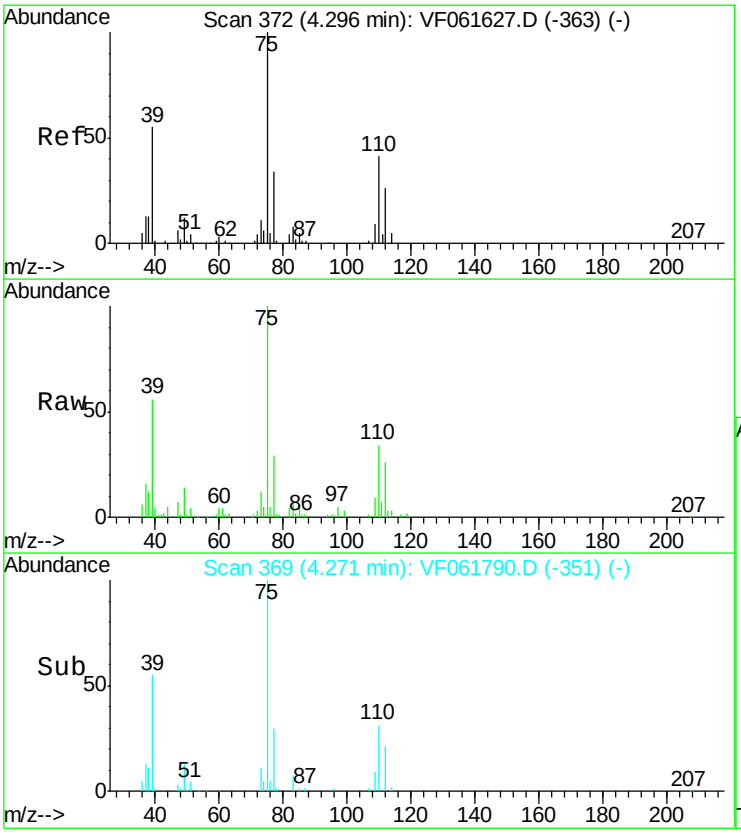
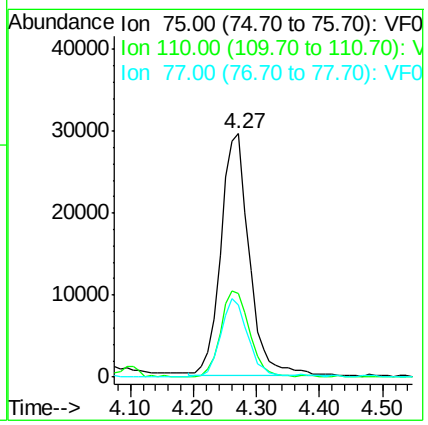
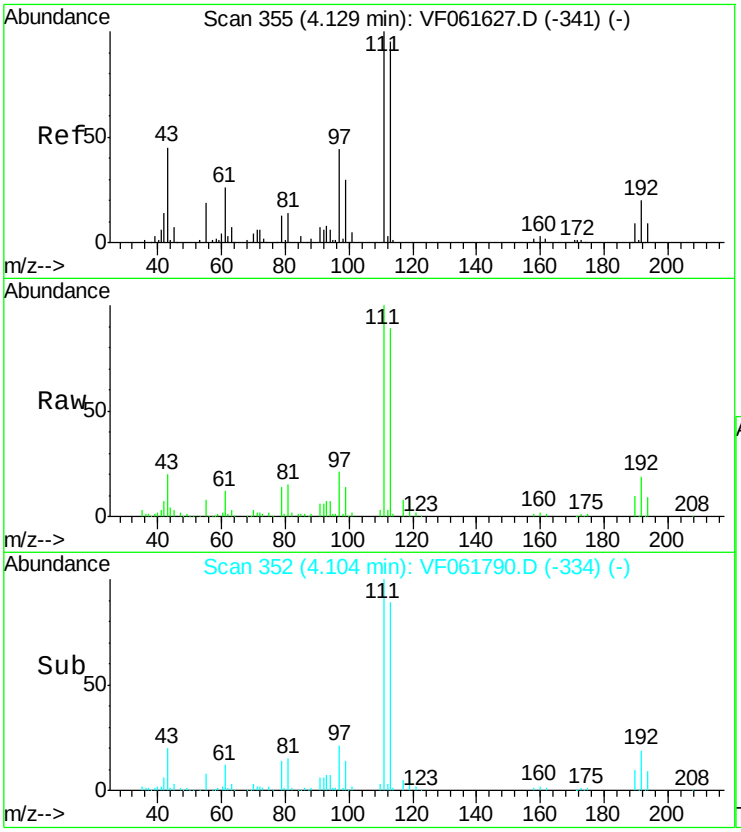


#36
1,1-Dichloropropene
Concen: 21.788 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 75 Resp: 92433

Ion	Ratio	Lower	Upper
75	100		
110	34.2	20.5	61.6
77	29.4	27.0	40.4

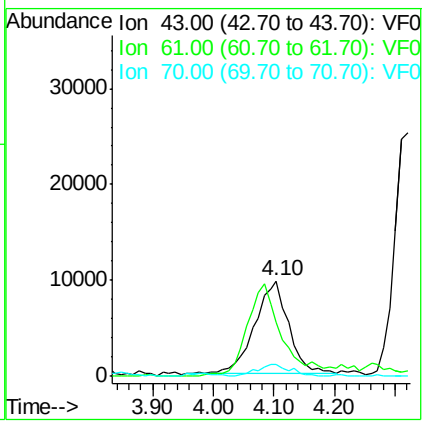




#37
Ethyl Acetate
Concen: 19.342 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 38112

Ion	Ratio	Lower	Upper
43	100		
61	57.2	45.7	68.5
70	12.8	8.5	12.7#



Instrument :
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ClientSampleId :
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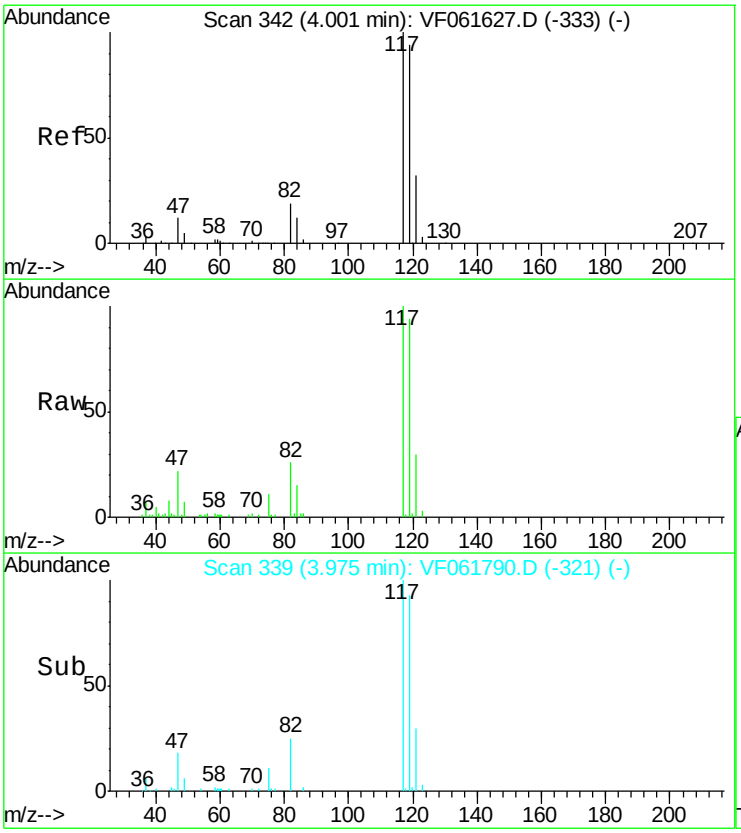
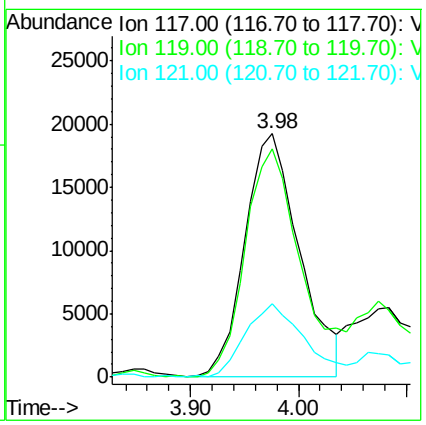
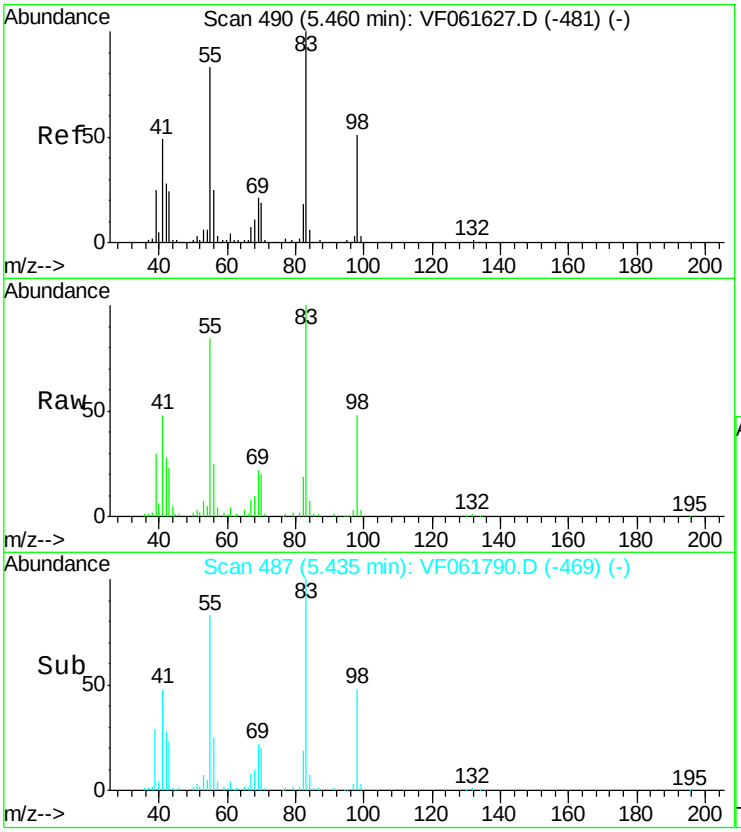


#38
Carbon Tetrachloride
Concen: 23.256 ug/l
RT: 3.98 min Scan# 339
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:117 Resp: 68124

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.6	113.4
121	30.0	25.2	37.8

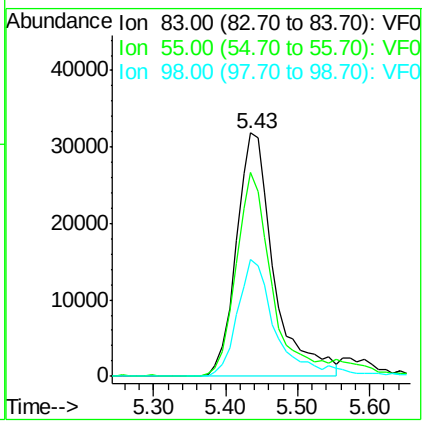




#39
Methylcyclohexane
Concen: 23.031 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 83 Resp: 115553

Ion	Ratio	Lower	Upper
83	100		
55	83.8	66.6	99.8
98	47.8	40.4	60.6



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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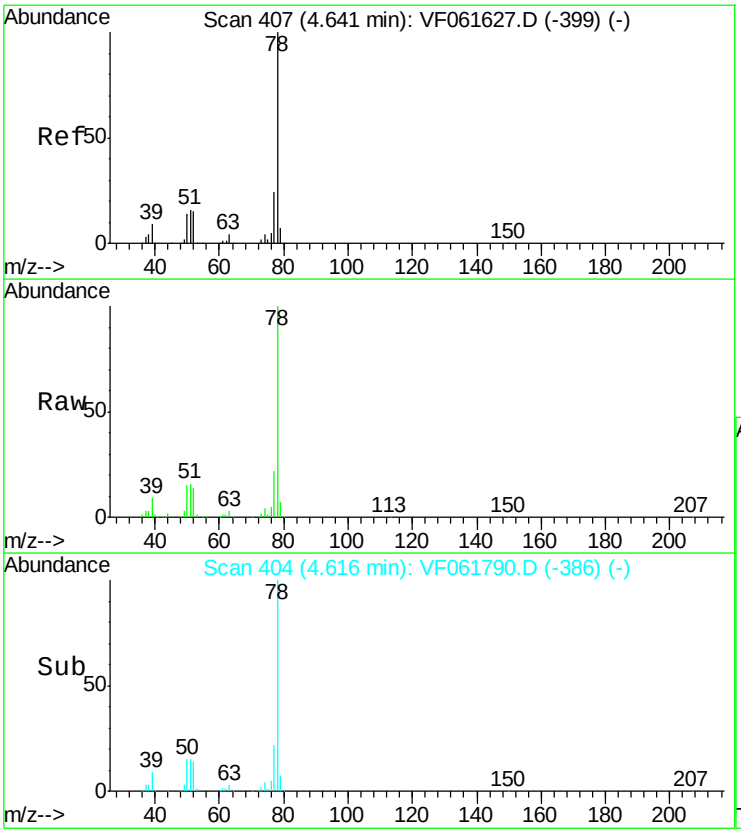
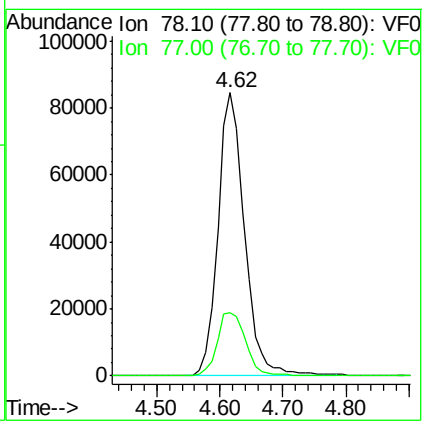
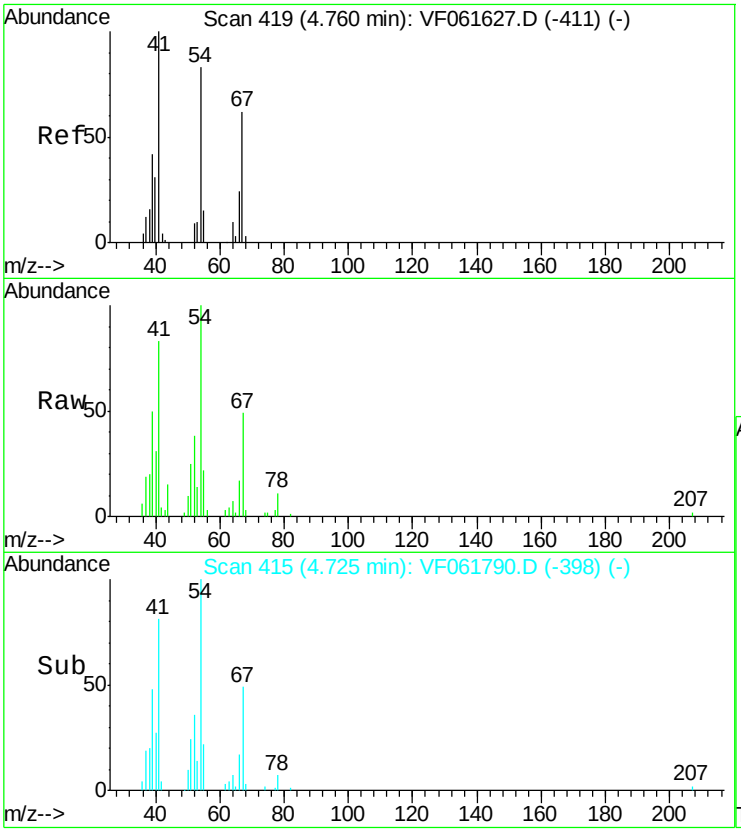


#40
Benzene
Concen: 22.357 ug/l
RT: 4.62 min Scan# 404
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 78 Resp: 248083

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.6

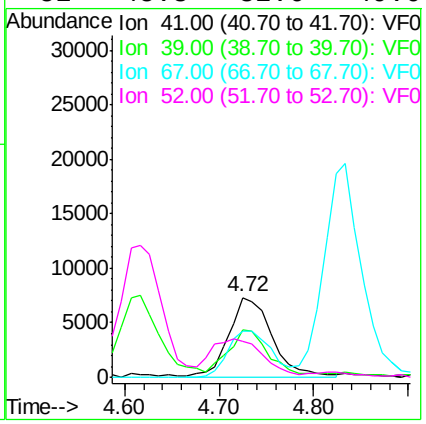




#41
Methacrylonitrile
Concen: 23.175 ug/l
RT: 4.72 min Scan# 415
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 41 Resp: 23353

Ion	Ratio	Lower	Upper
41	100		
39	59.9	45.3	67.9
67	58.4	49.3	73.9
52	45.8	32.6	49.0



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

Manual Integrations APPROVED
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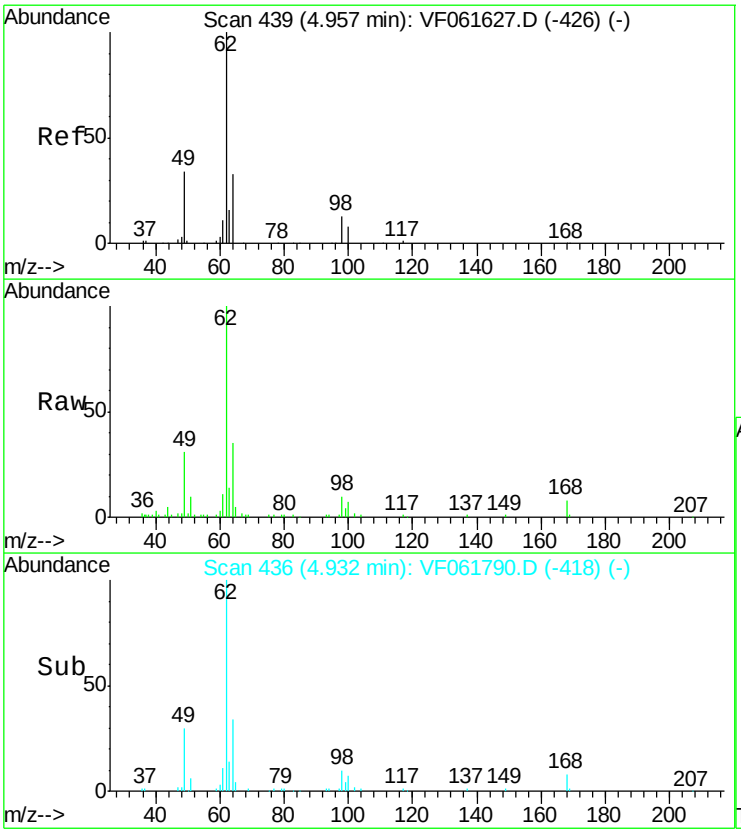
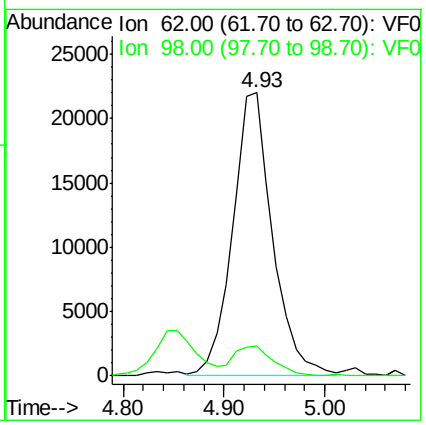
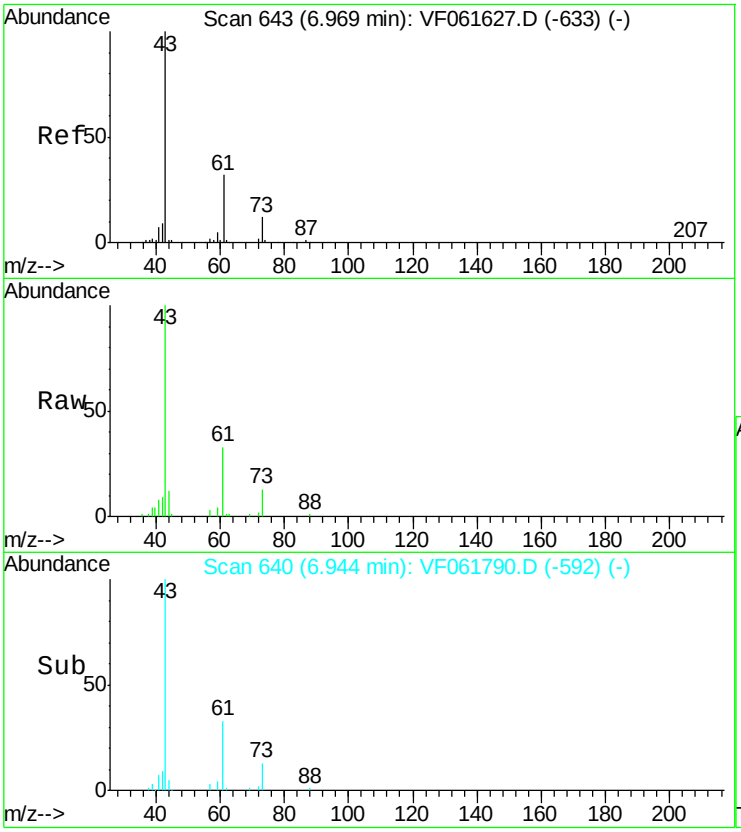


#42
1,2-Dichloroethane
Concen: 22.882 ug/l
RT: 4.93 min Scan# 436
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 62 Resp: 60735

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	26.0

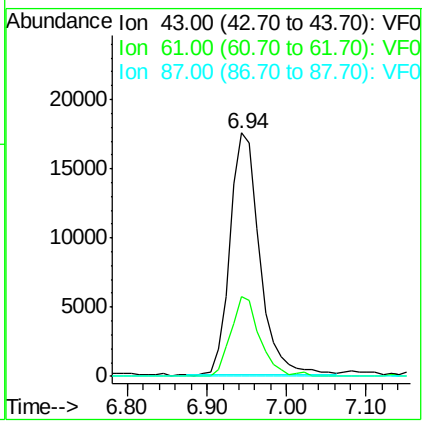




#43
Isopropyl Acetate
Concen: 19.501 ug/l
RT: 6.94 min Scan# 640
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 45485

Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.8	38.6
87	0.0	0.4	0.6#



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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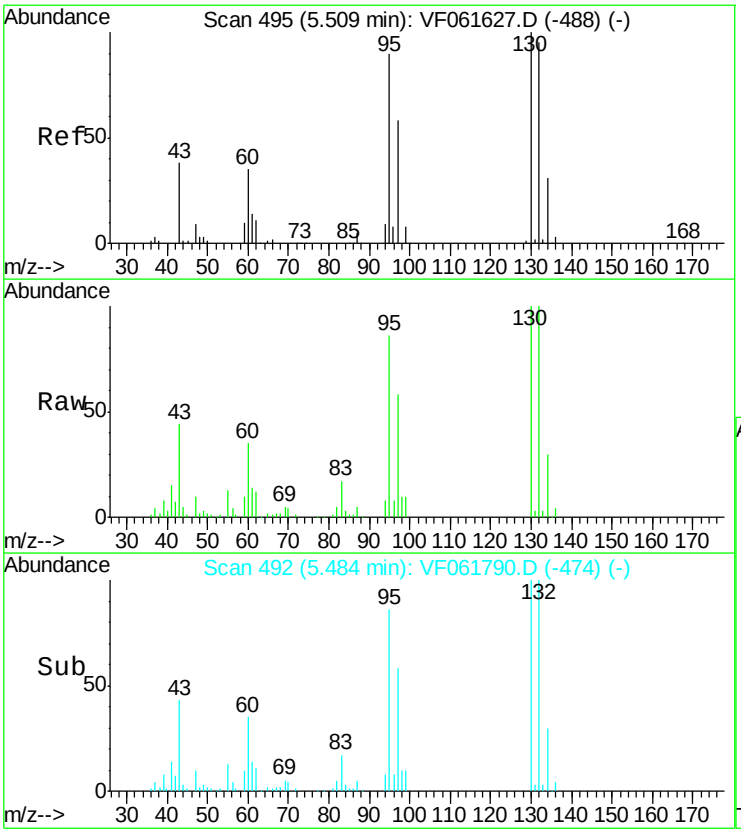
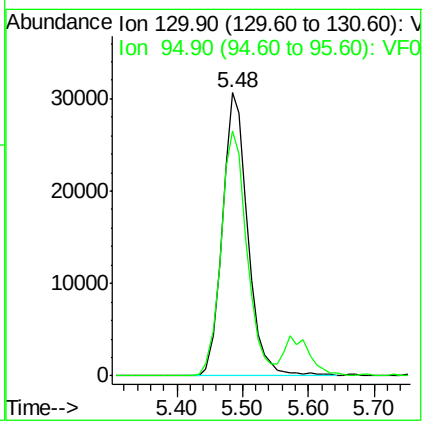
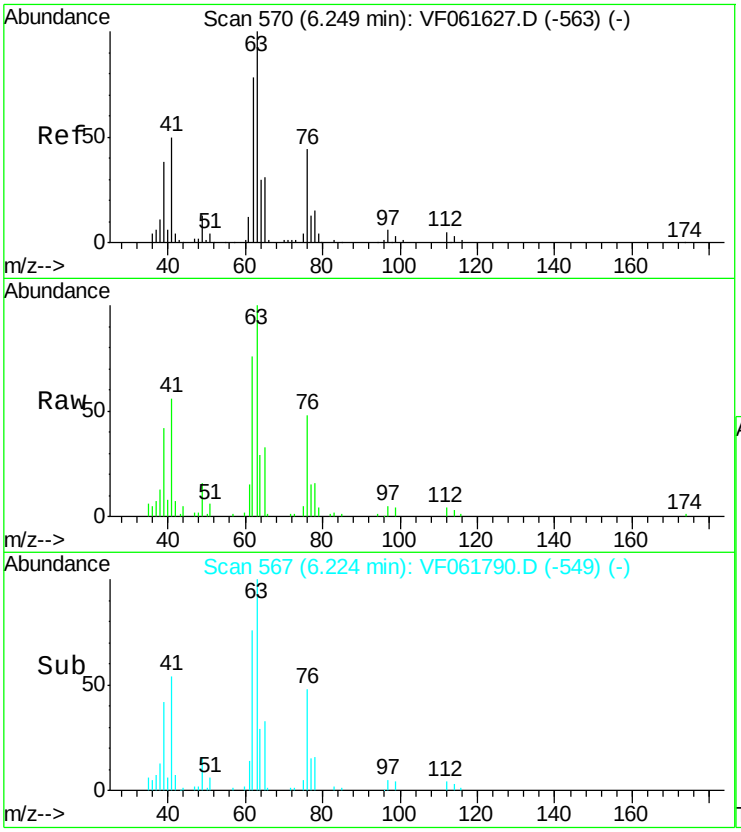


#44
Trichloroethene
Concen: 22.998 ug/l
RT: 5.48 min Scan# 492
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:130 Resp: 82523

Ion	Ratio	Lower	Upper
130	100		
95	86.4	0.0	179.4

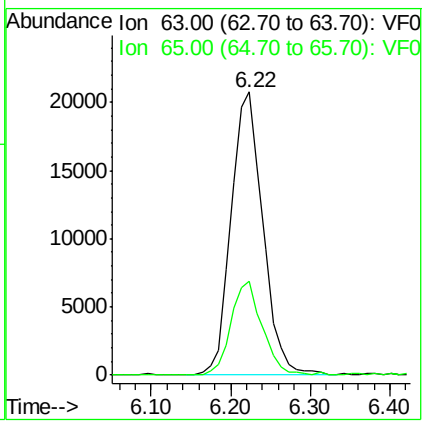




#45
1,2-Dichloropropane
Concen: 21.501 ug/l
RT: 6.22 min Scan# 567
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 63 Resp: 57669

Ion	Ratio	Lower	Upper
63	100		
65	33.2	24.9	37.3



Instrument :
MSVOA_F
ClientSampleId :
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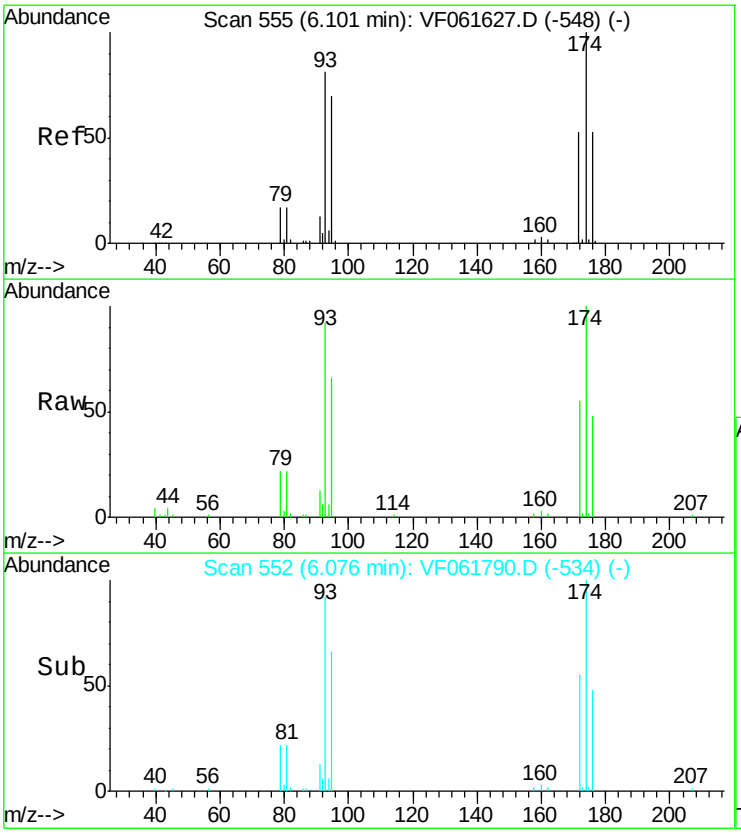
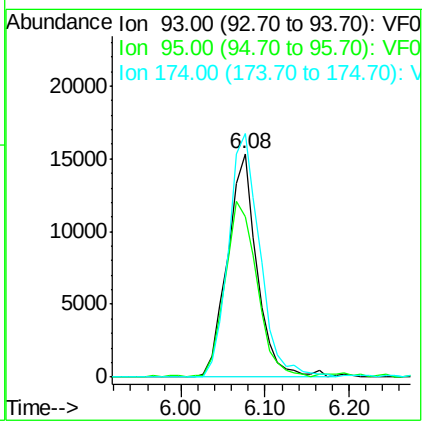
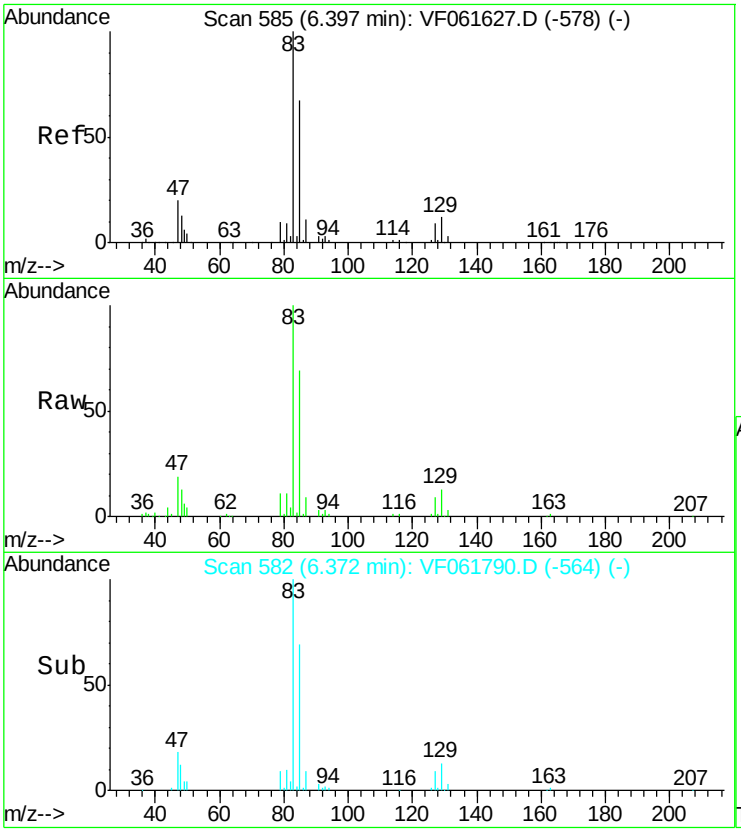


#46
Dibromomethane
Concen: 22.804 ug/l
RT: 6.08 min Scan# 552
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 93 Resp: 37660

Ion	Ratio	Lower	Upper
93	100		
95	71.9	69.0	103.6
174	108.8	99.3	148.9

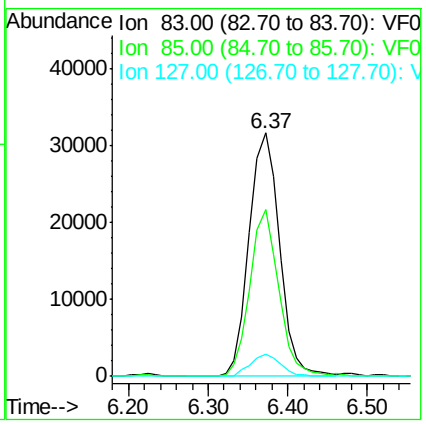




#47
Bromodichloromethane
Concen: 23.168 ug/l
RT: 6.37 min Scan# 582
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 83 Resp: 83785

Ion	Ratio	Lower	Upper
83	100		
85	68.7	53.4	80.2
127	8.9	7.5	11.3



Instrument :
MSVOA_F
ClientSampleId :
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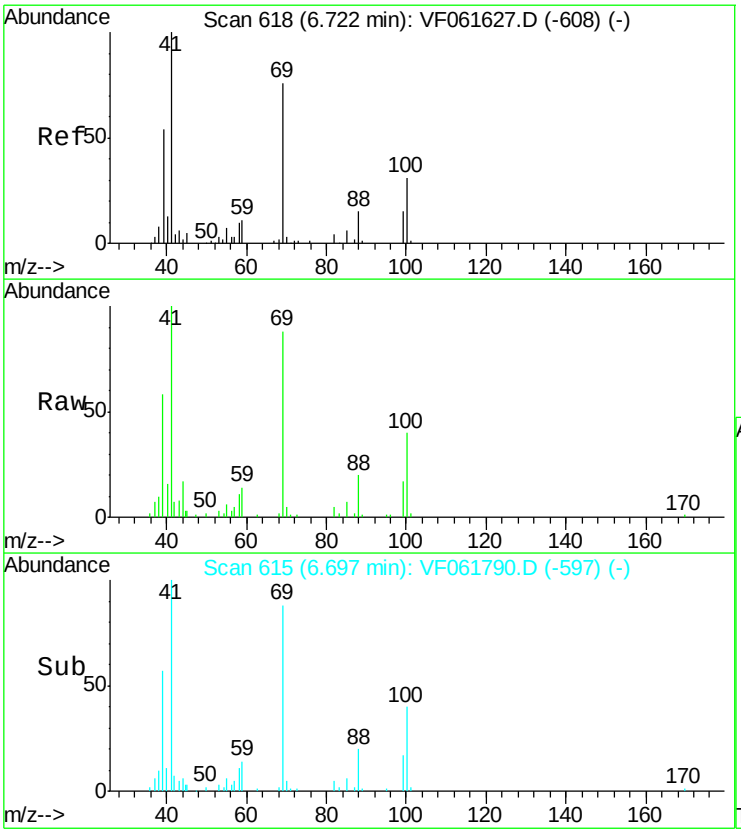
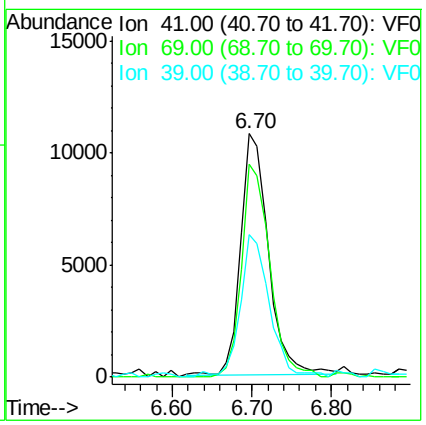
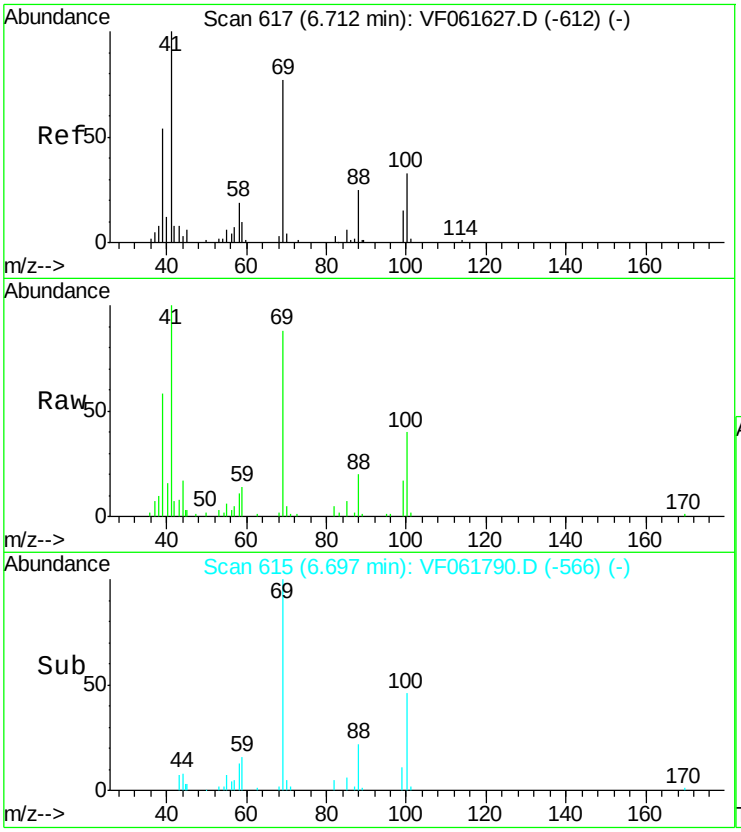


#48
Methyl methacrylate
Concen: 18.486 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 41 Resp: 25947

Ion	Ratio	Lower	Upper
41	100		
69	87.7	60.4	90.6
39	58.4	43.7	65.5

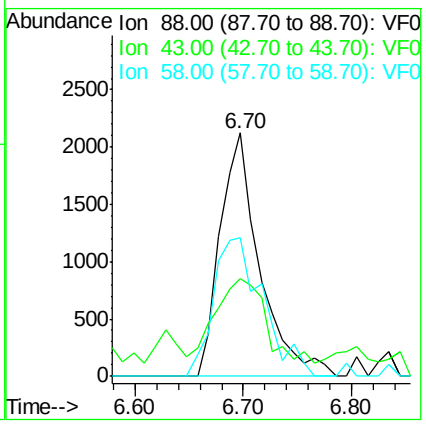




#49
1,4-Dioxane
Concen: 409.939 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 88 Resp: 5409

Ion	Ratio	Lower	Upper
88	100		
43	40.2	32.3	48.5
58	56.7	59.4	89.2#



Instrument :
MSVOA_F
ClientSampleId :
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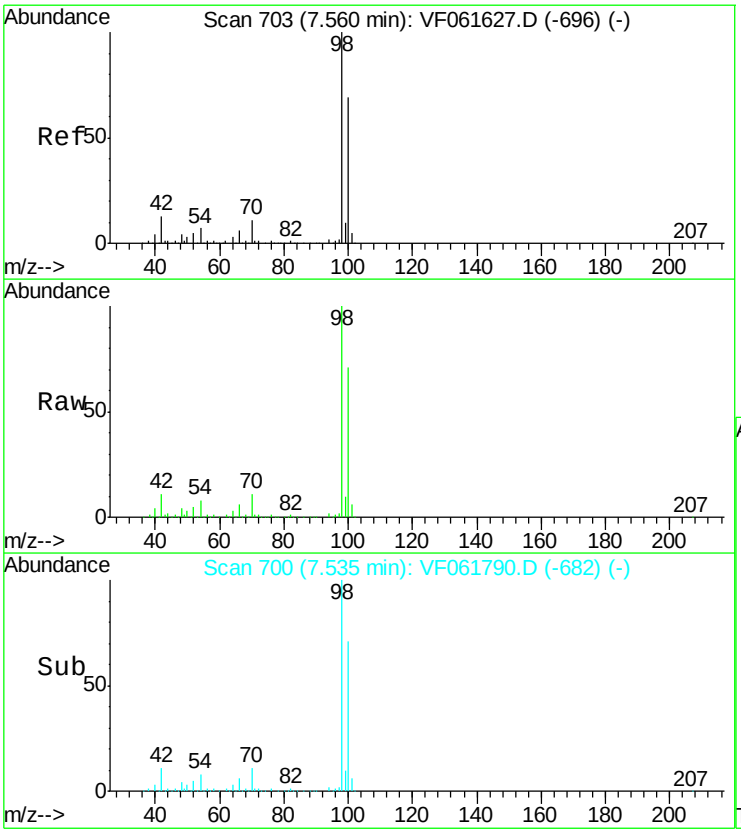
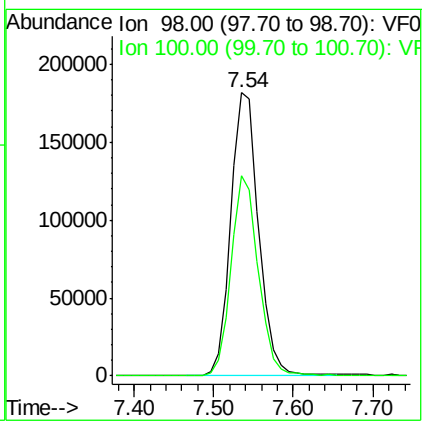
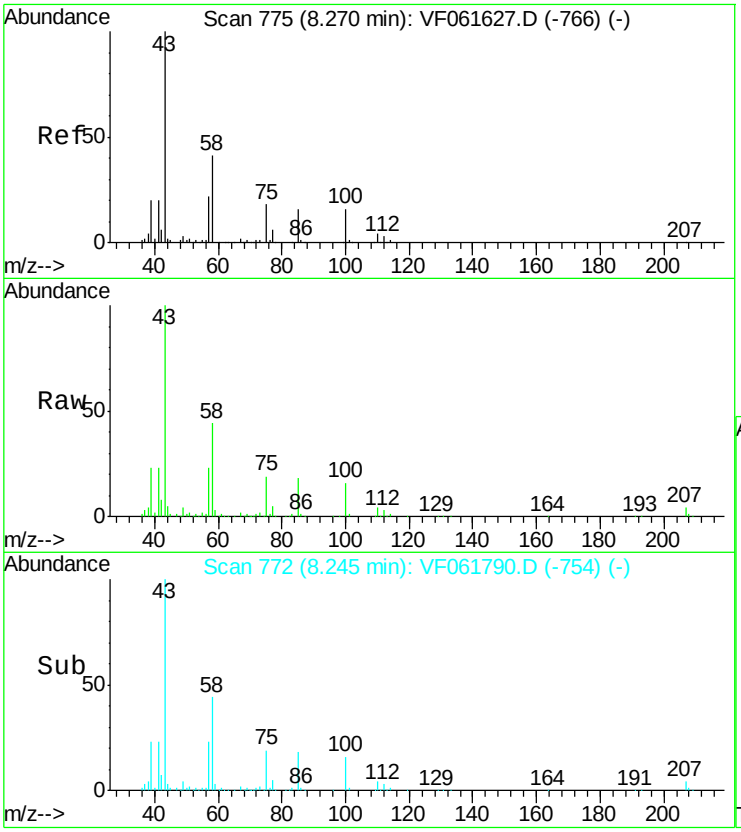


#50
Toluene-d8
Concen: 48.749 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 98 Resp: 445670

Ion	Ratio	Lower	Upper
98	100		
100	70.6	55.4	83.2

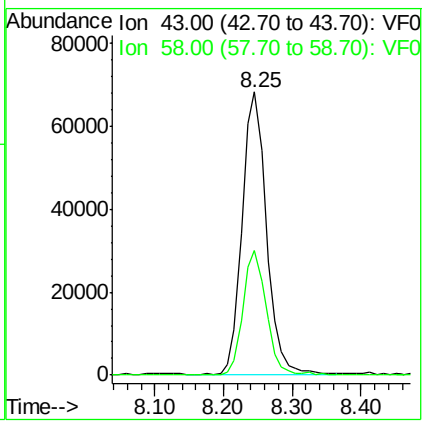




#51
4-Methyl-2-Pentanone
Concen: 100.572 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 167611

Ion	Ratio	Lower	Upper
43	100		
58	43.9	33.1	49.7



Instrument :
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ClientSampleId :
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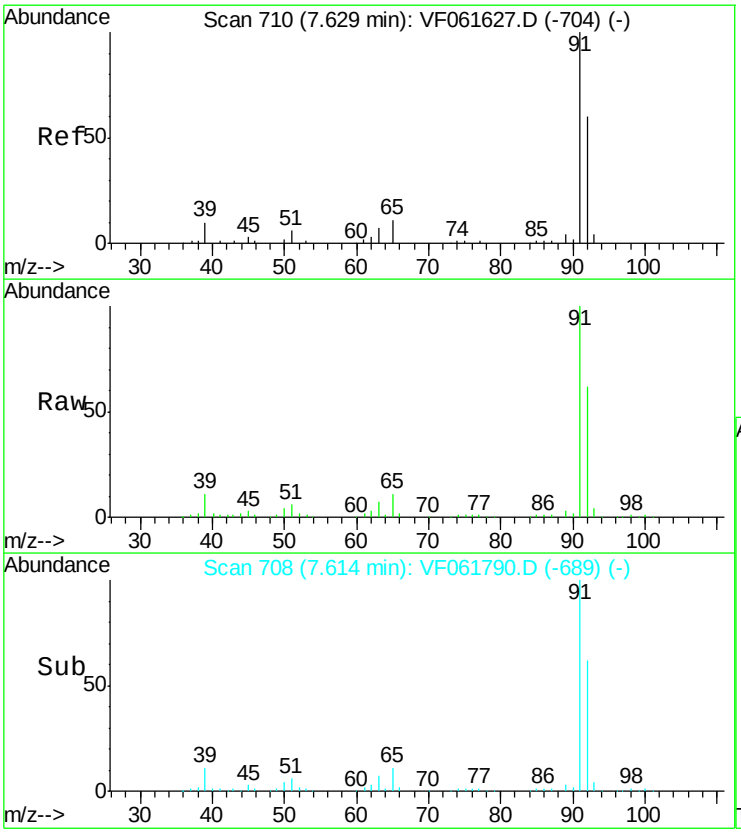
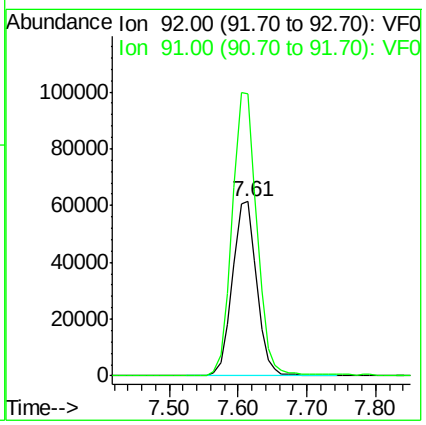
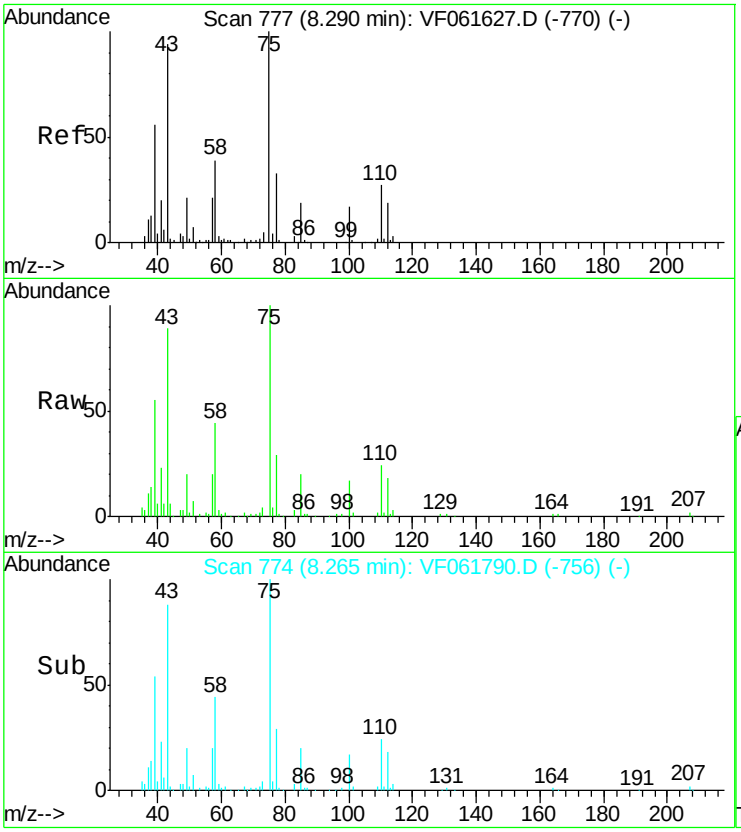


#52
Toluene
Concen: 22.318 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 92 Resp: 150193

Ion	Ratio	Lower	Upper
92	100		
91	162.0	133.9	200.9

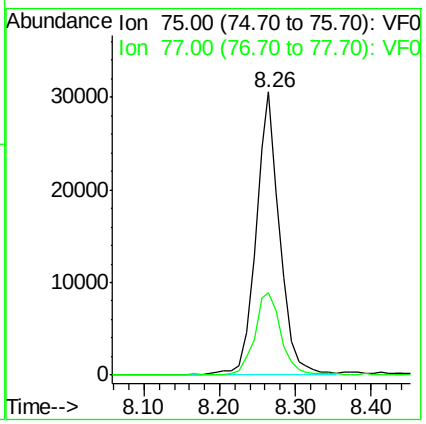




#53
t-1,3-Dichloropropene
Concen: 22.130 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 75 Resp: 66610

Ion	Ratio	Lower	Upper
75	100		
77	29.1	26.2	39.2



Instrument :
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ClientSampleId :
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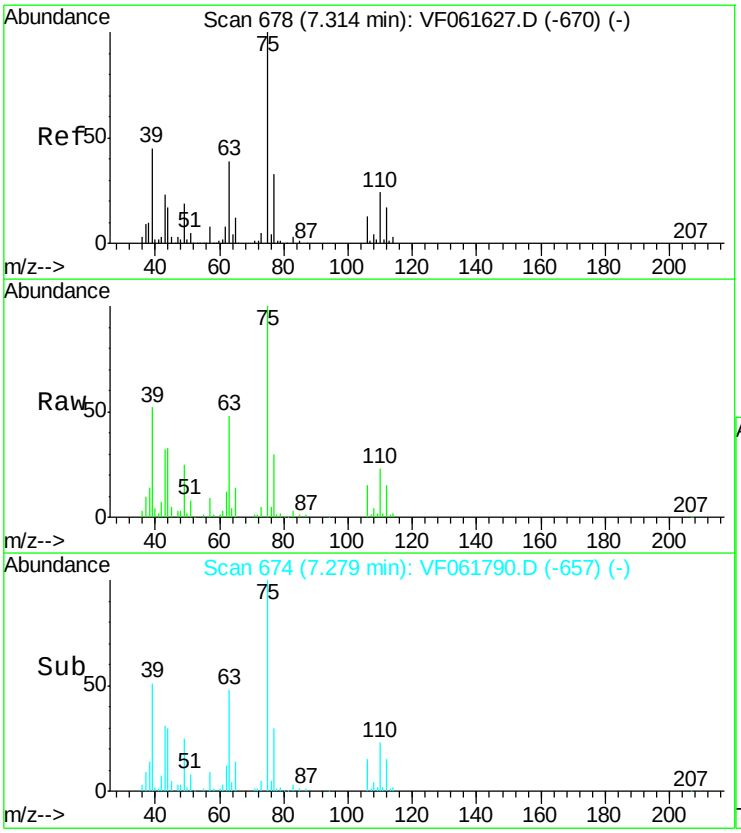
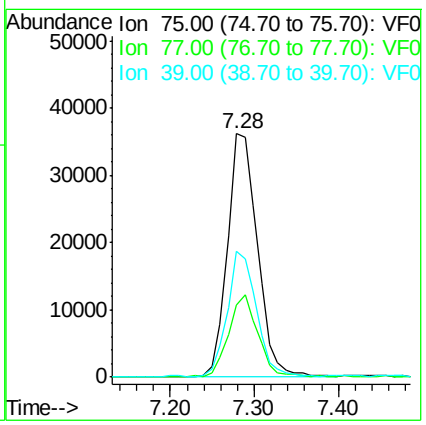
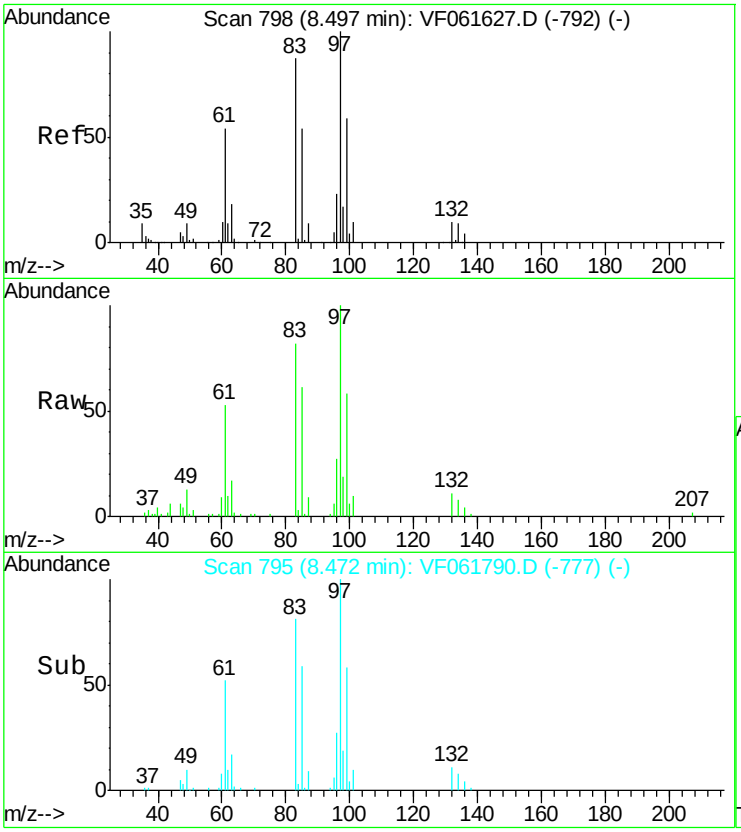


#54
cis-1,3-Dichloropropene
Concen: 22.540 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 75 Resp: 90366

Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.4	39.6
39	51.6	36.0	54.0

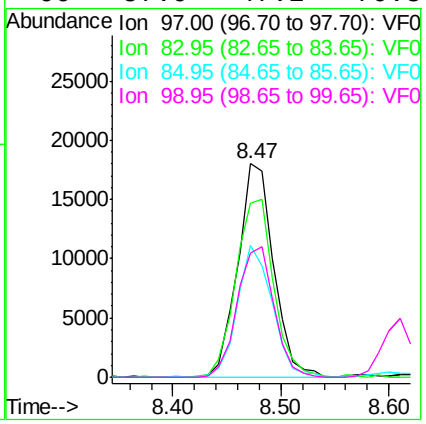




#55
1,1,2-Trichloroethane
Concen: 21.023 ug/l
RT: 8.47 min Scan# 795
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 97 Resp: 41568

Ion	Ratio	Lower	Upper
97	100		
83	81.5	69.2	103.8
85	61.5	43.0	64.4
99	57.9	47.2	70.8



Instrument :
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ClientSampleId :
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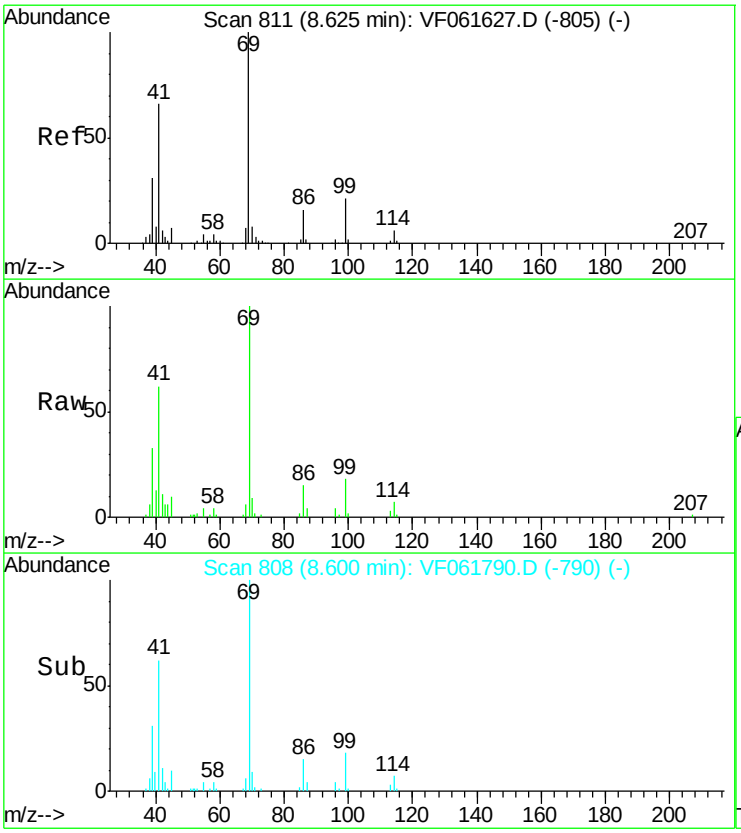
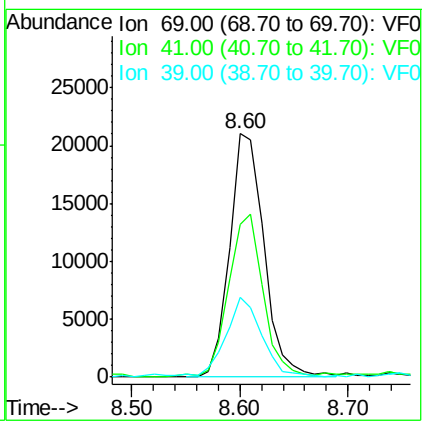
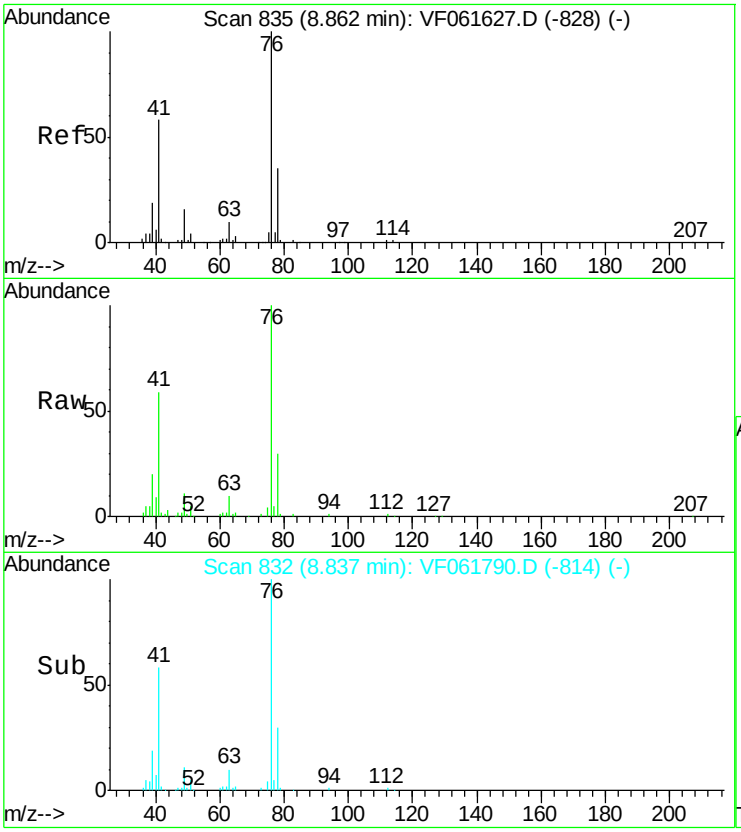


#56
Ethyl methacrylate
Concen: 21.255 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 69 Resp: 46792

Ion	Ratio	Lower	Upper
69	100		
41	62.5	52.9	79.3
39	32.7	24.5	36.7





#57
1,3-Dichloropropane
Concen: 21.875 ug/l
RT: 8.84 min Scan# 832
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 76 Resp: 72196

Ion	Ratio	Lower	Upper
76	100		
78	30.3	27.8	41.6

Instrument :
MSVOA_F
ClientSampleId :
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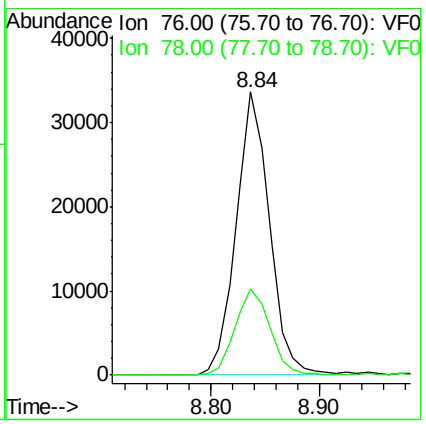
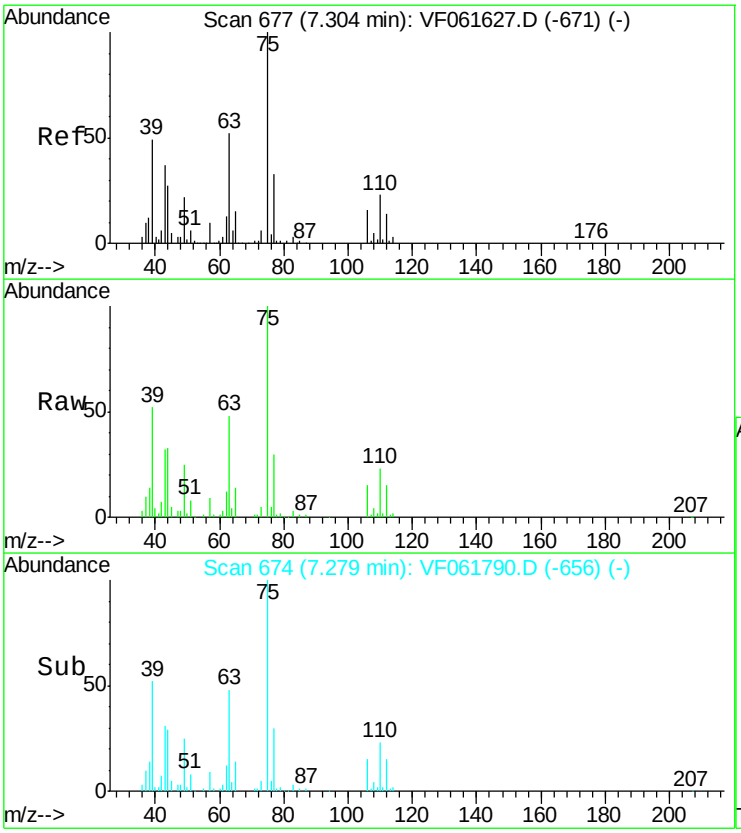
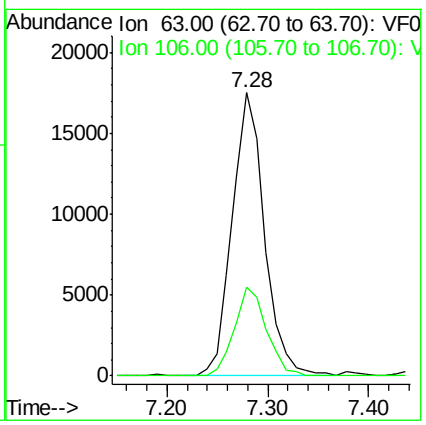


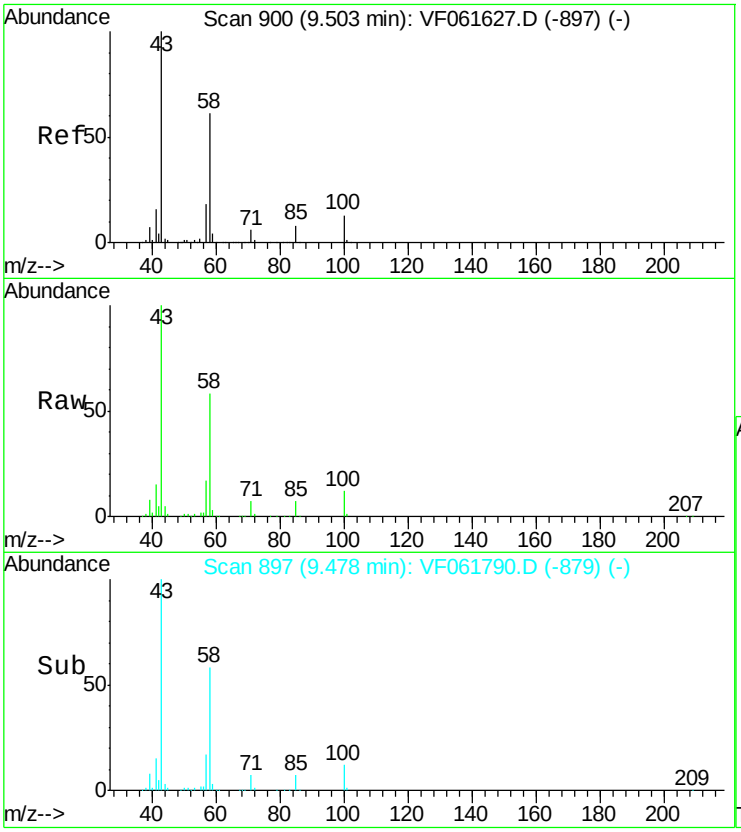


#58
2-Chloroethyl Vinyl ether
Concen: 102.573 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 63 Resp: 38960

Ion	Ratio	Lower	Upper
63	100		
106	31.4	24.6	36.8

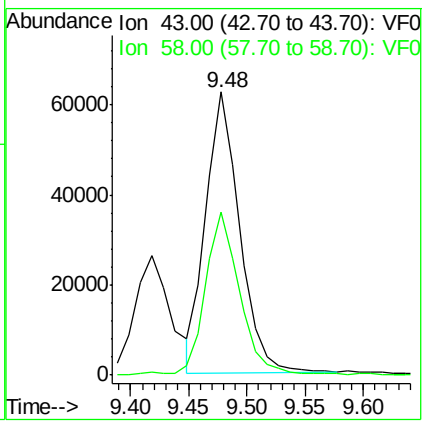




#59
2-Hexanone
Concen: 108.757 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 127052

Ion	Ratio	Lower	Upper
43	100		
58	57.6	28.5	85.5



Instrument :
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ClientSampleId :
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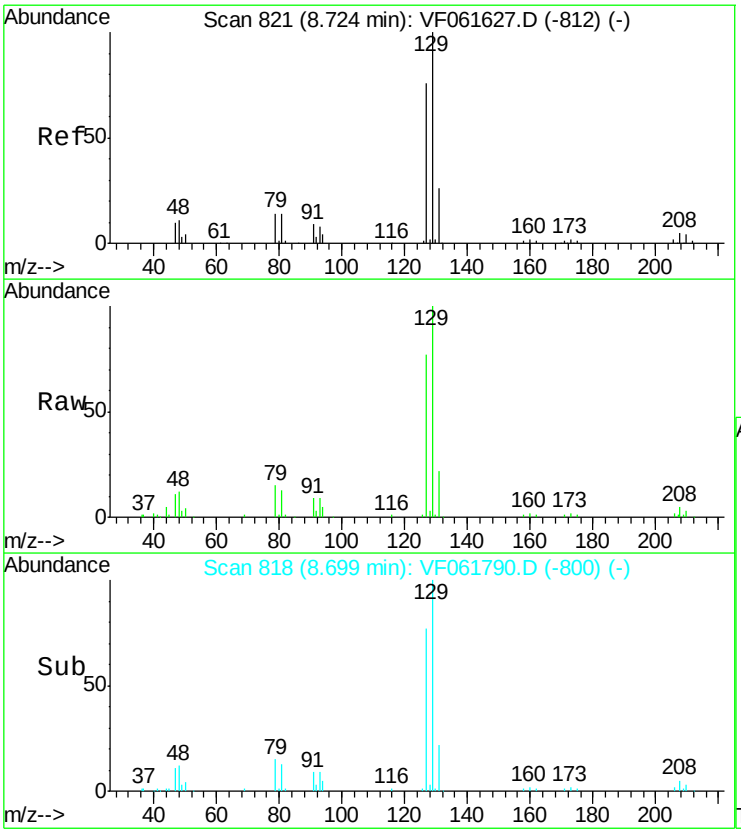
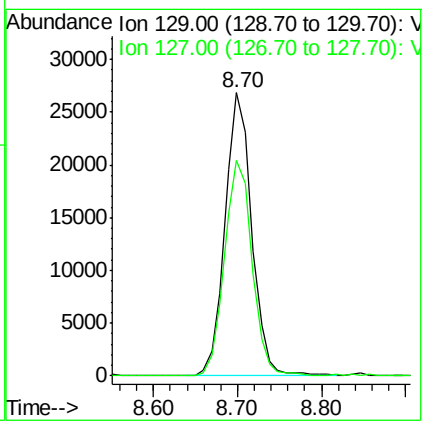
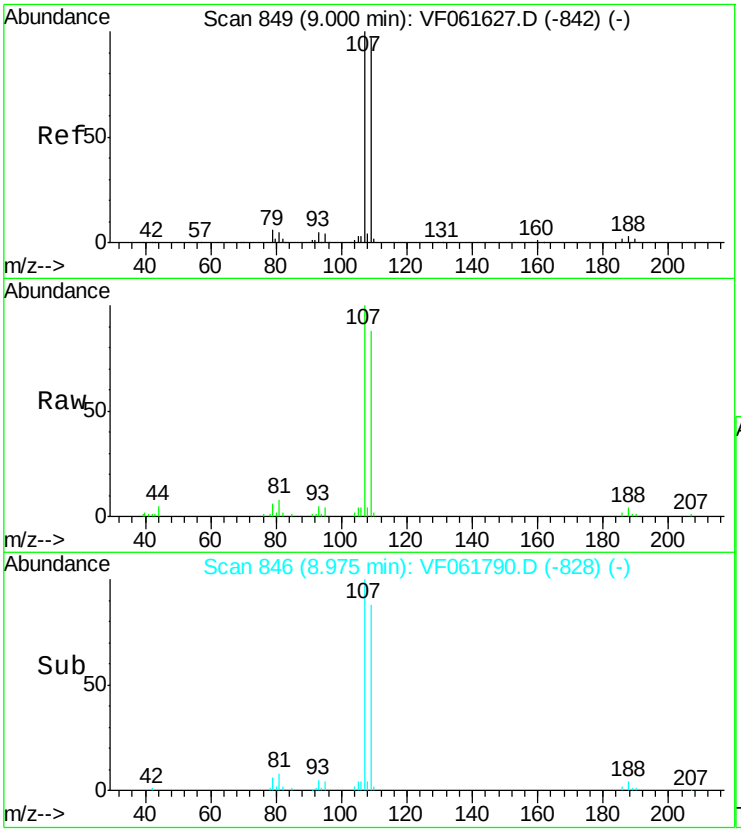


#60
Dibromochloromethane
Concen: 21.514 ug/l
RT: 8.70 min Scan# 818
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:129 Resp: 59210

Ion	Ratio	Lower	Upper
129	100		
127	76.2	37.8	113.4

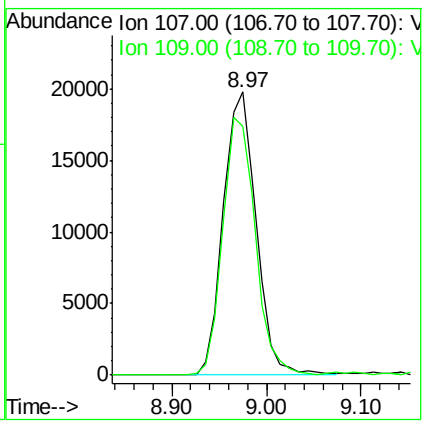




#61
1,2-Dibromoethane
Concen: 22.205 ug/l
RT: 8.97 min Scan# 846
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:107 Resp: 47621

Ion	Ratio	Lower	Upper
107	100		
109	88.1	77.4	116.0



Instrument :
MSVOA_F
ClientSampleId :
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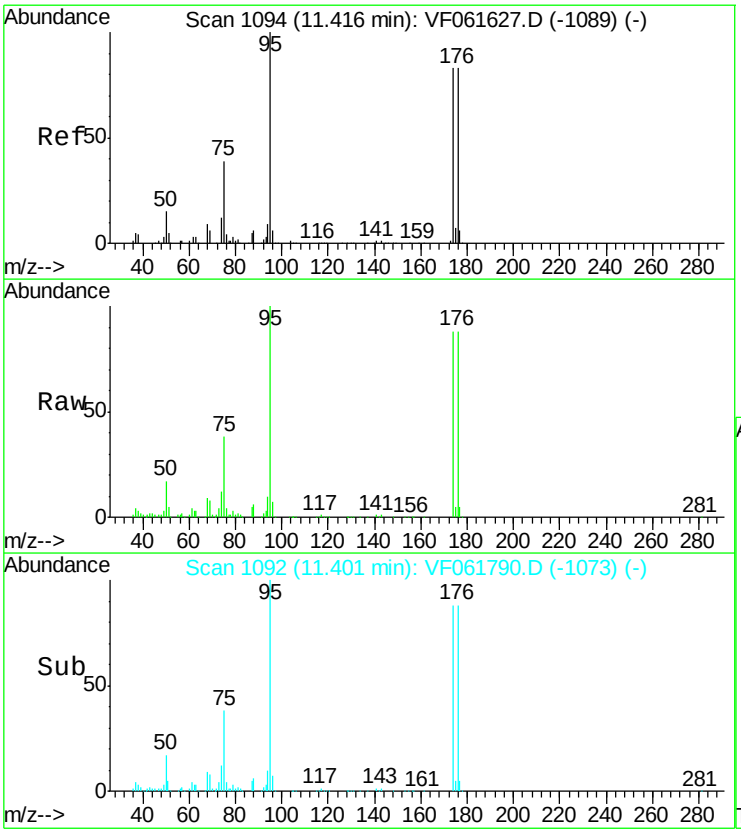
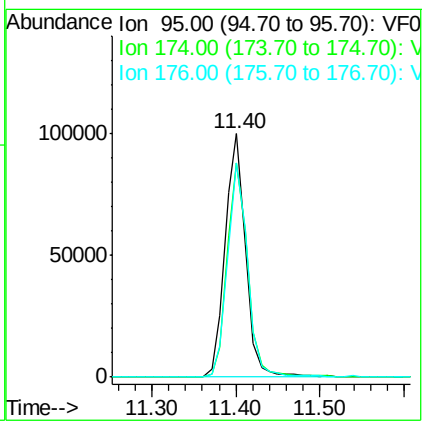
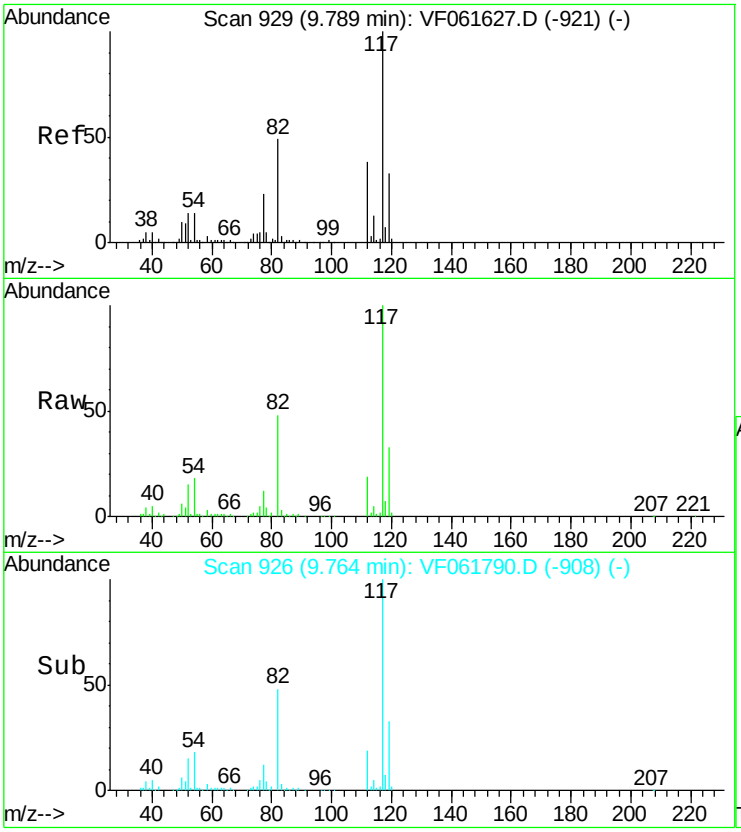


#62
4-Bromofluorobenzene
Concen: 45.688 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 95 Resp: 169002

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	165.8
176	87.8	0.0	167.0

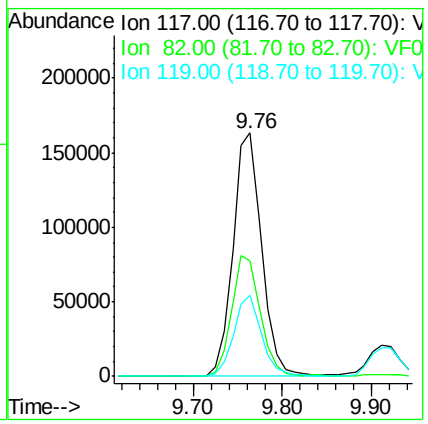




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:117 Resp: 368919

Ion	Ratio	Lower	Upper
117	100		
82	47.7	39.3	58.9
119	33.2	26.6	40.0



Instrument :
MSVOA_F
ClientSampleId :
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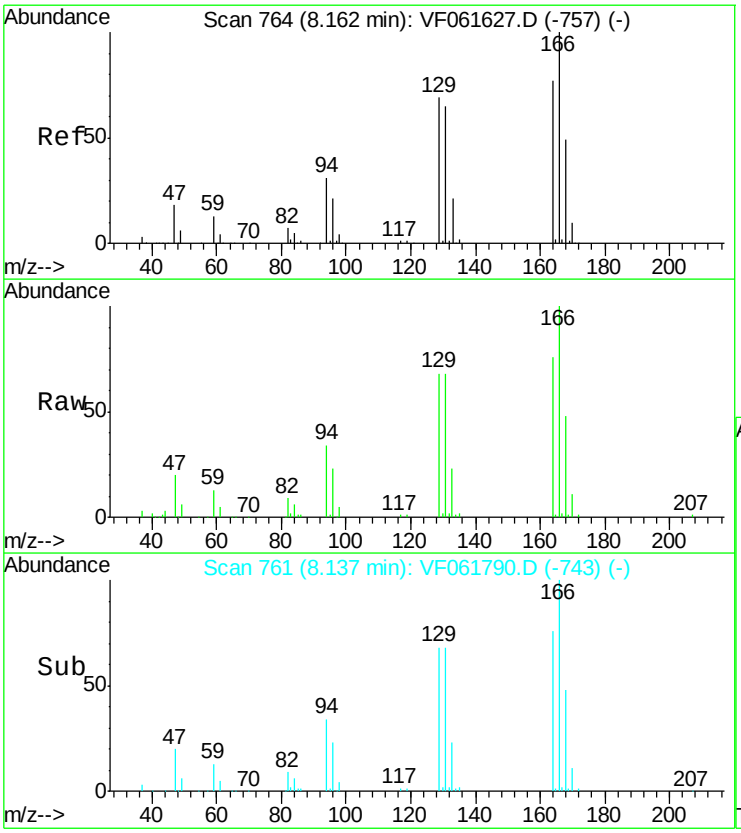
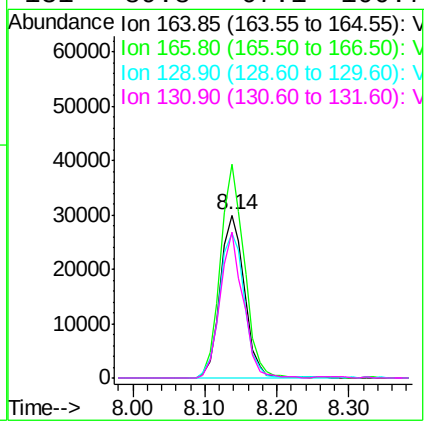
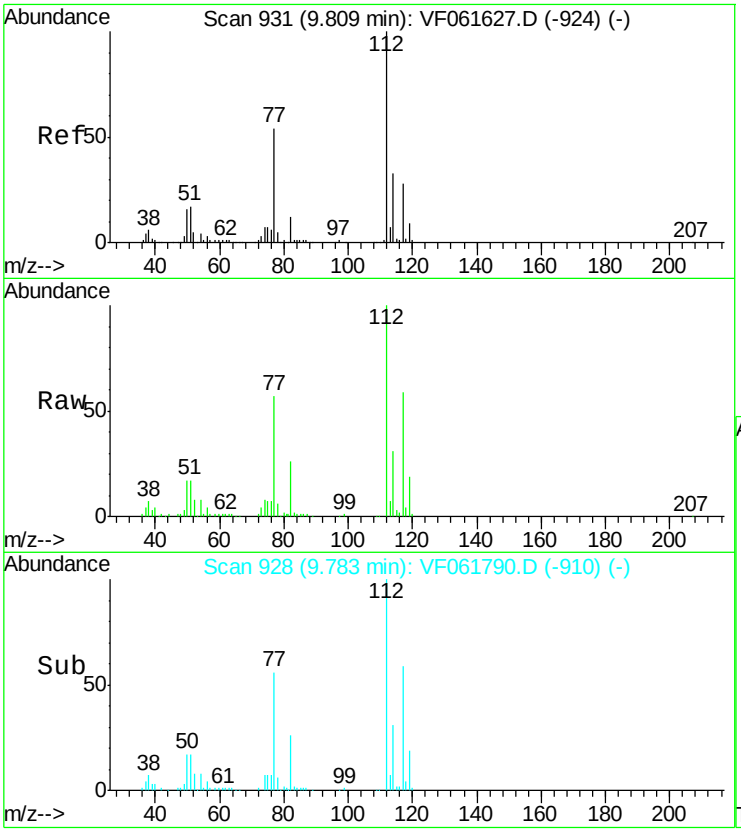


#64
Tetrachloroethene
Concen: 23.108 ug/l
RT: 8.14 min Scan# 761
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:164 Resp: 69682

Ion	Ratio	Lower	Upper
164	100		
166	131.0	103.9	155.9
129	89.0	71.3	106.9
131	89.8	67.1	100.7





#65
Chlorobenzene
Concen: 22.283 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:112 Resp: 166818

Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.2	39.2

Instrument :
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ClientSampleId :
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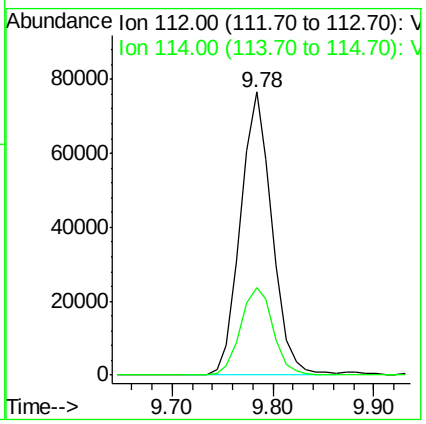
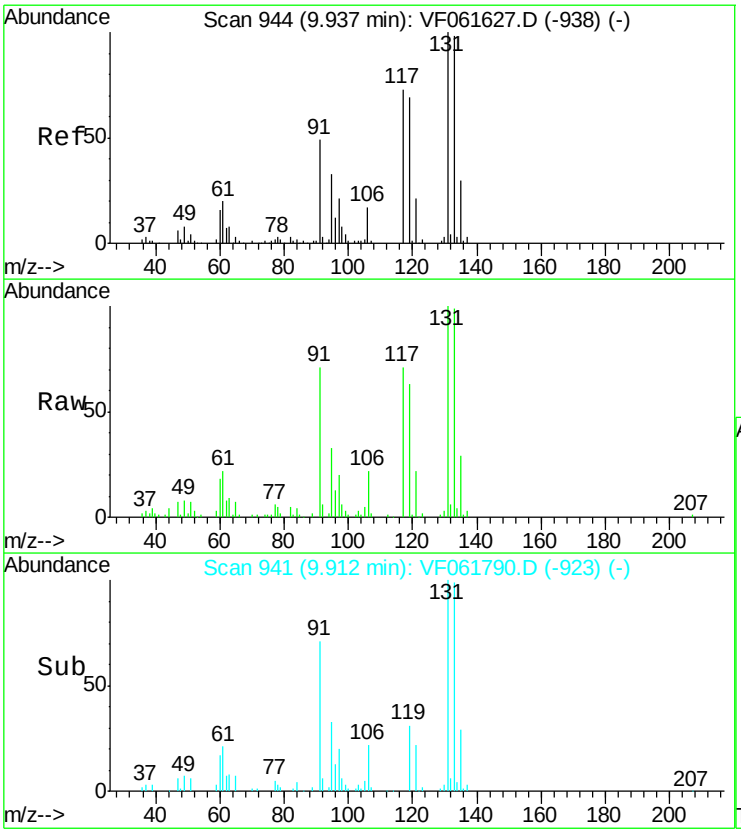
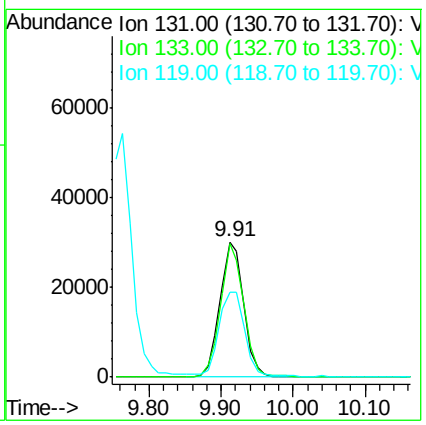


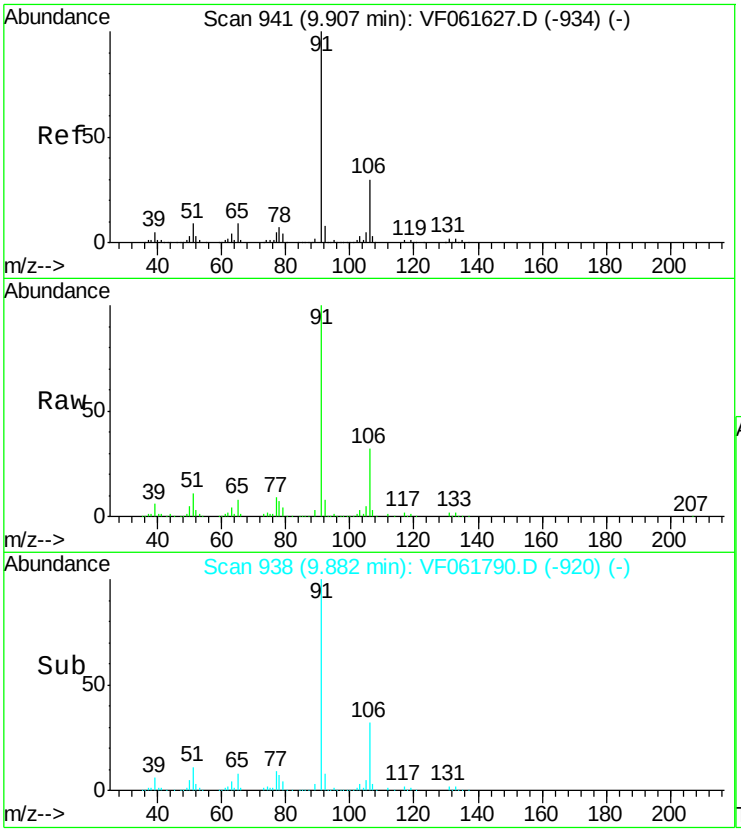


#66
1,1,1,2-Tetrachloroethane
Concen: 23.406 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:131 Resp: 68662

Ion	Ratio	Lower	Upper
131	100		
133	99.0	48.9	146.6
119	63.1	34.8	104.3

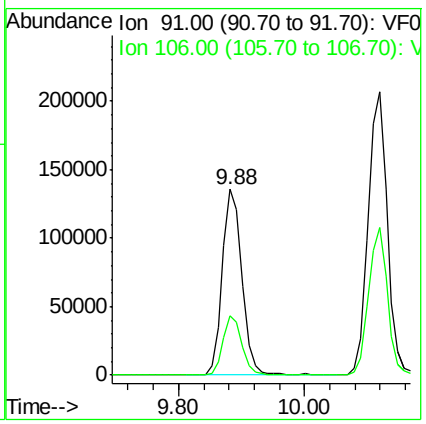




#67
Ethyl Benzene
Concen: 23.699 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 91 Resp: 295039

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.1	36.1



Instrument :
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ClientSampleId :
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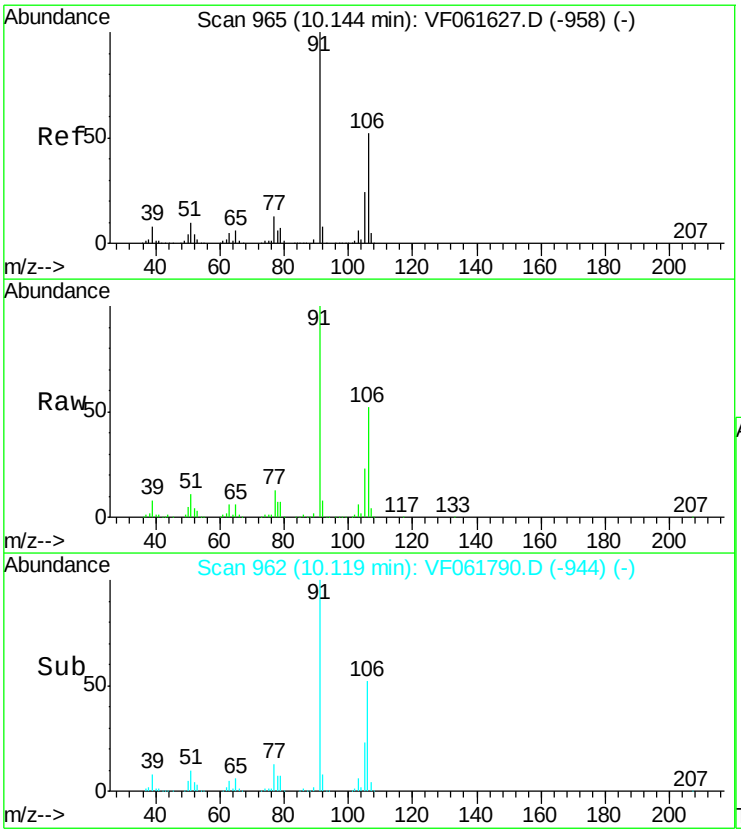
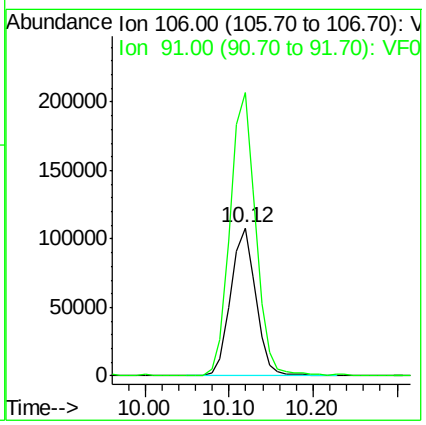
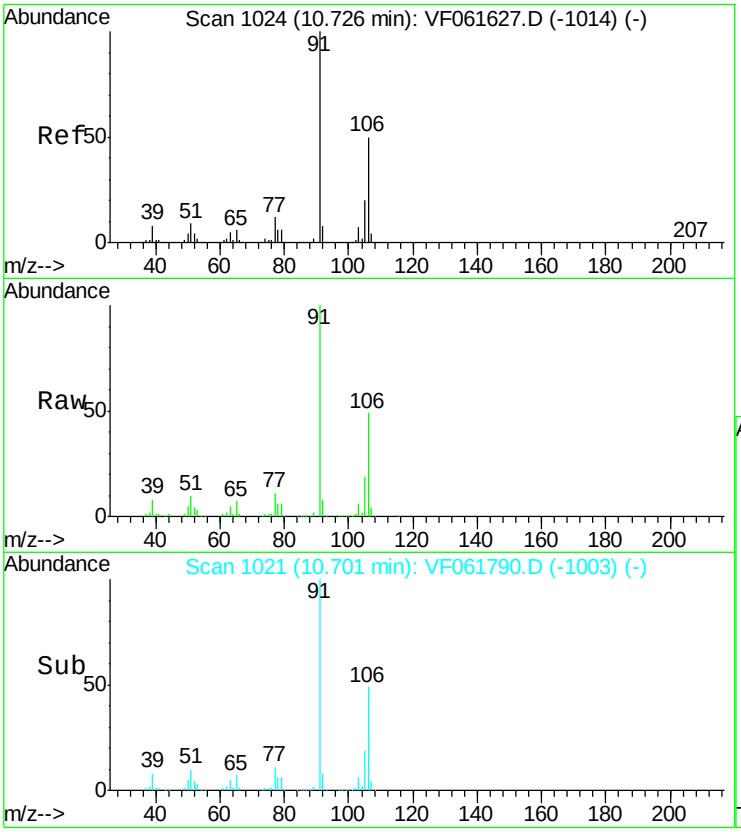


#68
m/p-Xylenes
Concen: 47.166 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:106 Resp: 224726

Ion	Ratio	Lower	Upper
106	100		
91	191.5	153.0	229.6

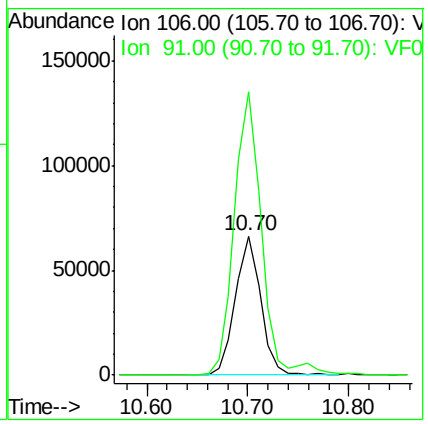




#69
o-Xylene
Concen: 22.953 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:106 Resp: 116697

Ion	Ratio	Lower	Upper
106	100		
91	203.9	100.1	300.1



Instrument :
MSVOA_F
ClientSampleId :
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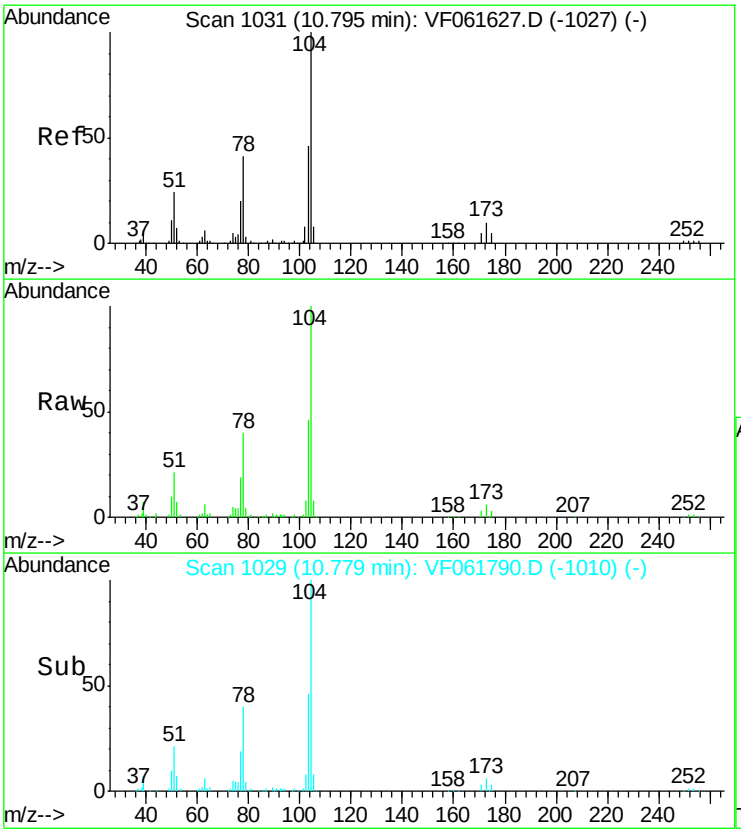
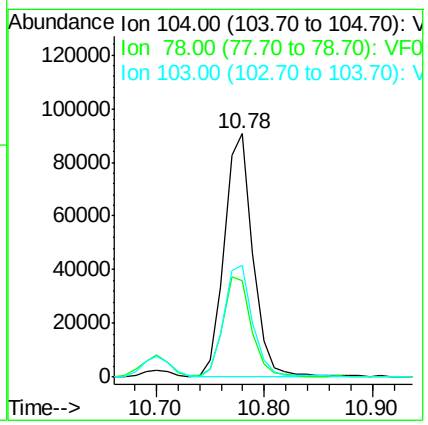
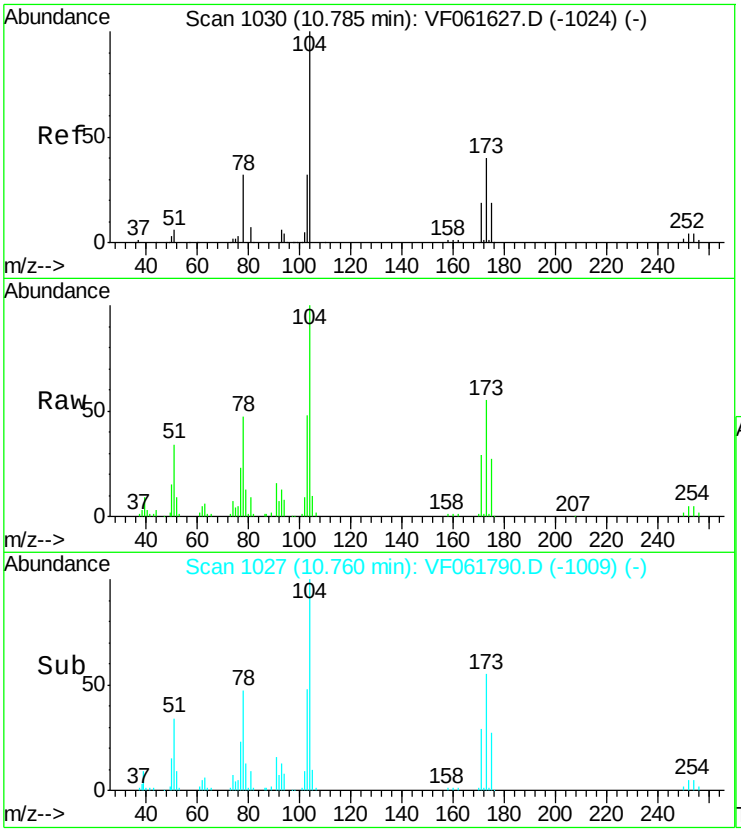


#70
Styrene
Concen: 23.041 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:104 Resp: 165720

Ion	Ratio	Lower	Upper
104	100		
78	39.9	33.2	49.8
103	45.7	37.2	55.8

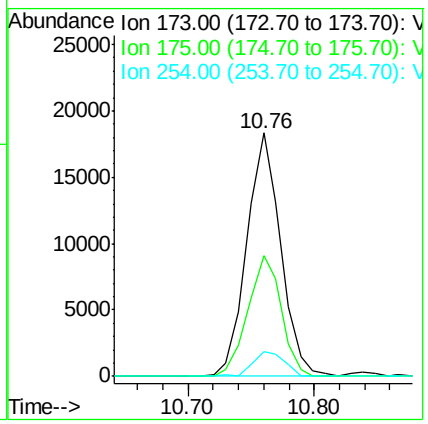




#71
Bromoform
Concen: 21.564 ug/l
RT: 10.76 min Scan# 1027
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:173 Resp: 34350

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.0	72.0
254	9.9	8.2	12.2



Instrument :
MSVOA_F
ClientSampleId :
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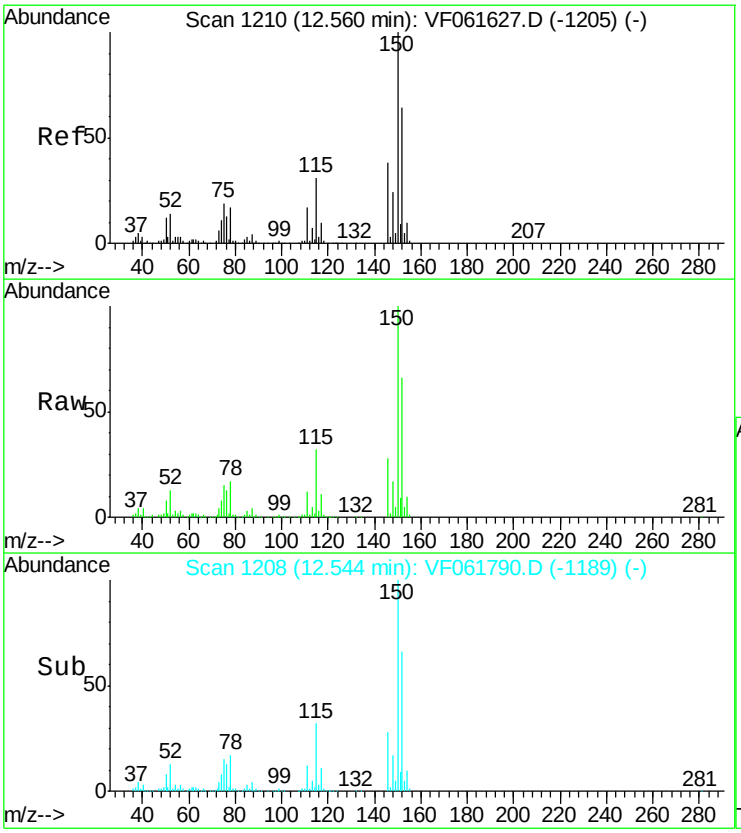
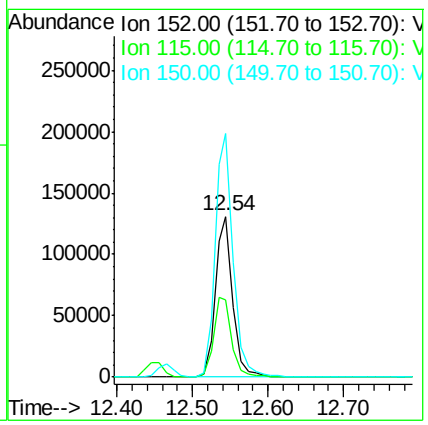
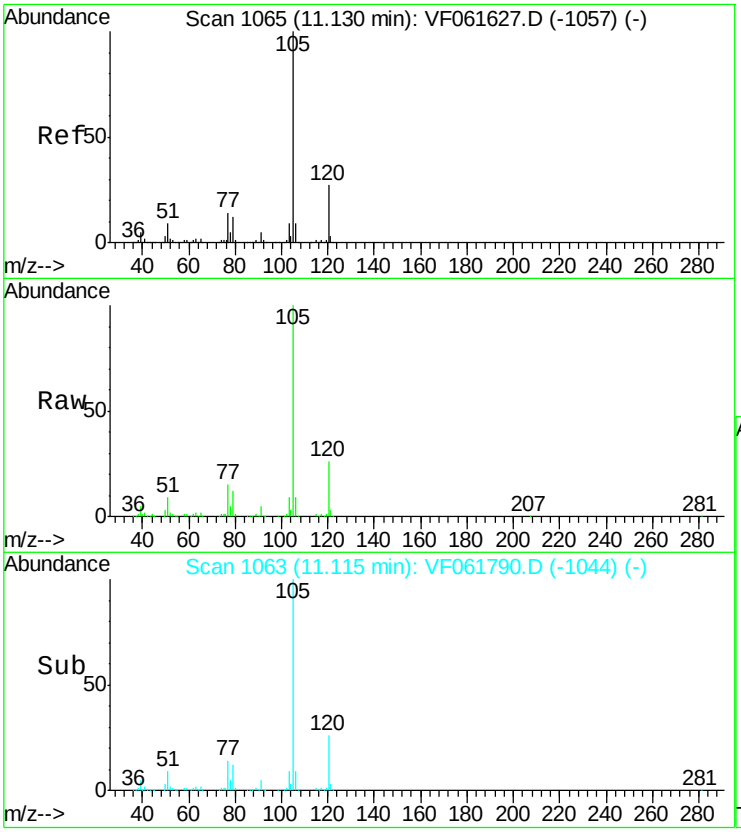


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:152 Resp: 210655

Ion	Ratio	Lower	Upper
152	100		
115	48.3	24.3	72.8
150	151.6	0.0	312.0





#73
Isopropylbenzene
Concen: 21.834 ug/l
RT: 11.11 min Scan# 1063
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:105 Resp: 327475

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.1

Instrument :
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ClientSampleId :
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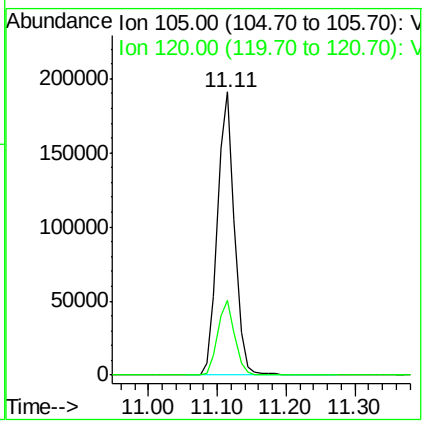
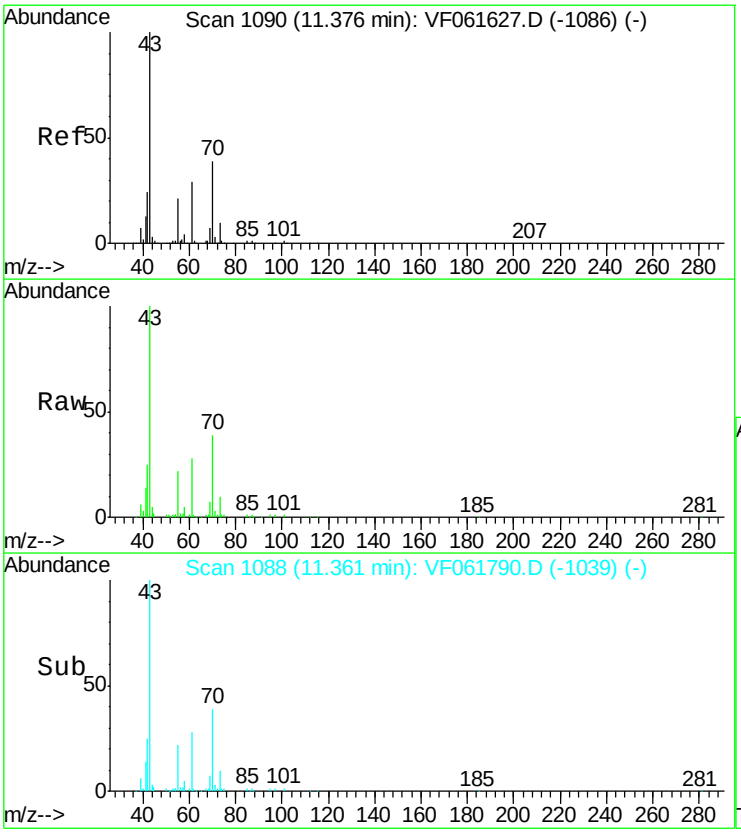
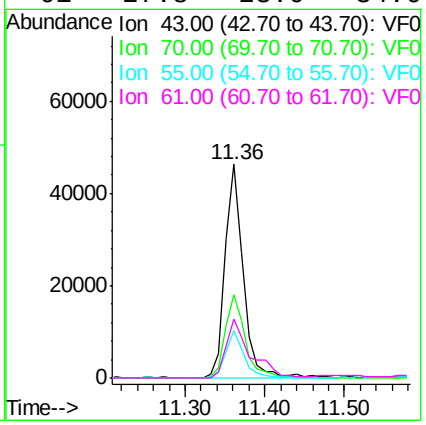


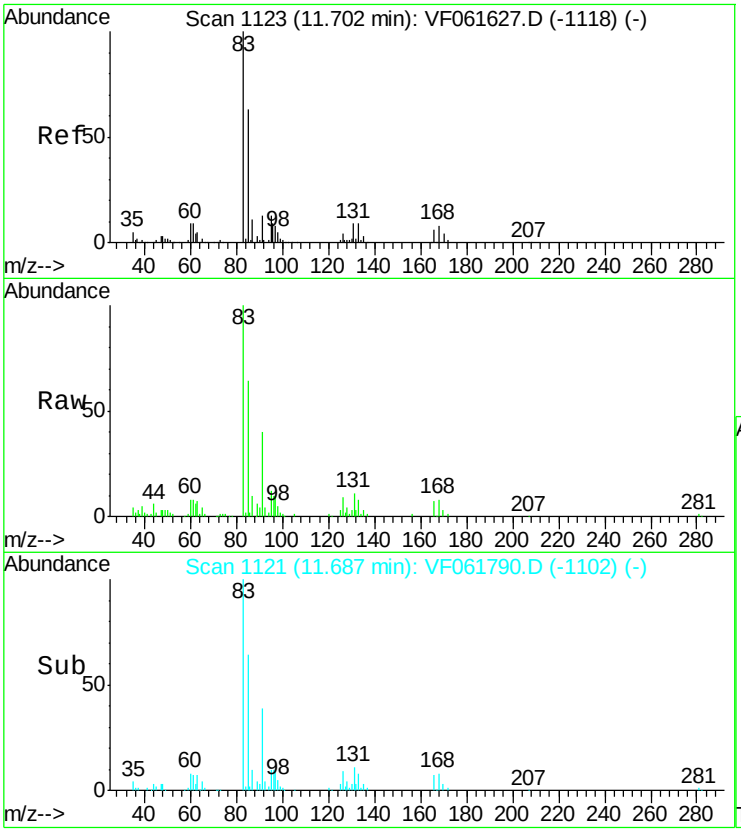


#74
N-amyl acetate
Concen: 21.028 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 43 Resp: 75700

Ion	Ratio	Lower	Upper
43	100		
70	38.7	31.5	47.3
55	22.1	16.7	25.1
61	27.8	23.0	34.6

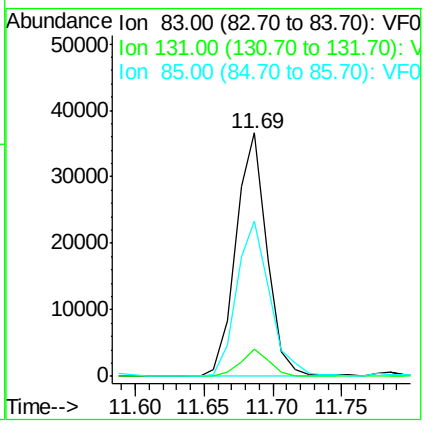




#75
1,1,2,2-Tetrachloroethane
Concen: 21.363 ug/l
RT: 11.69 min Scan# 1121
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 83 Resp: 57401

Ion	Ratio	Lower	Upper
83	100		
131	11.2	4.4	13.2
85	63.9	31.5	94.5



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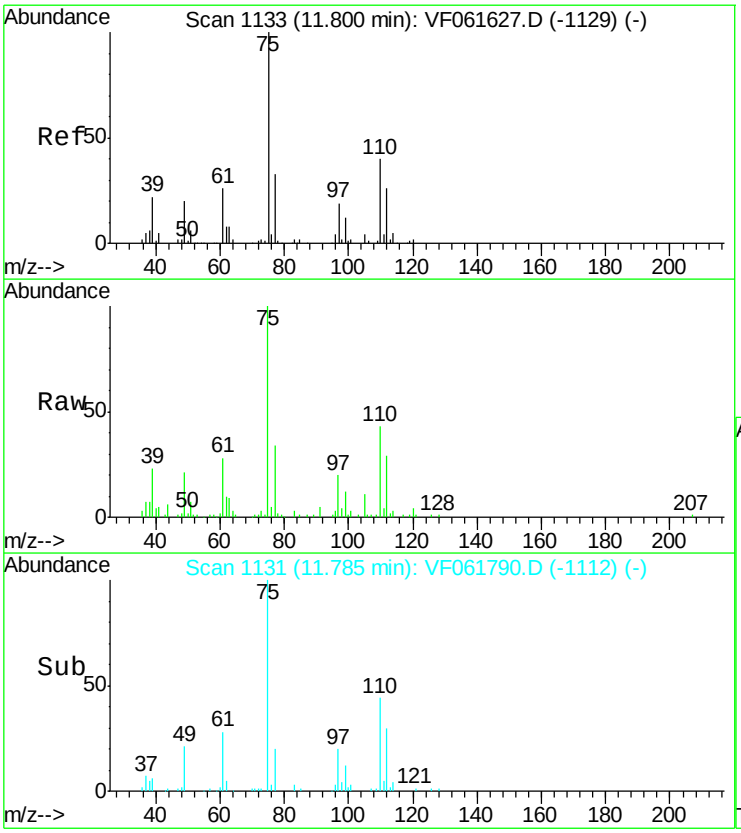
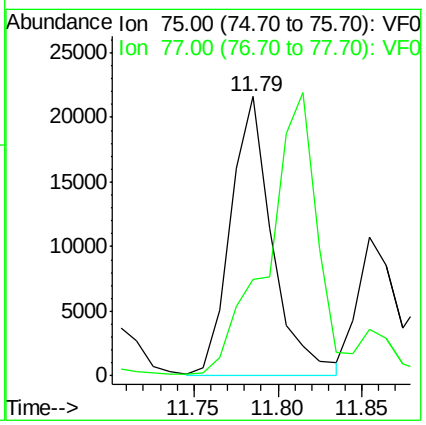
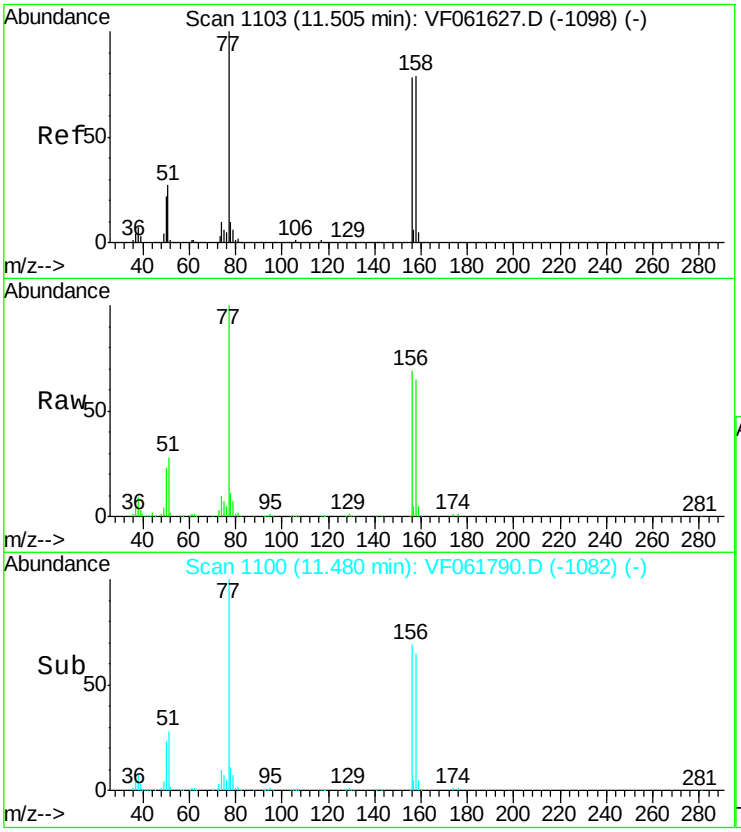


#76
1,2,3-Trichloropropane
Concen: 20.468 ug/l
RT: 11.79 min Scan# 1131
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 75 Resp: 37392

Ion	Ratio	Lower	Upper
75	100		
77	34.5	16.6	49.7

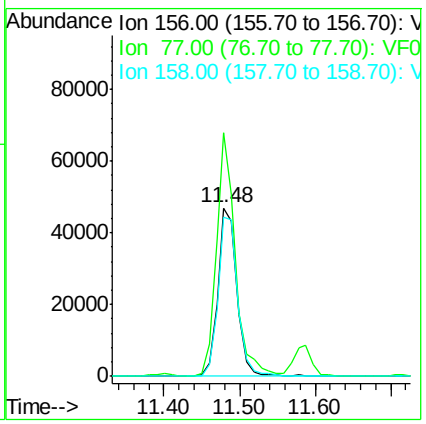




#77
Bromobenzene
Concen: 22.392 ug/l
RT: 11.48 min Scan# 1100
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:156 Resp: 82967

Ion	Ratio	Lower	Upper
156	100		
77	144.5	64.3	192.7
158	94.4	50.9	152.7



Instrument :
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ClientSampleId :
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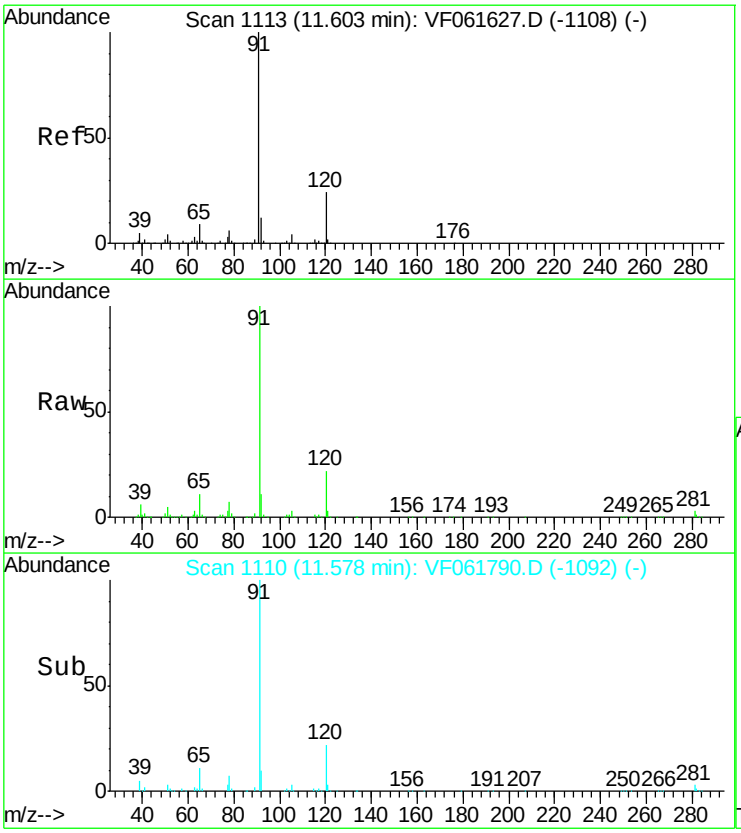
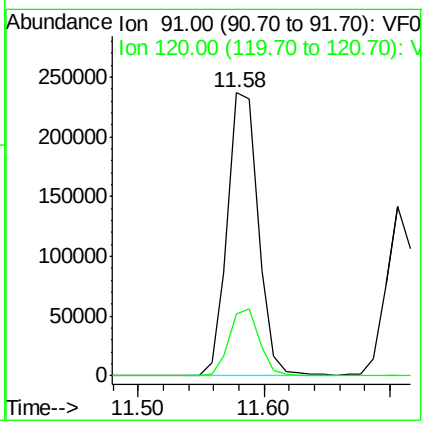
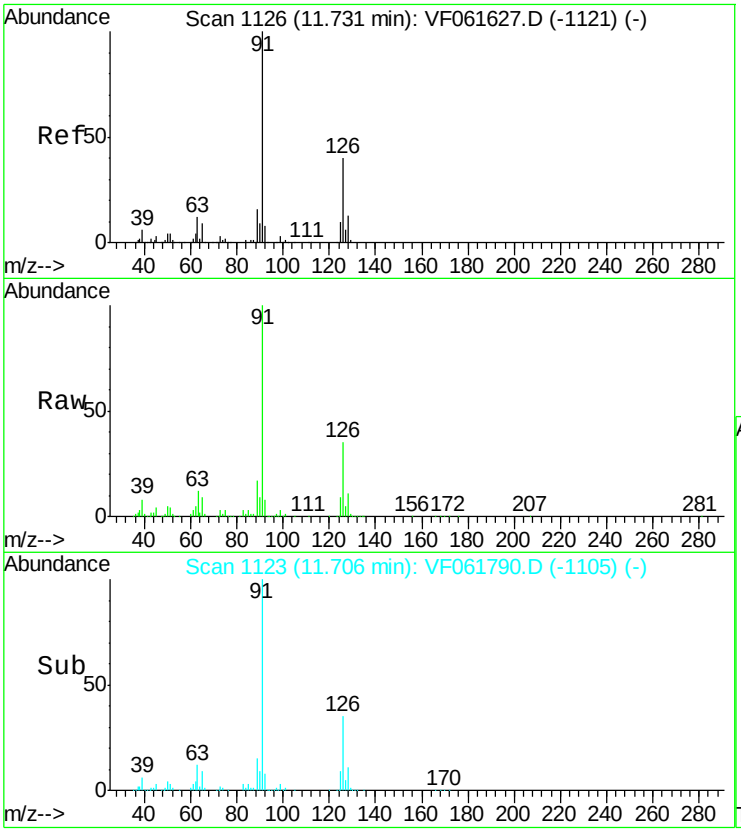


#78
n-propylbenzene
Concen: 23.312 ug/l
RT: 11.58 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 91 Resp: 401216

Ion	Ratio	Lower	Upper
91	100		
120	21.8	12.1	36.3





#79
2-Chlorotoluene
Concen: 23.087 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 91 Resp: 222531

Ion	Ratio	Lower	Upper
91	100		
126	35.5	19.8	59.4

Instrument :
MSVOA_F
ClientSampleId :
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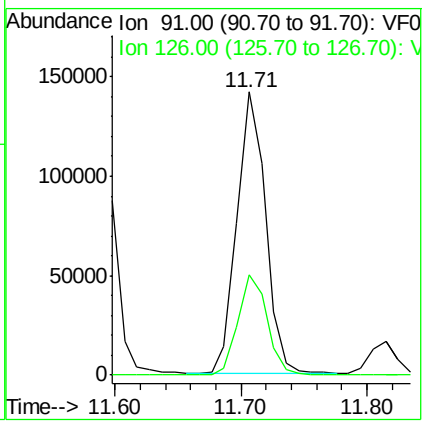
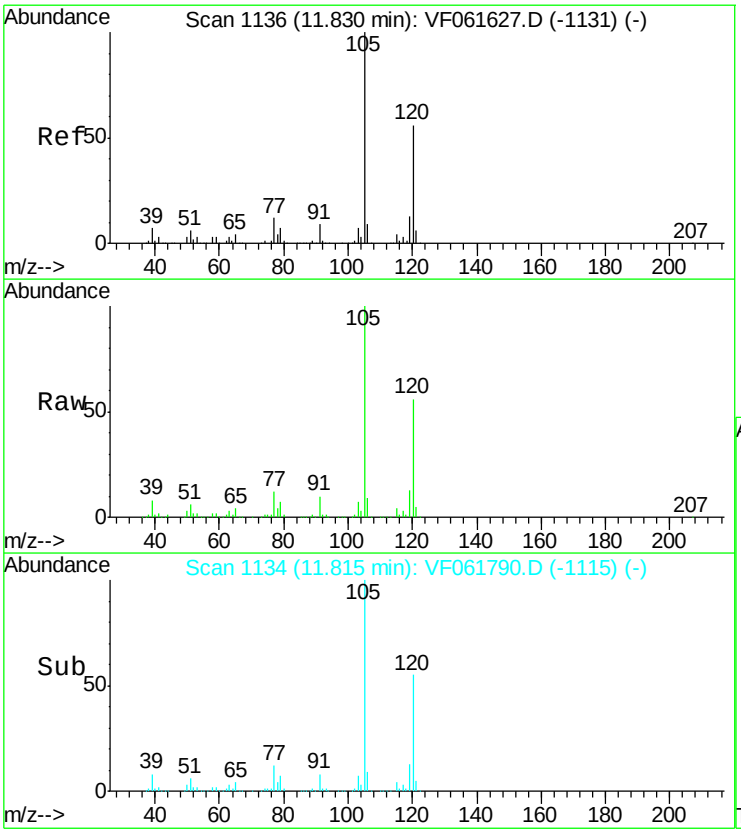
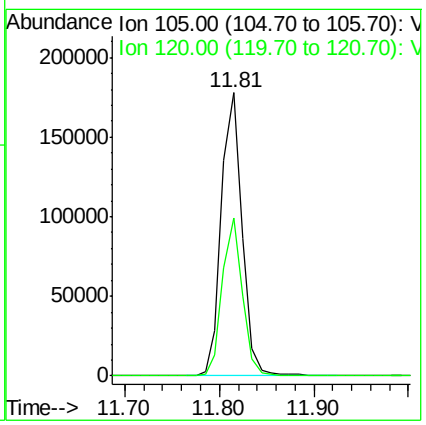


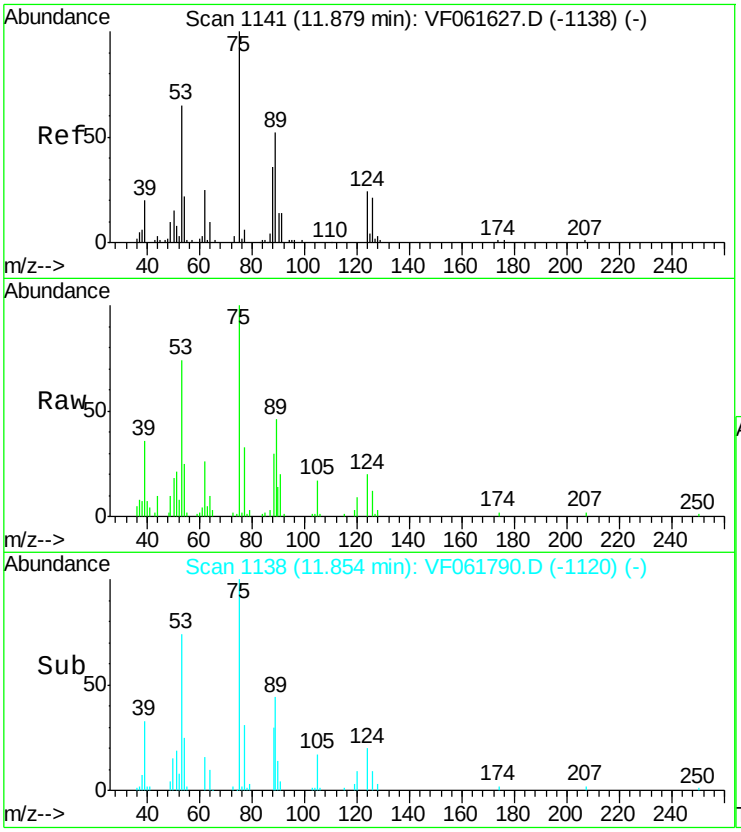


#80
1,3,5-Trimethylbenzene
Concen: 22.628 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:105 Resp: 271244

Ion	Ratio	Lower	Upper
105	100		
120	55.6	27.9	83.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.409 ug/l m
RT: 11.85 min Scan# 1138
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 75 Resp: 16123

Ion	Ratio	Lower	Upper
75	100		
53	74.0	53.7	80.5
89	46.3	41.6	62.4

Instrument :
MSVOA_F
ClientSampleId :
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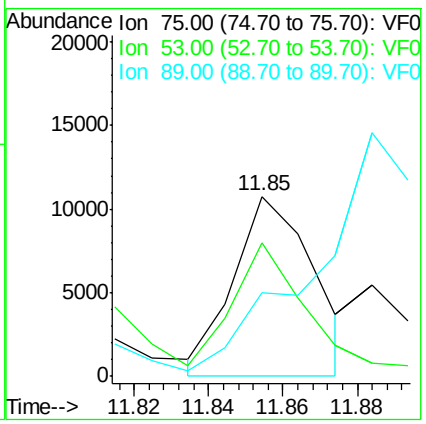
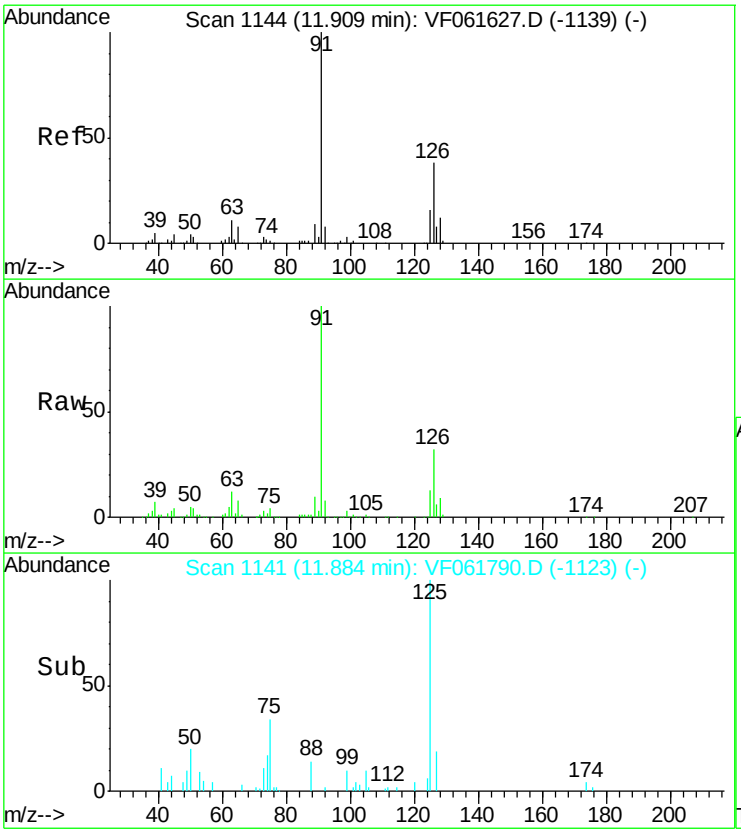
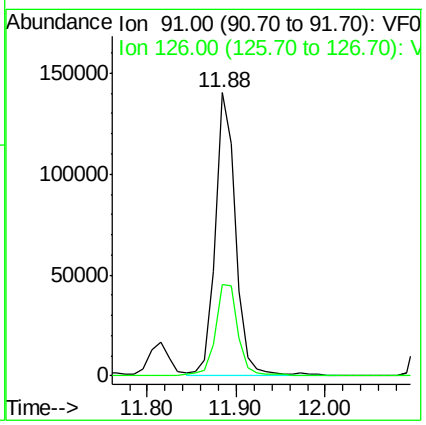


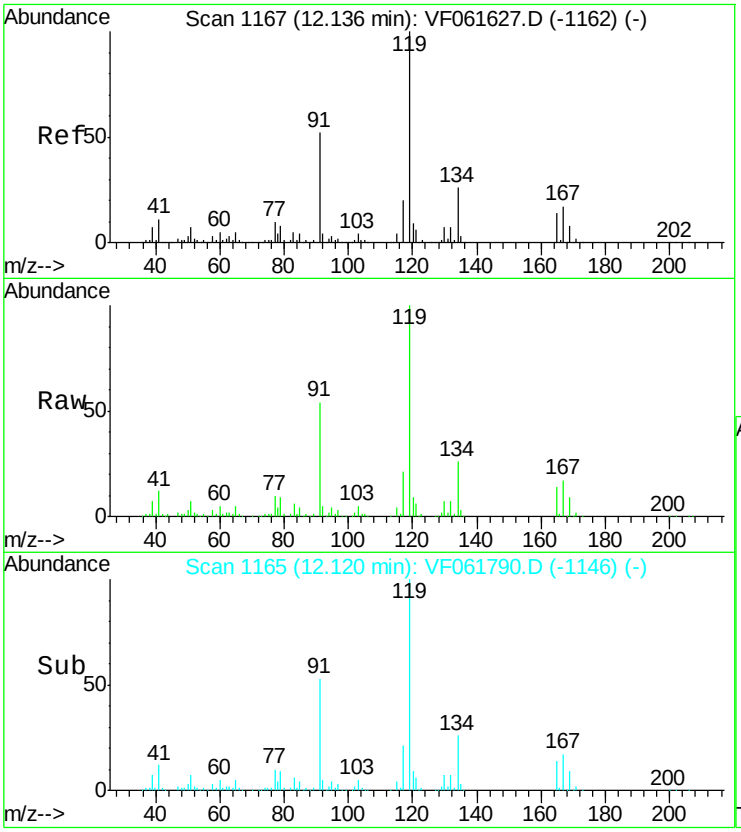


#82
4-Chlorotoluene
Concen: 22.213 ug/l
RT: 11.88 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 91 Resp: 222236

Ion	Ratio	Lower	Upper
91	100		
126	32.4	19.1	57.1

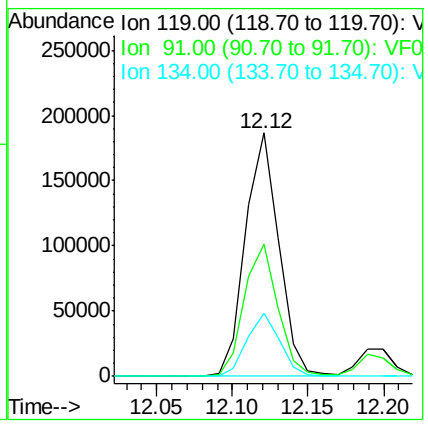




#83
tert-Butylbenzene
Concen: 21.761 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:119 Resp: 288921

Ion	Ratio	Lower	Upper
119	100		
91	54.5	26.3	78.8
134	25.9	12.9	38.7



Instrument :
MSVOA_F
ClientSampleId :
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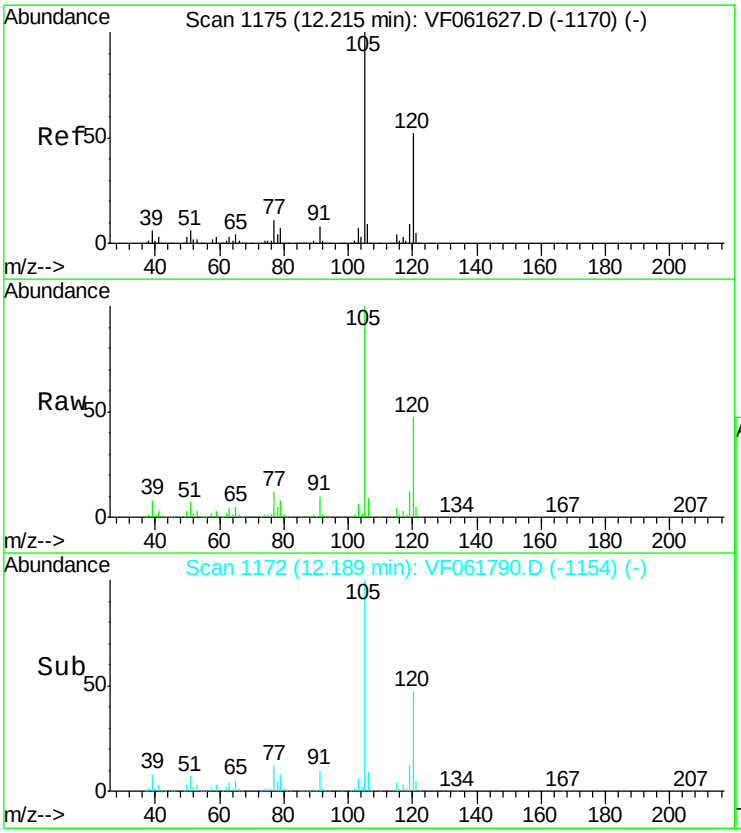
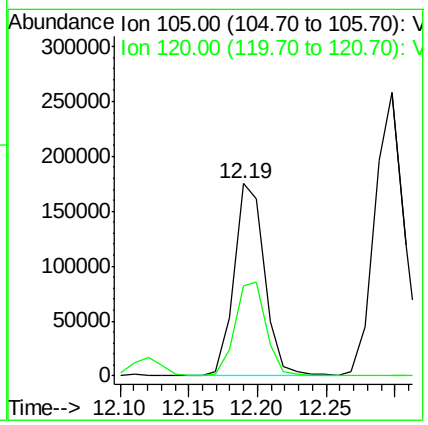
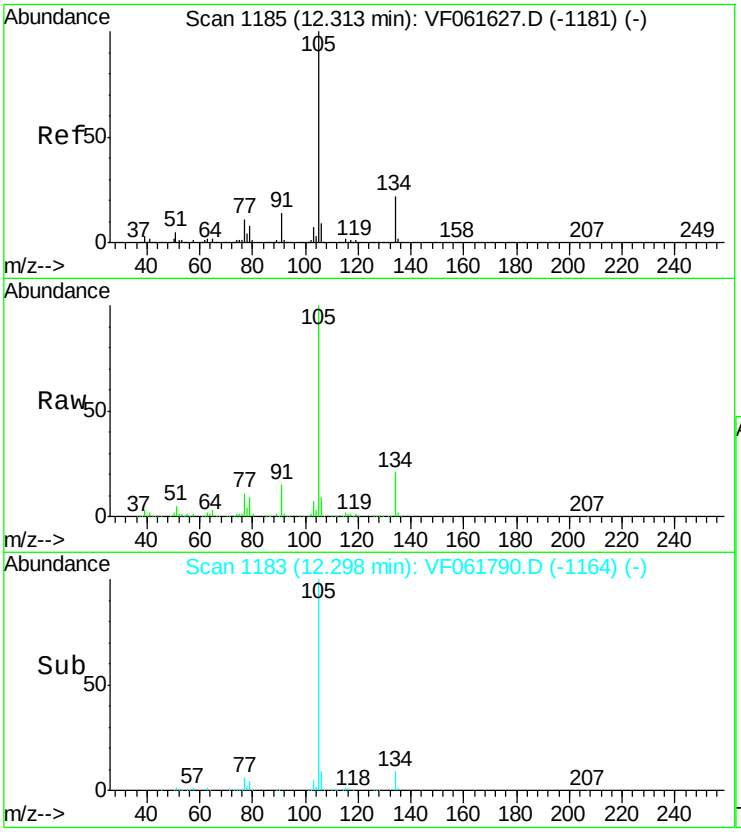


#84
1,2,4-Trimethylbenzene
Concen: 22.824 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. -0.03 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:105 Resp: 271809

Ion	Ratio	Lower	Upper
105	100		
120	47.0	26.1	78.3

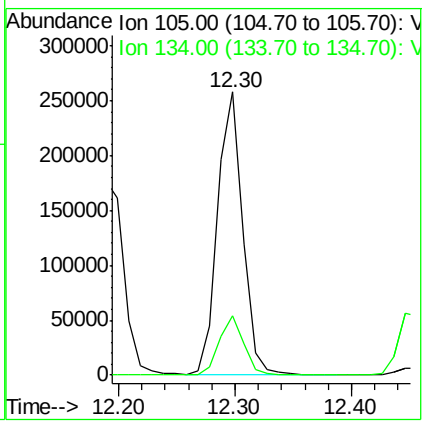




#85
sec-Butylbenzene
Concen: 22.448 ug/l
RT: 12.30 min Scan# 1183
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:105 Resp: 385411

Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.8	32.4



Instrument :
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ClientSampleId :
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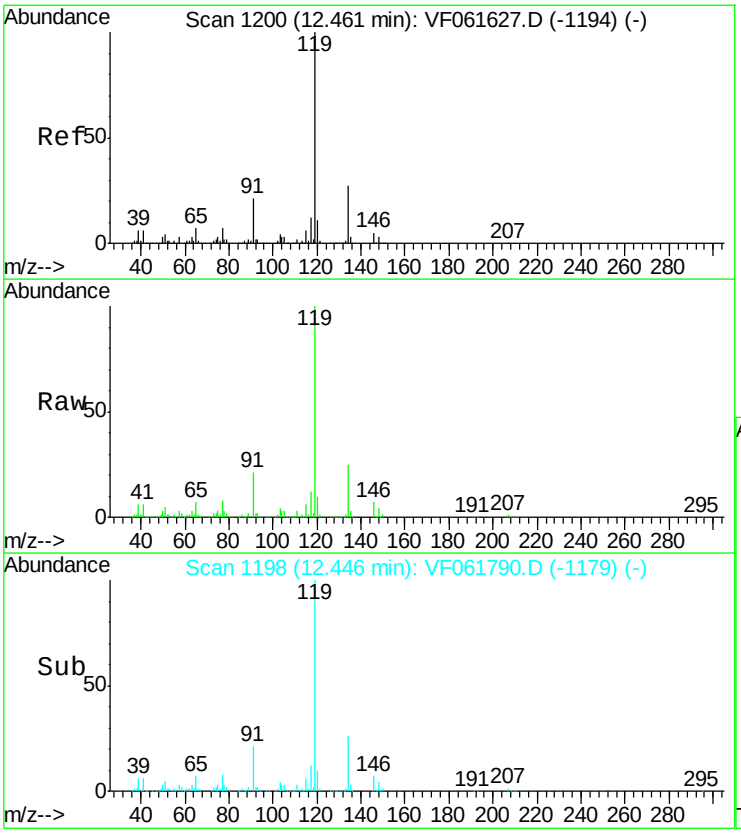
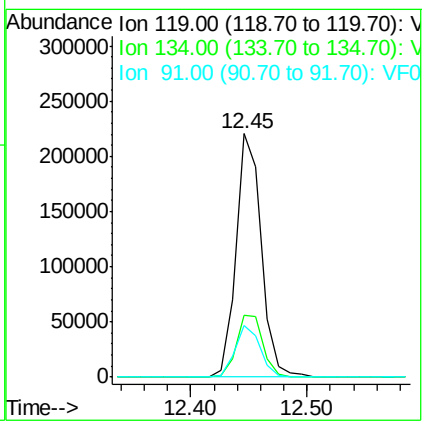
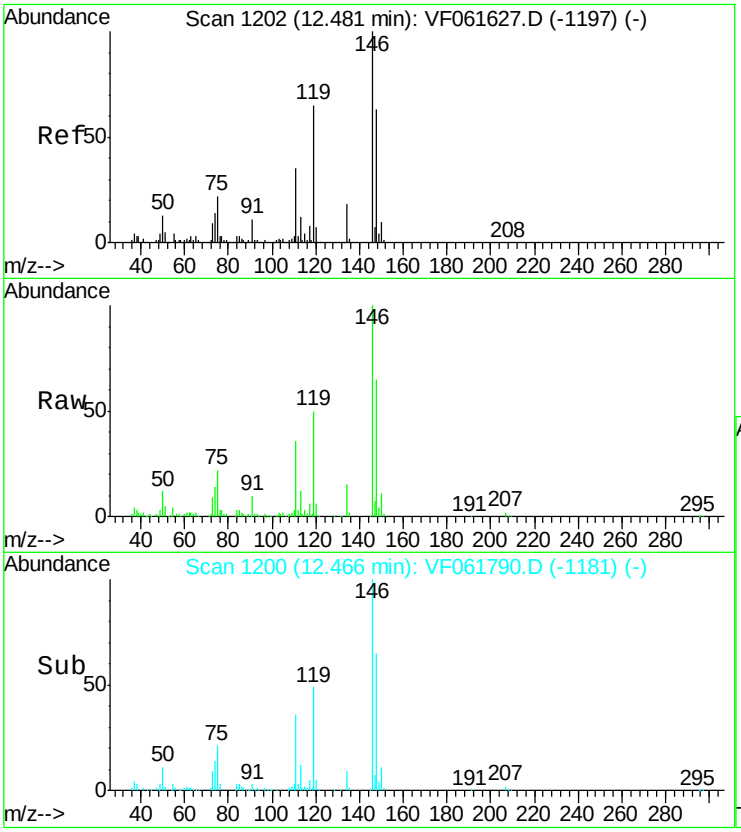


#86
p-Isopropyltoluene
Concen: 22.849 ug/l
RT: 12.45 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:119 Resp: 329238

Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.7	41.1
91	21.2	10.8	32.4

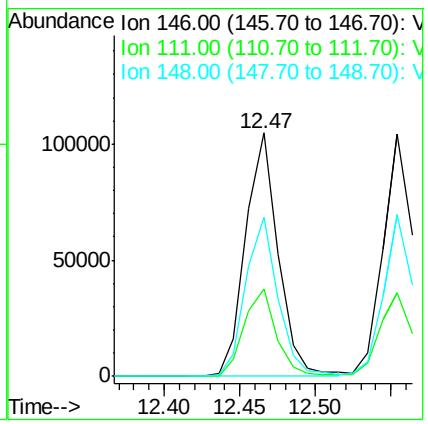




#87
1,3-Dichlorobenzene
Concen: 21.883 ug/l
RT: 12.47 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:146 Resp: 158070

Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.5	52.6
148	65.3	31.4	94.3



Instrument :
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ClientSampleId :
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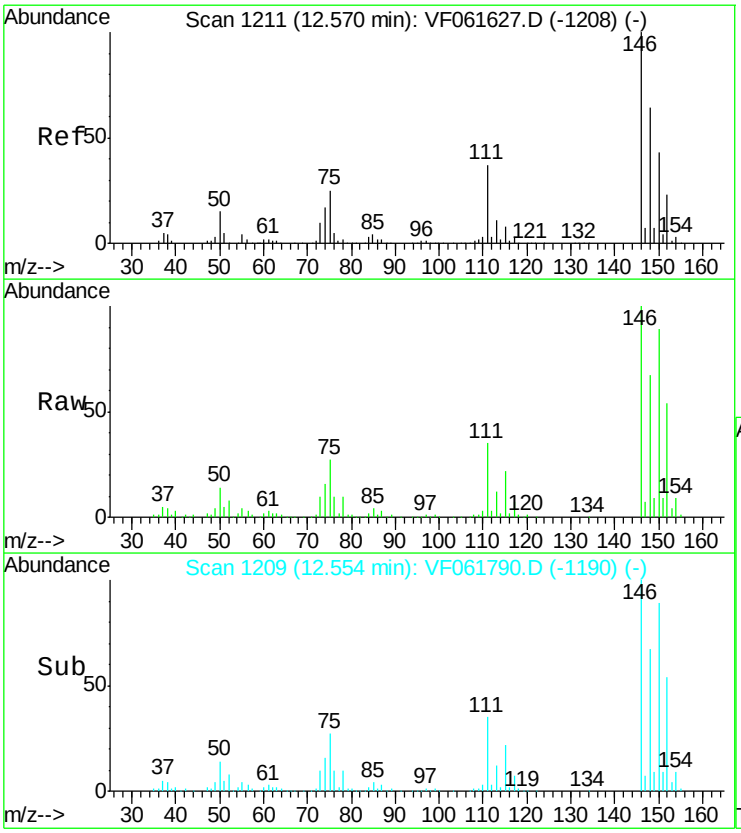
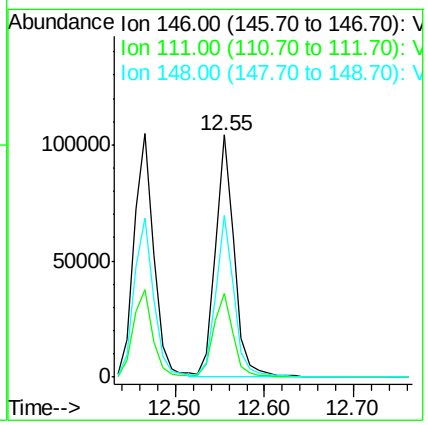
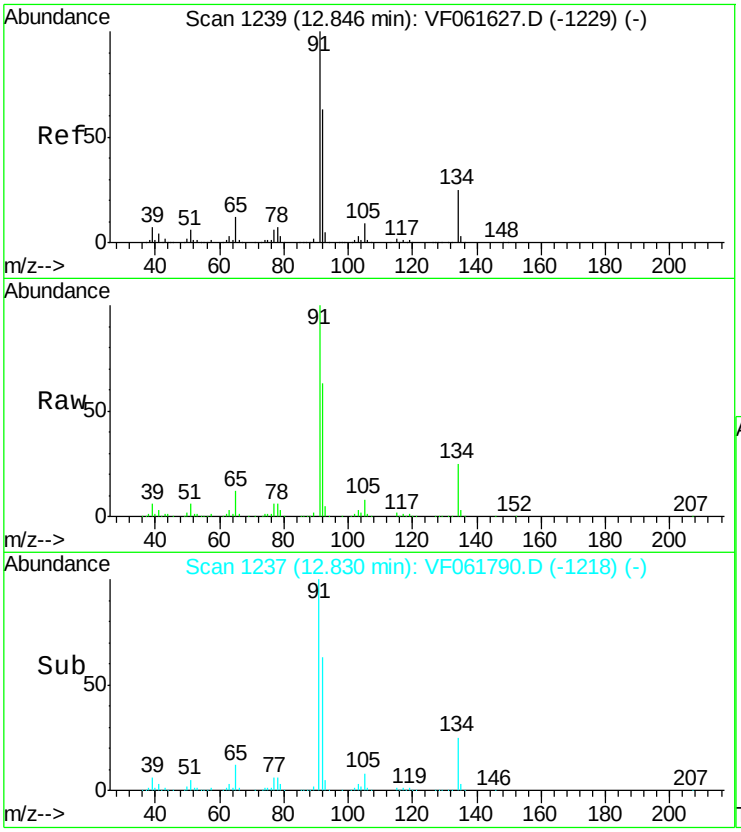


#88
1,4-Dichlorobenzene
Concen: 22.042 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:146 Resp: 153125

Ion	Ratio	Lower	Upper
146	100		
111	34.7	18.4	55.4
148	66.5	32.2	96.6

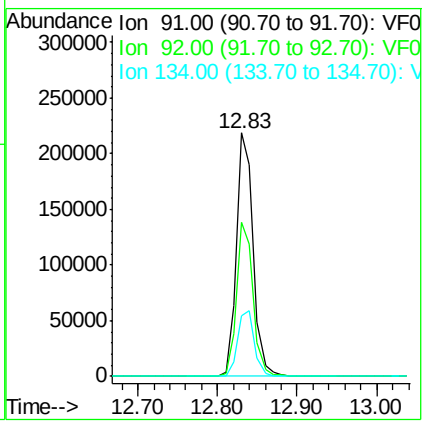




#89
n-Butylbenzene
Concen: 23.603 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 91 Resp: 321149

Ion	Ratio	Lower	Upper
91	100		
92	63.0	31.4	94.3
134	25.1	12.3	36.9



Instrument :
MSVOA_F
ClientSampleId :
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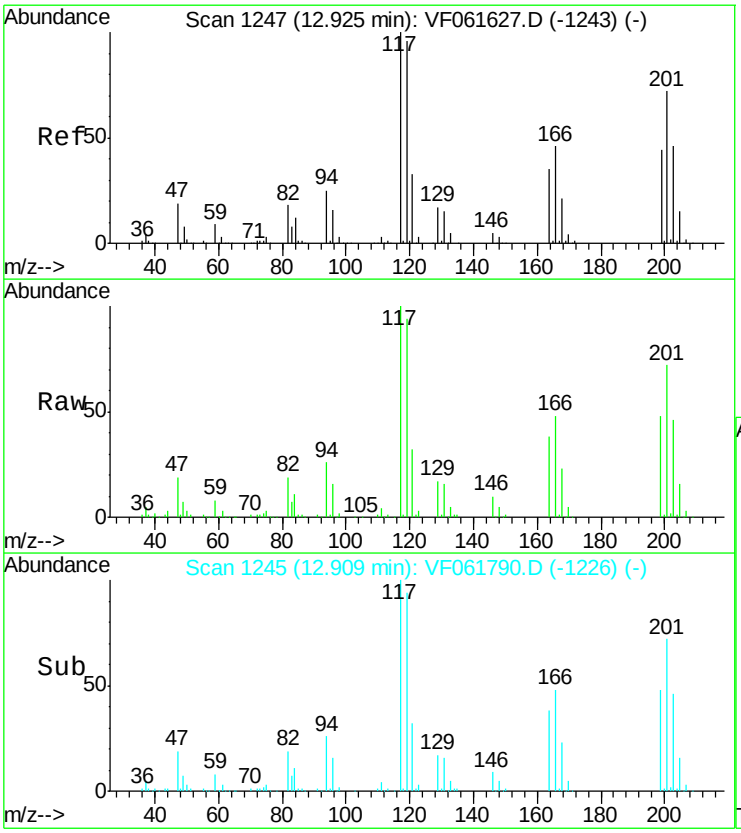
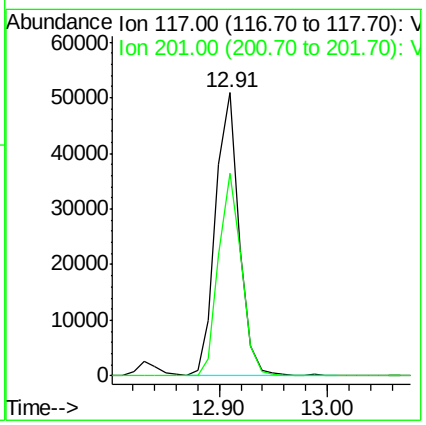
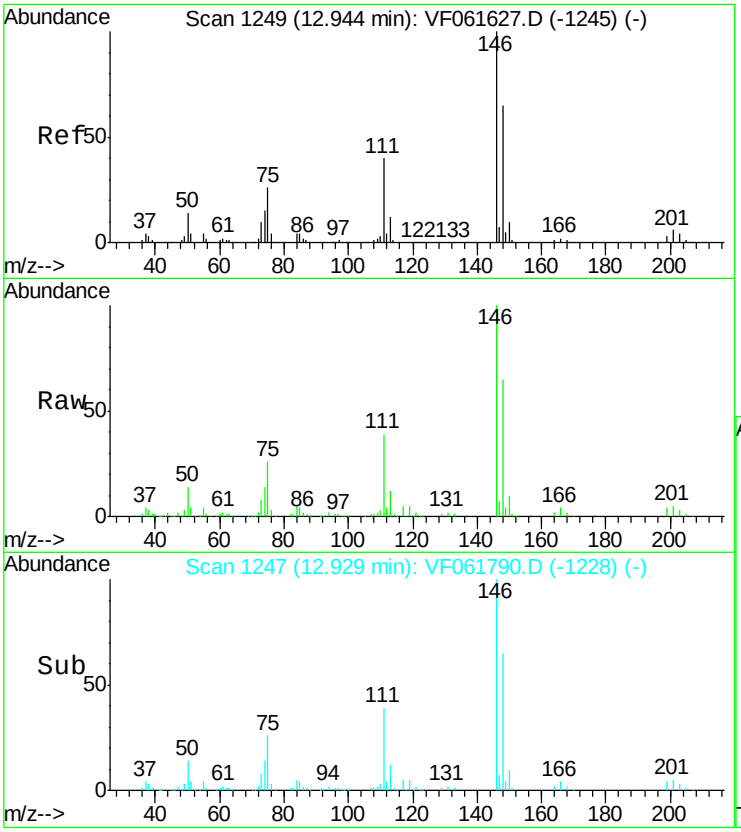


#90
Hexachloroethane
Concen: 22.992 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:117 Resp: 77051

Ion	Ratio	Lower	Upper
117	100		
201	71.6	36.2	108.6





#91
1,2-Dichlorobenzene
Concen: 22.371 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:146 Resp: 153704

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.5
148	65.1	32.3	96.9

Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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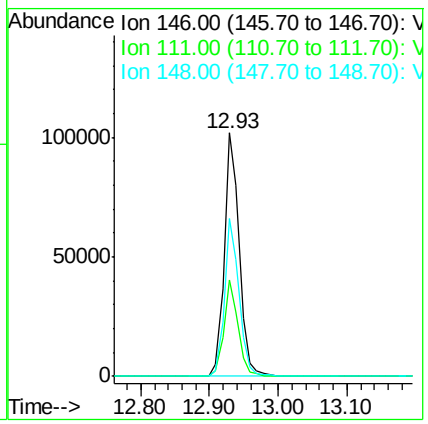
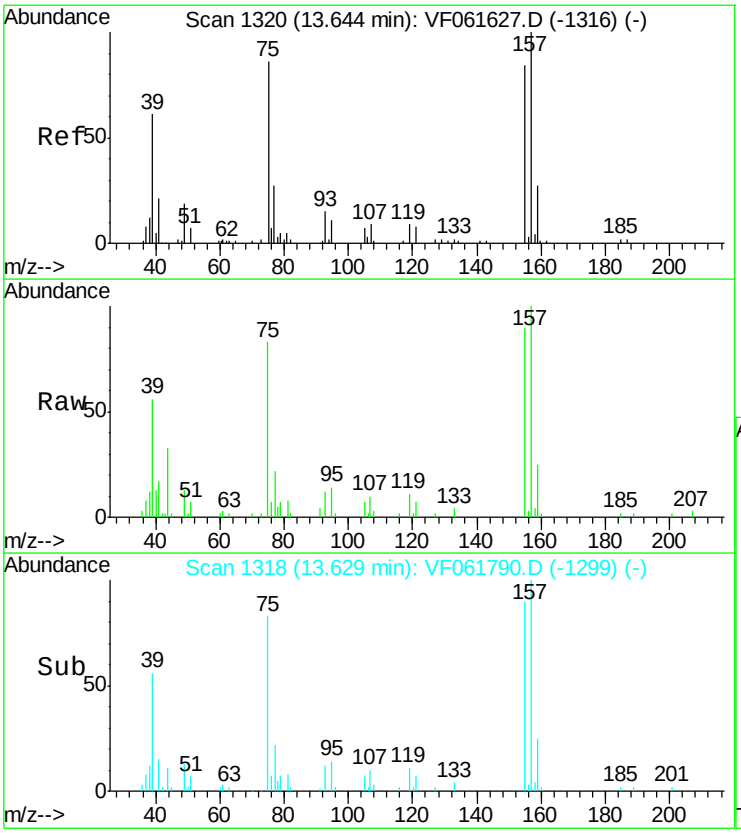
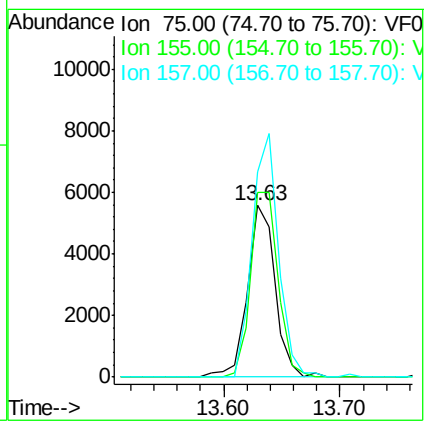


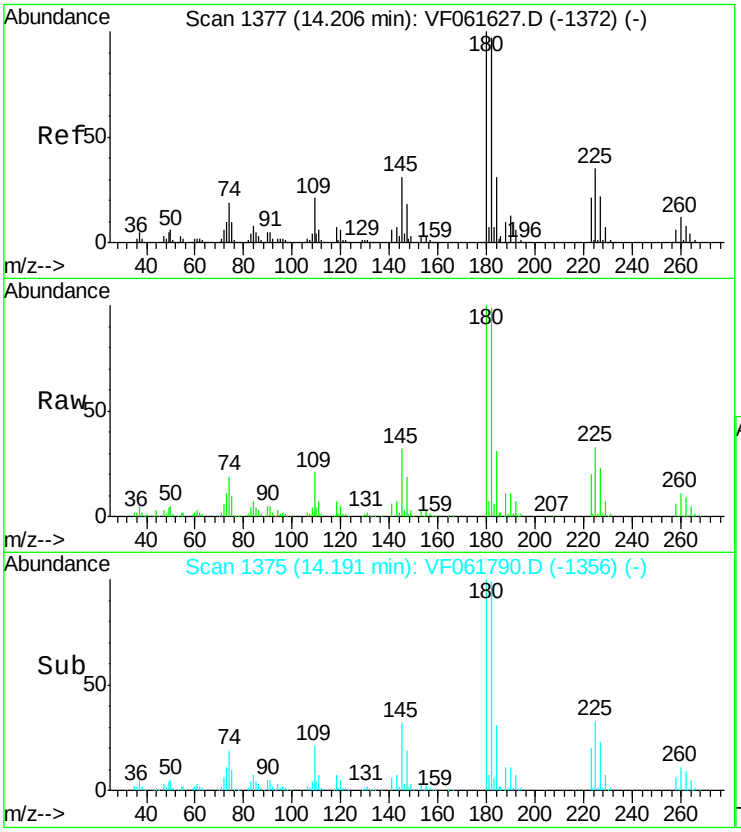


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.497 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion: 75 Resp: 9158

Ion	Ratio	Lower	Upper
75	100		
155	107.8	48.9	146.8
157	119.9	58.3	174.8

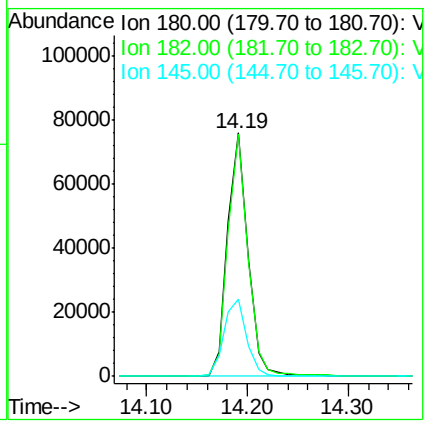




#93
1,2,4-Trichlorobenzene
Concen: 21.834 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:180 Resp: 107528

Ion	Ratio	Lower	Upper
180	100		
182	99.4	48.6	145.9
145	31.8	15.3	45.9



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

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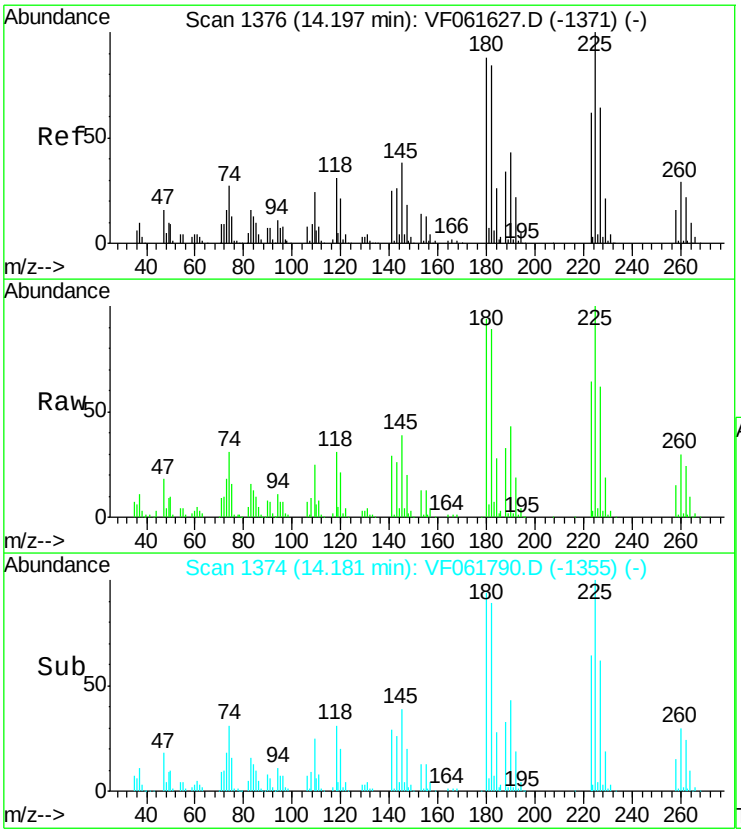
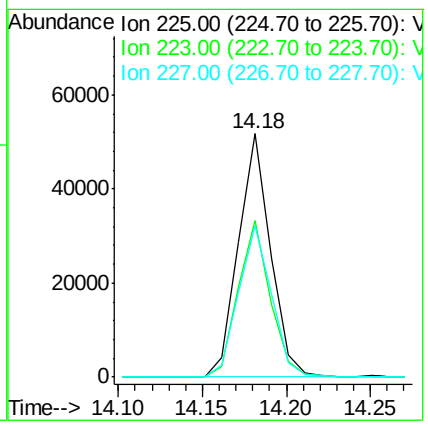
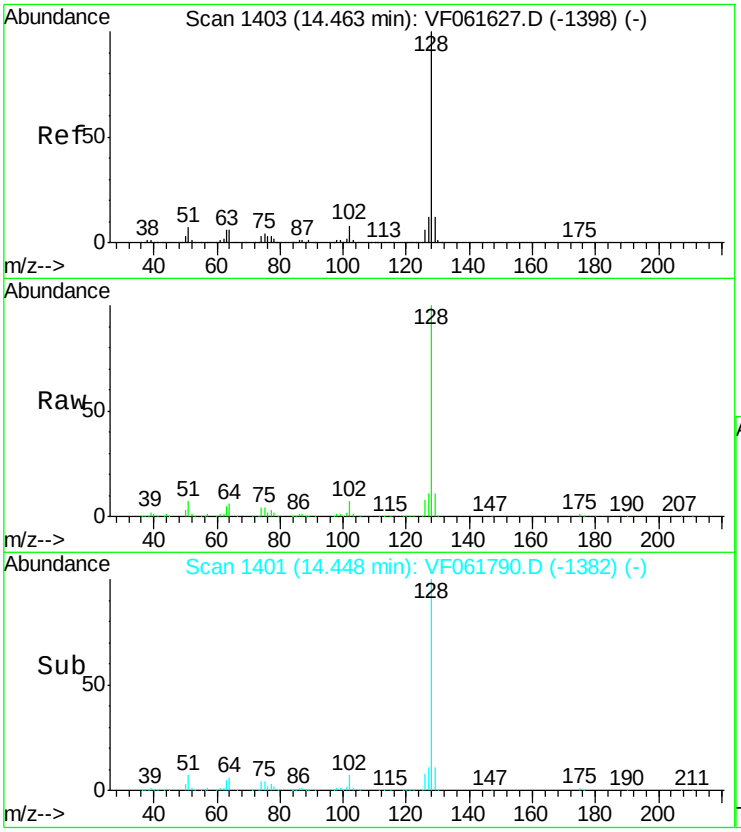


#94
Hexachlorobutadiene
Concen: 22.537 ug/l
RT: 14.18 min Scan# 1374
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:225 Resp: 68545

Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.9	92.7
227	61.9	32.1	96.3

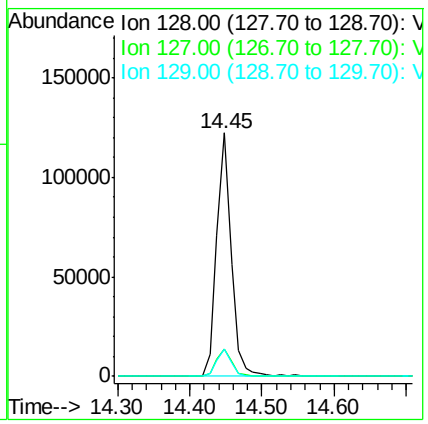




#95
Naphthalene
Concen: 19.610 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

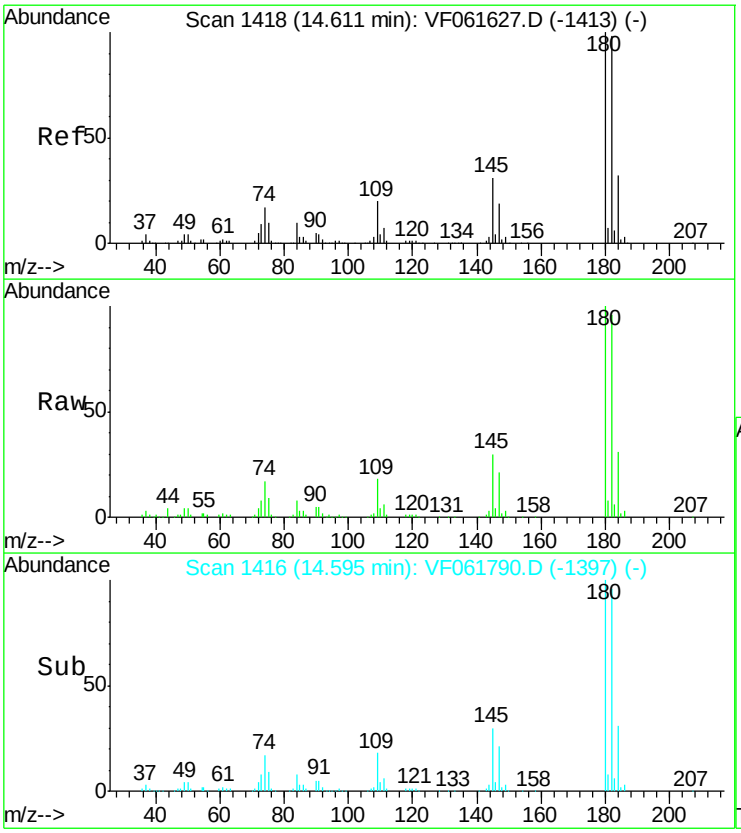
Tgt Ion:128 Resp: 168965

Ion	Ratio	Lower	Upper
128	100		
127	11.1	9.8	14.6
129	11.2	9.4	14.2



Instrument :
MSVOA_F
ClientSampleId :
VF0228SBSD01

Manual Integrations APPROVED
MMDadoda
3/2/2019 4:09:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.003 ug/l
RT: 14.60 min Scan# 1416
Delta R.T. -0.02 min
Lab File: VF061790.D
Acq: 28 Feb 2019 16:28

Tgt Ion:180 Resp: 94934

Ion	Ratio	Lower	Upper
180	100		
182	95.8	49.0	147.2
145	29.7	15.4	46.1