Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059257.D
Acq On : 21 Jun 2018 11:07
Operator : VA/AP
Sample : VF0620SBS02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Manual Integrations APPROVED
apatel
6/21/2018 4:19:31 PM

Quant Time: Jun 21 14:12:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	250639	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	403097	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.92	117	399828	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	253651	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.02	65	162358m	53.41 ug/l	0.00
Spiked Amount 50.000			Recovery =	106.82%	
35) Dibromofluoromethane	4.29	113	148464	52.49 ug/l	0.00
Spiked Amount 50.000			Recovery =	104.98%	
50) Toluene-d8	7.70	98	382375	46.02 ug/l	0.00
Spiked Amount 50.000			Recovery =	92.04%	
62) 4-Bromofluorobenzene	11.51	95	209118	49.07 ug/l	0.00
Spiked Amount 50.000			Recovery =	98.14%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	63372	22.34 ug/l	93
3) Chloromethane	1.08	50	37320	16.98 ug/l	92
4) Vinyl Chloride	1.15	62	39418	19.88 ug/l	99
5) Bromomethane	1.33	94	27473	23.78 ug/l	95
6) Chloroethane	1.42	64	18993	23.09 ug/l	89
7) Trichlorofluoromethane	1.48	101	76833m	24.93 ug/l	
8) Diethyl Ether	1.70	74	15755	20.32 ug/l	66
9) 1,1,2-Trichlorotrifluoroet	1.89	101	45637	23.24 ug/l	97
10) Methyl Iodide	1.95	142	76393	22.23 ug/l #	86
11) Tert butyl alcohol	2.67	59	18335	94.14 ug/l #	92
12) 1,1-Dichloroethene	1.84	96	38254	23.16 ug/l	98
13) Acrolein	2.08	56	10830	64.24 ug/l	90
14) Allyl chloride	2.18	41	69301	21.38 ug/l	90
15) Acrylonitrile	3.07	53	38116	98.54 ug/l #	89
16) Acetone	2.33	43	96478m	132.93 ug/l	
17) Carbon Disulfide	1.84	76	84861	18.30 ug/l	100
18) Methyl Acetate	2.45	43	28136	22.55 ug/l	99
19) Methyl tert-butyl Ether	2.53	73	127181	24.81 ug/l	94
20) Methylene Chloride	2.27	84	41177	23.70 ug/l	90
21) trans-1,2-Dichloroethene	2.41	96	38316	21.16 ug/l	87
22) Diisopropyl ether	2.92	45	143157	22.47 ug/l	100
23) Vinyl Acetate	3.32	43	488127	116.19 ug/l	99
24) 1,1-Dichloroethane	3.00	63	91537	23.70 ug/l	98
25) 2-Butanone	4.51	43	119144	105.89 ug/l	96
26) 2,2-Dichloropropane	3.76	77	68204	24.34 ug/l	100
27) cis-1,2-Dichloroethene	3.63	96	58643	21.04 ug/l	94
28) Bromochloromethane	3.89	49	42760	24.59 ug/l #	94
29) Tetrahydrofuran	4.25	42	51601	104.08 ug/l	97
30) Chloroform	4.03	83	129863	23.50 ug/l	97
31) Cyclohexane	3.87	56	64881	19.23 ug/l	97
32) 1,1,1-Trichloroethane	4.27	97	104245	25.27 ug/l	98
36) 1,1-Dichloropropene	4.45	75	86116	22.04 ug/l	94
37) Ethyl Acetate	4.28	43	49508	20.51 ug/l	99
38) Carbon Tetrachloride	4.16	117	104331m	24.64 ug/l	

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Operator : VA/AP
Sample : VF0620SBS02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Manual Integrations APPROVED
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Quant Time: Jun 21 14:12:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	5.62	83	80085	20.11 ug/l	92
40) Benzene	4.81	78	180200	19.87 ug/l	95
41) Methacrylonitrile	4.92	41	23551	19.86 ug/l	95
42) 1,2-Dichloroethane	5.11	62	98480	24.21 ug/l	97
43) Isopropyl Acetate	7.11	43	61068	18.89 ug/l #	95
44) Trichloroethene	5.67	130	63178	22.30 ug/l	100
45) 1,2-Dichloropropane	6.40	63	53409	20.42 ug/l #	88
46) Dibromomethane	6.25	93	43430	22.07 ug/l	97
47) Bromodichloromethane	6.55	83	105401	23.55 ug/l	94
48) Methyl methacrylate	6.87	41	37627	18.88 ug/l	96
49) 1,4-Dioxane	6.86	88	5027	330.65 ug/l #	82
51) 4-Methyl-2-Pentanone	8.40	43	238306	107.54 ug/l	97
52) Toluene	7.78	92	138252	21.16 ug/l	99
53) t-1,3-Dichloropropene	8.42	75	97064	22.39 ug/l	92
54) cis-1,3-Dichloropropene	7.45	75	106351	21.36 ug/l	99
55) 1,1,2-Trichloroethane	8.64	97	53926	22.78 ug/l	98
56) Ethyl methacrylate	8.75	69	58995	19.77 ug/l	93
57) 1,3-Dichloropropane	9.00	76	88959	21.97 ug/l	96
58) 2-Chloroethyl Vinyl ether	7.78	63	24168	113.28 ug/l	100
59) 2-Hexanone	9.62	43	203375	116.02 ug/l	94
60) Dibromochloromethane	8.86	129	78378	23.04 ug/l	99
61) 1,2-Dibromoethane	9.13	107	59639	21.68 ug/l	97
64) Tetrachloroethene	8.30	164	61371	20.93 ug/l	97
65) Chlorobenzene	9.94	112	178859	22.59 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	72005	22.86 ug/l	99
67) Ethyl Benzene	10.04	91	313710	22.80 ug/l	99
68) m/p-Xylenes	10.26	106	213633	41.48 ug/l	88
69) o-Xylene	10.82	106	121245	21.78 ug/l	92
70) Styrene	10.90	104	180681	21.45 ug/l	97
71) Bromoform	10.88	173	49005	22.91 ug/l #	94
73) Isopropylbenzene	11.23	105	366402	20.86 ug/l	99
74) N-amyl acetate	11.47	43	118792	18.94 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.78	83	83140	19.97 ug/l	95
76) 1,2,3-Trichloropropane	11.89	75	62761	20.41 ug/l	99
77) Bromobenzene	11.59	156	90045	20.37 ug/l	91
78) n-propylbenzene	11.68	91	428309	20.61 ug/l	94
79) 2-Chlorotoluene	11.81	91	255902	20.84 ug/l	95
80) 1,3,5-Trimethylbenzene	11.91	105	314260	21.62 ug/l	93
81) trans-1,4-Dichloro-2-buten	11.96	75	38565	19.34 ug/l	99
82) 4-Chlorotoluene	11.99	91	265447	20.30 ug/l	94
83) tert-Butylbenzene	12.21	119	318116	22.04 ug/l	99
84) 1,2,4-Trimethylbenzene	12.28	105	315083	20.92 ug/l	93
85) sec-Butylbenzene	12.39	105	420176	21.43 ug/l	98
86) p-Isopropyltoluene	12.54	119	355560	22.07 ug/l	96
87) 1,3-Dichlorobenzene	12.56	146	183495	22.49 ug/l	98
88) 1,4-Dichlorobenzene	12.65	146	177598	22.59 ug/l	97
89) n-Butylbenzene	12.91	91	367644	20.06 ug/l	91
90) Hexachloroethane	12.99	117	88741	22.37 ug/l	93
91) 1,2-Dichlorobenzene	13.02	146	174339	22.18 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	16892	20.68 ug/l	96

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Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Manual Integrations APPROVED
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Quant Time: Jun 21 14:12:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	127614	23.21	ug/l	95
94) Hexachlorobutadiene	14.26	225	75550	23.75	ug/l	97
95) Naphthalene	14.52	128	247996	21.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	119684	23.56	ug/l	93

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

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Manual Integrations APPROVED
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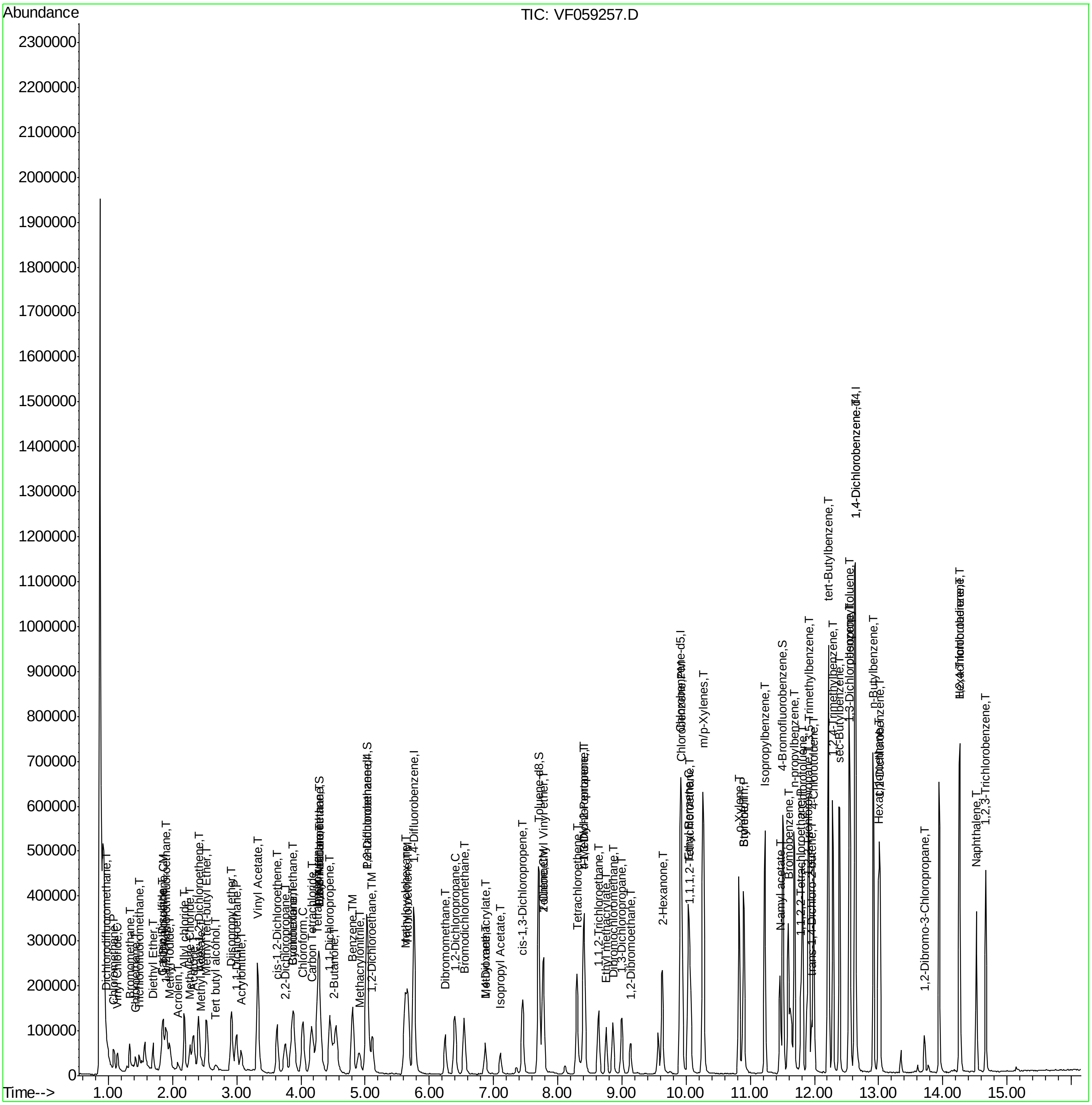

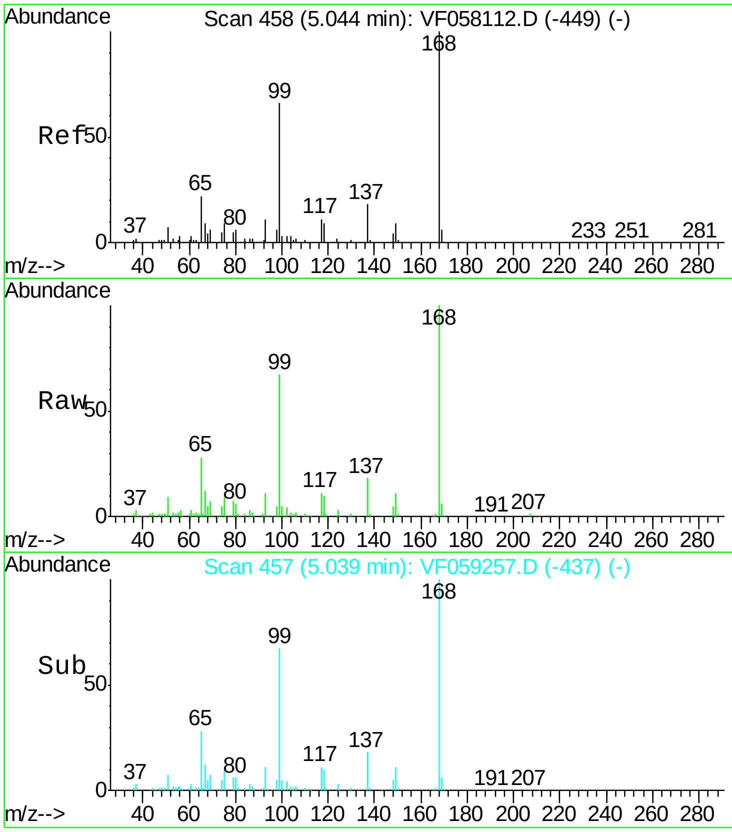

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min   Scan# 457
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion:168 Resp: 250639

Ion	Ratio	Lower	Upper
168	100		
99	67.1	52.9	79.3

Manual Integrations APPROVED
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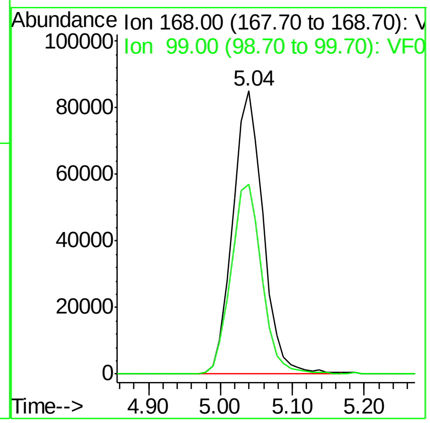
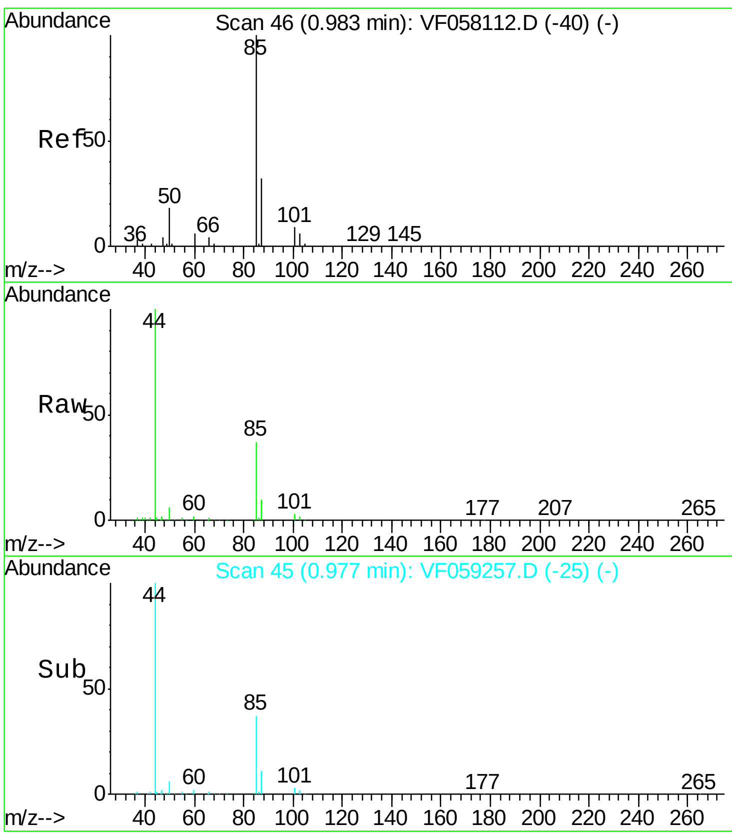
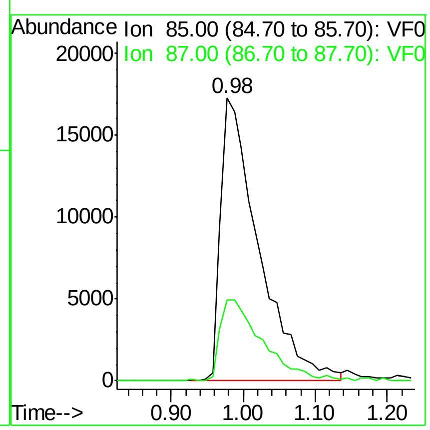


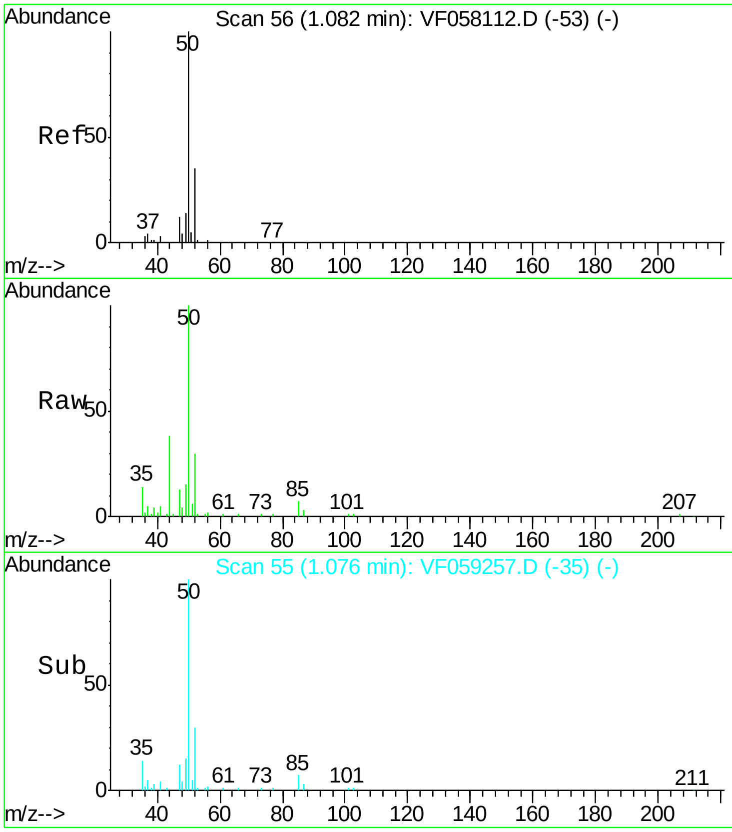


#2
Dichlorodifluoromethane
Concen: 22.34 ug/l
RT: 0.98 min   Scan# 45
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 85 Resp: 63372

Ion	Ratio	Lower	Upper
85	100		
87	28.5	16.2	48.6





#3
Chloromethane
Concen: 16.98 ug/l
RT: 1.08 min   Scan# 55
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 50 Resp: 37320

Ion	Ratio	Lower	Upper
50	100		
52	29.6	27.3	40.9

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Manual Integrations APPROVED
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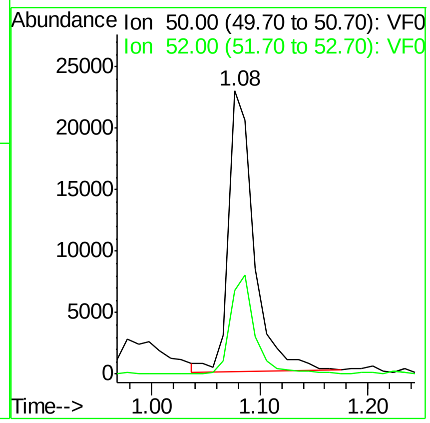
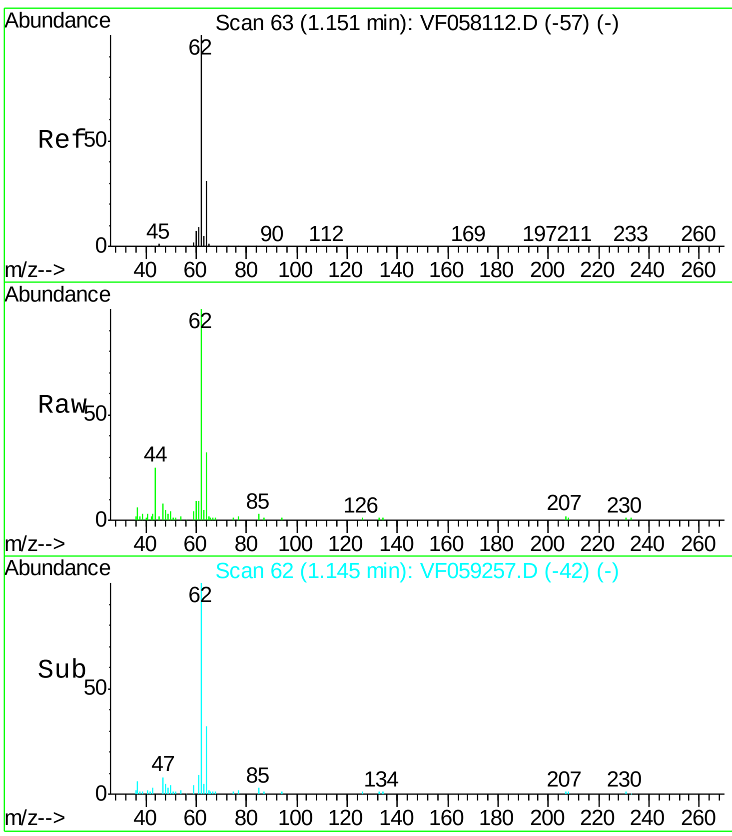
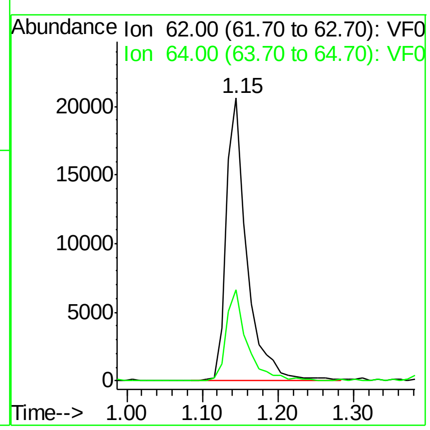


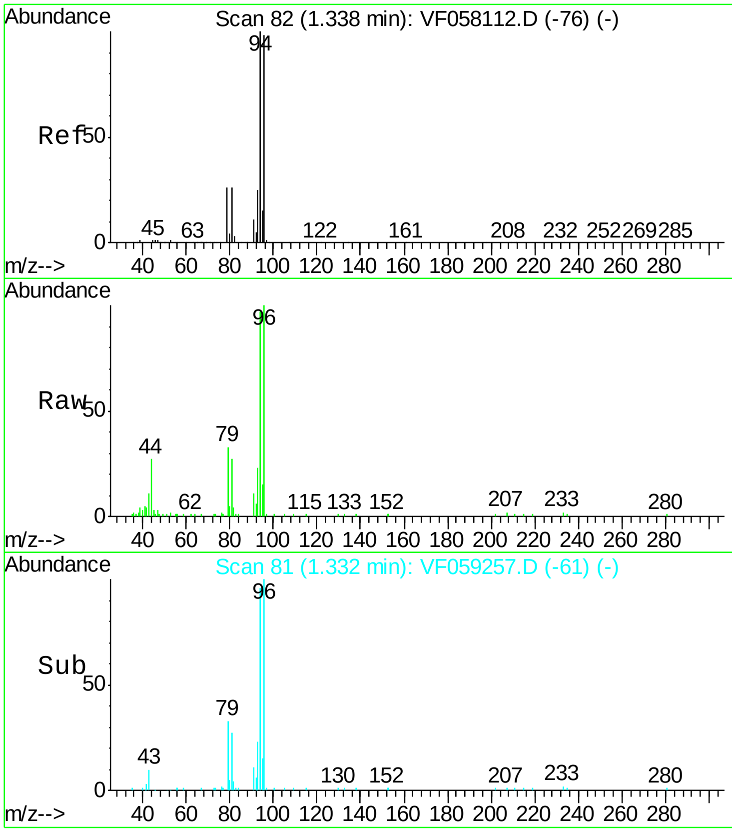


#4
Vinyl Chloride
Concen: 19.88 ug/l
RT: 1.15 min   Scan# 62
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 62 Resp: 39418

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.0	37.6





#5
Bromomethane
Concen: 23.78 ug/l
RT: 1.33 min Scan# 81
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Manual Integrations APPROVED
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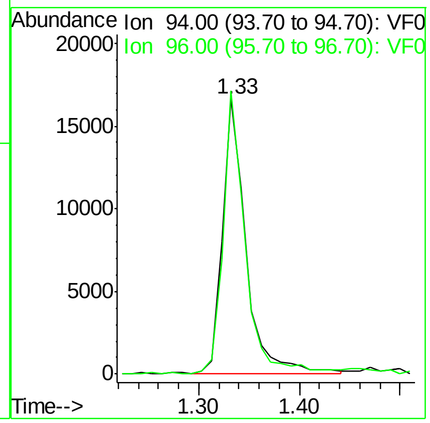
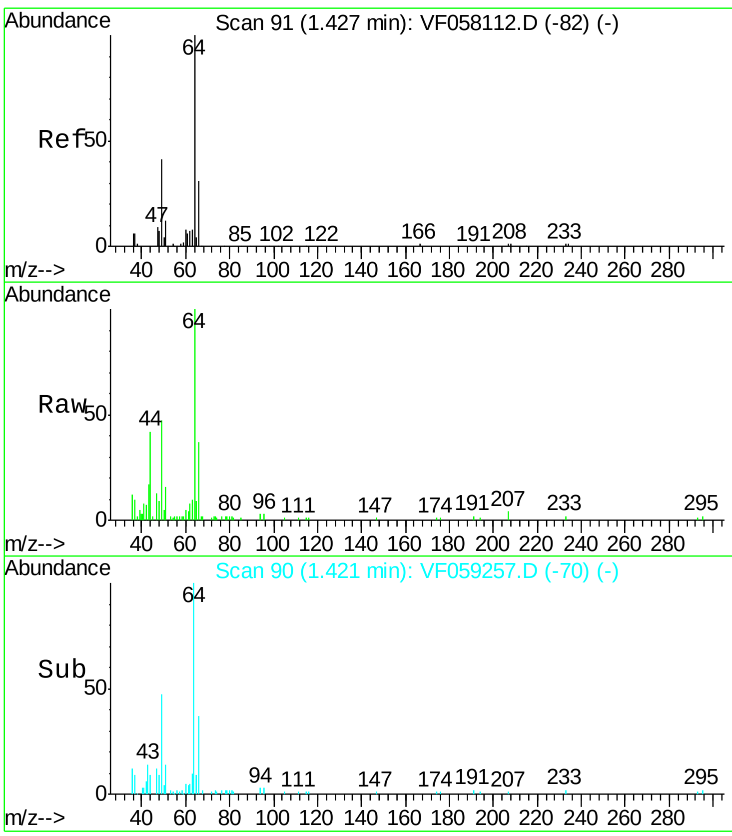
Tgt Ion: 94 Resp: 27473

Ion	Ratio	Lower	Upper
94	100		
96	102.7	78.6	117.8

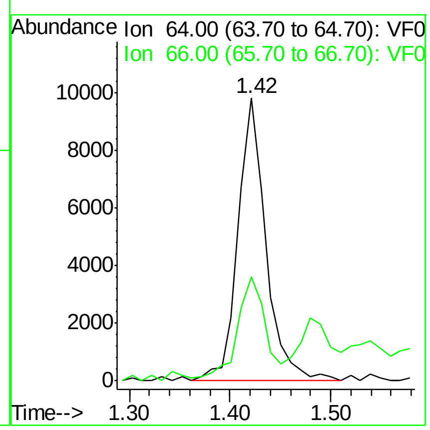


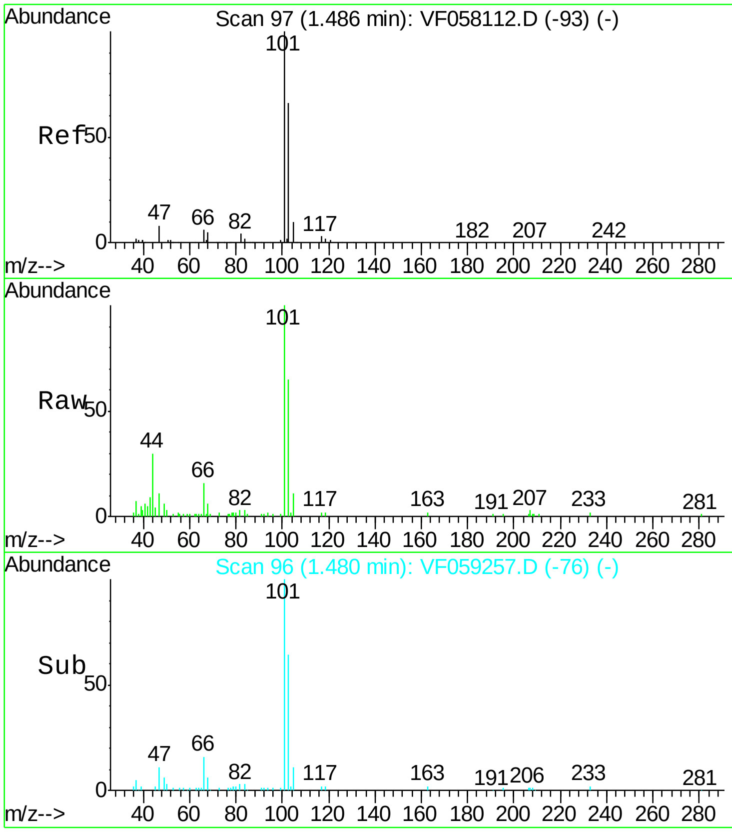


#6
Chloroethane
Concen: 23.09 ug/l
RT: 1.42 min Scan# 90
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 64 Resp: 18993

Ion	Ratio	Lower	Upper
64	100		
66	37.0	24.9	37.3





#7
Trichlorofluoromethane
Concen: 24.93 ug/l m
RT: 1.48 min Scan# 96
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Manual Integrations APPROVED
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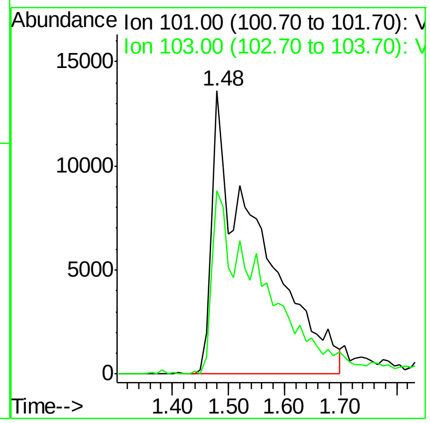
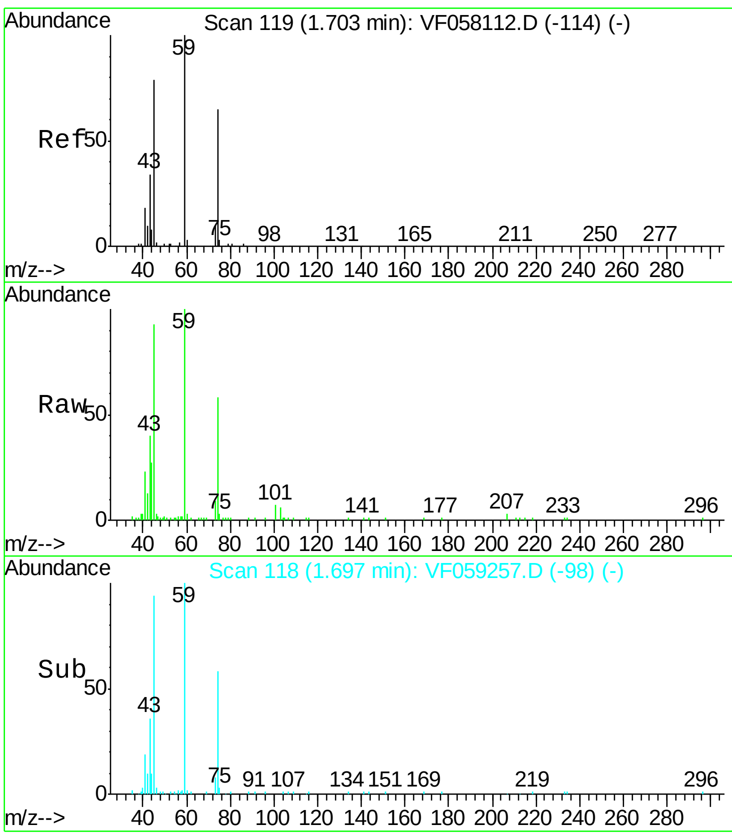
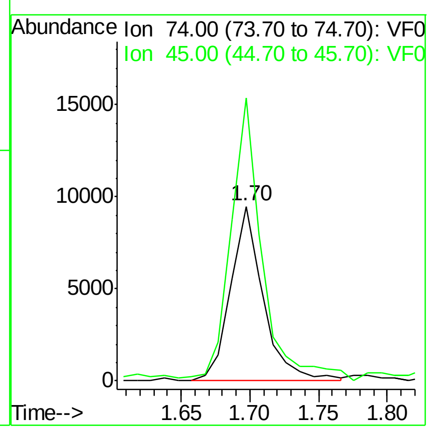
Tgt Ion:101	Resp:		76833
Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.4	80.2

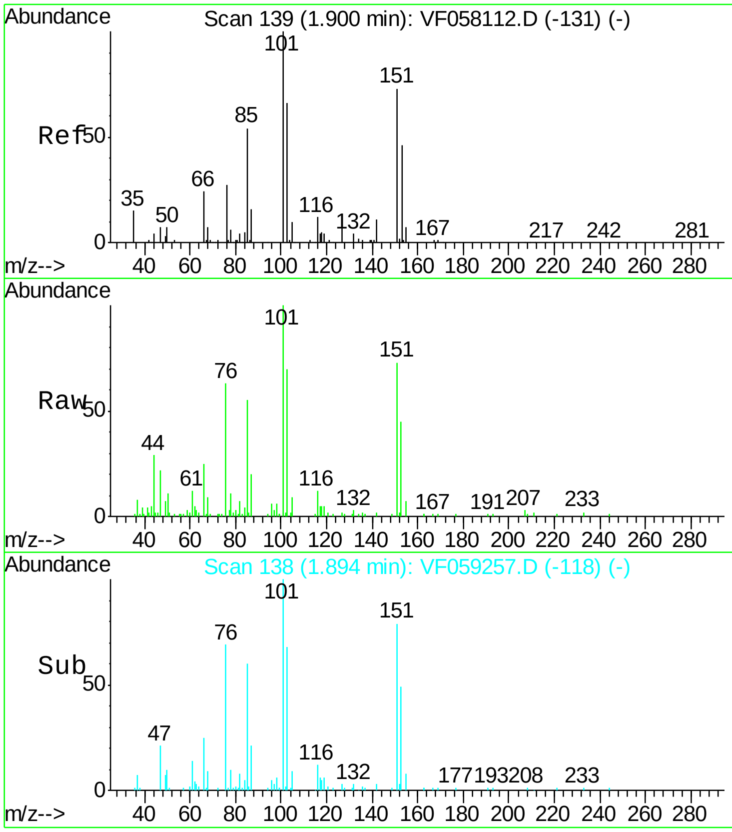




#8
Diethyl Ether
Concen: 20.32 ug/l
RT: 1.70 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 74	Resp:		15755
Ion	Ratio	Lower	Upper
74	100		
45	161.8	61.5	184.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.24 ug/l
RT: 1.89 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Tgt Ion:101 Resp: 45637

Ion	Ratio	Lower	Upper
101	100		
85	55.2	42.2	63.4
151	73.5	56.8	85.2

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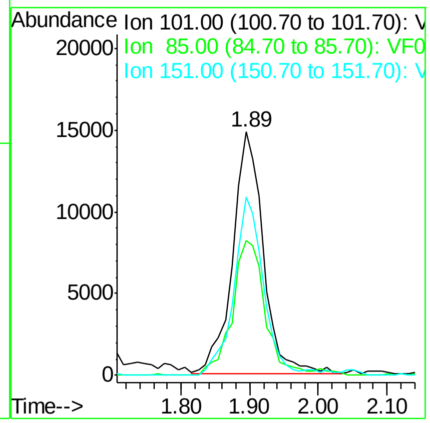
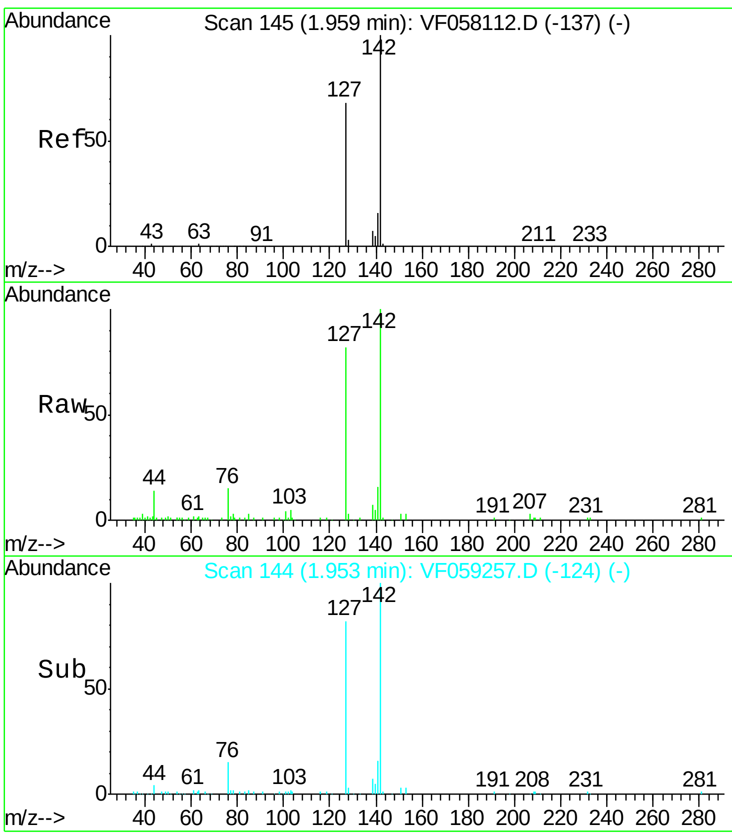
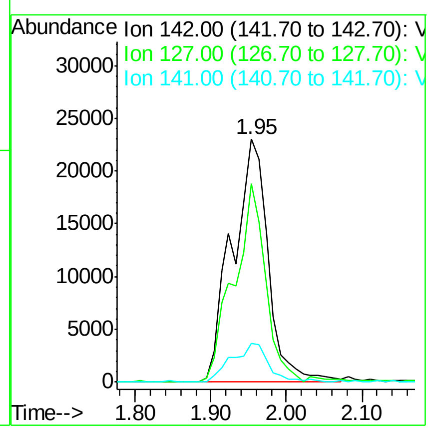


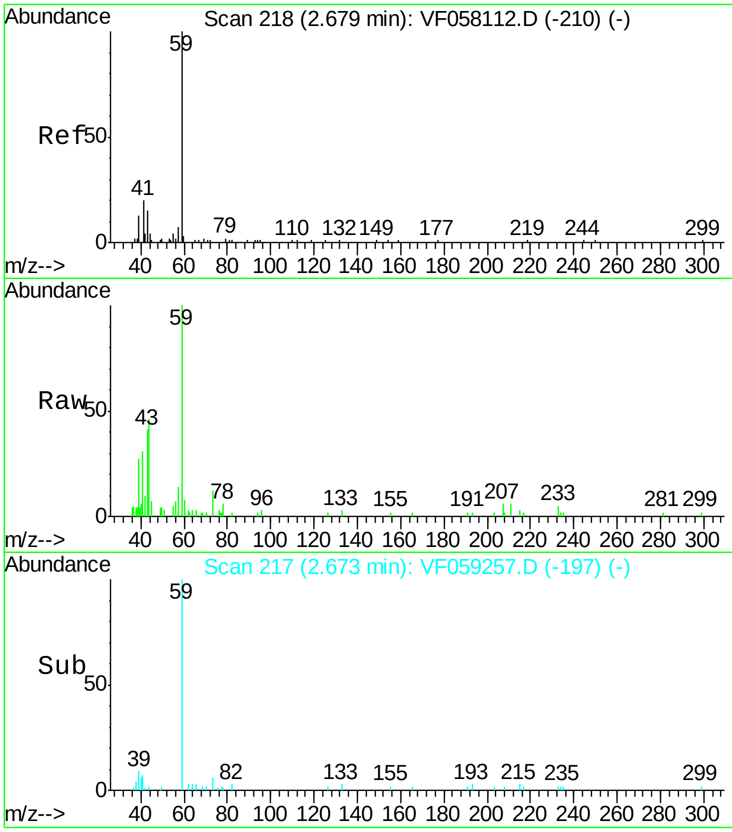


#10
Methyl Iodide
Concen: 22.23 ug/l
RT: 1.95 min Scan# 144
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:142 Resp: 76393

Ion	Ratio	Lower	Upper
142	100		
127	81.8	54.1	81.1#
141	15.8	13.0	19.4





#11
Tert butyl alcohol
Concen: 94.14 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Manual Integrations APPROVED
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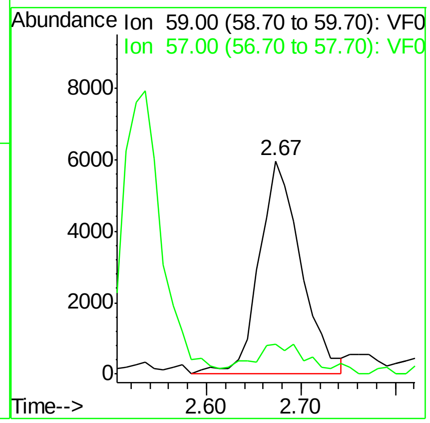
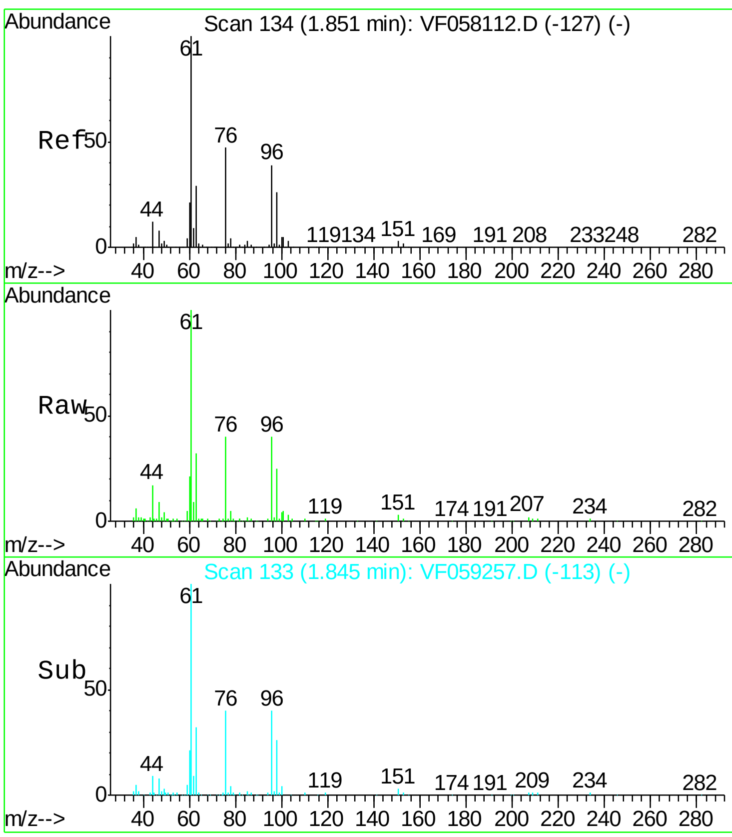
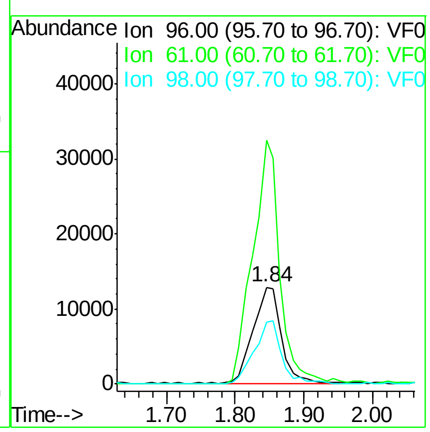
Tgt Ion: 59	Resp:	18335	
Ion	Ratio	Lower	Upper
59	100		
57	13.9	8.7	13.1#

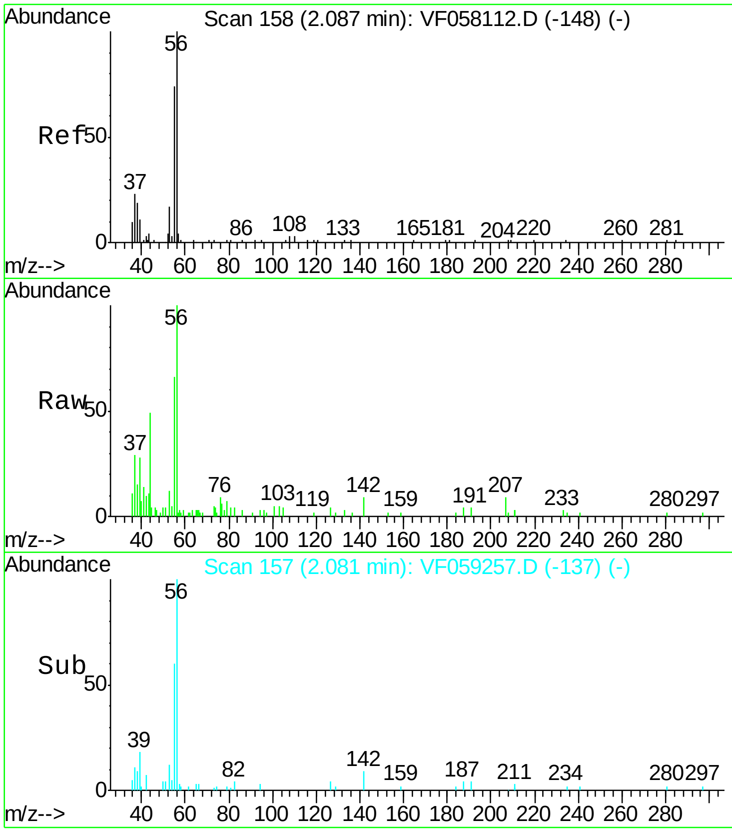




#12
1,1-Dichloroethene
Concen: 23.16 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 96	Resp:	38254	
Ion	Ratio	Lower	Upper
96	100		
61	251.2	203.0	304.4
98	63.9	52.7	79.1





#13
Acrolein
Concen: 64.24 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 56 Resp: 10830

Ion	Ratio	Lower	Upper
56	100		
55	66.1	60.0	90.0

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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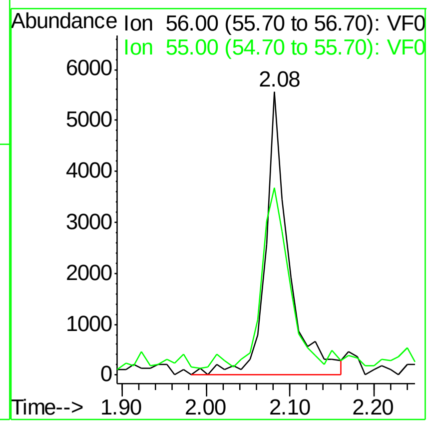
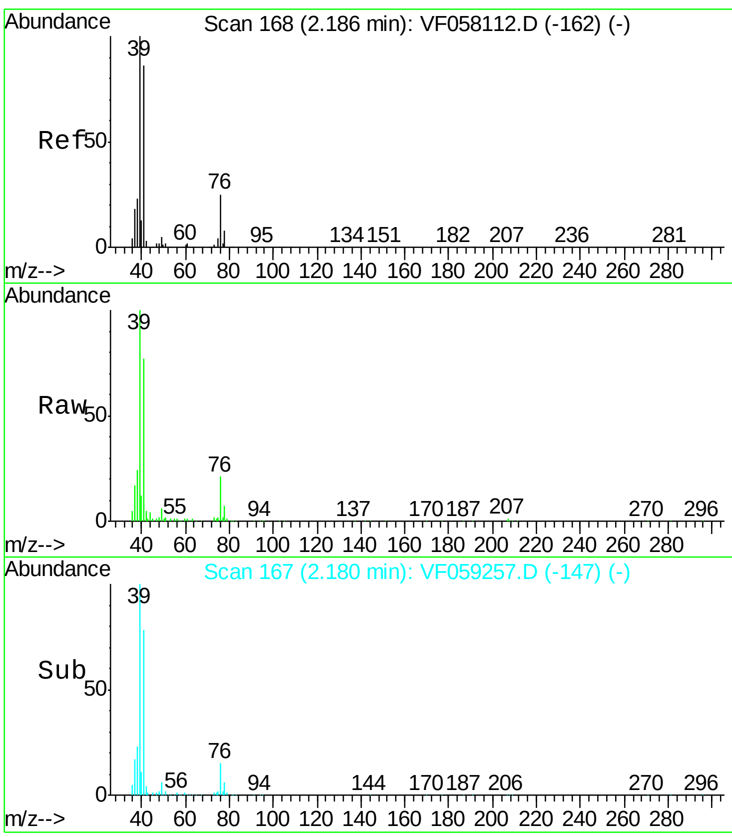
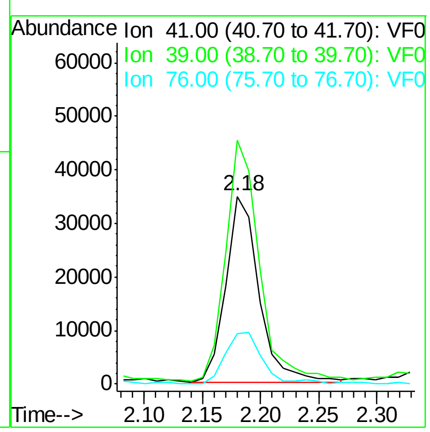


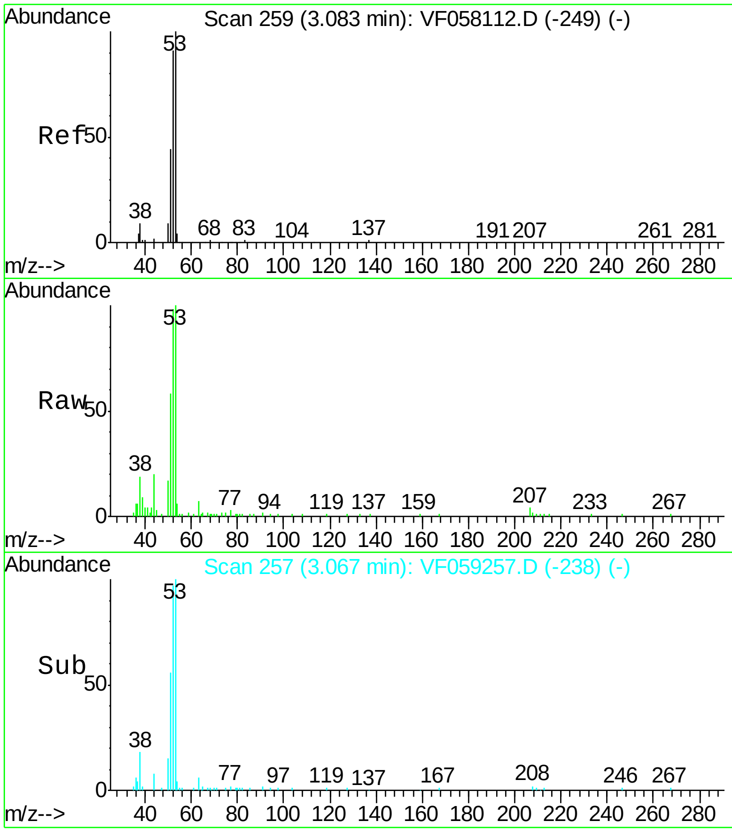


#14
Allyl chloride
Concen: 21.38 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 41 Resp: 69301

Ion	Ratio	Lower	Upper
41	100		
39	129.8	93.5	140.3
76	27.0	23.9	35.9





#15
Acrylonitrile
Concen: 98.54 ug/l
RT: 3.07 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion: 53 Resp: 38116

Ion	Ratio	Lower	Upper
53	100		
52	97.7	73.2	109.8
51	57.8	35.6	53.4#

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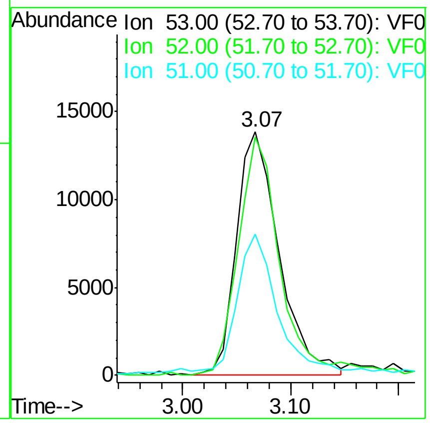
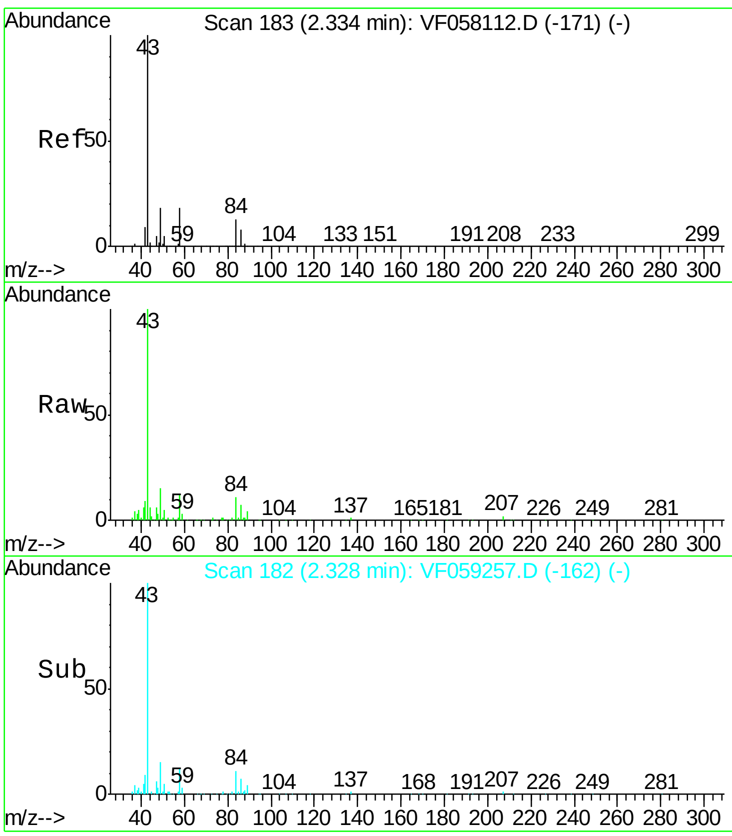
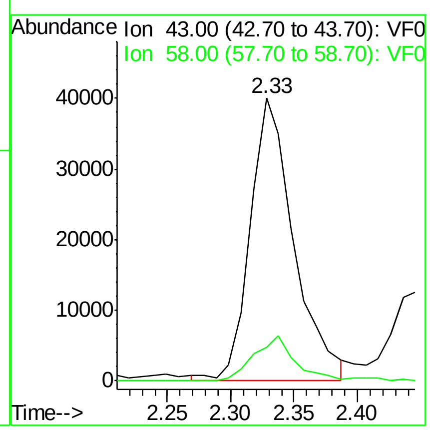


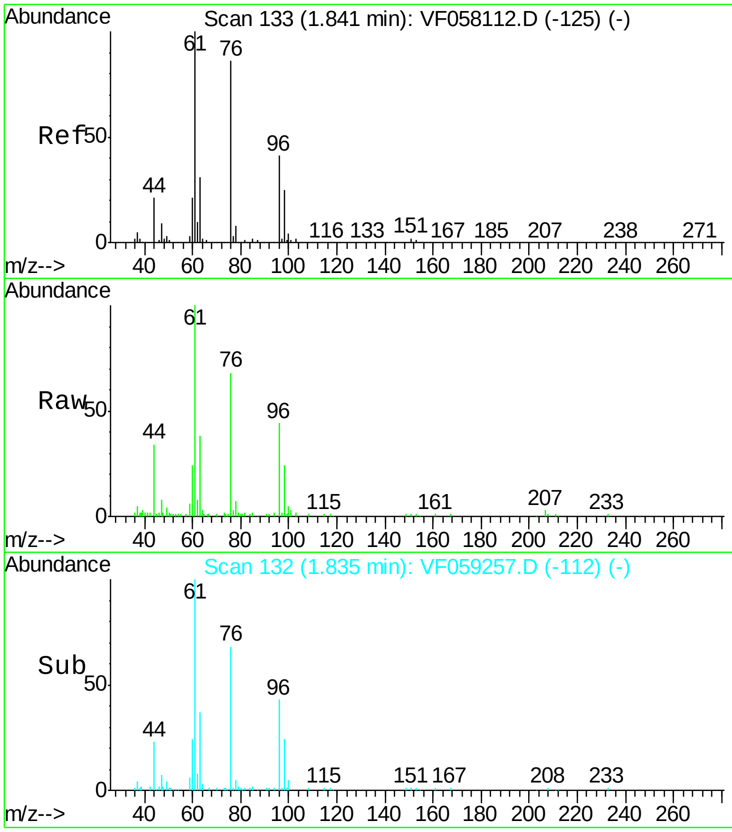


#16
Acetone
Concen: 132.93 ug/l m
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 43 Resp: 96478

Ion	Ratio	Lower	Upper
43	100		
58	11.9	14.4	21.6#





#17
Carbon Disulfide
Concen: 18.30 ug/l
RT: 1.84 min   Scan# 132
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 76	Resp:		84861
Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.8	11.8

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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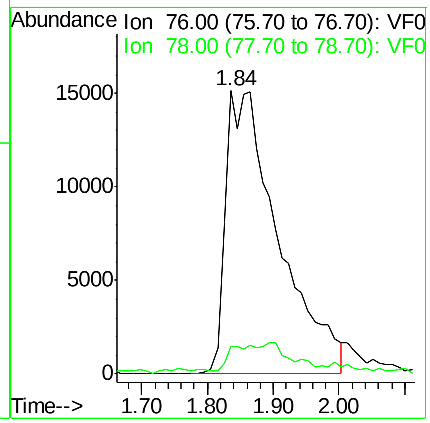
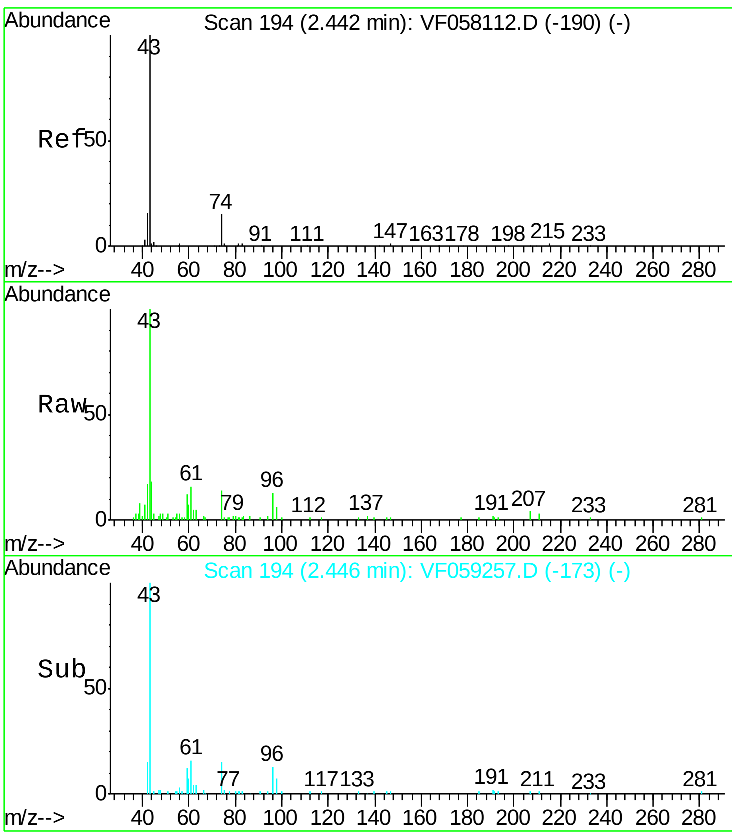
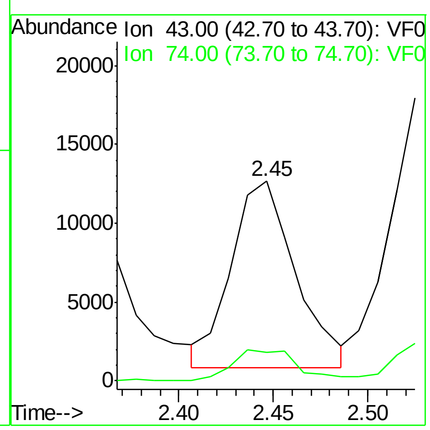
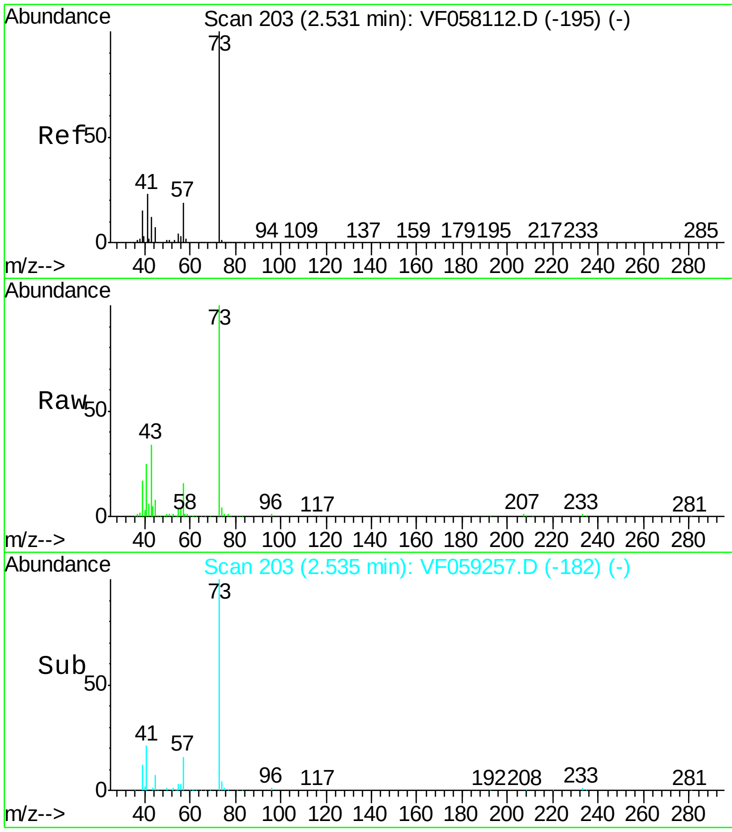




#18
Methyl Acetate
Concen: 22.55 ug/l
RT: 2.45 min   Scan# 194
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 43	Resp:		28136
Ion	Ratio	Lower	Upper
43	100		
74	14.0	10.9	16.3





#19
Methyl tert-butyl Ether
Concen: 24.81 ug/l
RT: 2.53 min   Scan# 203
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion: 73 Resp: 127181

Ion	Ratio	Lower	Upper
73	100		
57	16.0	15.0	22.4

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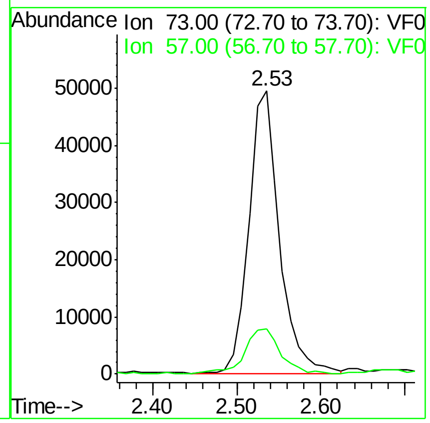
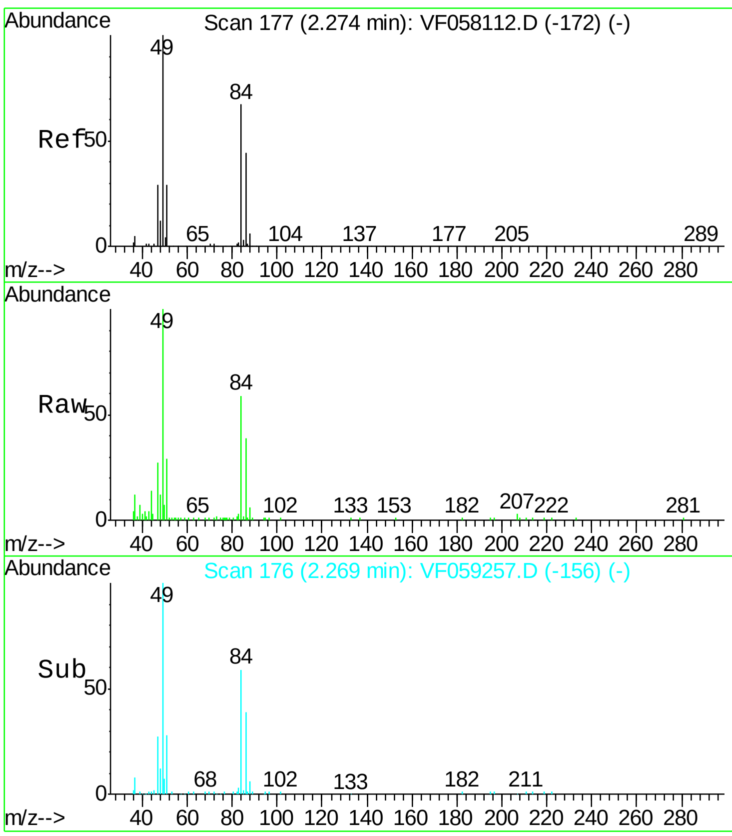
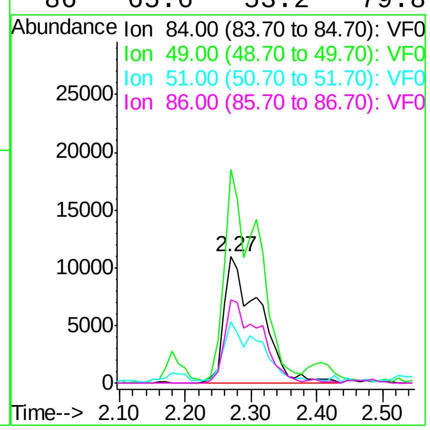




#20
Methylene Chloride
Concen: 23.70 ug/l
RT: 2.27 min   Scan# 176
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 84 Resp: 41177

Ion	Ratio	Lower	Upper
84	100		
49	169.3	121.0	181.4
51	48.9	35.8	53.6
86	65.6	53.2	79.8



Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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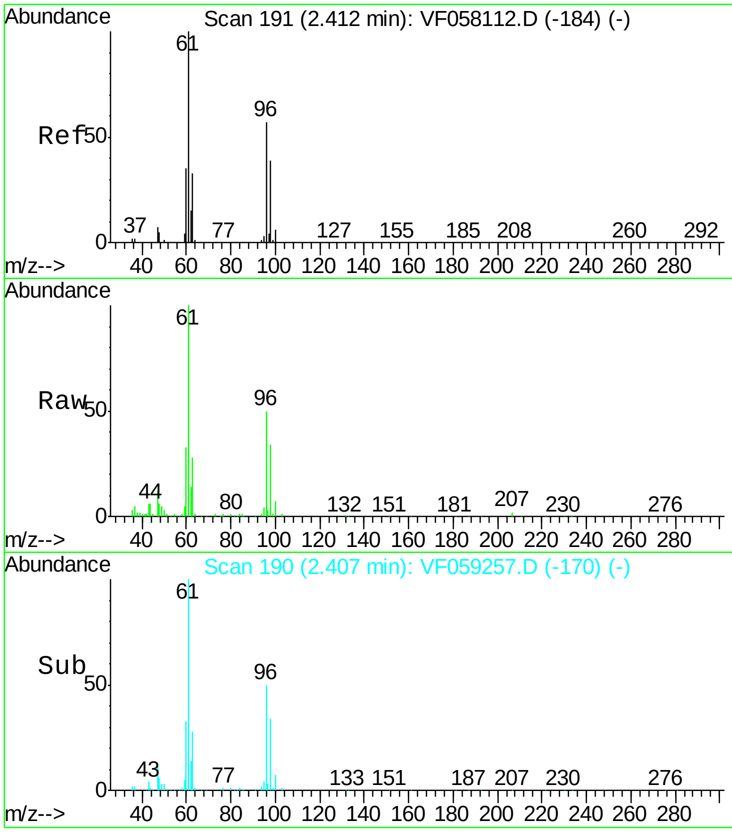
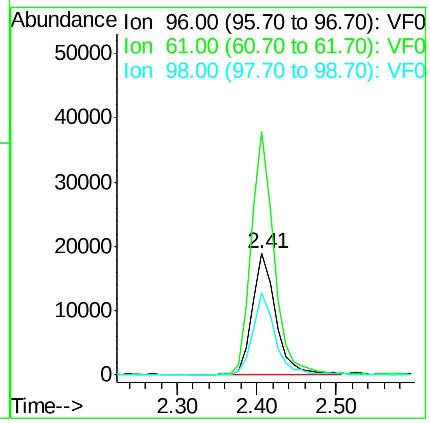
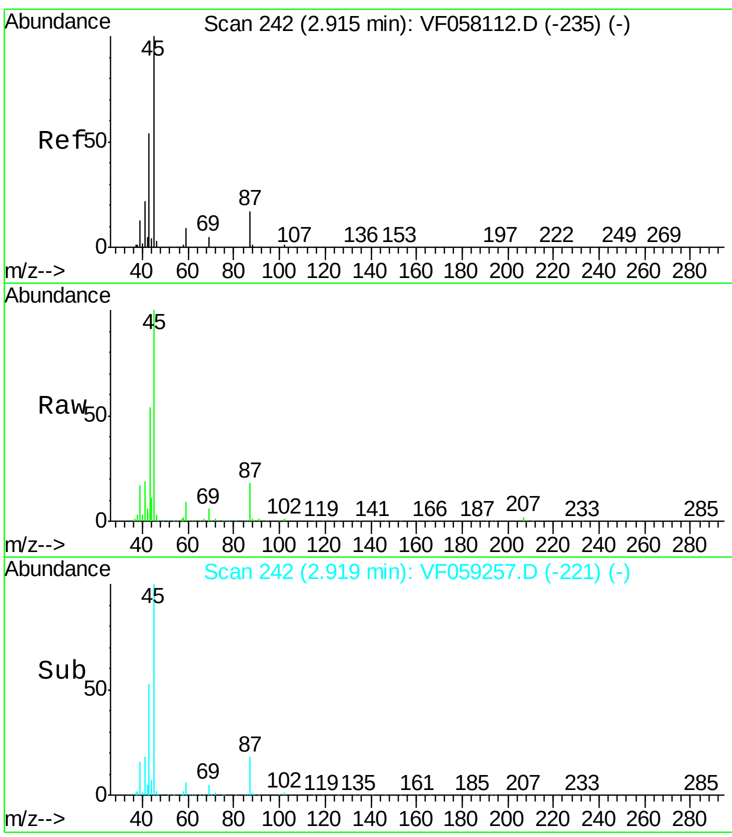


#21
trans-1,2-Dichloroethene
Concen: 21.16 ug/l
RT: 2.41 min Scan# 190
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 96 Resp: 38316

Ion	Ratio	Lower	Upper
96	100		
61	199.8	139.4	209.2
98	68.1	54.0	81.0

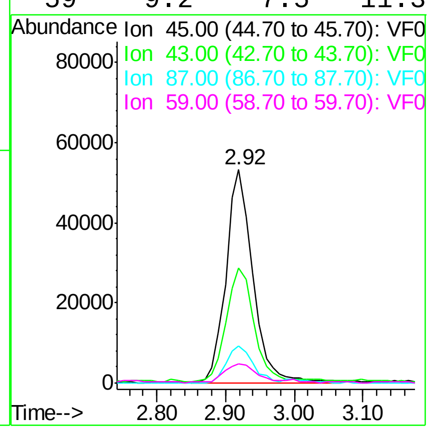


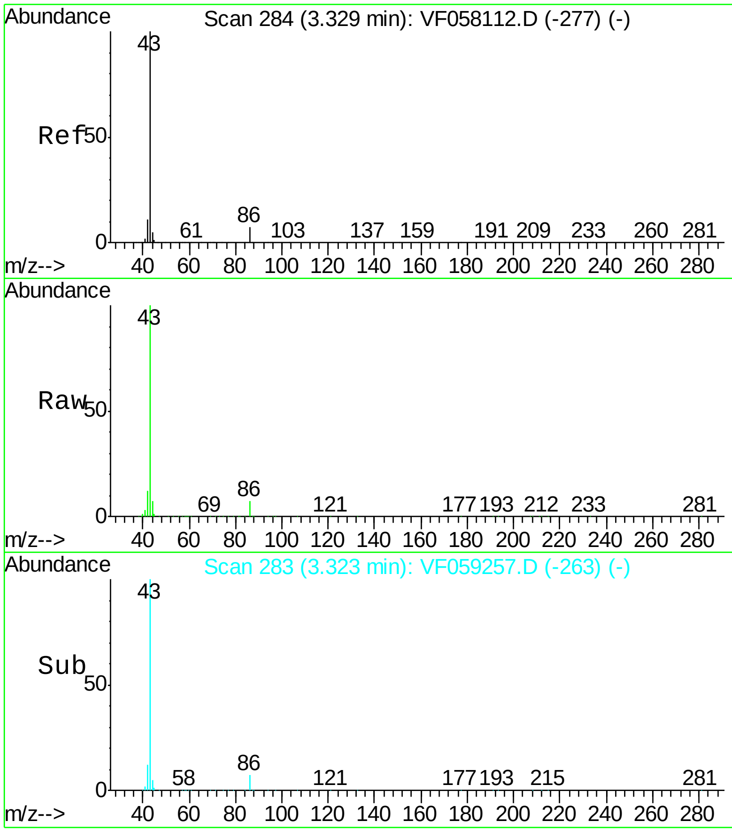


#22
Diisopropyl ether
Concen: 22.47 ug/l
RT: 2.92 min Scan# 242
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 45 Resp: 143157

Ion	Ratio	Lower	Upper
45	100		
43	54.1	43.2	64.8
87	17.6	13.8	20.6
59	9.2	7.5	11.3





#23
Vinyl Acetate
Concen: 116.19 ug/l
RT: 3.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Tgt Ion: 43 Resp: 488127

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.0	9.0

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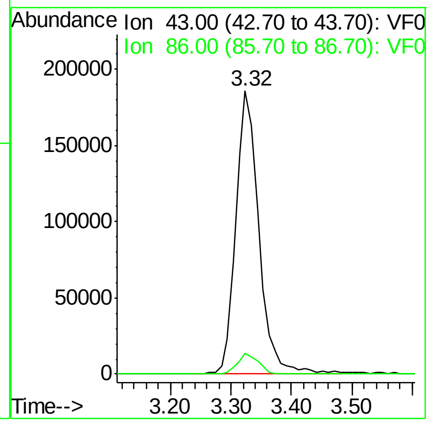
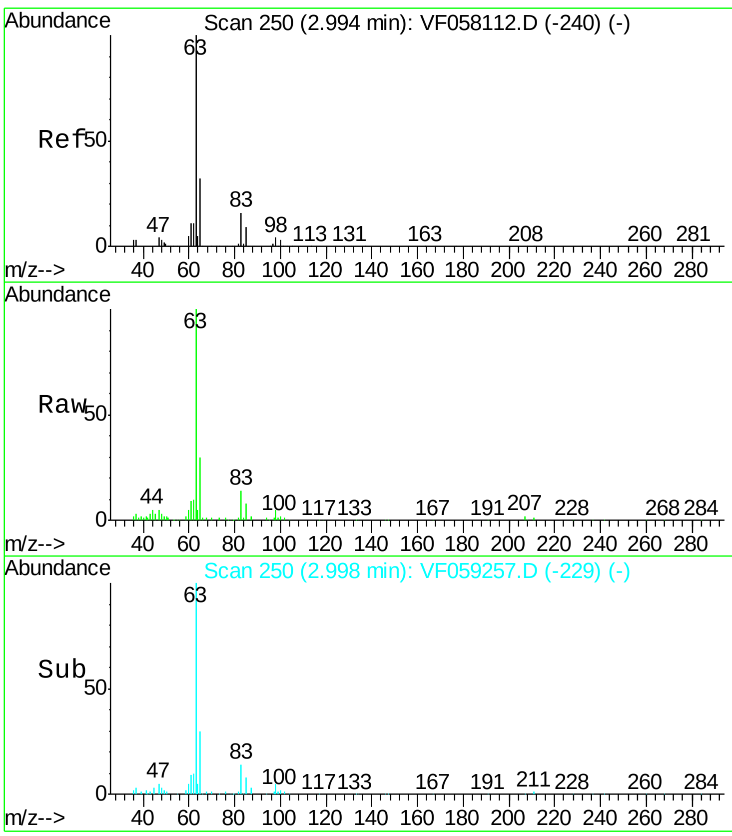
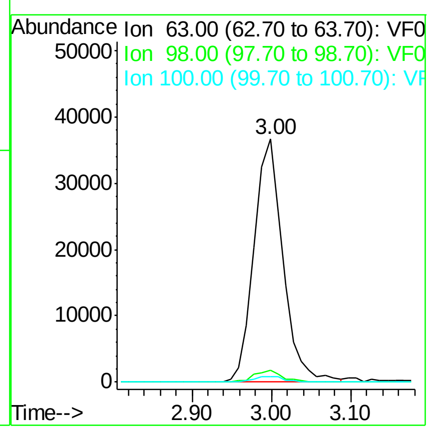


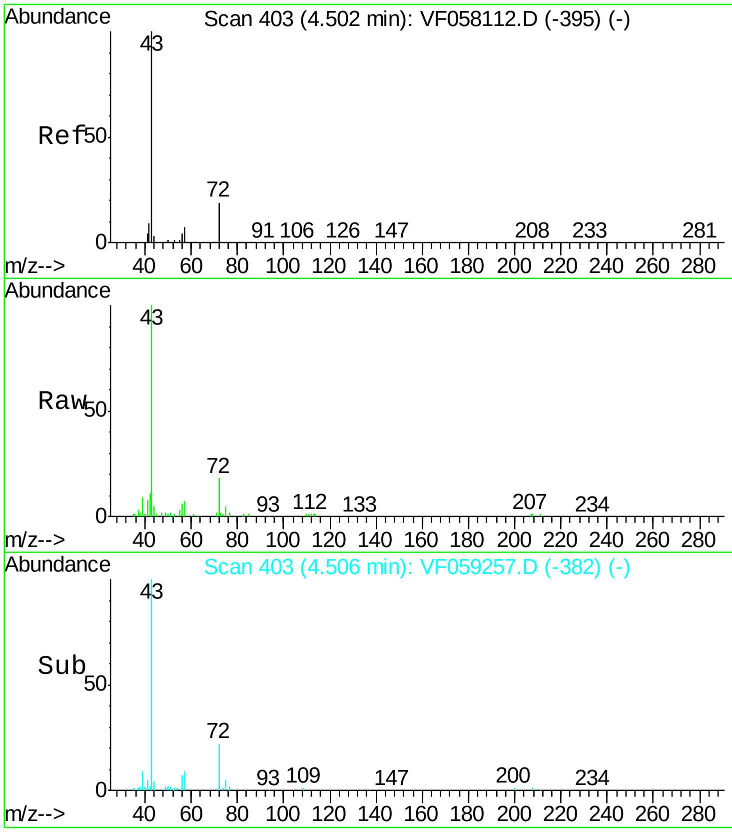


#24
1,1-Dichloroethane
Concen: 23.70 ug/l
RT: 3.00 min Scan# 250
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 63 Resp: 91537

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.0	6.0
100	2.3	1.4	4.0





#25
2-Butanone
Concen: 105.89 ug/l
RT: 4.51 min Scan# 403
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Tgt Ion: 43 Resp: 119144

Ion	Ratio	Lower	Upper
43	100		
72	18.4	16.1	24.1

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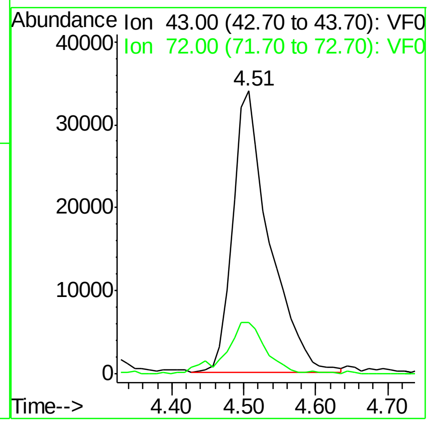
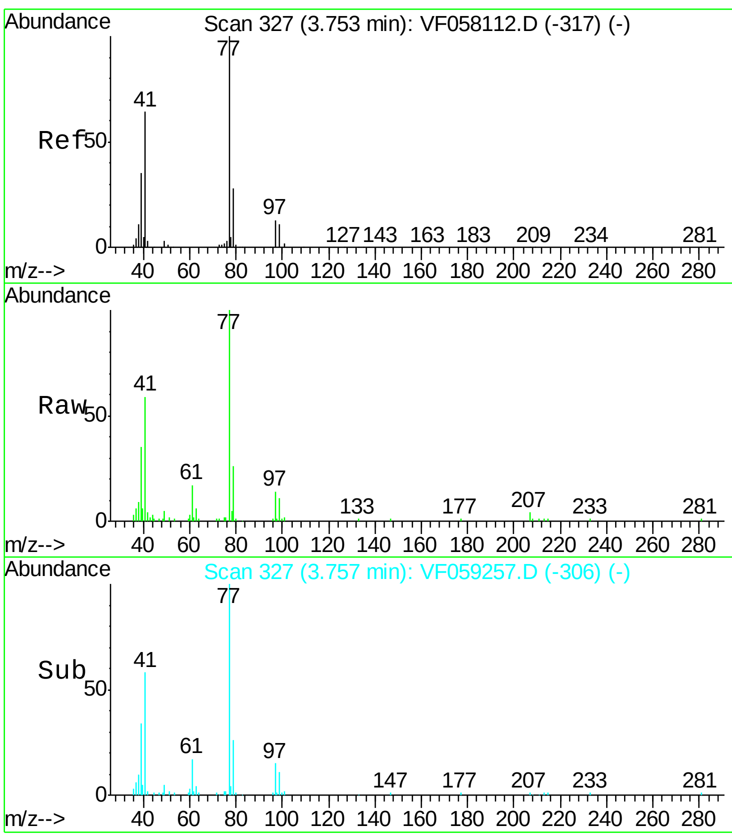
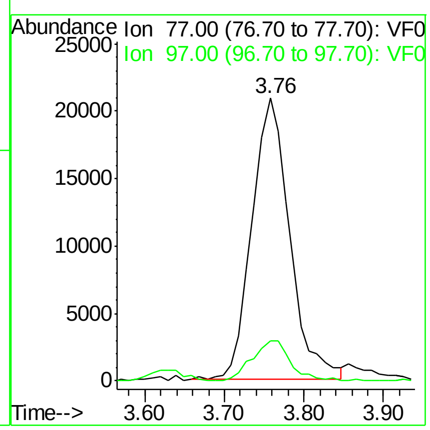




#26
2,2-Dichloropropane
Concen: 24.34 ug/l
RT: 3.76 min Scan# 327
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 77 Resp: 68204

Ion	Ratio	Lower	Upper
77	100		
97	14.4	7.2	21.6



Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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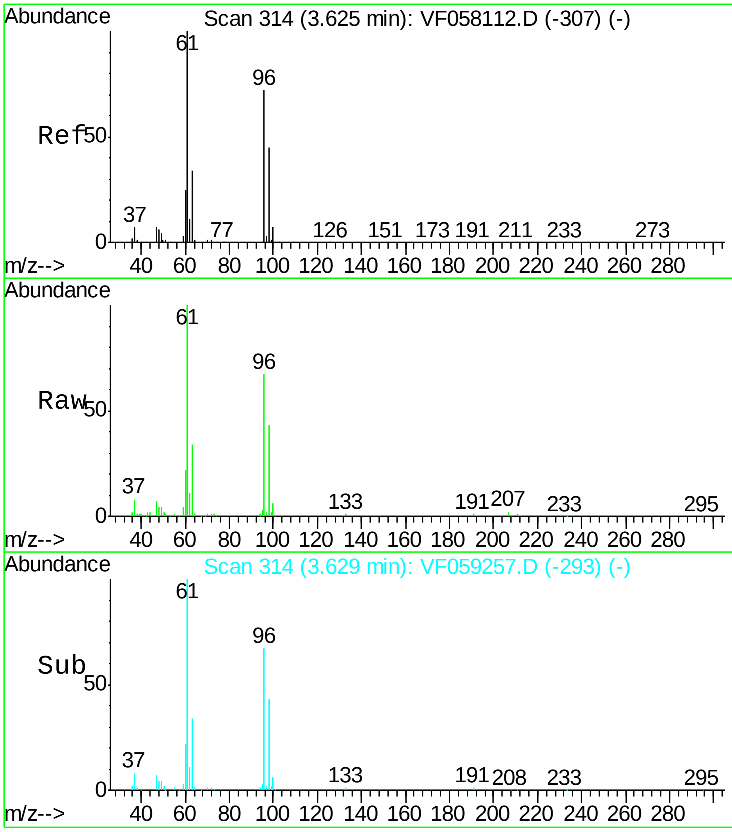
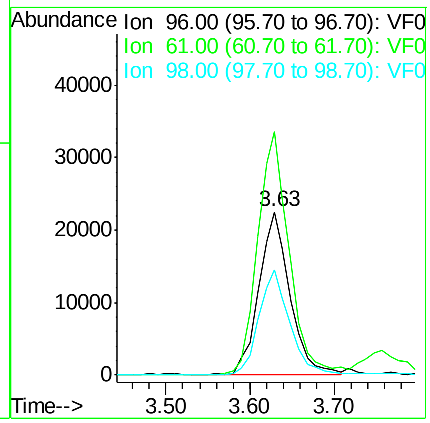
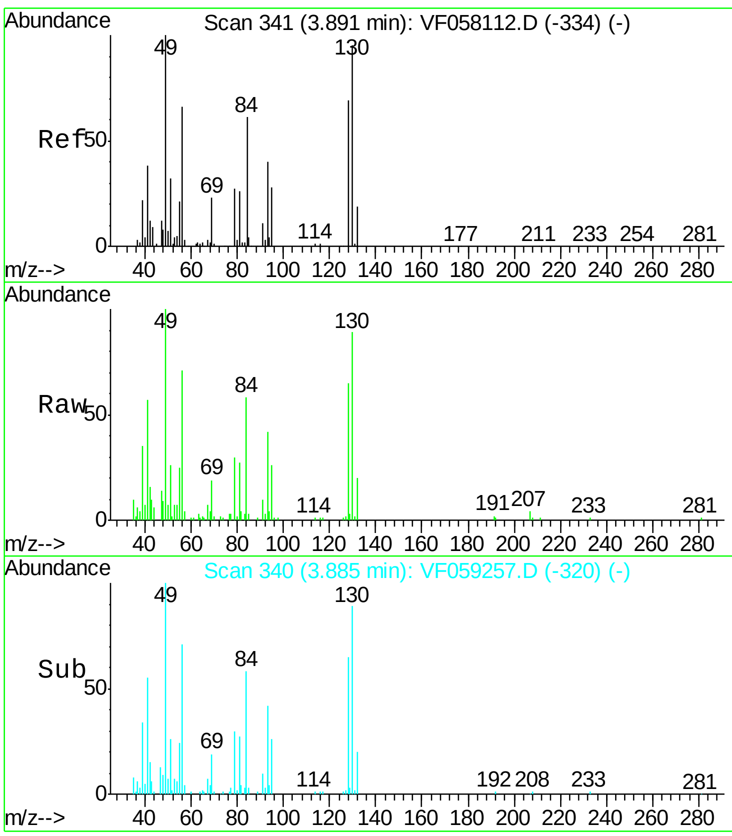


#27
cis-1,2-Dichloroethene
Concen: 21.04 ug/l
RT: 3.63 min Scan# 314
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 96 Resp: 58643

Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	278.6
98	64.5	0.0	125.2

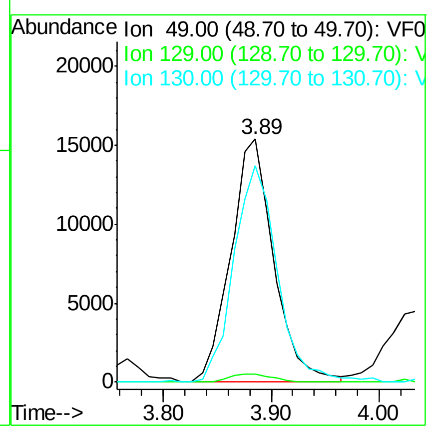


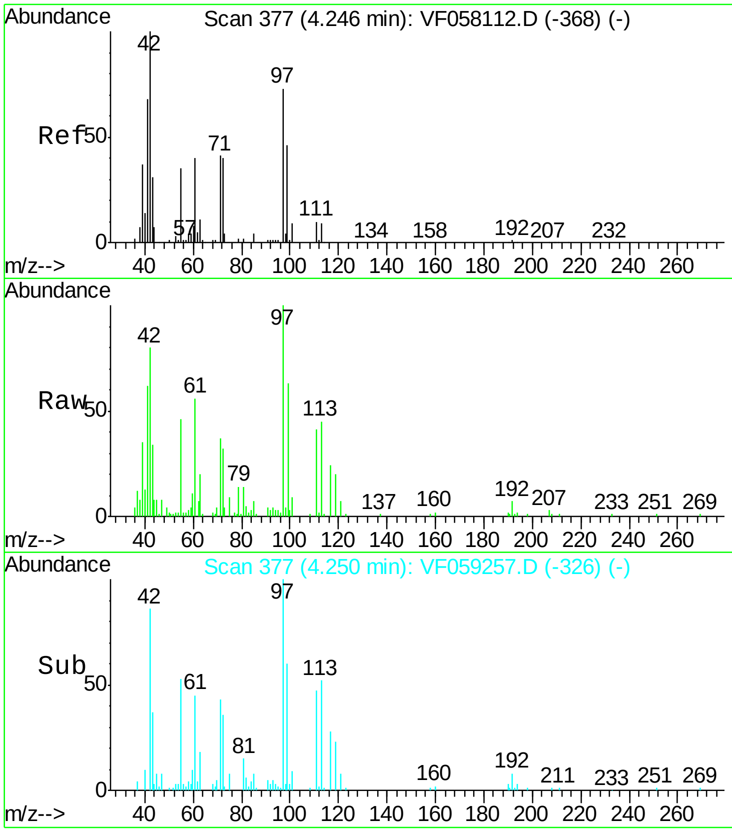


#28
Bromochloromethane
Concen: 24.59 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 49 Resp: 42760

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	0.0#
130	89.0	75.8	113.8






```
#29
Tetrahydrofuran
Concen:  104.08 ug/l
RT: 4.25 min   Scan# 377
Delta R.T.    0.00 min
Lab File:    VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 42 Resp:    51601
Ion  Ratio  Lower  Upper
 42  100
 72   36.9   30.5   45.7
 71   37.3   31.5   47.3
```

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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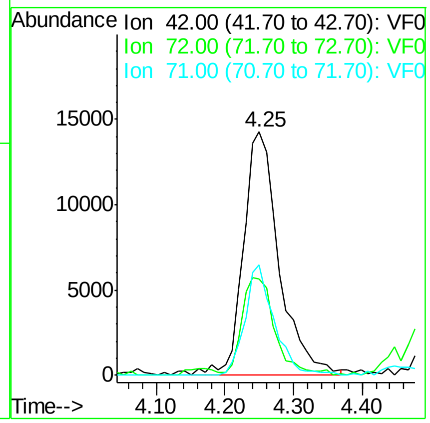
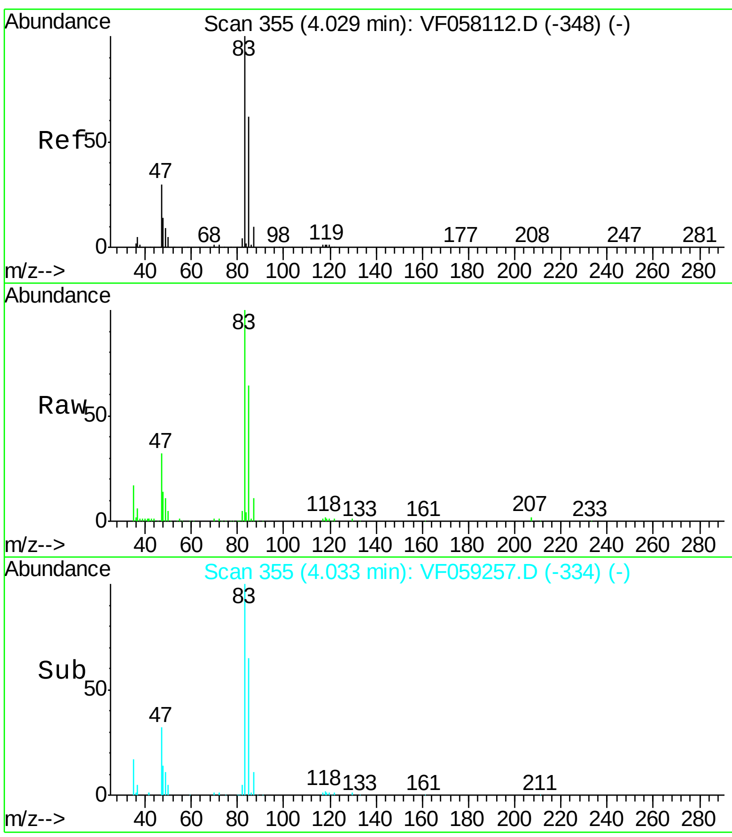
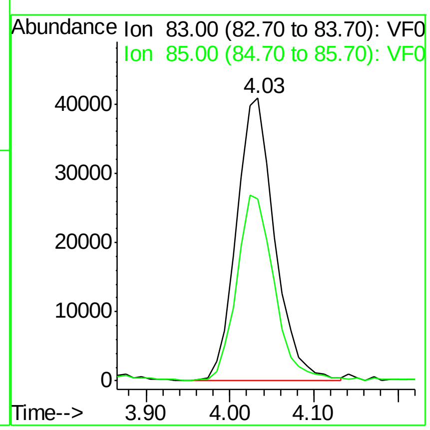
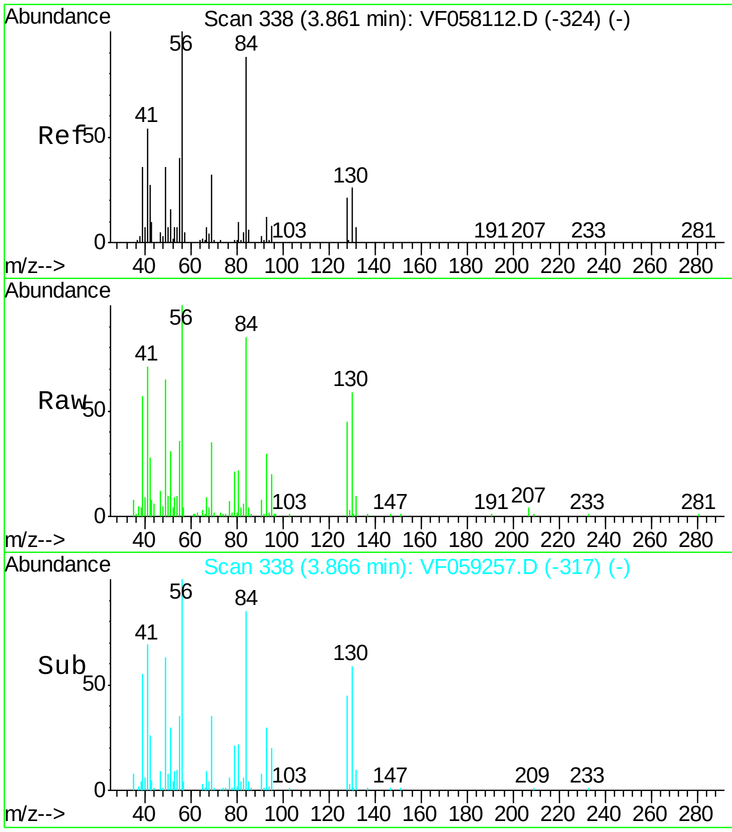





```
#30
Chloroform
Concen:   23.50 ug/l
RT: 4.03 min   Scan# 355
Delta R.T.    0.00 min
Lab File:    VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 83 Resp:   129863
Ion  Ratio  Lower  Upper
 83  100
 85   64.3   49.5   74.3
```





#31
Cyclohexane
Concen: 19.23 ug/l
RT: 3.87 min   Scan# 338
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 56 Resp: 64881

Ion	Ratio	Lower	Upper
56	100		
69	34.8	25.9	38.9
84	85.3	70.3	105.5

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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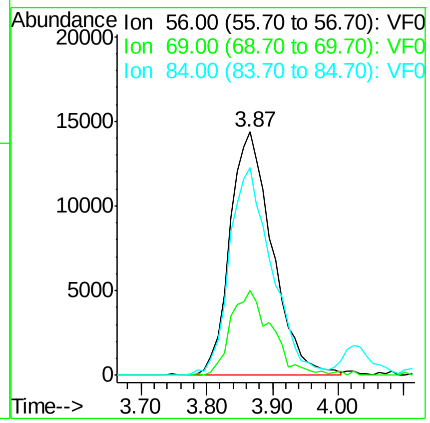
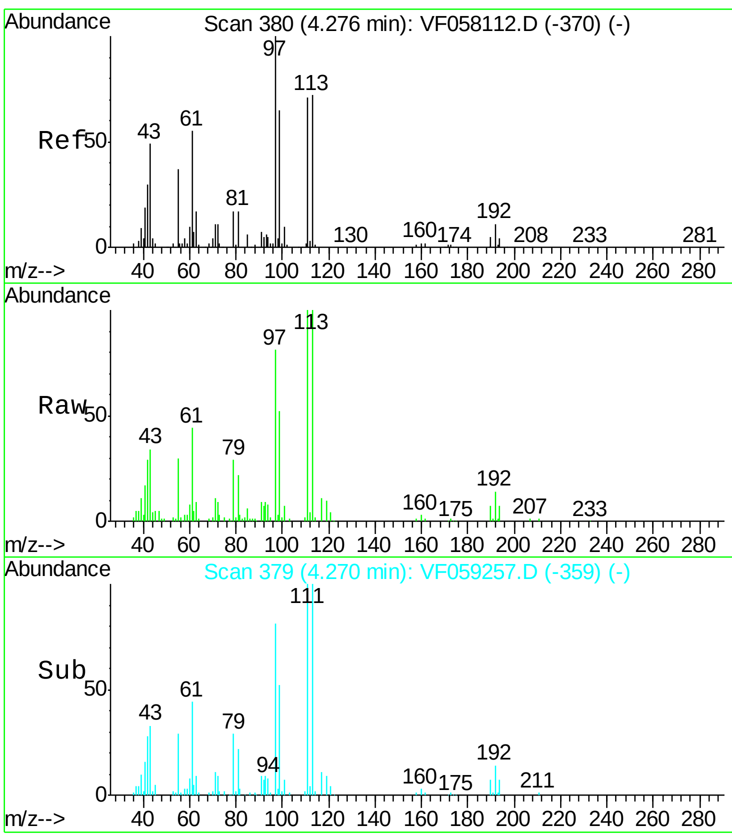
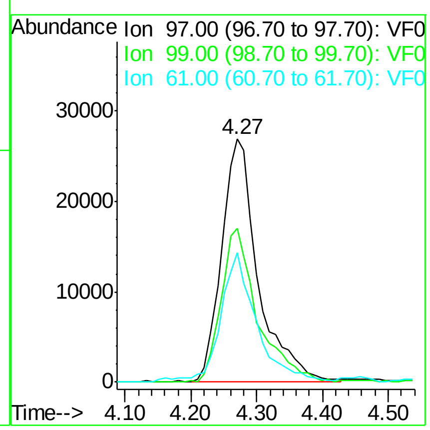


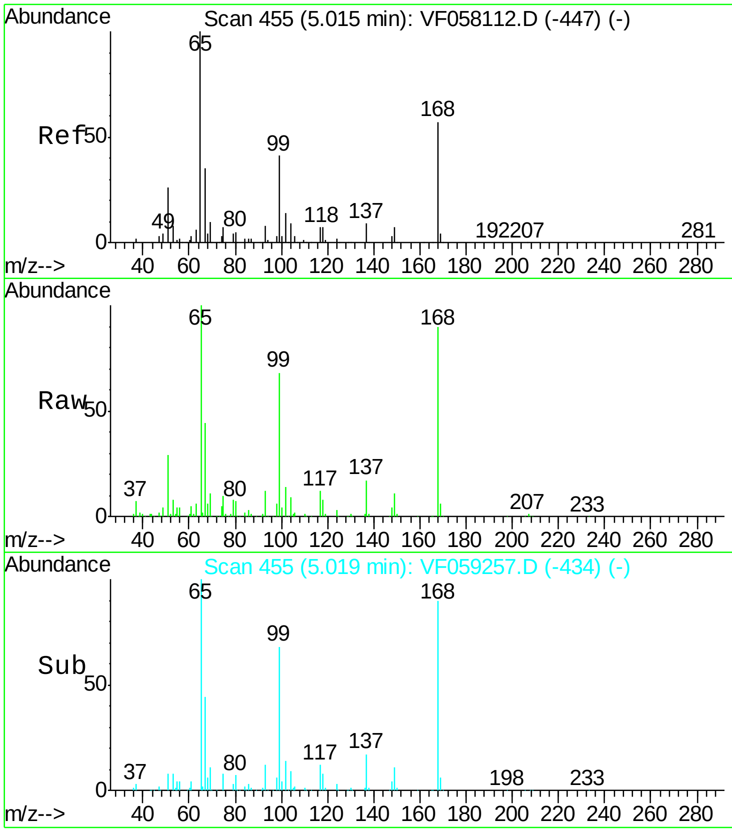


#32
1,1,1-Trichloroethane
Concen: 25.27 ug/l
RT: 4.27 min   Scan# 379
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 97 Resp: 104245

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.0	78.0
61	53.5	44.3	66.5





#33
1,2-Dichloroethane-d4
Concen: 53.41 ug/l m
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 65 Resp: 162358

Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	97.0

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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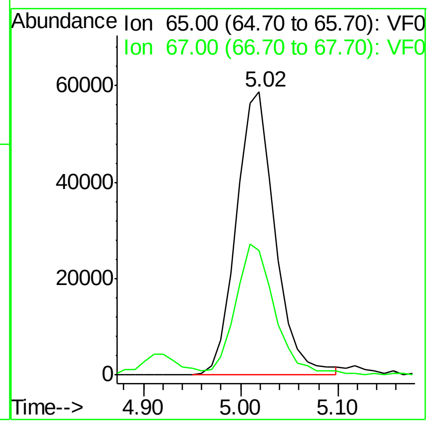
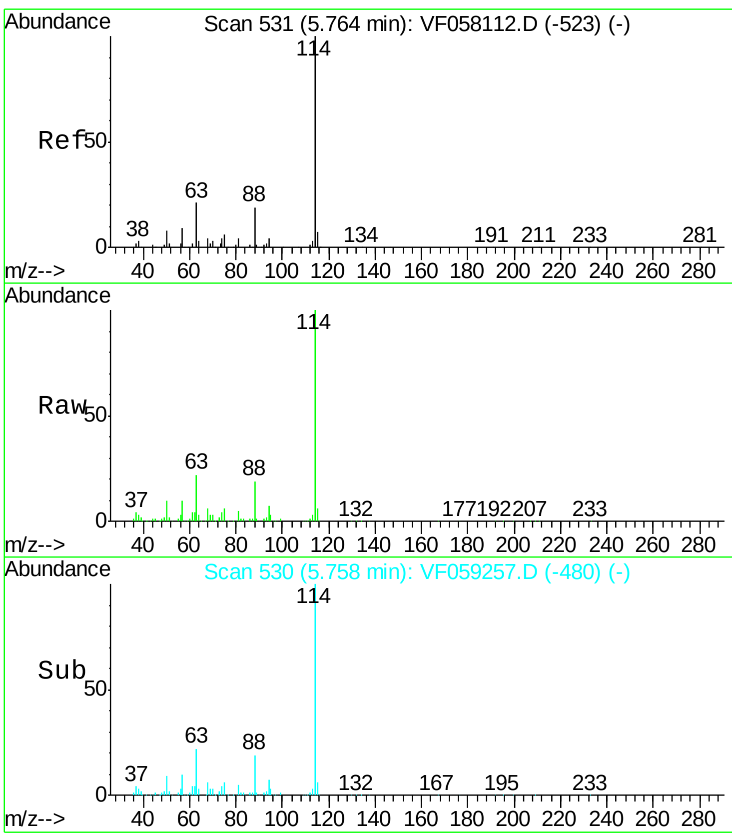
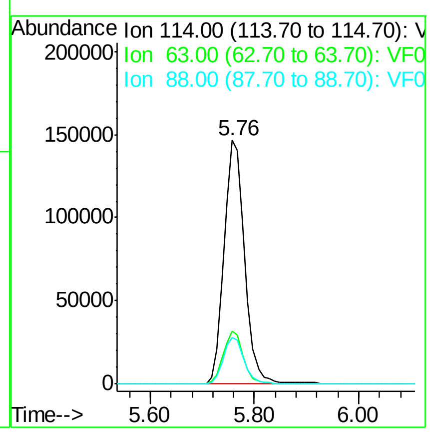


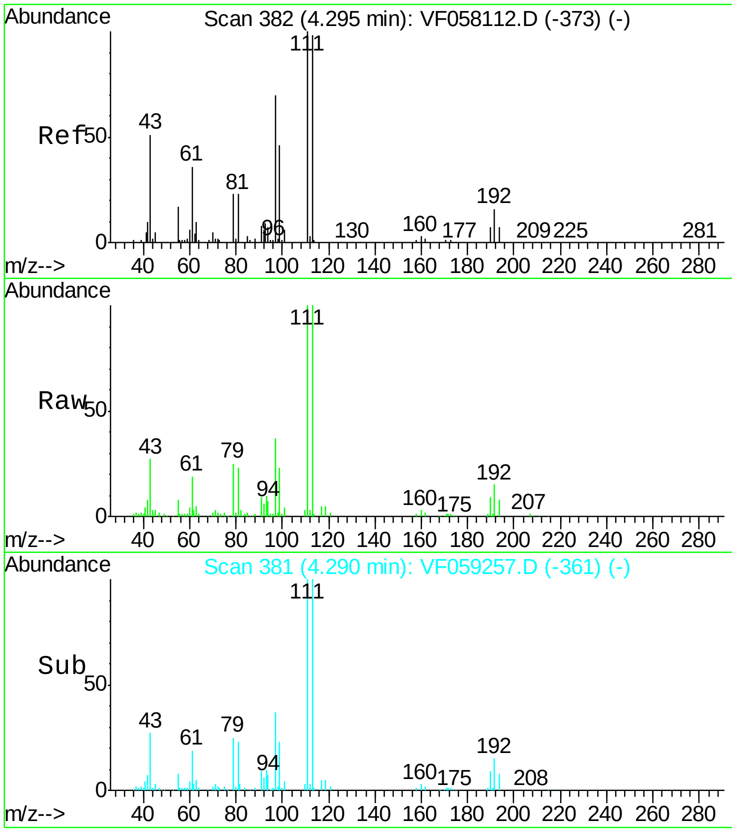


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:114 Resp: 403097

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.6
88	19.2	0.0	38.8





#35
Dibromofluoromethane
Concen: 52.49 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:113 Resp: 148464

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.3	121.9
192	15.6	12.7	19.1

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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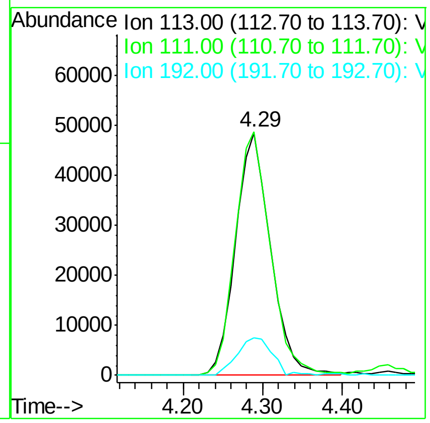
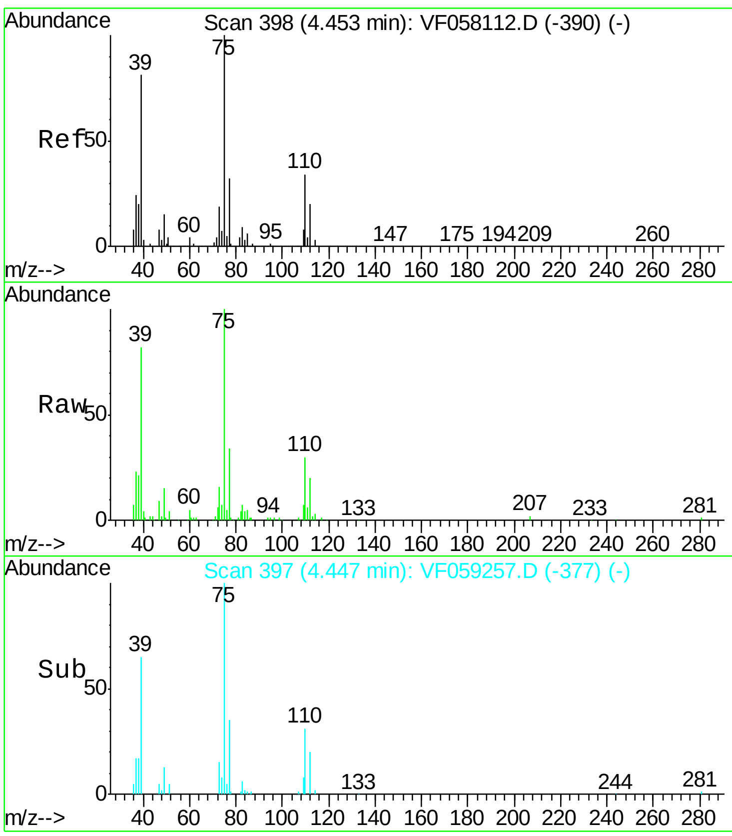
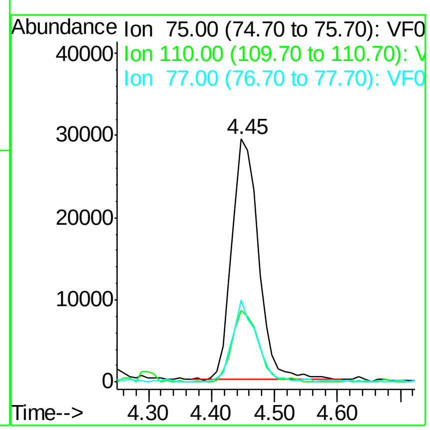


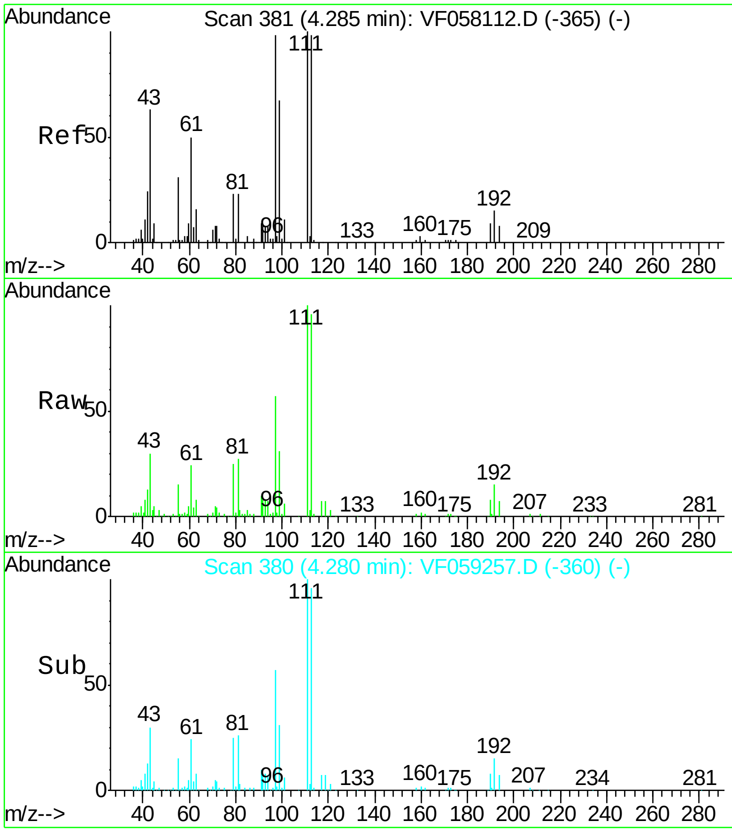


#36
1,1-Dichloropropene
Concen: 22.04 ug/l
RT: 4.45 min Scan# 397
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 75 Resp: 86116

Ion	Ratio	Lower	Upper
75	100		
110	29.5	17.0	50.9
77	34.0	25.3	37.9





#37
Ethyl Acetate
Concen: 20.51 ug/l
RT: 4.28 min   Scan# 380
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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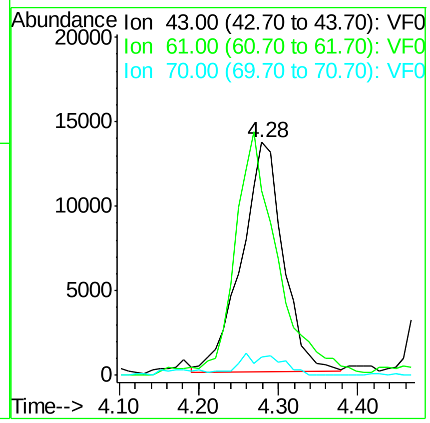
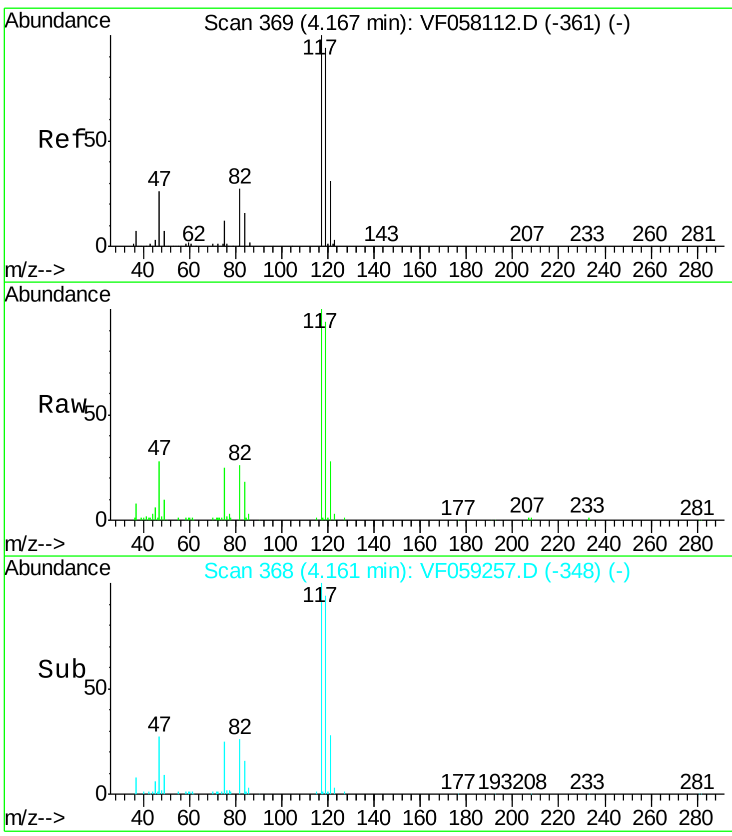
Tgt Ion: 43 Resp: 49508

Ion	Ratio	Lower	Upper
43	100		
61	79.5	63.0	94.4
70	7.6	7.5	11.3

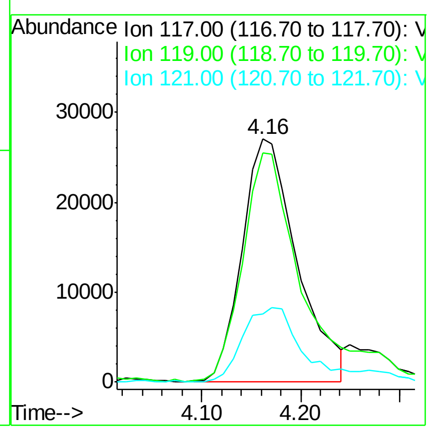


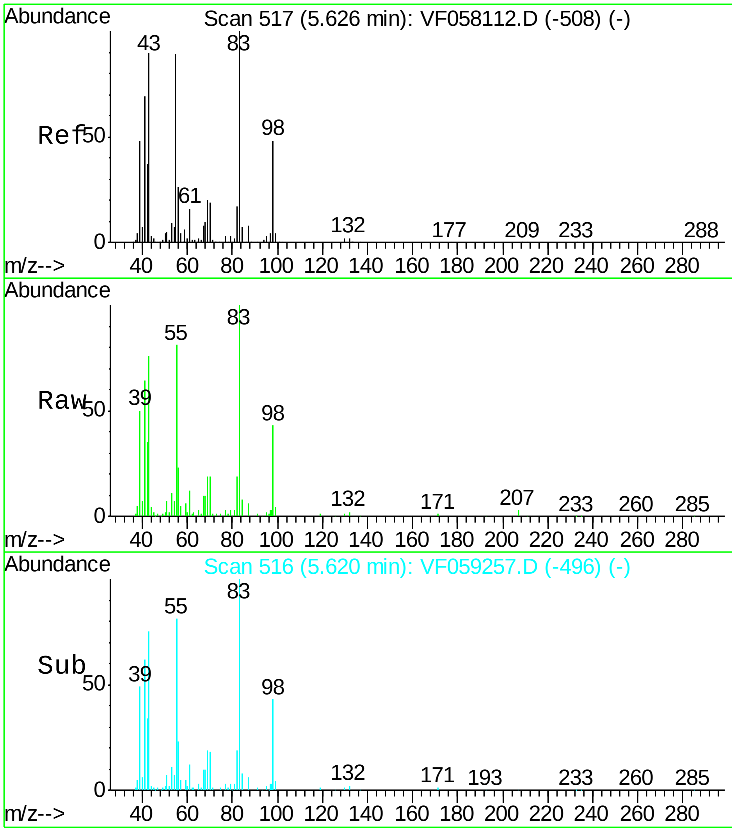


#38
Carbon Tetrachloride
Concen: 24.64 ug/l m
RT: 4.16 min   Scan# 368
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion:117 Resp: 104331

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.7	113.5
121	28.1	24.8	37.2





#39
Methylcyclohexane
Concen: 20.11 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 83 Resp: 80085

Ion	Ratio	Lower	Upper
83	100		
55	80.8	71.0	106.4
98	42.9	38.1	57.1

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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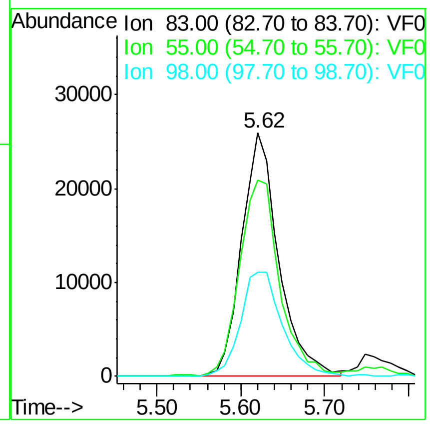
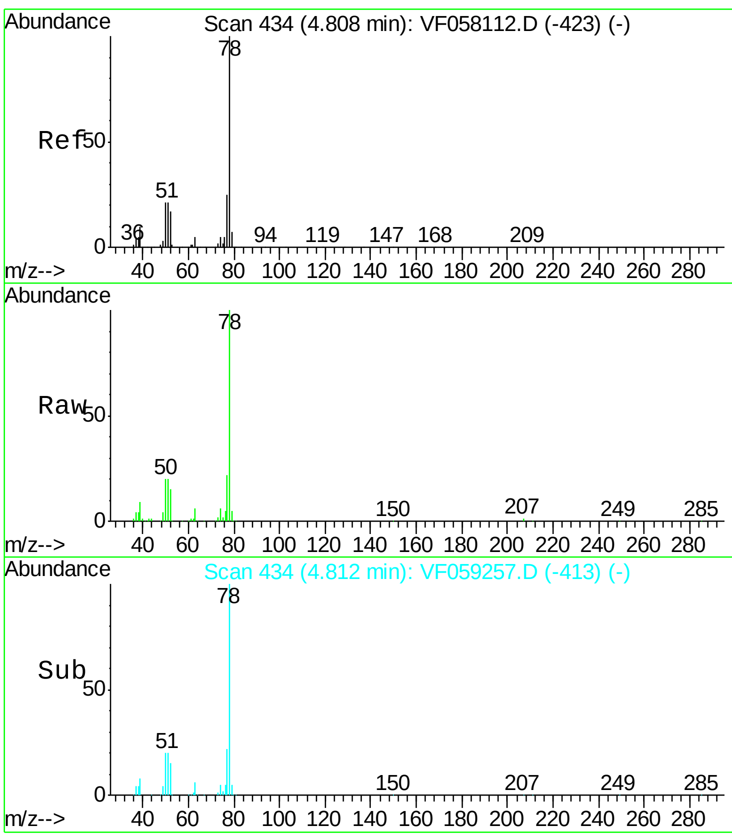
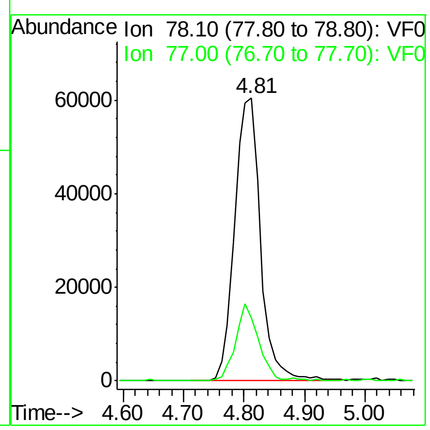


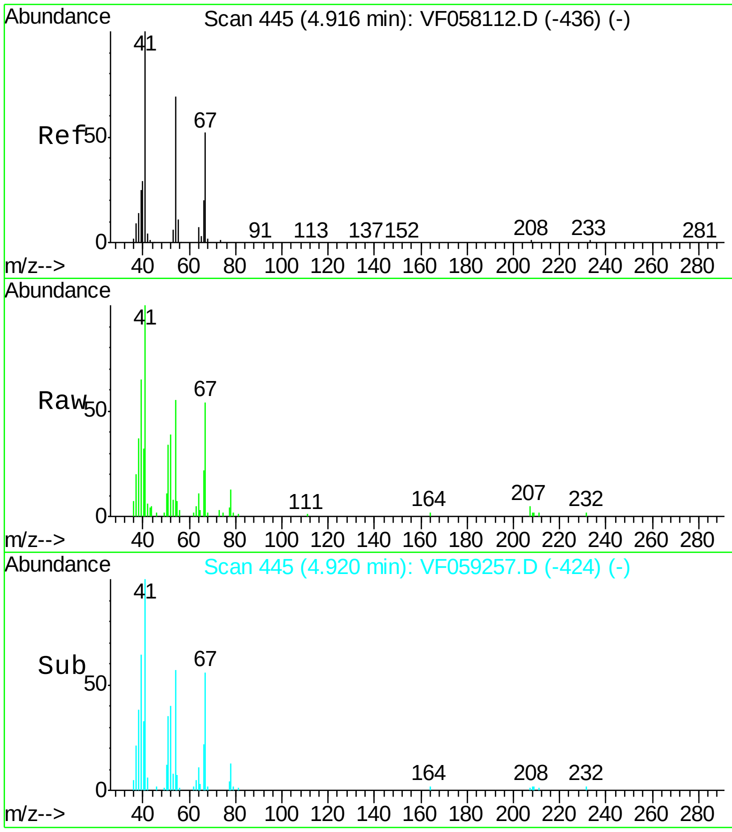


#40
Benzene
Concen: 19.87 ug/l
RT: 4.81 min Scan# 434
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 78 Resp: 180200

Ion	Ratio	Lower	Upper
78	100		
77	22.5	20.2	30.2





#41
Methacrylonitrile
Concen: 19.86 ug/l
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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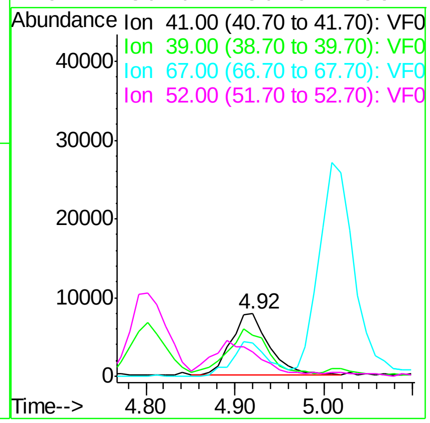
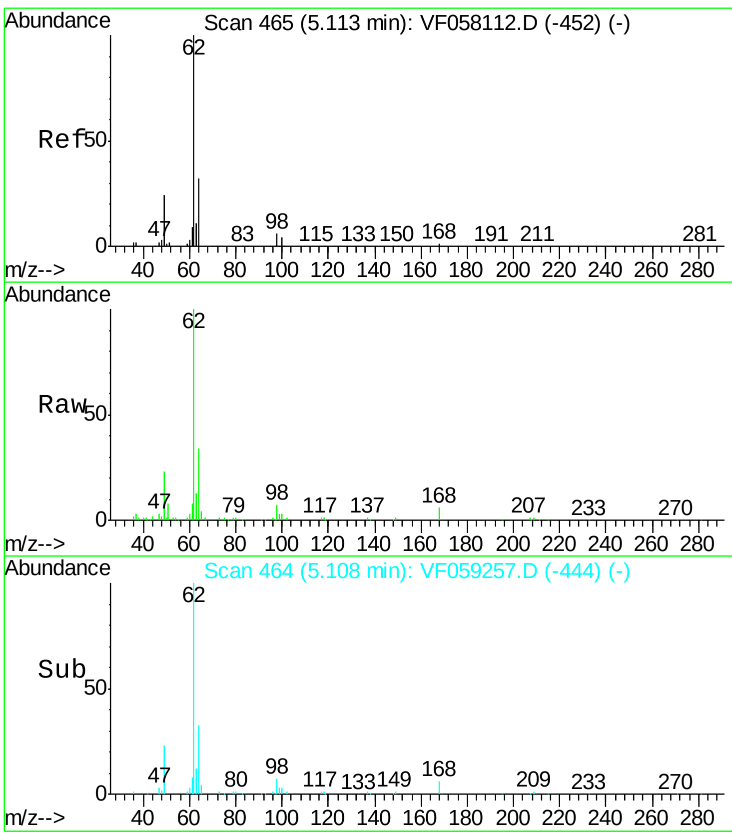
Tgt Ion: 41 Resp: 23551

Ion	Ratio	Lower	Upper
41	100		
39	65.0	53.0	79.4
67	54.2	41.0	61.6
52	39.0	36.8	55.2

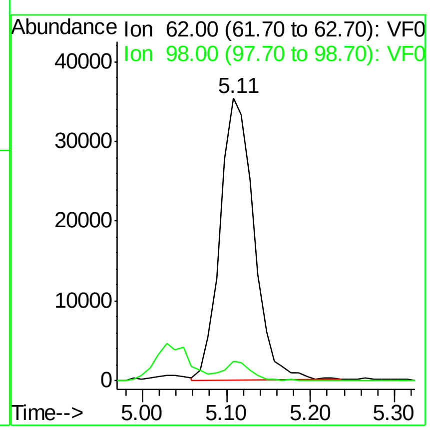


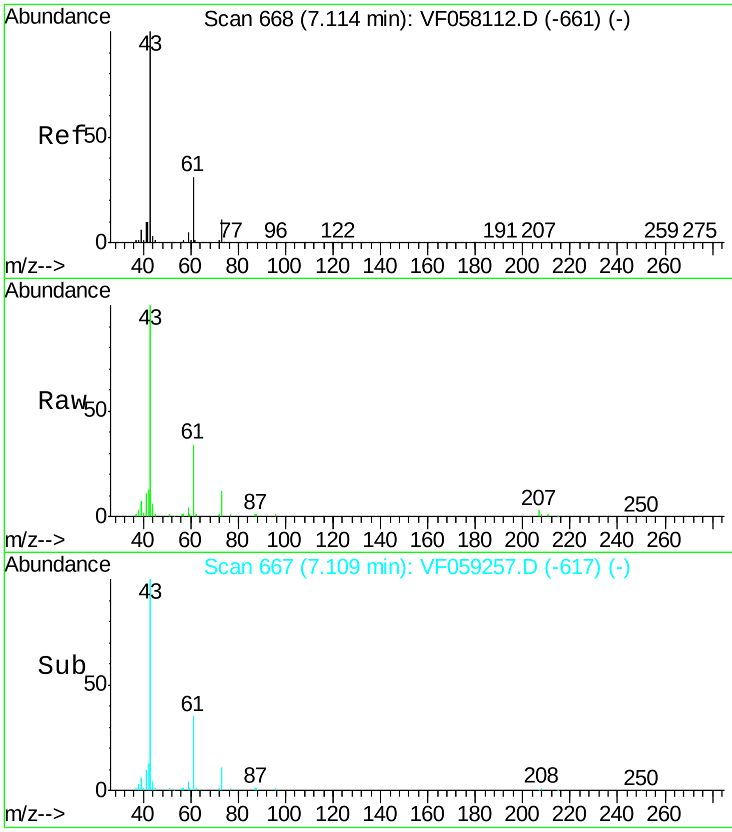


#42
1,2-Dichloroethane
Concen: 24.21 ug/l
RT: 5.11 min Scan# 464
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 62 Resp: 98480

Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	11.8





#43
Isopropyl Acetate
Concen: 18.89 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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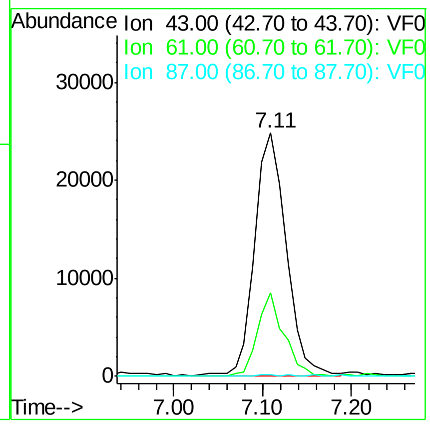
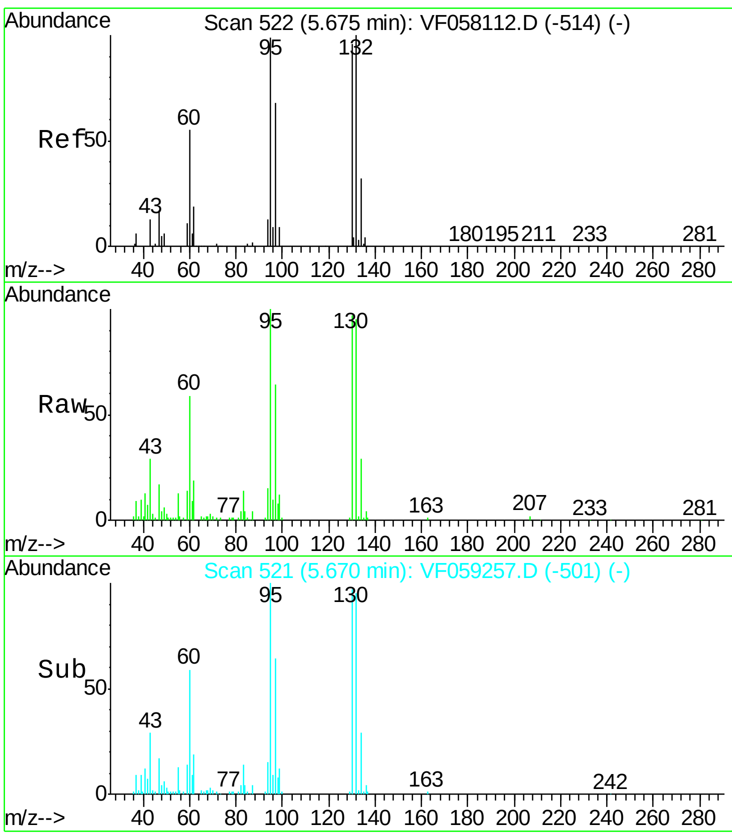
Tgt Ion: 43 Resp: 61068

Ion	Ratio	Lower	Upper
43	100		
61	34.2	25.1	37.7
87	0.7	0.2	0.4#

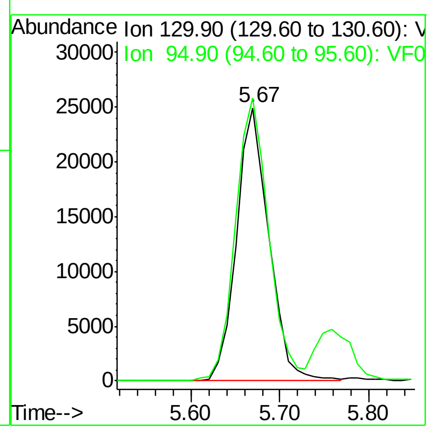


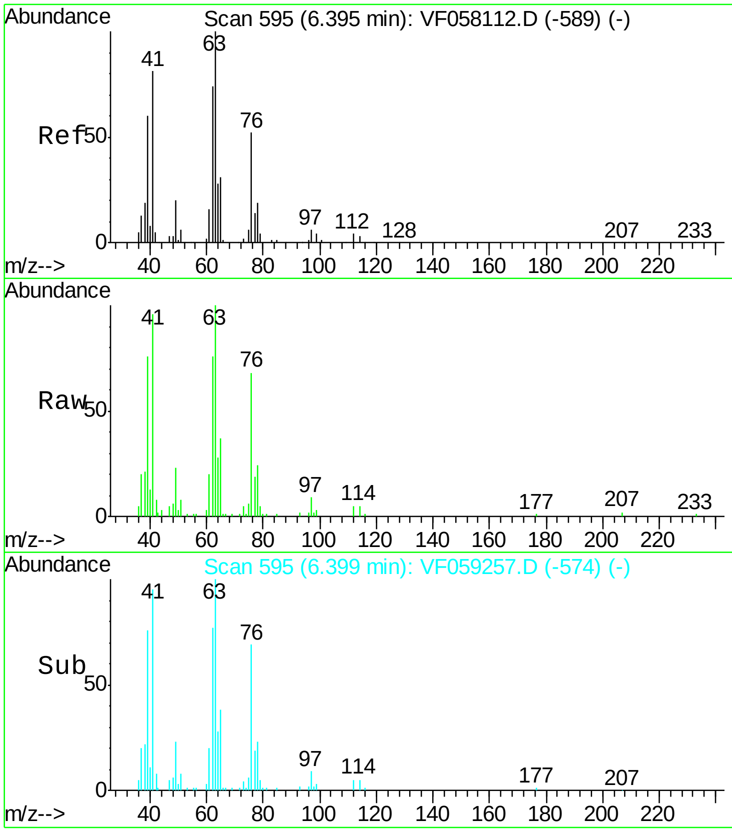


#44
Trichloroethene
Concen: 22.30 ug/l
RT: 5.67 min Scan# 521
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:130 Resp: 63178

Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	206.8





#45
1,2-Dichloropropane
Concen: 20.42 ug/l
RT: 6.40 min   Scan# 595
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 63 Resp: 53409

Ion	Ratio	Lower	Upper
63	100		
65	37.4	24.6	37.0#

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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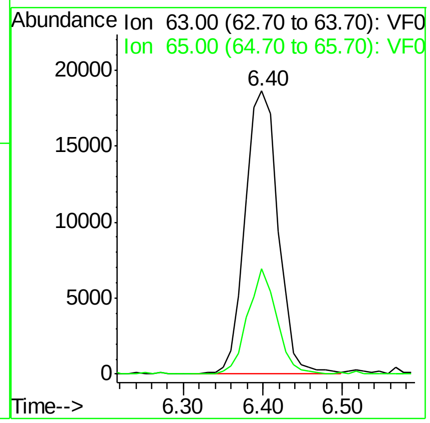
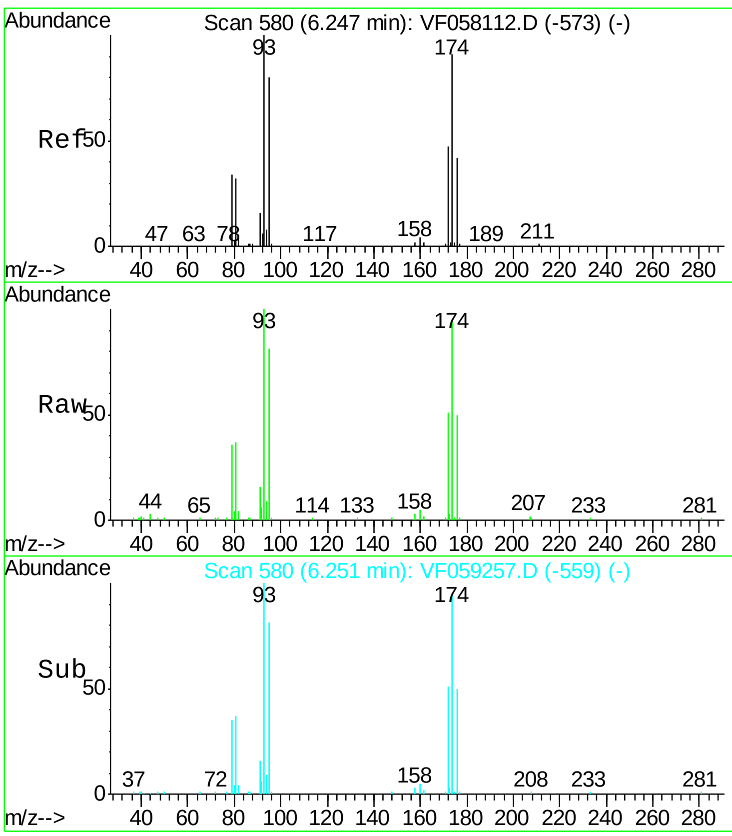
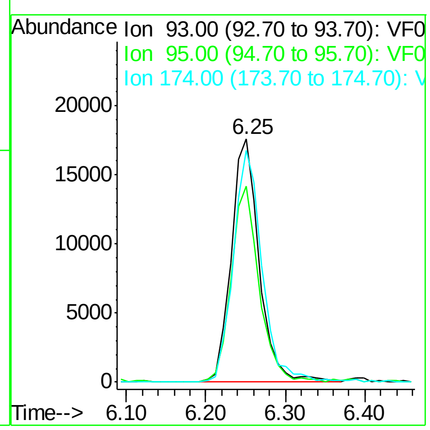


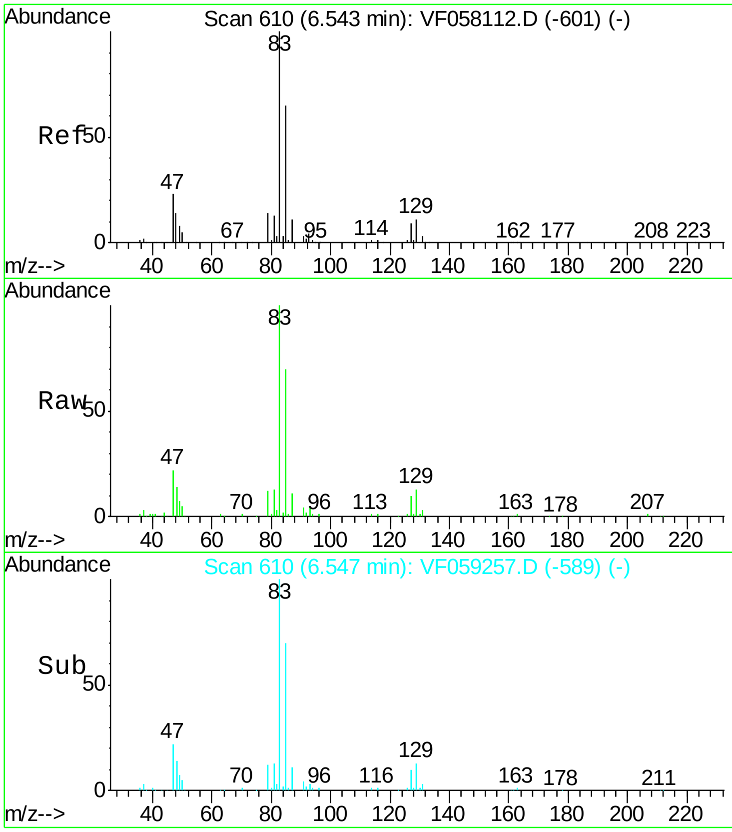


#46
Dibromomethane
Concen: 22.07 ug/l
RT: 6.25 min   Scan# 580
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 93 Resp: 43430

Ion	Ratio	Lower	Upper
93	100		
95	80.8	64.2	96.4
174	95.2	72.7	109.1





#47
Bromodichloromethane
Concen: 23.55 ug/l
RT: 6.55 min Scan# 610
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Tgt Ion: 83 Resp: 105401

Ion	Ratio	Lower	Upper
83	100		
85	70.0	51.6	77.4
127	9.6	7.2	10.8

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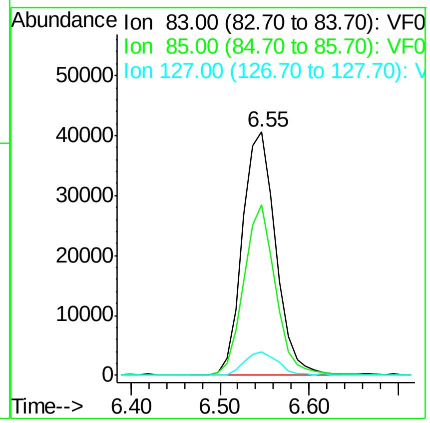
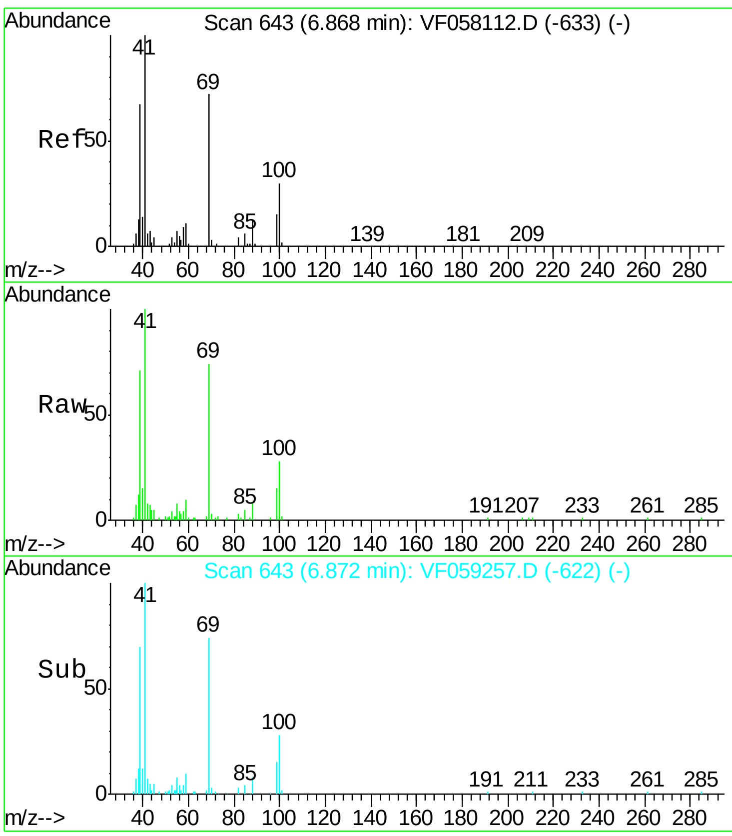
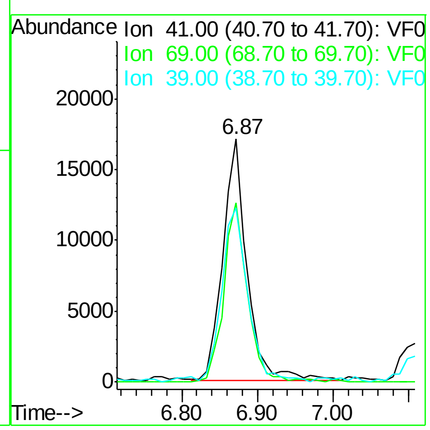


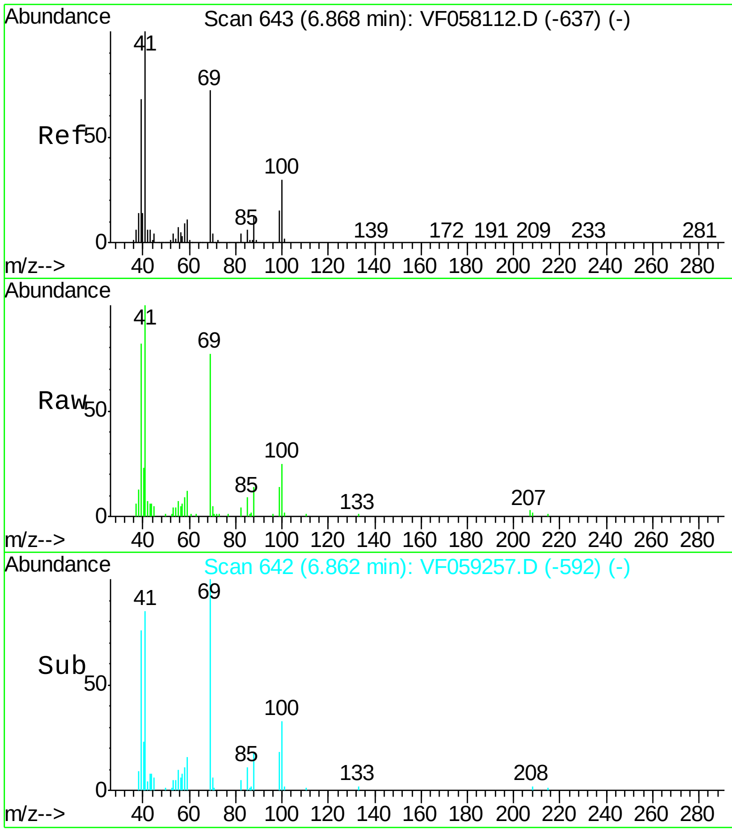


#48
Methyl methacrylate
Concen: 18.88 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 41 Resp: 37627

Ion	Ratio	Lower	Upper
41	100		
69	73.8	57.2	85.8
39	71.4	54.3	81.5





#49
1,4-Dioxane
Concen: 330.65 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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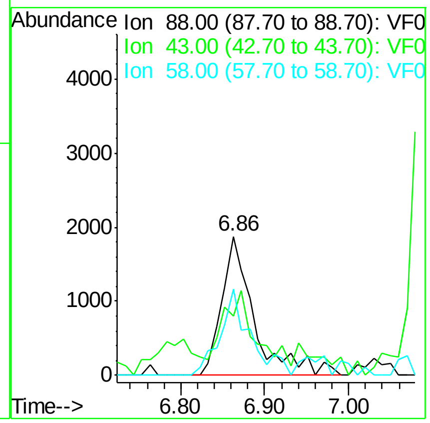
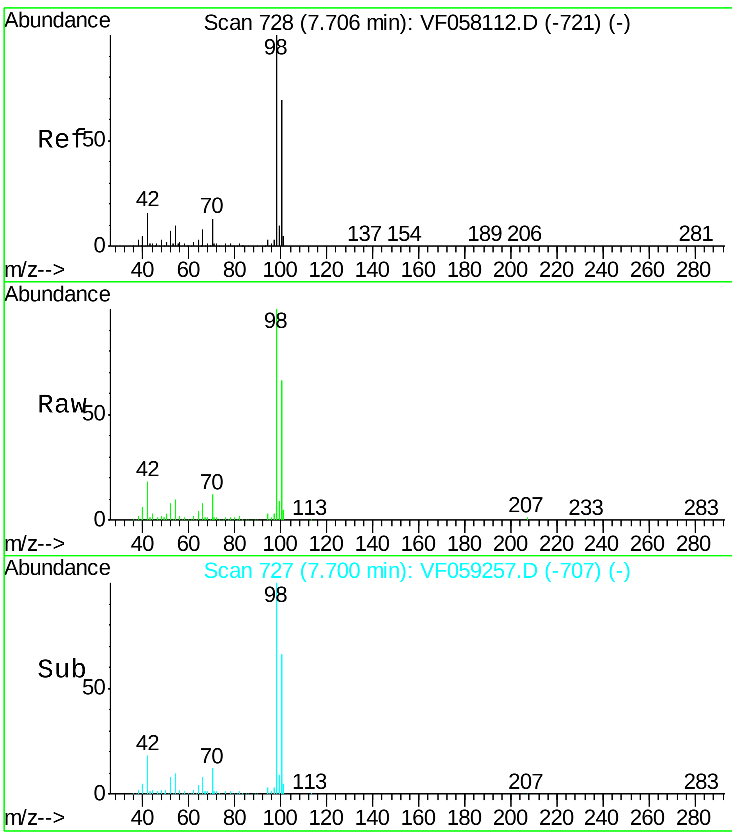
Tgt Ion: 88 Resp: 5027

Ion	Ratio	Lower	Upper
88	100		
43	42.7	47.8	71.8#
58	61.9	59.4	89.0

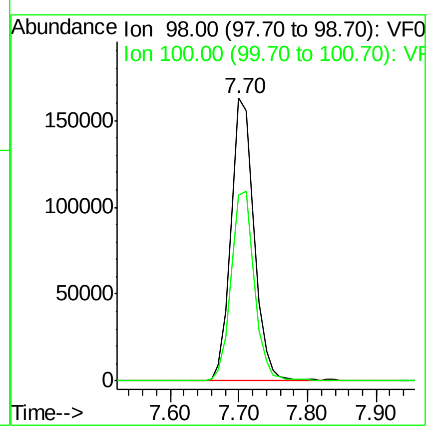


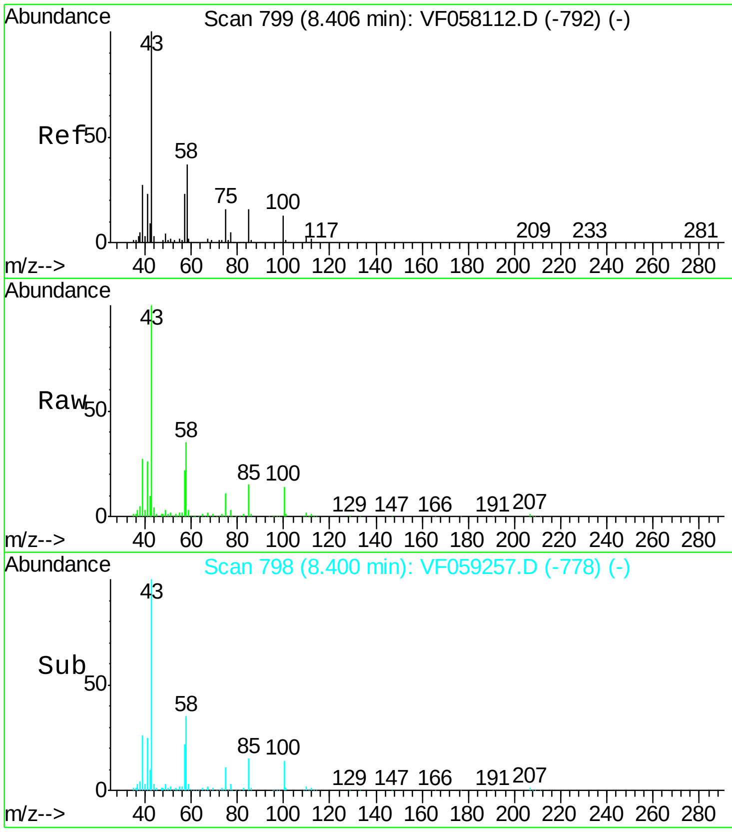


#50
Toluene-d8
Concen: 46.02 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 98 Resp: 382375

Ion	Ratio	Lower	Upper
98	100		
100	65.8	55.6	83.4





#51
4-Methyl-2-Pentanone
Concen: 107.54 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Tgt Ion: 43 Resp: 238306

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.4	44.0

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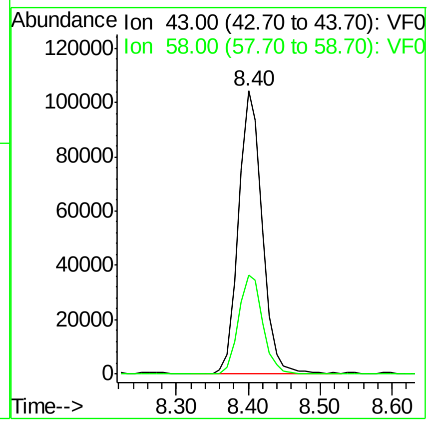
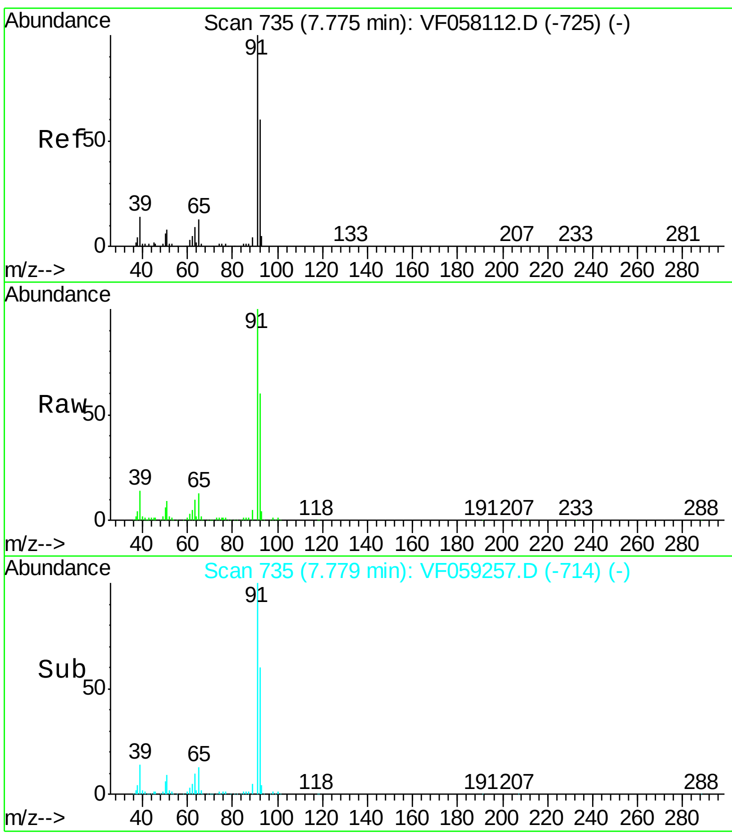
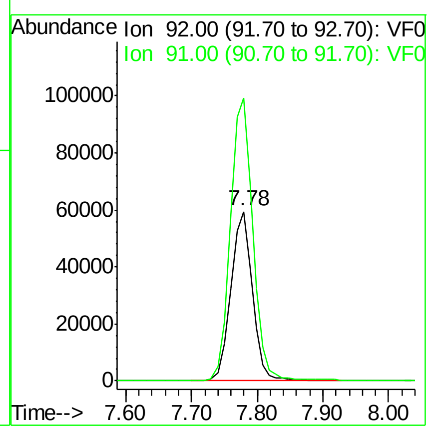


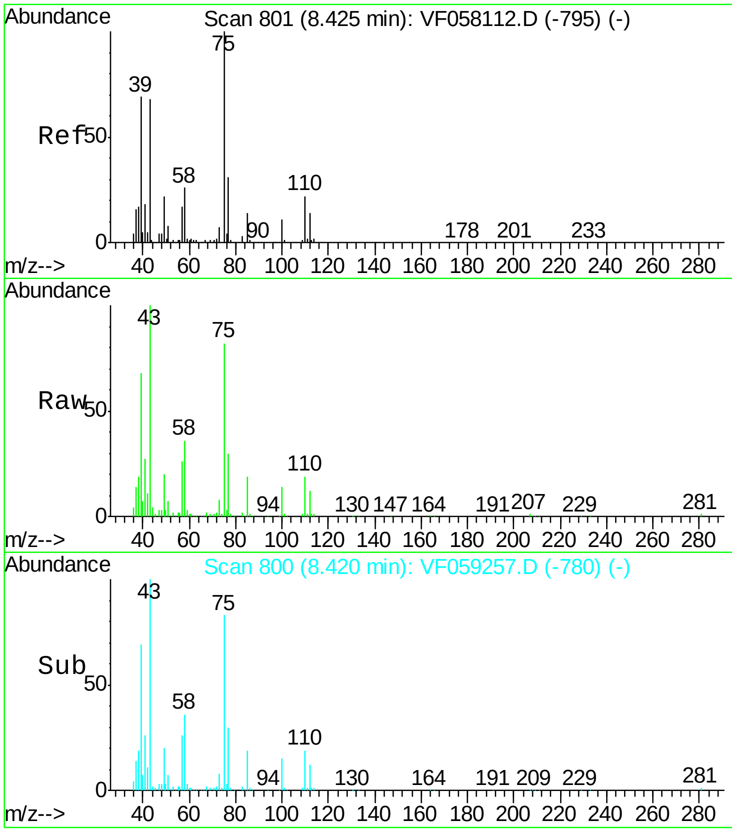


#52
Toluene
Concen: 21.16 ug/l
RT: 7.78 min Scan# 735
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 92 Resp: 138252

Ion	Ratio	Lower	Upper
92	100		
91	166.9	132.9	199.3





#53
t-1,3-Dichloropropene
Concen: 22.39 ug/l
RT: 8.42 min   Scan# 800
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 75 Resp: 97064

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.1	37.7

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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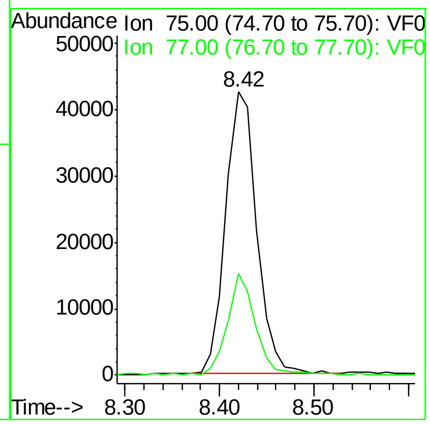
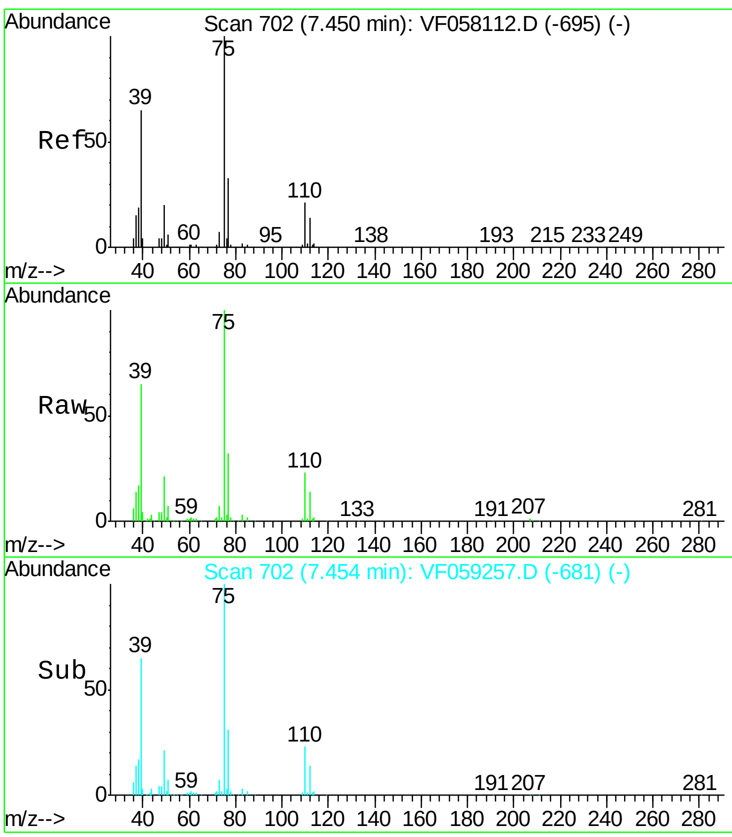
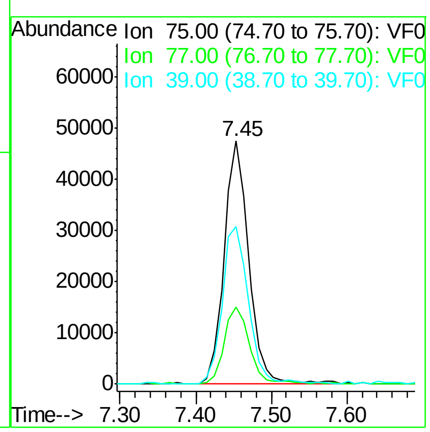


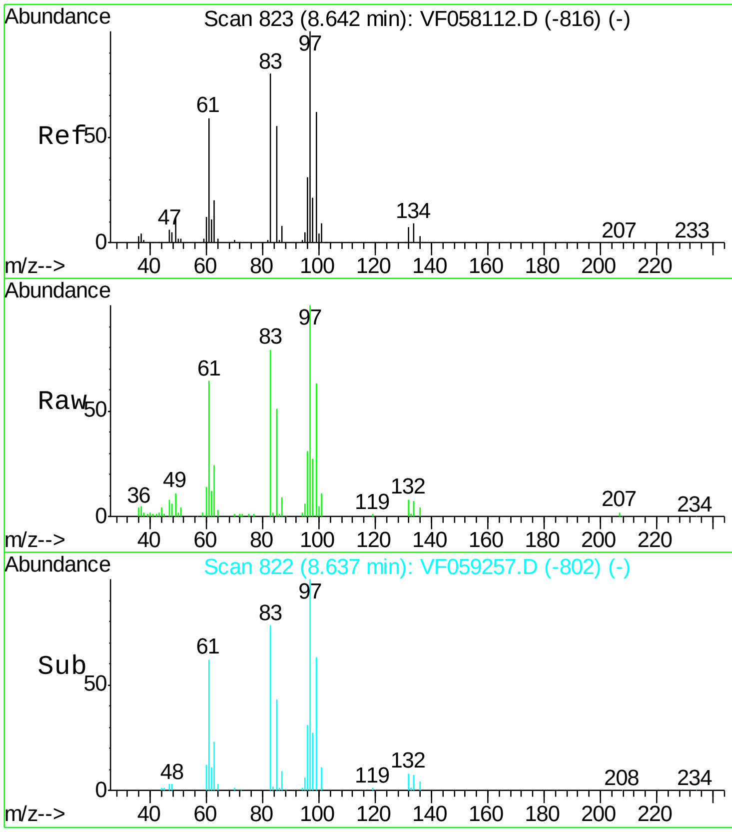


#54
cis-1,3-Dichloropropene
Concen: 21.36 ug/l
RT: 7.45 min   Scan# 702
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 75 Resp: 106351

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.3	39.5
39	64.9	52.1	78.1





#55
1,1,2-Trichloroethane
Concen: 22.78 ug/l
RT: 8.64 min Scan# 822
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 97 Resp: 53926

Ion	Ratio	Lower	Upper
97	100		
83	79.2	64.3	96.5
85	50.8	43.8	65.8
99	62.7	49.8	74.8

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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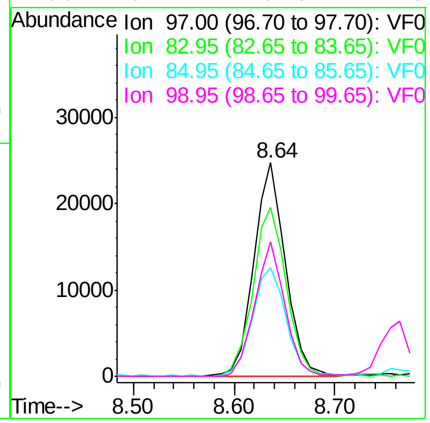
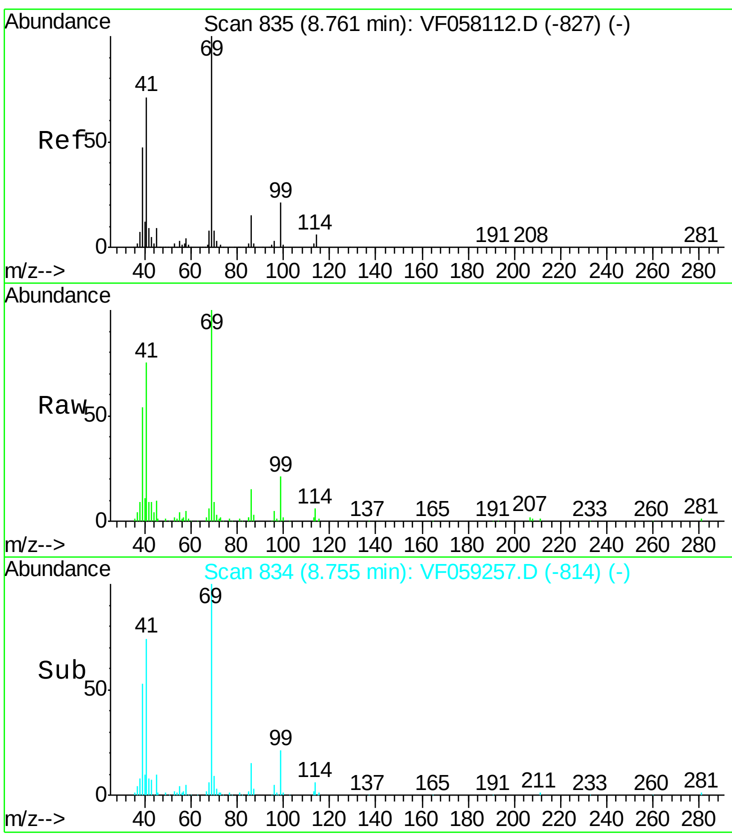
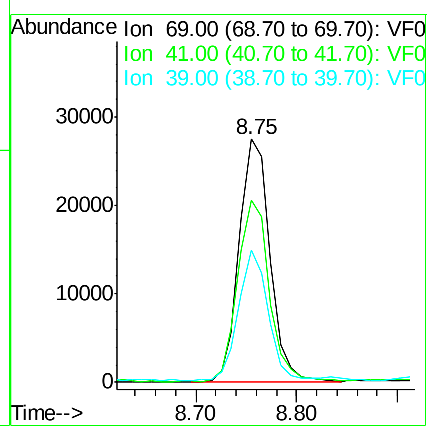


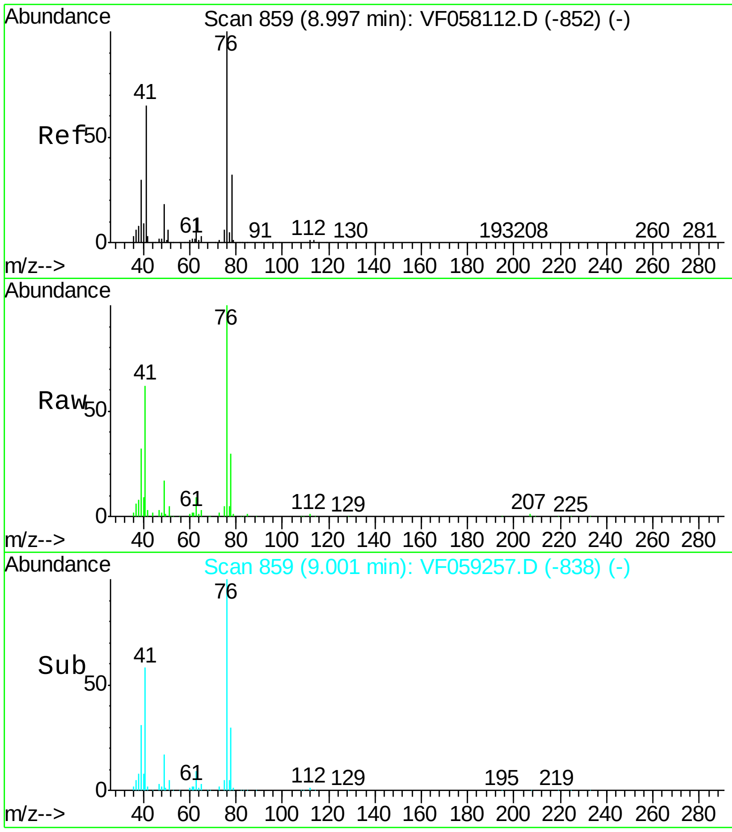


#56
Ethyl methacrylate
Concen: 19.77 ug/l
RT: 8.75 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 69 Resp: 58995

Ion	Ratio	Lower	Upper
69	100		
41	74.6	56.9	85.3
39	54.4	38.0	57.0





#57
1,3-Dichloropropane
Concen: 21.97 ug/l
RT: 9.00 min Scan# 859
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion: 76 Resp: 88959

Ion	Ratio	Lower	Upper
76	100		
78	30.2	25.8	38.6

Manual Integrations APPROVED
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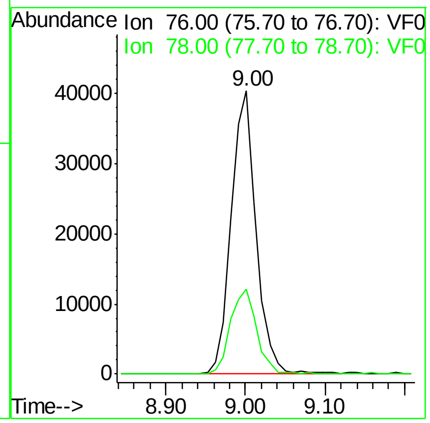
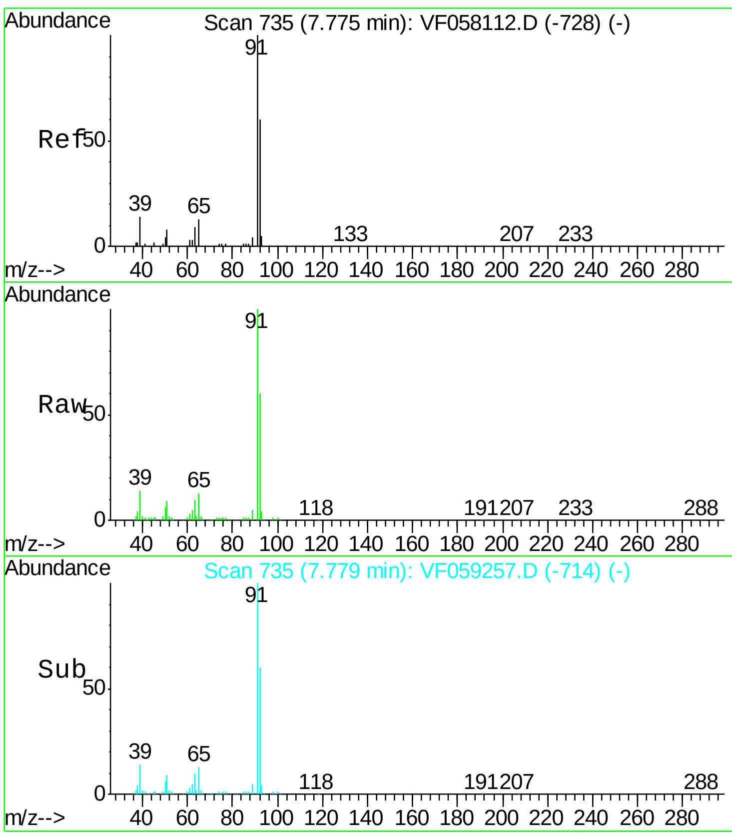
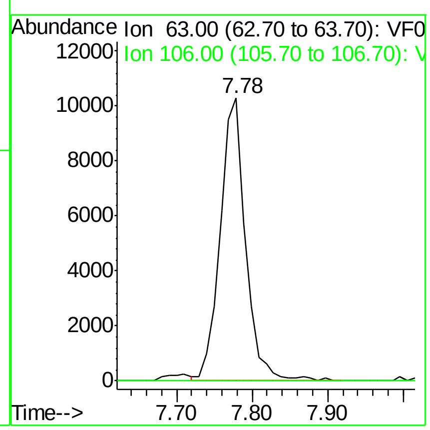


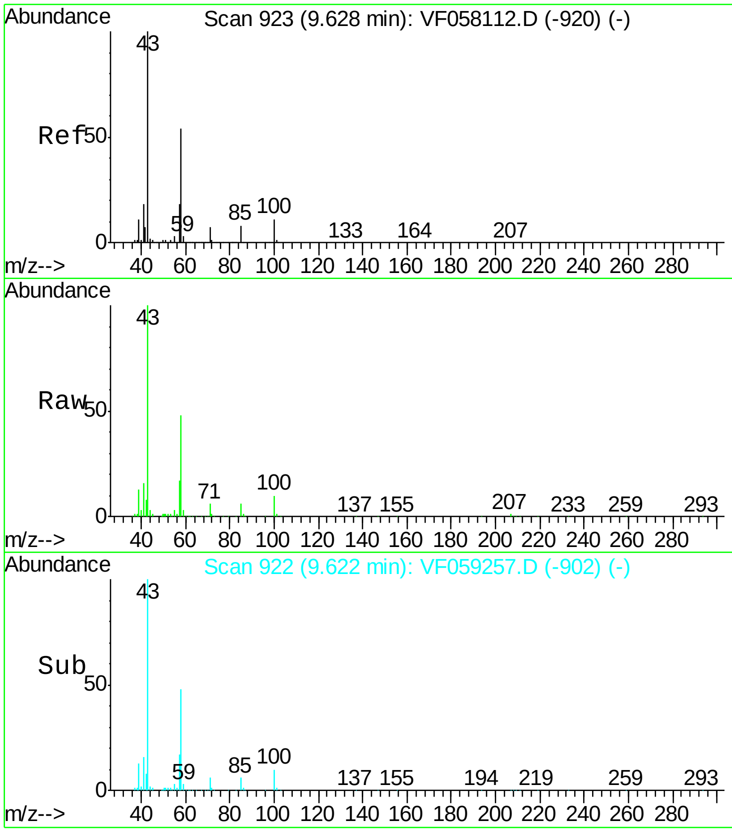


#58
2-Chloroethyl Vinyl ether
Concen: 113.28 ug/l
RT: 7.78 min Scan# 735
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 63 Resp: 24168

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





#59
2-Hexanone
Concen: 116.02 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 43 Resp: 203375

Ion	Ratio	Lower	Upper
43	100		
58	48.0	26.3	78.8

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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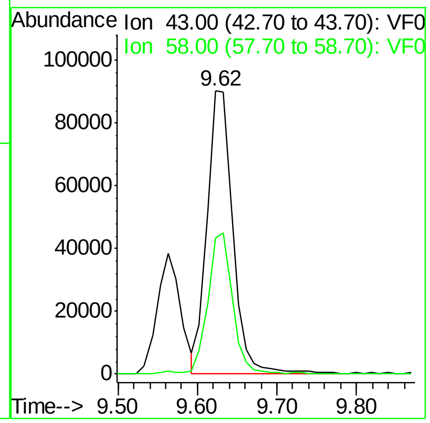
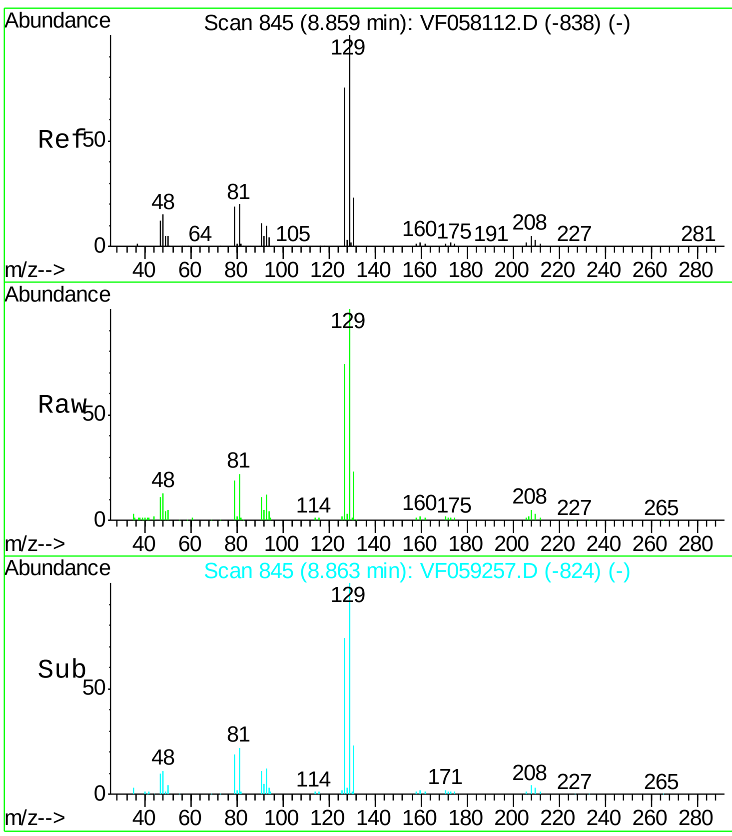
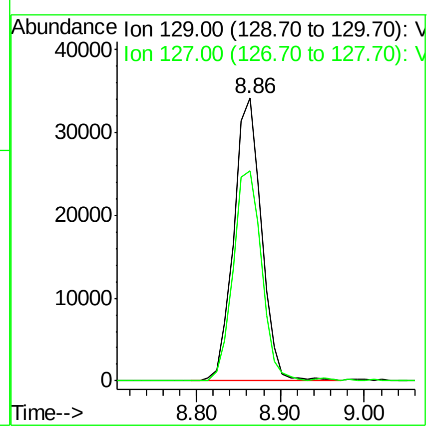




#60
Dibromochloromethane
Concen: 23.04 ug/l
RT: 8.86 min Scan# 845
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:129 Resp: 78378

Ion	Ratio	Lower	Upper
129	100		
127	74.2	37.6	112.9



#61
1,2-Dibromoethane
Concen: 21.68 ug/l
RT: 9.13 min Scan# 872
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:107 Resp: 59639

Ion	Ratio	Lower	Upper
107	100		
109	92.6	76.6	115.0

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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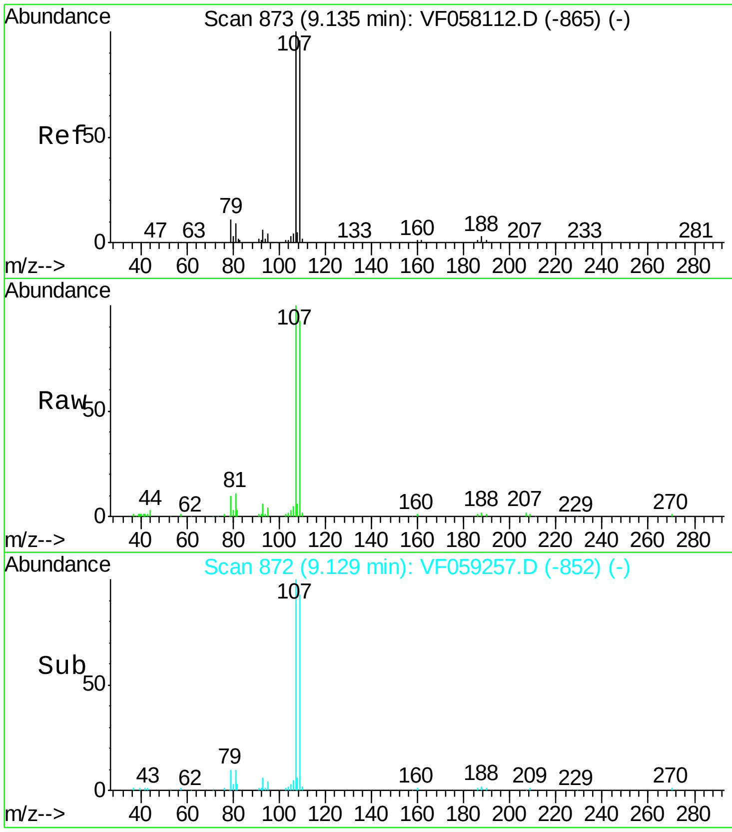
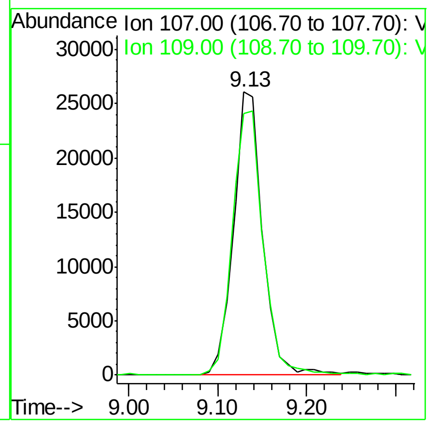
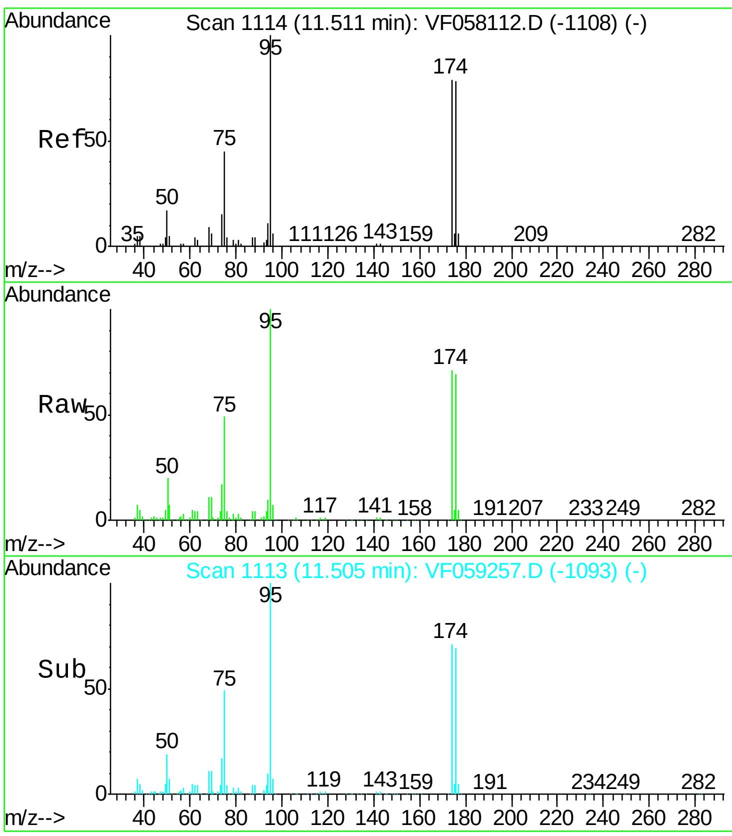


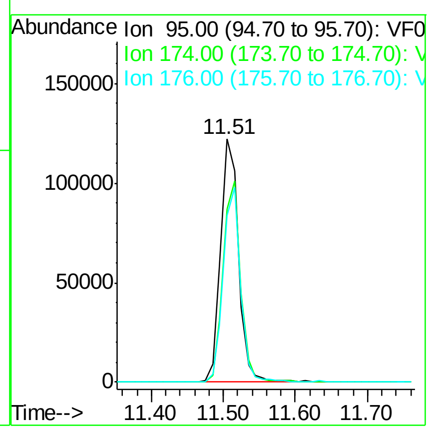


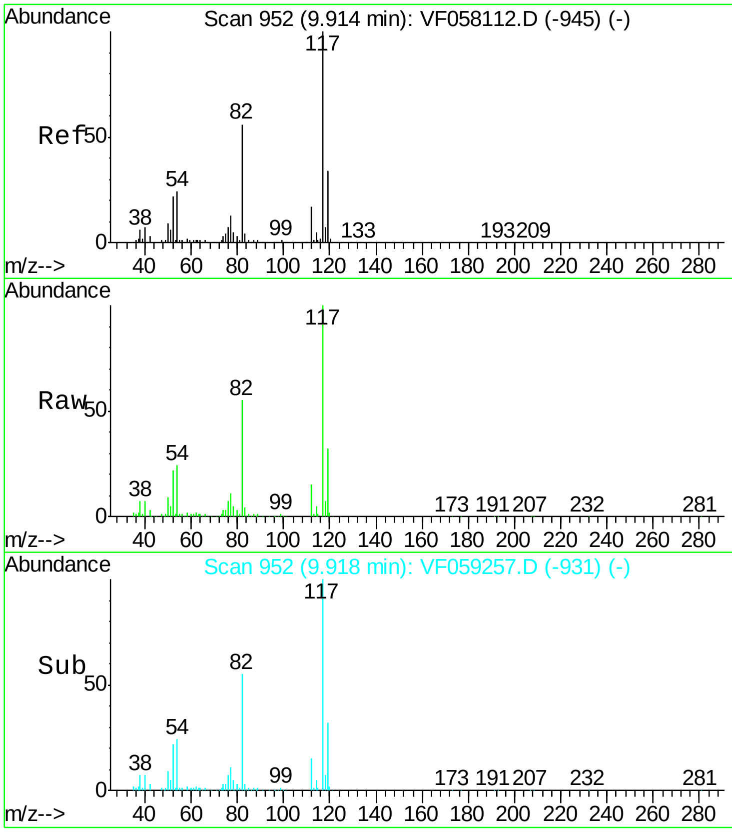
#62
4-Bromofluorobenzene
Concen: 49.07 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 95 Resp: 209118

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	157.8
176	68.6	0.0	155.8







#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min   Scan# 952
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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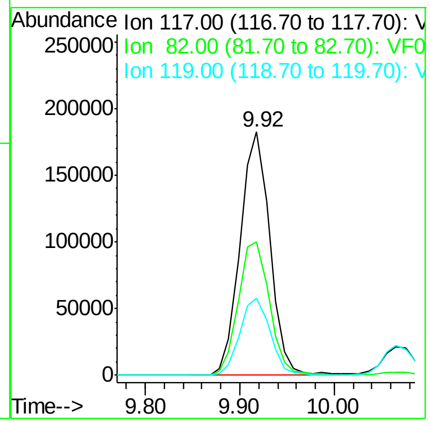
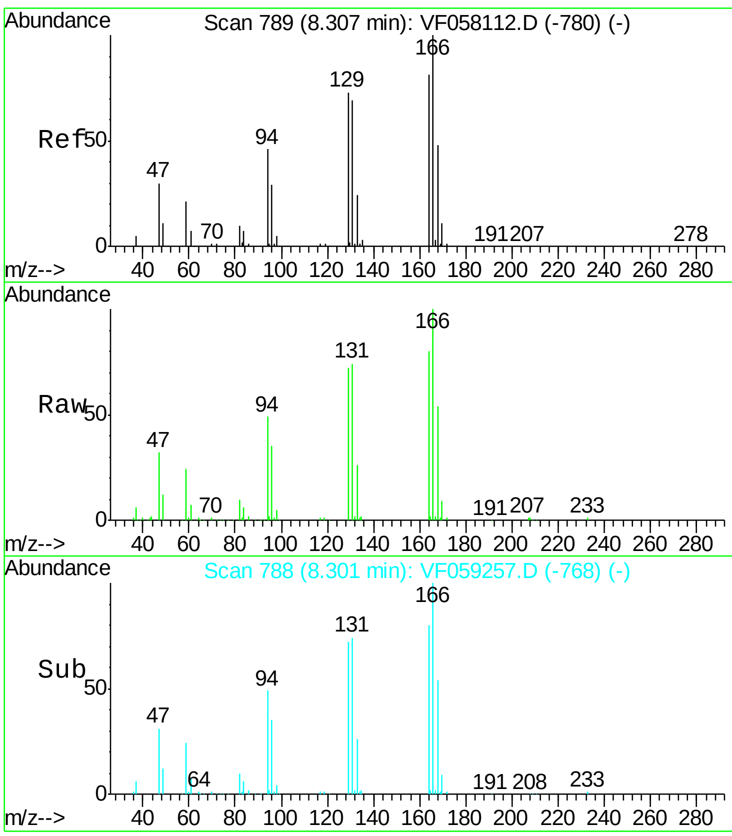
Tgt Ion:117 Resp: 399828

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.2	67.8
119	31.6	27.5	41.3

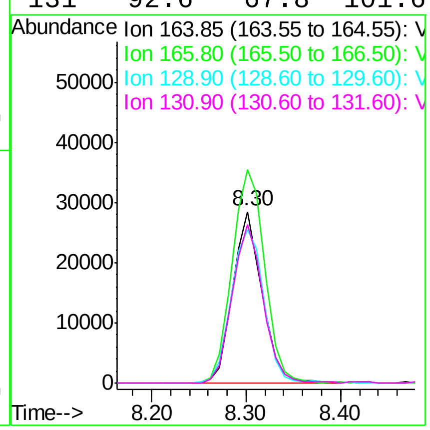


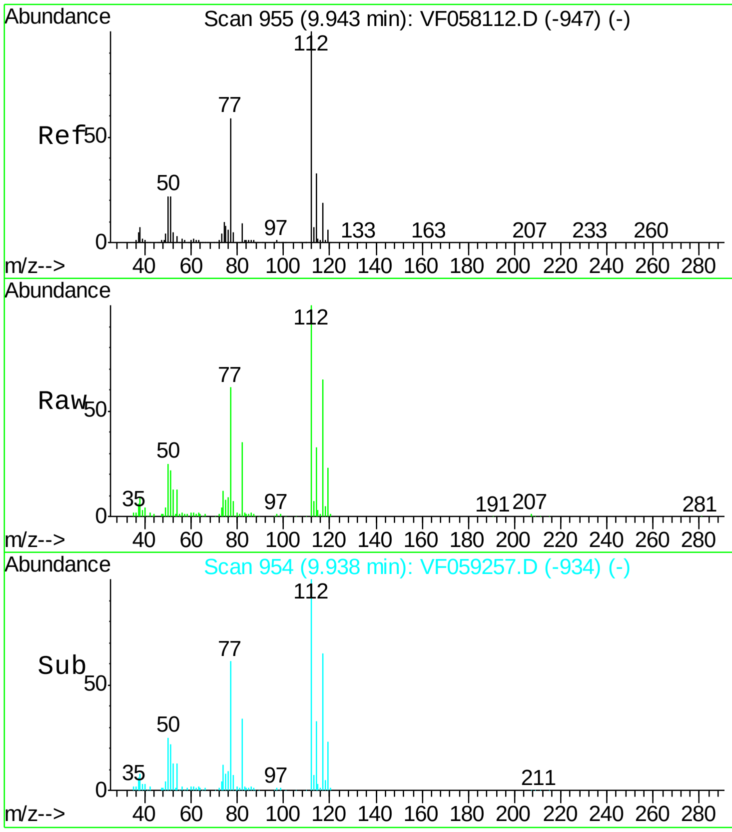


#64
Tetrachloroethene
Concen: 20.93 ug/l
RT: 8.30 min   Scan# 788
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion:164 Resp: 61371

Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.2	147.4
129	89.8	71.6	107.4
131	92.6	67.8	101.6





#65
Chlorobenzene
Concen: 22.59 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion:112 Resp: 178859

Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.2	39.4

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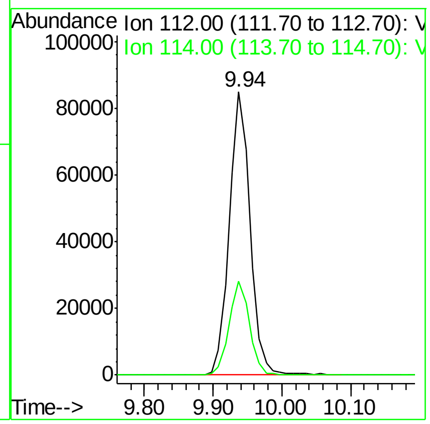
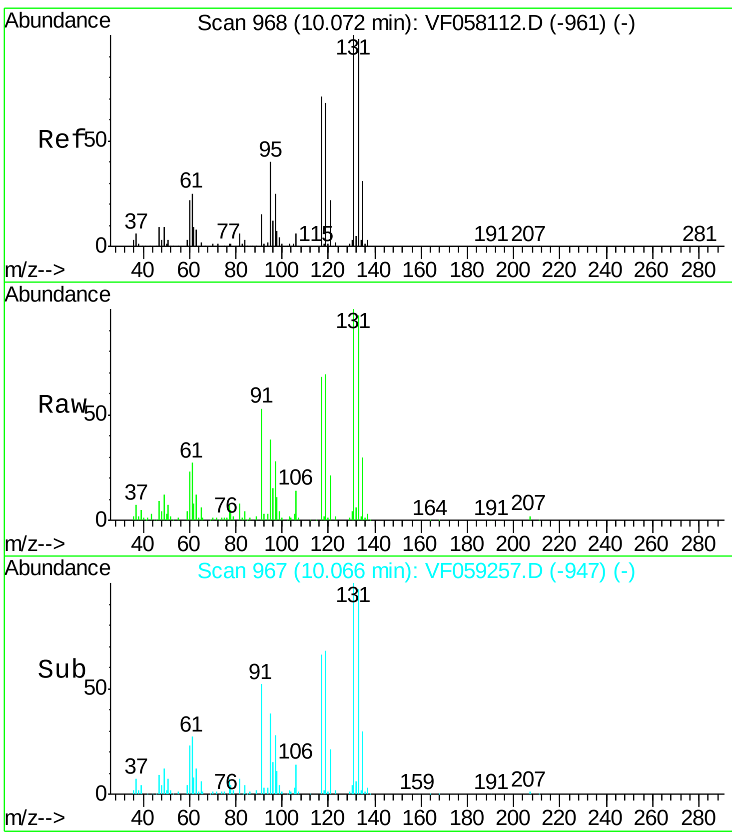
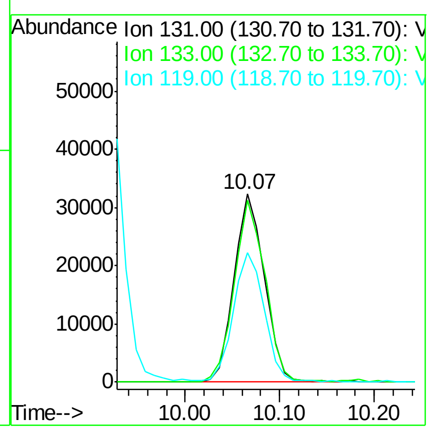


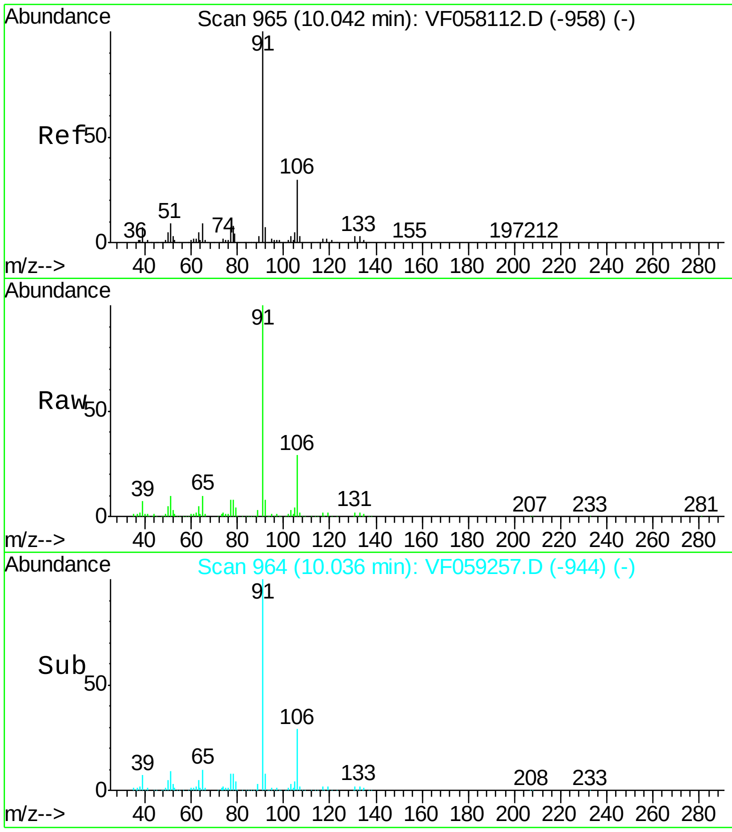


#66
1,1,1,2-Tetrachloroethane
Concen: 22.86 ug/l
RT: 10.07 min Scan# 967
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:131 Resp: 72005

Ion	Ratio	Lower	Upper
131	100		
133	96.9	49.1	147.4
119	69.1	34.3	102.8





#67
Ethyl Benzene
Concen: 22.80 ug/l
RT: 10.04 min   Scan# 964
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 91 Resp: 313710

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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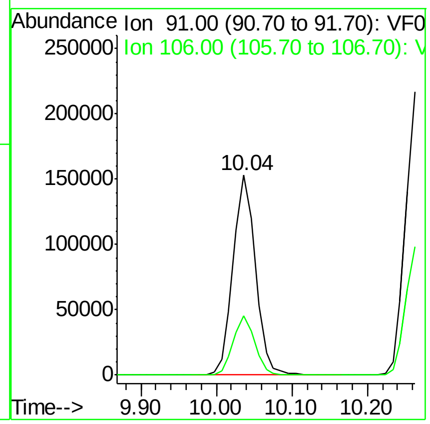
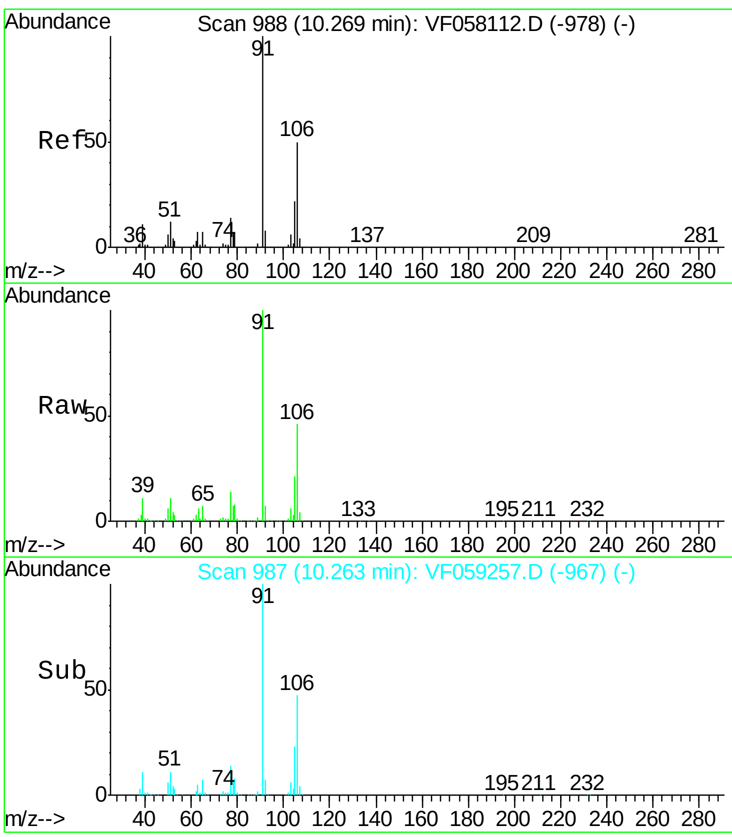
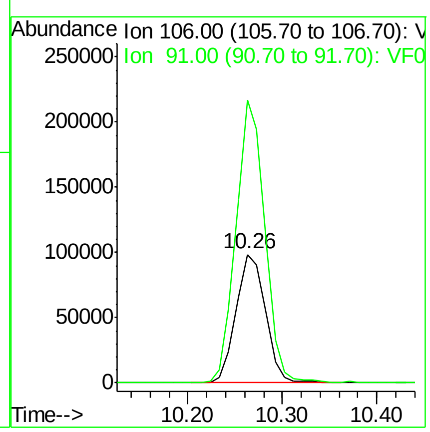


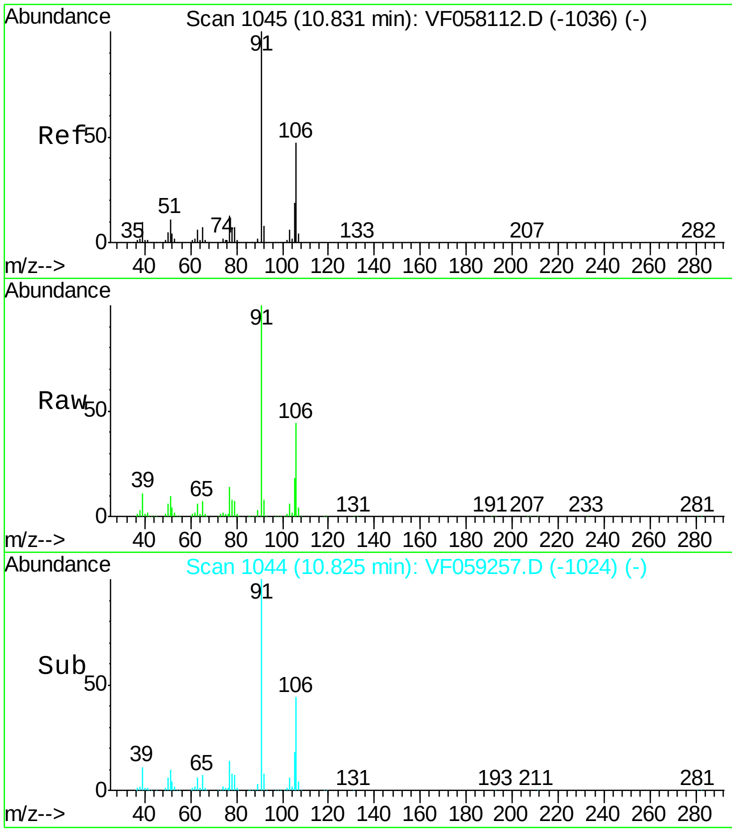


#68
m/p-Xylenes
Concen: 41.48 ug/l
RT: 10.26 min   Scan# 987
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion:106 Resp: 213633

Ion	Ratio	Lower	Upper
106	100		
91	219.5	160.7	241.1





#69
o-Xylene
Concen: 21.78 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:106 Resp: 121245

Ion	Ratio	Lower	Upper
106	100		
91	225.9	107.0	321.0

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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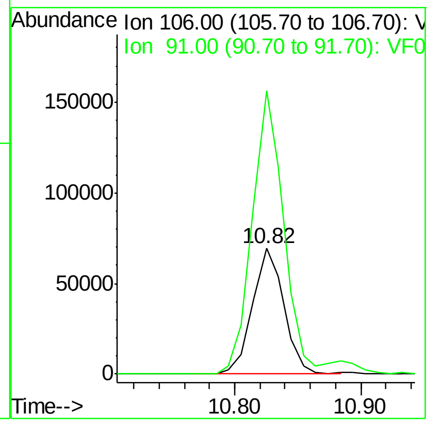
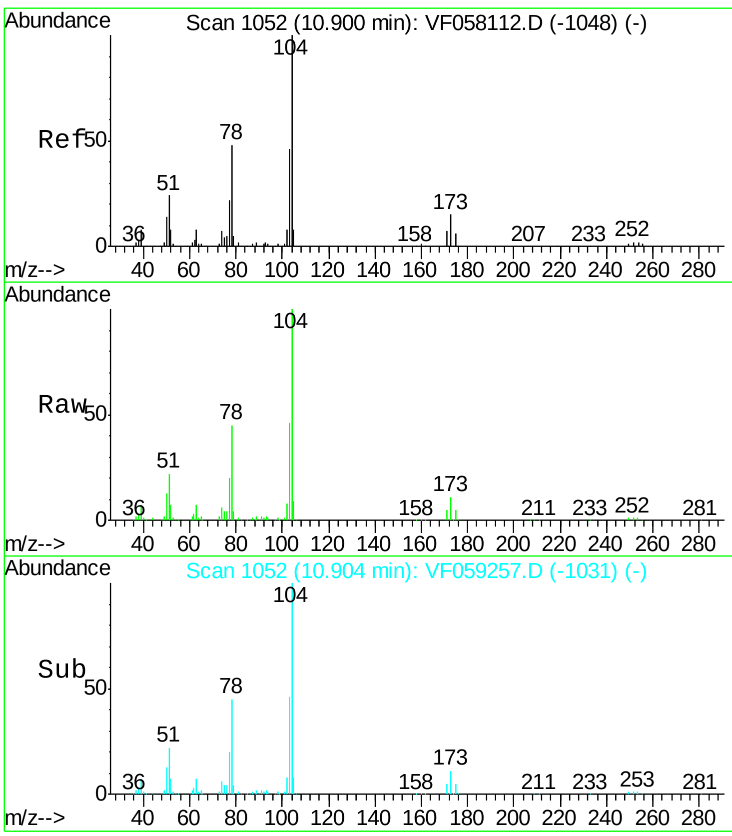
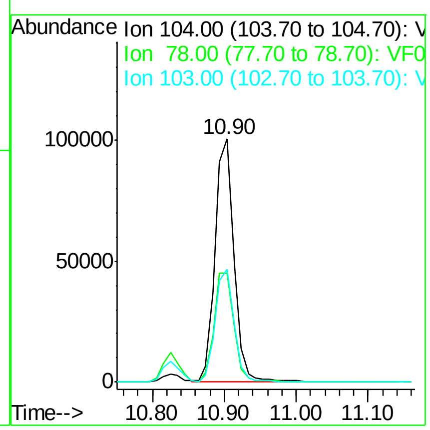


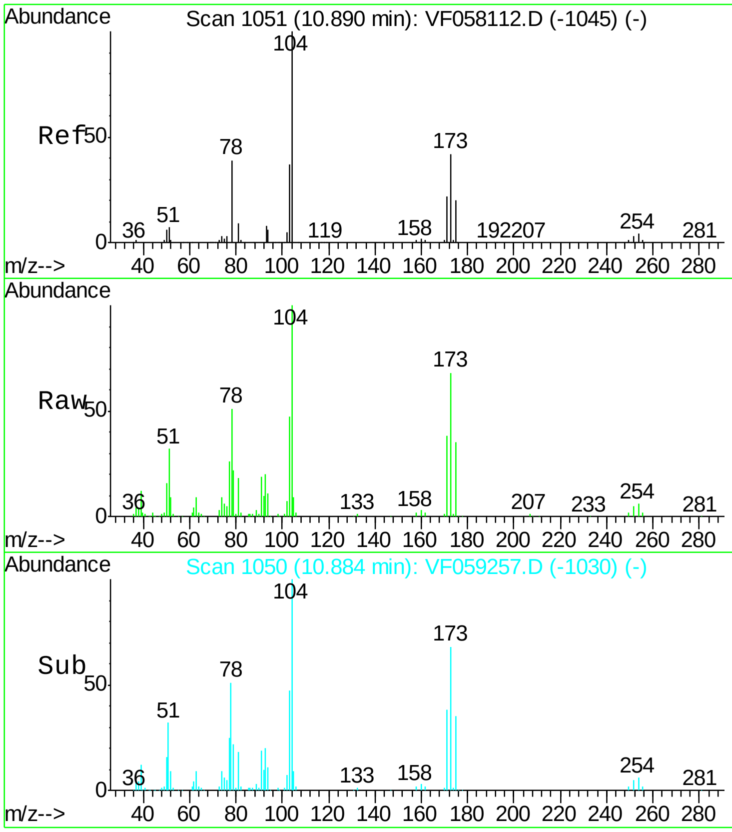


#70
Styrene
Concen: 21.45 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:104 Resp: 180681

Ion	Ratio	Lower	Upper
104	100		
78	44.7	38.4	57.6
103	46.2	37.0	55.6





#71
Bromoform
Concen: 22.91 ug/l
RT: 10.88 min   Scan# 1050
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion:173	Resp:		49005
Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.6	74.0
254	0.0	7.8	11.8#

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Manual Integrations APPROVED
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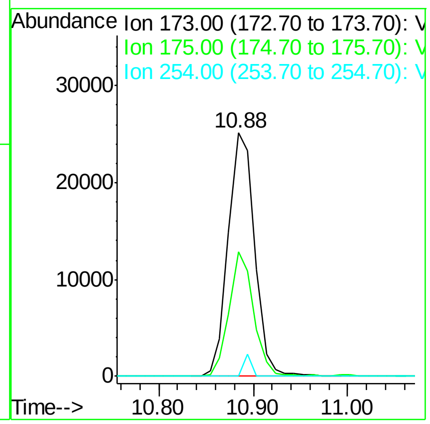
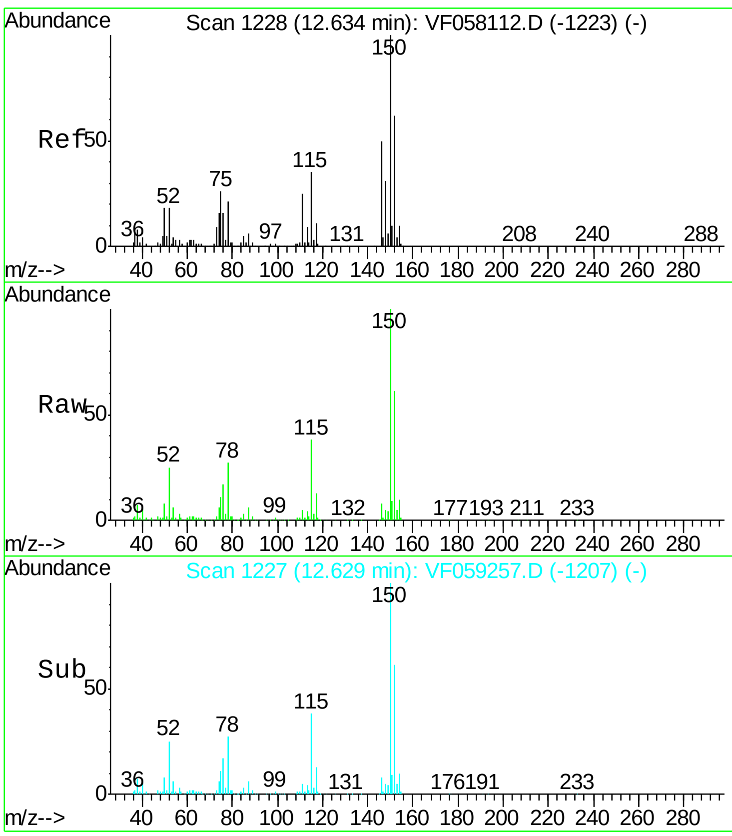
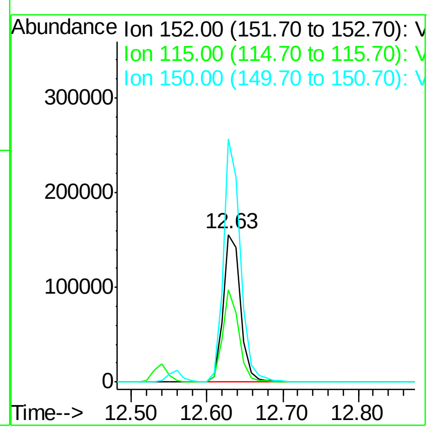




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min   Scan# 1227
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion:152	Resp:		253651
Ion	Ratio	Lower	Upper
152	100		
115	62.4	28.5	85.5
150	164.4	0.0	323.8



#73
Isopropylbenzene
Concen: 20.86 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:105 Resp: 366402

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.7	38.1

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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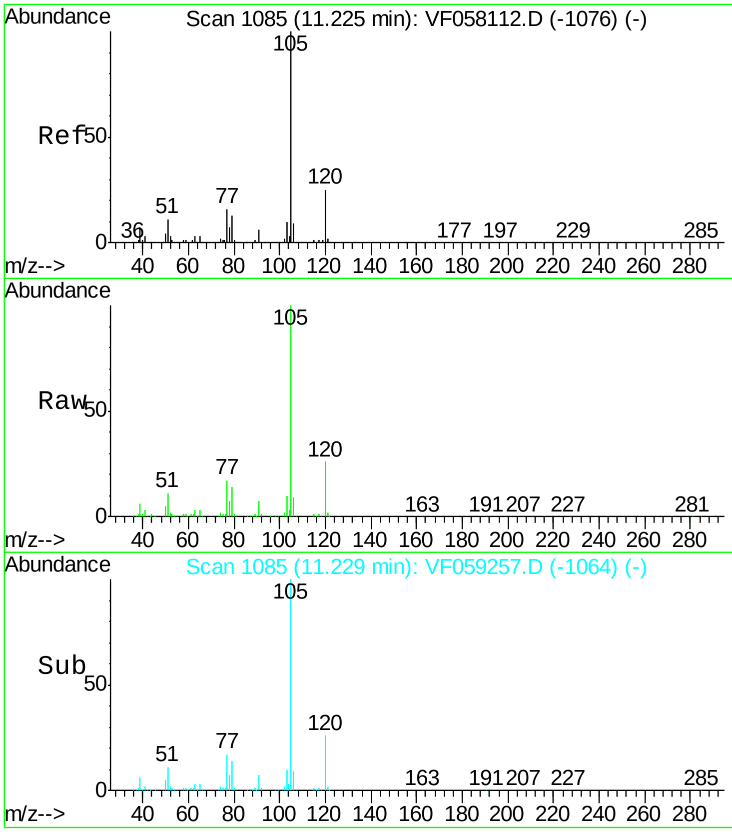
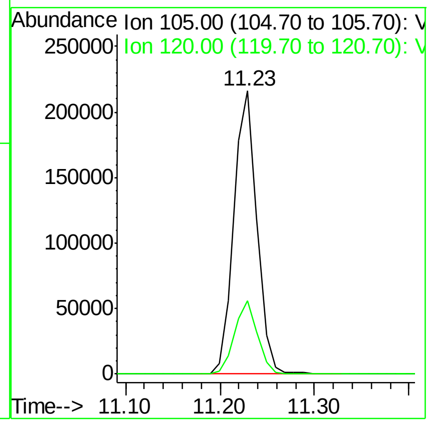
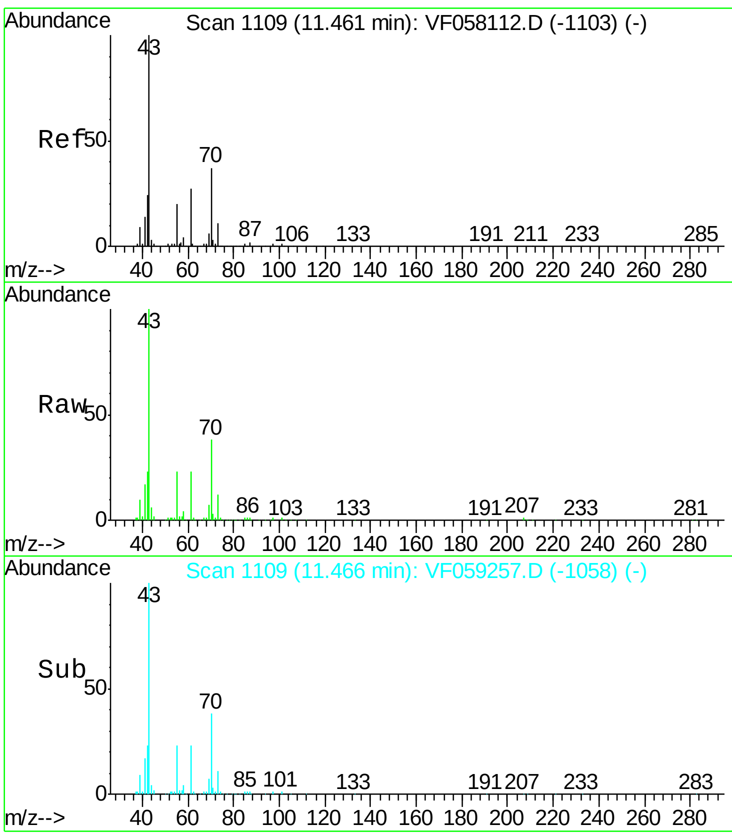


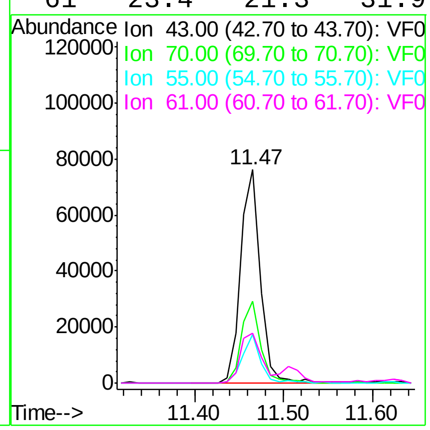


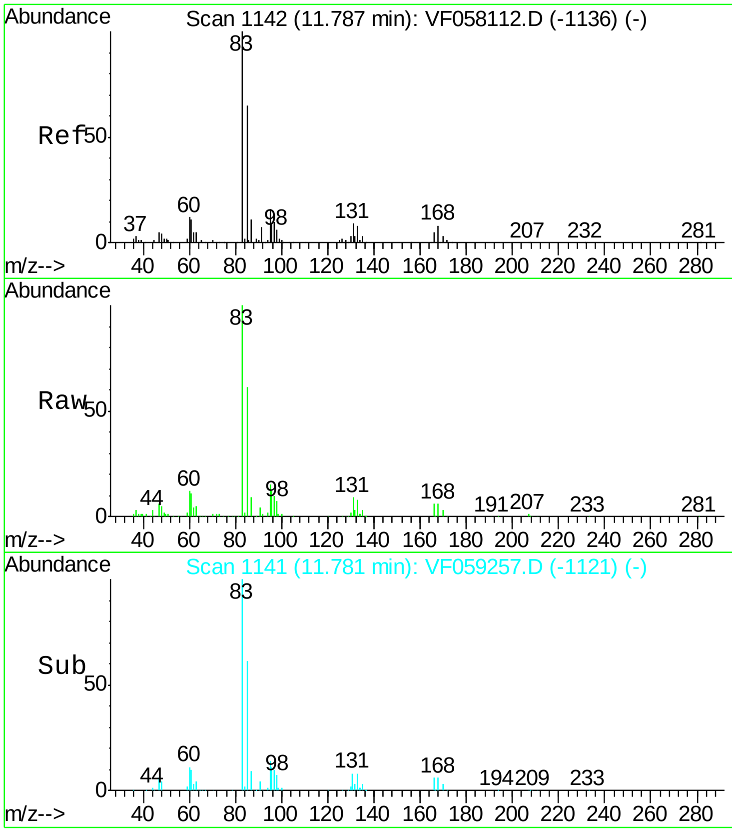
#74
N-amyl acetate
Concen: 18.94 ug/l
RT: 11.47 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 43 Resp: 118792

Ion	Ratio	Lower	Upper
43	100		
70	38.2	29.2	43.8
55	22.7	15.8	23.6
61	23.4	21.3	31.9







#75
1,1,2,2-Tetrachloroethane
Concen: 19.97 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 83 Resp: 83140

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.7
85	61.4	32.8	98.3

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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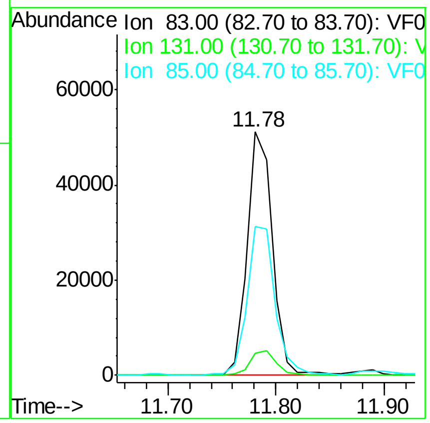
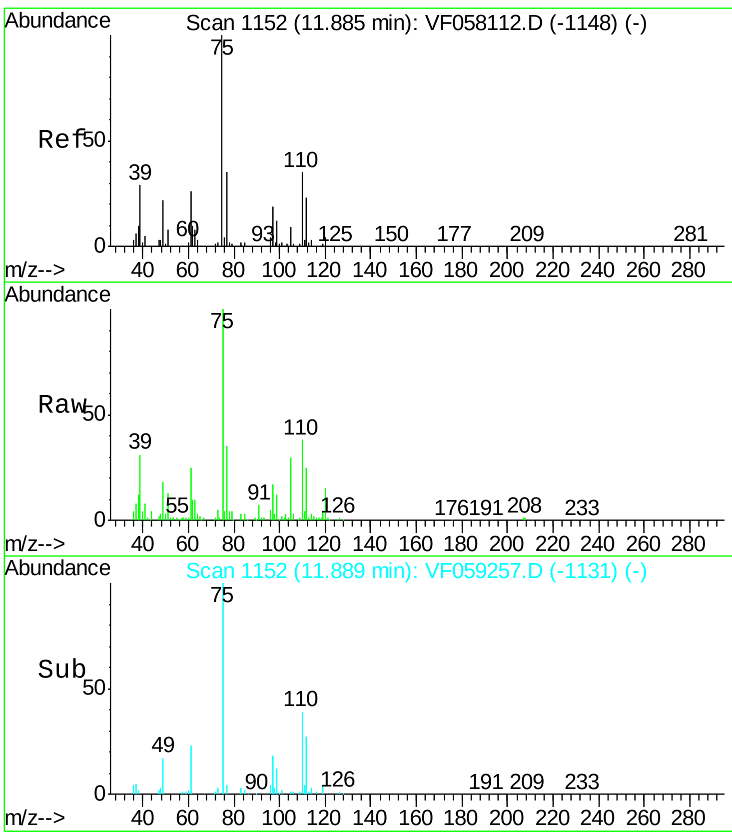
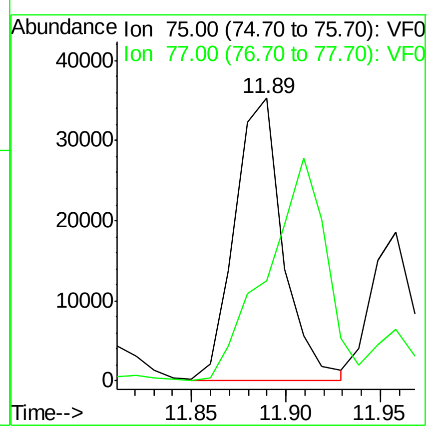


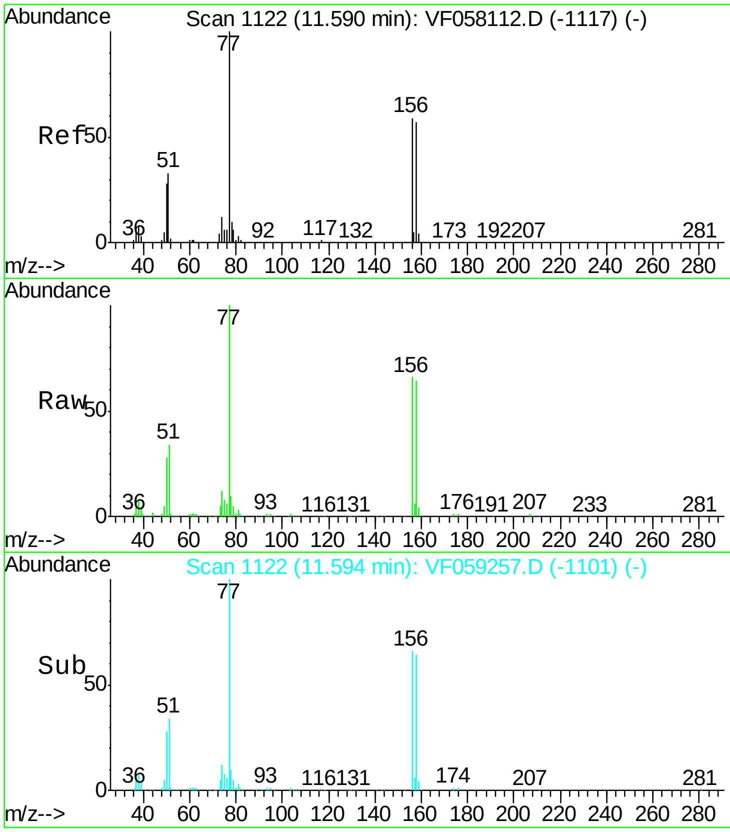


#76
1,2,3-Trichloropropane
Concen: 20.41 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 75 Resp: 62761

Ion	Ratio	Lower	Upper
75	100		
77	35.4	17.5	52.5





#77
Bromobenzene
Concen: 20.37 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion:156 Resp: 90045

Ion	Ratio	Lower	Upper
156	100		
77	151.5	84.8	254.4
158	97.5	47.9	143.7

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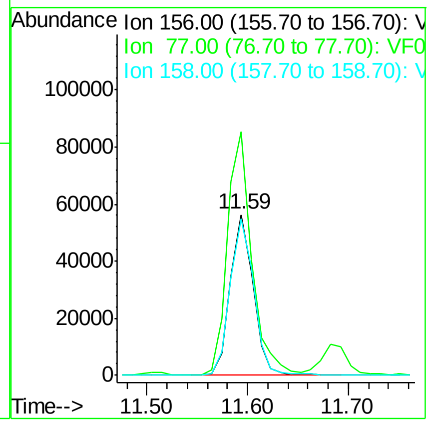
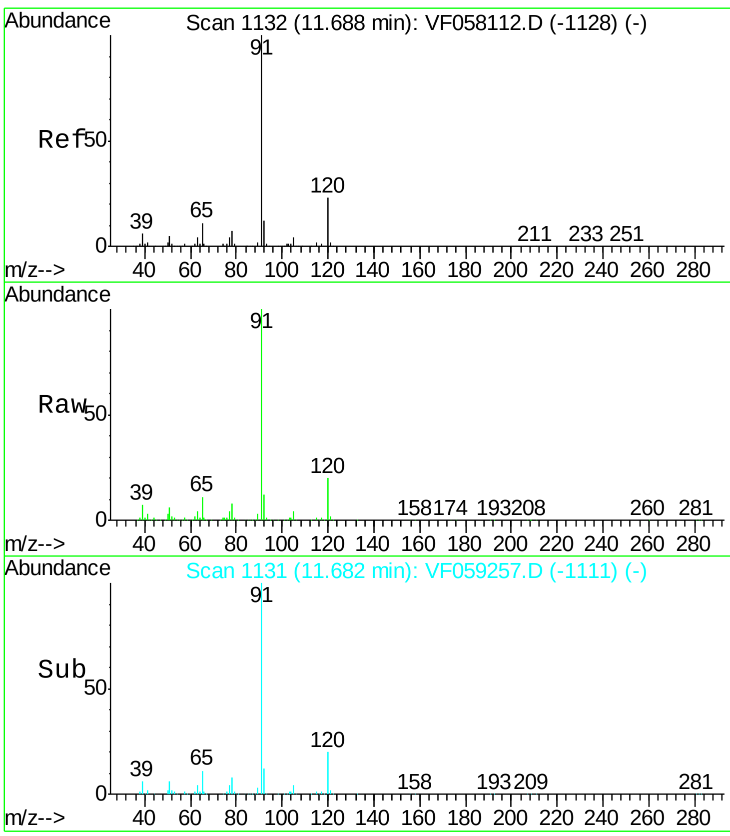
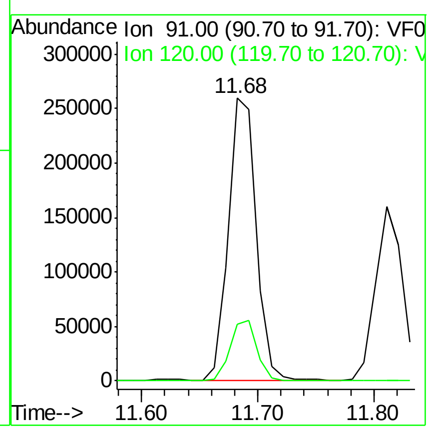


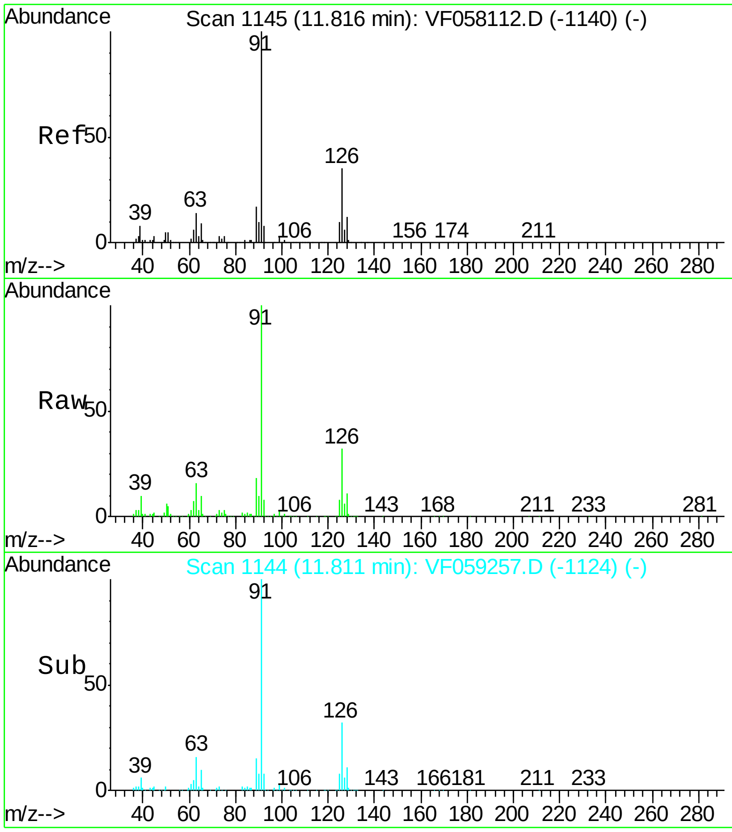


#78
n-propylbenzene
Concen: 20.61 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 91 Resp: 428309

Ion	Ratio	Lower	Upper
91	100		
120	20.1	11.5	34.5





#79
2-Chlorotoluene
Concen: 20.84 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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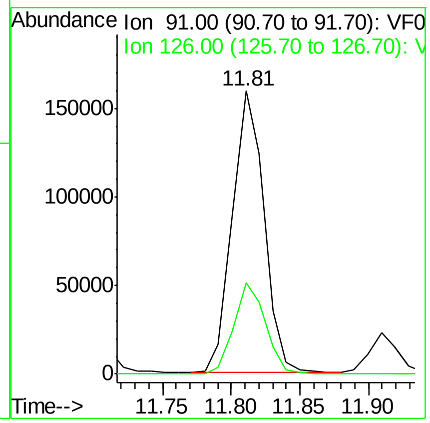
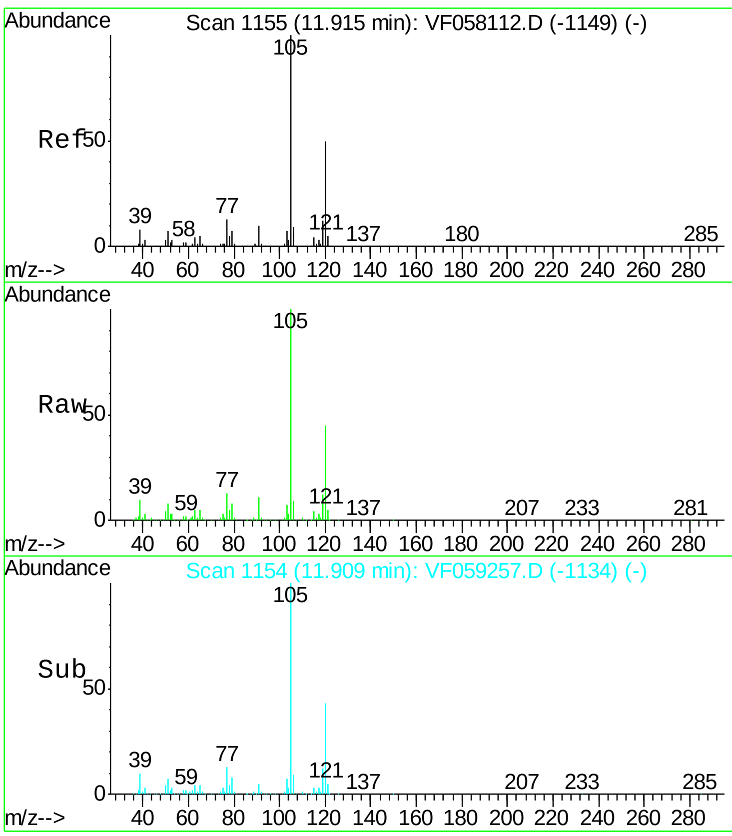
Tgt Ion: 91 Resp: 255902

Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.6	52.9

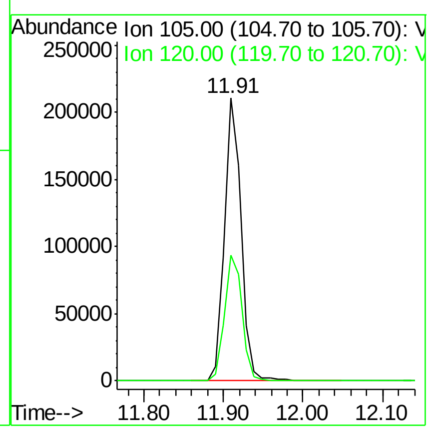


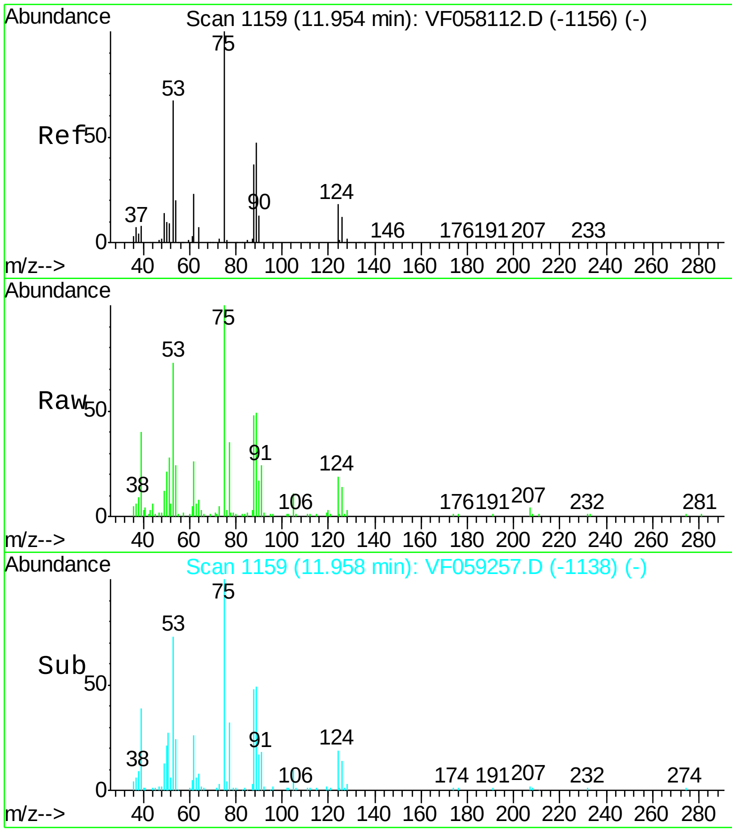


#80
1,3,5-Trimethylbenzene
Concen: 21.62 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:105 Resp: 314260

Ion	Ratio	Lower	Upper
105	100		
120	44.6	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.34 ug/l
RT: 11.96 min   Scan# 1159
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion: 75 Resp: 38565

Ion	Ratio	Lower	Upper
75	100		
53	72.7	58.7	88.1
89	49.1	39.8	59.6

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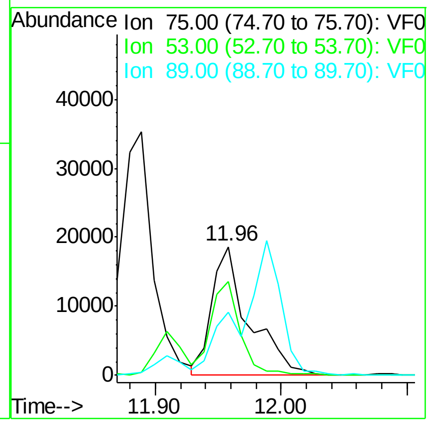
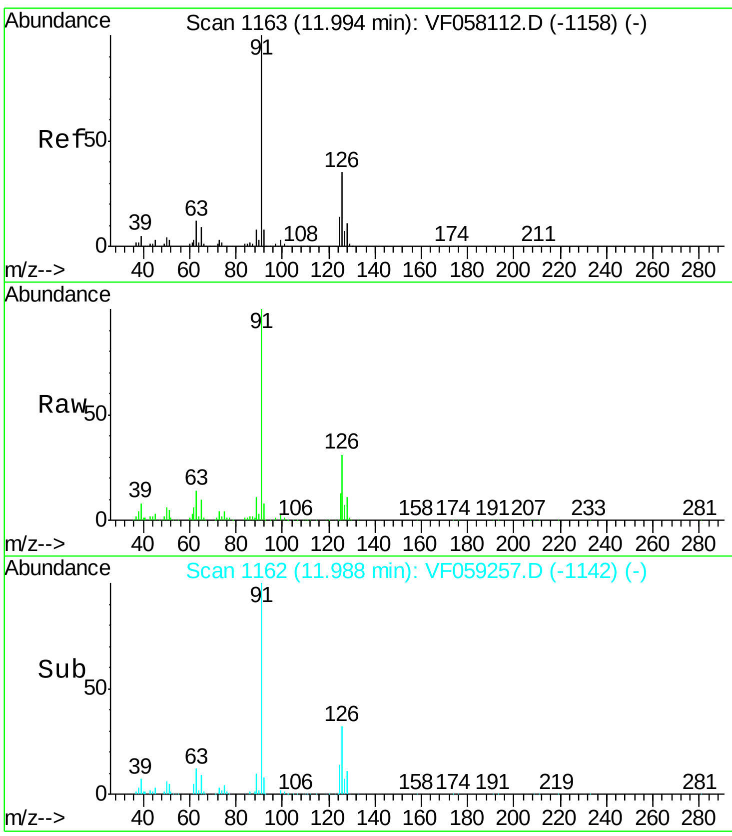
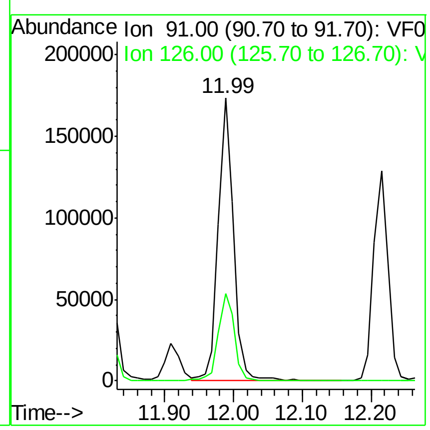


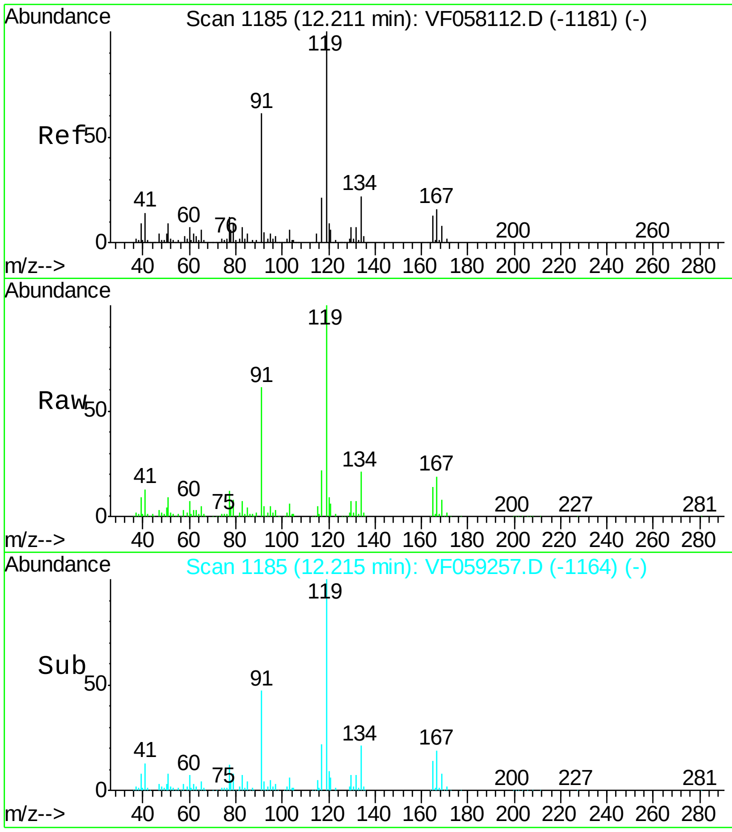


#82
4-Chlorotoluene
Concen: 20.30 ug/l
RT: 11.99 min   Scan# 1162
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 91 Resp: 265447

Ion	Ratio	Lower	Upper
91	100		
126	31.1	17.4	52.2





#83
tert-Butylbenzene
Concen: 22.04 ug/l
RT: 12.21 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:119	Resp:	318116	
Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.4	91.3
134	21.4	11.2	33.5

Instrument :
MSVOA_F
ClientSampleId :
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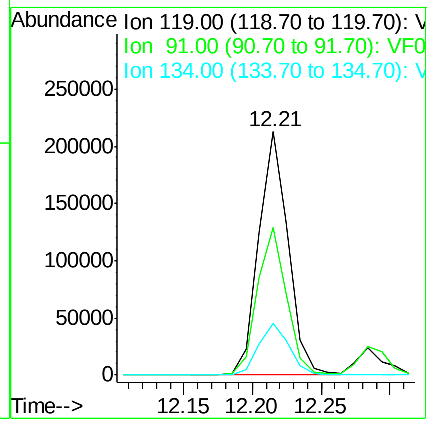
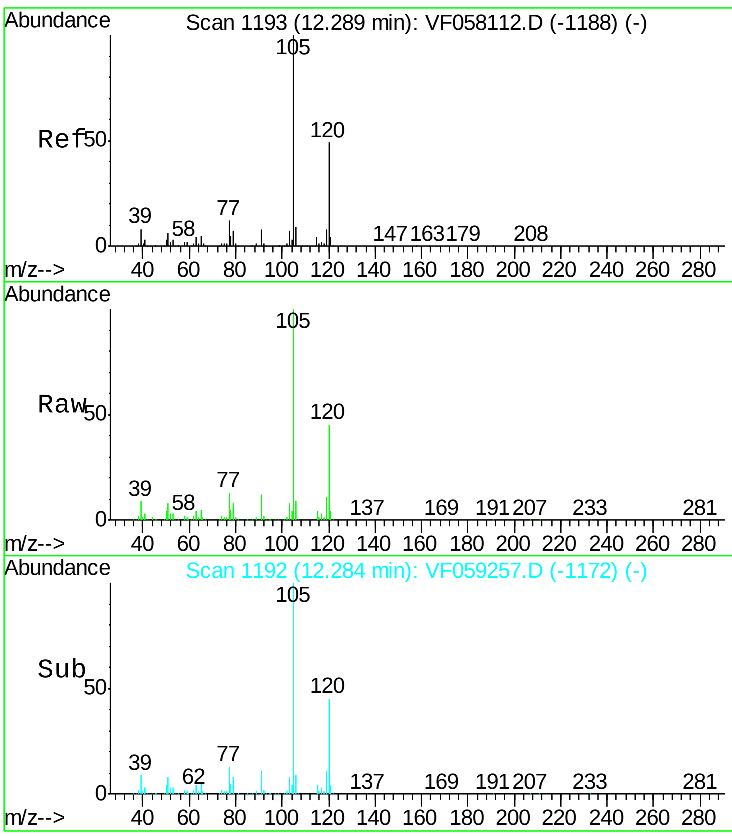
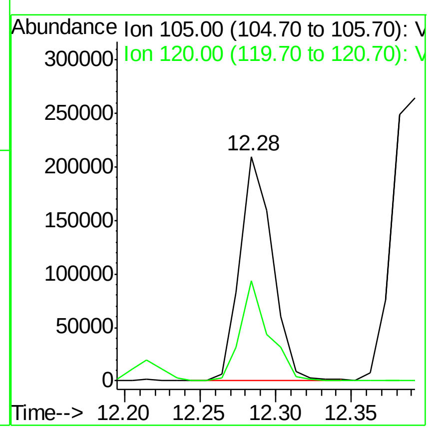
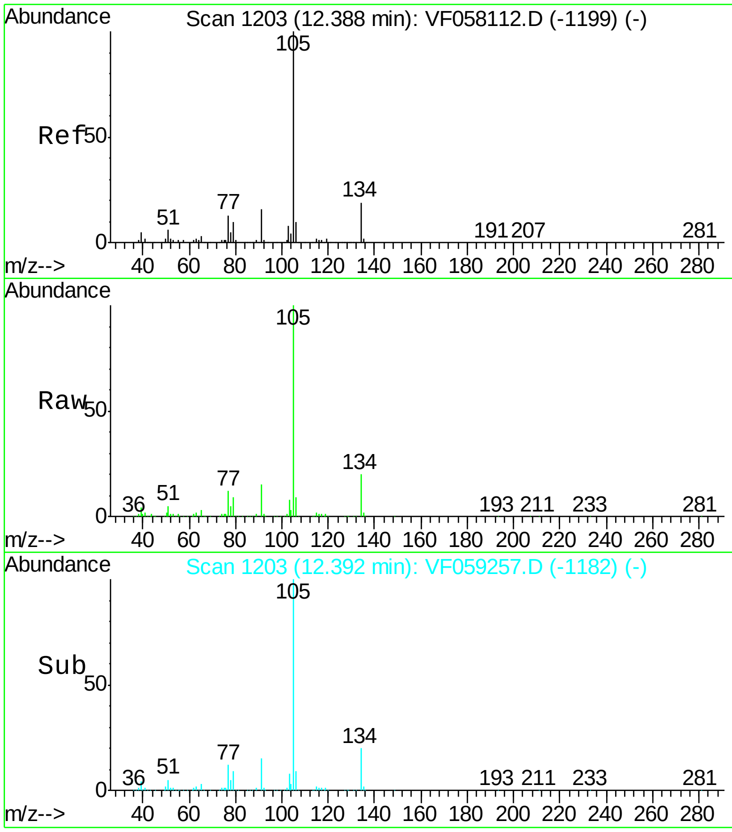




#84
1,2,4-Trimethylbenzene
Concen: 20.92 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:105	Resp:	315083	
Ion	Ratio	Lower	Upper
105	100		
120	44.8	24.7	74.1





#85
sec-Butylbenzene
Concen: 21.43 ug/l
RT: 12.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:105 Resp: 420176

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.6	28.6

Instrument :
MSVOA_F
ClientSampleId :
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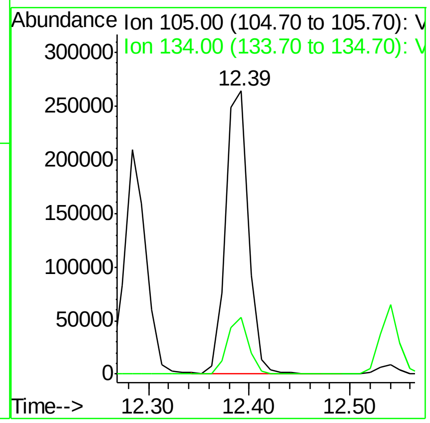
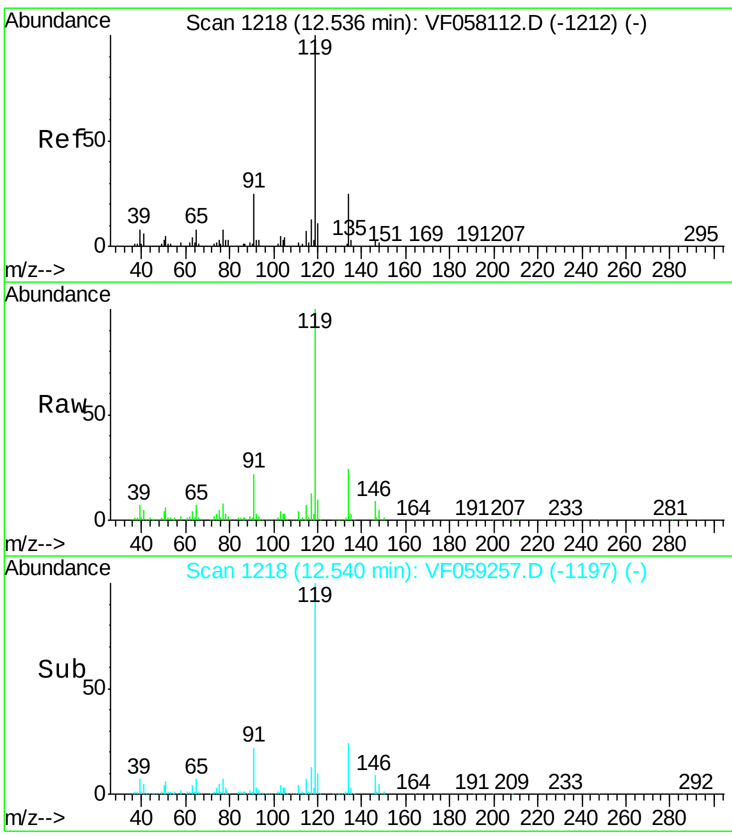
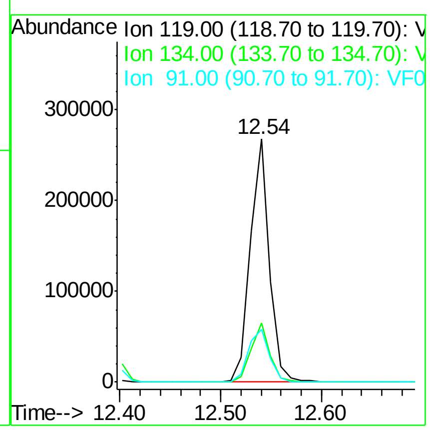


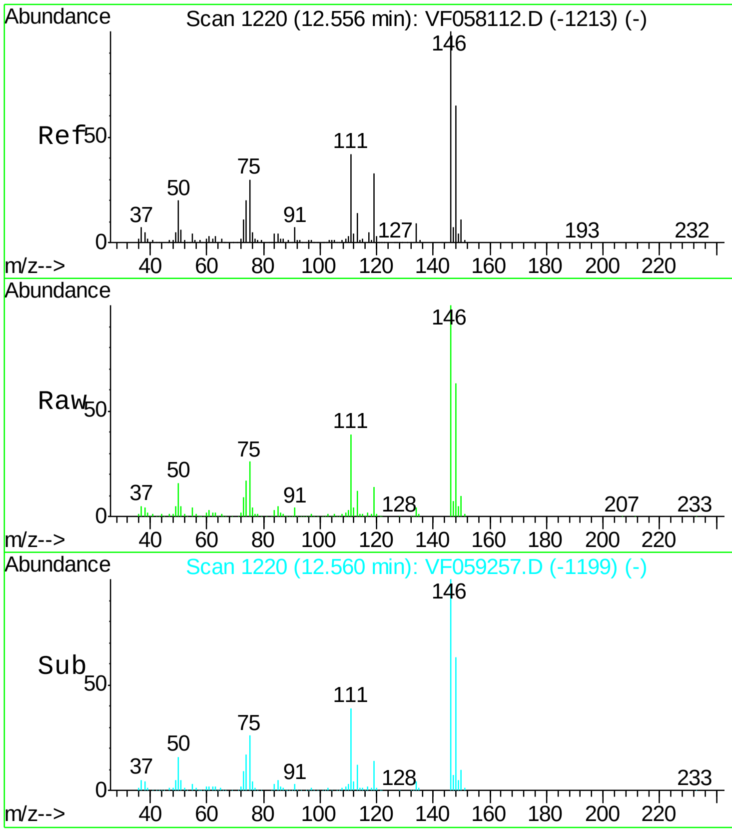


#86
p-Isopropyltoluene
Concen: 22.07 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:119 Resp: 355560

Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.7	38.0
91	21.8	12.6	37.6





#87
1,3-Dichlorobenzene
Concen: 22.49 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

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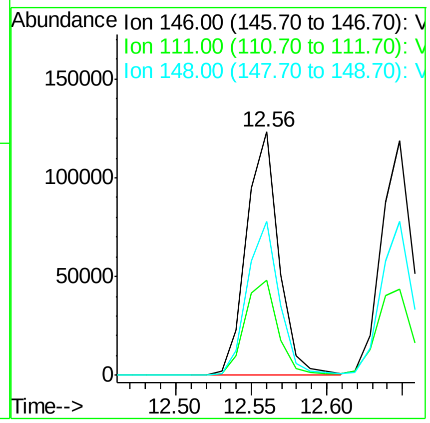
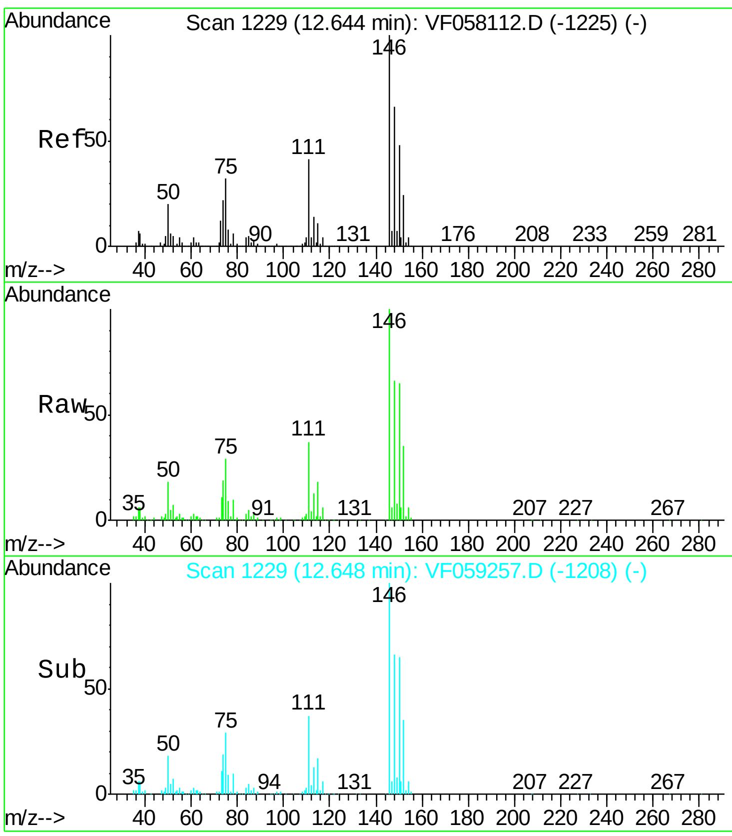
Tgt Ion:146 Resp: 183495

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.8	62.5
148	63.5	32.3	96.9

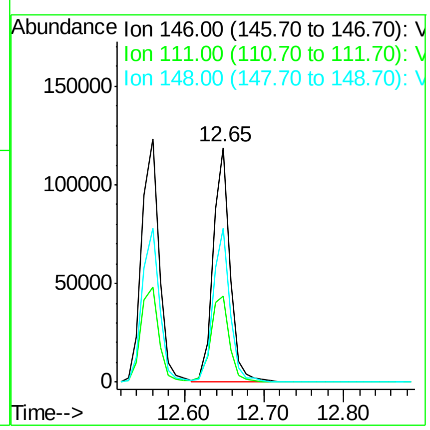


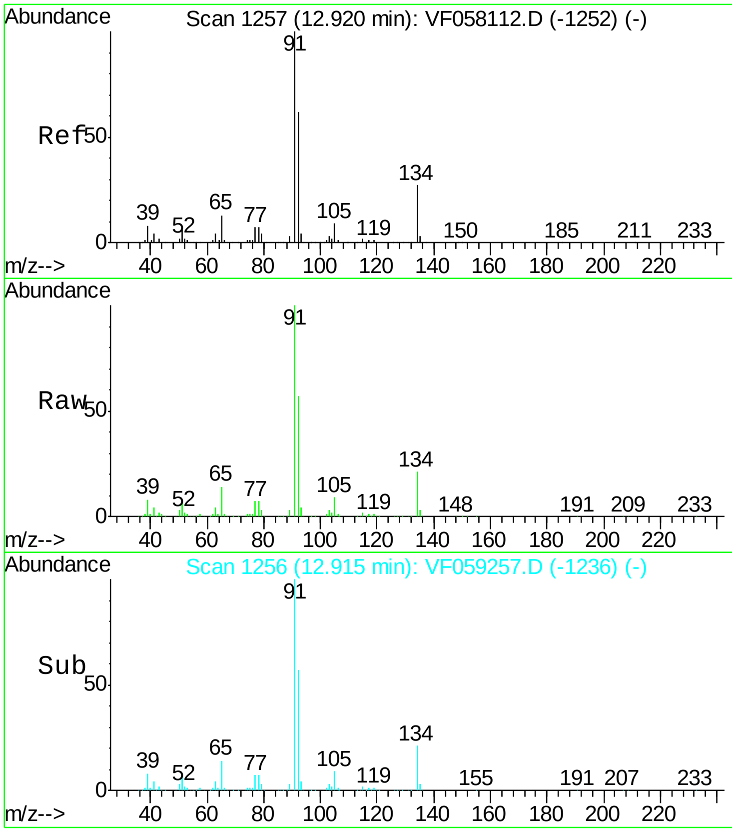


#88
1,4-Dichlorobenzene
Concen: 22.59 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:146 Resp: 177598

Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.4	61.2
148	65.7	33.0	99.0





#89
n-Butylbenzene
Concen: 20.06 ug/l
RT: 12.91 min   Scan# 1256
Delta R.T.   -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion: 91 Resp: 367644

Ion	Ratio	Lower	Upper
91	100		
92	56.8	31.1	93.5
134	20.8	13.6	40.8

Instrument :
MSVOA_F
ClientSampleId :
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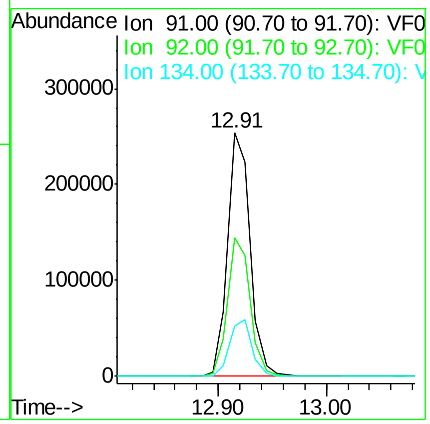
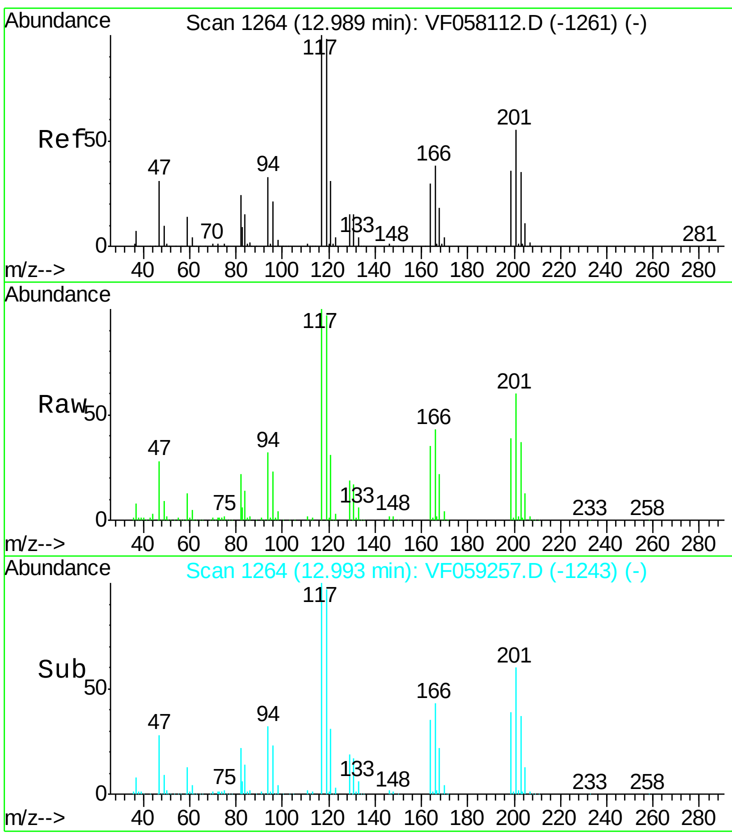
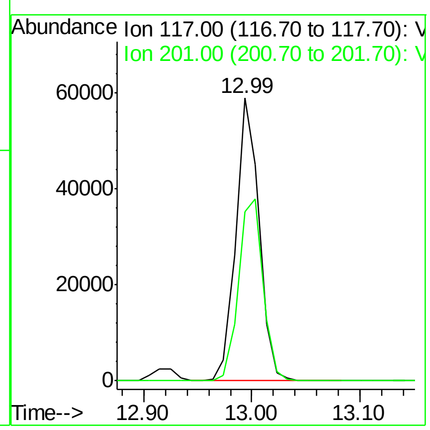


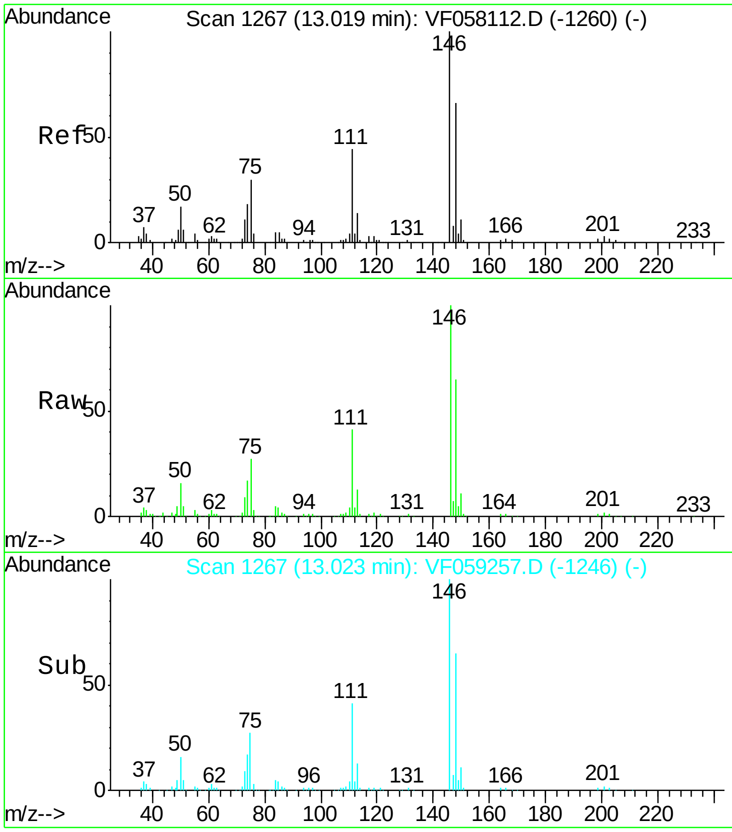


#90
Hexachloroethane
Concen: 22.37 ug/l
RT: 12.99 min   Scan# 1264
Delta R.T.   0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018   11:07

Tgt Ion:117 Resp: 88741

Ion	Ratio	Lower	Upper
117	100		
201	59.8	27.5	82.4





#91
1,2-Dichlorobenzene
Concen: 22.18 ug/l
RT: 13.02 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument : MSVOA_F
ClientSampleId : VF0620SBS02

Tgt Ion:146 Resp: 174339

Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.0	66.0
148	65.0	33.1	99.3

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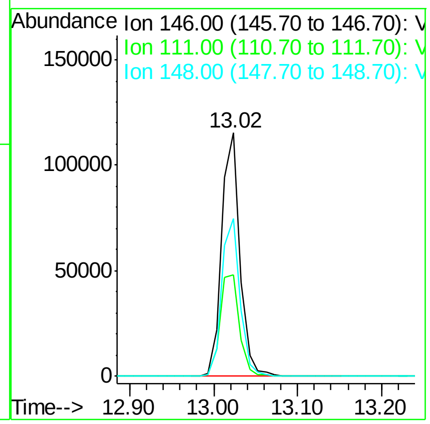
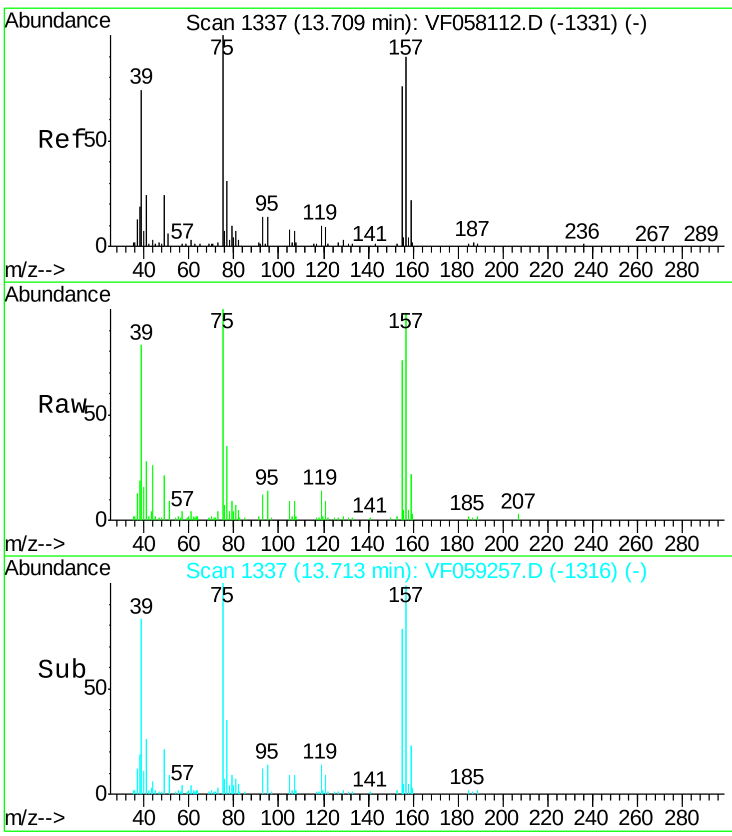
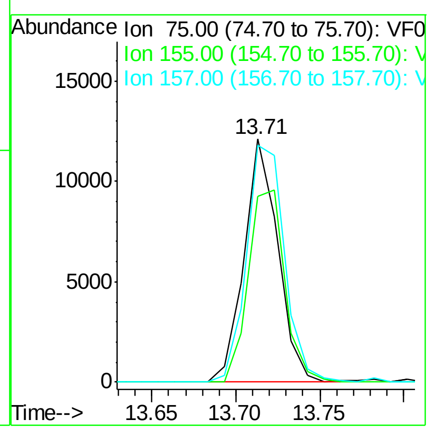


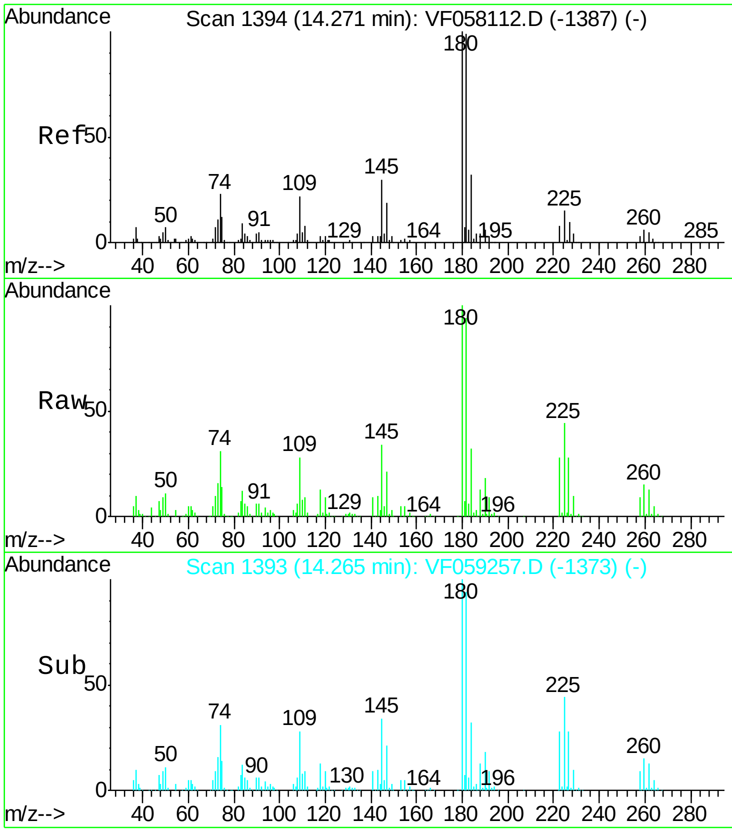


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.68 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion: 75 Resp: 16892

Ion	Ratio	Lower	Upper
75	100		
155	76.4	38.0	114.0
157	97.6	45.1	135.5






```
#93
1,2,4-Trichlorobenzene
Concen:   23.21 ug/l
RT: 14.27 min  Scan# 1393
Delta R.T.   -0.01 min
Lab File:   VF059257.D
Acq: 21 Jun 2018  11:07

Tgt Ion:180 Resp:  127614
Ion  Ratio  Lower  Upper
180  100
182   94.0   49.3  147.9
145   33.9   14.9   44.9
```

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

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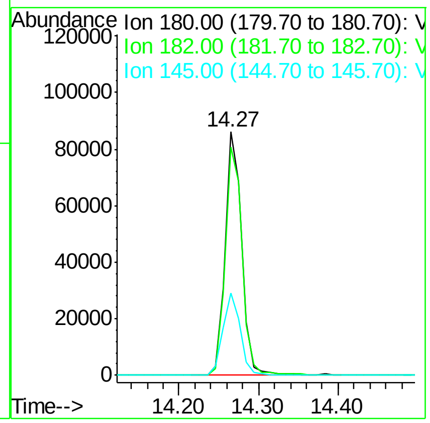
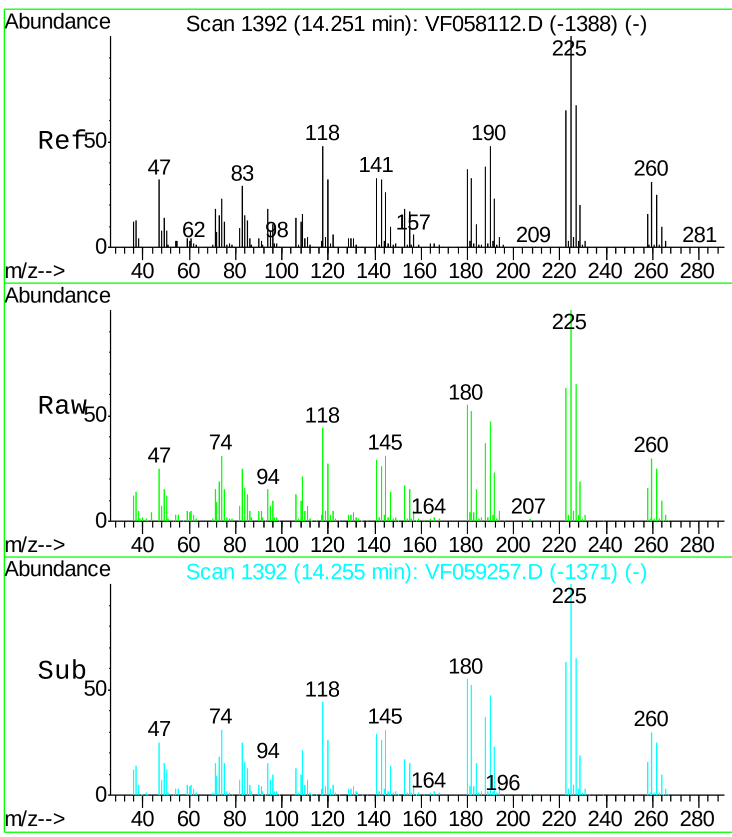
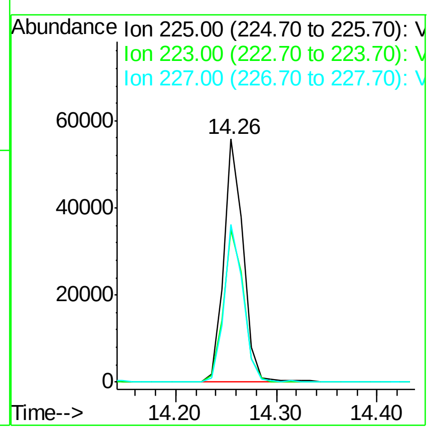
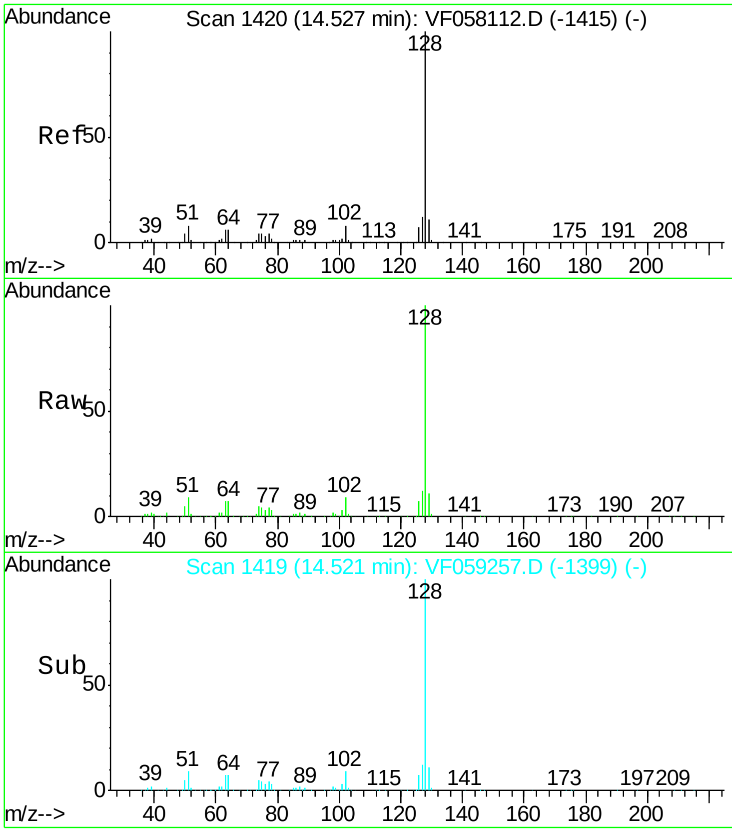





```
#94
Hexachlorobutadiene
Concen:   23.75 ug/l
RT: 14.26 min  Scan# 1392
Delta R.T.    0.00 min
Lab File:   VF059257.D
Acq: 21 Jun 2018  11:07

Tgt Ion:225 Resp:   75550
Ion  Ratio  Lower  Upper
225  100
223   63.0   32.8   98.3
227   64.6   33.3   99.9
```





#95
Naphthalene
Concen: 21.12 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBS02

Tgt Ion:128 Resp: 247996

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.7	8.7	13.1

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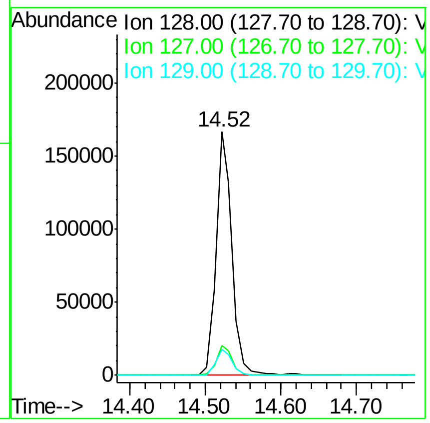

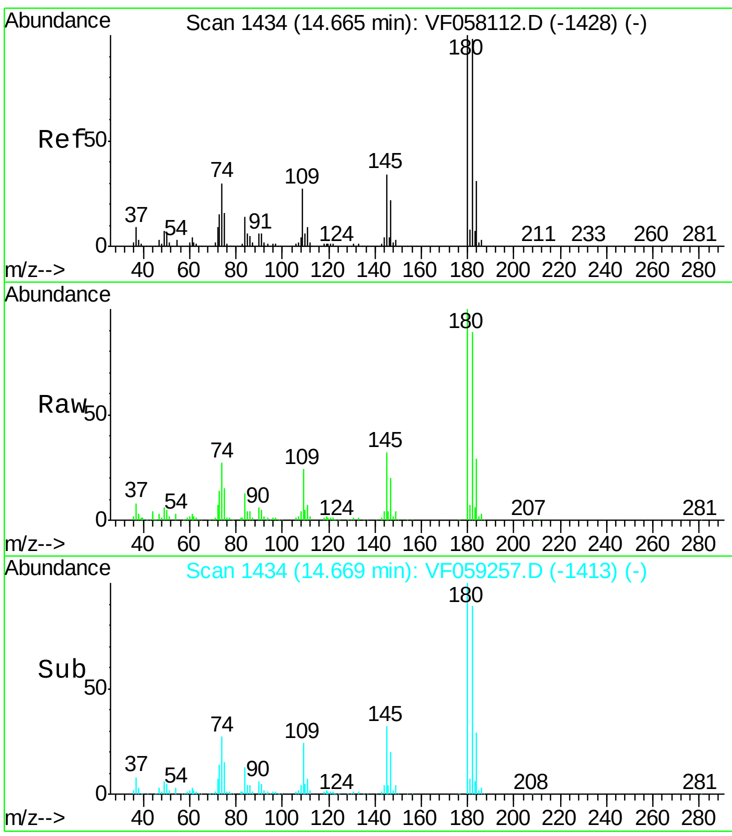

#96
1,2,3-Trichlorobenzene
Concen: 23.56 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VF059257.D
Acq: 21 Jun 2018 11:07

Tgt Ion:180 Resp: 119684

Ion	Ratio	Lower	Upper
180	100		
182	89.5	48.9	146.6
145	31.7	17.3	51.7