Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
Data File : VF061706.D
Acq On : 22 Feb 2019 13:51
Operator : VA/AP
Sample : VF0222SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 02:56:27 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 : VF0222SBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	339255	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	529040	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	425926	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	239372	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	127781	51.36	ug/l	-0.04
Spiked Amount 50.000			Recovery = 102.72%			
35) Dibromofluoromethane	4.08	113	187544	47.74	ug/l	-0.04
Spiked Amount 50.000			Recovery = 95.48%			
50) Toluene-d8	7.54	98	538742	47.70	ug/l	-0.03
Spiked Amount 50.000			Recovery = 95.40%			
62) 4-Bromofluorobenzene	11.40	95	203498	44.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 89.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	90768	23.298	ug/l	94
3) Chloromethane	1.09	50	93812	22.950	ug/l	94
4) Vinyl Chloride	1.14	62	84875	22.335	ug/l	92
5) Bromomethane	1.31	94	56276	21.517	ug/l	95
6) Chloroethane	1.39	64	43643	23.305	ug/l	100
7) Trichlorofluoromethane	1.47	101	105280	22.970	ug/l	96
8) Diethyl Ether	1.62	74	23987	20.767	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.84	101	72550	21.942	ug/l	94
10) Methyl Iodide	1.90	142	137003m	21.691	ug/l	
11) Tert butyl alcohol	2.56	59	12282	85.304	ug/l #	91
12) 1,1-Dichloroethene	1.79	96	63953m	21.999	ug/l	
13) Acrolein	1.99	56	17005	93.973	ug/l	96
14) Allyl chloride	2.08	41	75167	21.071	ug/l	98
15) Acrylonitrile	2.92	53	44529	87.193	ug/l	97
16) Acetone	2.22	43	55905	104.736	ug/l #	88
17) Carbon Disulfide	1.82	76	200302m	21.920	ug/l	
18) Methyl Acetate	2.33	43	24005	19.963	ug/l	92
19) Methyl tert-butyl Ether	2.42	73	107259	21.589	ug/l	95
20) Methylene Chloride	2.16	84	75134m	25.009	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	69605	22.025	ug/l	99
22) Diisopropyl ether	2.78	45	177247	20.699	ug/l	98
23) Vinyl Acetate	3.17	43	394567	94.339	ug/l	99
24) 1,1-Dichloroethane	2.85	63	112116	21.635	ug/l	99
25) 2-Butanone	4.32	43	114973	98.611	ug/l	96
26) 2,2-Dichloropropane	3.57	77	55099	25.102	ug/l	97
27) cis-1,2-Dichloroethene	3.45	96	89946	21.684	ug/l	96
28) Bromochloromethane	3.69	49	54454	21.901	ug/l	90
29) Tetrahydrofuran	4.04	42	46918	88.537	ug/l	99
30) Chloroform	3.84	83	130810	22.197	ug/l	93
31) Cyclohexane	3.67	56	125377m	22.350	ug/l	
32) 1,1,1-Trichloroethane	4.06	97	75608	19.586	ug/l	94
36) 1,1-Dichloropropene	4.25	75	110960	21.172	ug/l	93
37) Ethyl Acetate	4.09	43	40501	16.638	ug/l #	96
38) Carbon Tetrachloride	3.97	117	74850	20.684	ug/l	91

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022219\
Data File : VF061706.D
Acq On : 22 Feb 2019 13:51
Operator : VA/AP
Sample : VF0222SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 02:56:27 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 : VF0222SBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	5.43	83	135412	21.847 ug/l		99
40) Benzene	4.61	78	290485	21.191 ug/l		99
41) Methacrylonitrile	4.72	41	19865	15.958 ug/l	#	91
42) 1,2-Dichloroethane	4.92	62	65018	19.828 ug/l		89
43) Isopropyl Acetate	6.94	43	46971	16.302 ug/l	#	93
44) Trichloroethene	5.48	130	92527	20.873 ug/l		94
45) 1,2-Dichloropropane	6.21	63	70479	21.270 ug/l		93
46) Dibromomethane	6.07	93	39460	19.342 ug/l		96
47) Bromodichloromethane	6.36	83	87796	19.651 ug/l		98
48) Methyl methacrylate	6.70	41	26691	15.393 ug/l	#	87
49) 1,4-Dioxane	6.69	88	4710	288.954 ug/l	#	79
51) 4-Methyl-2-Pentanone	8.25	43	163809	79.565 ug/l		95
52) Toluene	7.60	92	167000	20.087 ug/l		98
53) t-1,3-Dichloropropene	8.25	75	68029	18.296 ug/l		95
54) cis-1,3-Dichloropropene	7.28	75	96439	19.472 ug/l		98
55) 1,1,2-Trichloroethane	8.47	97	43031	17.616 ug/l		93
56) Ethyl methacrylate	8.60	69	47966	17.637 ug/l		92
57) 1,3-Dichloropropane	8.83	76	69708	17.097 ug/l		94
58) 2-Chloroethyl Vinyl ether	7.28	63	33704	71.830 ug/l		98
59) 2-Hexanone	9.48	43	125458	86.932 ug/l		96
60) Dibromochloromethane	8.70	129	62757	18.459 ug/l		100
61) 1,2-Dibromoethane	8.96	107	47251	17.835 ug/l		100
64) Tetrachloroethene	8.14	164	77046	22.130 ug/l		96
65) Chlorobenzene	9.77	112	180226	20.852 ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.91	131	72256	21.335 ug/l		94
67) Ethyl Benzene	9.88	91	304322	21.173 ug/l		98
68) m/p-Xylenes	10.11	106	245796	44.683 ug/l		95
69) o-Xylene	10.70	106	127624	21.743 ug/l		97
70) Styrene	10.77	104	172972	20.831 ug/l		99
71) Bromoform	10.76	173	35096	19.083 ug/l		99
73) Isopropylbenzene	11.10	105	374550	21.977 ug/l		97
74) N-amyl acetate	11.36	43	77216	18.876 ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.68	83	55782	18.270 ug/l		98
76) 1,2,3-Trichloropropane	11.78	75	36380	17.525 ug/l		99
77) Bromobenzene	11.48	156	84595	20.092 ug/l		93
78) n-propylbenzene	11.58	91	420219	21.487 ug/l		97
79) 2-Chlorotoluene	11.71	91	241112	22.013 ug/l		95
80) 1,3,5-Trimethylbenzene	11.81	105	300201	22.039 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.85	75	16878m	16.959 ug/l		
82) 4-Chlorotoluene	11.88	91	238280	20.960 ug/l		98
83) tert-Butylbenzene	12.12	119	317645	21.054 ug/l		98
84) 1,2,4-Trimethylbenzene	12.19	105	301873	22.307 ug/l		97
85) sec-Butylbenzene	12.29	105	428968	21.987 ug/l		94
86) p-Isopropyltoluene	12.45	119	367213	22.427 ug/l		98
87) 1,3-Dichlorobenzene	12.47	146	167920	20.458 ug/l		96
88) 1,4-Dichlorobenzene	12.55	146	164361	20.821 ug/l		98
89) n-Butylbenzene	12.83	91	357912	23.149 ug/l		97
90) Hexachloroethane	12.90	117	85260	22.389 ug/l		87
91) 1,2-Dichlorobenzene	12.93	146	162843	20.858 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.63	75	7748	16.005 ug/l		85

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022219\
Data File : VF061706.D
Acq On : 22 Feb 2019 13:51
Operator : VA/AP
Sample : VF0222SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
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2/27/2019 5:40:48 PM

Quant Time: Feb 23 02:56:27 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	117512	20.999	ug/l	99
94) Hexachlorobutadiene	14.18	225	78240	22.638	ug/l	96
95) Naphthalene	14.45	128	173048	17.674	ug/l	98
96) 1,2,3-Trichlorobenzene	14.59	180	103098	20.072	ug/l	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022219\
Data File : VF061706.D
Acq On : 22 Feb 2019 13:51
Operator : VA/AP
Sample : VF0222SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 02:56:27 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 :
VF0222SBS01

Manual Integrations APPROVED
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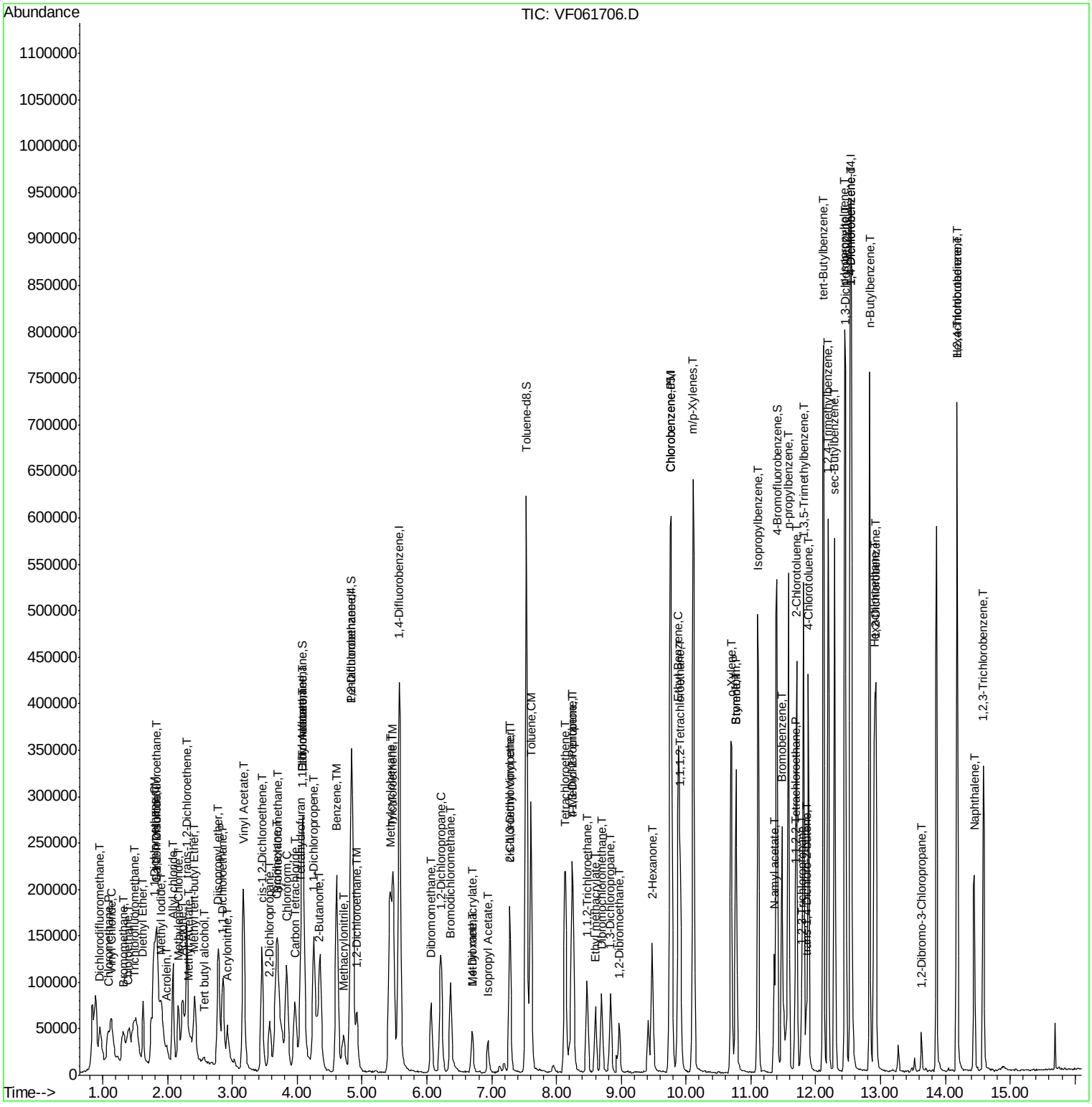
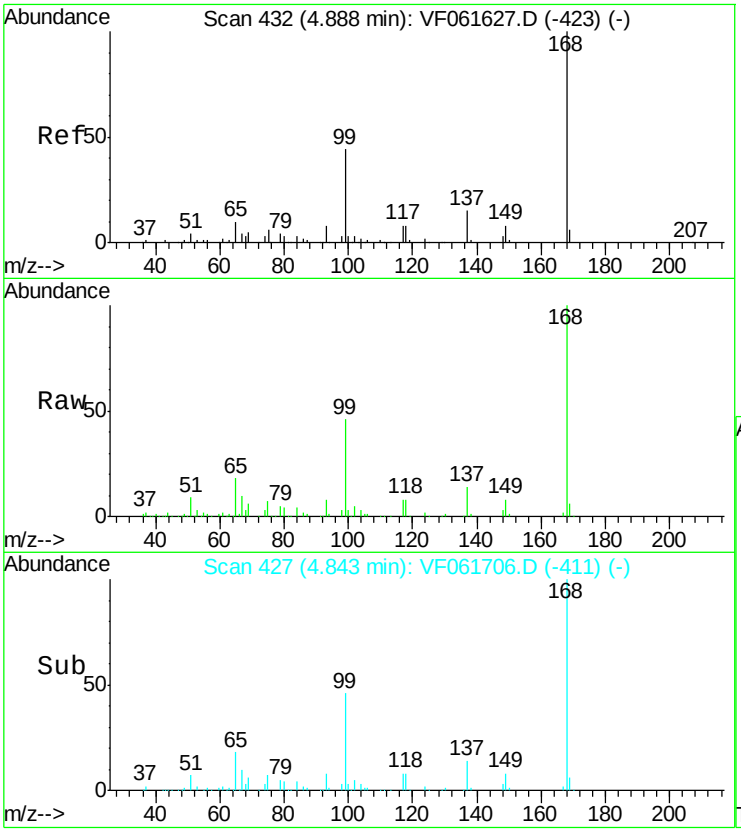
2/27/2019 5:40:48 PM

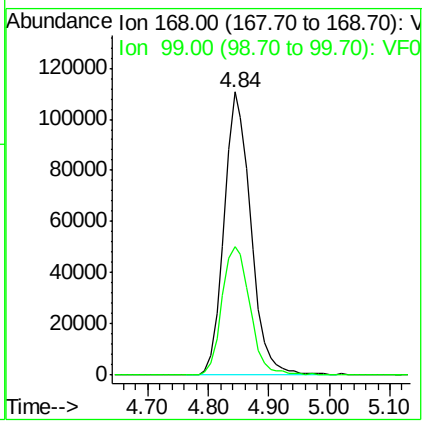




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:168 Resp: 339255

Ion	Ratio	Lower	Upper
168	100		
99	45.5	34.9	52.3



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
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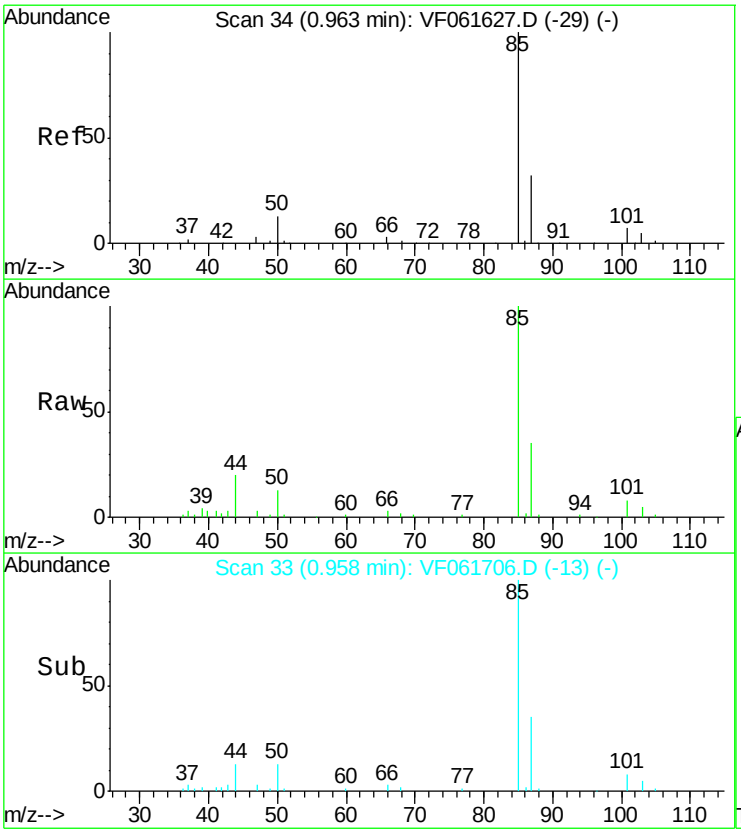
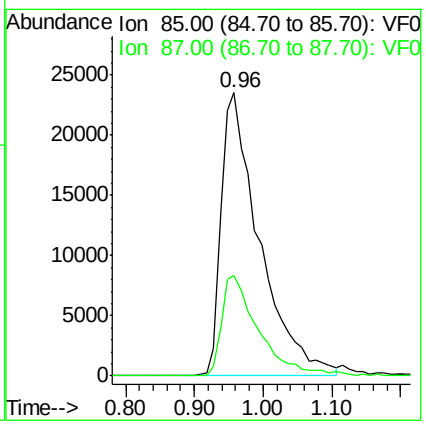
2/27/2019 5:40:48 PM

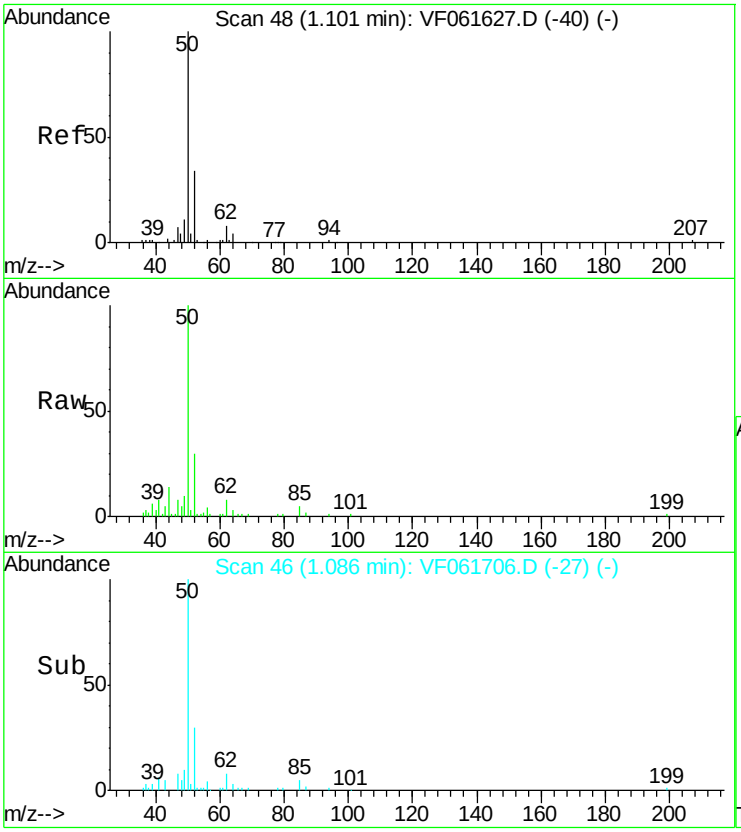


#2
Dichlorodifluoromethane
Concen: 23.298 ug/l
RT: 0.96 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 85 Resp: 90768

Ion	Ratio	Lower	Upper
85	100		
87	35.3	16.1	48.2

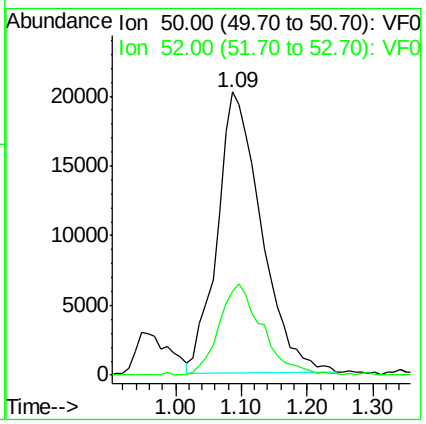




#3
Chloromethane
Concen: 22.950 ug/l
RT: 1.09 min Scan# 46
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 50 Resp: 93812

Ion	Ratio	Lower	Upper
50	100		
52	29.6	26.2	39.4



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
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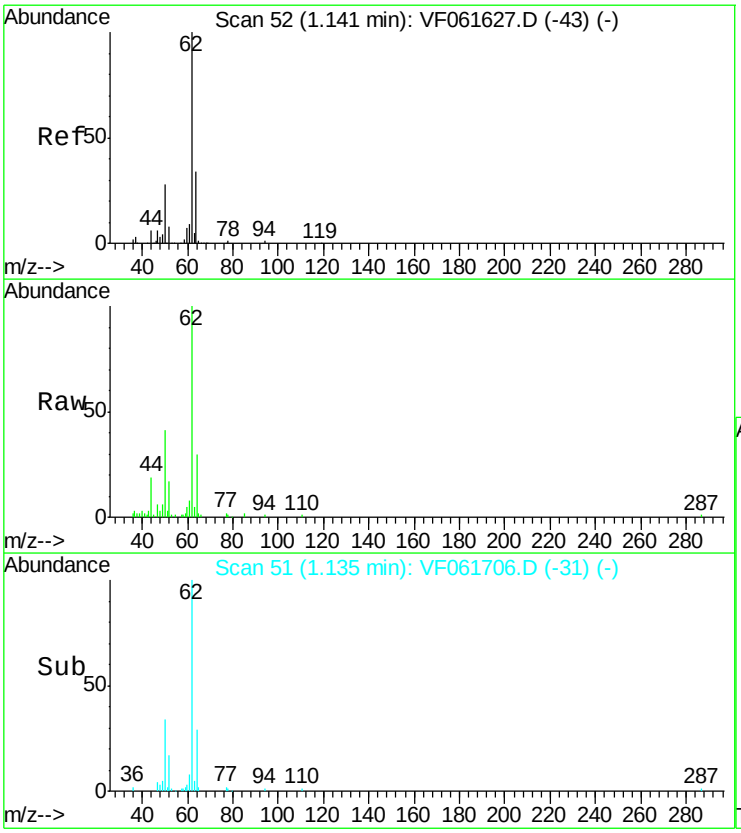
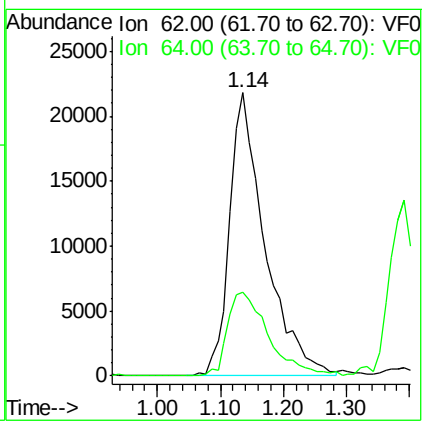
2/27/2019 5:40:48 PM

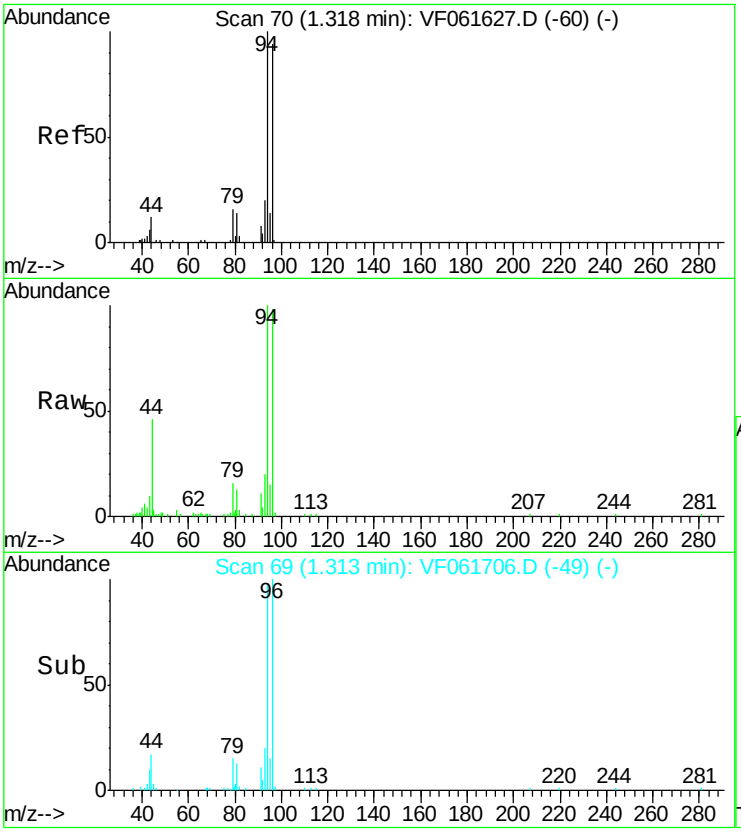


#4
Vinyl Chloride
Concen: 22.335 ug/l
RT: 1.14 min Scan# 51
Delta R.T. -0.01 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 62 Resp: 84875

Ion	Ratio	Lower	Upper
62	100		
64	29.8	27.5	41.3

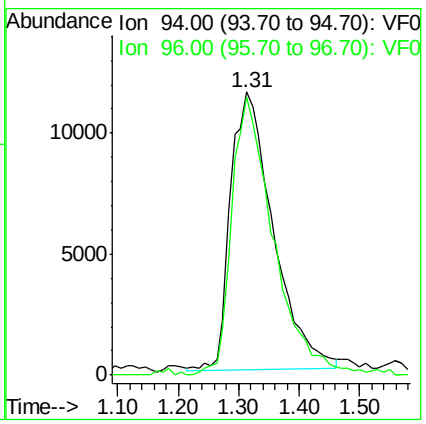




#5
Bromomethane
Concen: 21.517 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.01 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 94 Resp: 56276

Ion	Ratio	Lower	Upper
94	100		
96	98.3	74.6	112.0



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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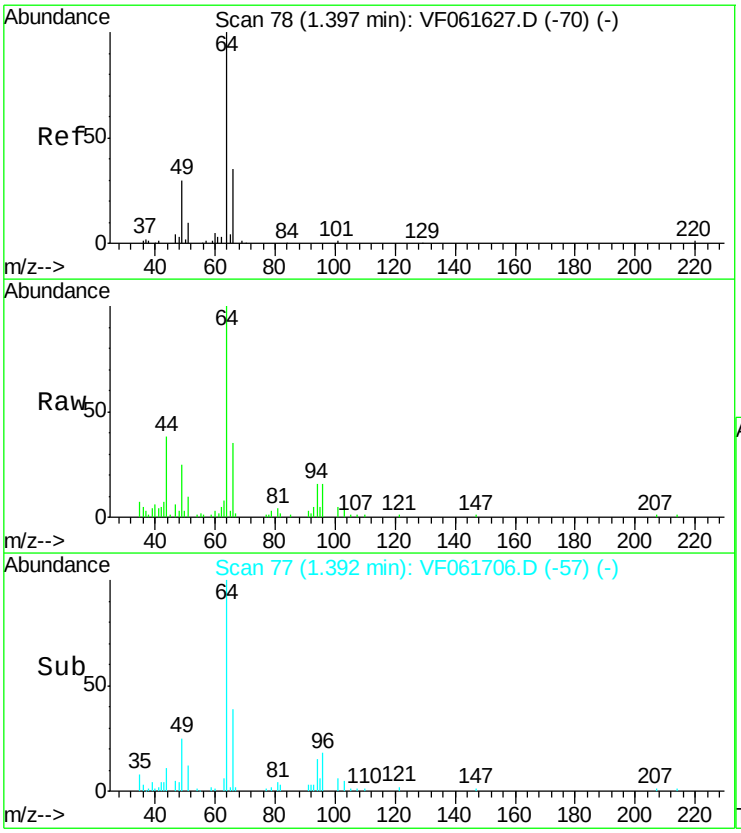
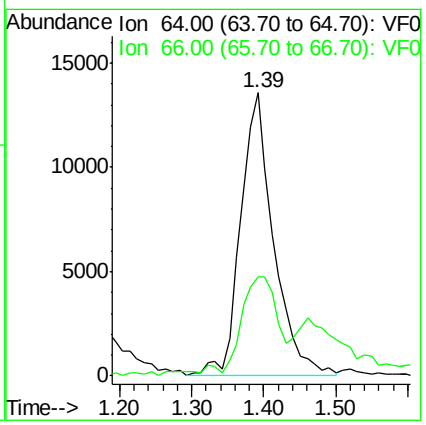
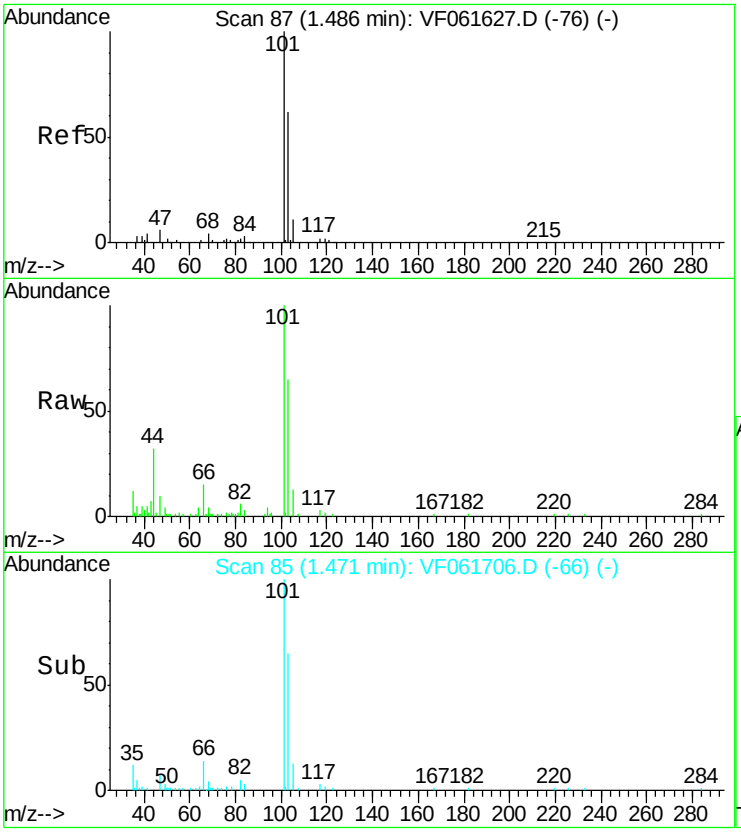


#6
Chloroethane
Concen: 23.305 ug/l
RT: 1.39 min Scan# 77
Delta R.T. -0.01 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 64 Resp: 43643

Ion	Ratio	Lower	Upper
64	100		
66	35.0	27.9	41.9

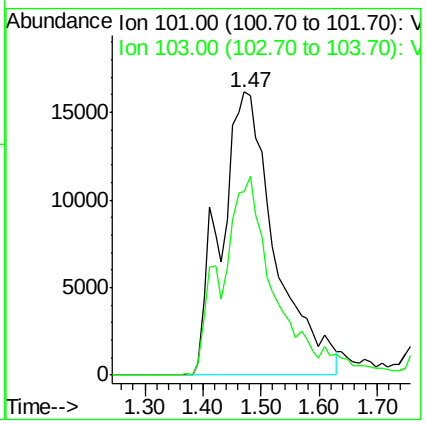




#7
Trichlorofluoromethane
Concen: 22.970 ug/l
RT: 1.47 min Scan# 85
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

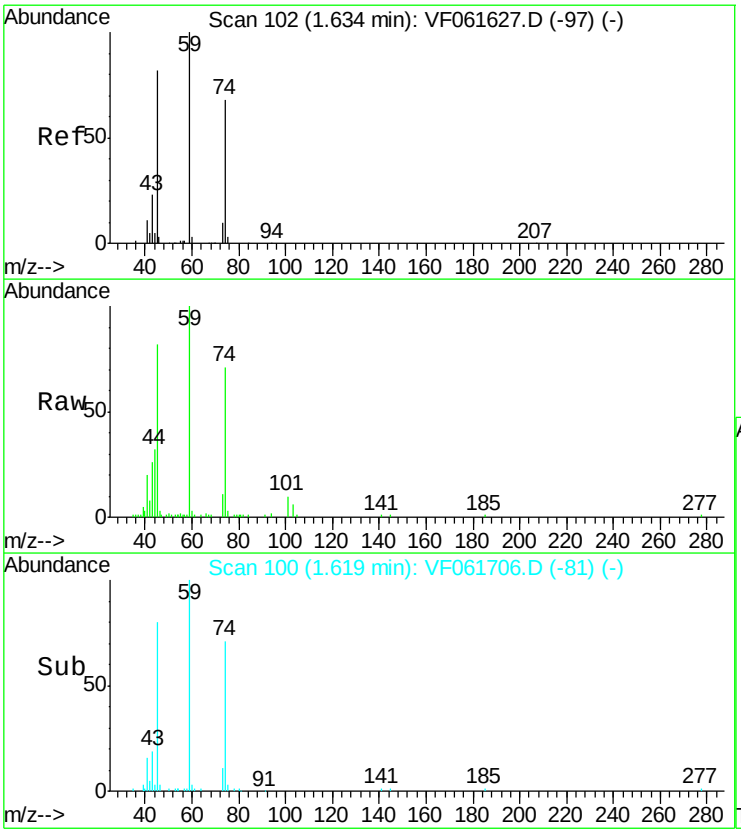
Tgt Ion:101 Resp: 105280

Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.3	73.9



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

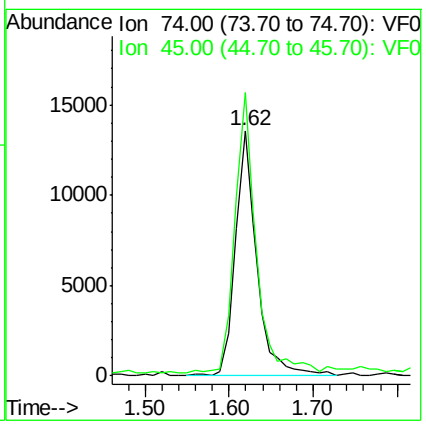
Manual Integrations APPROVED
MMDadoda
2/27/2019 5:40:48 PM

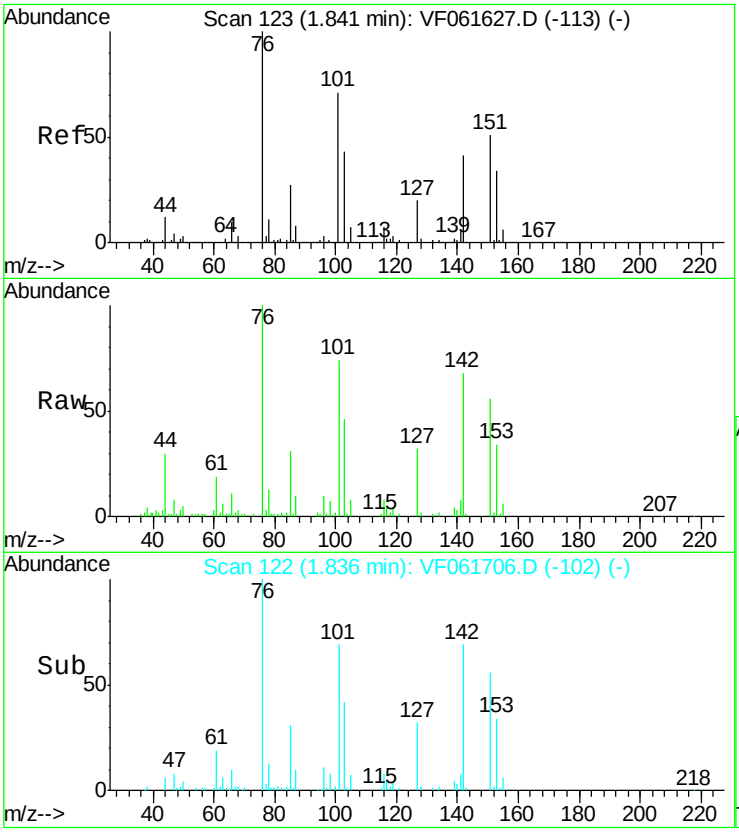


#8
Diethyl Ether
Concen: 20.767 ug/l
RT: 1.62 min Scan# 100
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 74 Resp: 23987

Ion	Ratio	Lower	Upper
74	100		
45	115.4	60.8	182.3

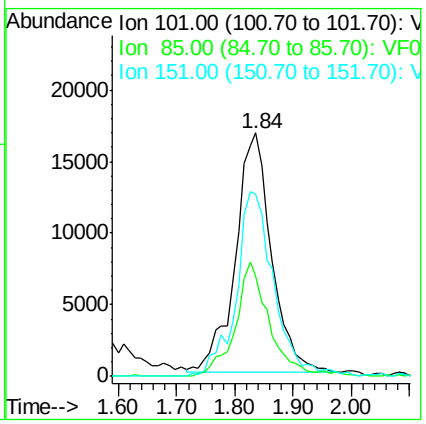




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.942 ug/l
RT: 1.84 min Scan# 122
Delta R.T. -0.01 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:101 Resp: 72550

Ion	Ratio	Lower	Upper
101	100		
85	41.2	29.8	44.6
151	74.9	56.3	84.5



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
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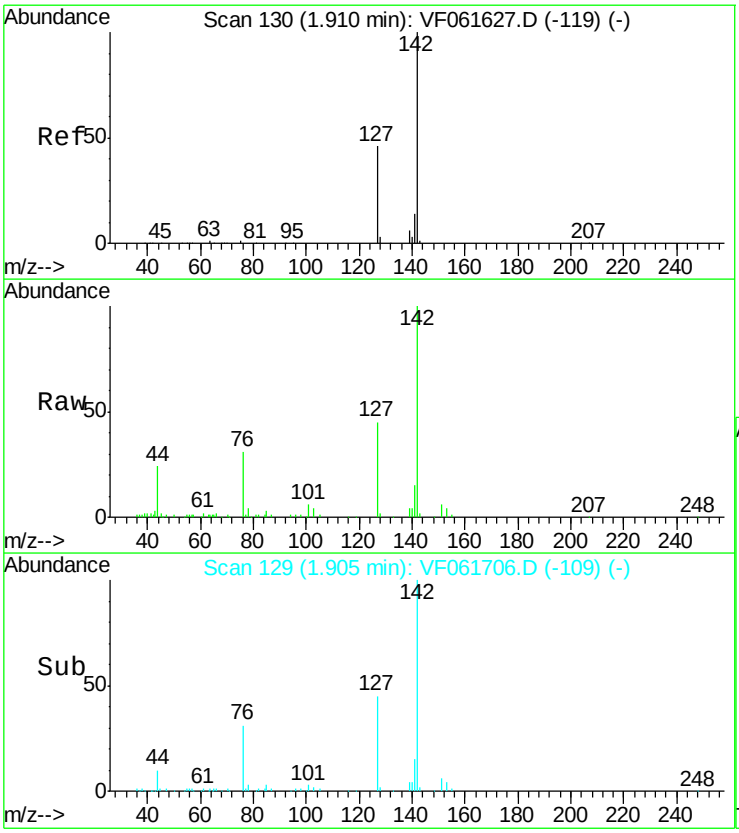
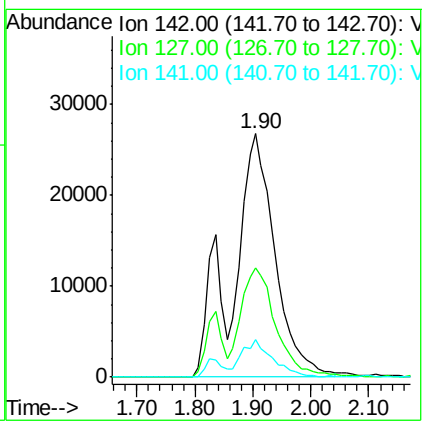
2/27/2019 5:40:48 PM

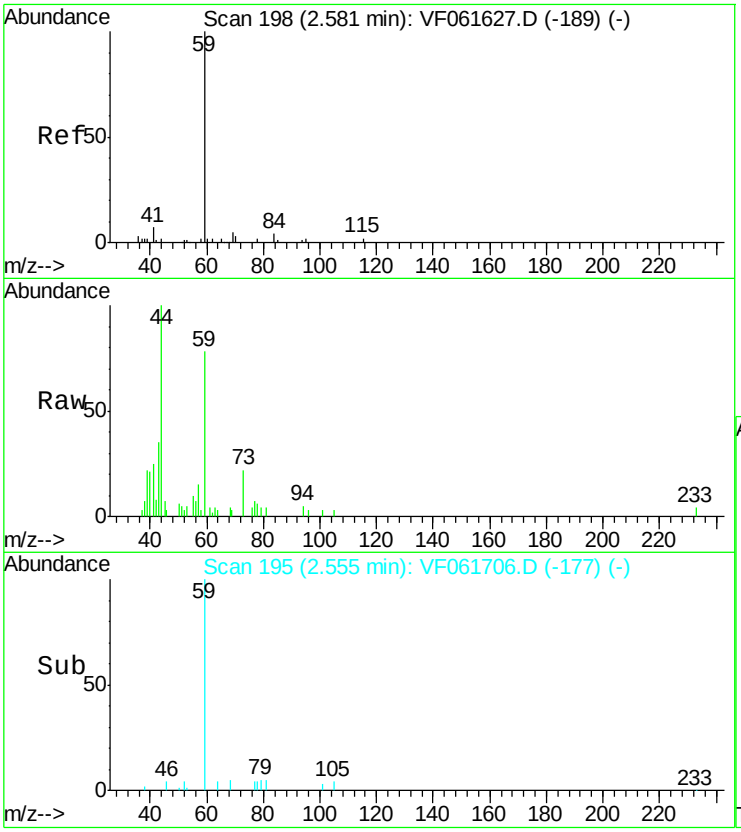


#10
Methyl Iodide
Concen: 21.691 ug/l m
RT: 1.90 min Scan# 129
Delta R.T. -0.01 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:142 Resp: 137003

Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.6	55.0
141	15.3	11.0	16.6

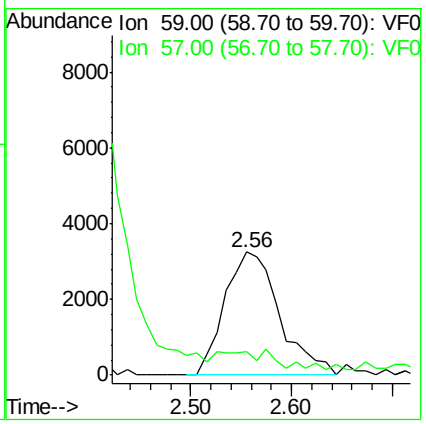




#11
Tert butyl alcohol
Concen: 85.304 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 59 Resp: 12282

Ion	Ratio	Lower	Upper
59	100		
57	19.5	12.5	18.7#



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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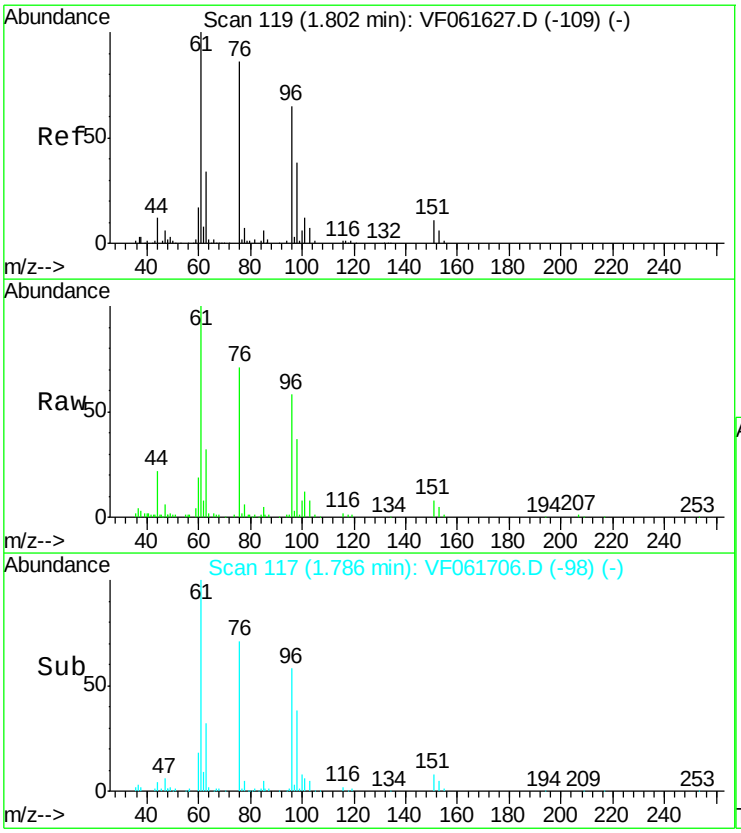
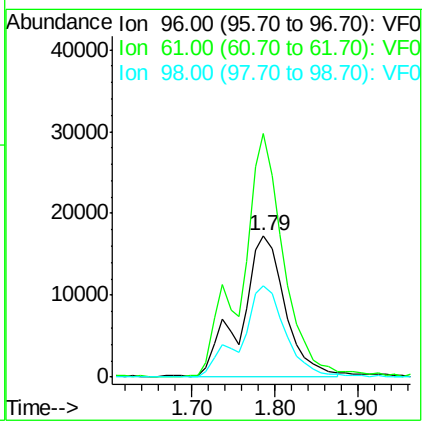
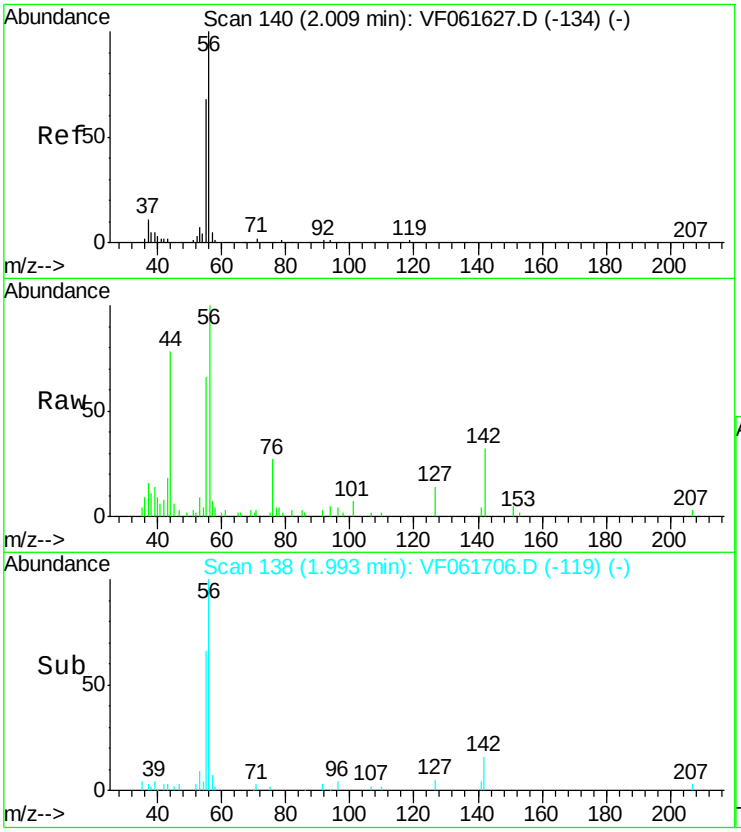


#12
1,1-Dichloroethene
Concen: 21.999 ug/l m
RT: 1.79 min Scan# 117
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 96 Resp: 63953

Ion	Ratio	Lower	Upper
96	100		
61	171.9	122.6	184.0
98	64.1	47.2	70.8

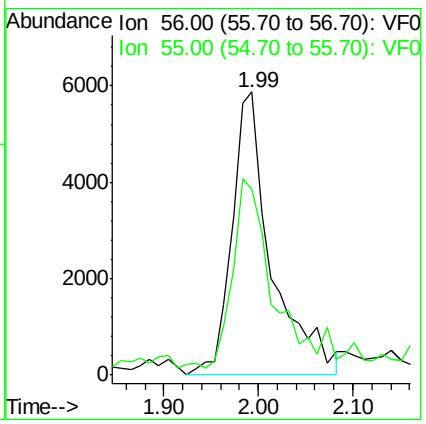




#13
Acrolein
Concen: 93.973 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 56 Resp: 17005

Ion	Ratio	Lower	Upper
56	100		
55	65.9	55.0	82.6



Instrument :
MSVOA_F
ClientSampleId :
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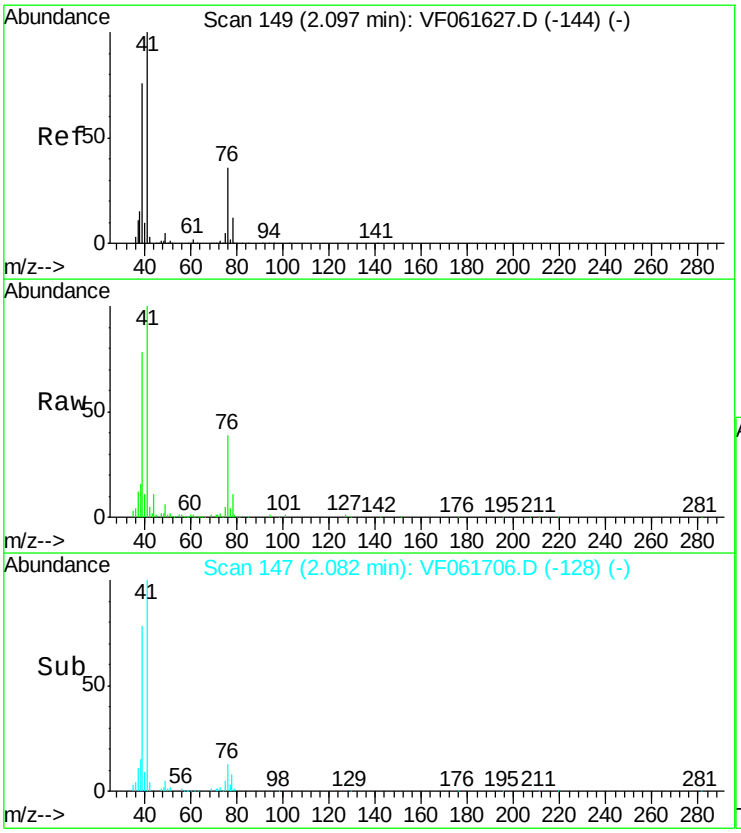
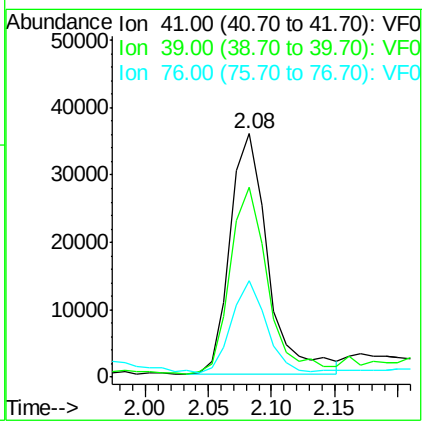
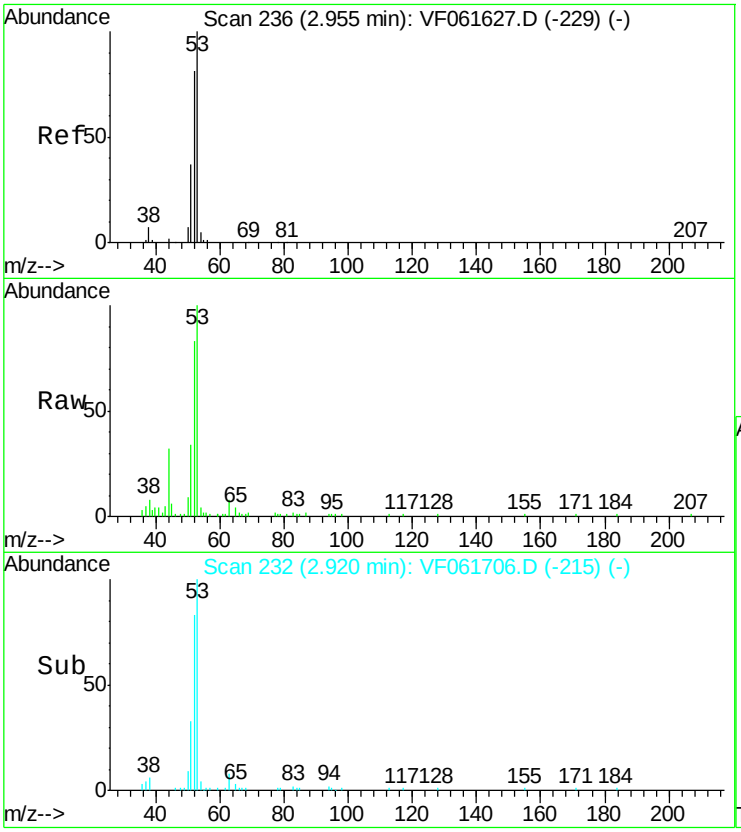


#14
Allyl chloride
Concen: 21.071 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 41 Resp: 75167

Ion	Ratio	Lower	Upper
41	100		
39	78.0	61.6	92.4
76	39.4	30.3	45.5

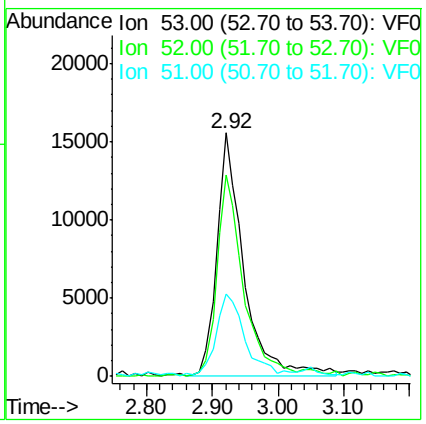




#15
Acrylonitrile
Concen: 87.193 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 53 Resp: 44529

Ion	Ratio	Lower	Upper
53	100		
52	82.7	64.6	97.0
51	33.7	29.8	44.8



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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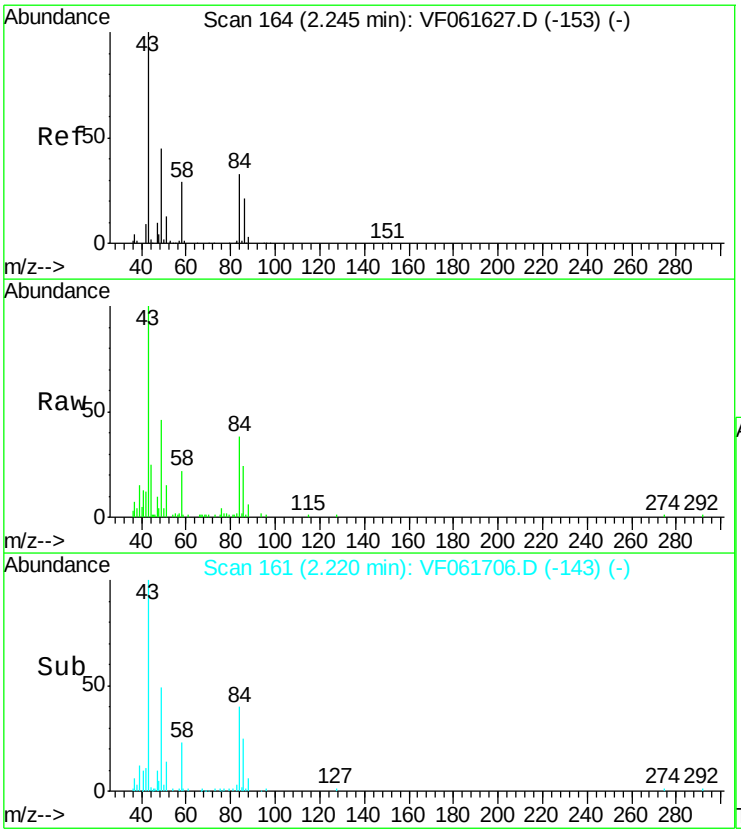
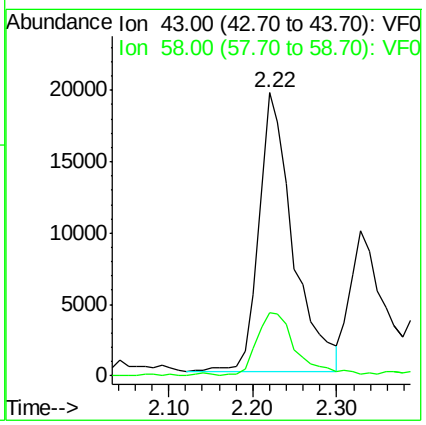
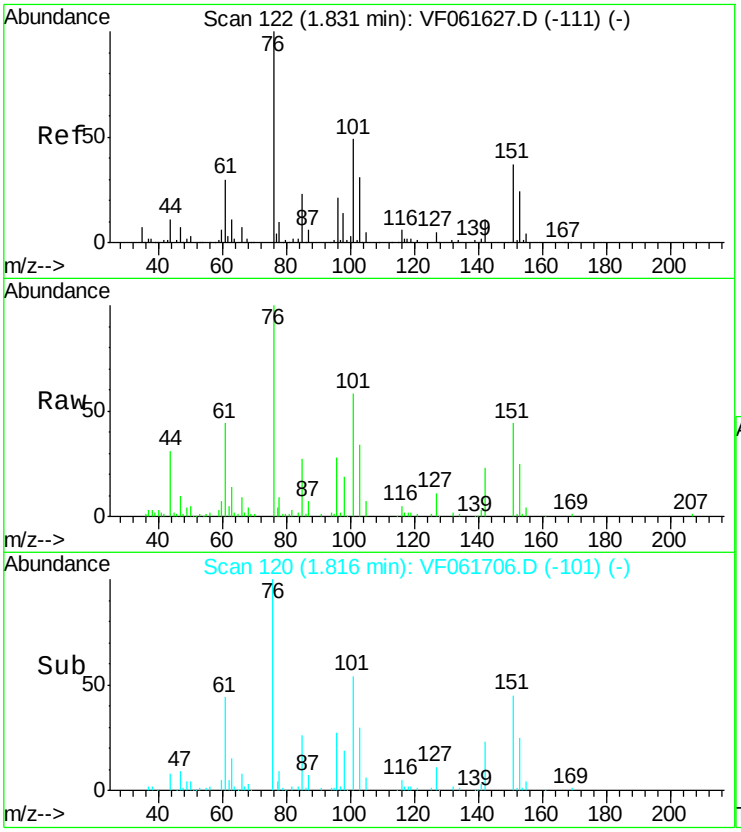


#16
Acetone
Concen: 104.736 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 55905

Ion	Ratio	Lower	Upper
43	100		
58	22.2	22.9	34.3#

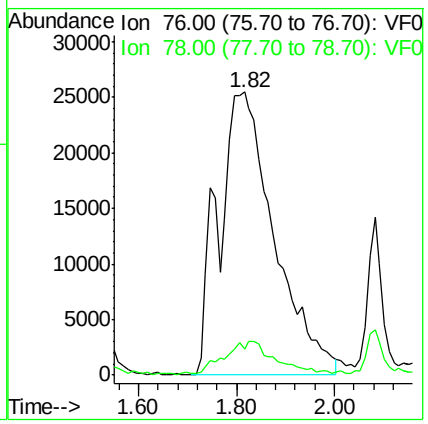




#17
Carbon Disulfide
Concen: 21.920 ug/l m
RT: 1.82 min Scan# 120
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 76 Resp: 200302

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.9	11.9



Instrument :
MSVOA_F
ClientSampleId :
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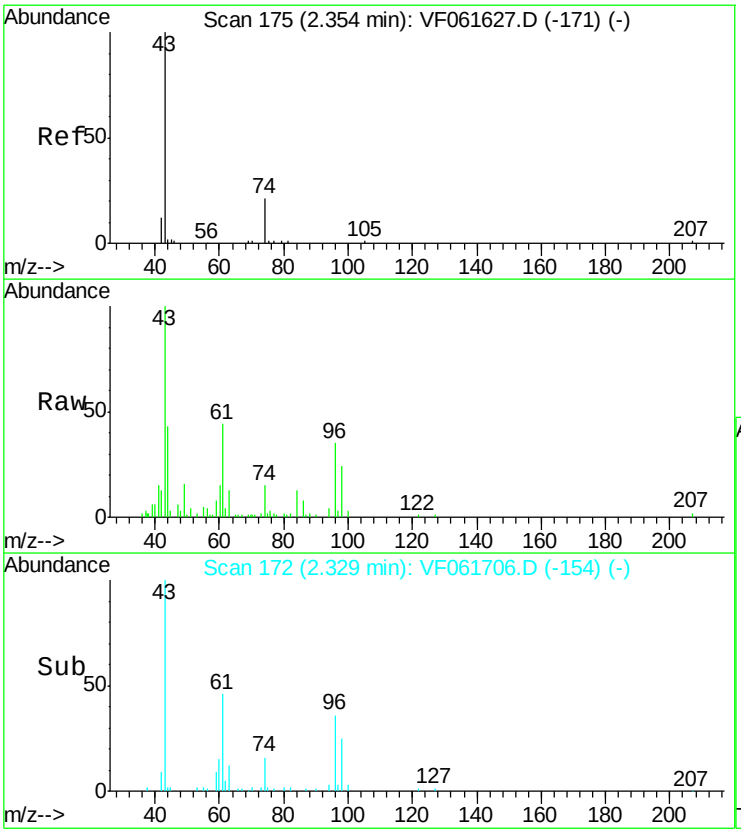
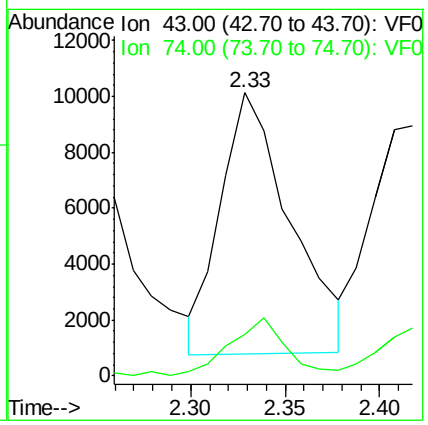
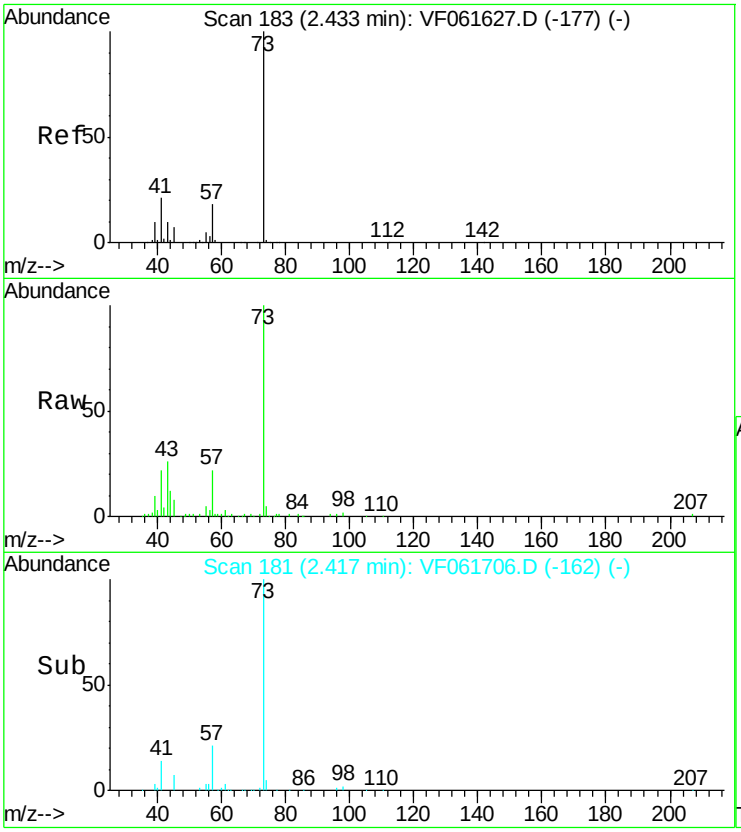


#18
Methyl Acetate
Concen: 19.963 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 24005

Ion	Ratio	Lower	Upper
43	100		
74	14.8	14.6	21.8

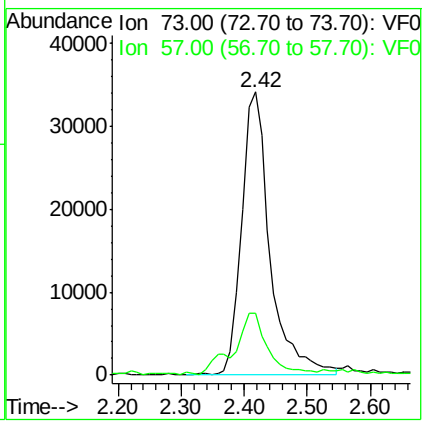




#19
Methyl tert-butyl Ether
Concen: 21.589 ug/l
RT: 2.42 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 73 Resp: 107259

Ion	Ratio	Lower	Upper
73	100		
57	21.9	15.8	23.8



Instrument :
MSVOA_F
ClientSampleId :
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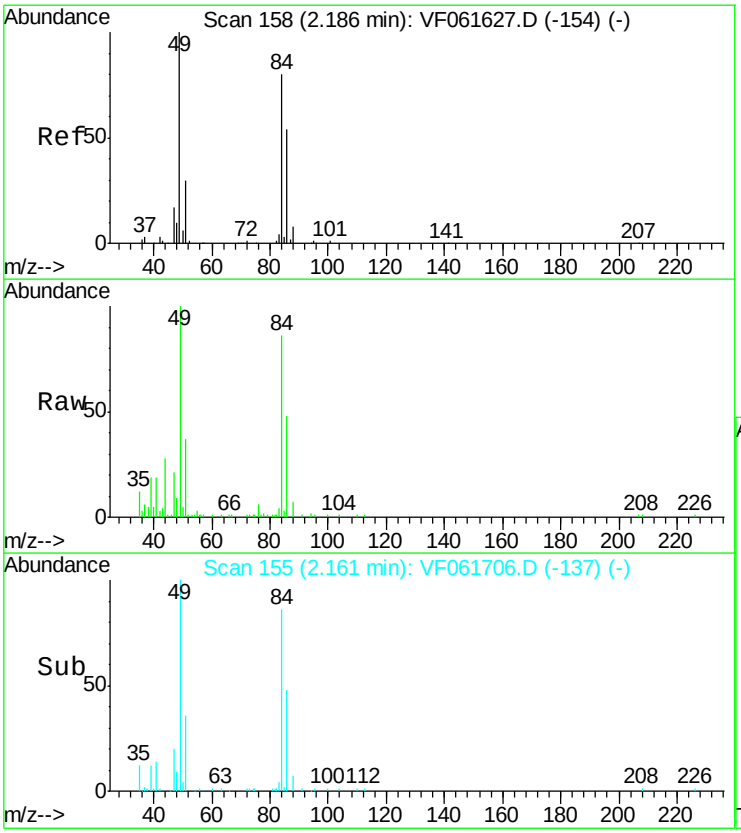
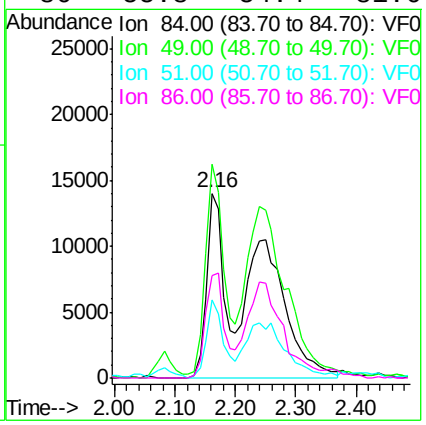
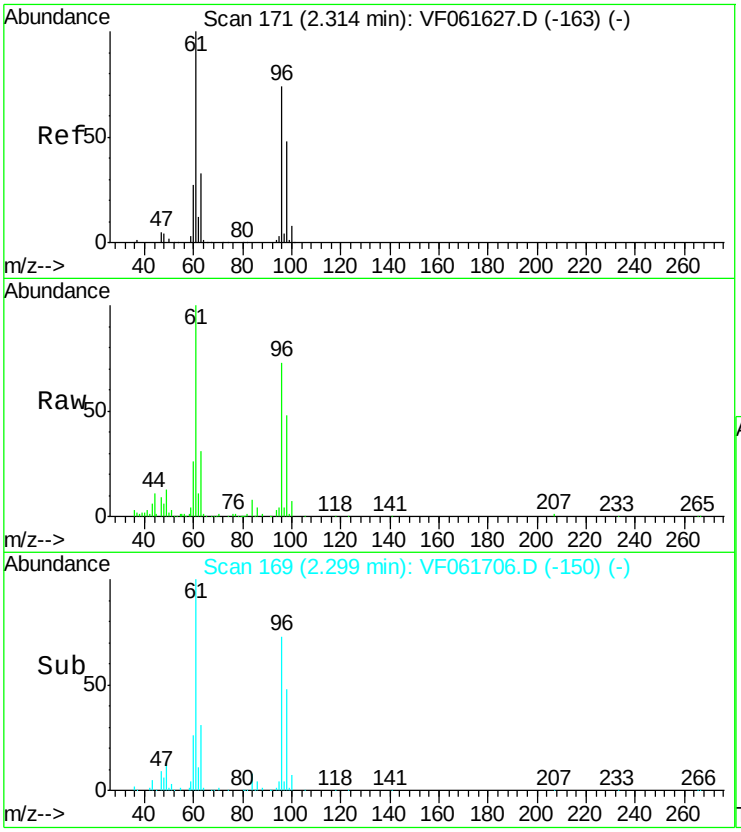


#20
Methylene Chloride
Concen: 25.009 ug/l m
RT: 2.16 min Scan# 155
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 84 Resp: 75134

Ion	Ratio	Lower	Upper
84	100		
49	115.8	101.8	152.8
51	42.4	31.1	46.7
86	55.8	54.4	81.6

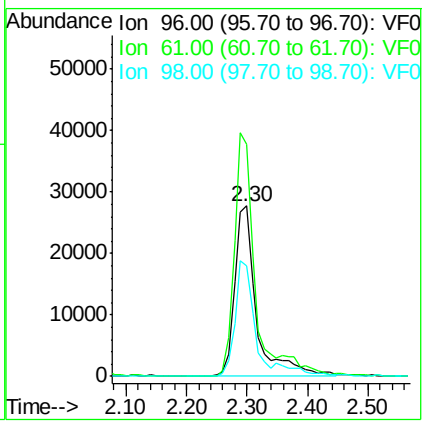




#21
trans-1,2-Dichloroethene
Concen: 22.025 ug/l
RT: 2.30 min Scan# 169
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 96 Resp: 69605

Ion	Ratio	Lower	Upper
96	100		
61	136.3	108.2	162.4
98	64.8	52.2	78.2



Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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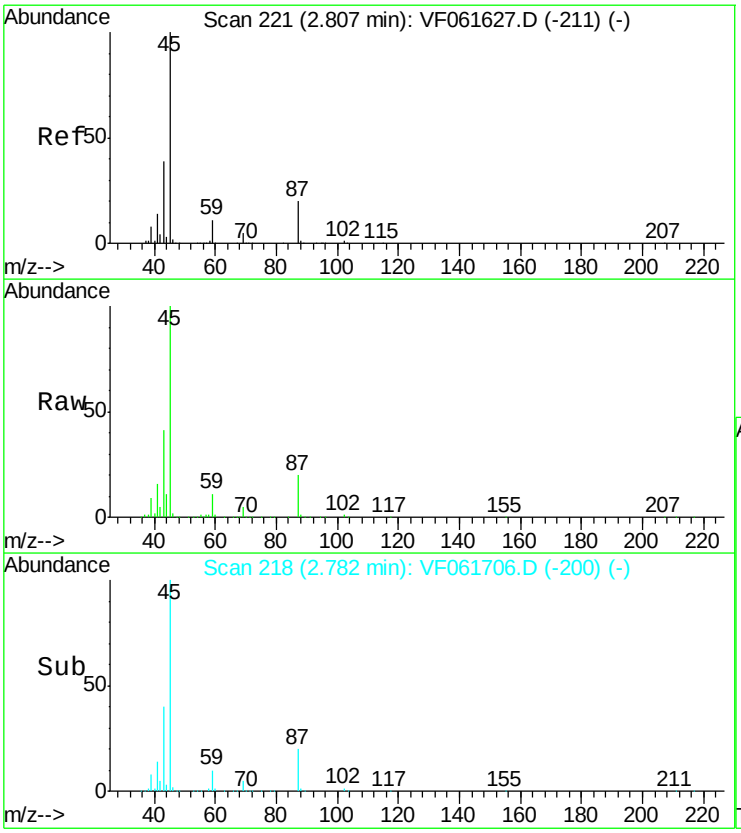
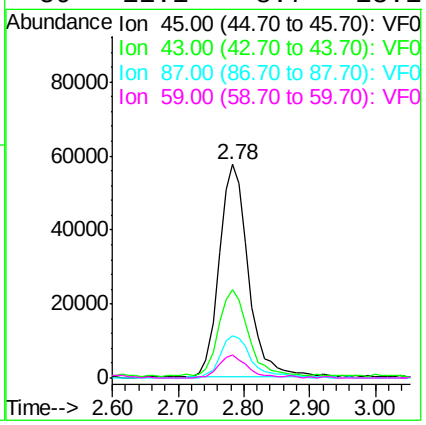
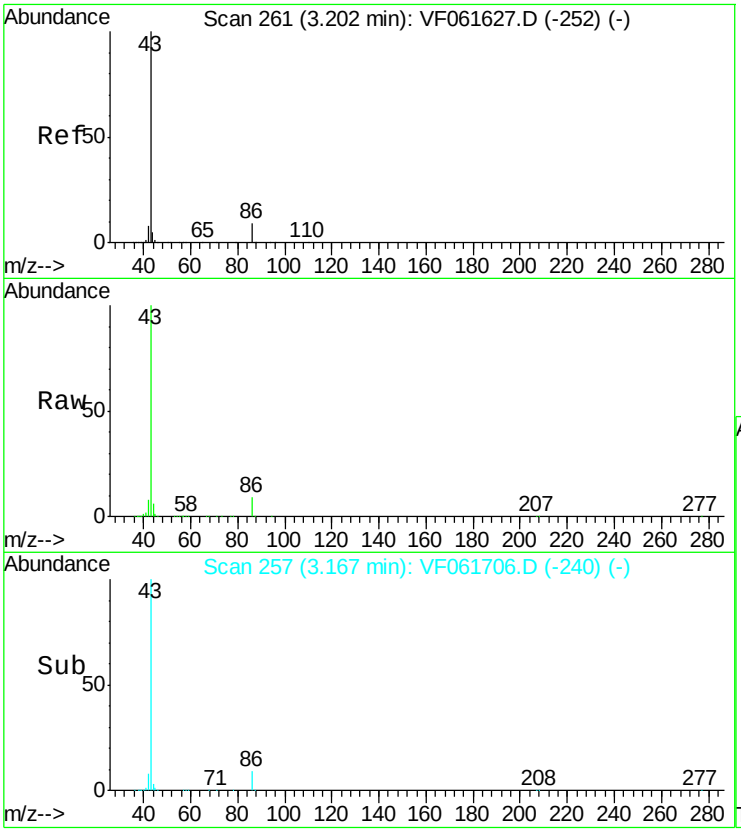


#22
Diisopropyl ether
Concen: 20.699 ug/l
RT: 2.78 min Scan# 218
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 45 Resp: 177247

Ion	Ratio	Lower	Upper
45	100		
43	41.4	31.4	47.2
87	19.6	16.3	24.5
59	11.1	8.7	13.1





#23
Vinyl Acetate
Concen: 94.339 ug/l
RT: 3.17 min Scan# 257
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 394567

Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.5	11.3

Instrument :
MSVOA_F
ClientSampleId :
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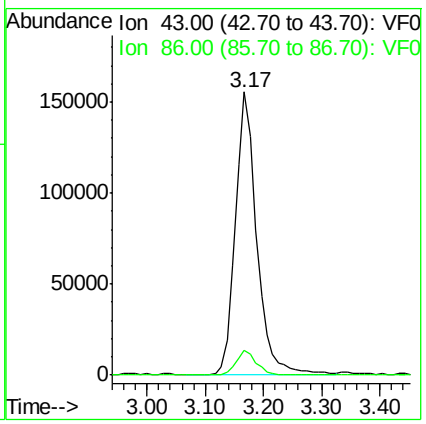
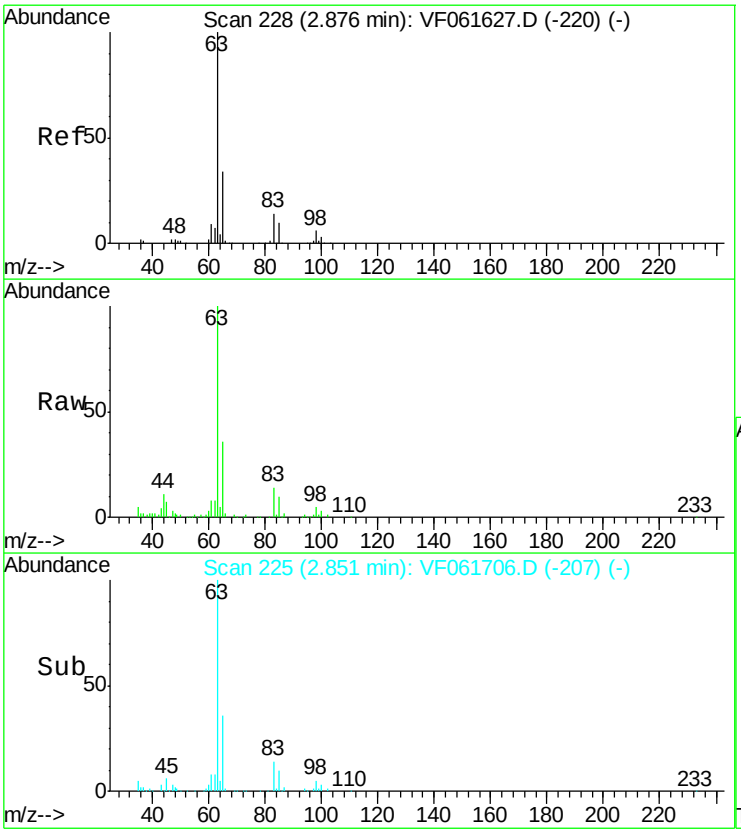
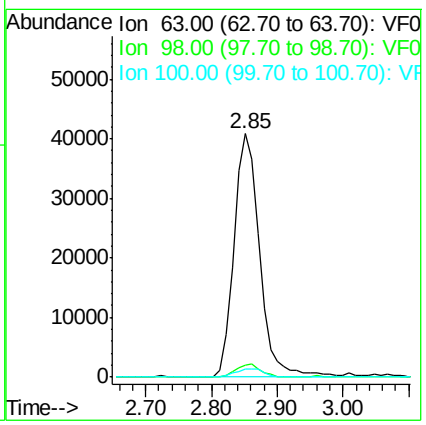


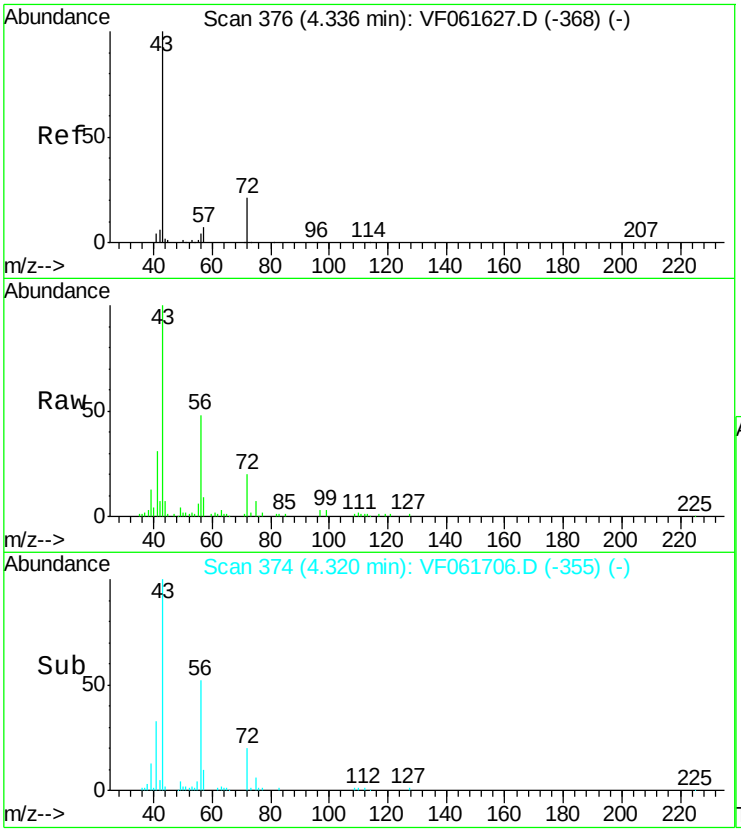


#24
1,1-Dichloroethane
Concen: 21.635 ug/l
RT: 2.85 min Scan# 225
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 63 Resp: 112116

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.8	8.3
100	3.3	1.8	5.4

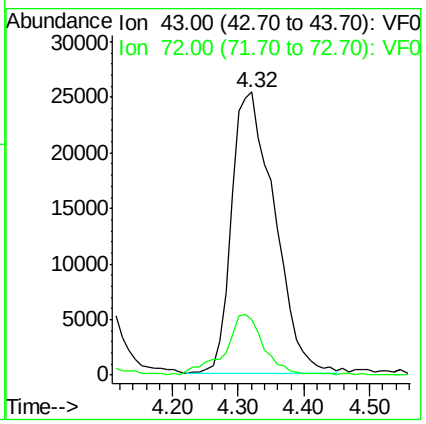




#25
2-Butanone
Concen: 98.611 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 114973

Ion	Ratio	Lower	Upper
43	100		
72	19.7	17.1	25.7



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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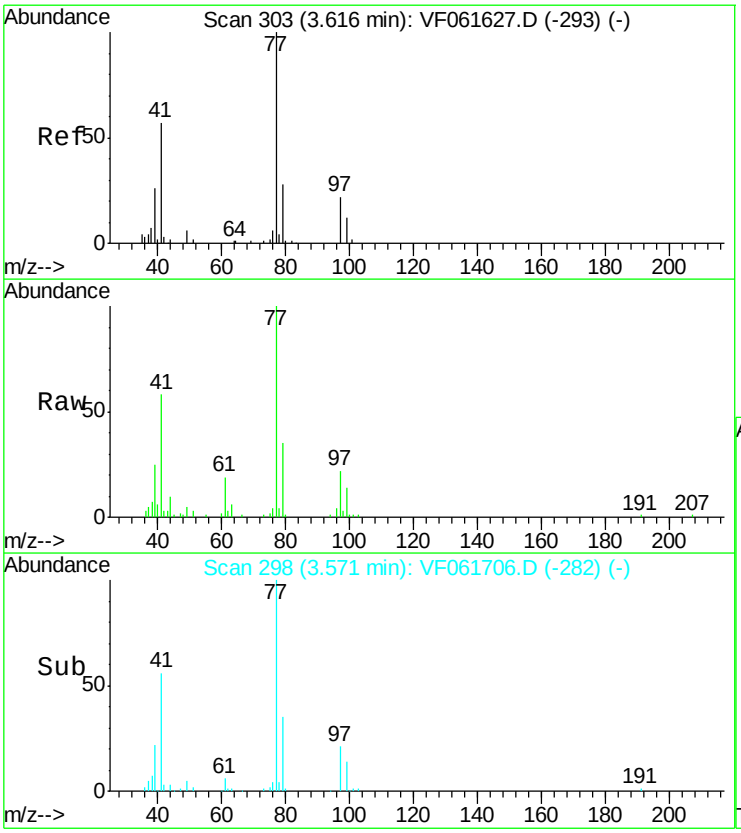
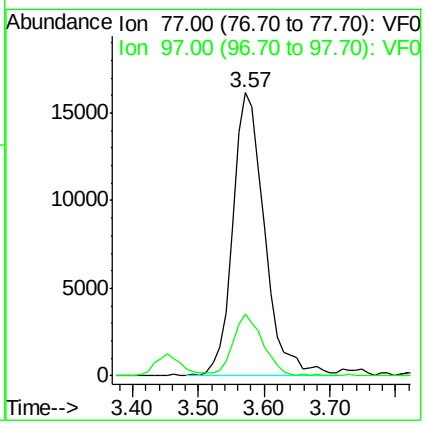
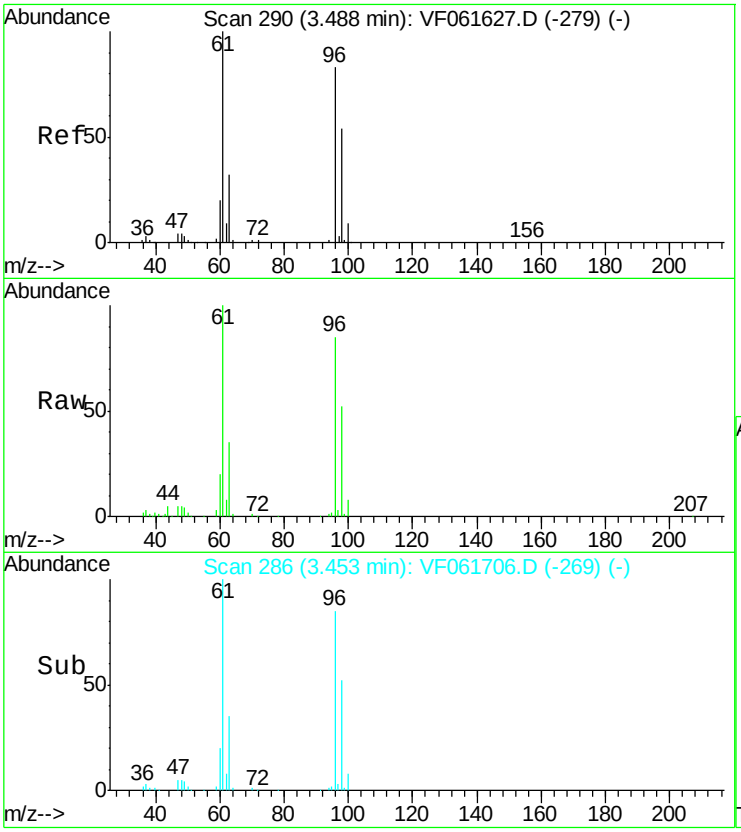


#26
2,2-Dichloropropane
Concen: 25.102 ug/l
RT: 3.57 min Scan# 298
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 77 Resp: 55099

Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.7	35.0

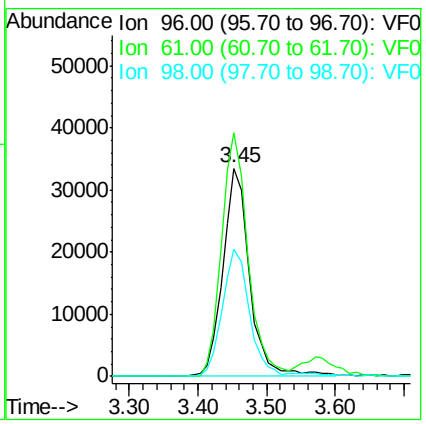




#27
cis-1,2-Dichloroethene
Concen: 21.684 ug/l
RT: 3.45 min Scan# 286
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 96 Resp: 89946

Ion	Ratio	Lower	Upper
96	100		
61	117.2	0.0	241.6
98	61.2	0.0	130.2



Instrument :
MSVOA_F
ClientSampleId :
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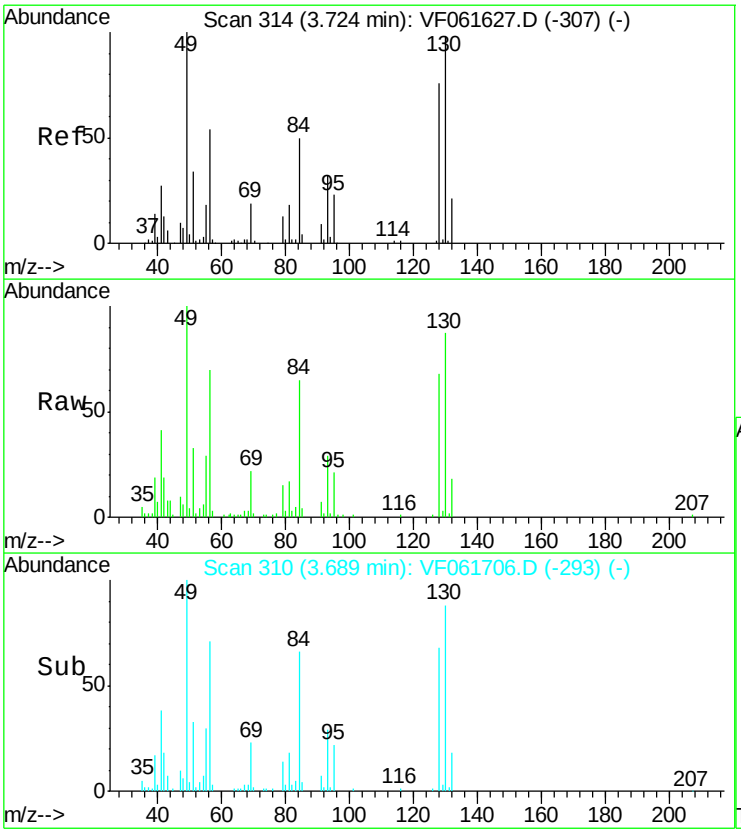
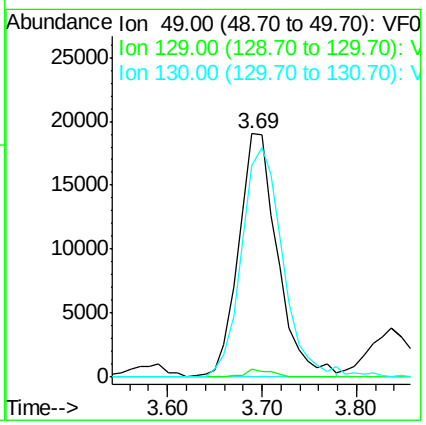
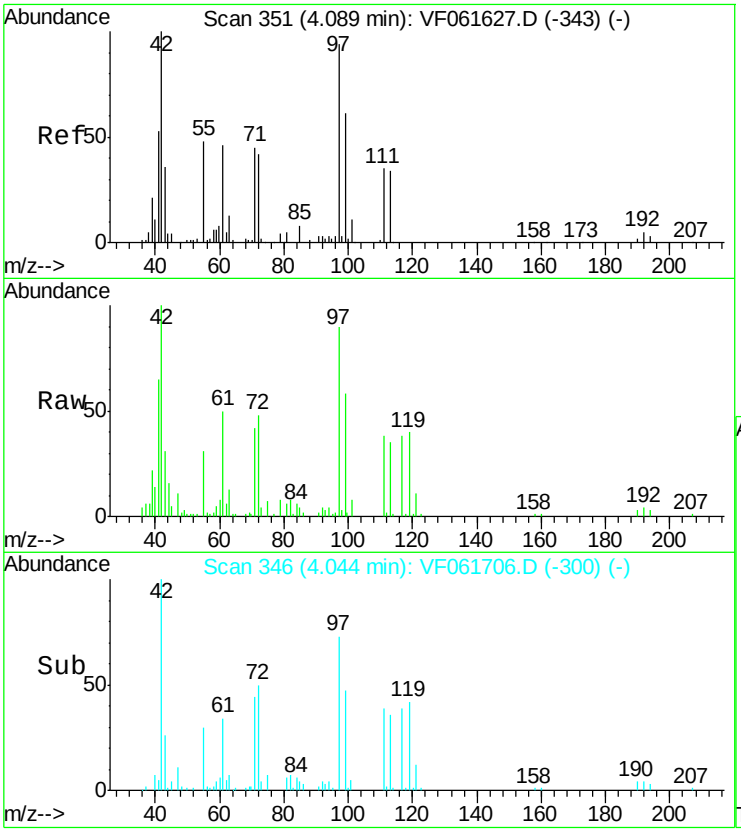


#28
Bromochloromethane
Concen: 21.901 ug/l
RT: 3.69 min Scan# 310
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 49 Resp: 54454

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	3.4
130	87.1	77.7	116.5

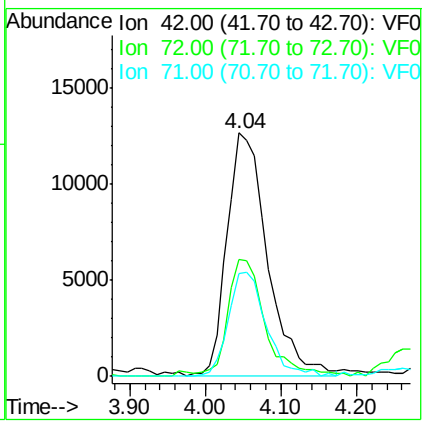




#29
Tetrahydrofuran
Concen: 88.537 ug/l
RT: 4.04 min Scan# 346
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 42 Resp: 46918

Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.2	52.8
71	39.9	32.9	49.3



Instrument :
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ClientSampleId :
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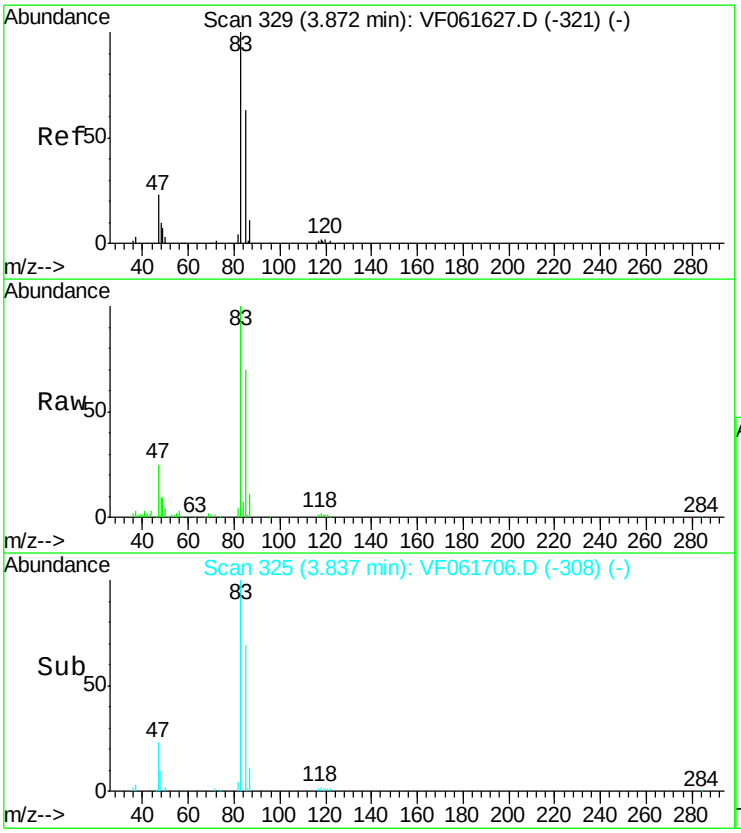
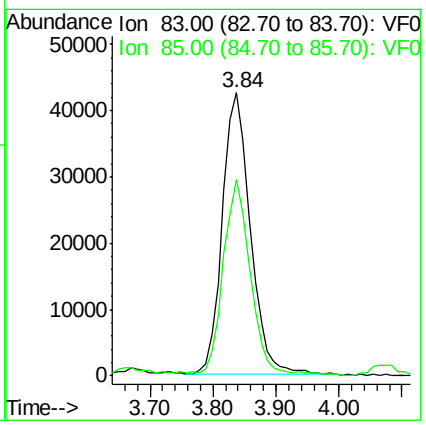
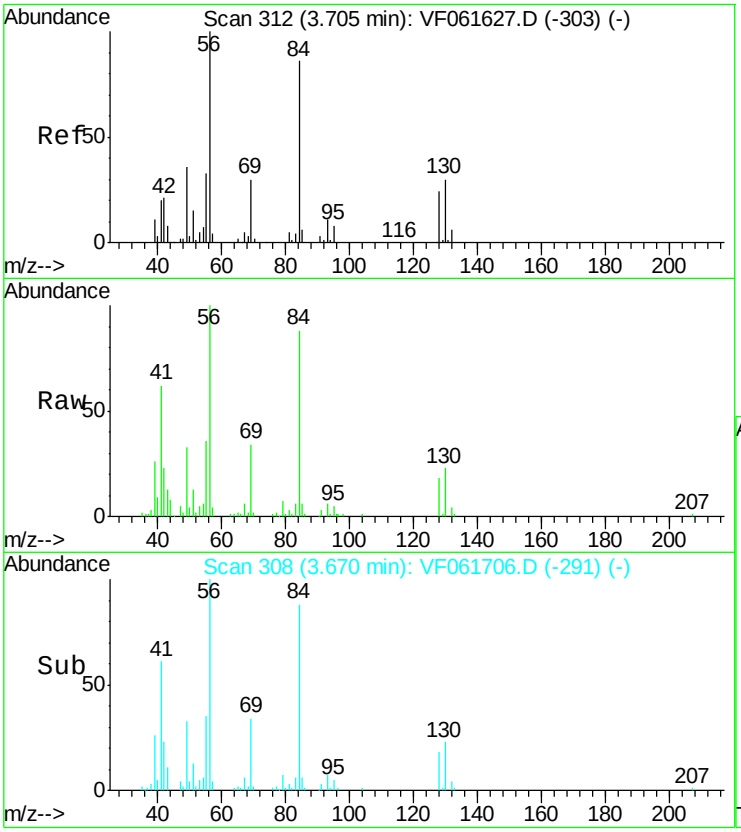


#30
Chloroform
Concen: 22.197 ug/l
RT: 3.84 min Scan# 325
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 83 Resp: 130810

Ion	Ratio	Lower	Upper
83	100		
85	69.6	51.1	76.7

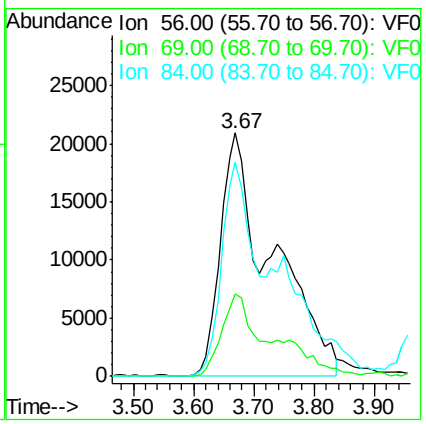




#31
Cyclohexane
Concen: 22.350 ug/l m
RT: 3.67 min Scan# 308
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 56 Resp: 125377

Ion	Ratio	Lower	Upper
56	100		
69	33.7	23.8	35.8
84	88.0	68.6	103.0



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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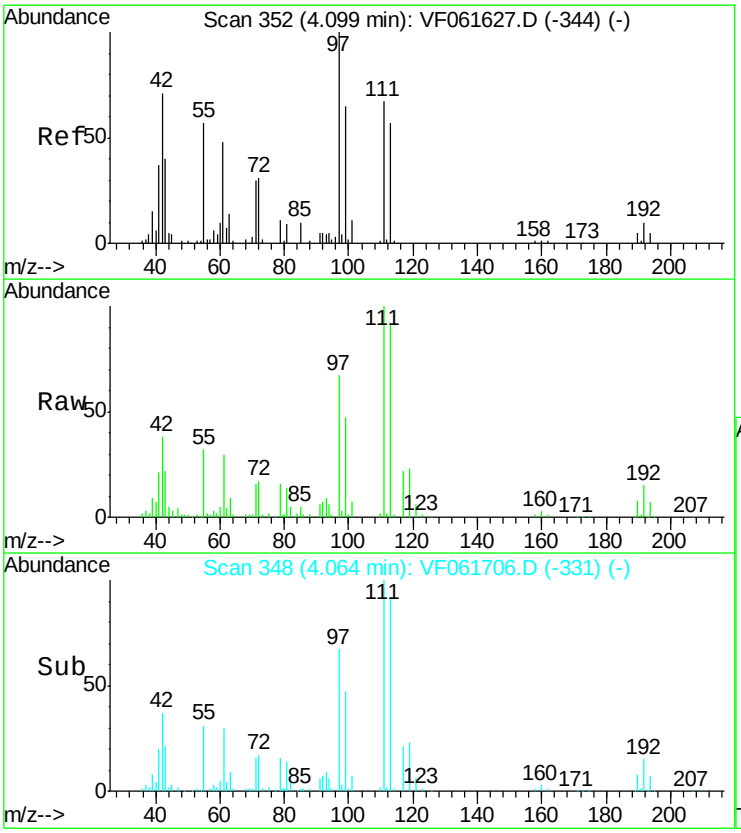
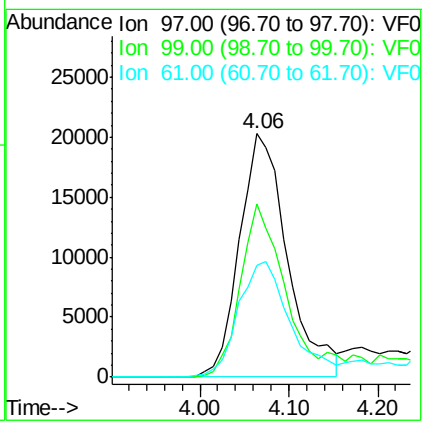
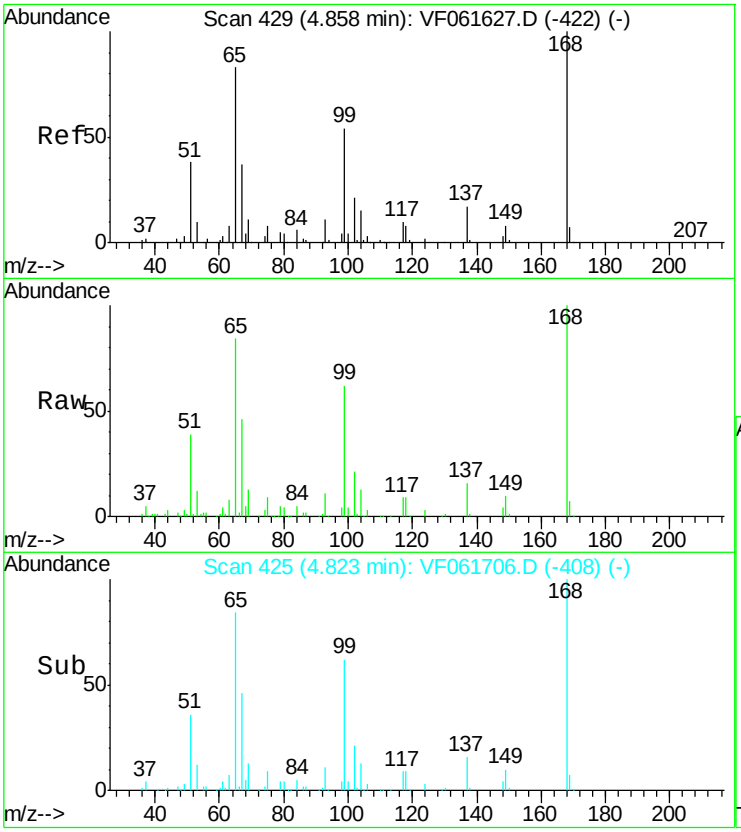


#32
1,1,1-Trichloroethane
Concen: 19.586 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 97 Resp: 75608

Ion	Ratio	Lower	Upper
97	100		
99	71.2	52.2	78.2
61	45.7	39.2	58.8

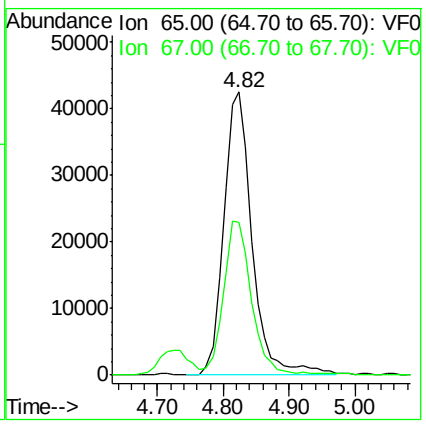




#33
1,2-Dichloroethane-d4
Concen: 51.363 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 65 Resp: 127781

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	104.0



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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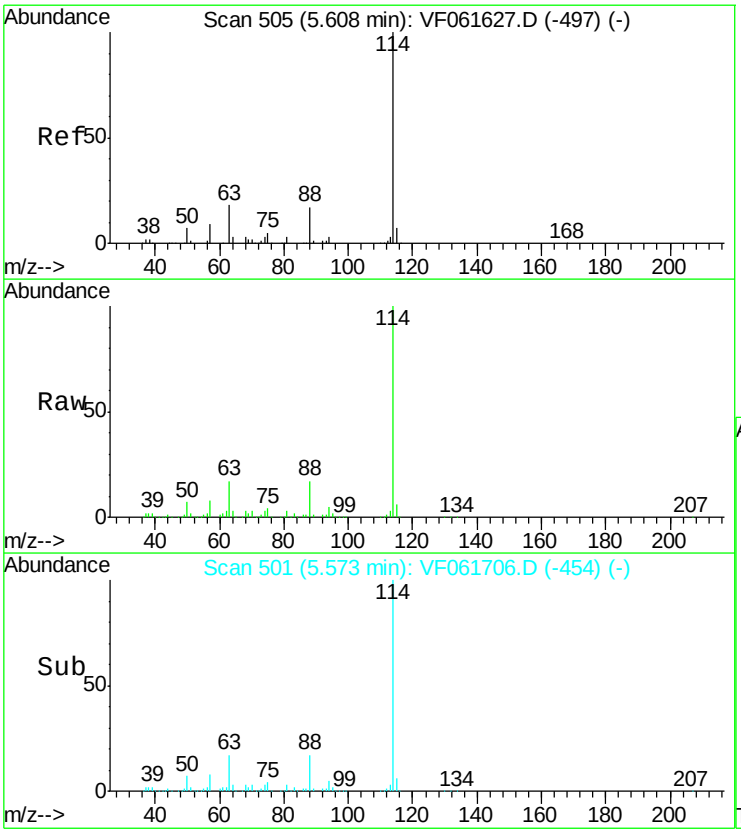
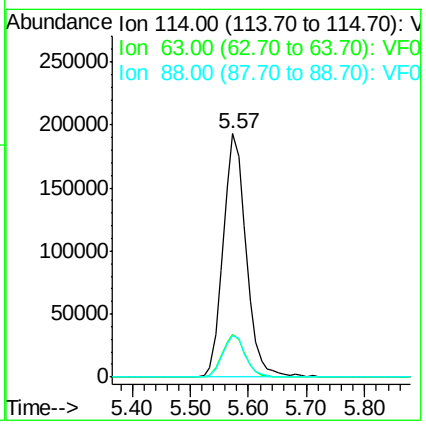
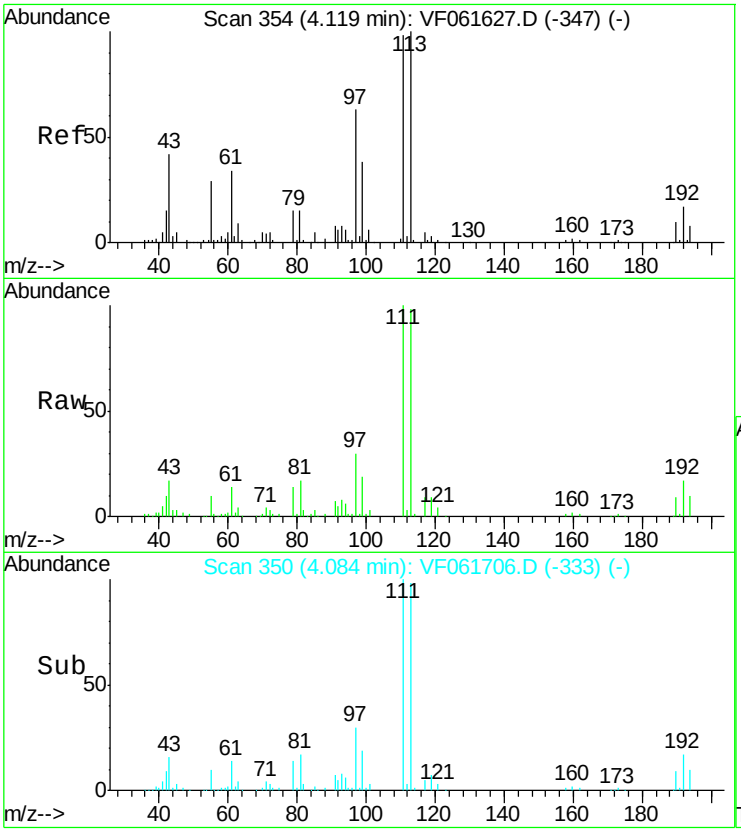


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:114 Resp: 529040

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	16.8	0.0	34.4

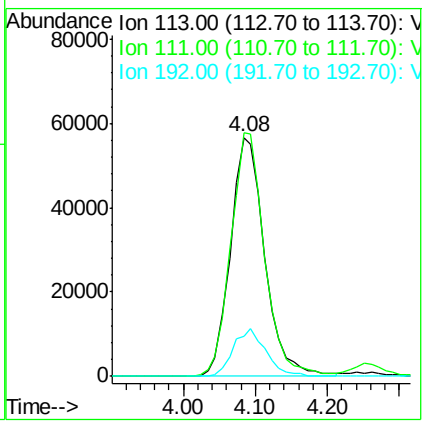




#35
Dibromofluoromethane
Concen: 47.737 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:113 Resp: 187544

Ion	Ratio	Lower	Upper
113	100		
111	101.8	78.8	118.2
192	17.0	13.4	20.0



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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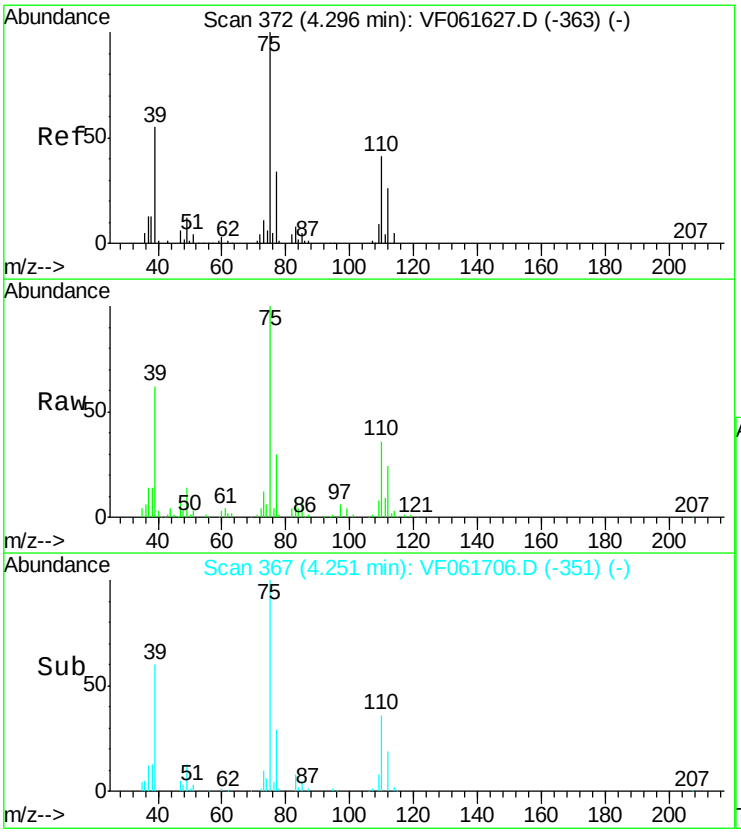
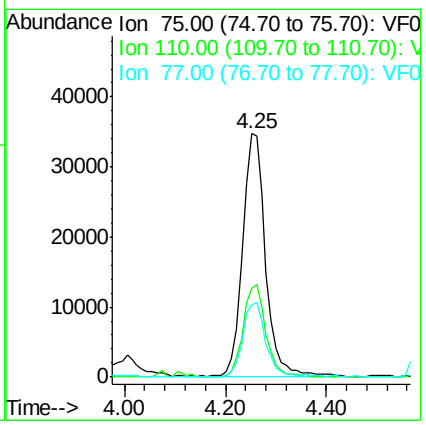
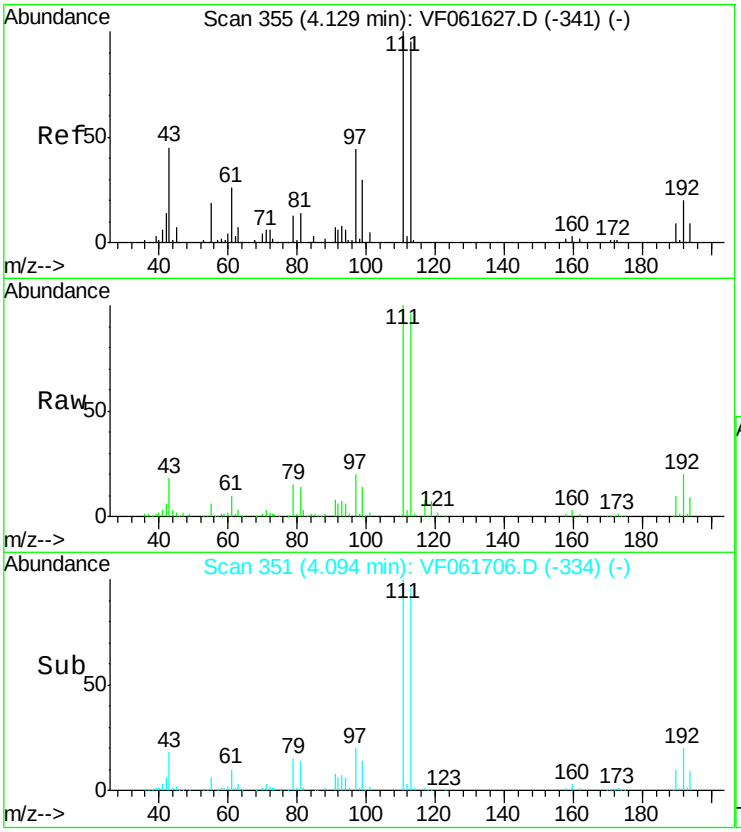


#36
1,1-Dichloropropene
Concen: 21.172 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 75 Resp: 110960

Ion	Ratio	Lower	Upper
75	100		
110	36.3	20.5	61.6
77	29.6	27.0	40.4

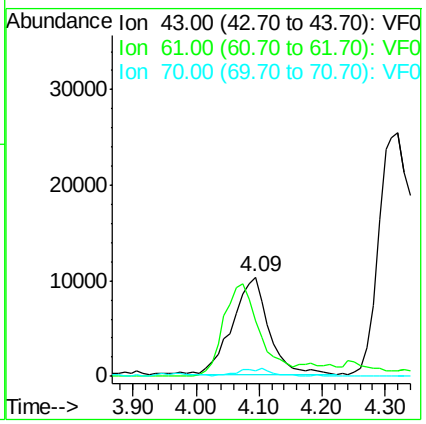




#37
Ethyl Acetate
Concen: 16.638 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 40501

Ion	Ratio	Lower	Upper
43	100		
61	55.3	45.7	68.5
70	5.6	8.5	12.7#



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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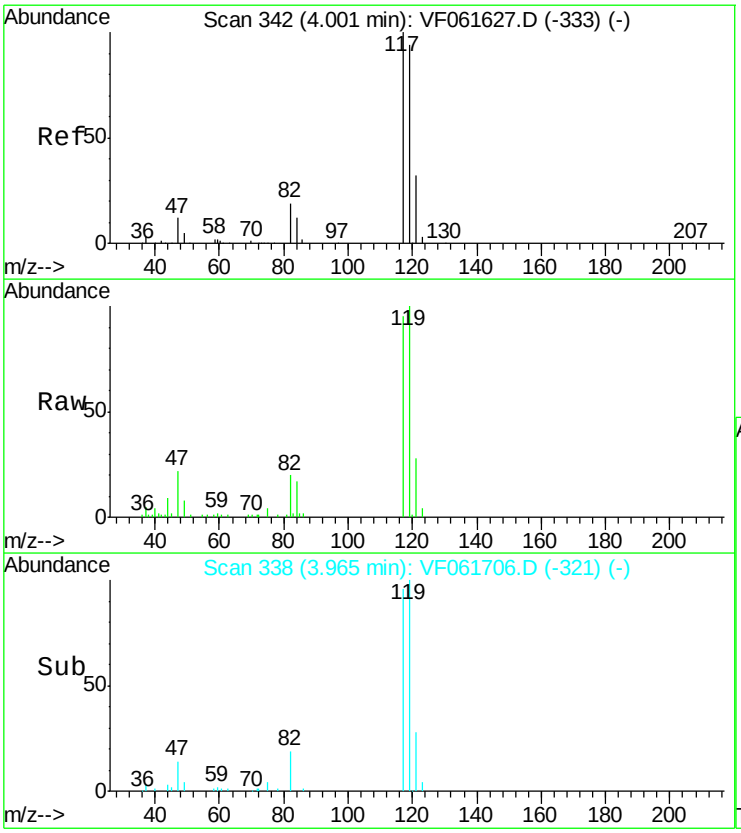
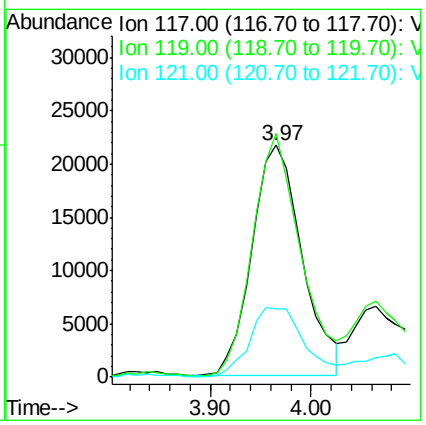
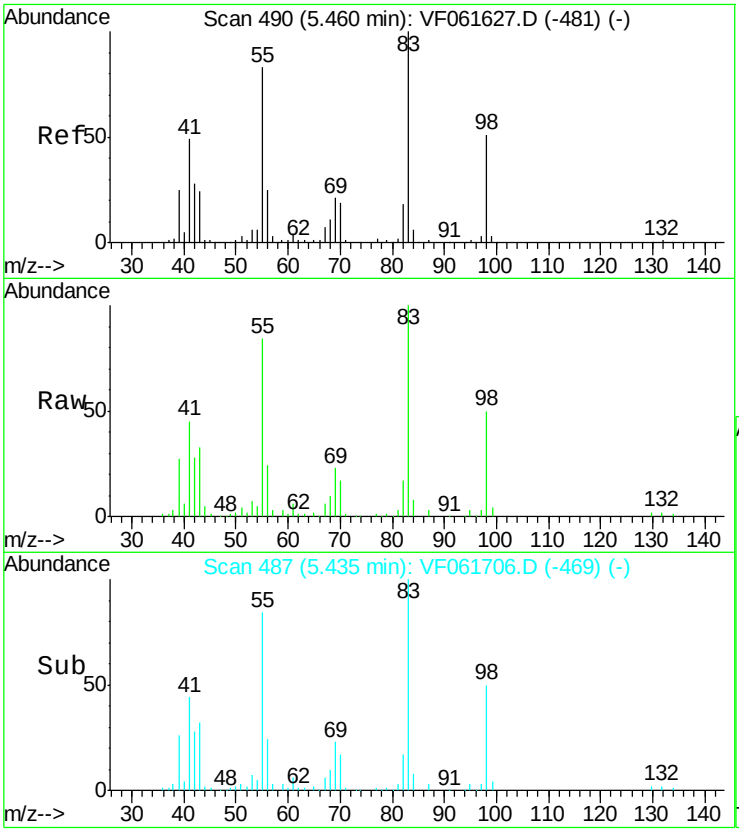


#38
Carbon Tetrachloride
Concen: 20.684 ug/l
RT: 3.97 min Scan# 338
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:117 Resp: 74850

Ion	Ratio	Lower	Upper
117	100		
119	105.0	75.6	113.4
121	29.6	25.2	37.8

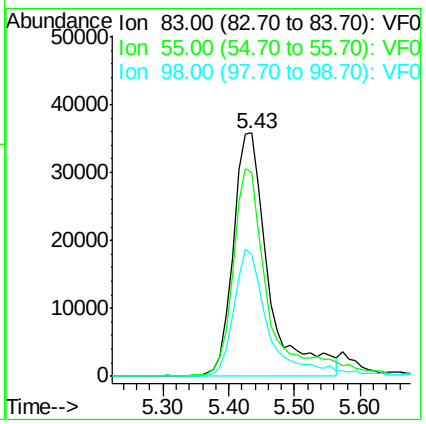




#39
Methylcyclohexane
Concen: 21.847 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 83 Resp: 135412

Ion	Ratio	Lower	Upper
83	100		
55	83.9	66.6	99.8
98	50.1	40.4	60.6



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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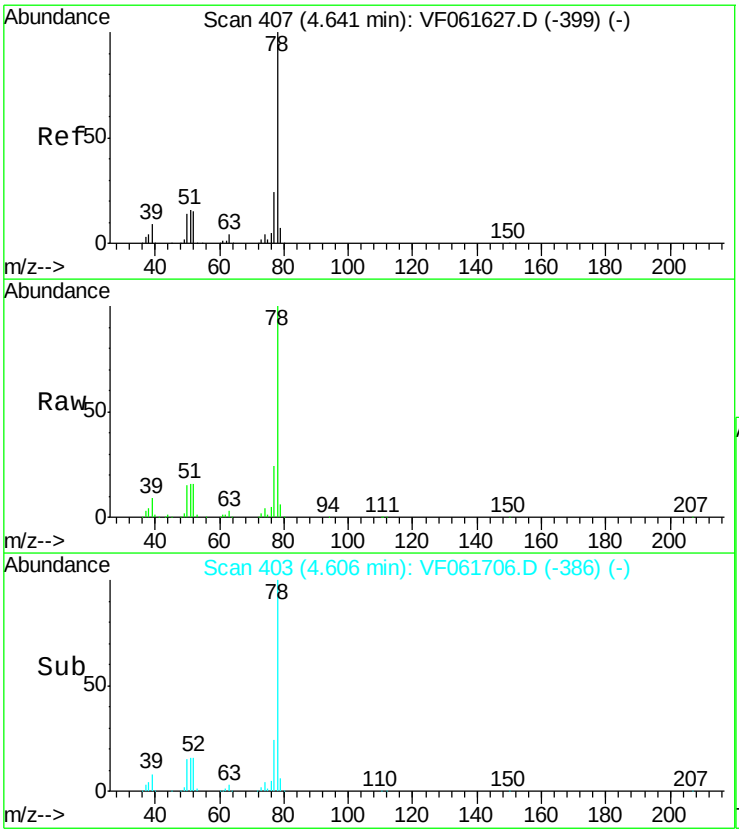
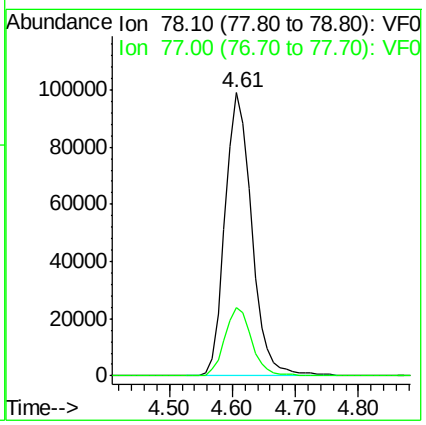
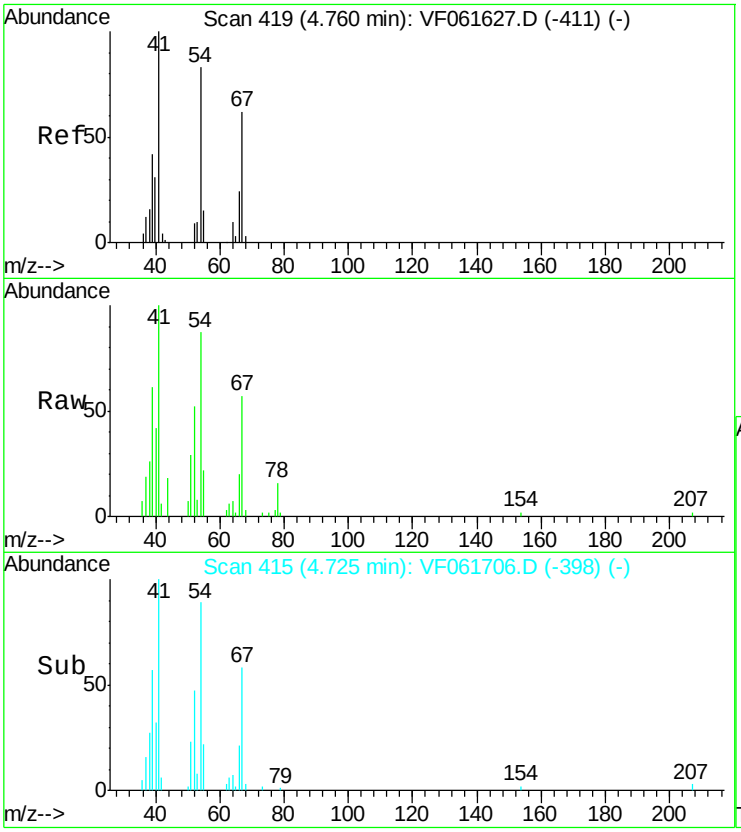


#40
Benzene
Concen: 21.191 ug/l
RT: 4.61 min Scan# 403
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 78 Resp: 290485

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6

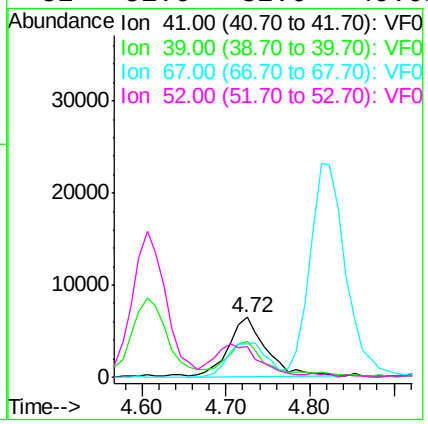




#41
Methacrylonitrile
Concen: 15.958 ug/l
RT: 4.72 min Scan# 415
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 41 Resp: 19865

Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.3	67.9
67	56.6	49.3	73.9
52	51.6	32.6	49.0#



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
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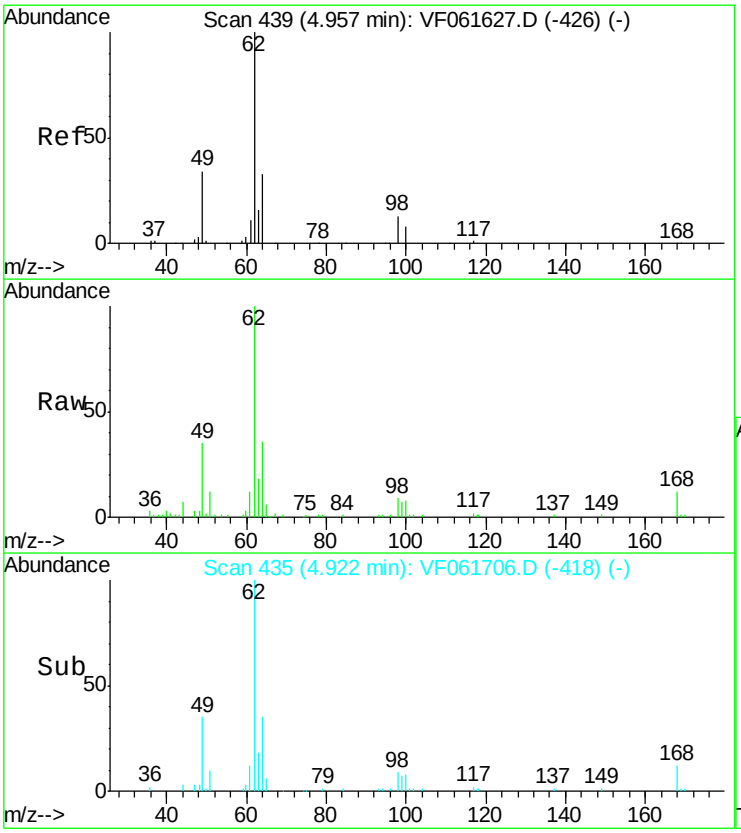
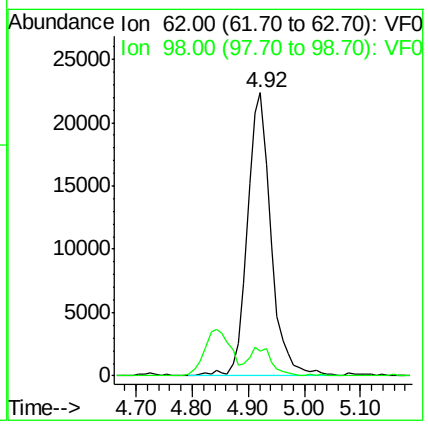
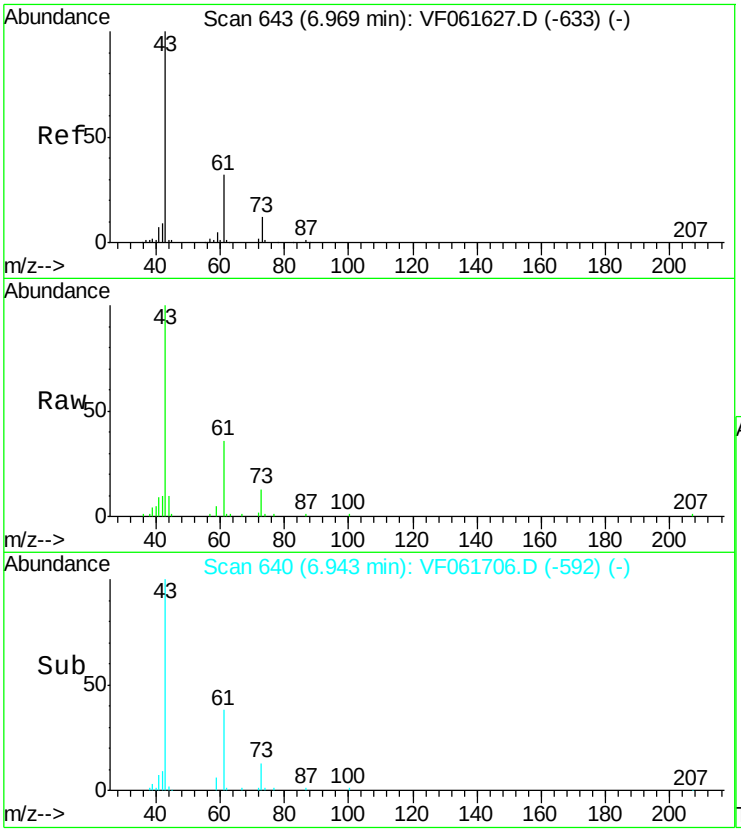


#42
1,2-Dichloroethane
Concen: 19.828 ug/l
RT: 4.92 min Scan# 435
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 62 Resp: 65018

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	26.0

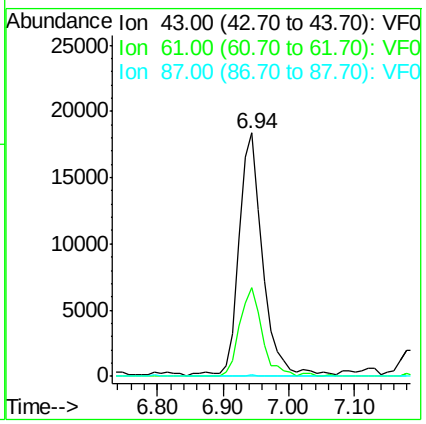




#43
Isopropyl Acetate
Concen: 16.302 ug/l
RT: 6.94 min Scan# 640
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 46971

Ion	Ratio	Lower	Upper
43	100		
61	36.3	25.8	38.6
87	0.7	0.4	0.6#



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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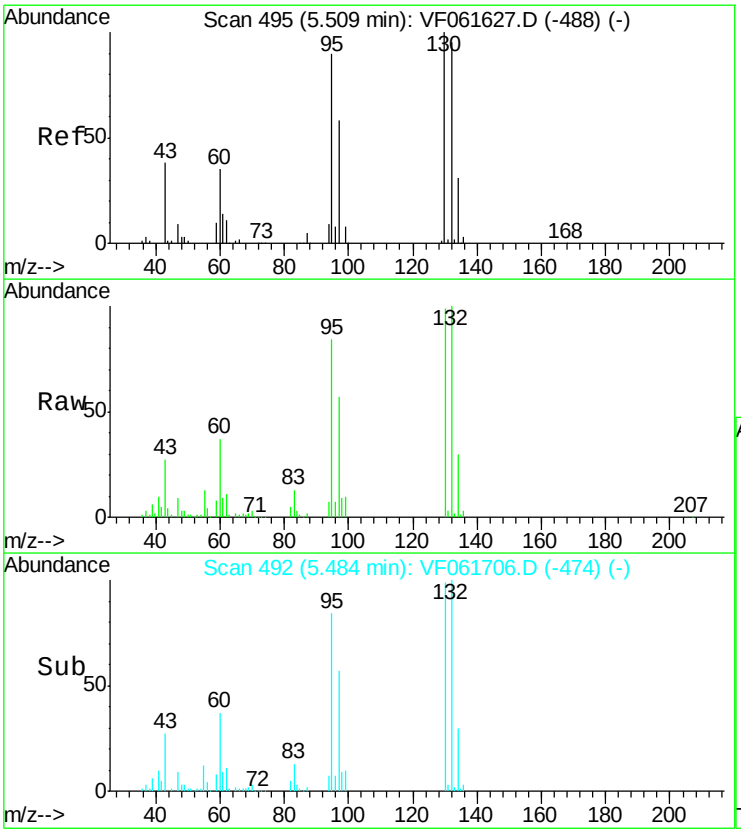
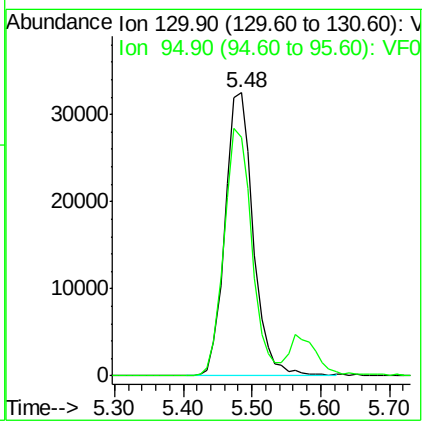
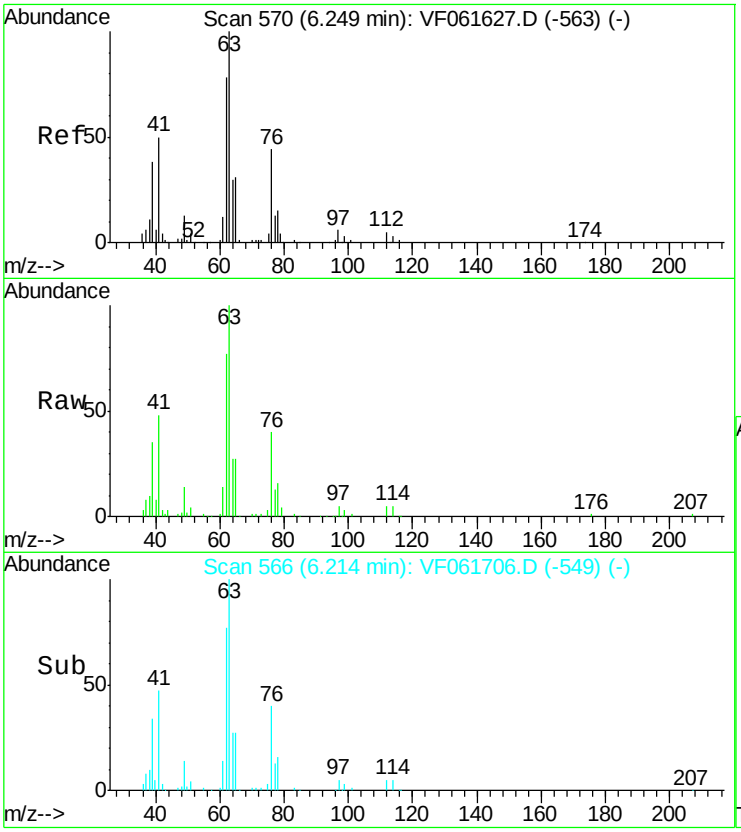


#44
Trichloroethene
Concen: 20.873 ug/l
RT: 5.48 min Scan# 492
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:130 Resp: 92527

Ion	Ratio	Lower	Upper
130	100		
95	84.5	0.0	179.4

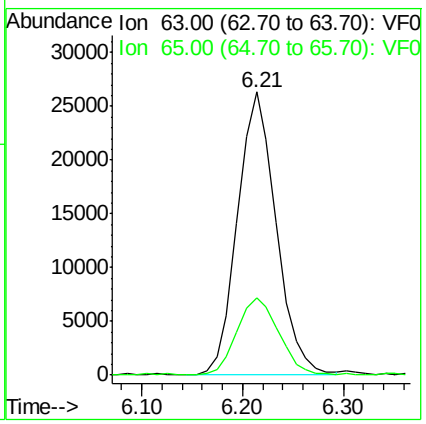




#45
1,2-Dichloropropane
Concen: 21.270 ug/l
RT: 6.21 min Scan# 566
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 63 Resp: 70479

Ion	Ratio	Lower	Upper
63	100		
65	27.4	24.9	37.3



Instrument :
MSVOA_F
ClientSampleId :
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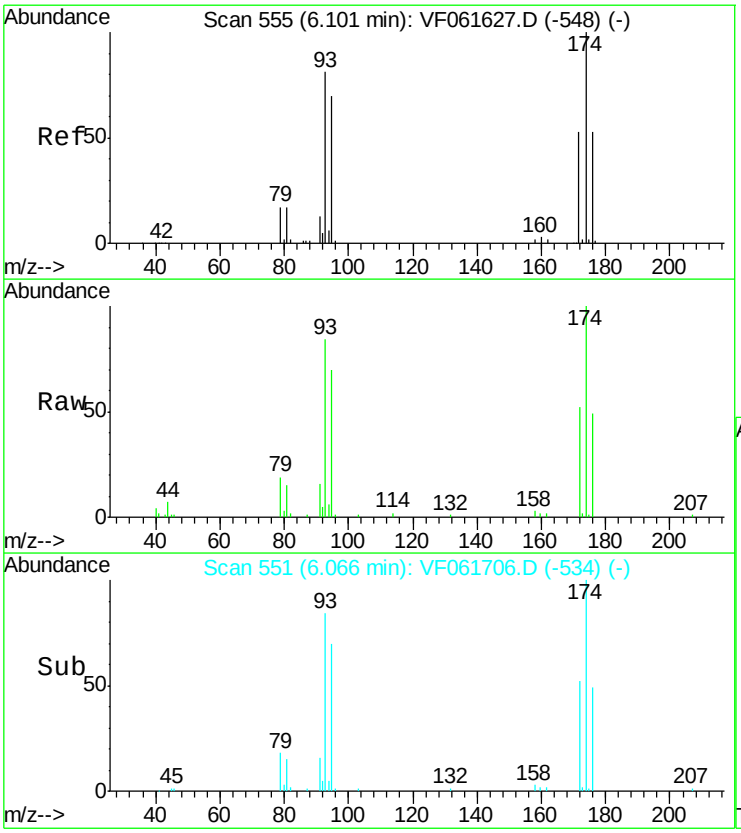
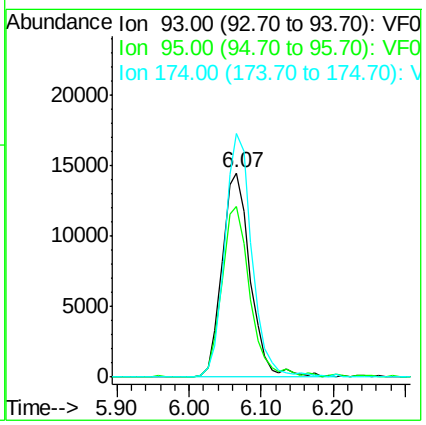
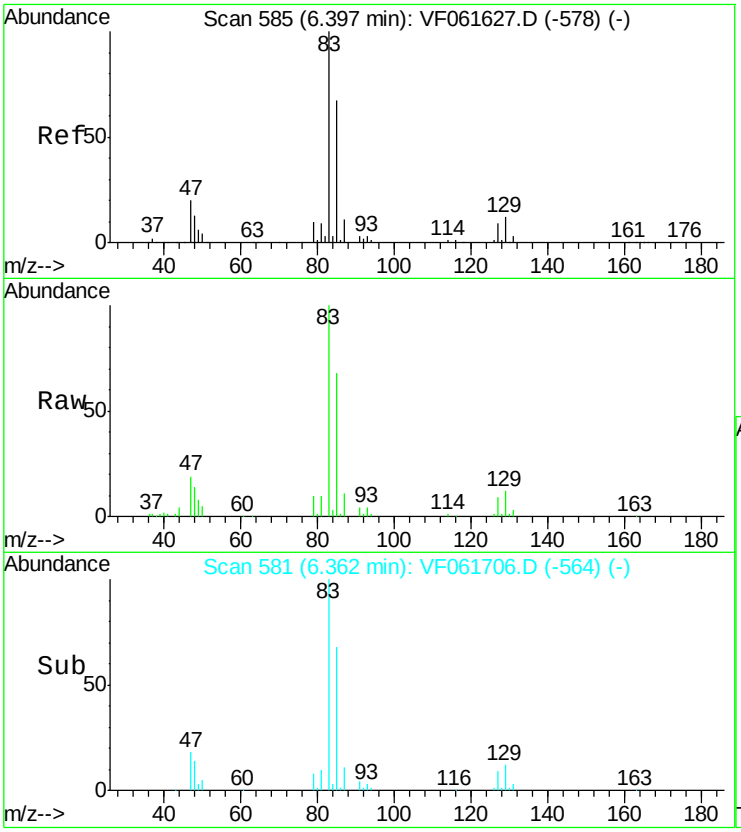


#46
Dibromomethane
Concen: 19.342 ug/l
RT: 6.07 min Scan# 551
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 93 Resp: 39460

Ion	Ratio	Lower	Upper
93	100		
95	83.5	69.0	103.6
174	119.1	99.3	148.9

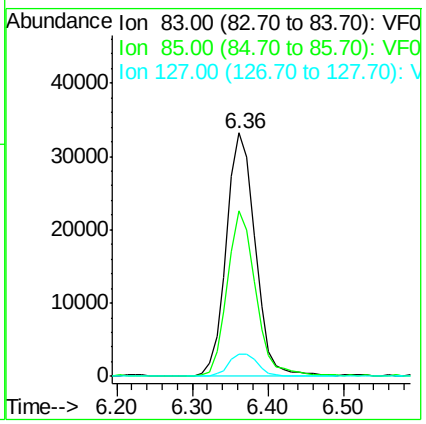




#47
Bromodichloromethane
Concen: 19.651 ug/l
RT: 6.36 min Scan# 581
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 83 Resp: 87796

Ion	Ratio	Lower	Upper
83	100		
85	68.2	53.4	80.2
127	9.1	7.5	11.3



Instrument :
MSVOA_F
ClientSampleId :
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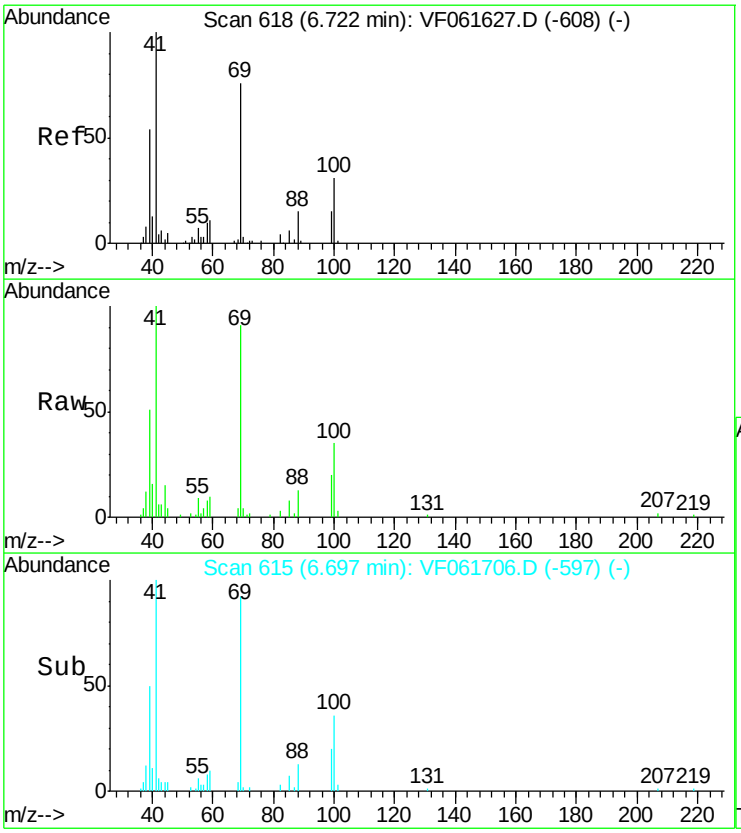
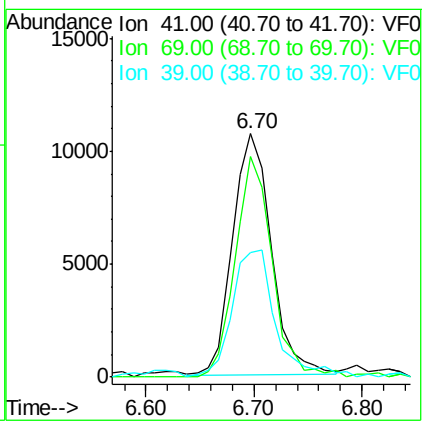
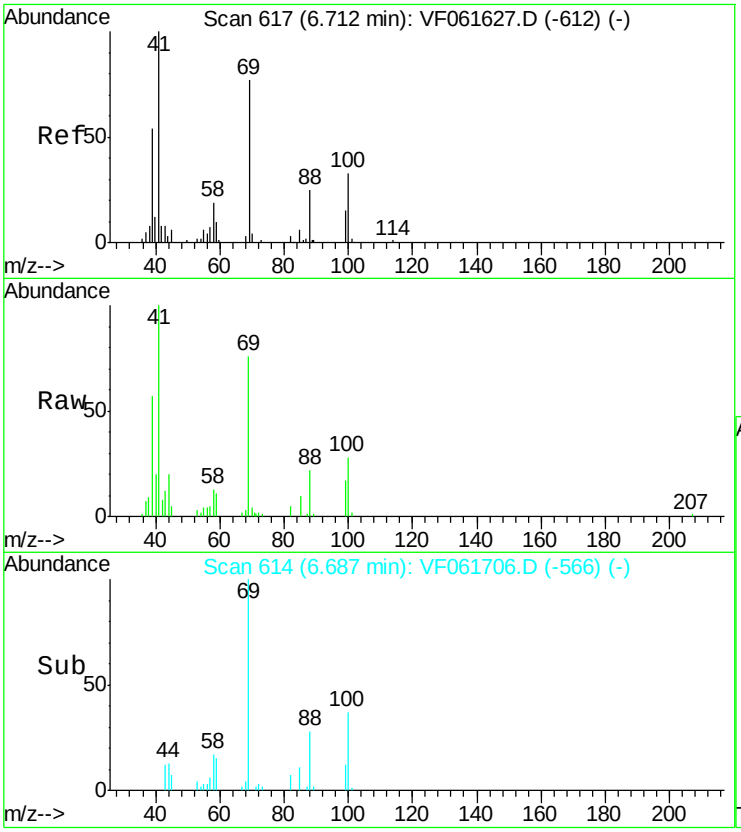


#48
Methyl methacrylate
Concen: 15.393 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 41 Resp: 26691

Ion	Ratio	Lower	Upper
41	100		
69	90.8	60.4	90.6#
39	50.9	43.7	65.5





#49
1,4-Dioxane
Concen: 288.954 ug/l
RT: 6.69 min Scan# 614
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 88 Resp: 4710

Ion	Ratio	Lower	Upper
88	100		
43	56.6	32.3	48.5#
58	58.9	59.4	89.2#

Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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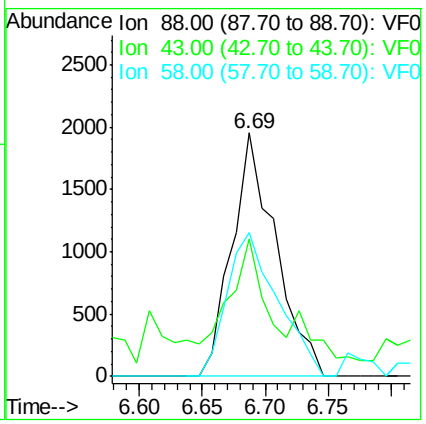
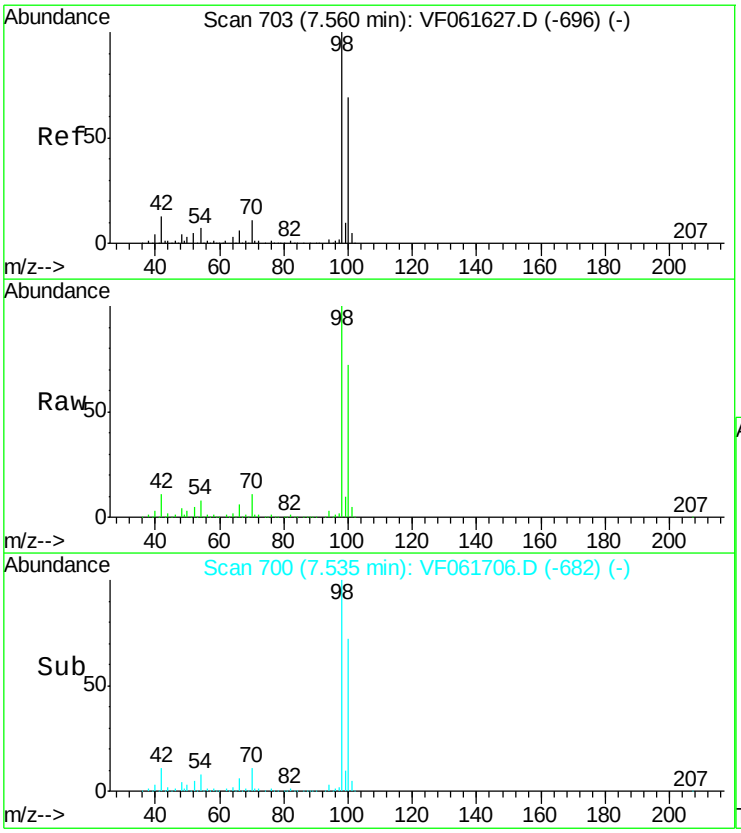
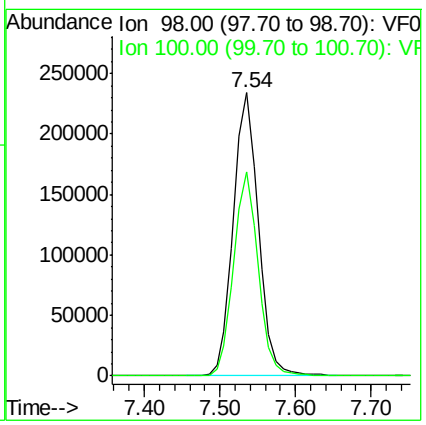


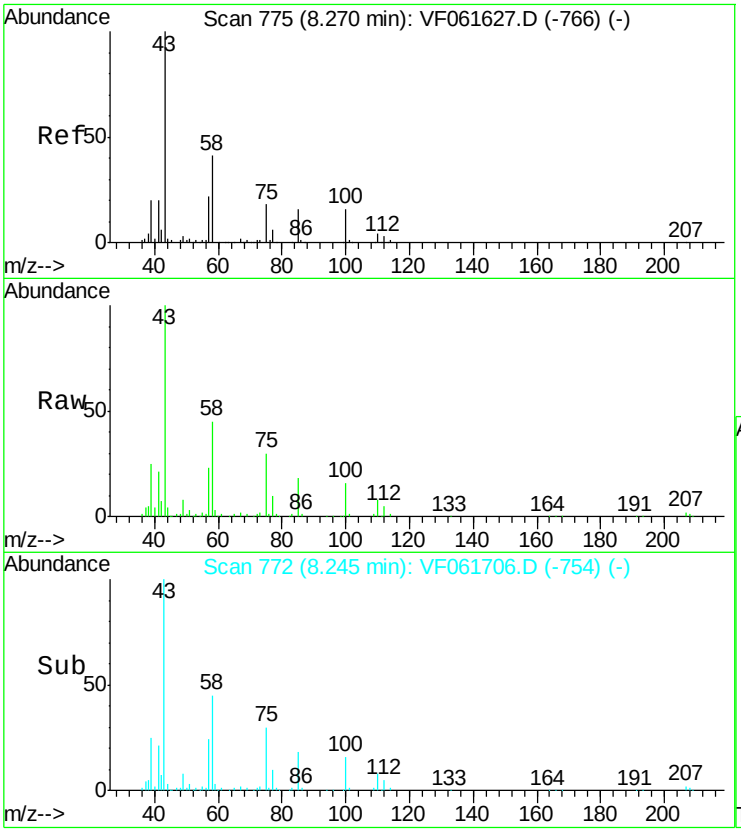


#50
Toluene-d8
Concen: 47.702 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 98 Resp: 538742

Ion	Ratio	Lower	Upper
98	100		
100	72.1	55.4	83.2

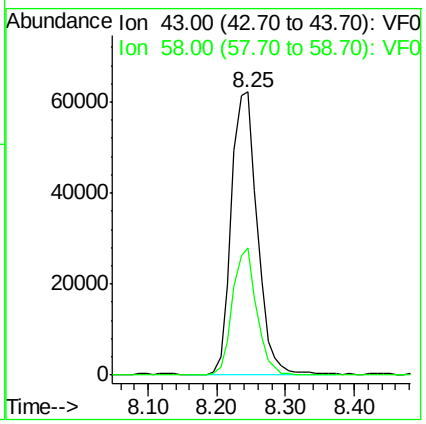




#51
4-Methyl-2-Pentanone
Concen: 79.565 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 163809

Ion	Ratio	Lower	Upper
43	100		
58	44.8	33.1	49.7



Instrument :
MSVOA_F
ClientSampleId :
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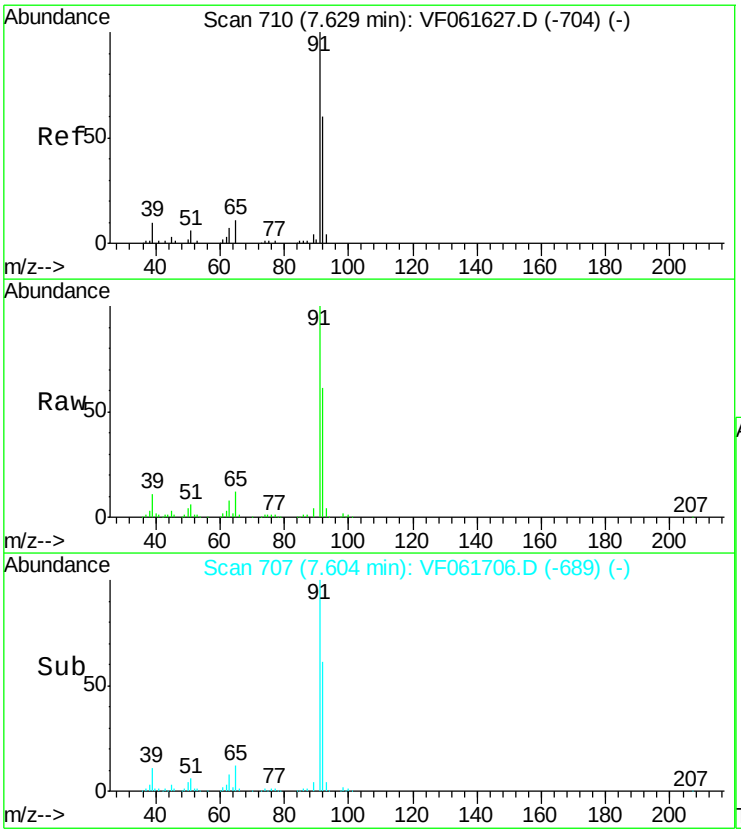
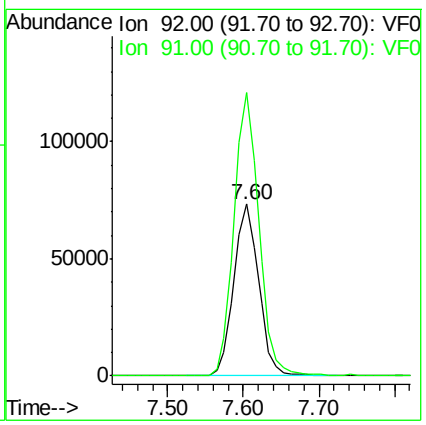
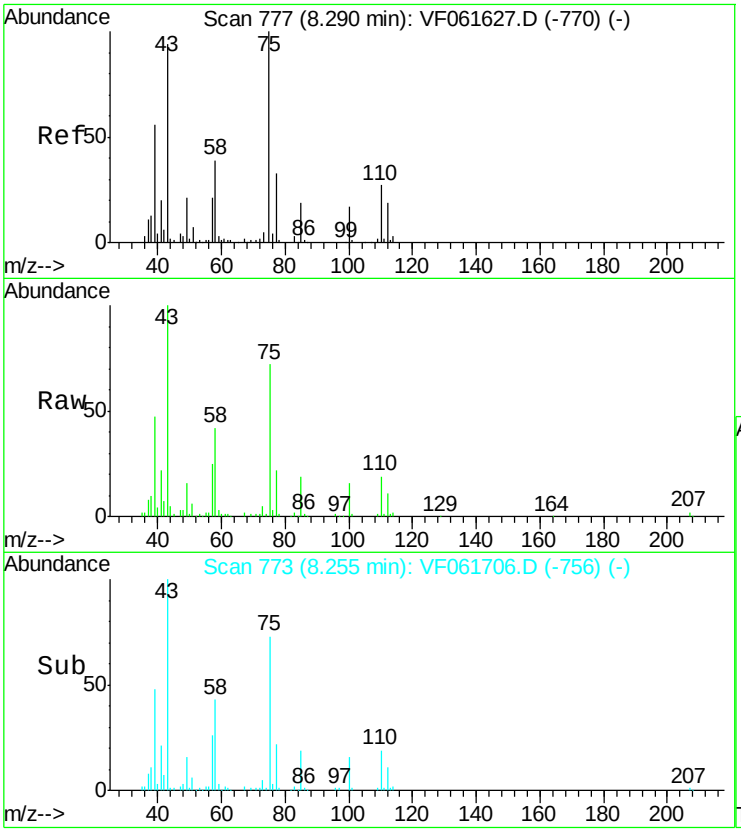


#52
Toluene
Concen: 20.087 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 92 Resp: 167000

Ion	Ratio	Lower	Upper
92	100		
91	164.6	133.9	200.9

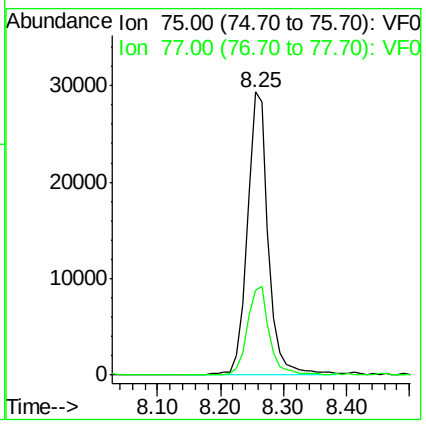




#53
t-1,3-Dichloropropene
Concen: 18.296 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 75 Resp: 68029

Ion	Ratio	Lower	Upper
75	100		
77	30.1	26.2	39.2



Instrument :
MSVOA_F
ClientSampleId :
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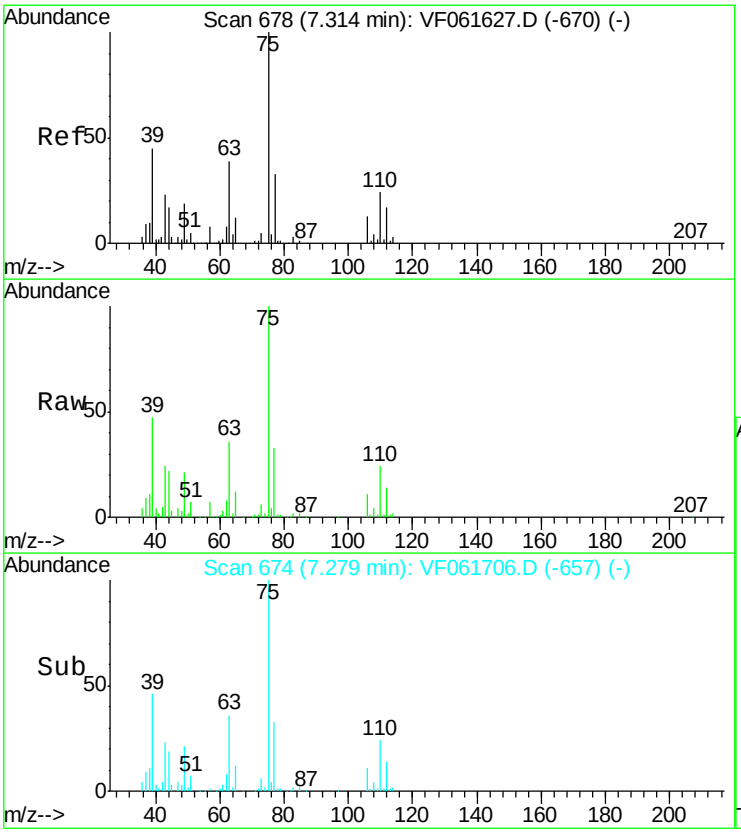
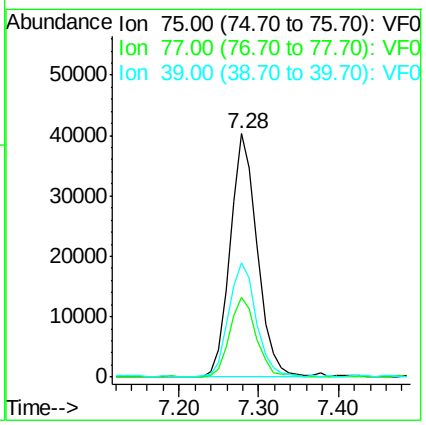
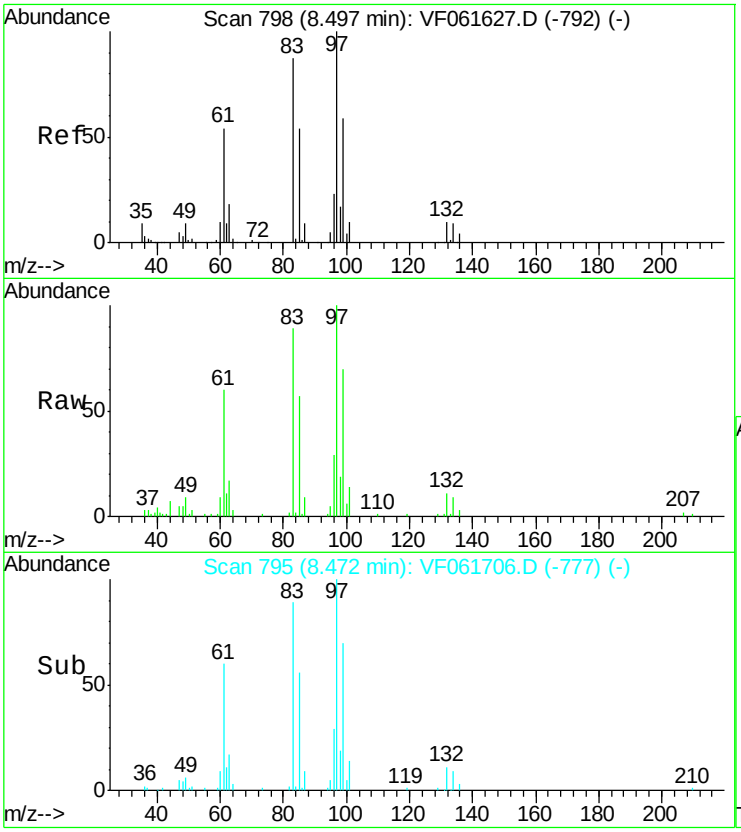


#54
cis-1,3-Dichloropropene
Concen: 19.472 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 75 Resp: 96439

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.4	39.6
39	46.8	36.0	54.0

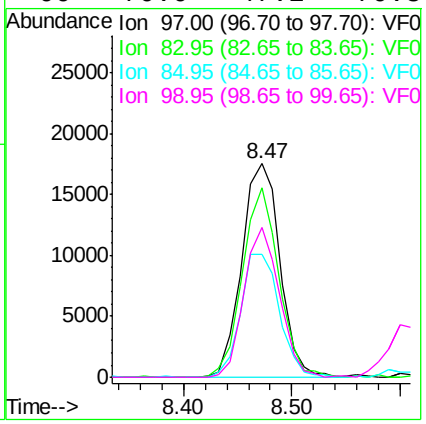




#55
1,1,2-Trichloroethane
Concen: 17.616 ug/l
RT: 8.47 min Scan# 795
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 97 Resp: 43031

Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.2	103.8
85	57.3	43.0	64.4
99	70.0	47.2	70.8



Instrument :
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ClientSampleId :
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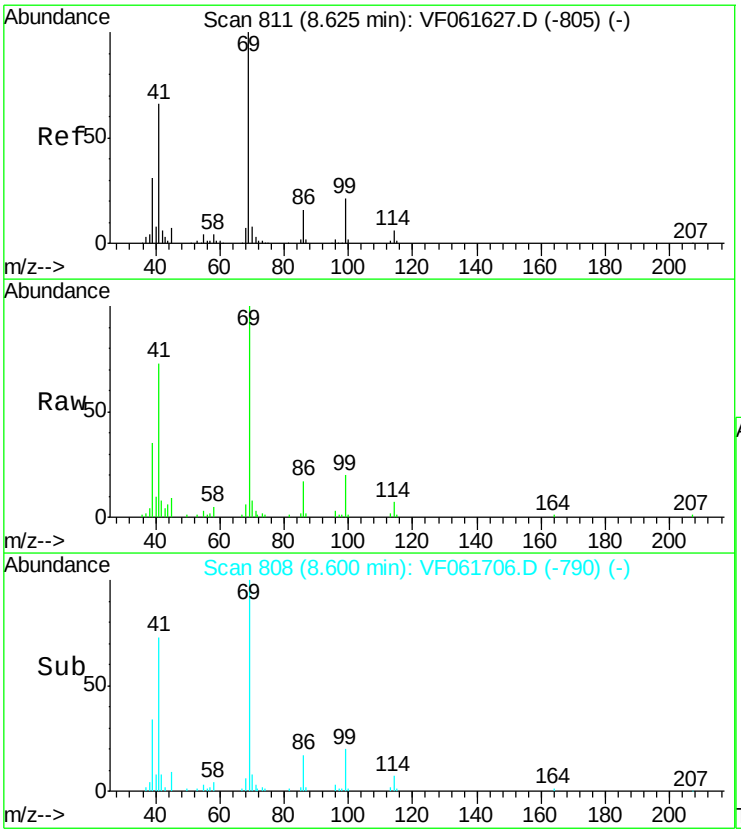
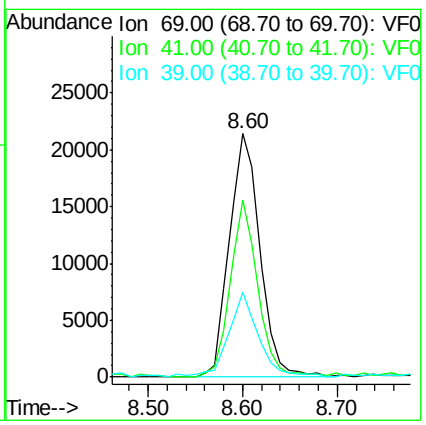
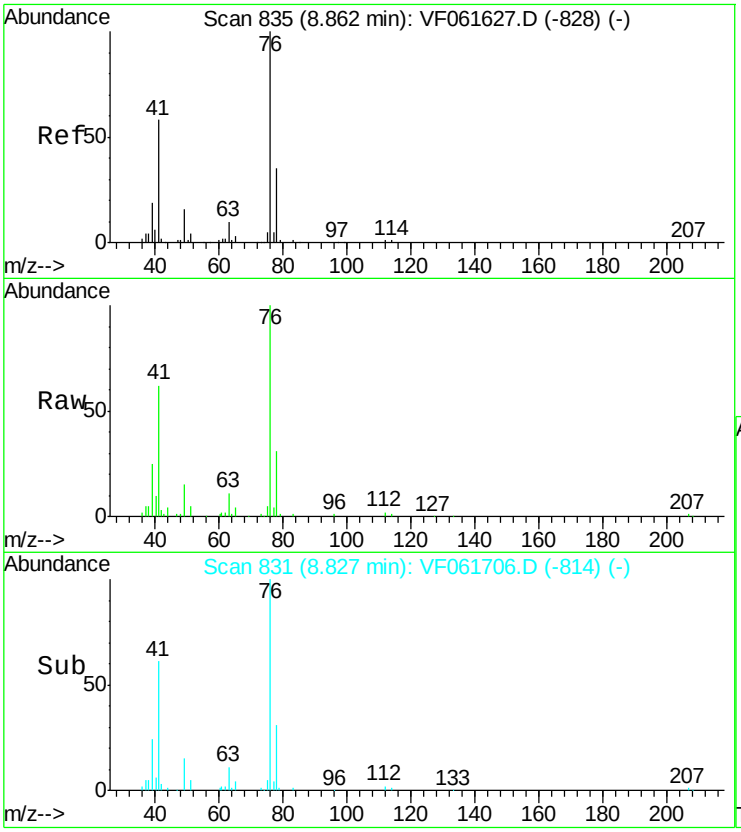


#56
Ethyl methacrylate
Concen: 17.637 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 69 Resp: 47966

Ion	Ratio	Lower	Upper
69	100		
41	72.5	52.9	79.3
39	34.7	24.5	36.7





#57
1,3-Dichloropropane
Concen: 17.097 ug/l
RT: 8.83 min Scan# 831
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 76 Resp: 69708

Ion	Ratio	Lower	Upper
76	100		
78	31.1	27.8	41.6

Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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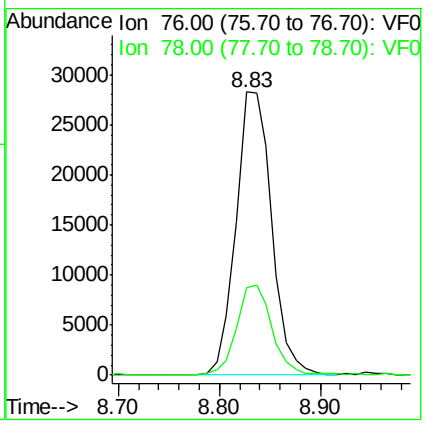
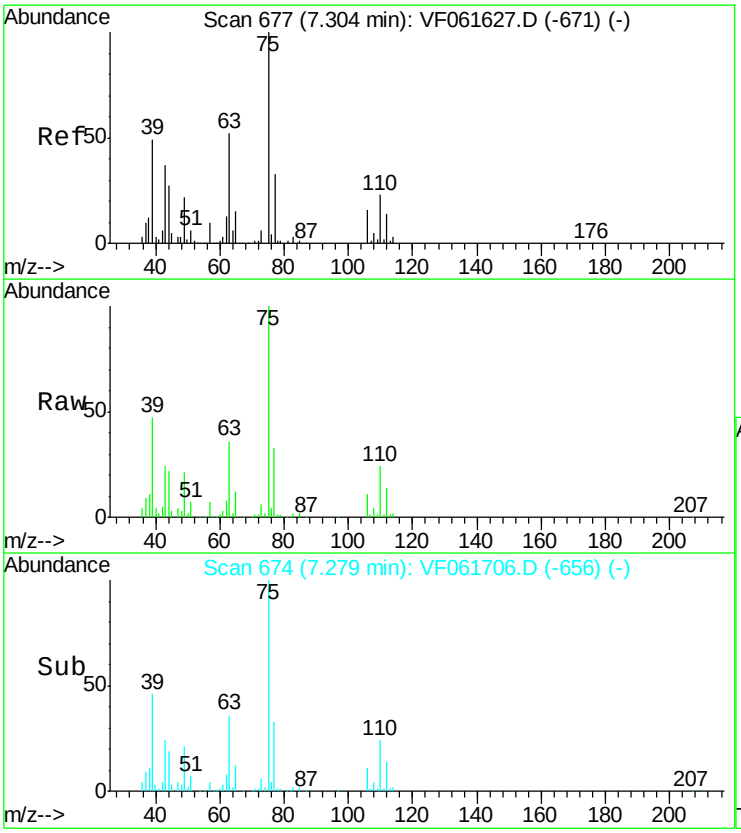
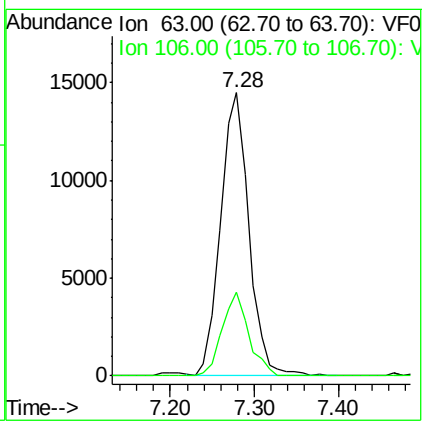


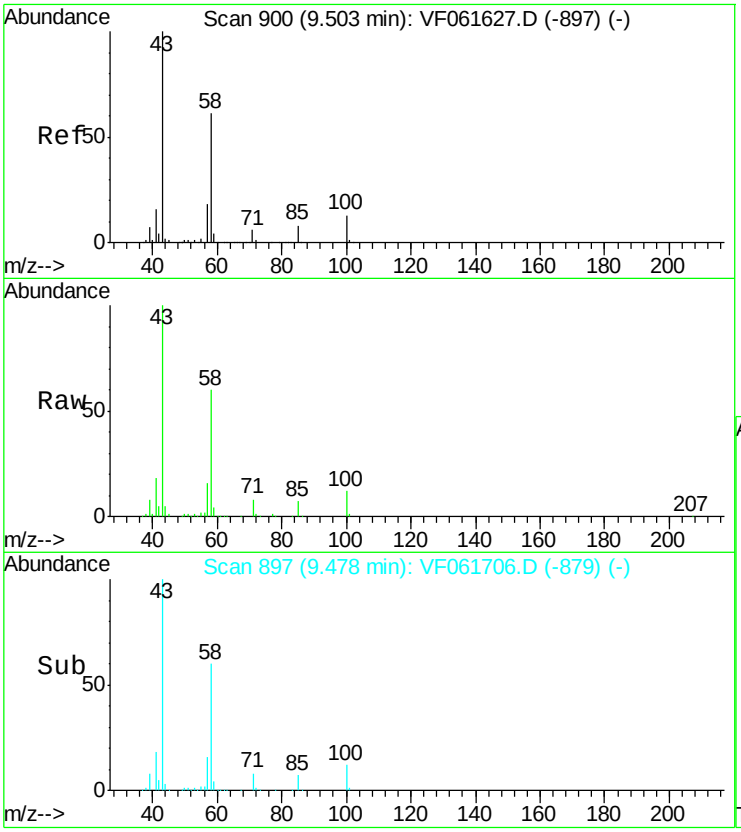


#58
2-Chloroethyl Vinyl ether
Concen: 71.830 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 63 Resp: 33704

Ion	Ratio	Lower	Upper
63	100		
106	29.4	24.6	36.8

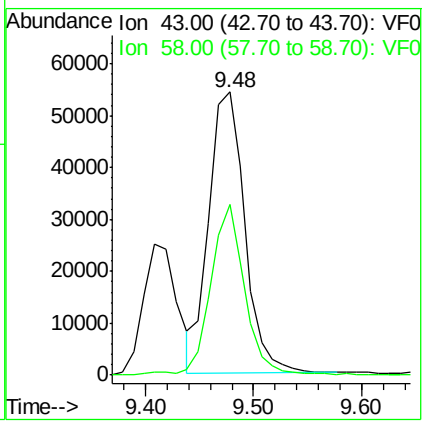




#59
2-Hexanone
Concen: 86.932 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 125458

Ion	Ratio	Lower	Upper
43	100		
58	60.2	28.5	85.5



Instrument :
MSVOA_F
ClientSampleId :
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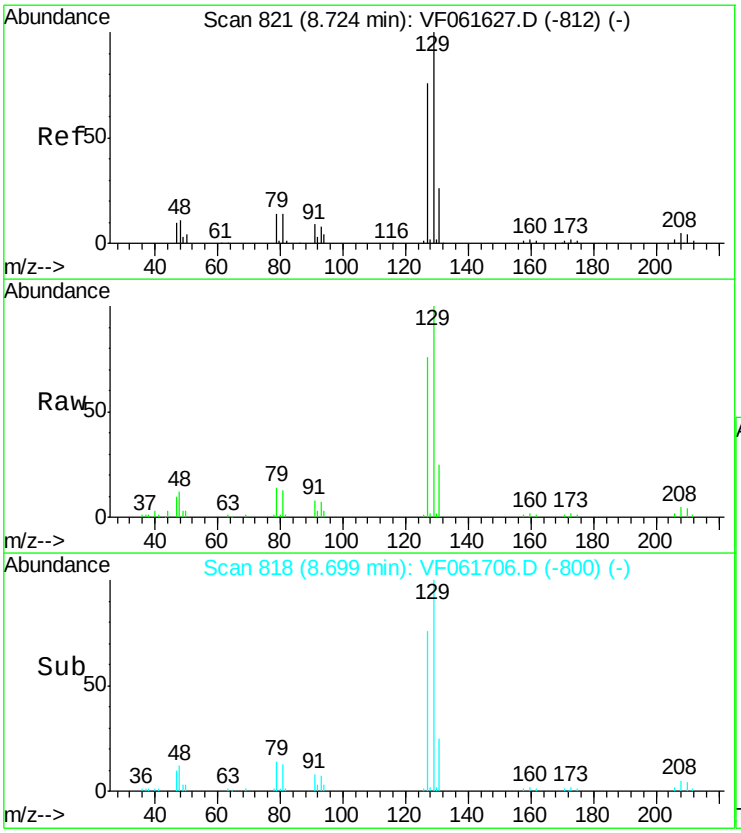
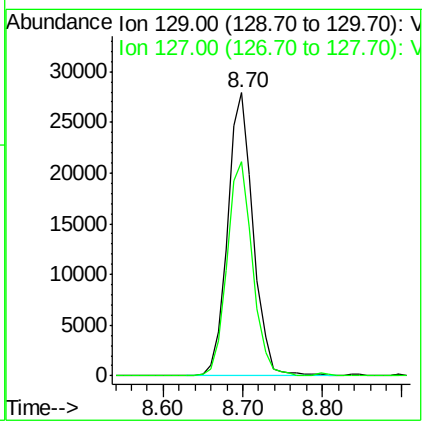
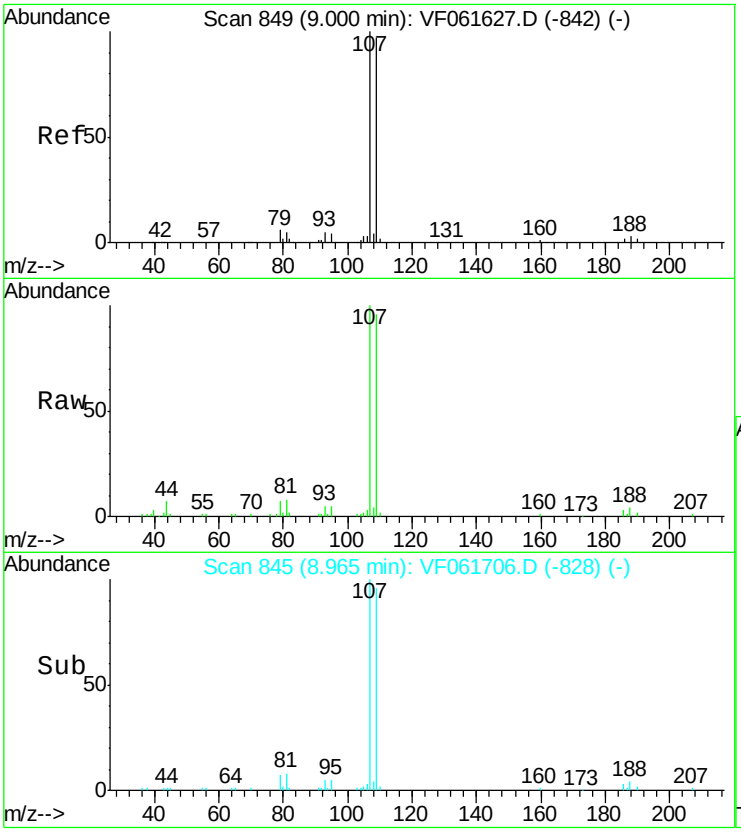


#60
Dibromochloromethane
Concen: 18.459 ug/l
RT: 8.70 min Scan# 818
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:129 Resp: 62757

Ion	Ratio	Lower	Upper
129	100		
127	75.9	37.8	113.4





#61
1,2-Dibromoethane
Concen: 17.835 ug/l
RT: 8.96 min Scan# 845
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:107 Resp: 47251

Ion	Ratio	Lower	Upper
107	100		
109	96.4	77.4	116.0

Instrument :
MSVOA_F
ClientSampleId :
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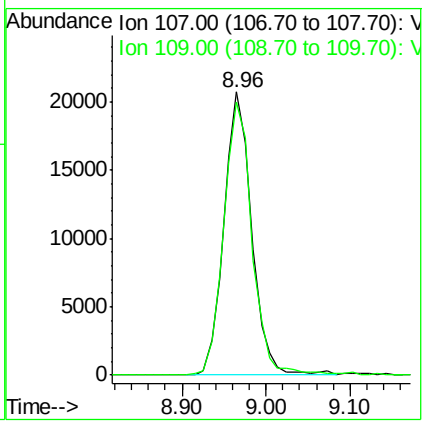
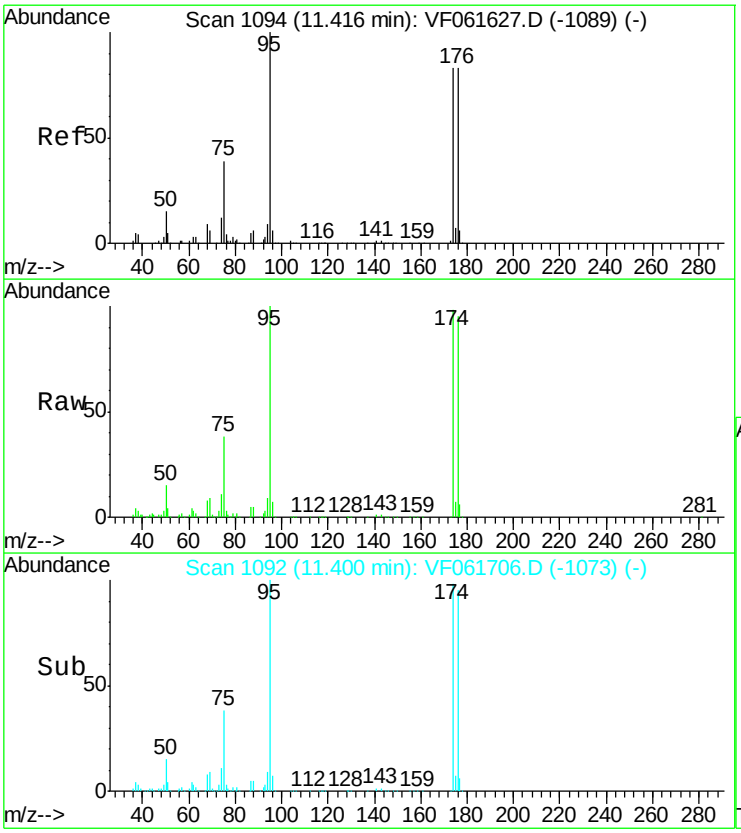
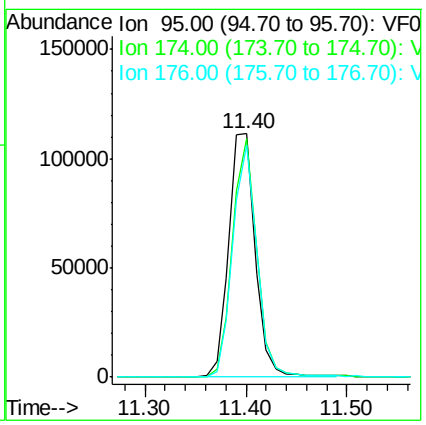


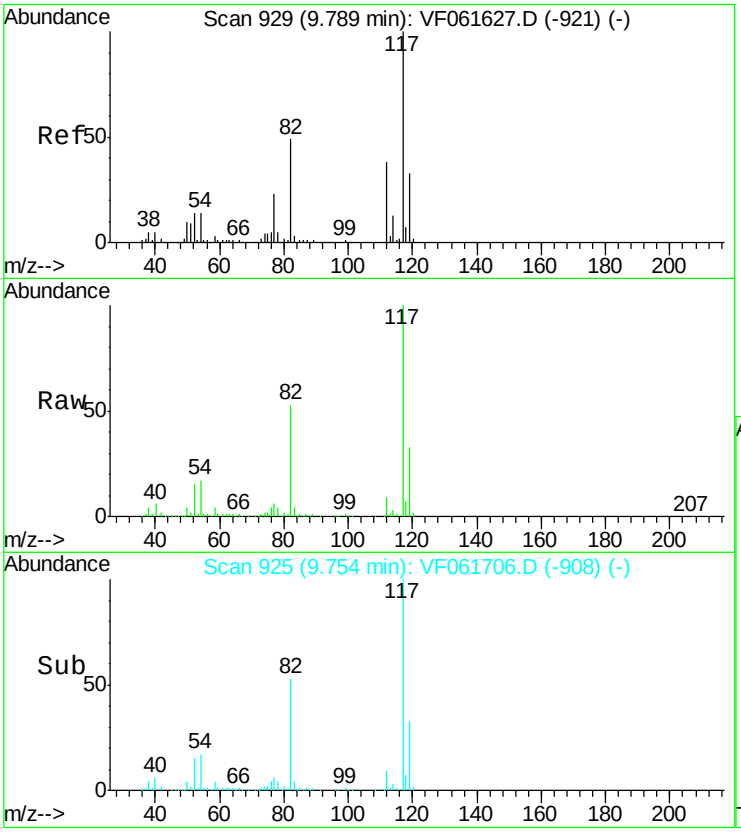


#62
4-Bromofluorobenzene
Concen: 44.532 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 95 Resp: 203498

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	165.8
176	95.3	0.0	167.0

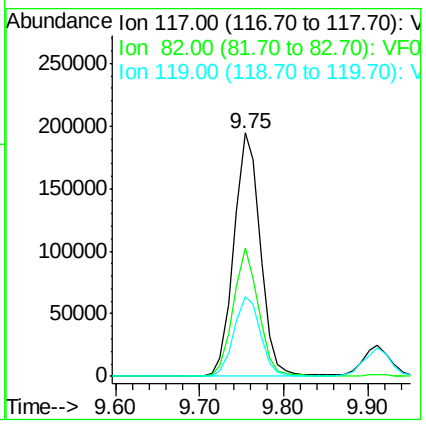




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:117 Resp: 425926

Ion	Ratio	Lower	Upper
117	100		
82	52.7	39.3	58.9
119	33.0	26.6	40.0



Instrument :
MSVOA_F
ClientSampleId :
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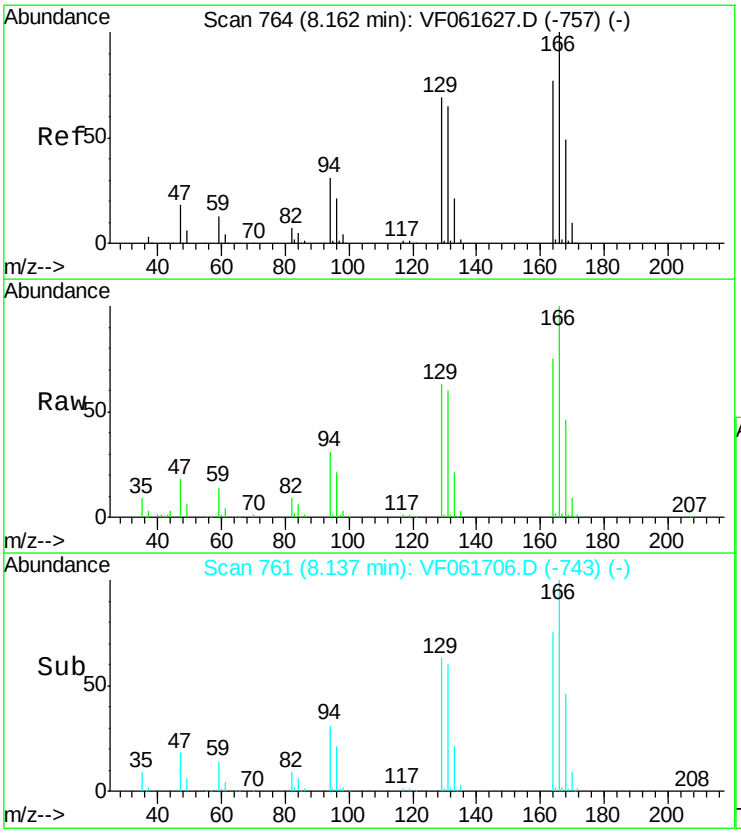
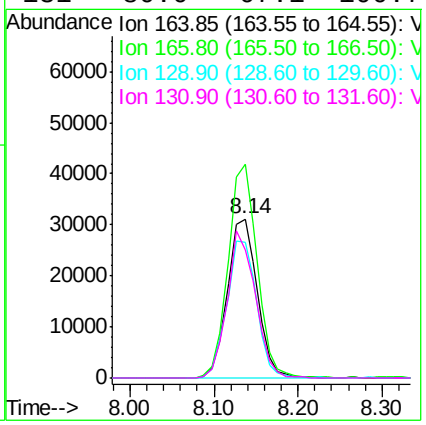
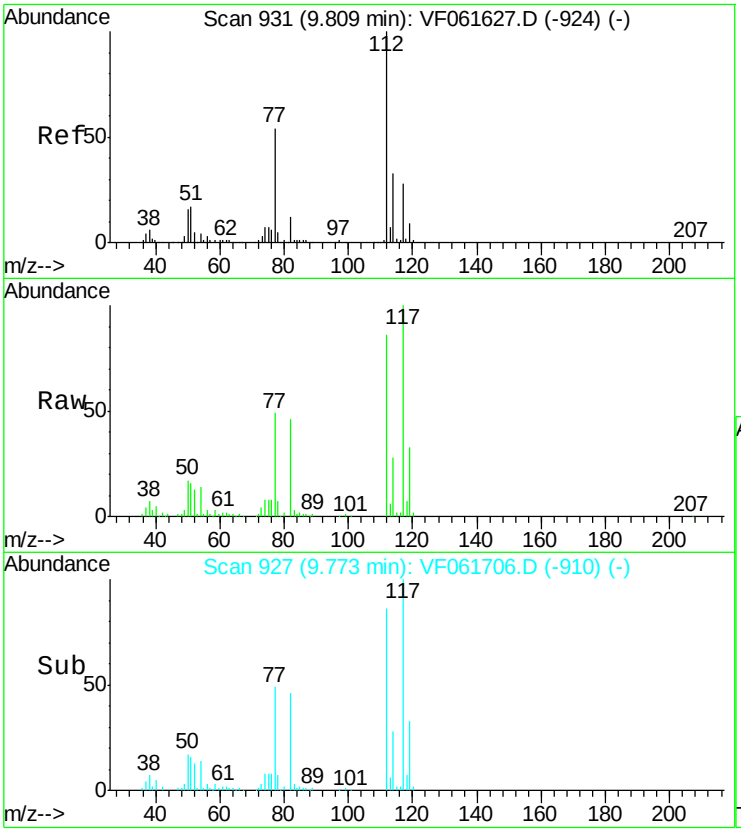


#64
Tetrachloroethene
Concen: 22.130 ug/l
RT: 8.14 min Scan# 761
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:164 Resp: 77046

Ion	Ratio	Lower	Upper
164	100		
166	134.1	103.9	155.9
129	85.0	71.3	106.9
131	80.0	67.1	100.7





#65
Chlorobenzene
Concen: 20.852 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:112 Resp: 180226

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.2

Instrument :
MSVOA_F
ClientSampleId :
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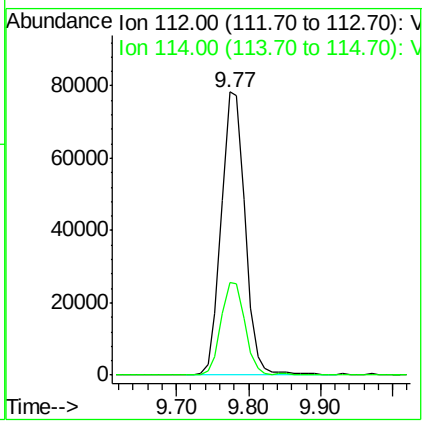
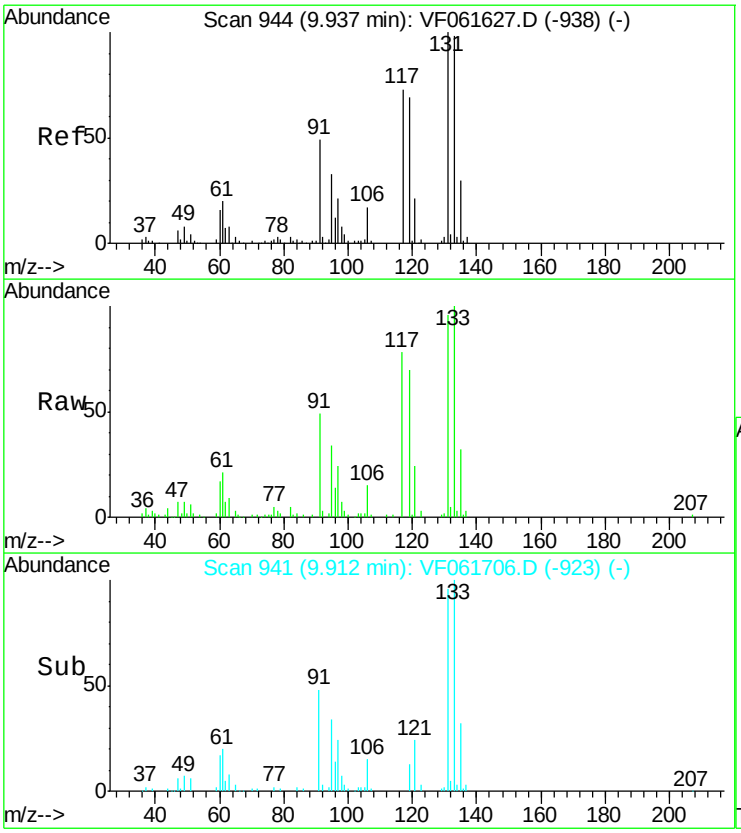
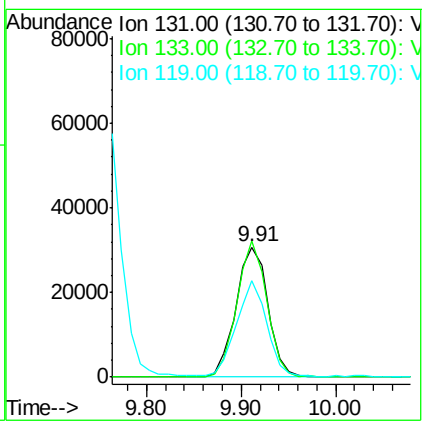


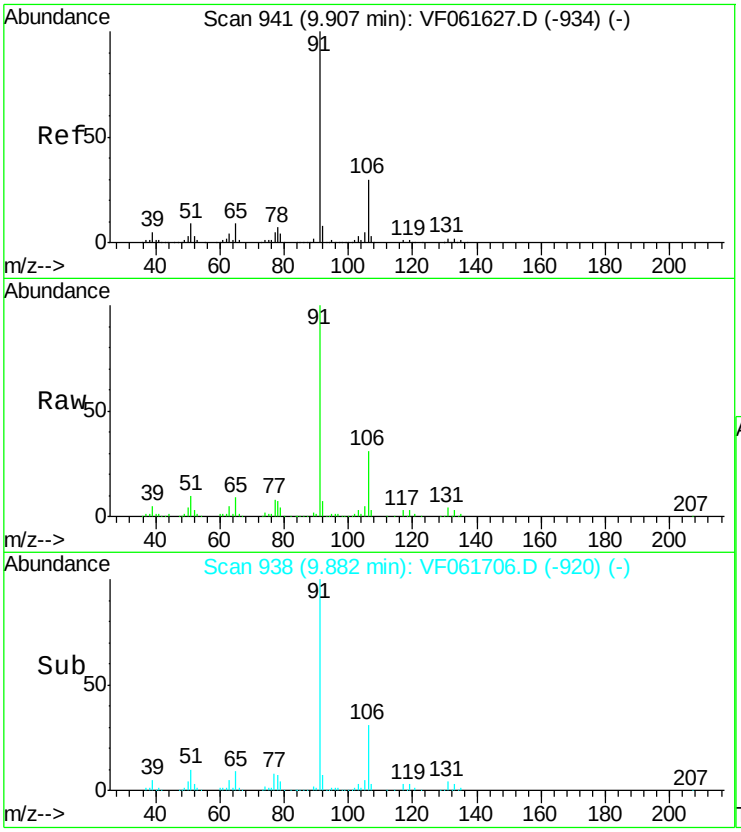


#66
1,1,1,2-Tetrachloroethane
Concen: 21.335 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:131 Resp: 72256

Ion	Ratio	Lower	Upper
131	100		
133	104.5	48.9	146.6
119	73.7	34.8	104.3

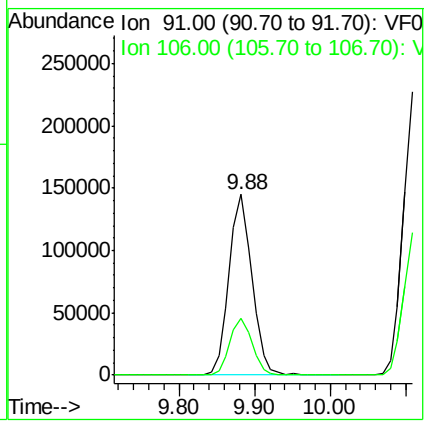




#67
Ethyl Benzene
Concen: 21.173 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 91 Resp: 304322

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.1	36.1



Instrument :
MSVOA_F
ClientSampleId :
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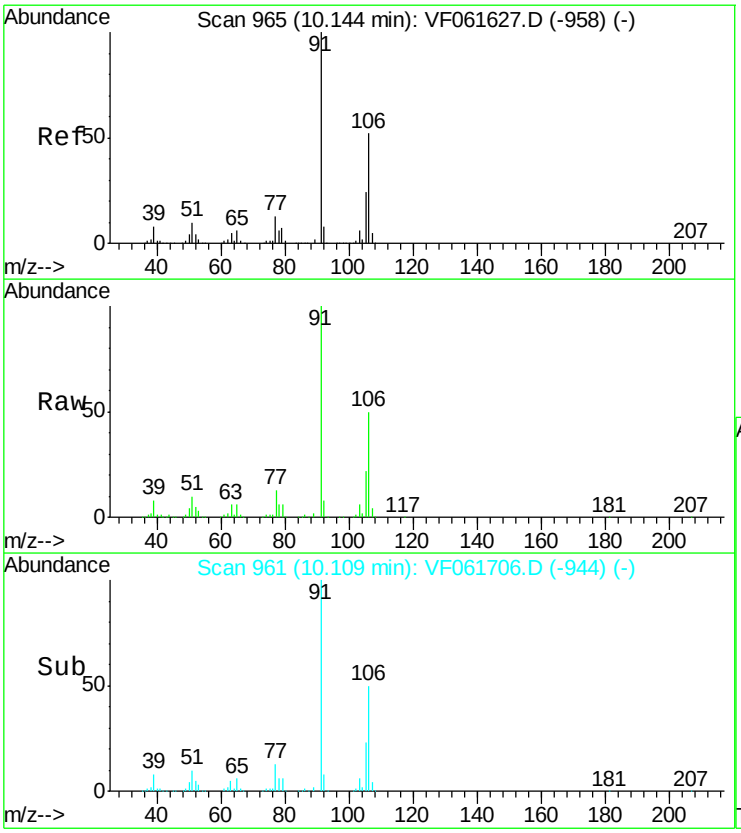
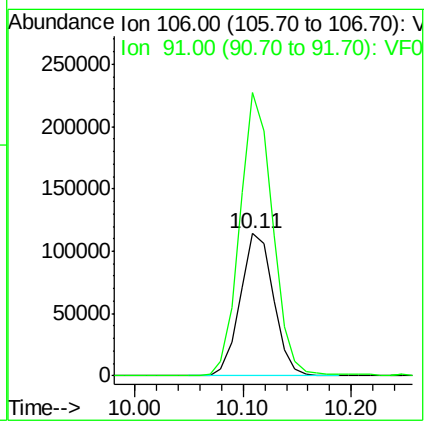
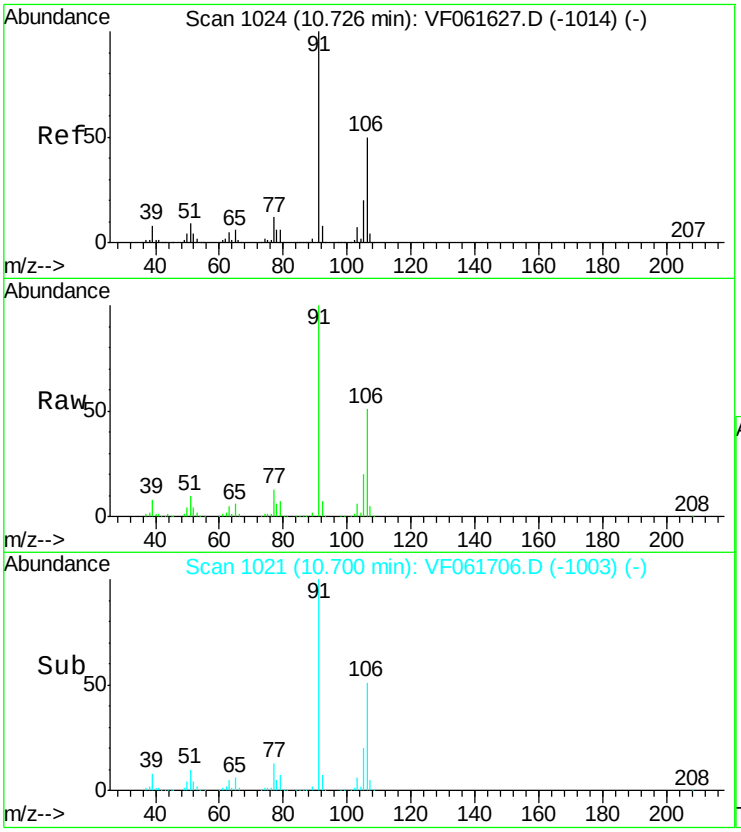


#68
m/p-Xylenes
Concen: 44.683 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.04 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:106 Resp: 245796

Ion	Ratio	Lower	Upper
106	100		
91	198.8	153.0	229.6

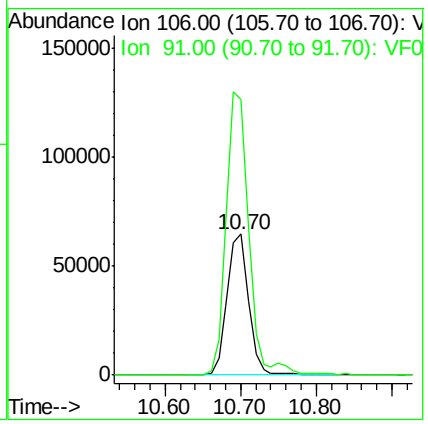




#69
o-Xylene
Concen: 21.743 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:106 Resp: 127624

Ion	Ratio	Lower	Upper
106	100		
91	195.8	100.1	300.1



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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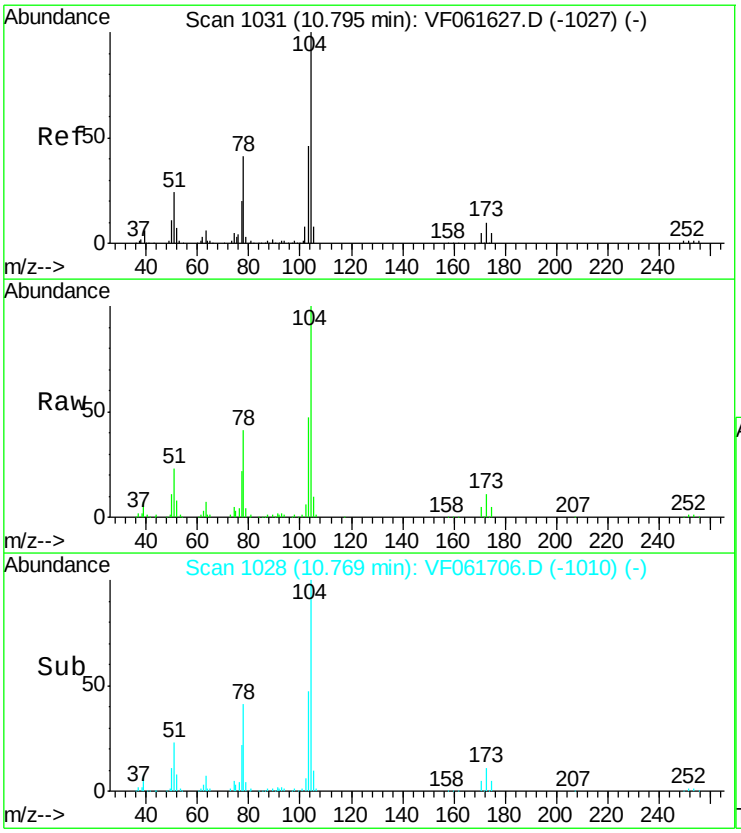
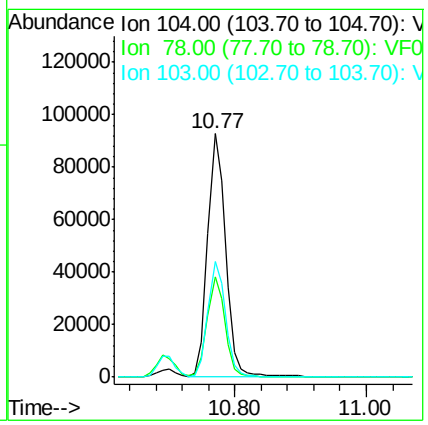
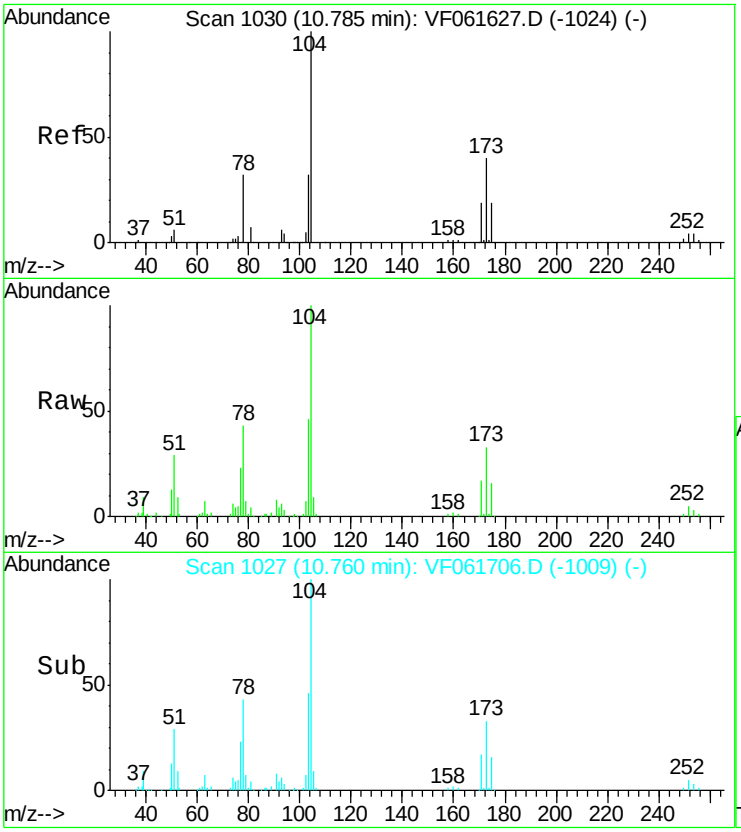


#70
Styrene
Concen: 20.831 ug/l
RT: 10.77 min Scan# 1028
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:104 Resp: 172972

Ion	Ratio	Lower	Upper
104	100		
78	41.2	33.2	49.8
103	47.3	37.2	55.8

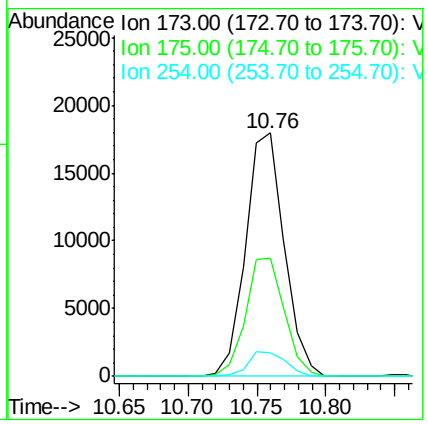




#71
Bromoform
Concen: 19.083 ug/l
RT: 10.76 min Scan# 1027
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:173 Resp: 35096

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.0	72.0
254	9.9	8.2	12.2



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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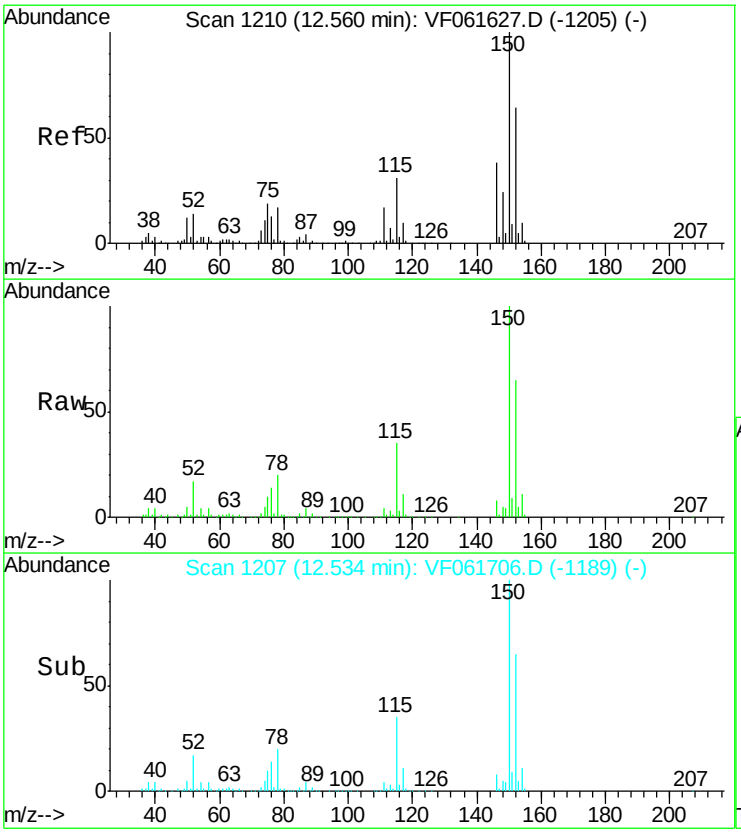
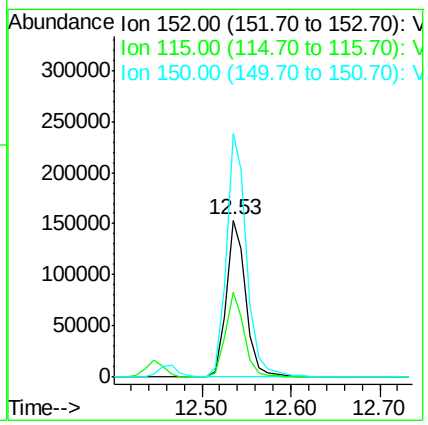
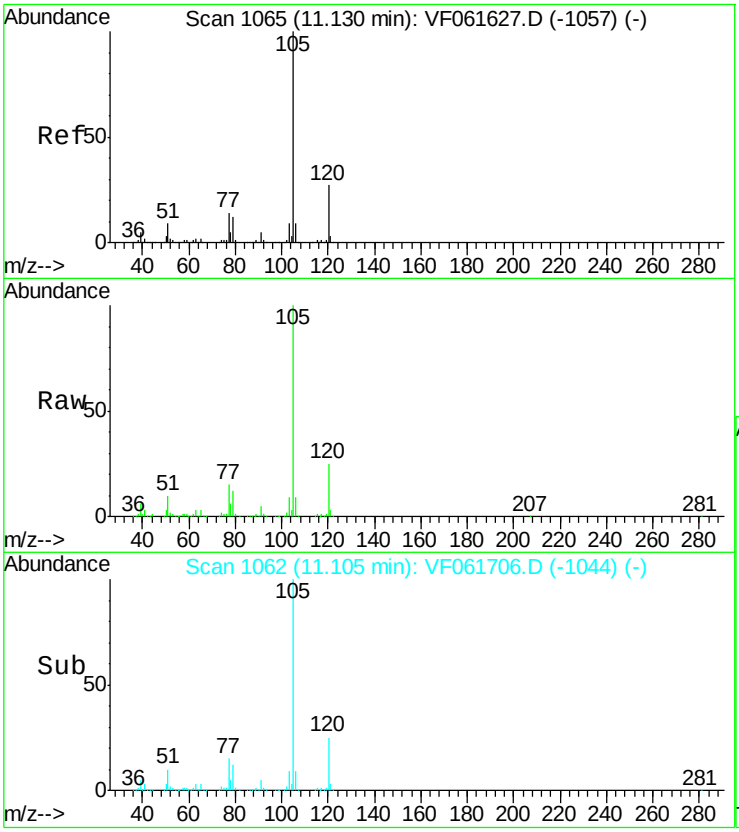


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:152 Resp: 239372

Ion	Ratio	Lower	Upper
152	100		
115	54.2	24.3	72.8
150	154.9	0.0	312.0





#73
Isopropylbenzene
Concen: 21.977 ug/l
RT: 11.10 min Scan# 1062
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:105 Resp: 374550

Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.4	40.1

Instrument :
MSVOA_F
ClientSampleId :
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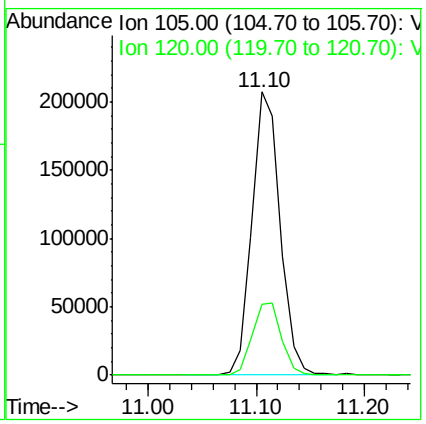
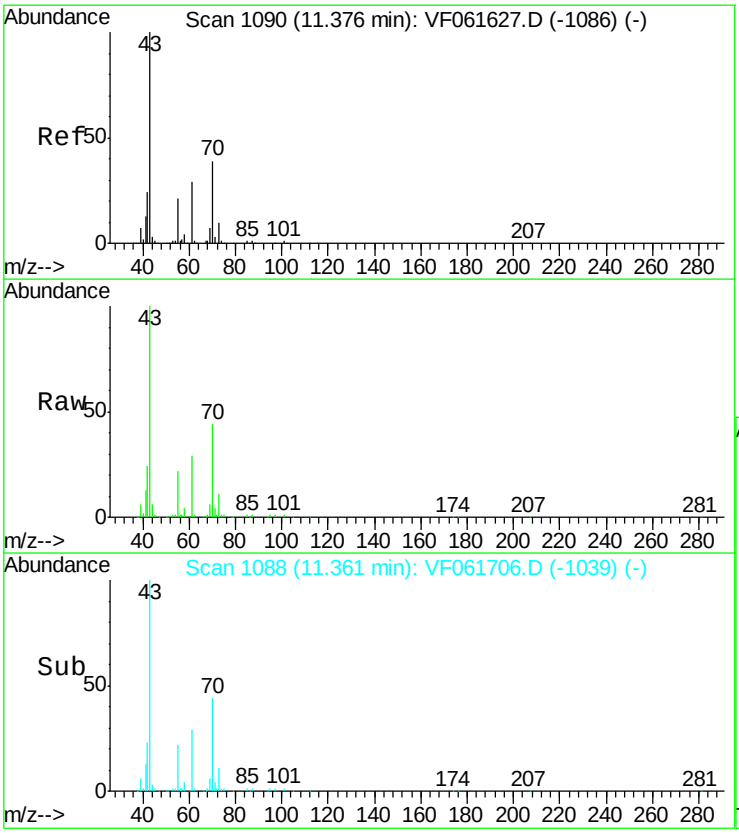
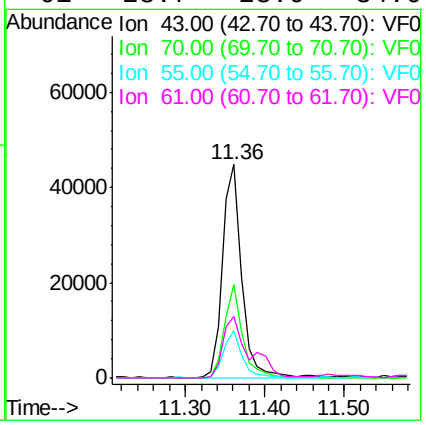


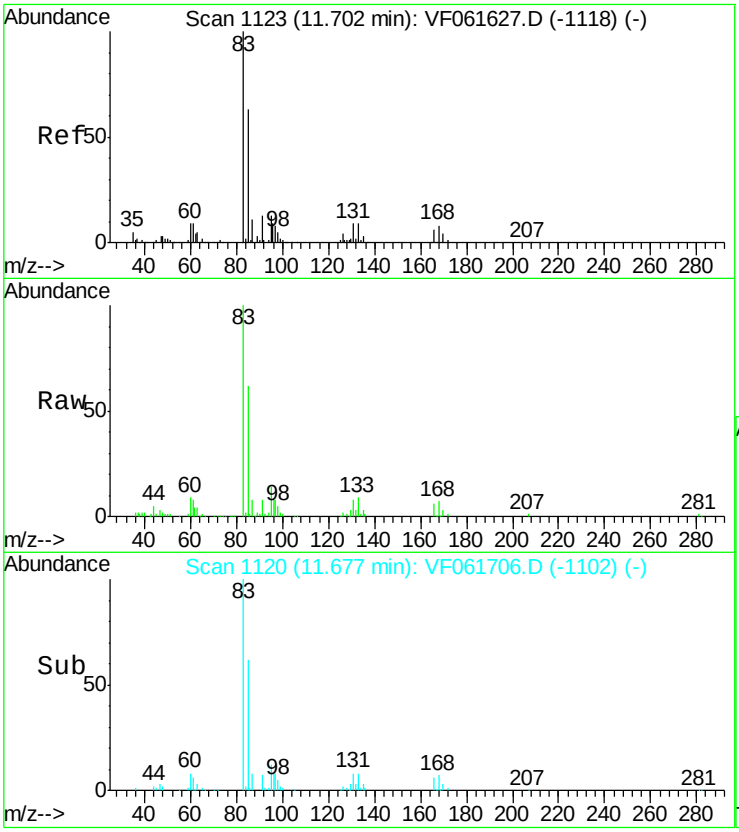


#74
N-amyl acetate
Concen: 18.876 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 43 Resp: 77216

Ion	Ratio	Lower	Upper
43	100		
70	43.9	31.5	47.3
55	22.5	16.7	25.1
61	28.7	23.0	34.6

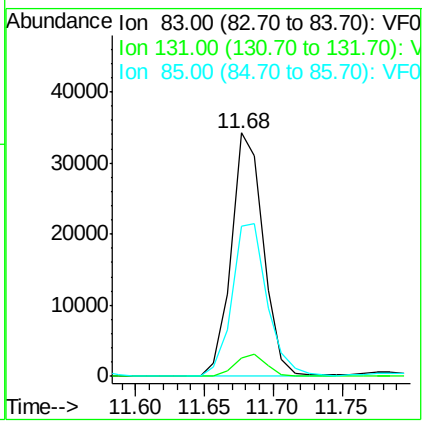




#75
1,1,2,2-Tetrachloroethane
Concen: 18.270 ug/l
RT: 11.68 min Scan# 1120
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 83 Resp: 55782

Ion	Ratio	Lower	Upper
83	100		
131	7.7	4.4	13.2
85	61.5	31.5	94.5



Instrument :
MSVOA_F
ClientSampleId :
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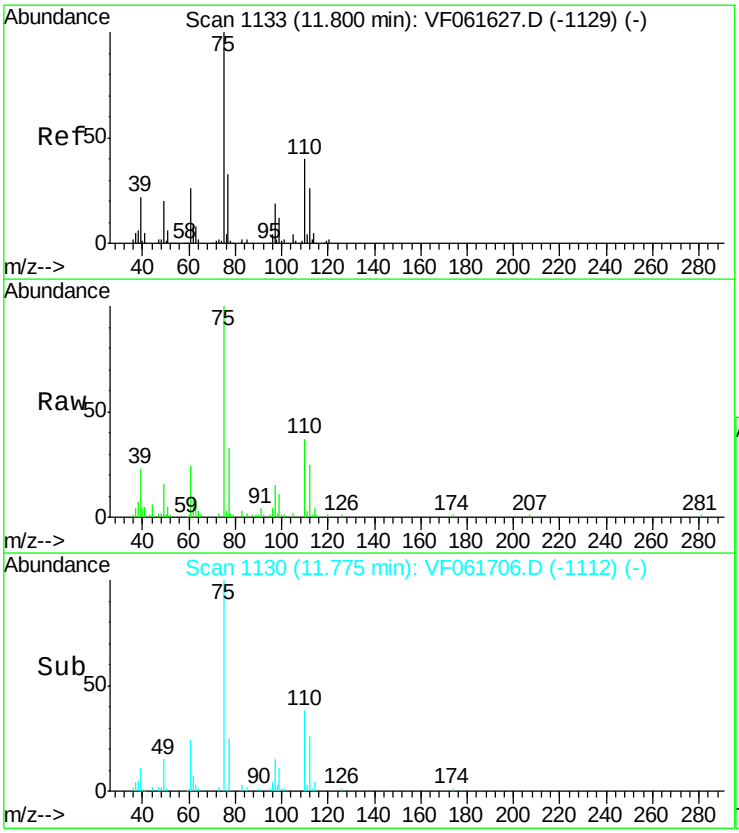
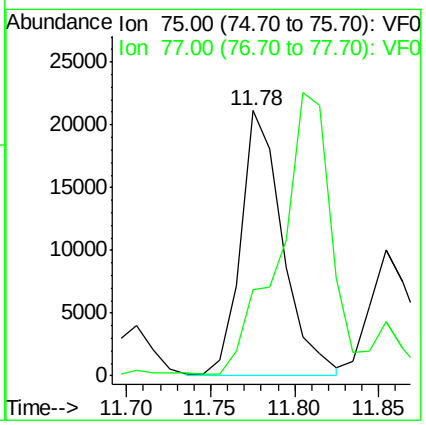
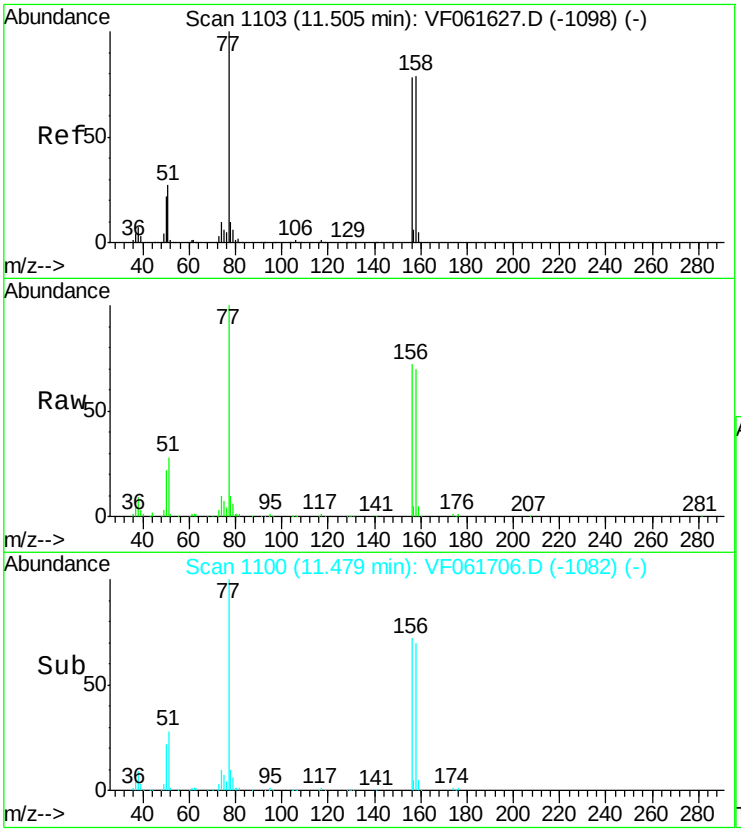


#76
1,2,3-Trichloropropane
Concen: 17.525 ug/l
RT: 11.78 min Scan# 1130
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 75 Resp: 36380

Ion	Ratio	Lower	Upper
75	100		
77	32.8	16.6	49.7

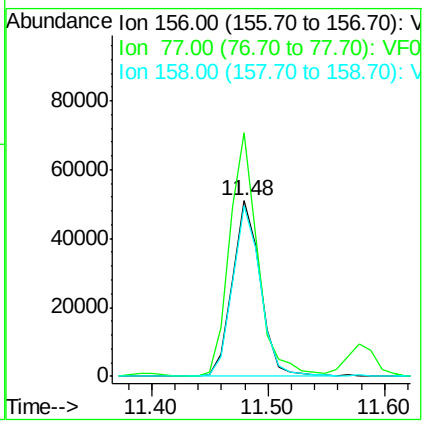




#77
Bromobenzene
Concen: 20.092 ug/l
RT: 11.48 min Scan# 1100
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:156 Resp: 84595

Ion	Ratio	Lower	Upper
156	100		
77	138.7	64.3	192.7
158	96.9	50.9	152.7



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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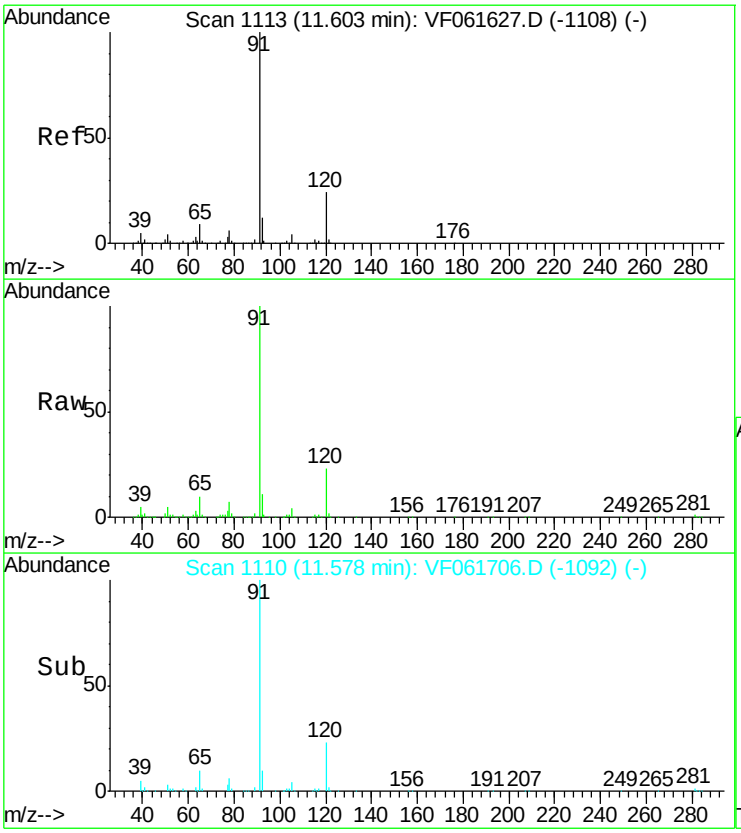
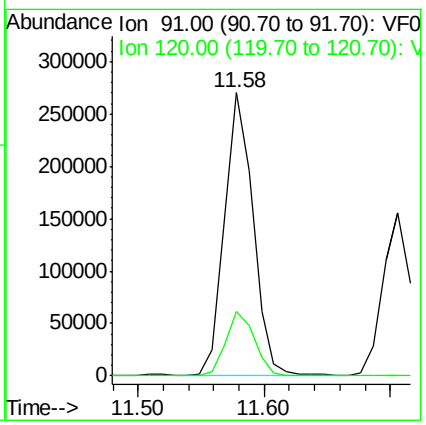
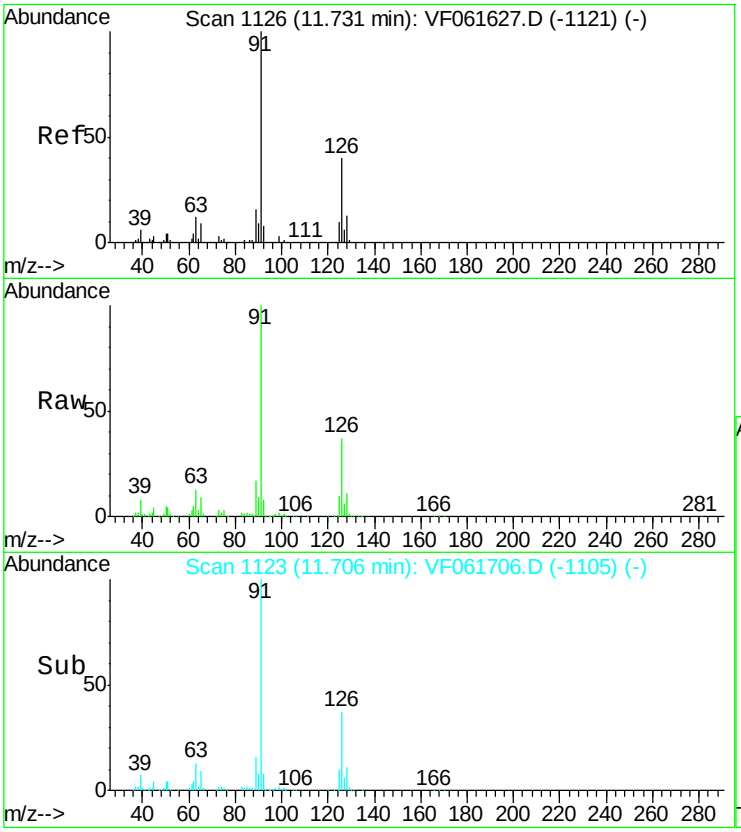


#78
n-propylbenzene
Concen: 21.487 ug/l
RT: 11.58 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 91 Resp: 420219

Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.1	36.3





#79
2-Chlorotoluene
Concen: 22.013 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 91 Resp: 241112

Ion	Ratio	Lower	Upper
91	100		
126	36.7	19.8	59.4

Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

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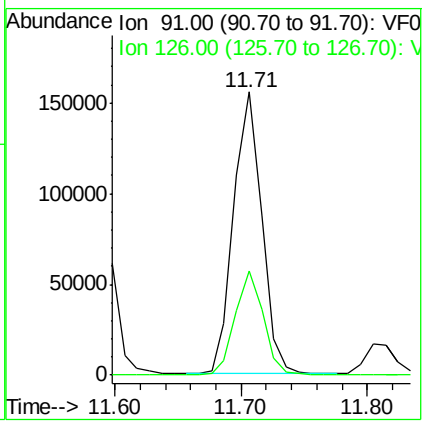
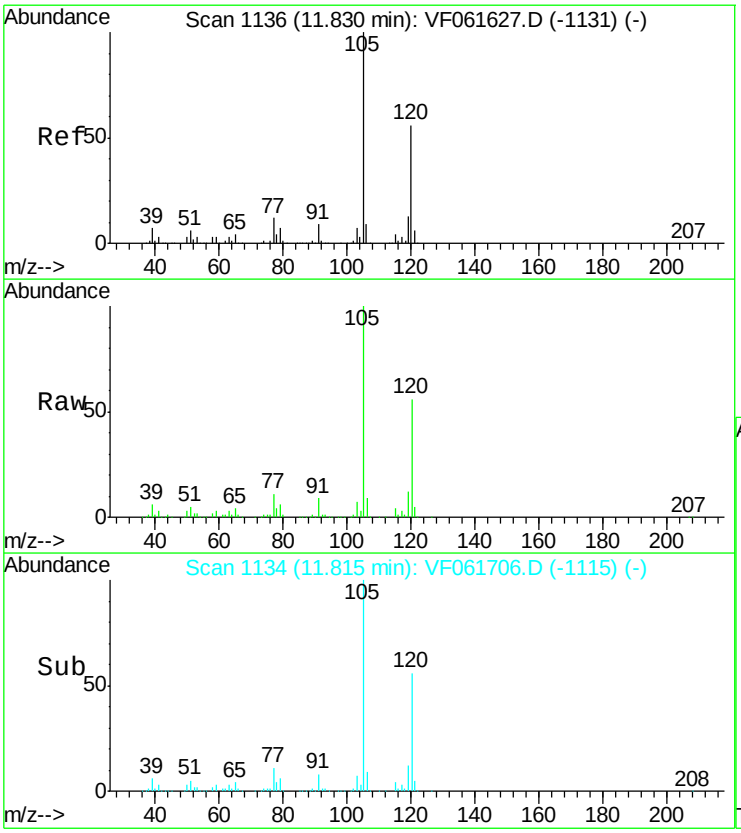
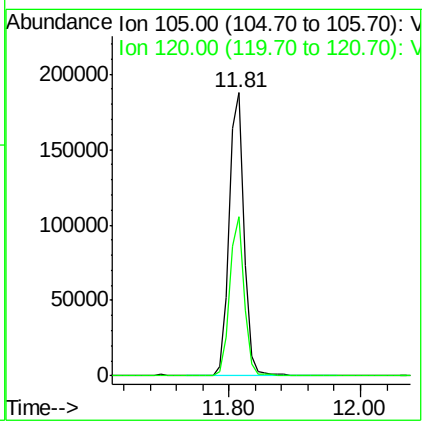


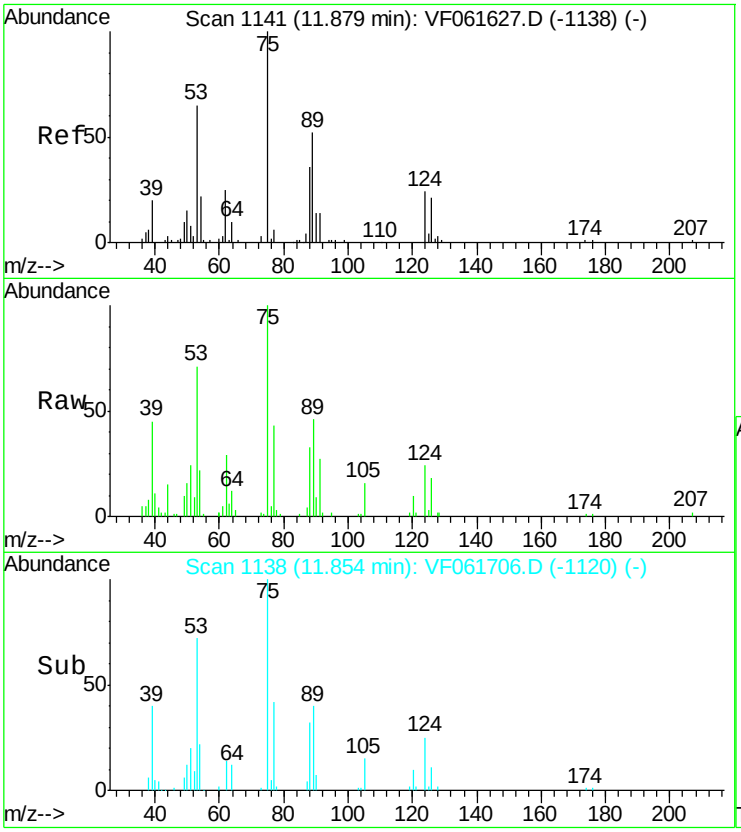


#80
1,3,5-Trimethylbenzene
Concen: 22.039 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:105 Resp: 300201

Ion	Ratio	Lower	Upper
105	100		
120	56.2	27.9	83.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.959 ug/l m
RT: 11.85 min Scan# 1138
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 75 Resp: 16878

Ion	Ratio	Lower	Upper
75	100		
53	70.8	53.7	80.5
89	46.3	41.6	62.4

Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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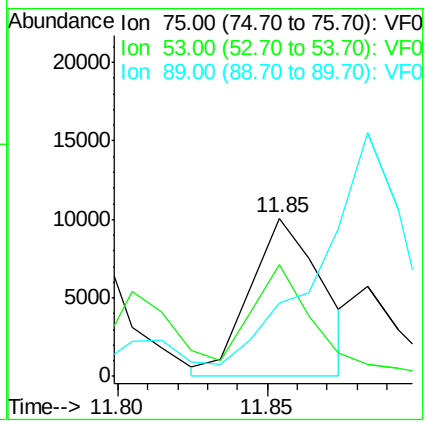
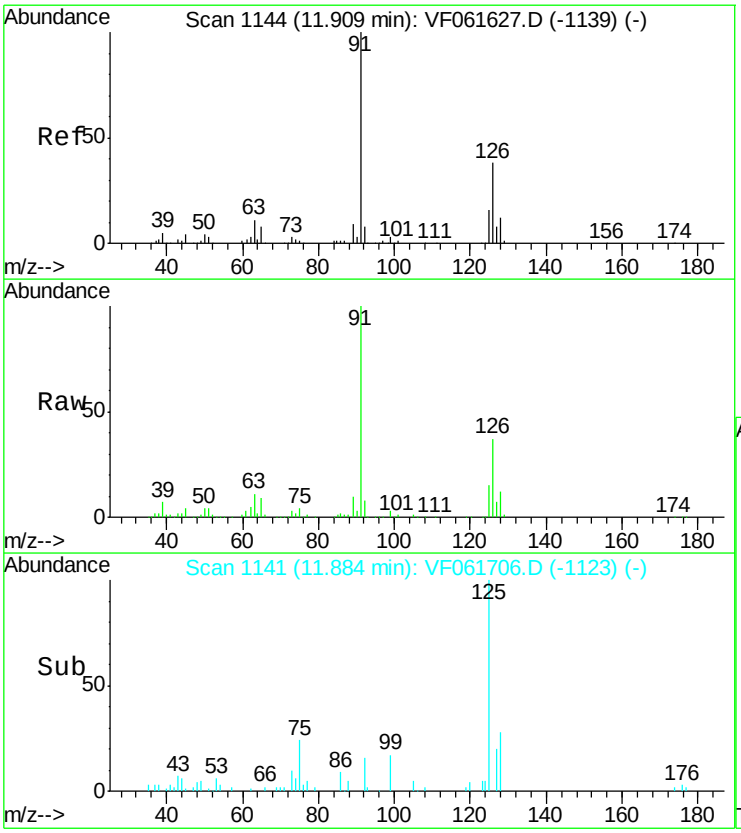
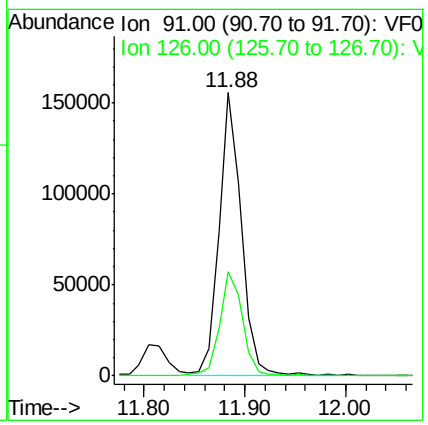


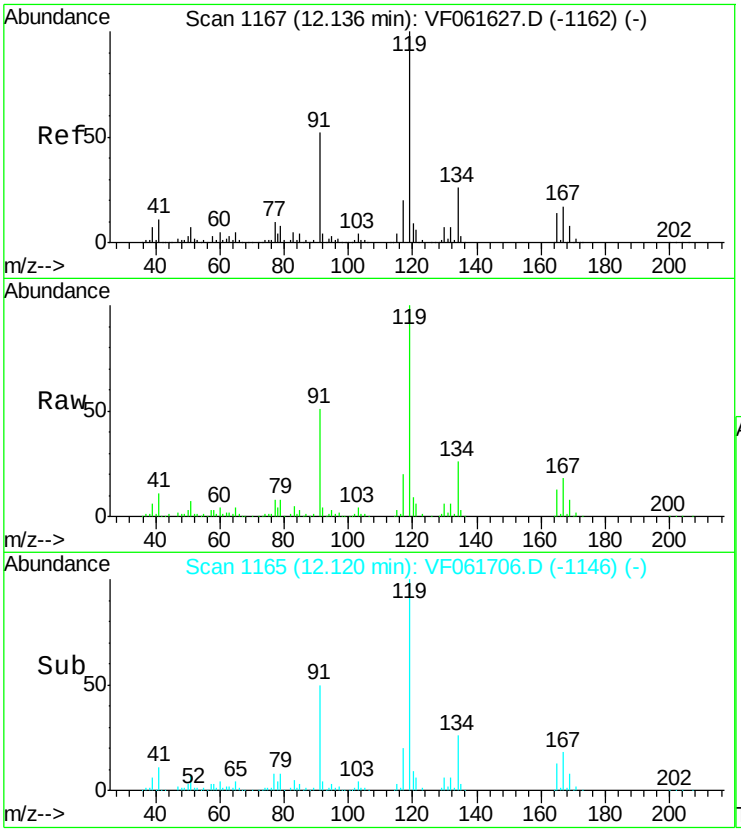


#82
4-Chlorotoluene
Concen: 20.960 ug/l
RT: 11.88 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 91 Resp: 238280

Ion	Ratio	Lower	Upper
91	100		
126	36.8	19.1	57.1

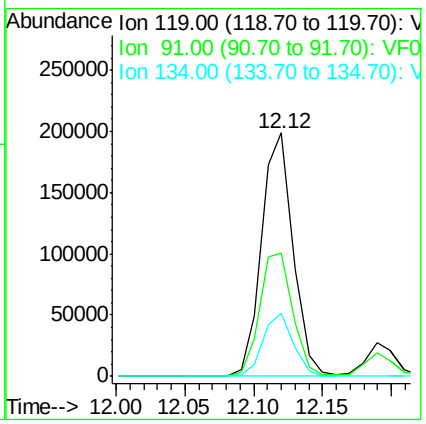




#83
tert-Butylbenzene
Concen: 21.054 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:119 Resp: 317645

Ion	Ratio	Lower	Upper
119	100		
91	50.9	26.3	78.8
134	25.9	12.9	38.7



Instrument :
MSVOA_F
ClientSampleId :
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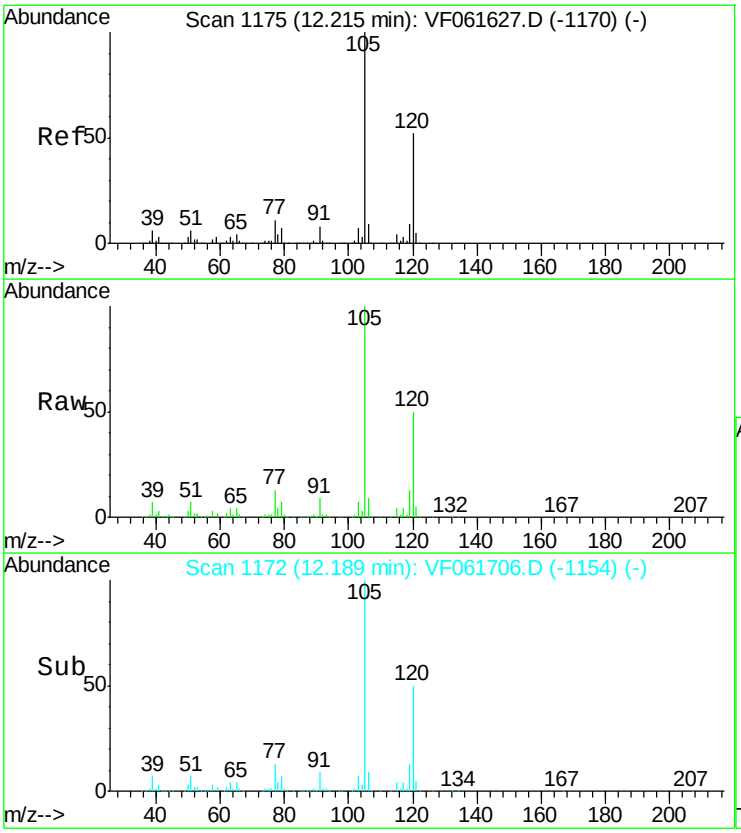
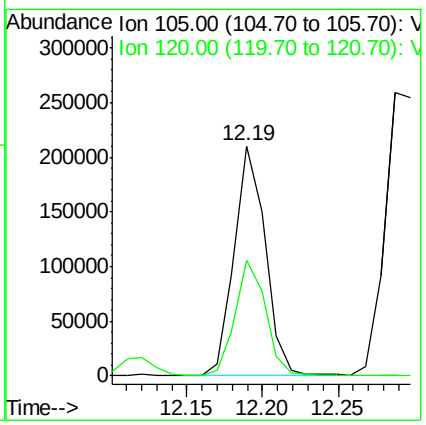
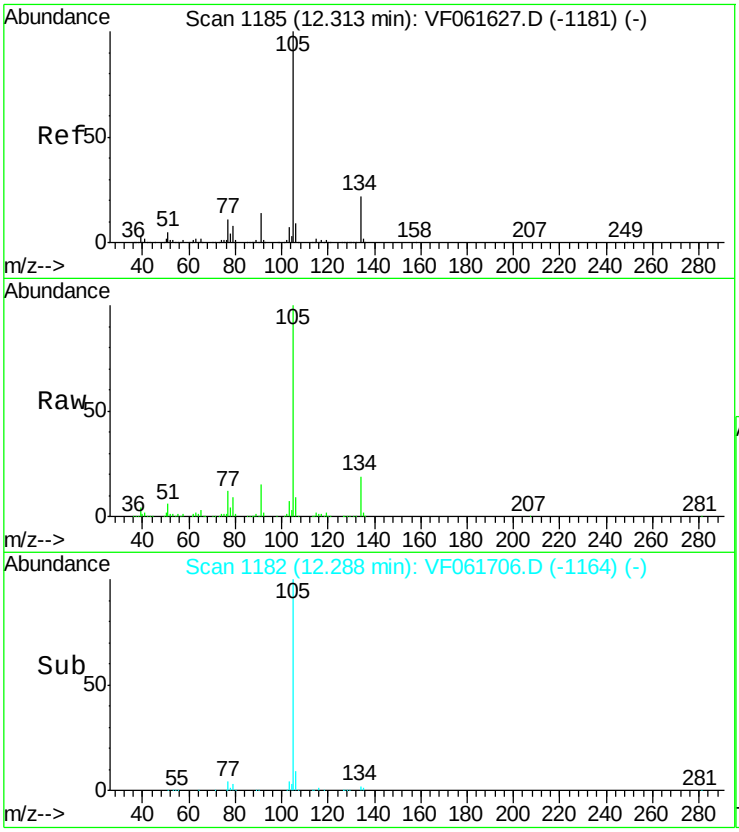


#84
1,2,4-Trimethylbenzene
Concen: 22.307 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:105 Resp: 301873

Ion	Ratio	Lower	Upper
105	100		
120	50.2	26.1	78.3





#85
sec-Butylbenzene
Concen: 21.987 ug/l
RT: 12.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:105 Resp: 428968

Ion	Ratio	Lower	Upper
105	100		
134	18.8	10.8	32.4

Instrument :
MSVOA_F
ClientSampleId :
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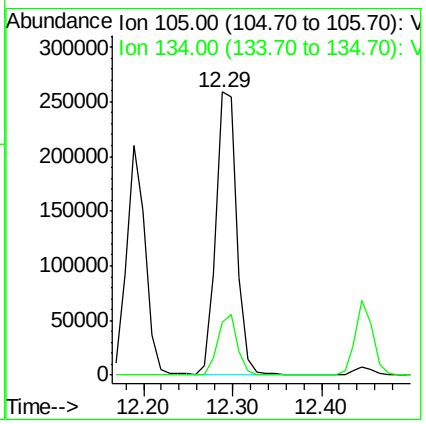
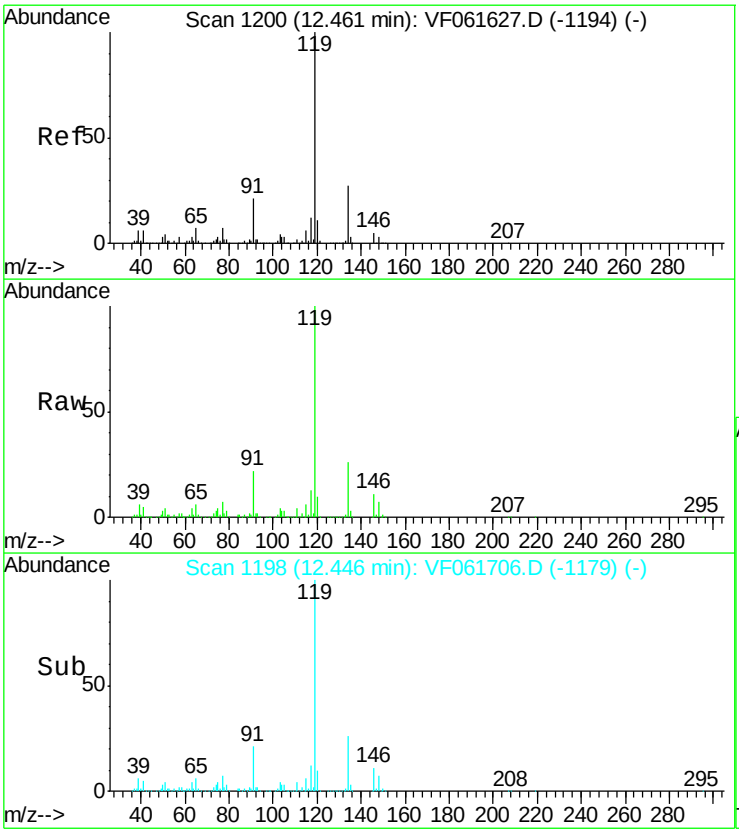
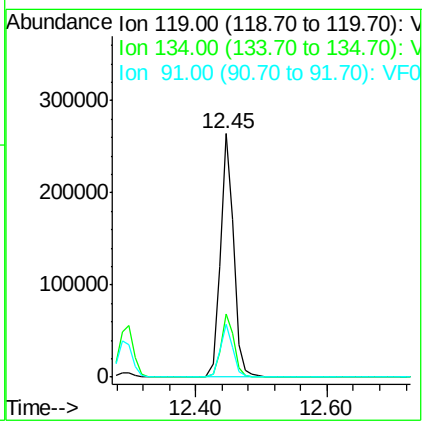


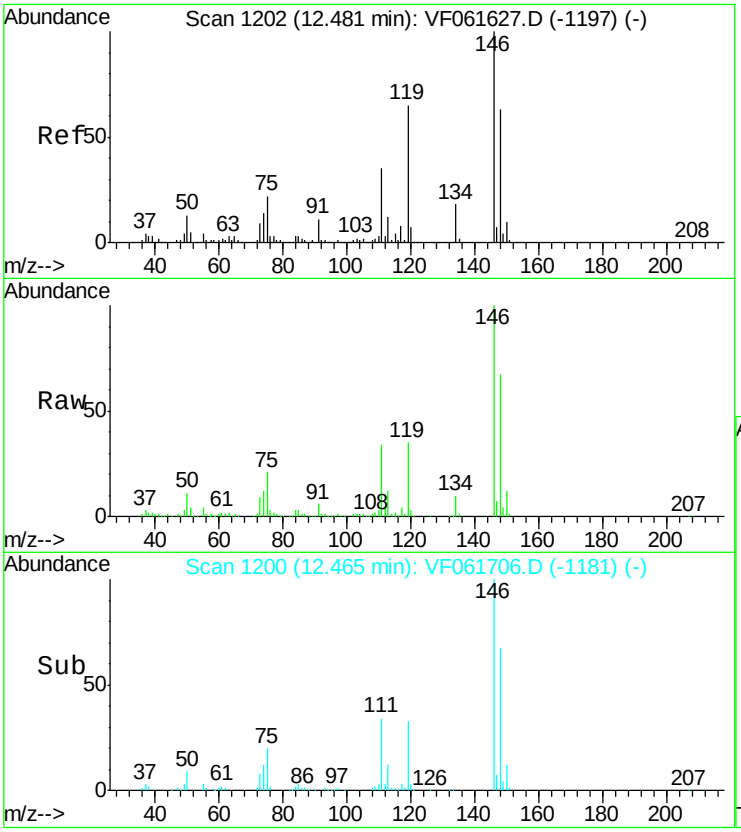


#86
p-Isopropyltoluene
Concen: 22.427 ug/l
RT: 12.45 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:119 Resp: 367213

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.7	41.1
91	21.5	10.8	32.4

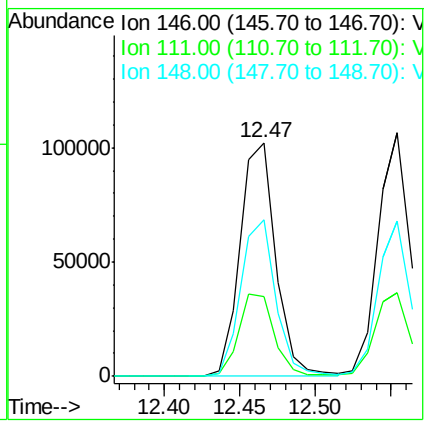




#87
1,3-Dichlorobenzene
Concen: 20.458 ug/l
RT: 12.47 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:146 Resp: 167920

Ion	Ratio	Lower	Upper
146	100		
111	34.0	17.5	52.6
148	66.8	31.4	94.3



Instrument :
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ClientSampleId :
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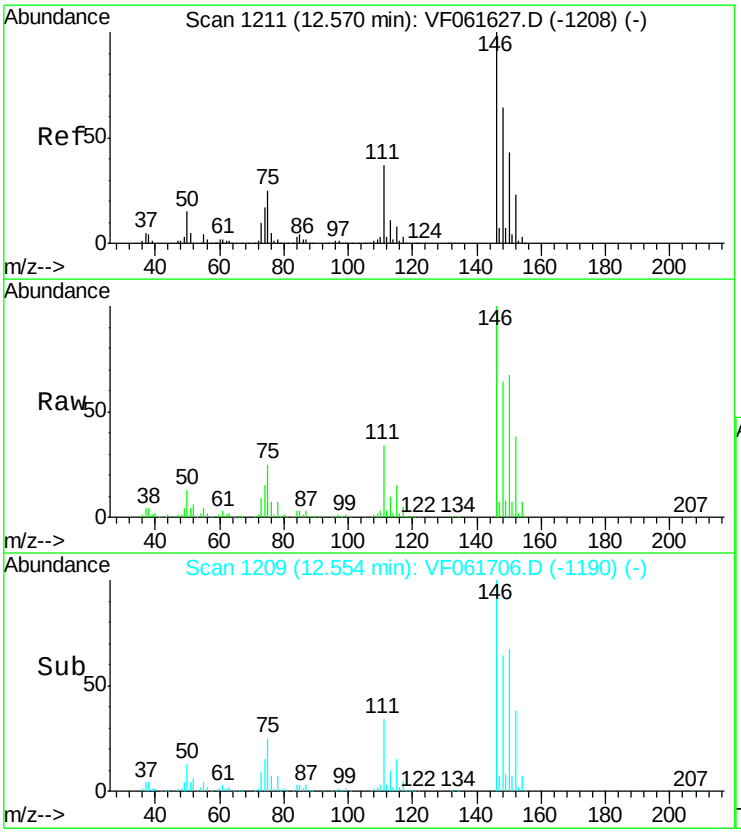
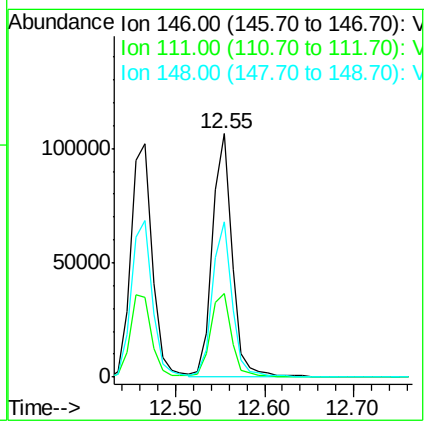
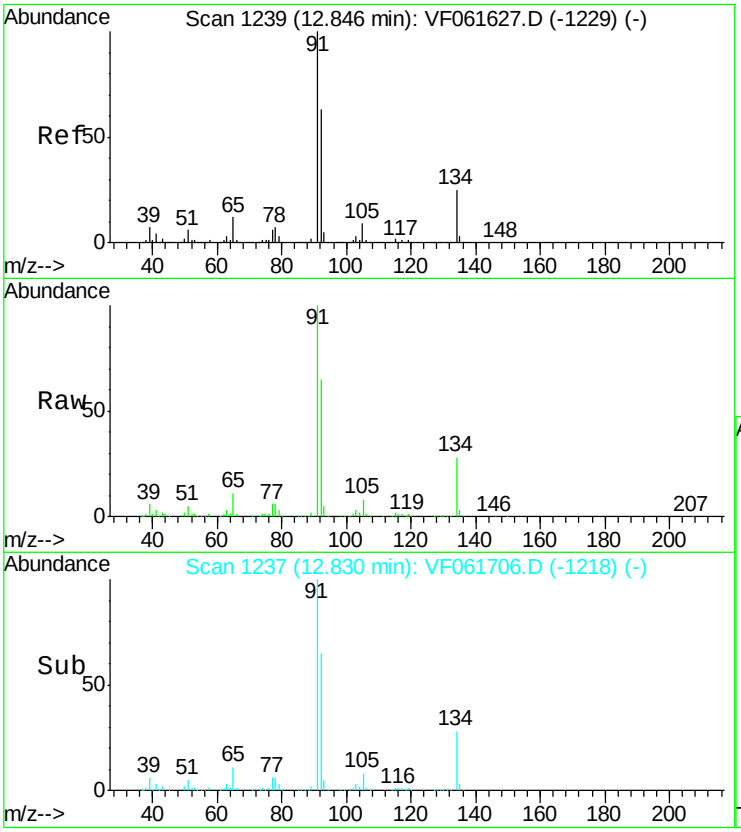


#88
1,4-Dichlorobenzene
Concen: 20.821 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:146 Resp: 164361

Ion	Ratio	Lower	Upper
146	100		
111	34.3	18.4	55.4
148	63.8	32.2	96.6

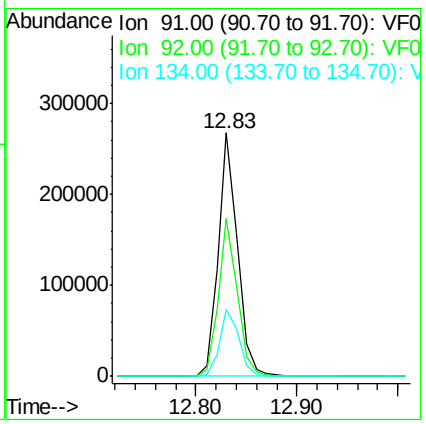




#89
n-Butylbenzene
Concen: 23.149 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 91 Resp: 357912

Ion	Ratio	Lower	Upper
91	100		
92	64.7	31.4	94.3
134	27.6	12.3	36.9



Instrument :
MSVOA_F
ClientSampleId :
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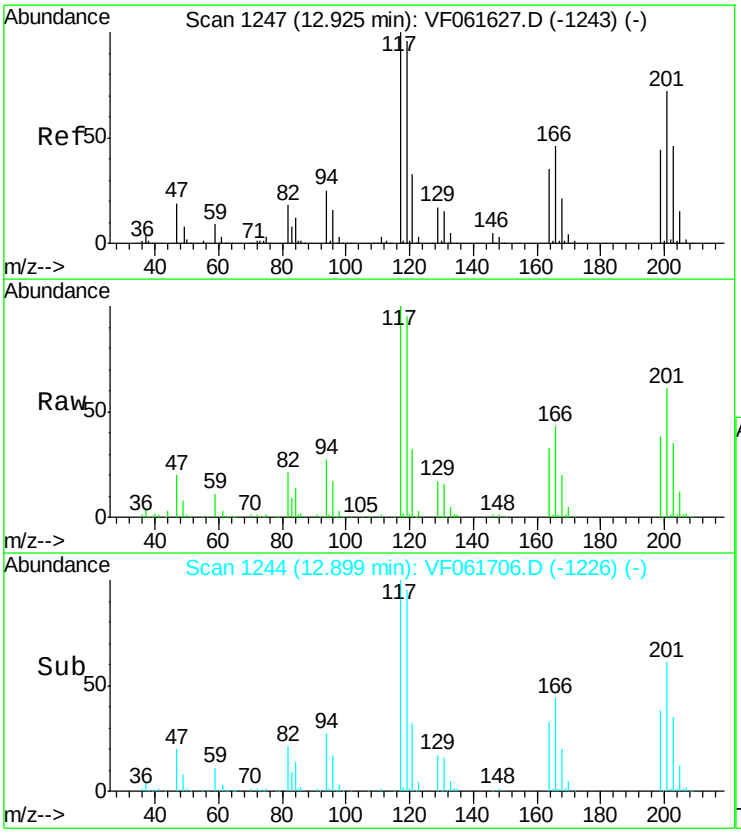
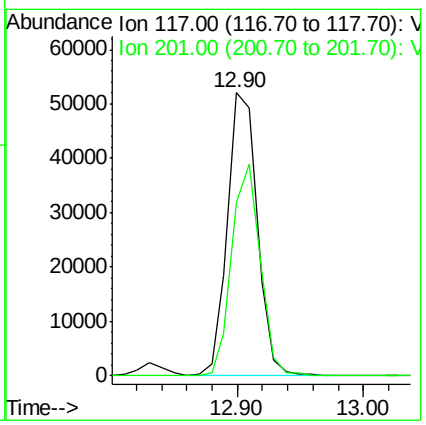
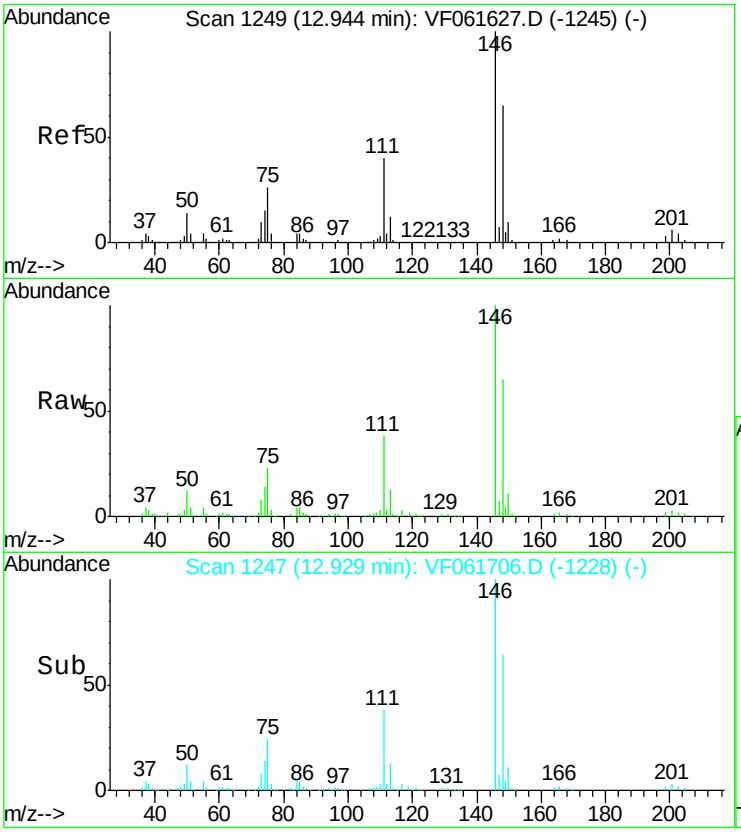


#90
Hexachloroethane
Concen: 22.389 ug/l
RT: 12.90 min Scan# 1244
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:117 Resp: 85260

Ion	Ratio	Lower	Upper
117	100		
201	61.2	36.2	108.6

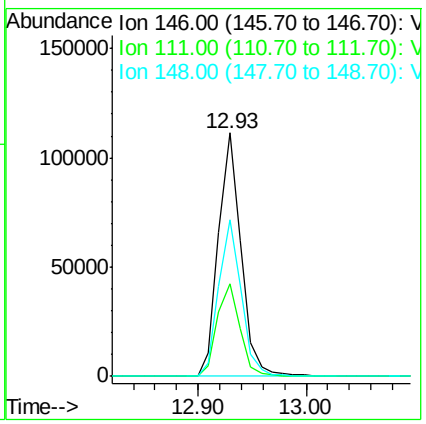




#91
1,2-Dichlorobenzene
Concen: 20.858 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:146 Resp: 162843

Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.2	60.5
148	64.5	32.3	96.9



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
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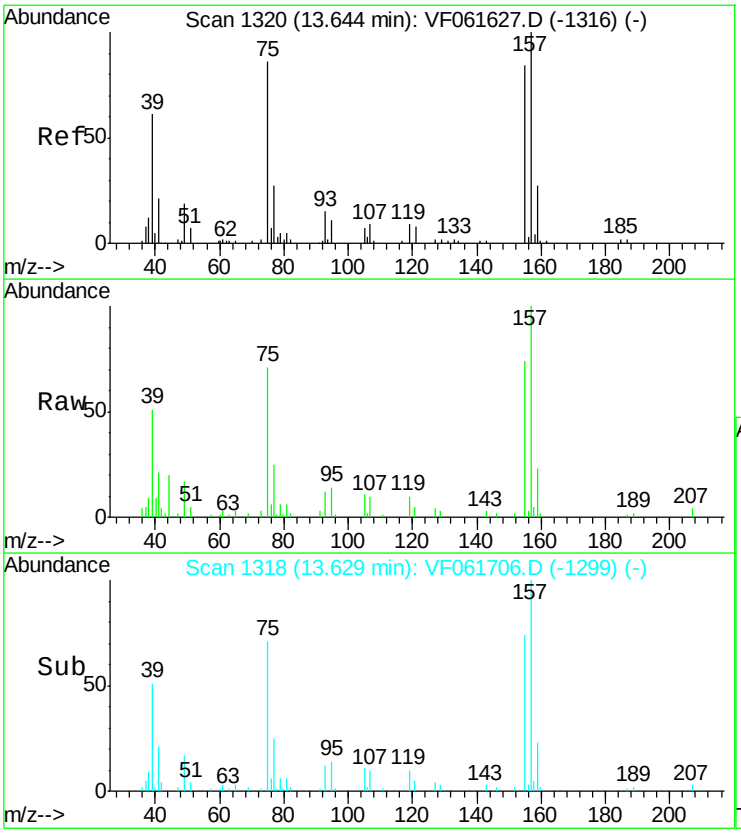
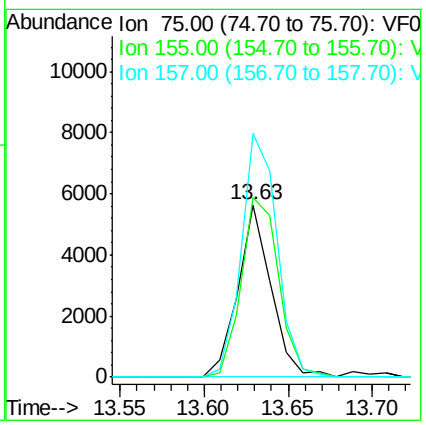
2/27/2019 5:40:48 PM

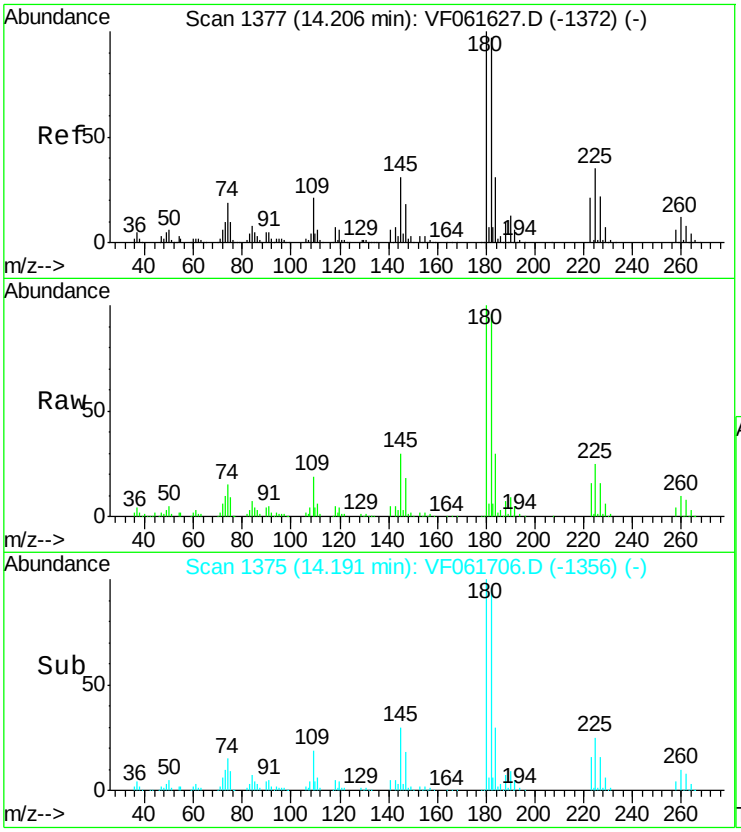


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.005 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion: 75 Resp: 7748

Ion	Ratio	Lower	Upper
75	100		
155	104.3	48.9	146.8
157	141.2	58.3	174.8

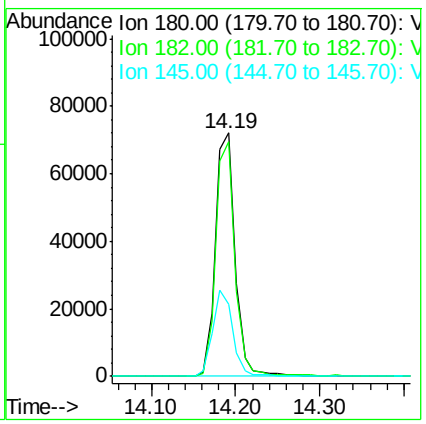




#93
1,2,4-Trichlorobenzene
Concen: 20.999 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

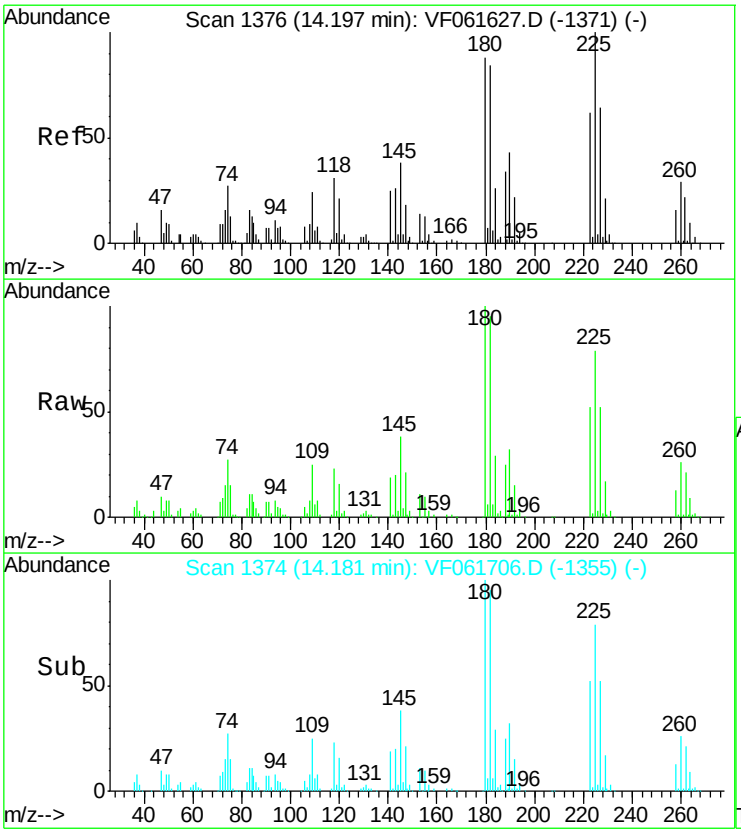
Tgt Ion:180 Resp: 117512

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.6	145.9
145	29.8	15.3	45.9



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

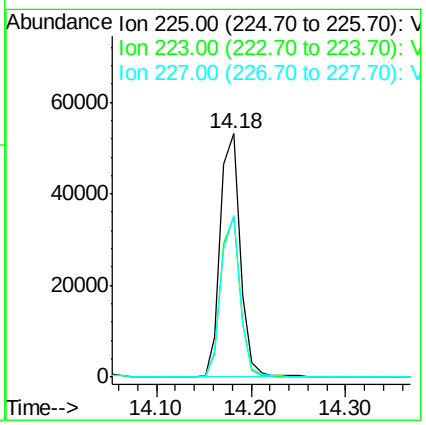
Manual Integrations APPROVED
MMDadoda
2/27/2019 5:40:48 PM

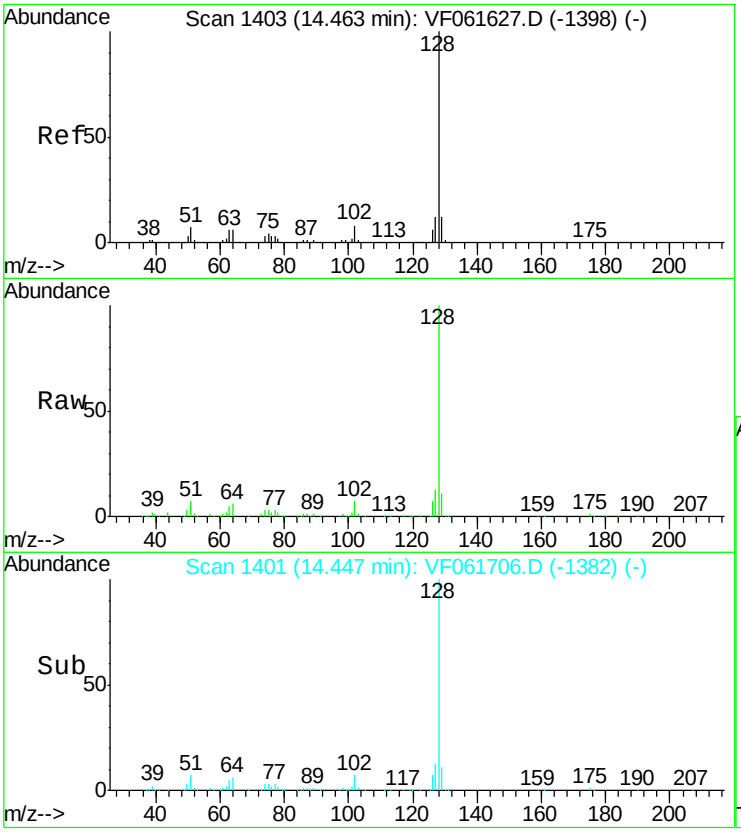


#94
Hexachlorobutadiene
Concen: 22.638 ug/l
RT: 14.18 min Scan# 1374
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:225 Resp: 78240

Ion	Ratio	Lower	Upper
225	100		
223	65.7	30.9	92.7
227	66.2	32.1	96.3

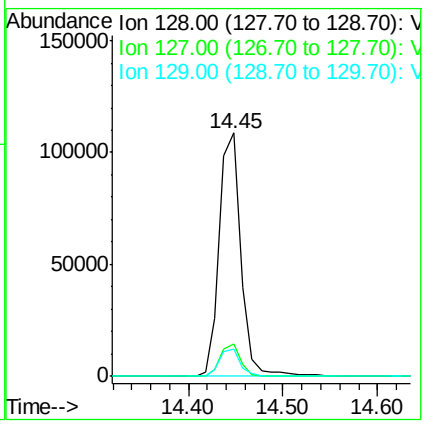




#95
Naphthalene
Concen: 17.674 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

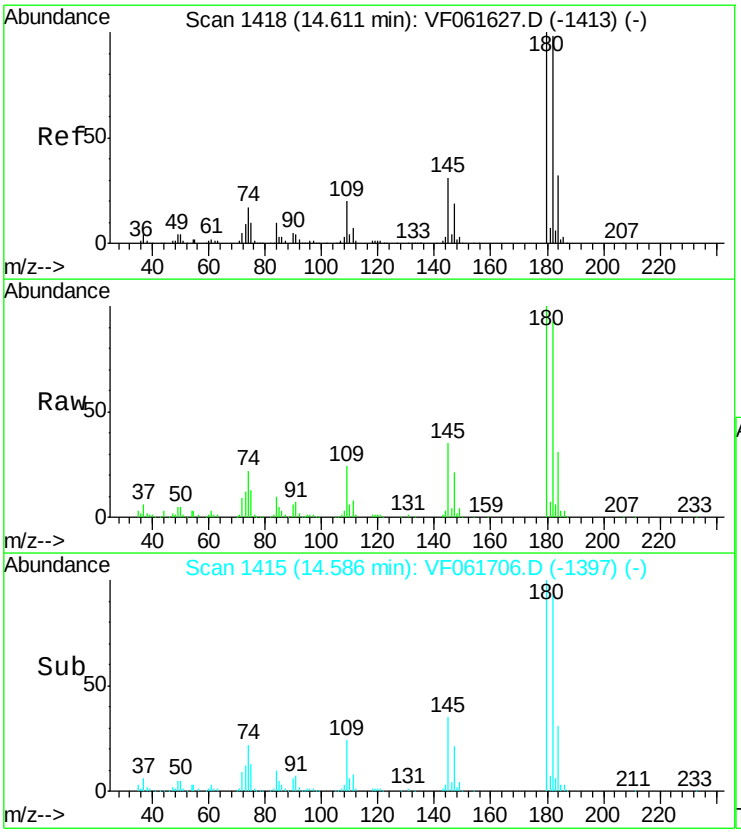
Tgt Ion:128 Resp: 173048

Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.8	14.6
129	11.1	9.4	14.2



Instrument :
MSVOA_F
ClientSampleId :
VF0222SBS01

Manual Integrations APPROVED
MMDadoda
2/27/2019 5:40:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.072 ug/l
RT: 14.59 min Scan# 1415
Delta R.T. -0.03 min
Lab File: VF061706.D
Acq: 22 Feb 2019 13:51

Tgt Ion:180 Resp: 103098

Ion	Ratio	Lower	Upper
180	100		
182	92.7	49.0	147.2
145	34.6	15.4	46.1