Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060072.D
Acq On : 24 Aug 2018 1:26
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/24/2018 4:08:53 PM

Quant Time: Aug 24 01:47:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	164112	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	261827	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.92	117	282335	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	172954	50.00 ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	128818	57.35 ug/l	0.00
Spiked Amount 50.000			Recovery =	114.70%	
35) Dibromofluoromethane	4.29	113	116842	56.83 ug/l	0.00
Spiked Amount 50.000			Recovery =	113.66%	
50) Toluene-d8	7.71	98	310723	53.21 ug/l	0.00
Spiked Amount 50.000			Recovery =	106.42%	
62) 4-Bromofluorobenzene	11.52	95	175364	56.77 ug/l	0.00
Spiked Amount 50.000			Recovery =	113.54%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	104221	48.24 ug/l	97
3) Chloromethane	1.07	50	71313	50.92 ug/l	99
4) Vinyl Chloride	1.12	62	59288	44.20 ug/l	90
5) Bromomethane	1.31	94	42971	42.15 ug/l	98
6) Chloroethane	1.39	64	29279	55.37 ug/l	97
7) Trichlorofluoromethane	1.48	101	164822	61.10 ug/l	94
8) Diethyl Ether	1.70	74	23166	48.03 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.87	101	76343	53.91 ug/l	98
10) Methyl Iodide	1.92	142	83607	44.66 ug/l	94
11) Tert butyl alcohol	2.67	59	29414	246.16 ug/l #	82
12) 1,1-Dichloroethene	1.83	96	53897	51.66 ug/l	94
13) Acrolein	2.09	56	20861	282.00 ug/l #	79
14) Allyl chloride	2.19	41	85030	45.89 ug/l	90
15) Acrylonitrile	3.07	53	51481	218.32 ug/l	98
16) Acetone	2.34	43	123006	208.37 ug/l	98
17) Carbon Disulfide	1.84	76	141419	43.30 ug/l	96
18) Methyl Acetate	2.45	43	49994	49.54 ug/l	99
19) Methyl tert-butyl Ether	2.54	73	166725	49.88 ug/l	96
20) Methylene Chloride	2.28	84	55756	47.73 ug/l	96
21) trans-1,2-Dichloroethene	2.42	96	51998	44.55 ug/l	99
22) Diisopropyl ether	2.92	45	187859	45.28 ug/l	96
23) Vinyl Acetate	3.33	43	583665	265.56 ug/l	100
24) 1,1-Dichloroethane	3.00	63	126434	49.33 ug/l	99
25) 2-Butanone	4.51	43	184722	240.91 ug/l	95
26) 2,2-Dichloropropane	3.76	77	121900	45.97 ug/l	90
27) cis-1,2-Dichloroethene	3.64	96	82317	49.76 ug/l	97
28) Bromochloromethane	3.90	49	60295	55.72 ug/l	85
29) Tetrahydrofuran	4.25	42	72166	249.28 ug/l	98
30) Chloroform	4.03	83	197675	54.95 ug/l	99
31) Cyclohexane	3.86	56	95814	49.06 ug/l	94
32) 1,1,1-Trichloroethane	4.27	97	172409	55.96 ug/l	98
36) 1,1-Dichloropropene	4.46	75	115810	47.07 ug/l	97
37) Ethyl Acetate	4.29	43	71226	48.40 ug/l	88
38) Carbon Tetrachloride	4.17	117	148055	51.96 ug/l	98

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
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8/24/2018 4:08:53 PM

Quant Time: Aug 24 01:47:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	104245	45.19	ug/l	88
40) Benzene	4.81	78	260555	48.48	ug/l	99
41) Methacrylonitrile	4.92	41	34828	46.79	ug/l	95
42) 1,2-Dichloroethane	5.12	62	145837	50.60	ug/l	100
43) Isopropyl Acetate	7.11	43	88314	47.68	ug/l	100
44) Trichloroethene	5.68	130	89274	50.24	ug/l	99
45) 1,2-Dichloropropane	6.40	63	78610	51.70	ug/l #	88
46) Dibromomethane	6.25	93	62334	52.40	ug/l	95
47) Bromodichloromethane	6.55	83	154650	53.82	ug/l	95
48) Methyl methacrylate	6.87	41	58343	47.61	ug/l	93
49) 1,4-Dioxane	6.86	88	12408	1054.65	ug/l	87
51) 4-Methyl-2-Pentanone	8.40	43	437545	273.57	ug/l	99
52) Toluene	7.78	92	203568	59.84	ug/l	94
53) t-1,3-Dichloropropene	8.43	75	131086	50.31	ug/l	98
54) cis-1,3-Dichloropropene	7.45	75	147809	50.82	ug/l	99
55) 1,1,2-Trichloroethane	8.64	97	83271	57.42	ug/l	97
56) Ethyl methacrylate	8.77	69	93966	53.53	ug/l	90
57) 1,3-Dichloropropane	9.00	76	135794	53.27	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.78	63	36571	262.46	ug/l	100
59) 2-Hexanone	9.63	43	342461	264.56	ug/l	96
60) Dibromochloromethane	8.86	129	112580	52.59	ug/l	99
61) 1,2-Dibromoethane	9.14	107	90517	53.14	ug/l	99
64) Tetrachloroethene	8.30	164	91405	48.06	ug/l	98
65) Chlorobenzene	9.94	112	263424	49.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	101503	50.20	ug/l	95
67) Ethyl Benzene	10.04	91	463690	50.41	ug/l	99
68) m/p-Xylenes	10.27	106	333544	112.31	ug/l	100
69) o-Xylene	10.83	106	181456	50.35	ug/l	94
70) Styrene	10.90	104	294276	53.22	ug/l	98
71) Bromoform	10.89	173	77064	54.62	ug/l	92
73) Isopropylbenzene	11.23	105	535376	51.43	ug/l	100
74) N-amyl acetate	11.47	43	169556	52.40	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.79	83	125134	55.04	ug/l	95
76) 1,2,3-Trichloropropane	11.89	75	92235	52.31	ug/l	100
77) Bromobenzene	11.59	156	134506	47.51	ug/l	92
78) n-propylbenzene	11.69	91	663263	51.62	ug/l	99
79) 2-Chlorotoluene	11.81	91	384217	50.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	446376	49.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.96	75	38479m	47.70	ug/l	
82) 4-Chlorotoluene	11.99	91	419830	51.18	ug/l	97
83) tert-Butylbenzene	12.22	119	443689	50.15	ug/l	93
84) 1,2,4-Trimethylbenzene	12.29	105	484200	50.21	ug/l	98
85) sec-Butylbenzene	12.39	105	611460	49.65	ug/l	98
86) p-Isopropyltoluene	12.54	119	505889	49.51	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	263500	50.33	ug/l	95
88) 1,4-Dichlorobenzene	12.65	146	267894	51.49	ug/l	96
89) n-Butylbenzene	12.93	91	541700	54.57	ug/l	99
90) Hexachloroethane	12.99	117	121435	52.89	ug/l	81
91) 1,2-Dichlorobenzene	13.02	146	257703	51.19	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	25659	55.23	ug/l	89

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Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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8/24/2018 4:08:53 PM

Quant Time: Aug 24 01:47:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	189207	51.03 ug/l	96
94) Hexachlorobutadiene	14.26	225	116196	50.36 ug/l	97
95) Naphthalene	14.52	128	319124	49.63 ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	188780	53.37 ug/l	97

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

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Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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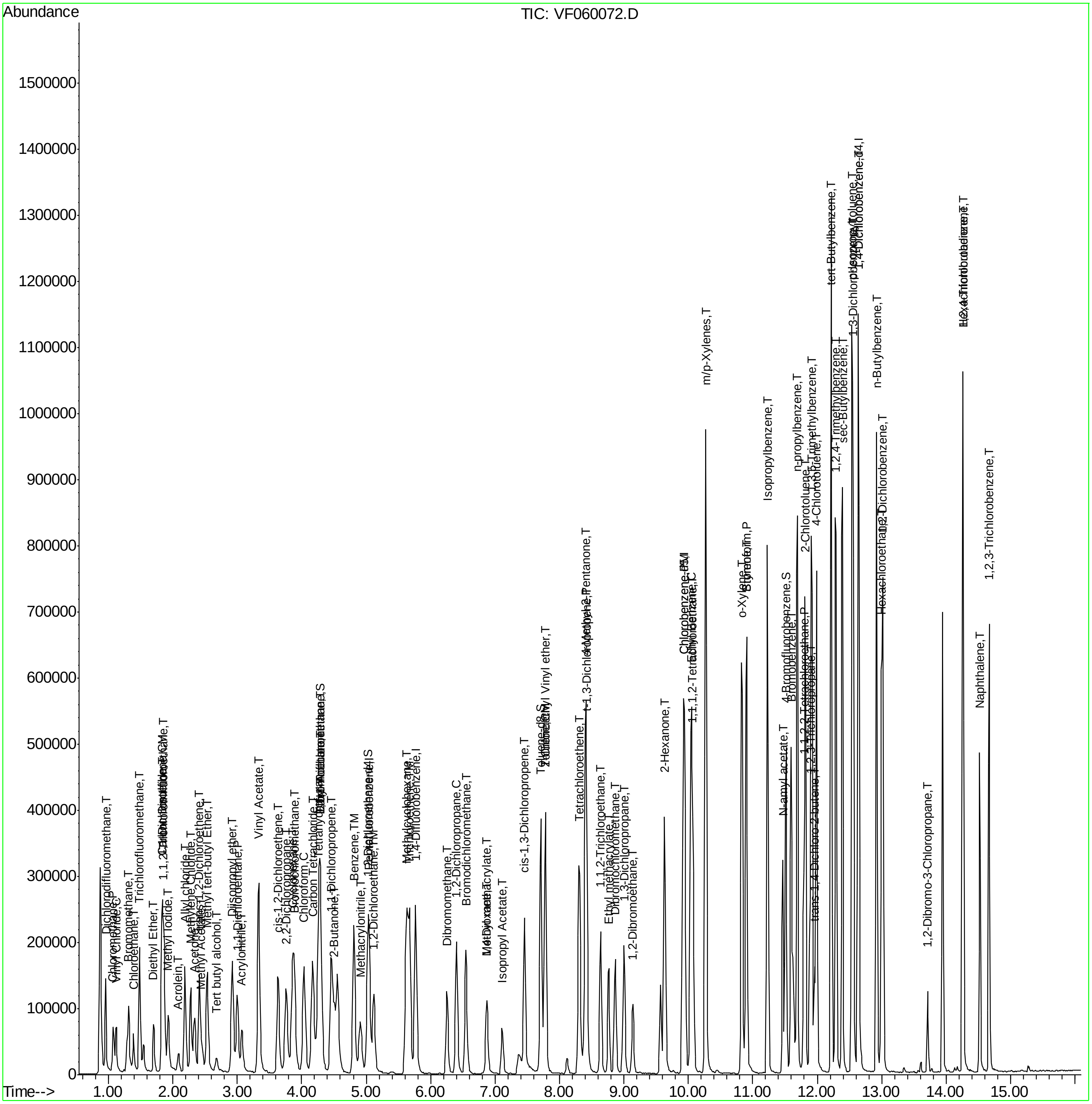

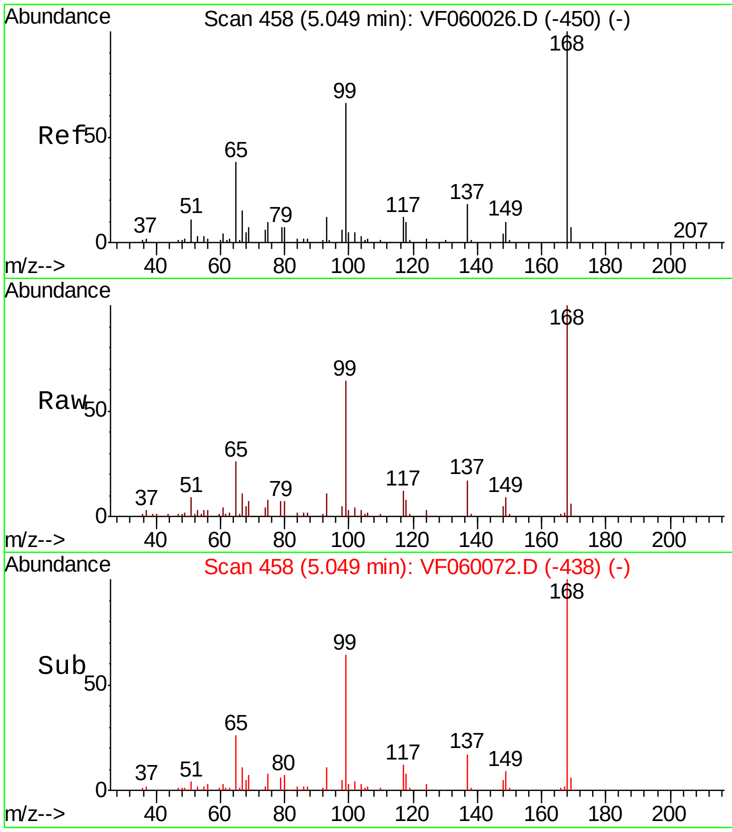

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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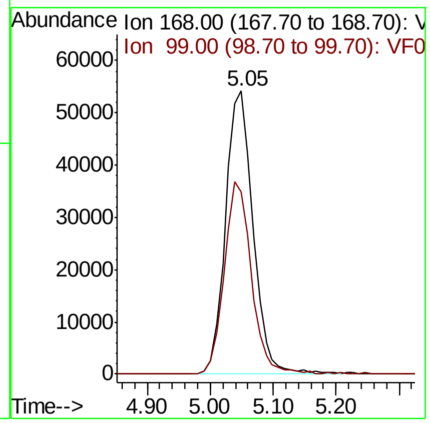
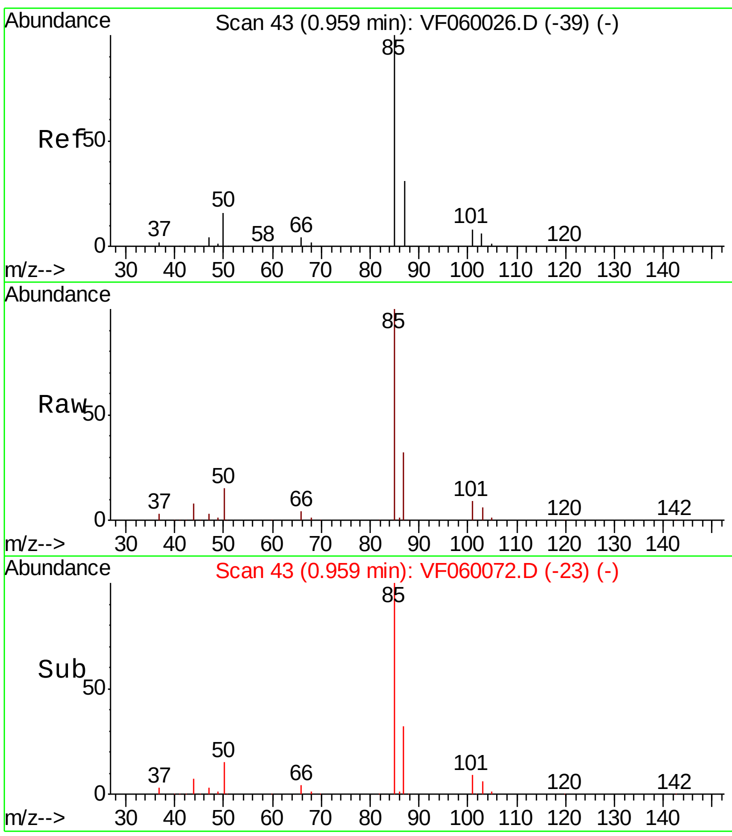
Tgt Ion:168 Resp: 164112

Ion	Ratio	Lower	Upper
168	100		
99	64.4	52.6	79.0

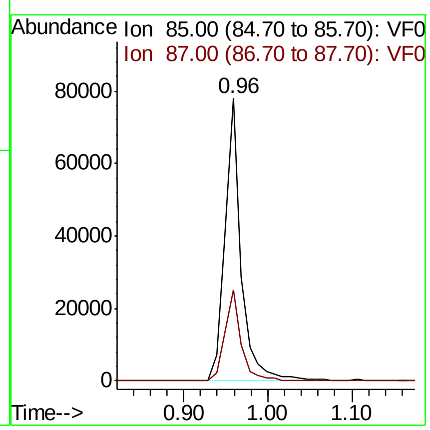


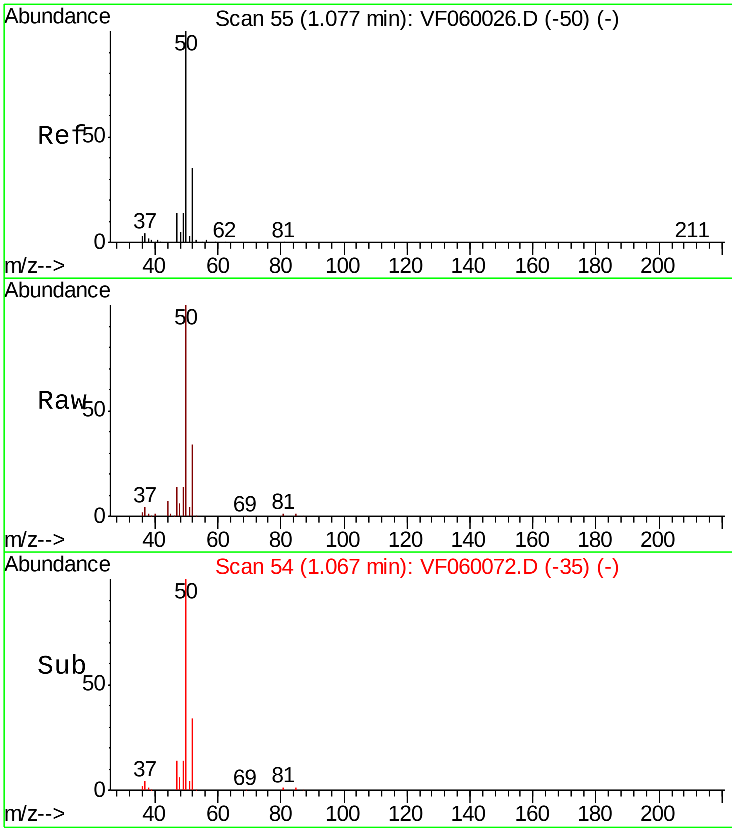


#2
Dichlorodifluoromethane
Concen: 48.24 ug/l
RT: 0.96 min Scan# 43
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 85 Resp: 104221

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.3	45.9





#3
Chloromethane
Concen: 50.92 ug/l
RT: 1.07 min   Scan# 54
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 50 Resp: 71313

Ion	Ratio	Lower	Upper
50	100		
52	34.1	27.6	41.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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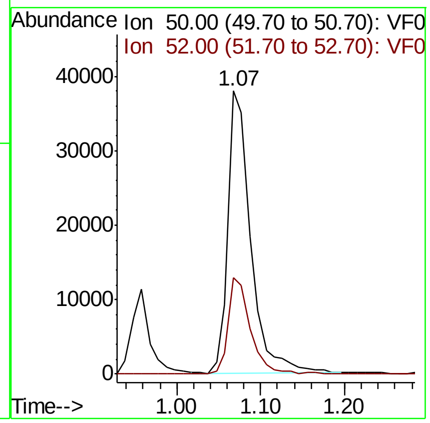
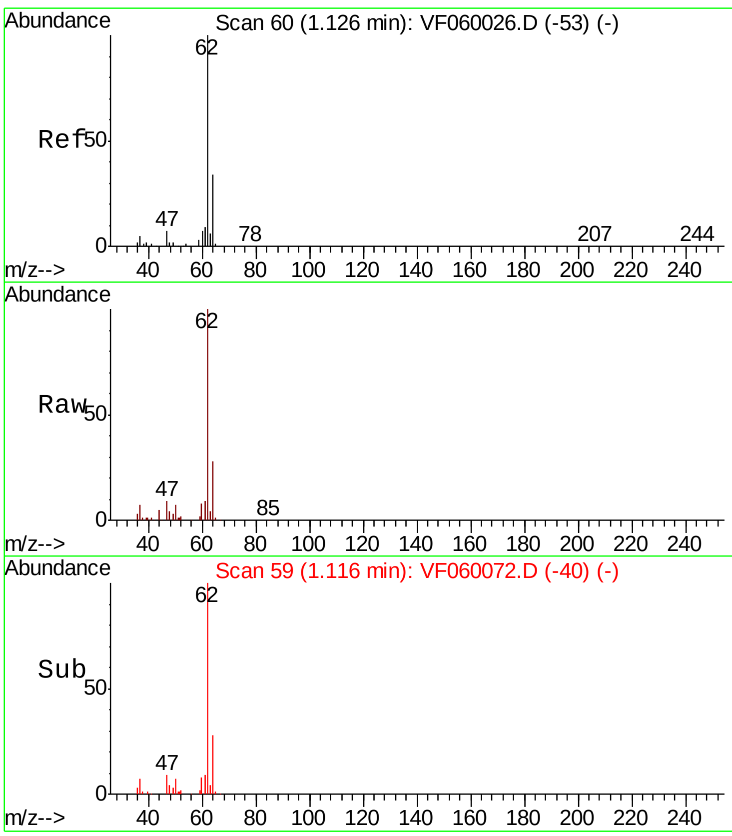
8/24/2018 4:08:53 PM

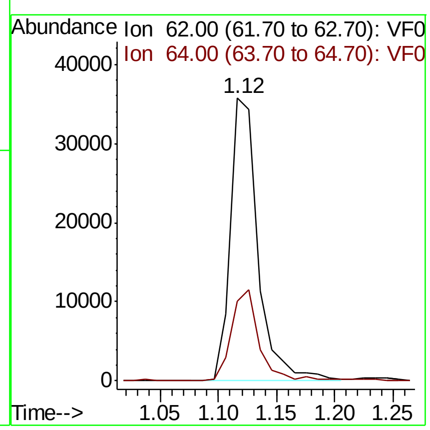


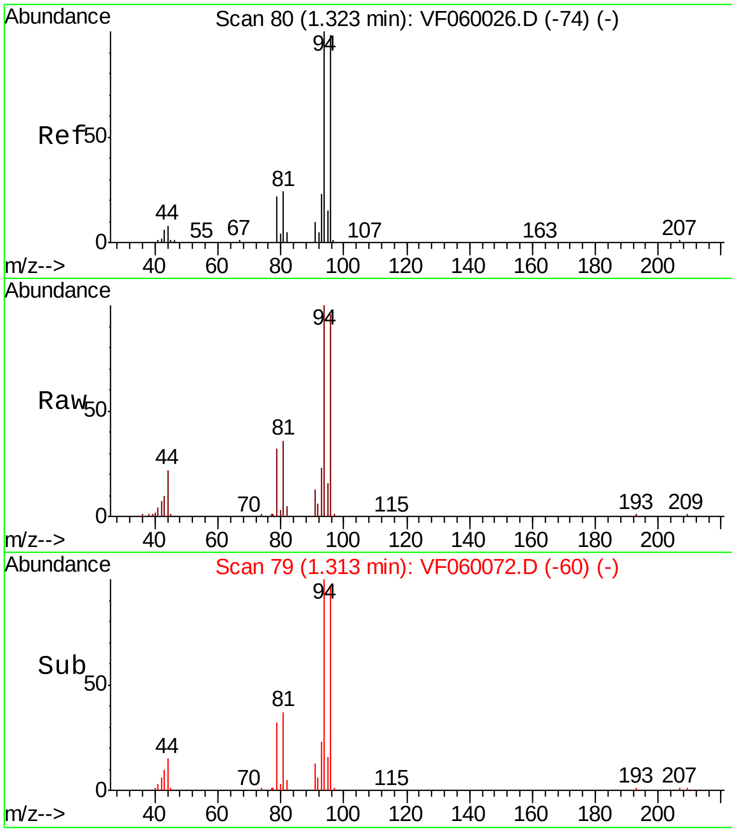


#4
Vinyl Chloride
Concen: 44.20 ug/l
RT: 1.12 min   Scan# 59
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 62 Resp: 59288

Ion	Ratio	Lower	Upper
62	100		
64	28.3	27.4	41.2





#5
Bromomethane
Concen: 42.15 ug/l
RT: 1.31 min   Scan# 79
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 94 Resp: 42971

Ion	Ratio	Lower	Upper
94	100		
96	96.2	78.6	118.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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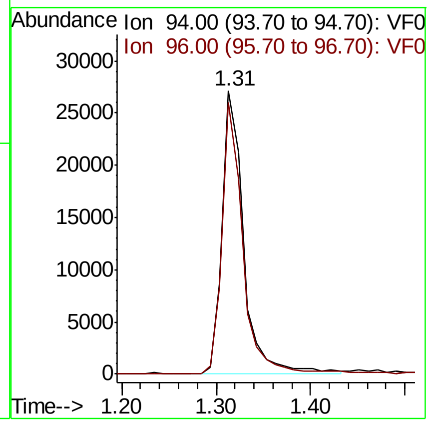
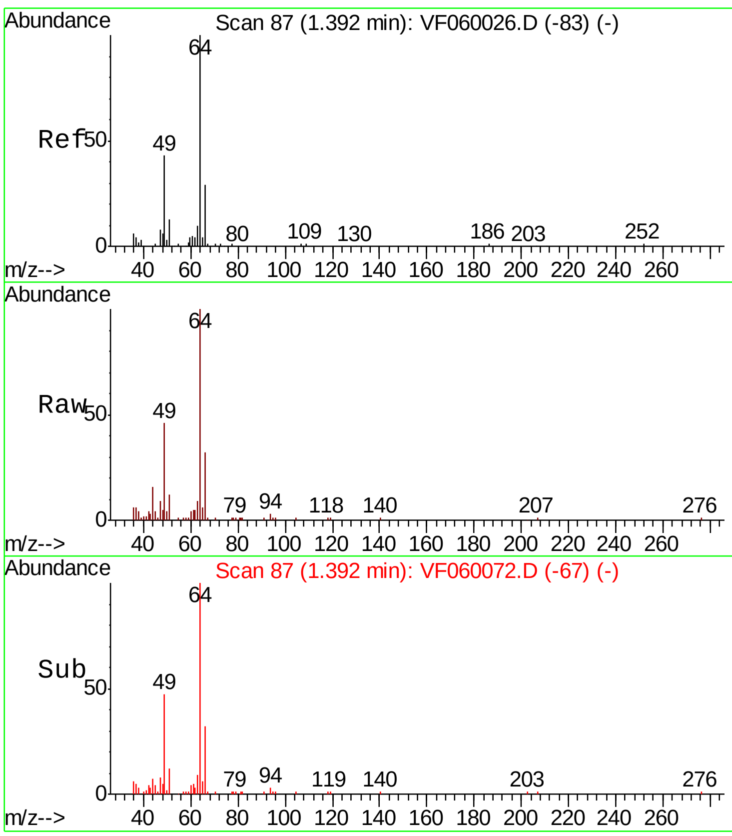
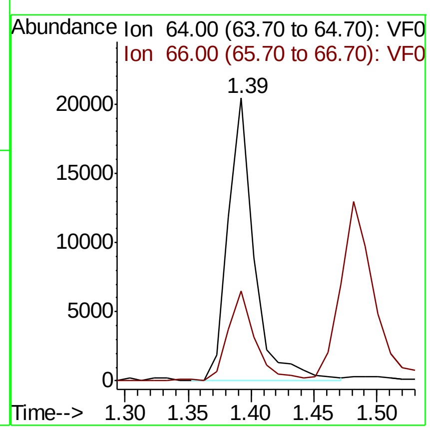


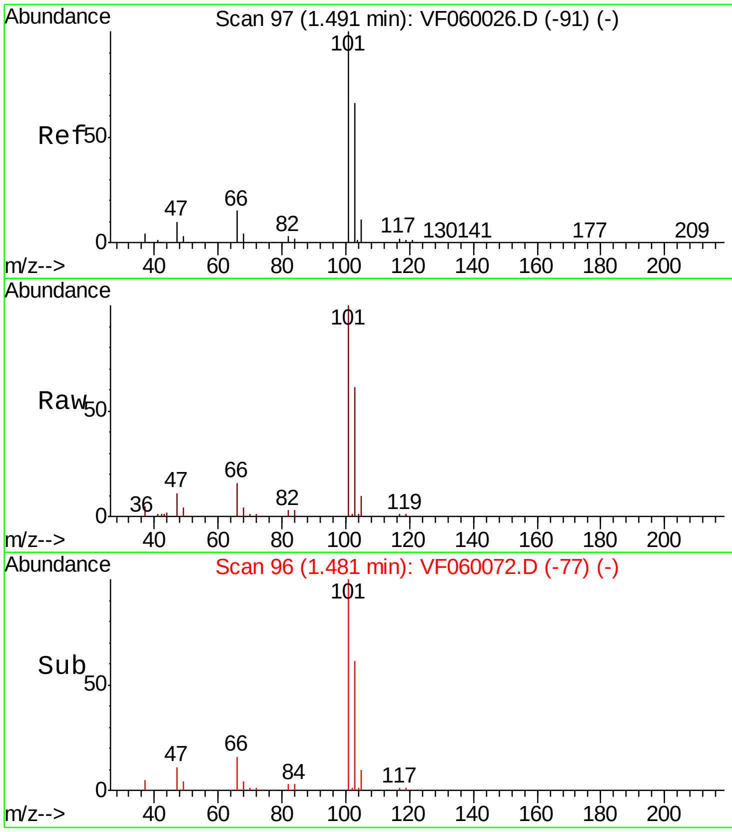


#6
Chloroethane
Concen: 55.37 ug/l
RT: 1.39 min   Scan# 87
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 64 Resp: 29279

Ion	Ratio	Lower	Upper
64	100		
66	31.9	24.1	36.1





#7
Trichlorofluoromethane
Concen: 61.10 ug/l
RT: 1.48 min Scan# 96
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:101 Resp: 164822

Ion	Ratio	Lower	Upper
101	100		
103	61.2	52.5	78.7

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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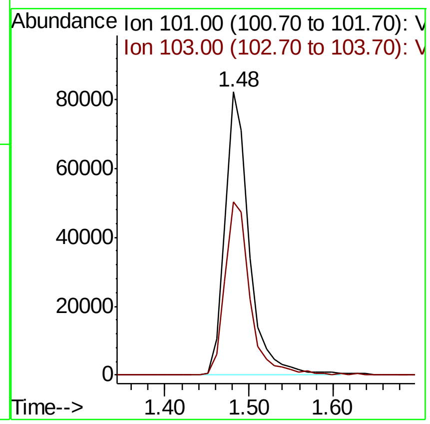
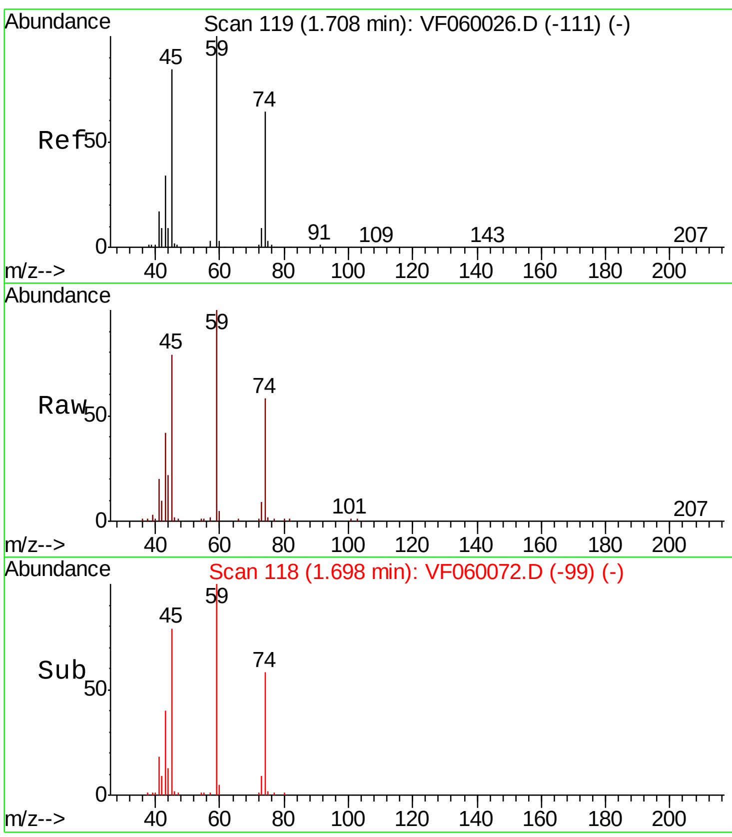
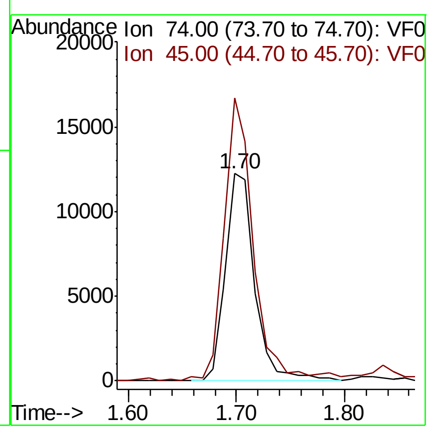


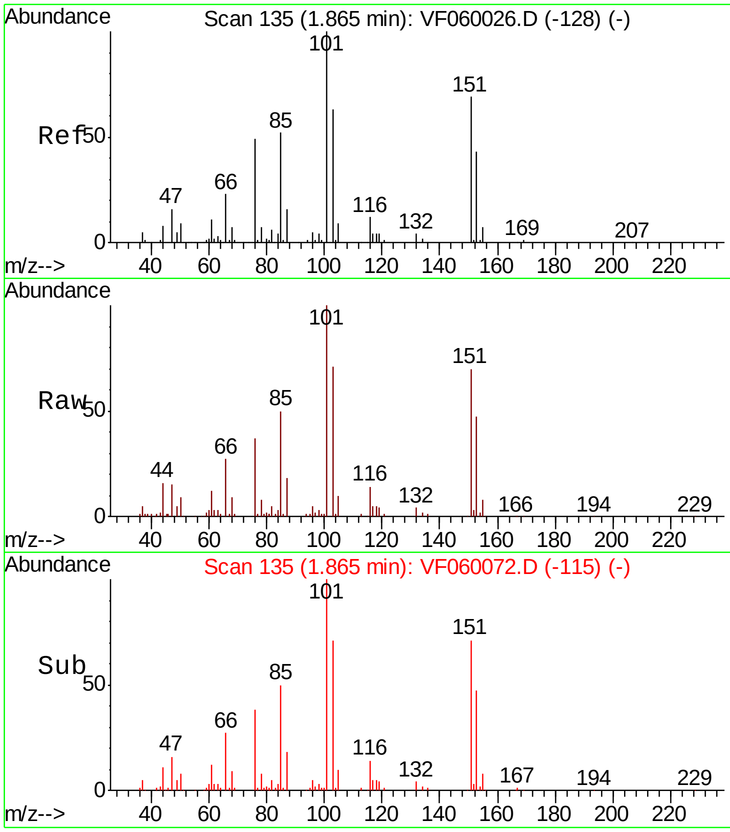


#8
Diethyl Ether
Concen: 48.03 ug/l
RT: 1.70 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 74 Resp: 23166

Ion	Ratio	Lower	Upper
74	100		
45	136.4	66.0	198.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.91 ug/l
RT: 1.87 min Scan# 135
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Tgt Ion:101 Resp: 76343

Ion	Ratio	Lower	Upper
101	100		
85	49.5	41.5	62.3
151	70.2	55.2	82.8

Manual Integrations APPROVED
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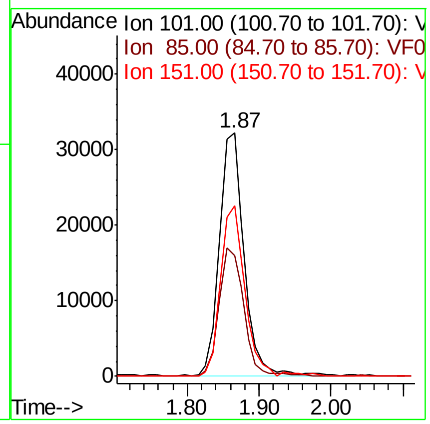
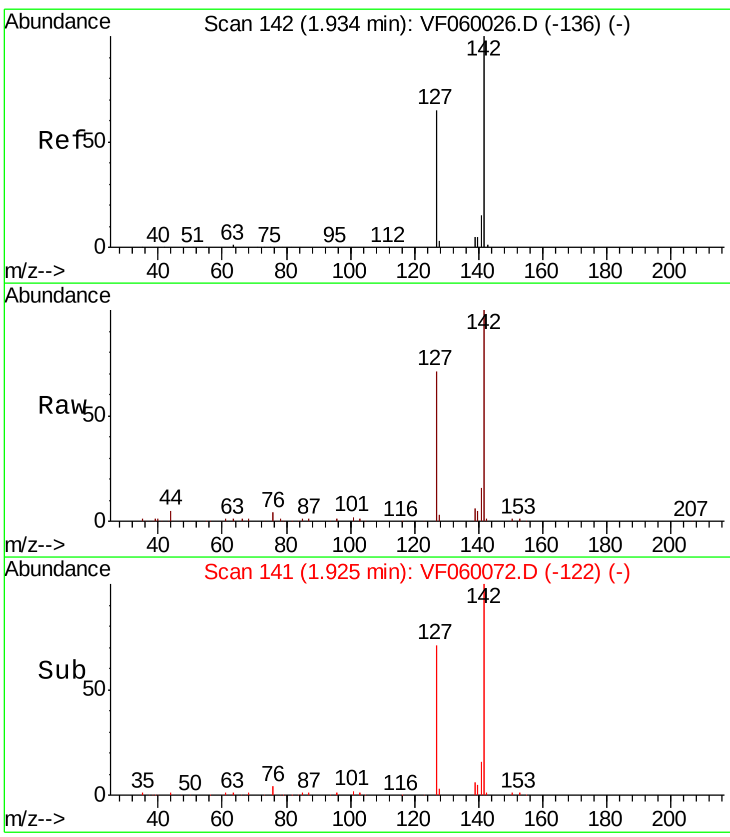
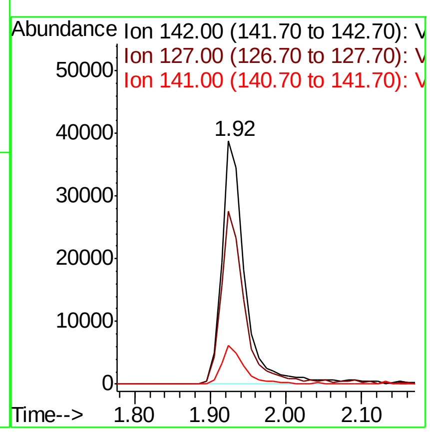


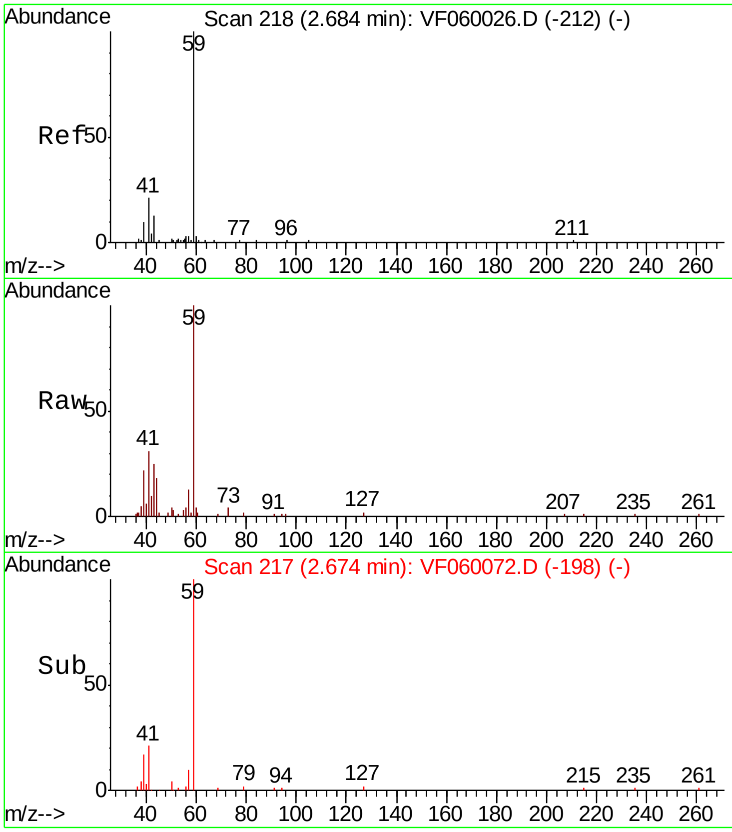


#10
Methyl Iodide
Concen: 44.66 ug/l
RT: 1.92 min Scan# 141
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:142 Resp: 83607

Ion	Ratio	Lower	Upper
142	100		
127	70.1	51.8	77.6
141	15.7	11.9	17.9





#11
Tert butyl alcohol
Concen: 246.16 ug/l
RT: 2.67 min   Scan# 217
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 59 Resp: 29414

Ion	Ratio	Lower	Upper
59	100		
57	12.9	5.4	8.2#

Instrument :
MSVOA_F
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Manual Integrations APPROVED
MMDadoda
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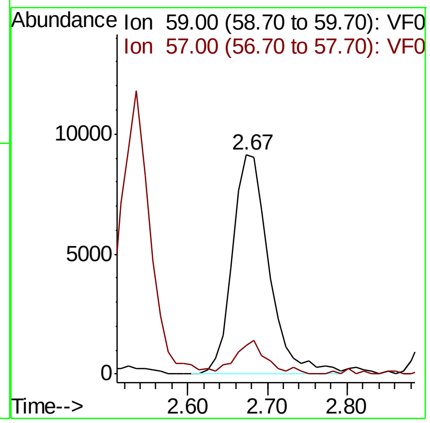
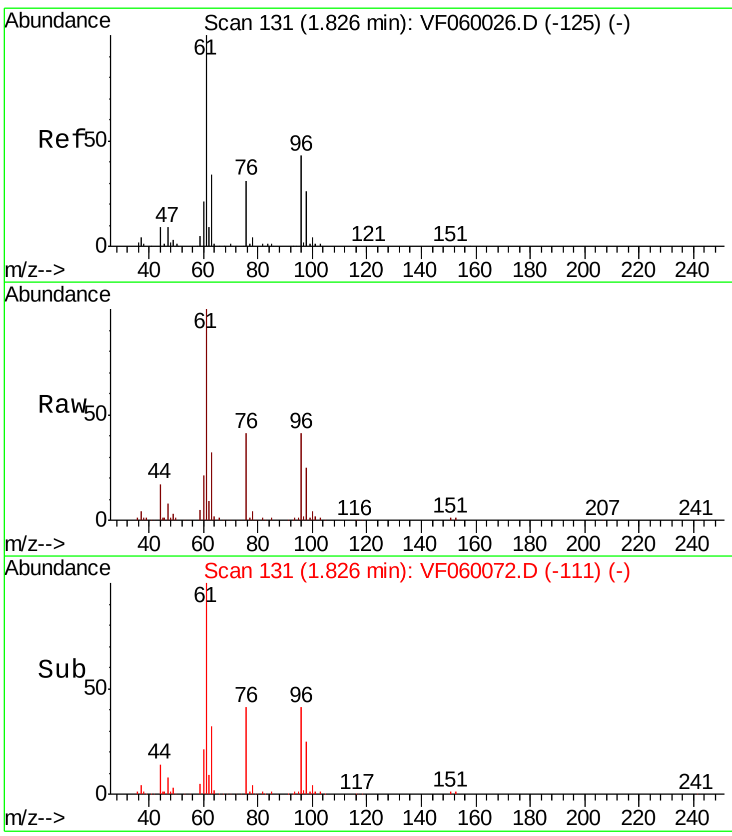
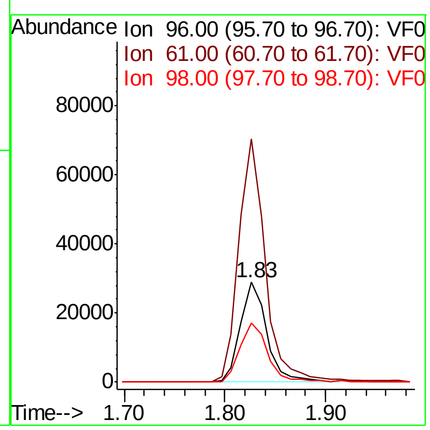




#12
1,1-Dichloroethene
Concen: 51.66 ug/l
RT: 1.83 min   Scan# 131
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 96 Resp: 53897

Ion	Ratio	Lower	Upper
96	100		
61	243.6	185.0	277.6
98	59.7	47.8	71.8



#13
Acrolein
Concen: 282.00 ug/l
RT: 2.09 min   Scan# 158
Delta R.T.   0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 56 Resp: 20861

Ion	Ratio	Lower	Upper
56	100		
55	63.1	65.6	98.4#

Instrument :
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ClientSampleId :
VSTDCCC050

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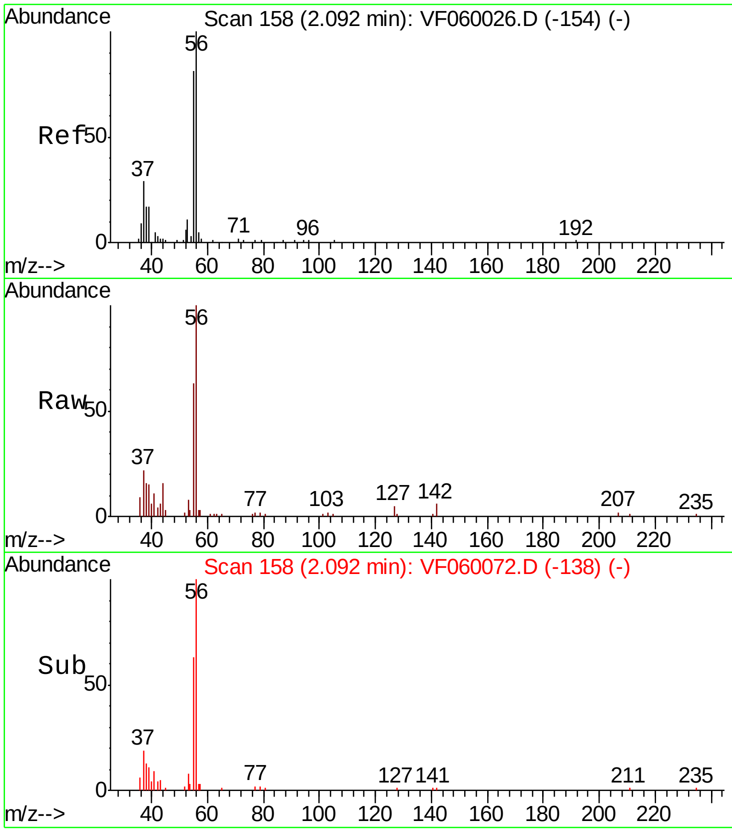
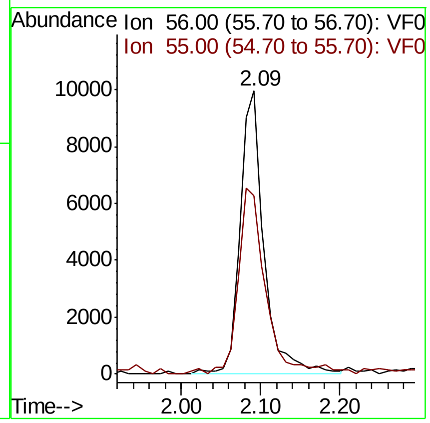
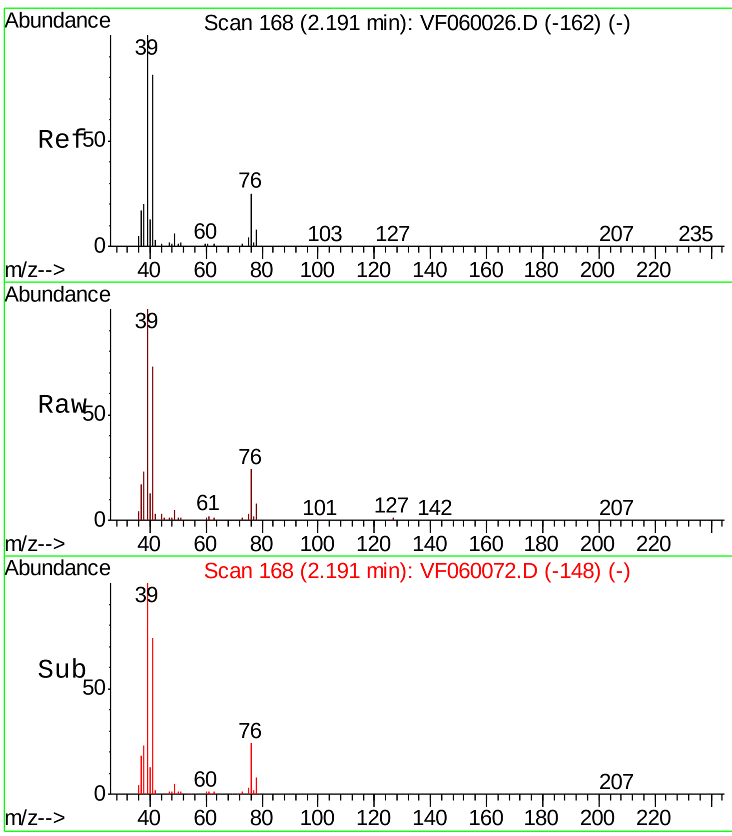


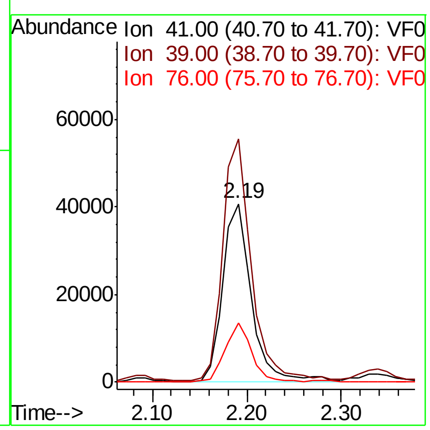


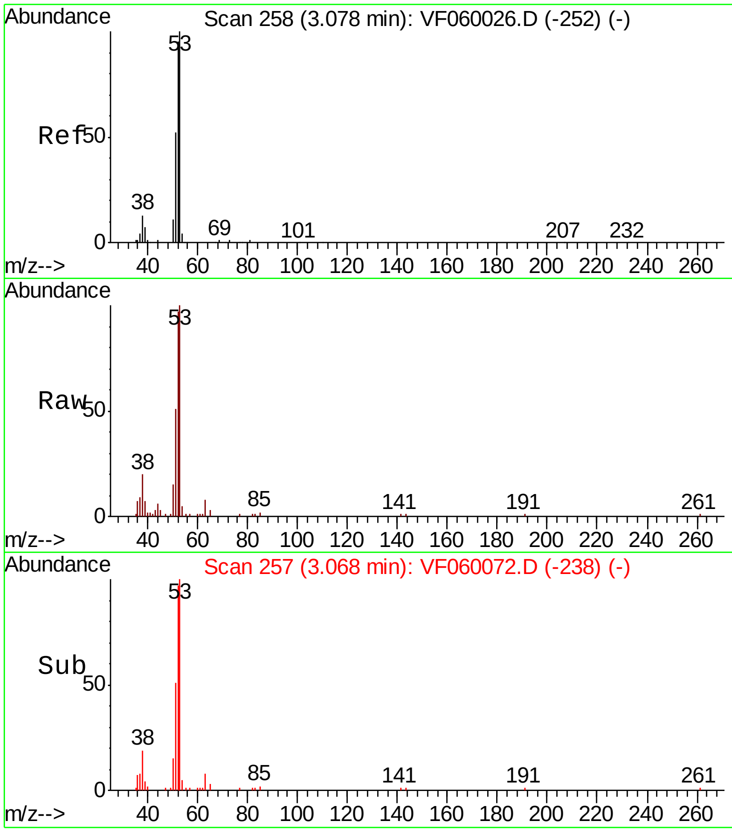
#14
Allyl chloride
Concen: 45.89 ug/l
RT: 2.19 min   Scan# 168
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 41 Resp: 85030

Ion	Ratio	Lower	Upper
41	100		
39	136.2	99.3	148.9
76	32.9	24.3	36.5







#15
Acrylonitrile
Concen: 218.32 ug/l
RT: 3.07 min   Scan# 257
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 53 Resp: 51481

Ion	Ratio	Lower	Upper
53	100		
52	97.2	75.8	113.8
51	51.1	42.1	63.1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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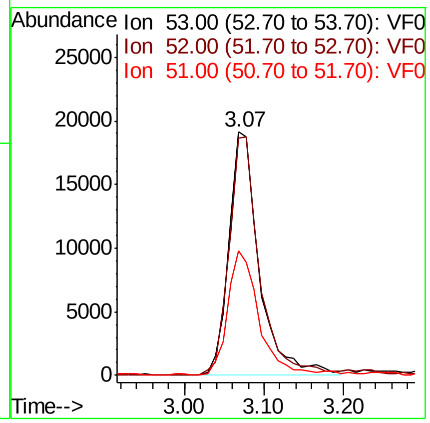
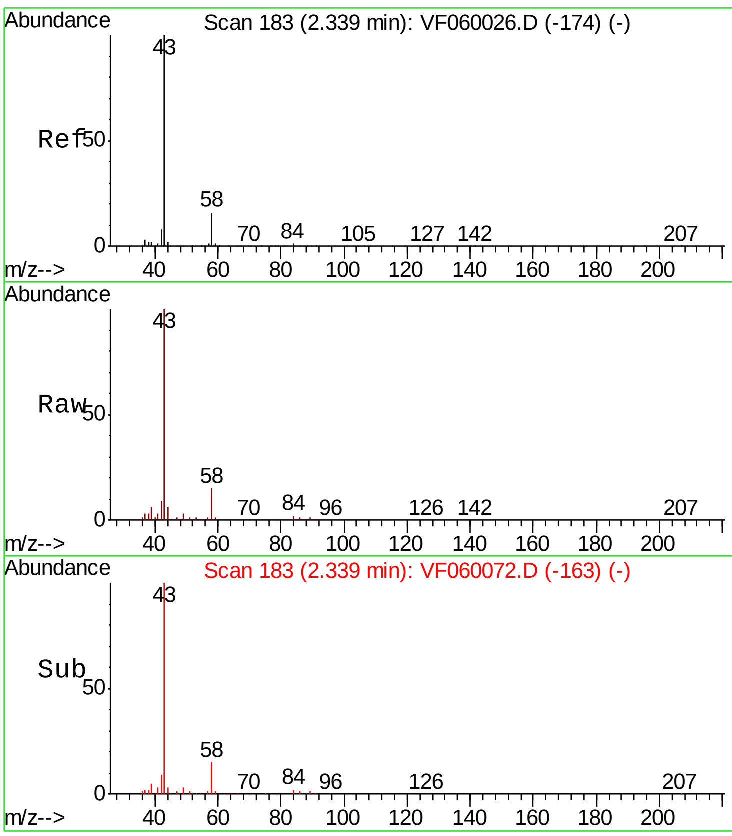
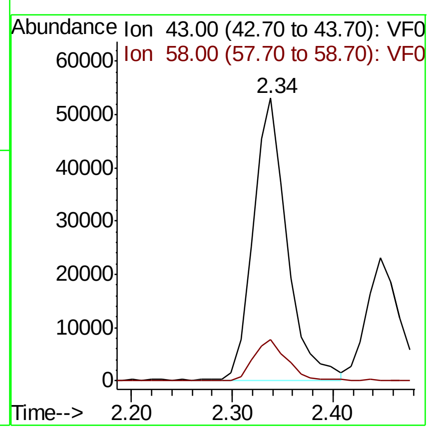


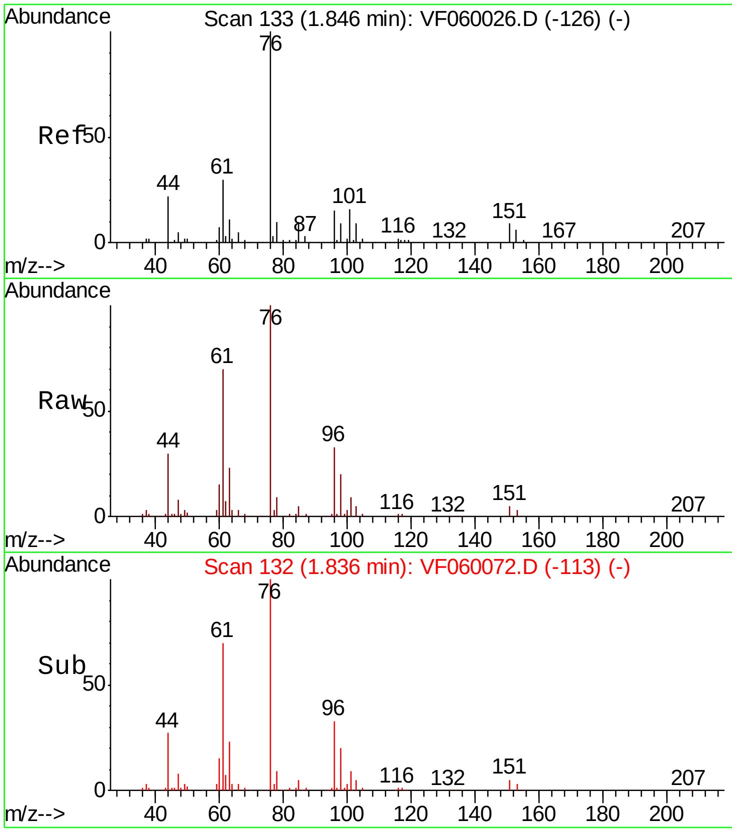


#16
Acetone
Concen: 208.37 ug/l
RT: 2.34 min   Scan# 183
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 43 Resp: 123006

Ion	Ratio	Lower	Upper
43	100		
58	14.8	12.6	19.0





#17
Carbon Disulfide
Concen: 43.30 ug/l
RT: 1.84 min   Scan# 132
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 141419

Ion	Ratio	Lower	Upper
76	100		
78	9.0	8.4	12.6

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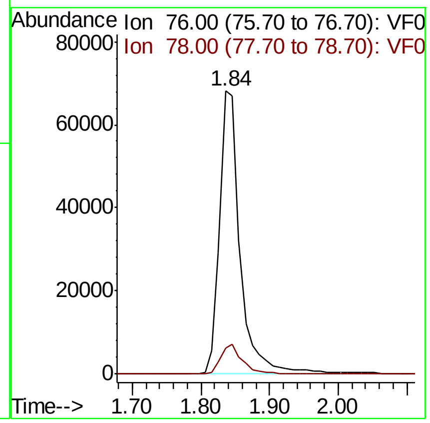
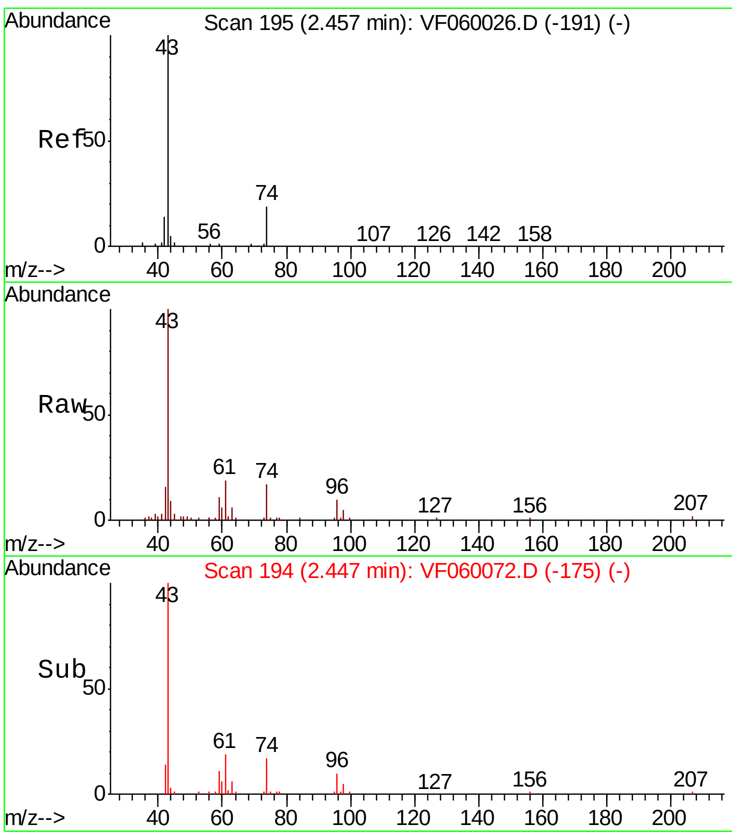
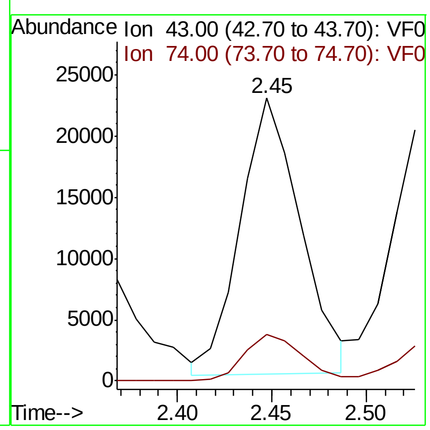


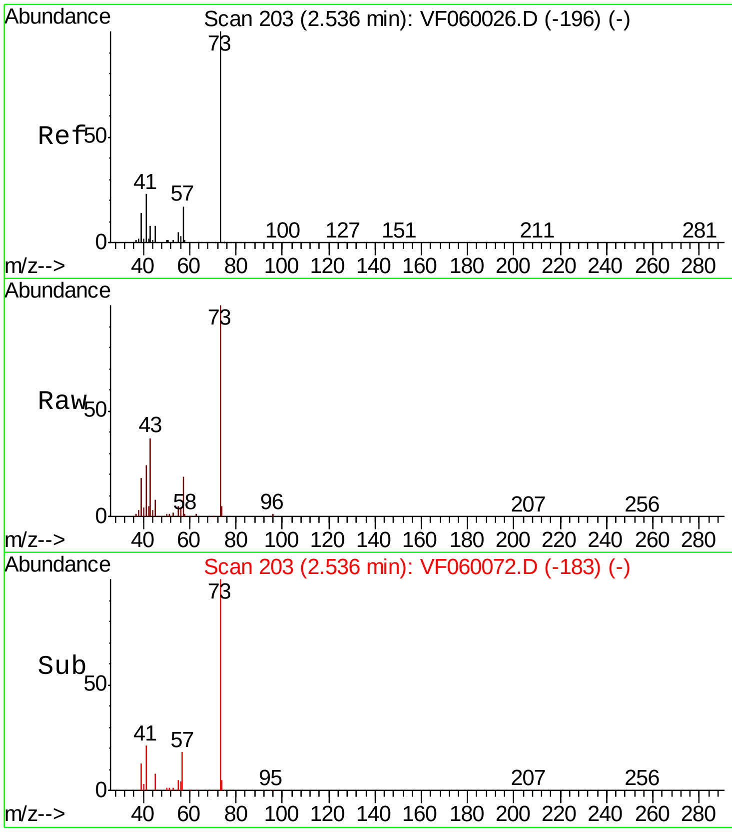


#18
Methyl Acetate
Concen: 49.54 ug/l
RT: 2.45 min   Scan# 194
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 43 Resp: 49994

Ion	Ratio	Lower	Upper
43	100		
74	16.7	13.8	20.6





#19
Methyl tert-butyl Ether
Concen: 49.88 ug/l
RT: 2.54 min   Scan# 203
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 166725

Ion	Ratio	Lower	Upper
73	100		
57	18.8	13.7	20.5

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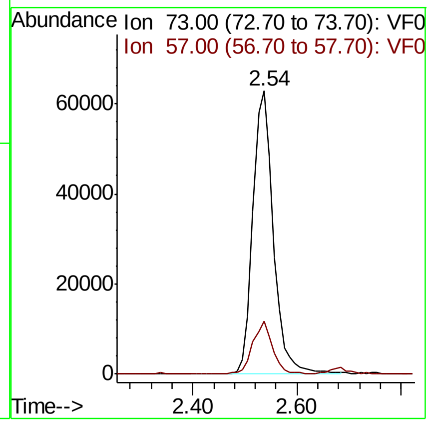
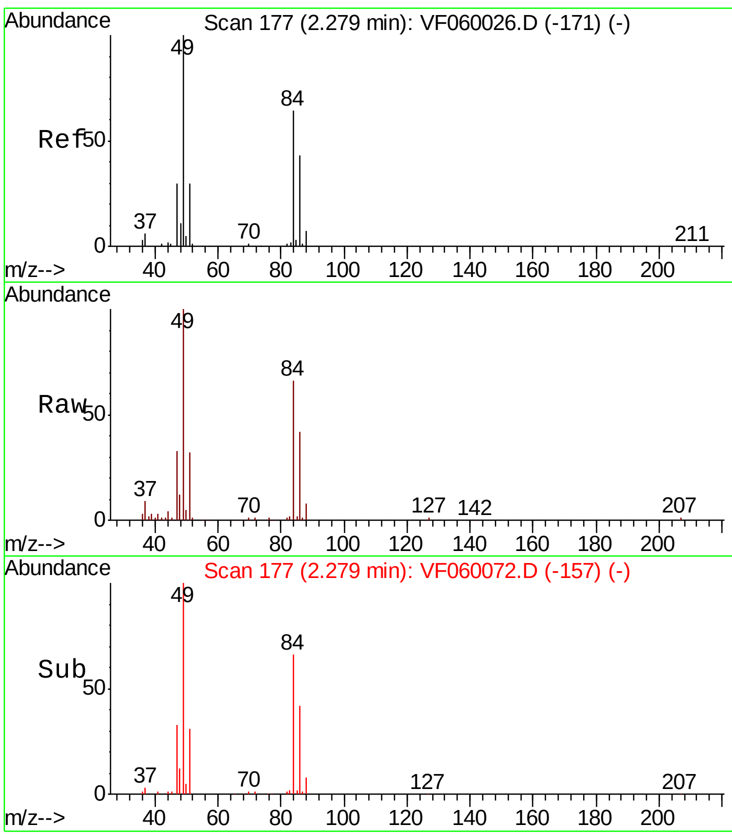
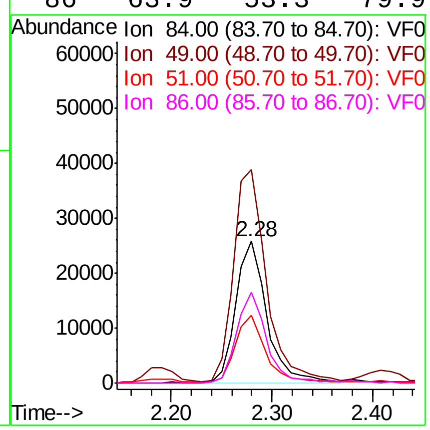


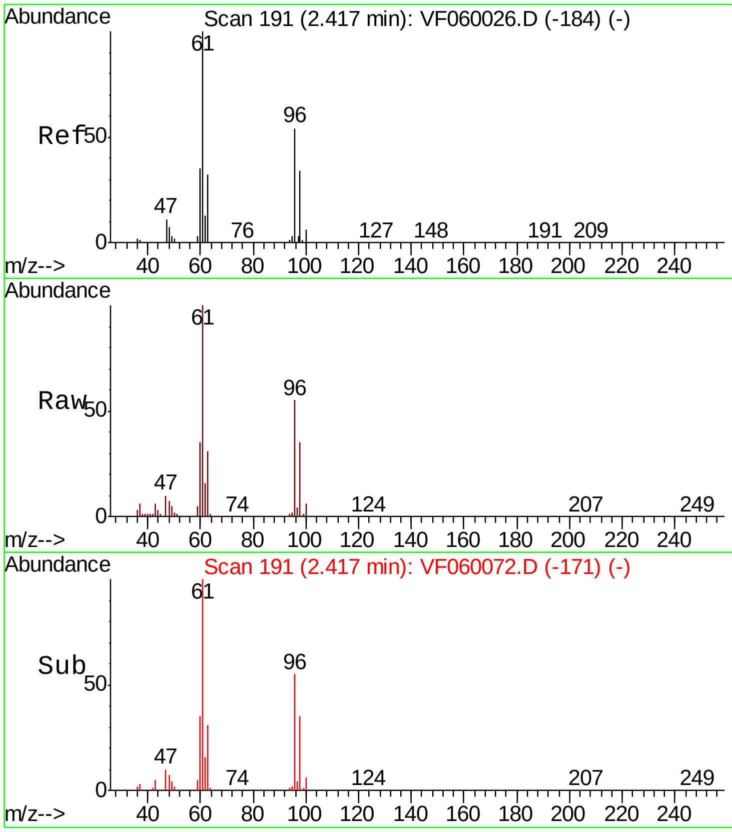


#20
Methylene Chloride
Concen: 47.73 ug/l
RT: 2.28 min   Scan# 177
Delta R.T.   0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 84 Resp: 55756

Ion	Ratio	Lower	Upper
84	100		
49	150.7	125.4	188.0
51	47.5	38.3	57.5
86	63.9	53.3	79.9





#21
trans-1,2-Dichloroethene
Concen: 44.55 ug/l
RT: 2.42 min Scan# 191
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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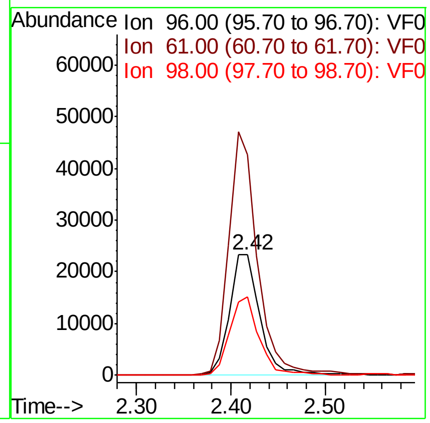
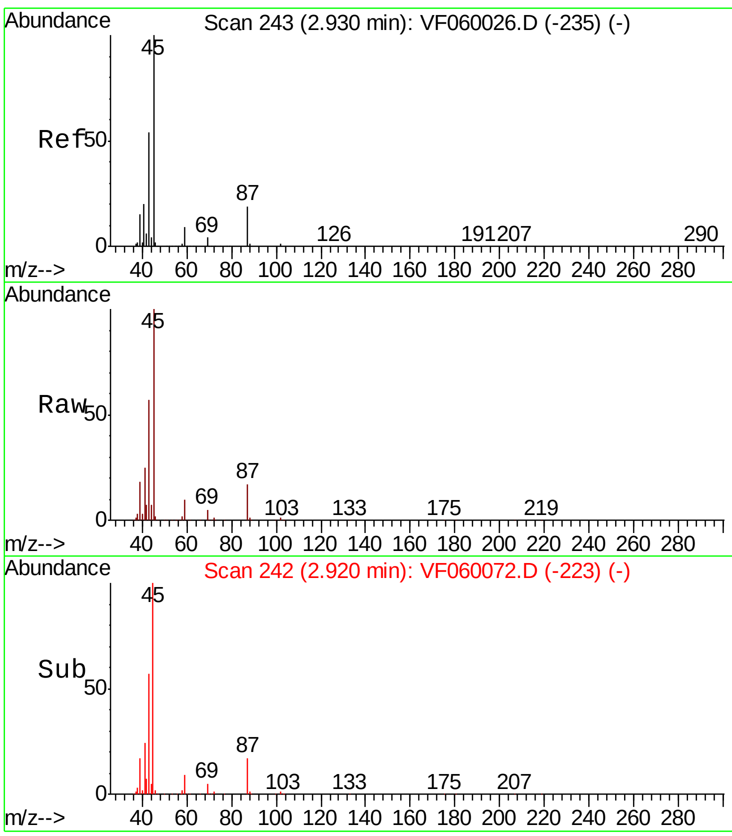
Tgt Ion: 96 Resp: 51998

Ion	Ratio	Lower	Upper
96	100		
61	183.5	147.4	221.0
98	64.7	49.8	74.6

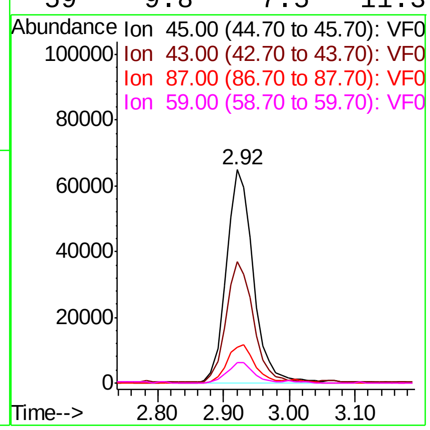


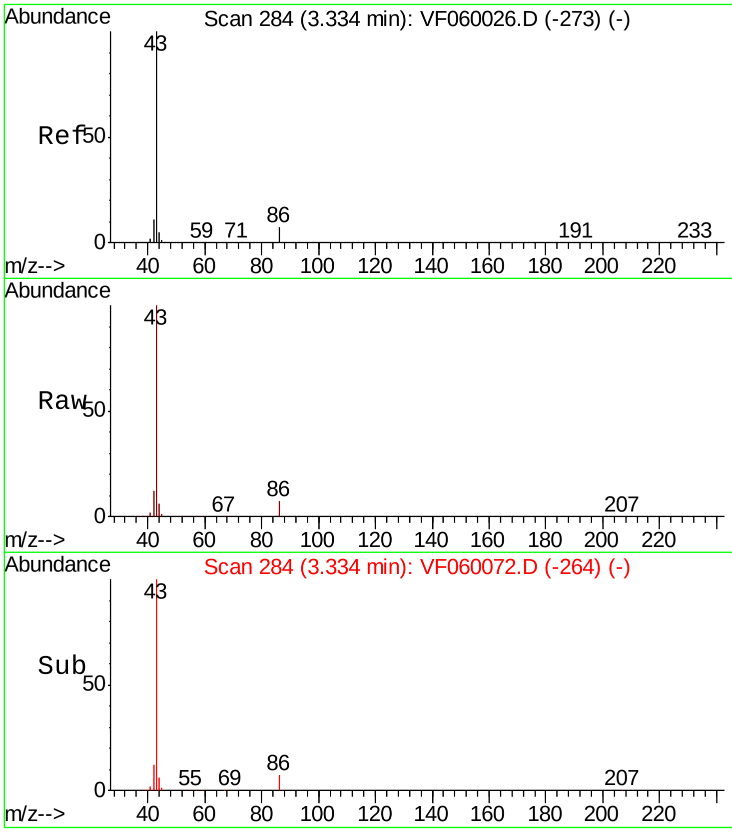


#22
Diisopropyl ether
Concen: 45.28 ug/l
RT: 2.92 min Scan# 242
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 45 Resp: 187859

Ion	Ratio	Lower	Upper
45	100		
43	56.9	43.4	65.2
87	16.6	15.4	23.2
59	9.8	7.5	11.3





#23
Vinyl Acetate
Concen: 265.56 ug/l
RT: 3.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 43 Resp: 583665

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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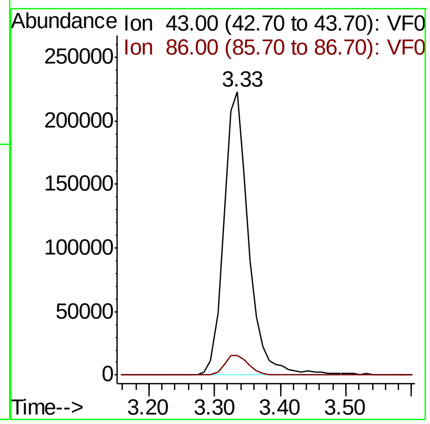
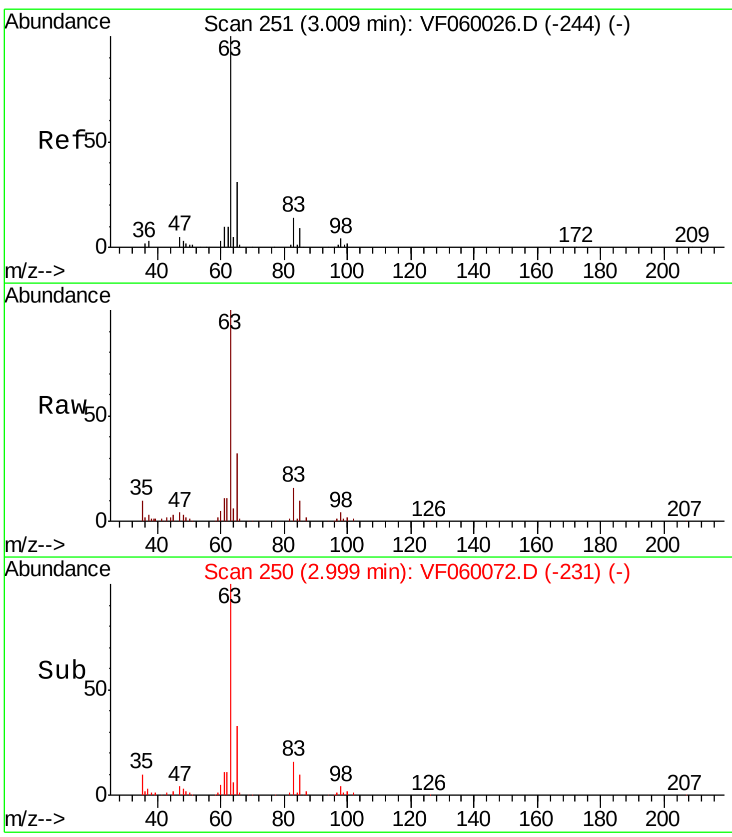
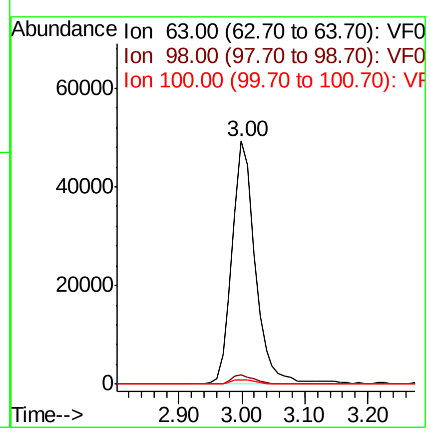


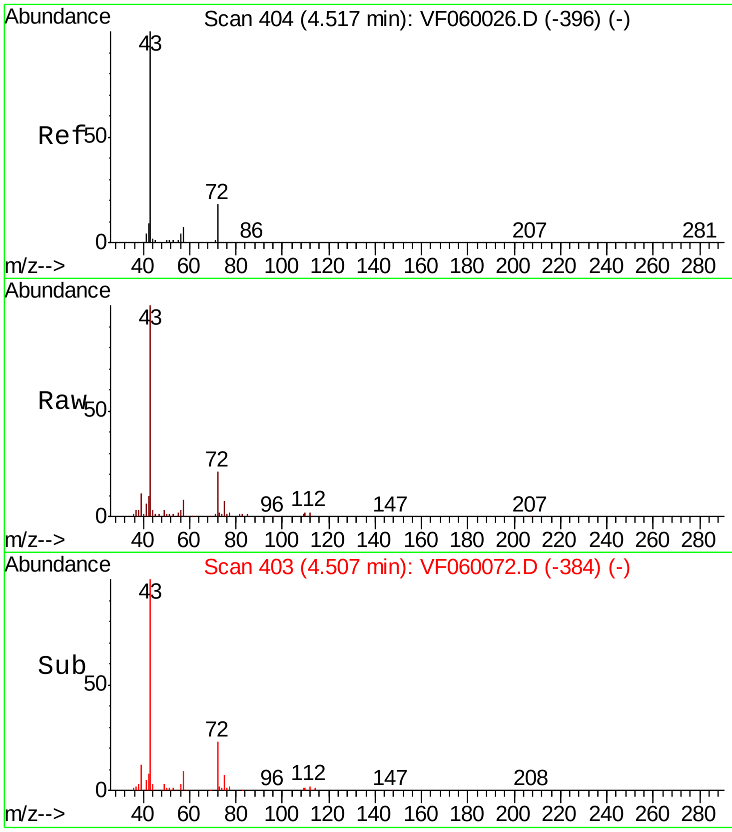


#24
1,1-Dichloroethane
Concen: 49.33 ug/l
RT: 3.00 min Scan# 250
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 63 Resp: 126434

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.5
100	1.7	1.1	3.3





#25
2-Butanone
Concen: 240.91 ug/l
RT: 4.51 min   Scan# 403
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 43 Resp: 184722

Ion	Ratio	Lower	Upper
43	100		
72	21.2	15.0	22.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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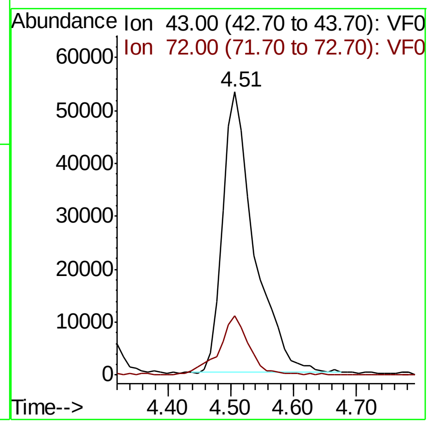
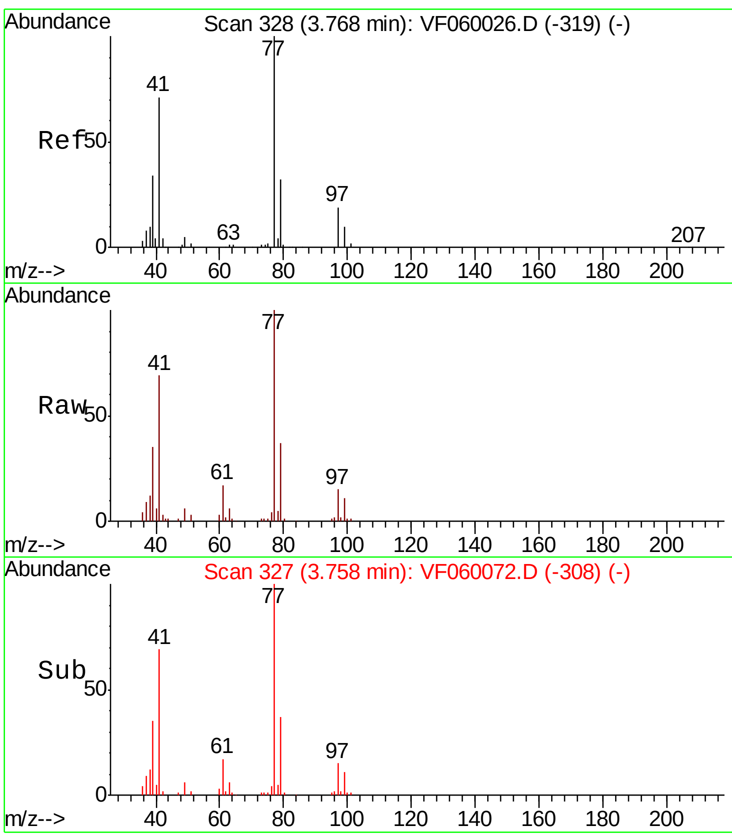
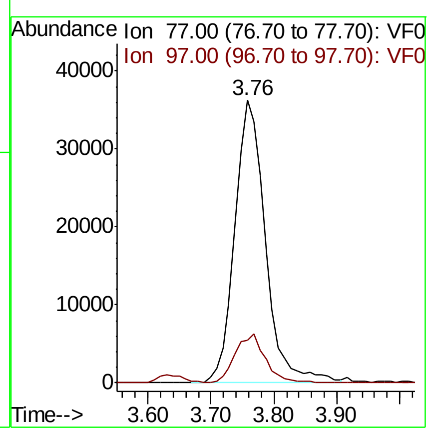


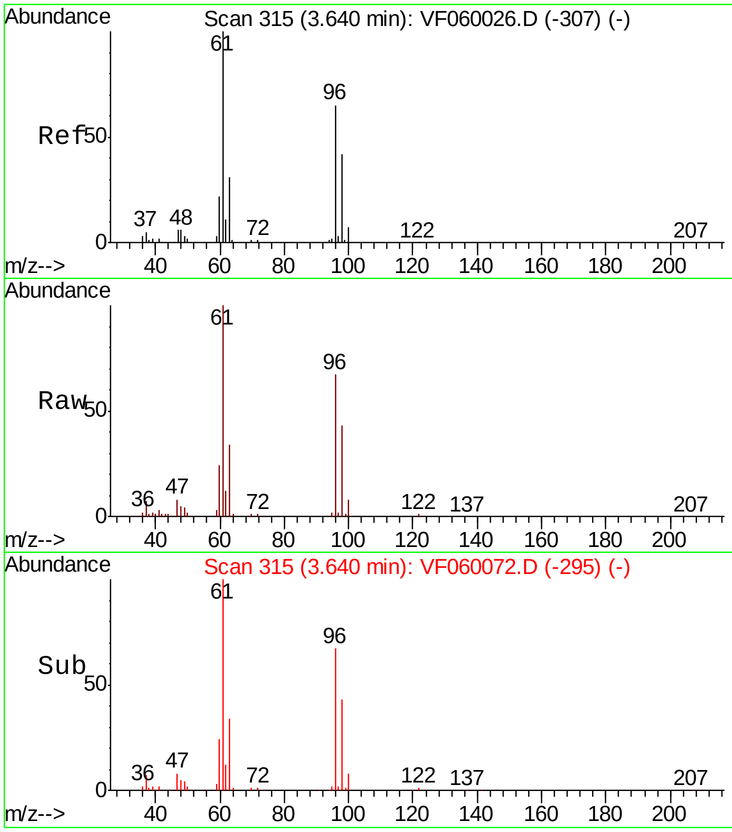


#26
2,2-Dichloropropane
Concen: 45.97 ug/l
RT: 3.76 min   Scan# 327
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 77 Resp: 121900

Ion	Ratio	Lower	Upper
77	100		
97	15.0	9.7	29.1





#27
cis-1,2-Dichloroethene
Concen: 49.76 ug/l
RT: 3.64 min Scan# 315
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 96 Resp: 82317

Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	307.6
98	64.1	0.0	128.4

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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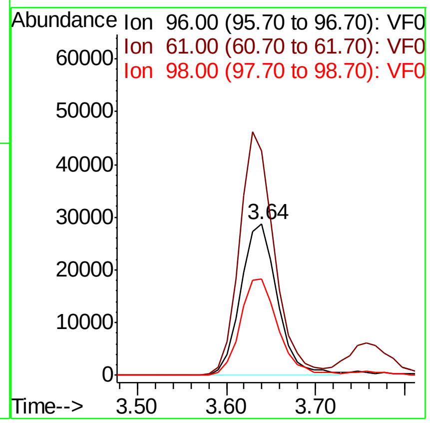
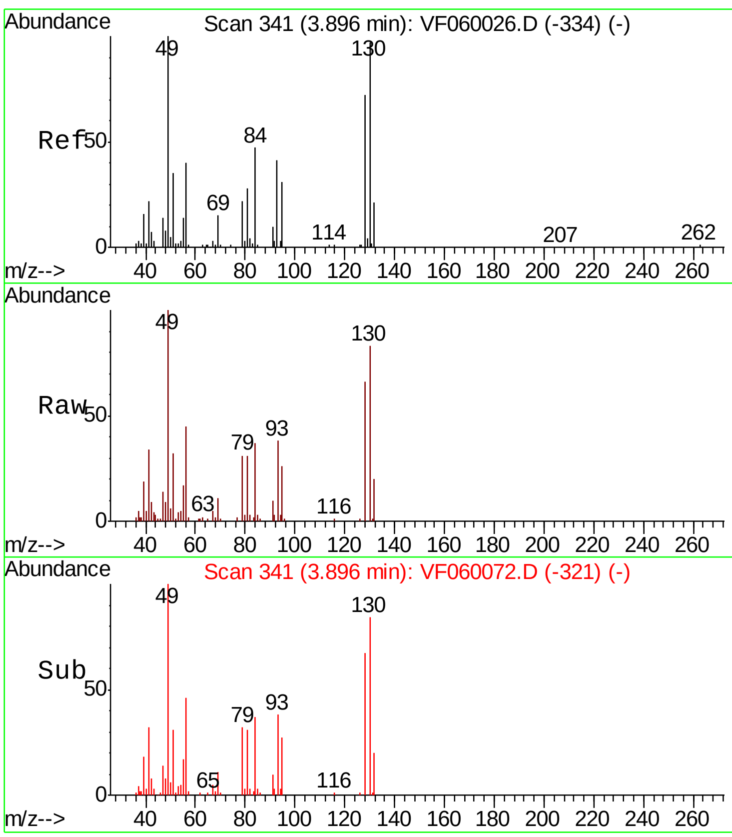
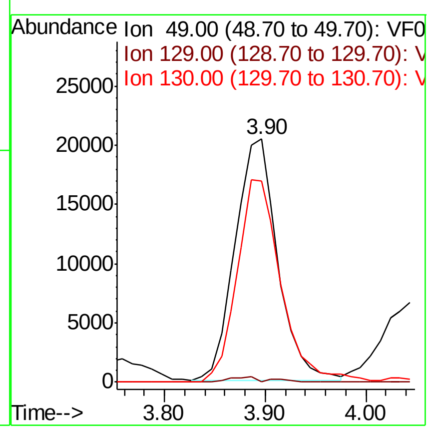




#28
Bromochloromethane
Concen: 55.72 ug/l
RT: 3.90 min Scan# 341
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 49 Resp: 60295

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	7.4
130	83.0	78.0	117.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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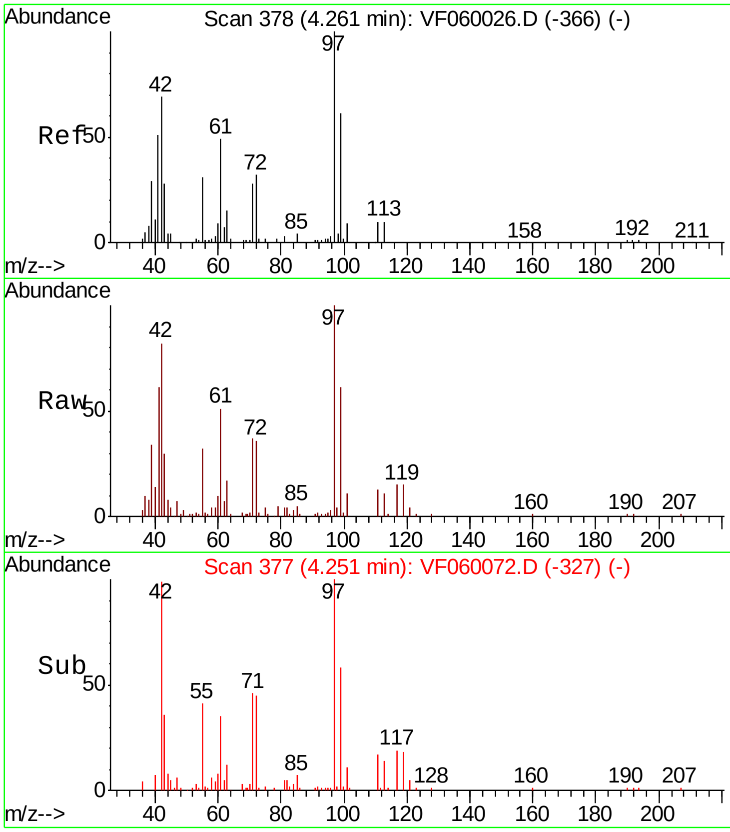
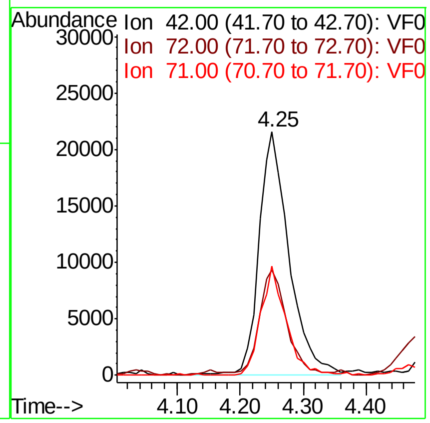
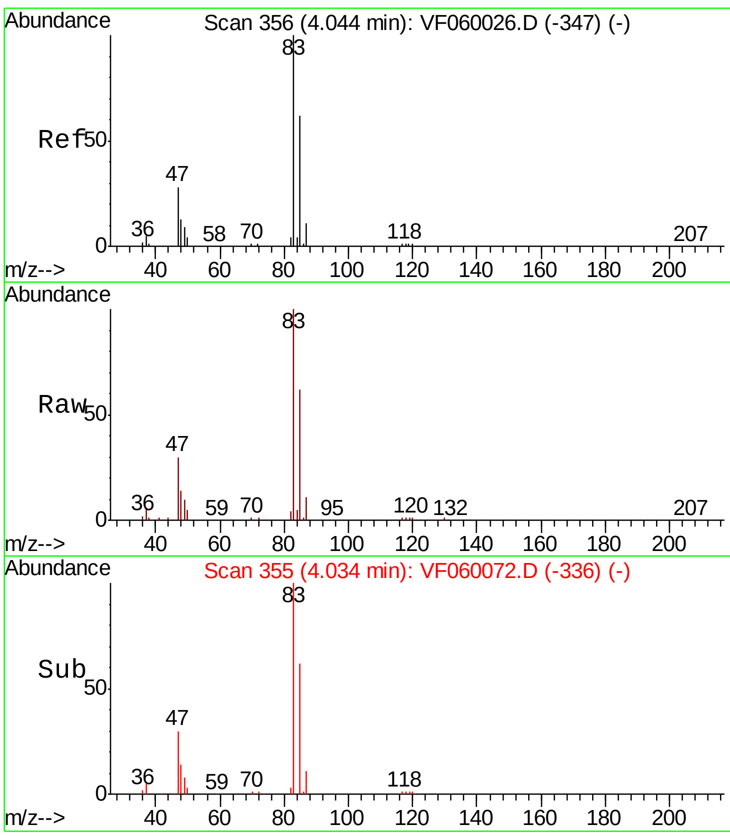


#29
Tetrahydrofuran
Concen: 249.28 ug/l
RT: 4.25 min   Scan# 377
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 42 Resp: 72166

Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.4	47.2
71	38.3	29.7	44.5

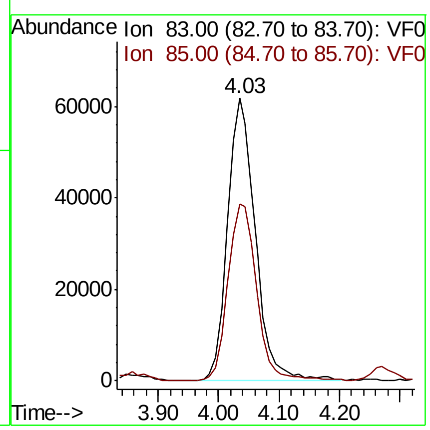


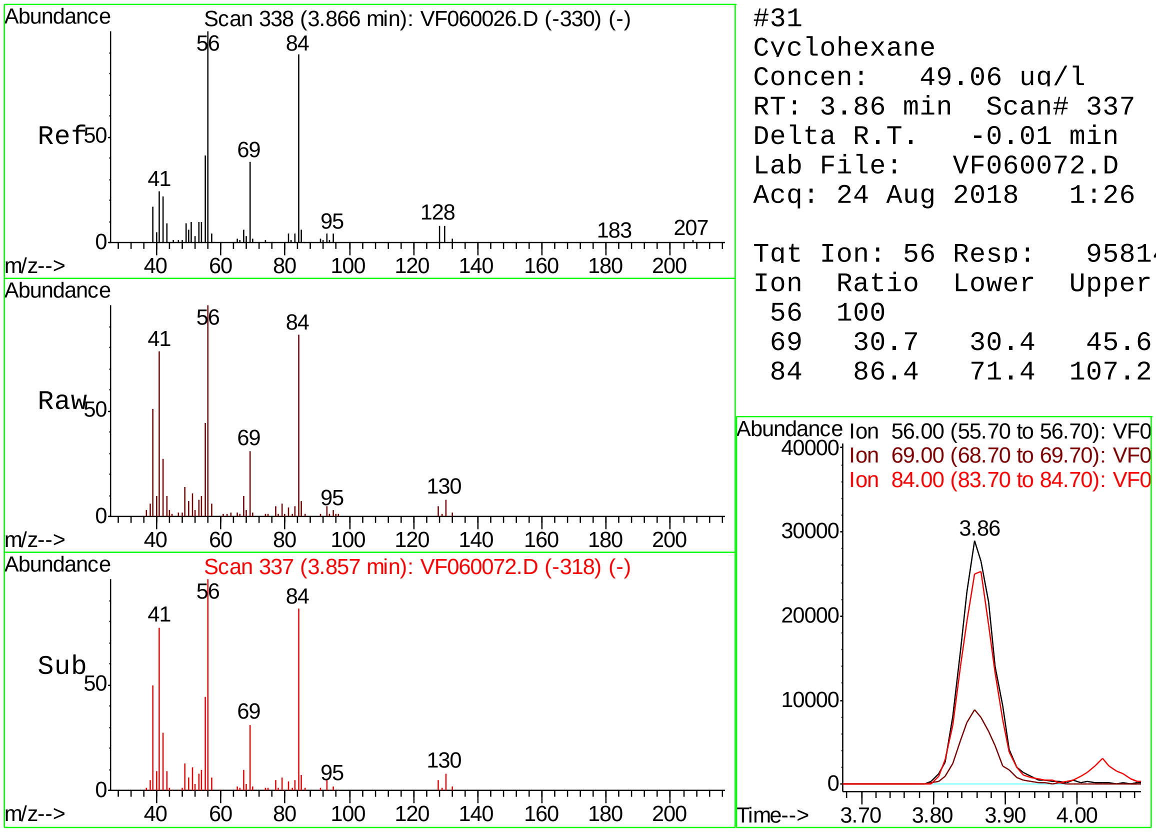


#30
Chloroform
Concen: 54.95 ug/l
RT: 4.03 min   Scan# 355
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 83 Resp: 197675

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.5	74.3





#31
Cyclohexane
Concen: 49.06 ug/l
RT: 3.86 min Scan# 337
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 56 Resp: 95814

Ion	Ratio	Lower	Upper
56	100		
69	30.7	30.4	45.6
84	86.4	71.4	107.2

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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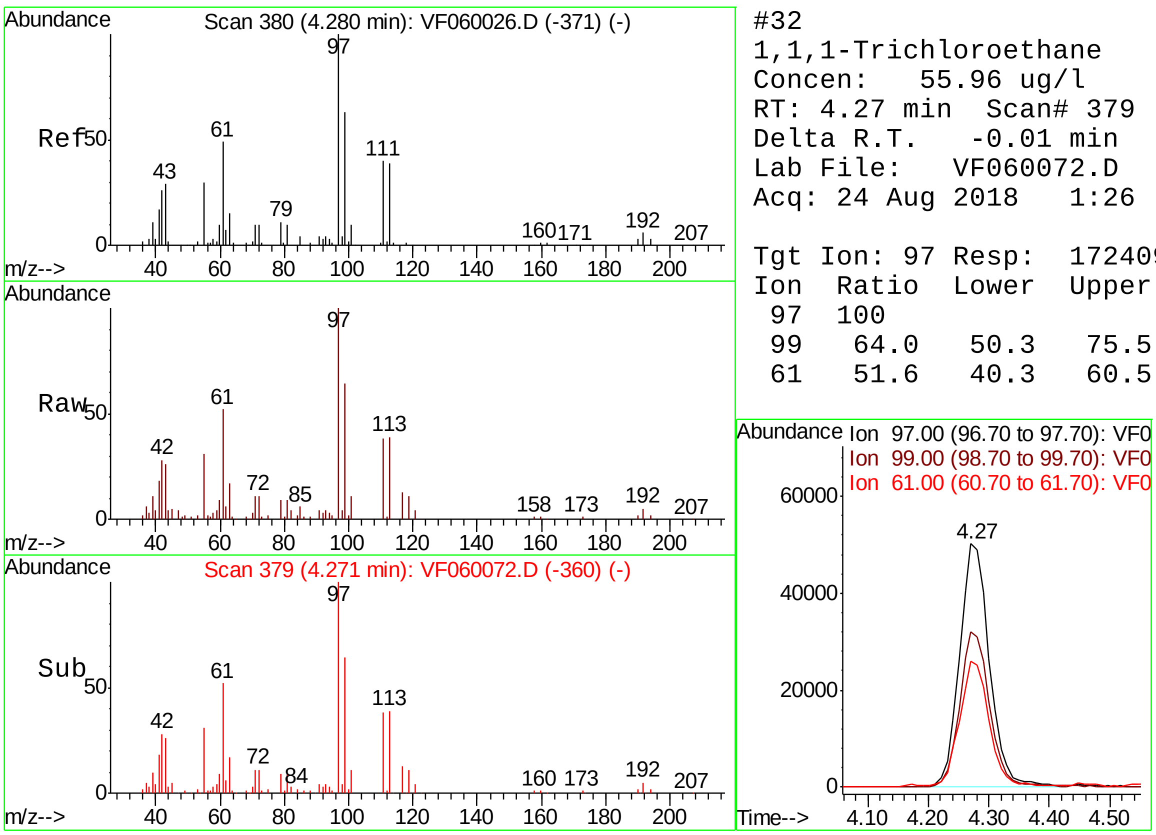
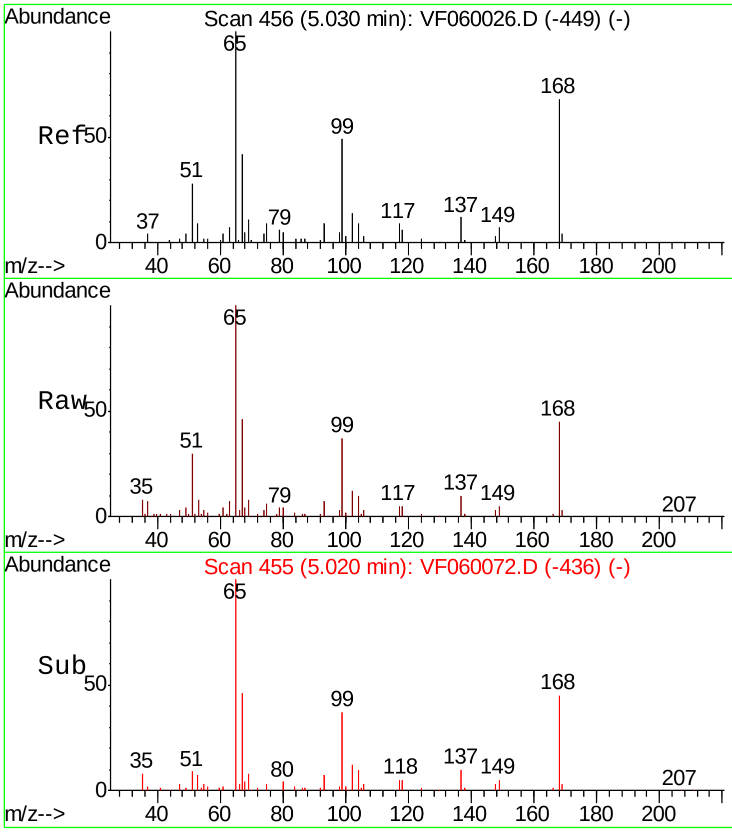


#32
1,1,1-Trichloroethane
Concen: 55.96 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 97 Resp: 172409

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.3	75.5
61	51.6	40.3	60.5



#33
1,2-Dichloroethane-d4
Concen: 57.35 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 65 Resp: 128818

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	92.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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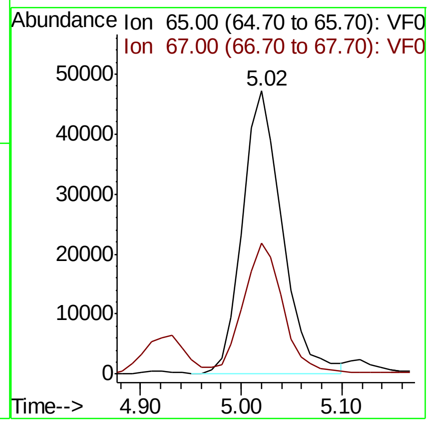
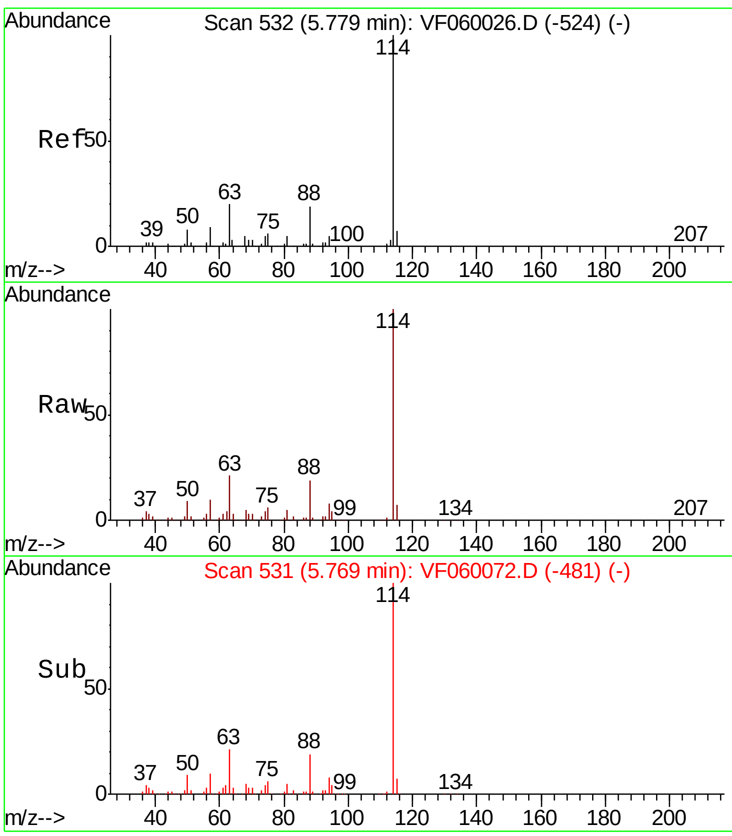
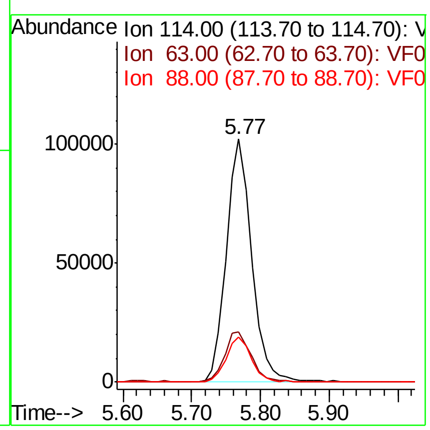


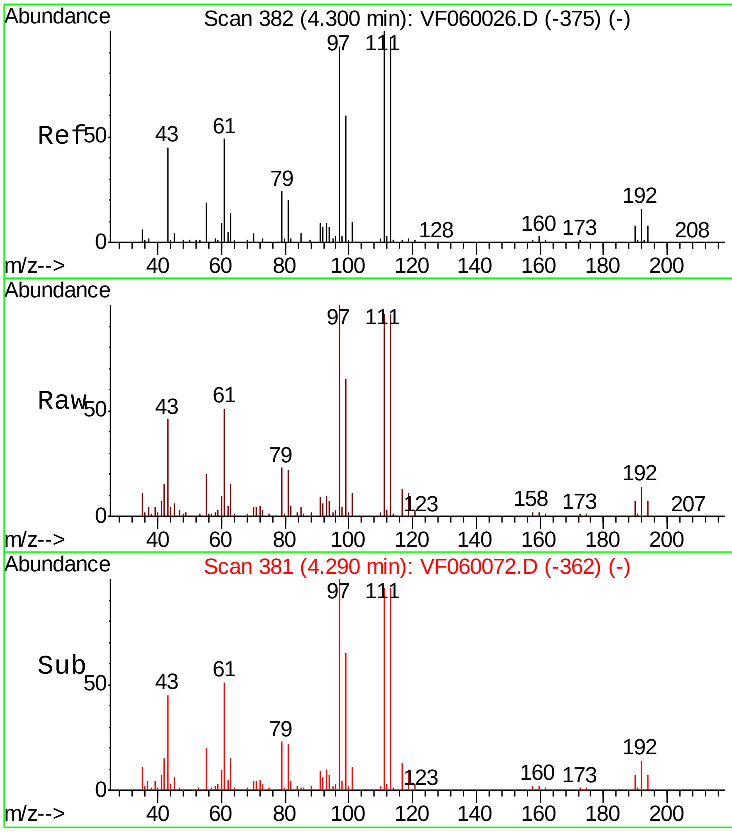


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:114 Resp: 261827

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.4
88	18.8	0.0	38.6





#35
Dibromofluoromethane
Concen: 56.83 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:113	Resp:	116842	
Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.7	124.1
192	15.5	13.0	19.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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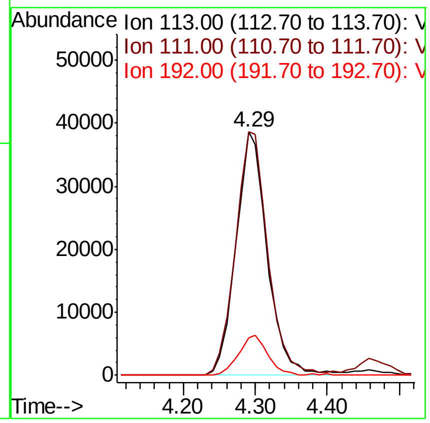
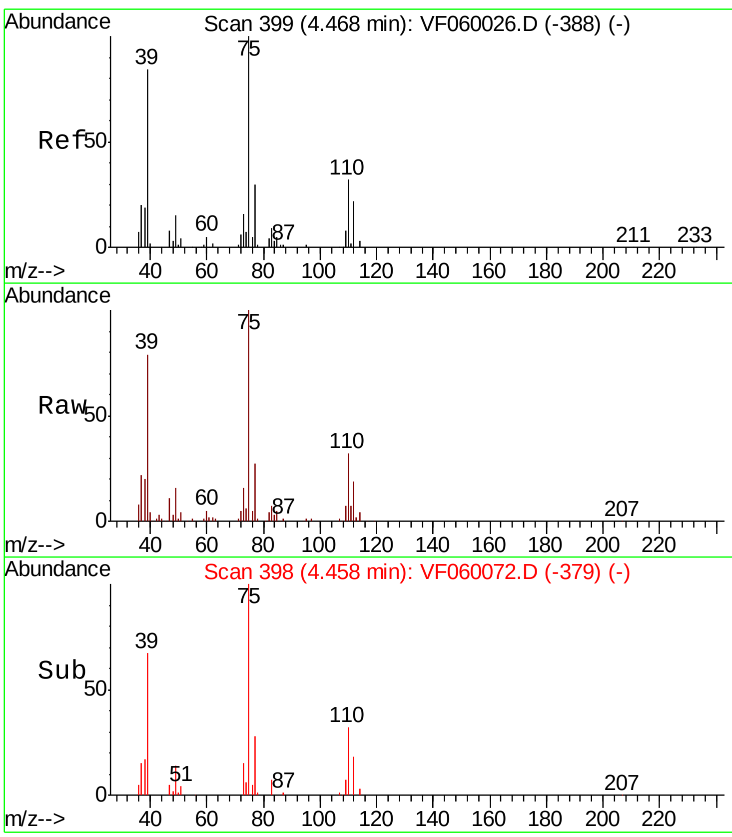
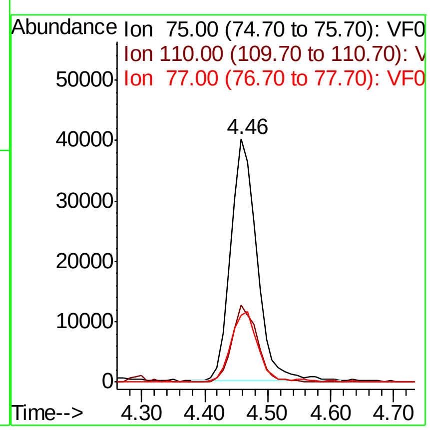
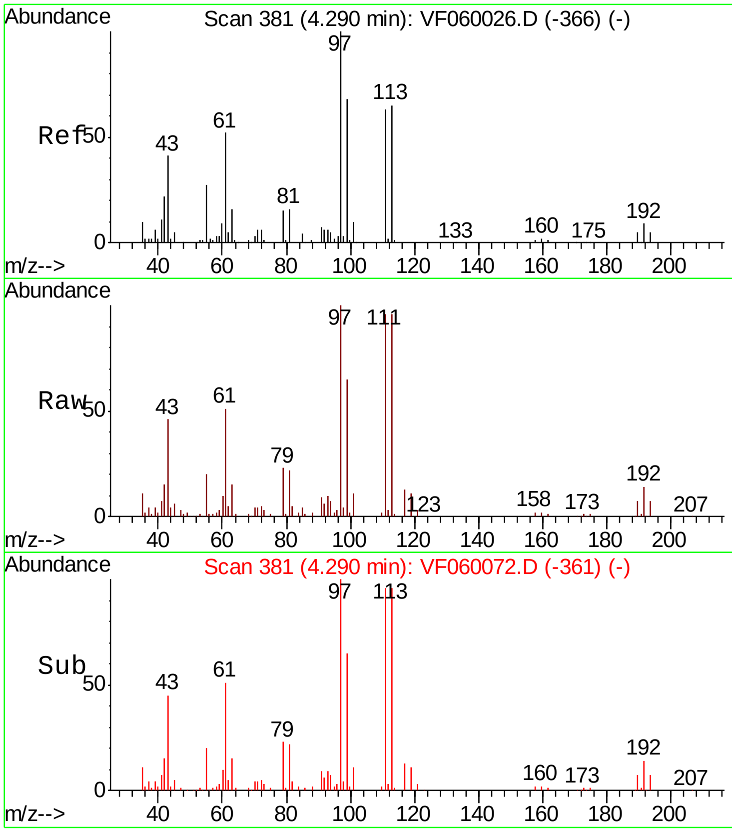




#36
1,1-Dichloropropene
Concen: 47.07 ug/l
RT: 4.46 min Scan# 398
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 75	Resp:	115810	
Ion	Ratio	Lower	Upper
75	100		
110	31.5	16.0	47.9
77	27.3	24.1	36.1





#37
Ethyl Acetate
Concen: 48.40 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 43 Resp: 71226

Ion	Ratio	Lower	Upper
43	100		
61	112.2	101.5	152.3
70	8.1	6.4	9.6

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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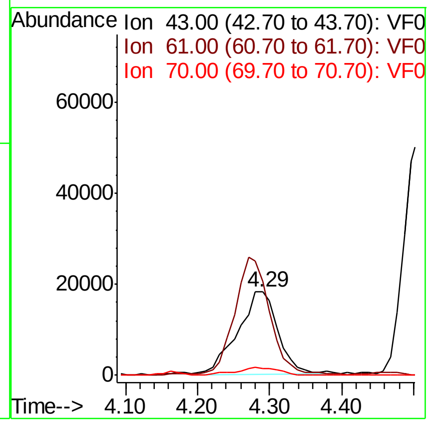
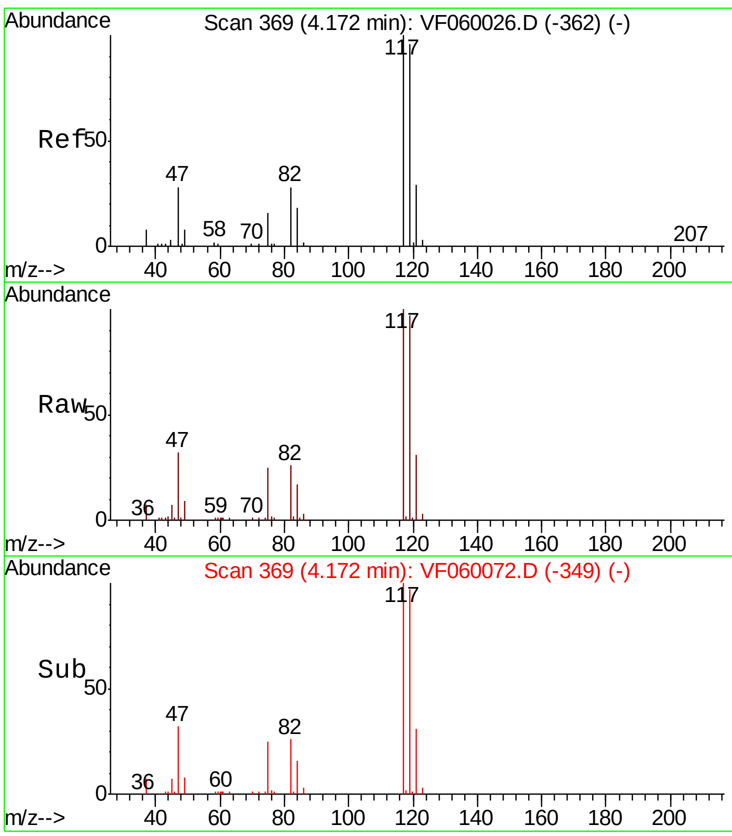
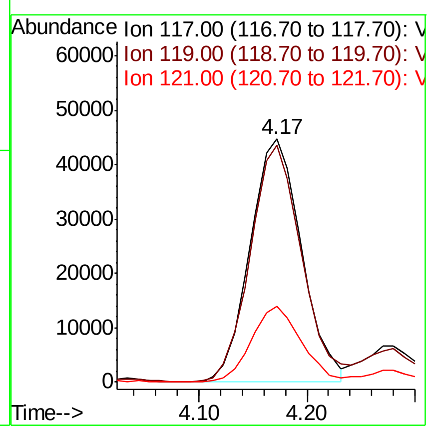


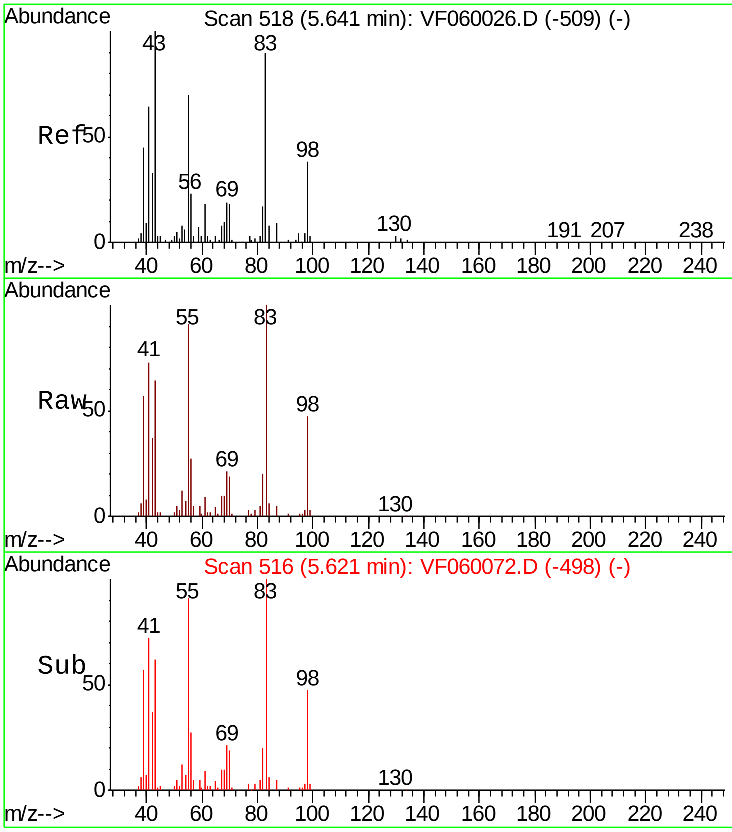


#38
Carbon Tetrachloride
Concen: 51.96 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:117 Resp: 148055

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.5	114.7
121	31.3	23.0	34.6





#39
Methylcyclohexane
Concen: 45.19 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.02 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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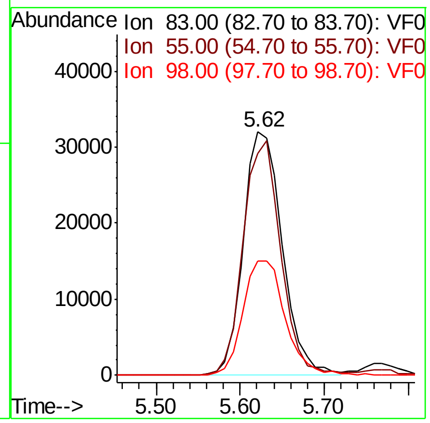
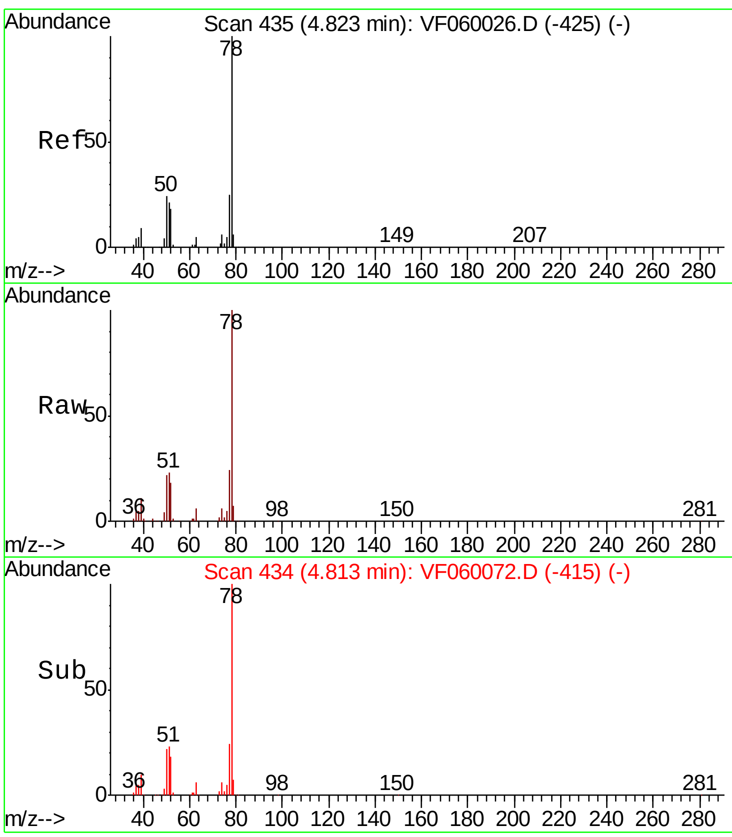
Tgt Ion: 83 Resp: 104245

Ion	Ratio	Lower	Upper
83	100		
55	90.9	62.7	94.1
98	47.1	33.8	50.8

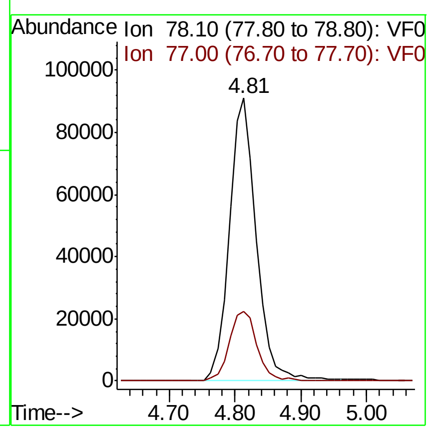


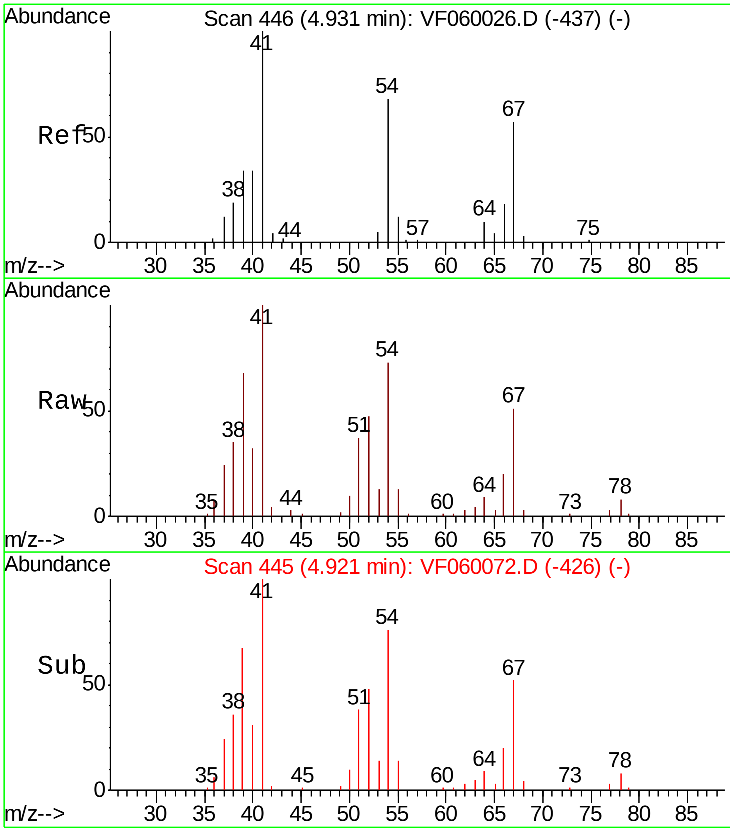


#40
Benzene
Concen: 48.48 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 78 Resp: 260555

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.6





#41
Methacrylonitrile
Concen: 46.79 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 41 Resp: 34828

Ion	Ratio	Lower	Upper
41	100		
39	67.8	52.9	79.3
67	50.9	45.3	67.9
52	46.8	34.8	52.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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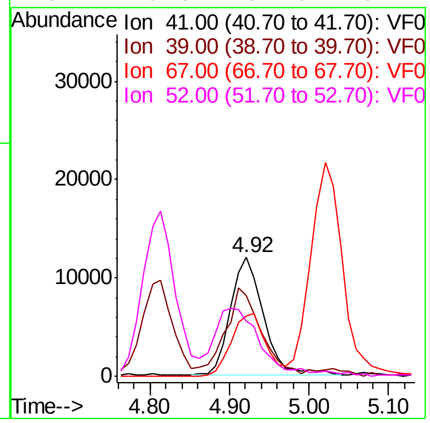
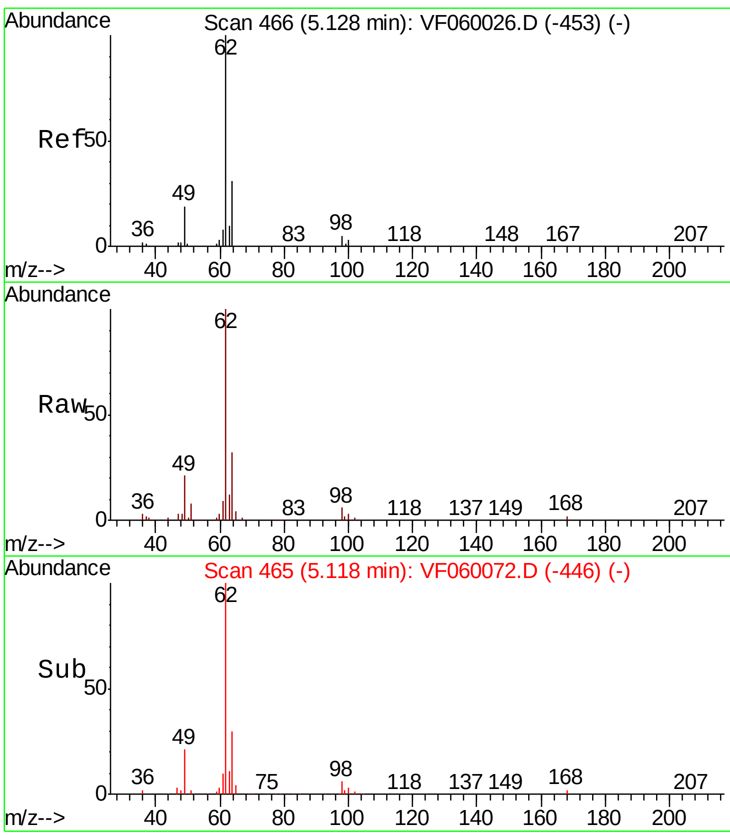
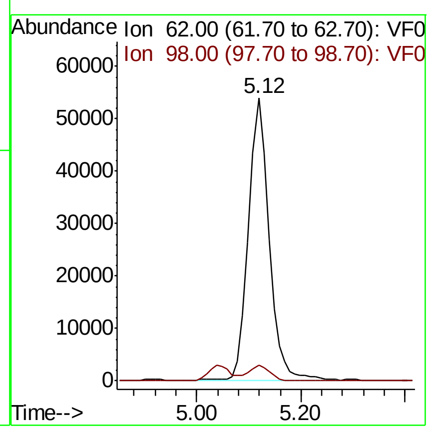


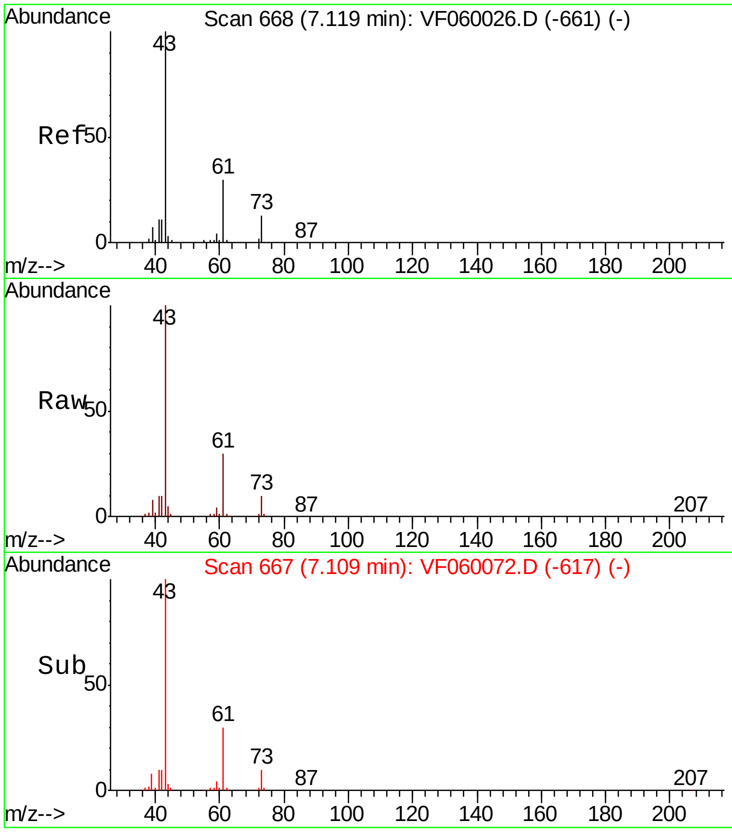


#42
1,2-Dichloroethane
Concen: 50.60 ug/l
RT: 5.12 min Scan# 465
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 62 Resp: 145837

Ion	Ratio	Lower	Upper
62	100		
98	5.6	0.0	11.2





#43
Isopropyl Acetate
Concen: 47.68 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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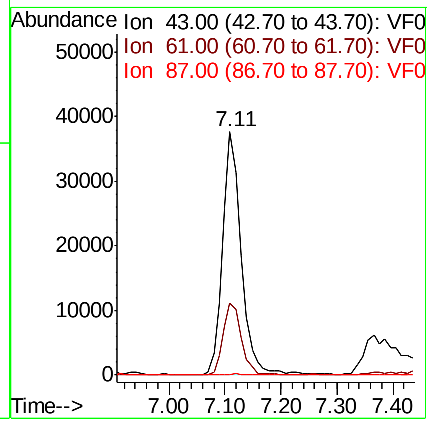
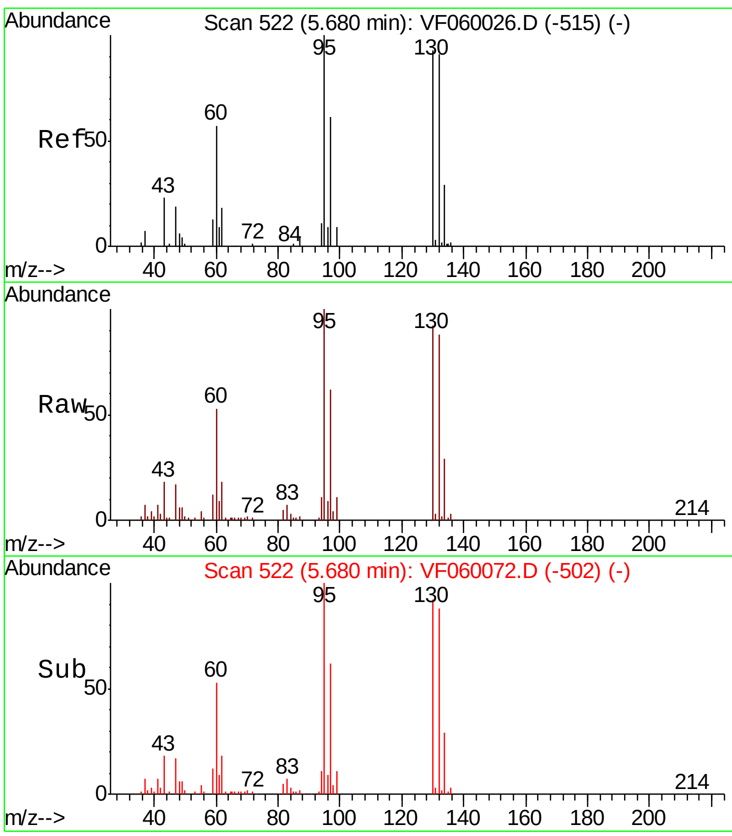
Tgt Ion: 43 Resp: 88314

Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6
87	0.3	0.2	0.4

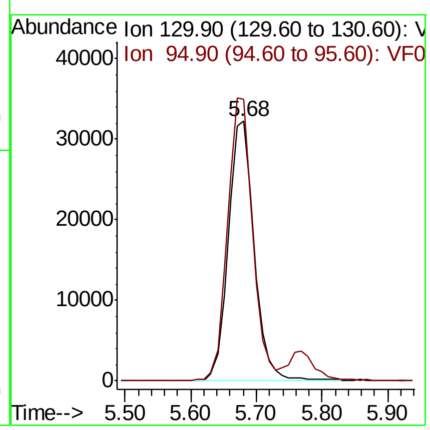


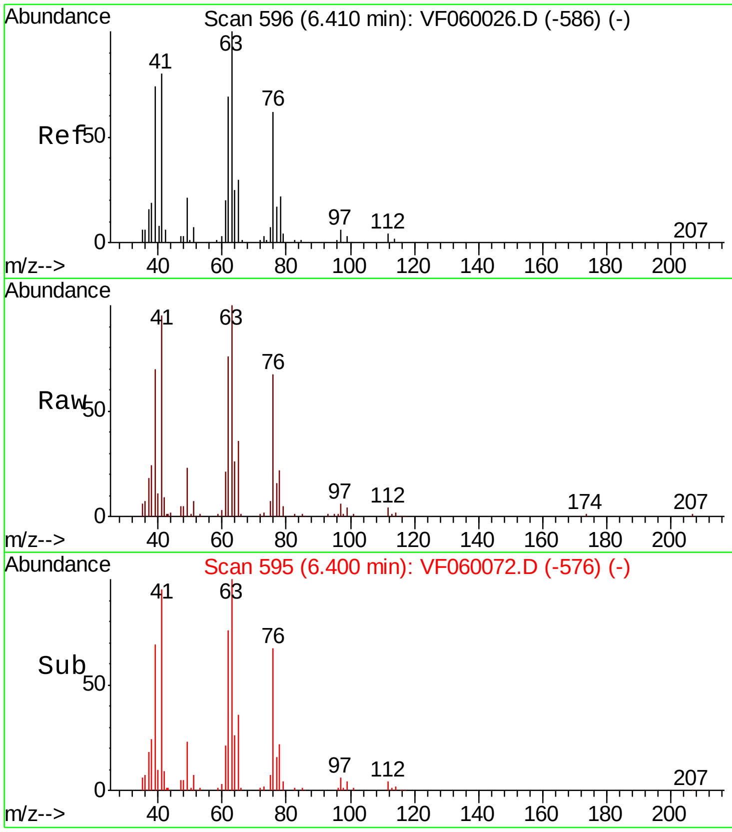


#44
Trichloroethene
Concen: 50.24 ug/l
RT: 5.68 min Scan# 522
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:130 Resp: 89274

Ion	Ratio	Lower	Upper
130	100		
95	108.6	0.0	215.8





#45
1,2-Dichloropropane
Concen: 51.70 ug/l
RT: 6.40 min Scan# 595
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 63 Resp: 78610

Ion	Ratio	Lower	Upper
63	100		
65	36.0	23.8	35.6#

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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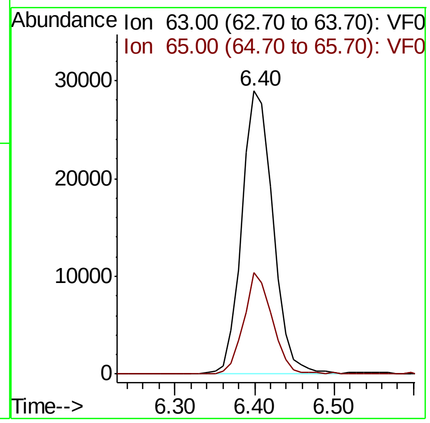
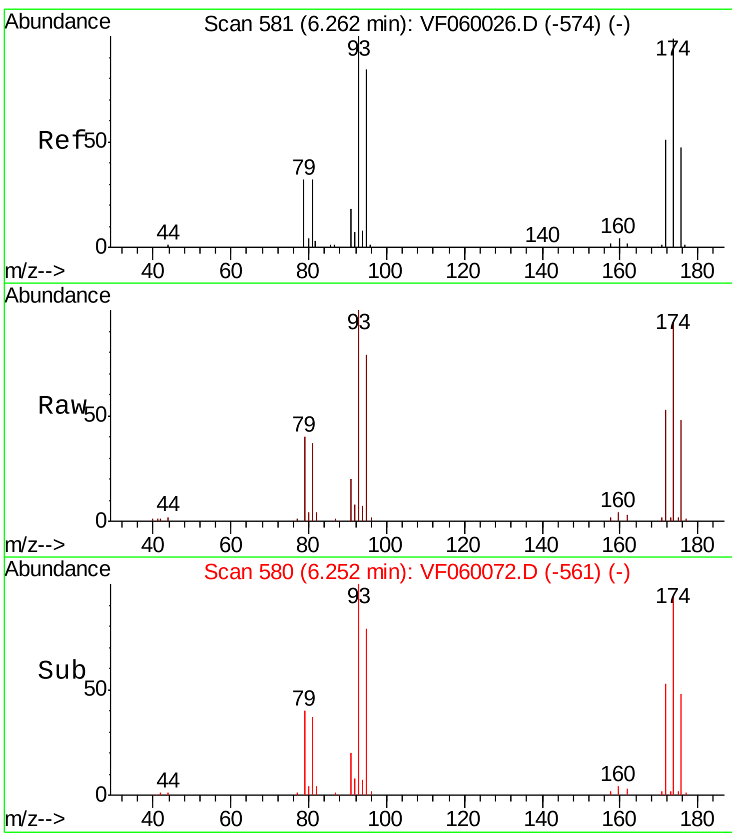
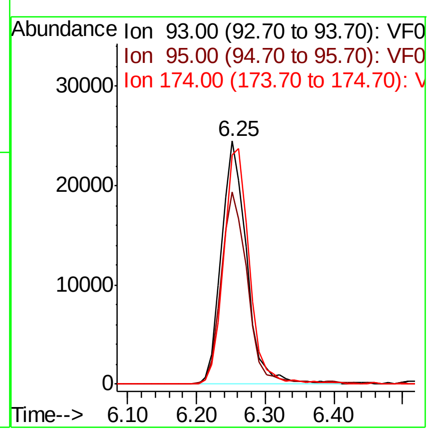


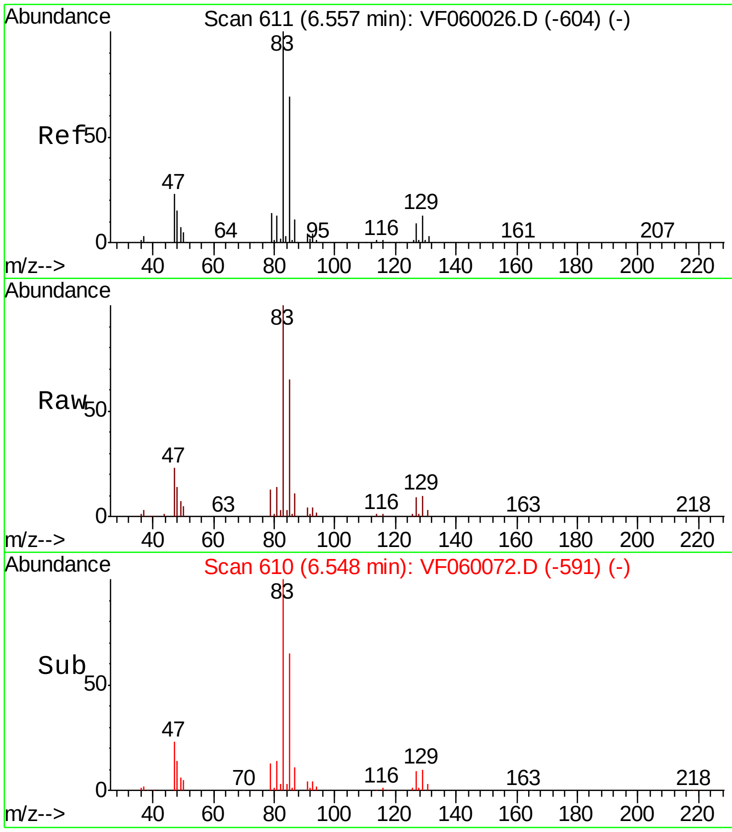


#46
Dibromomethane
Concen: 52.40 ug/l
RT: 6.25 min Scan# 580
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 93 Resp: 62334

Ion	Ratio	Lower	Upper
93	100		
95	79.2	67.1	100.7
174	94.5	79.0	118.4





#47
Bromodichloromethane
Concen: 53.82 ug/l
RT: 6.55 min Scan# 610
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 83 Resp: 154650

Ion	Ratio	Lower	Upper
83	100		
85	64.7	55.2	82.8
127	9.4	7.3	10.9

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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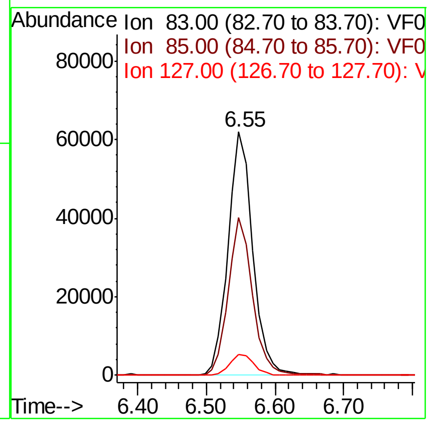
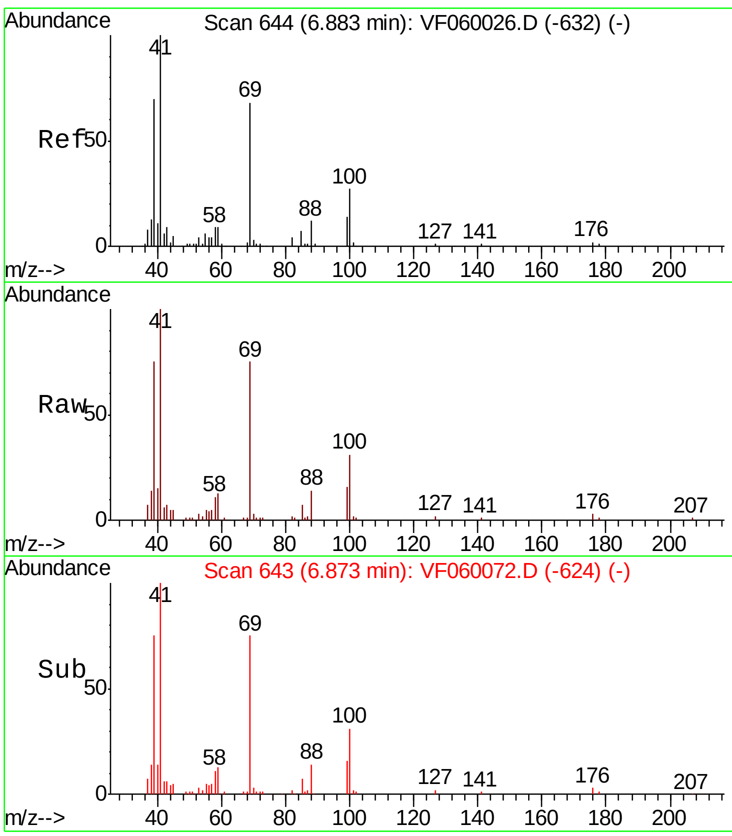
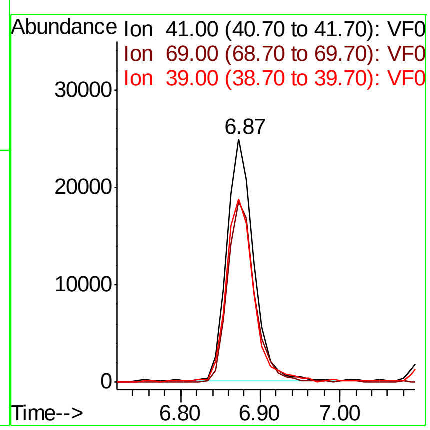


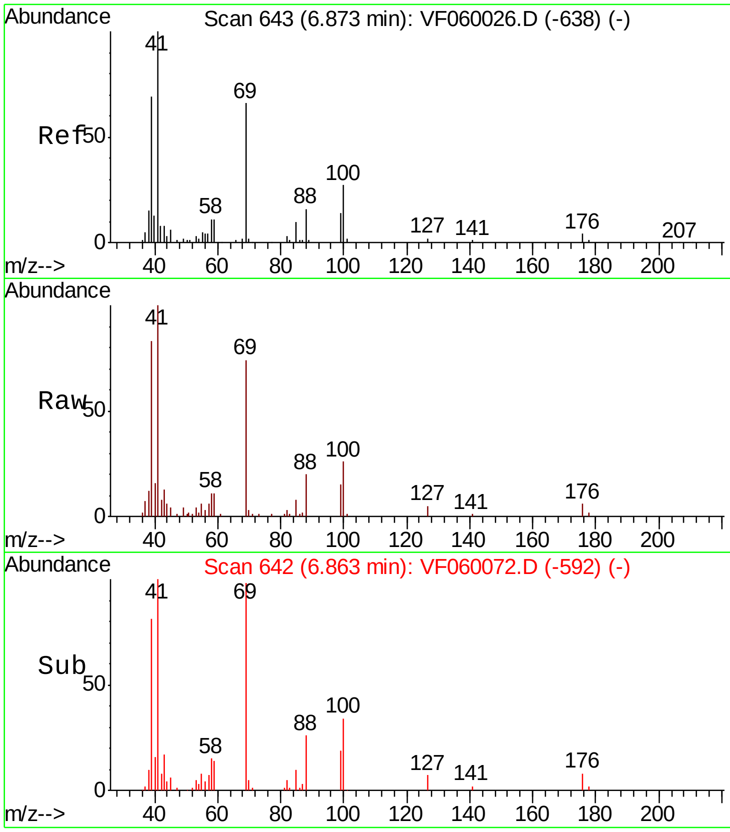


#48
Methyl methacrylate
Concen: 47.61 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 41 Resp: 58343

Ion	Ratio	Lower	Upper
41	100		
69	74.5	54.6	81.8
39	75.2	56.5	84.7





#49
1,4-Dioxane
Concen: 1054.65 ug/l
RT: 6.86 min   Scan# 642
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 88 Resp: 12408

Ion	Ratio	Lower	Upper
88	100		
43	65.5	46.5	69.7
58	55.2	54.8	82.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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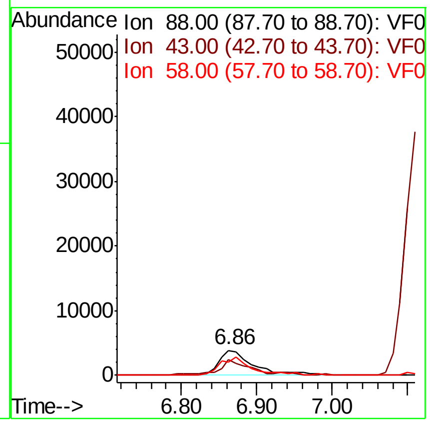
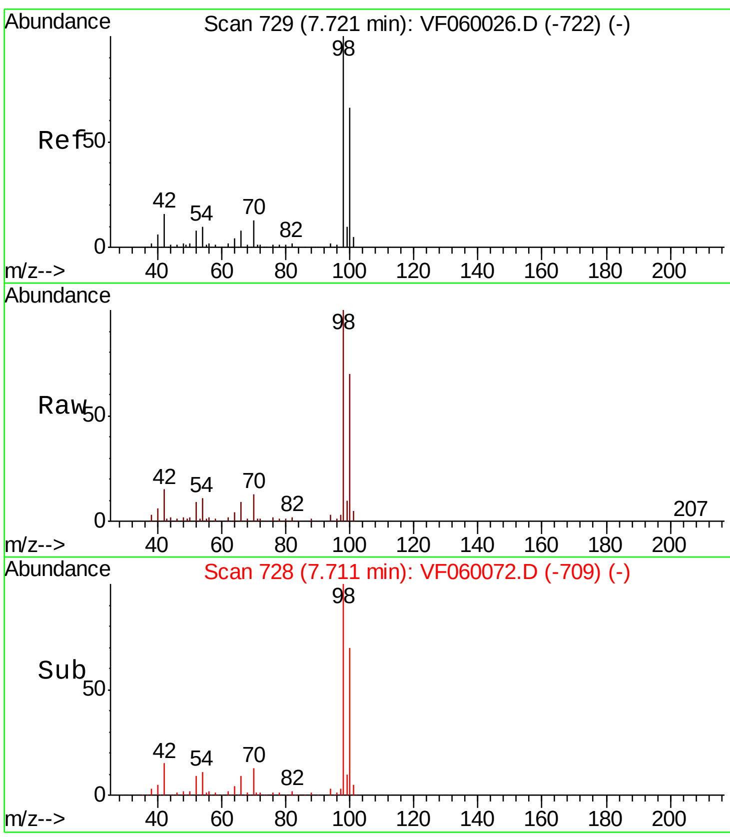
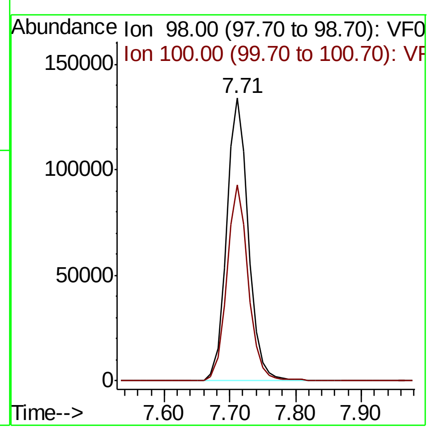


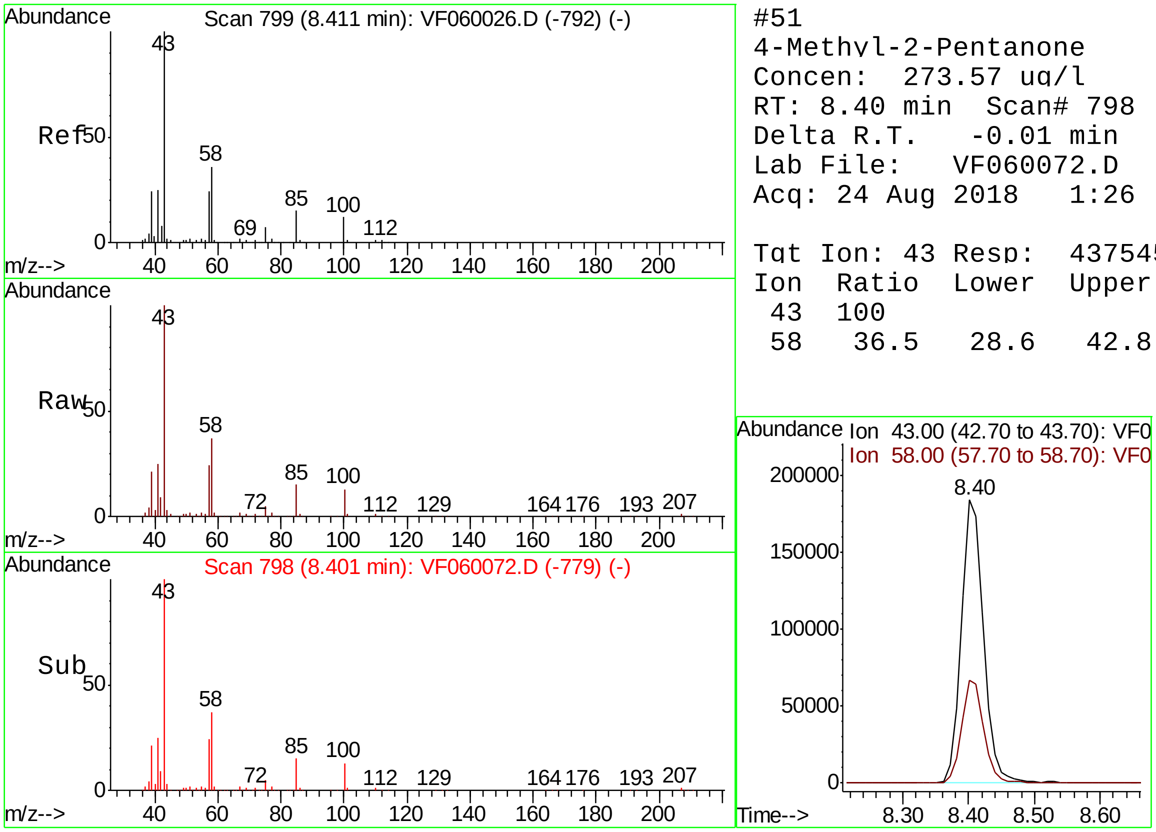


#50
Toluene-d8
Concen: 53.21 ug/l
RT: 7.71 min   Scan# 728
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 98 Resp: 310723

Ion	Ratio	Lower	Upper
98	100		
100	69.5	53.2	79.8





#51
4-Methyl-2-Pentanone
Concen: 273.57 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 43 Resp: 437545

Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.6	42.8

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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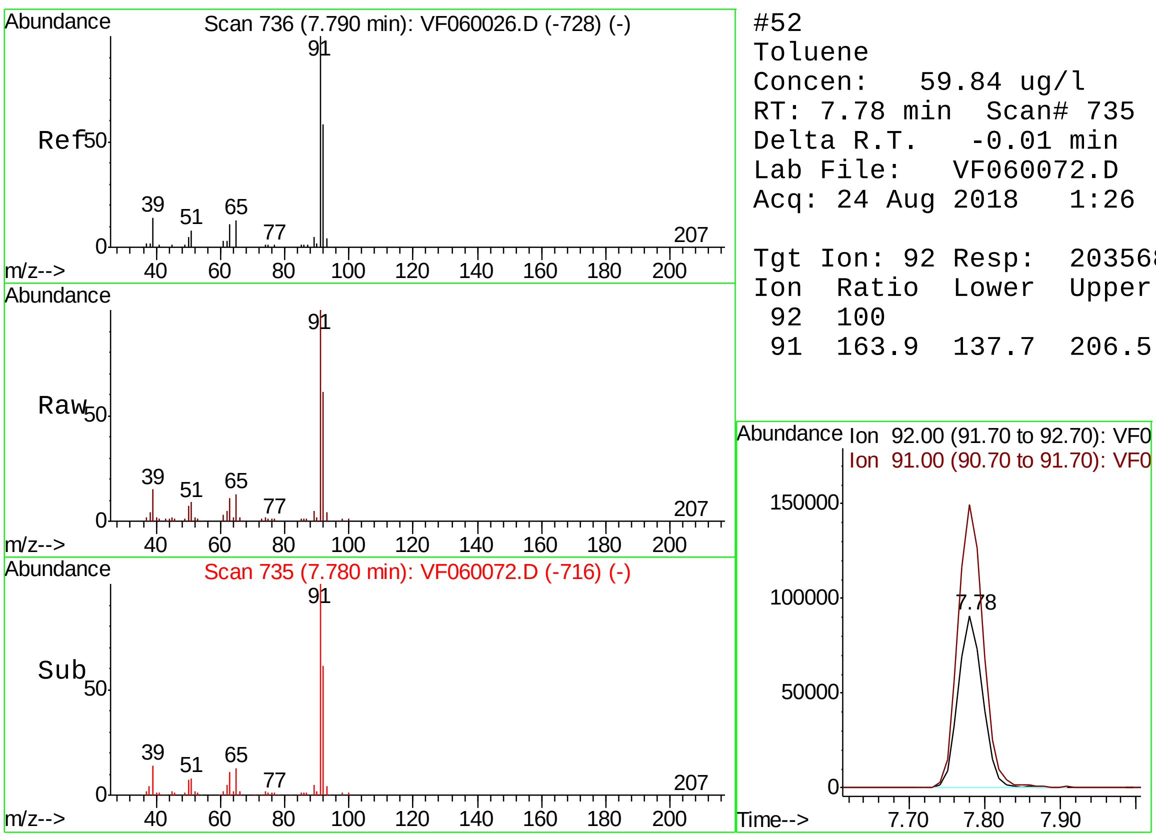
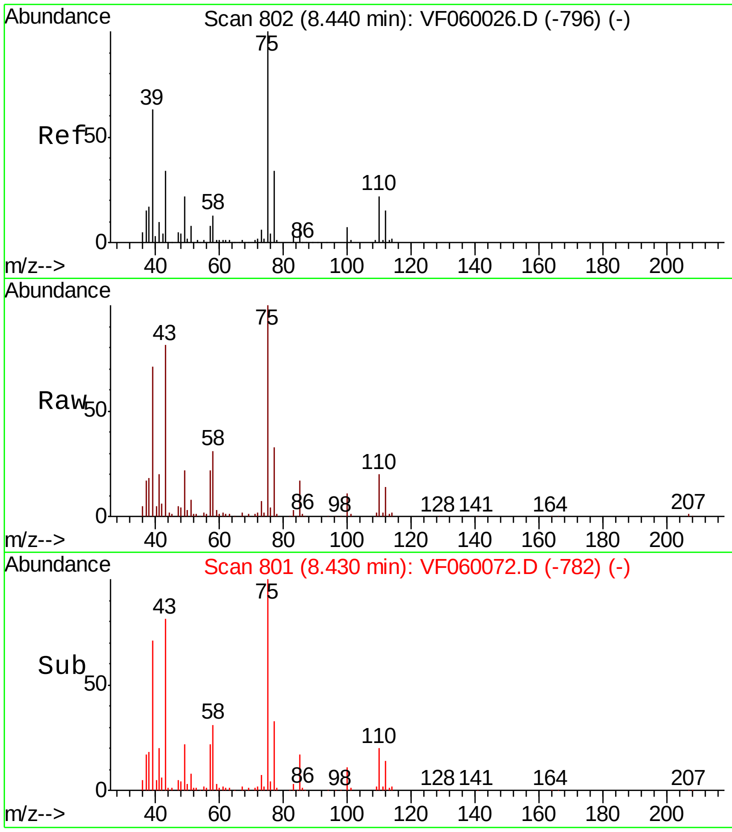


#52
Toluene
Concen: 59.84 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 92 Resp: 203568

Ion	Ratio	Lower	Upper
92	100		
91	163.9	137.7	206.5



#53
t-1,3-Dichloropropene
Concen: 50.31 ug/l
RT: 8.43 min Scan# 801
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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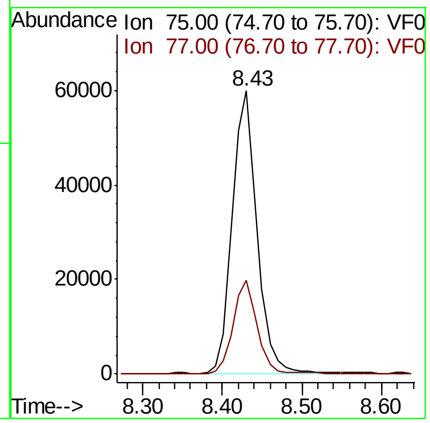
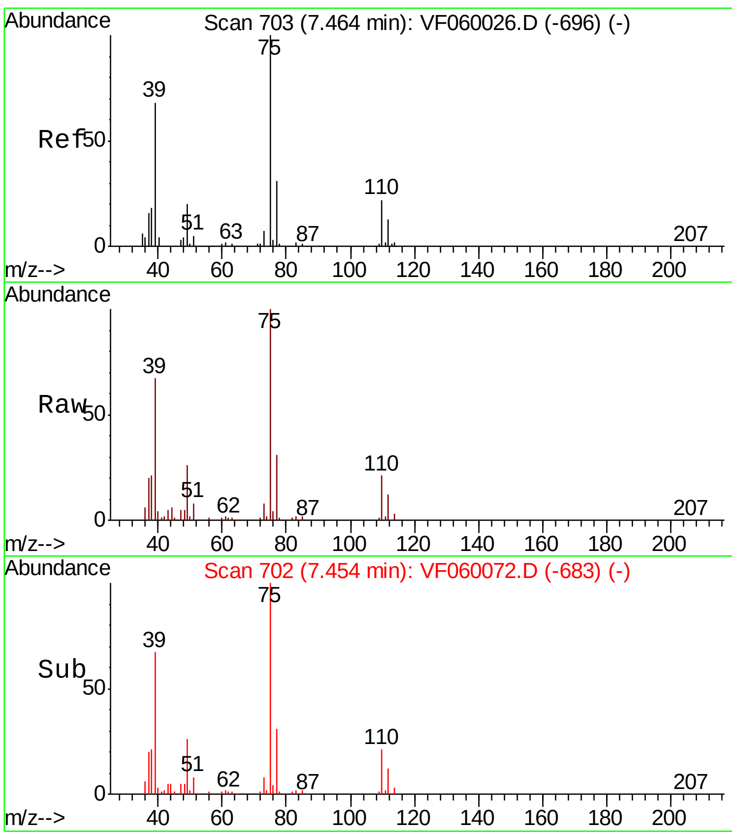
Tgt Ion: 75 Resp: 131086

Ion	Ratio	Lower	Upper
75	100		
77	33.3	27.4	41.2

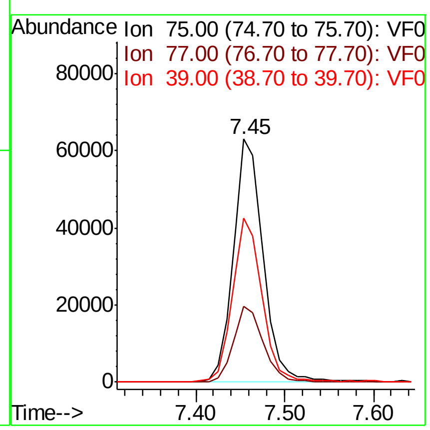


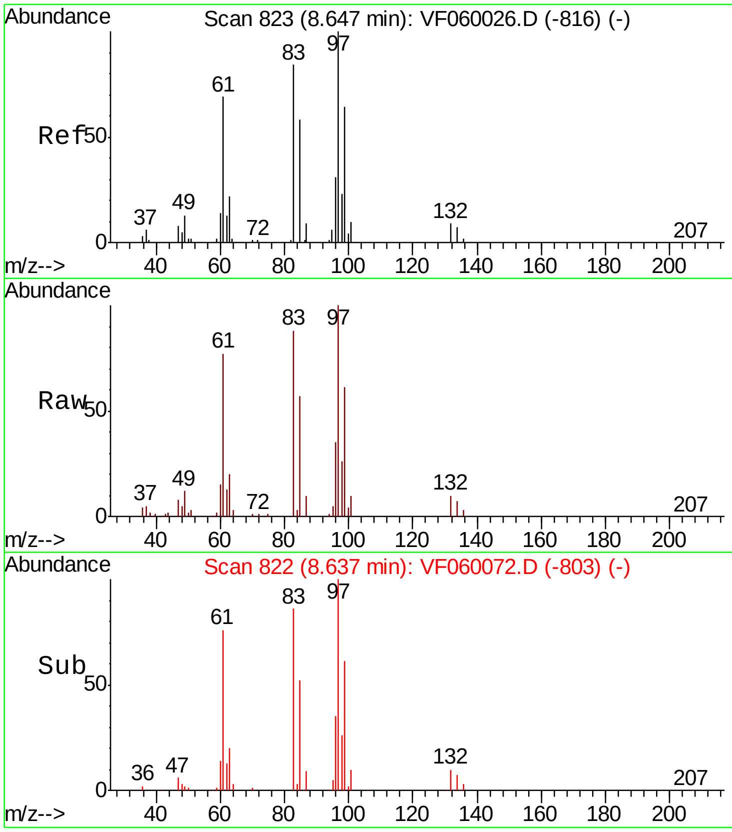


#54
cis-1,3-Dichloropropene
Concen: 50.82 ug/l
RT: 7.45 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 75 Resp: 147809

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	37.0
39	67.4	54.6	81.8





#55
1,1,2-Trichloroethane
Concen: 57.42 ug/l
RT: 8.64 min Scan# 822
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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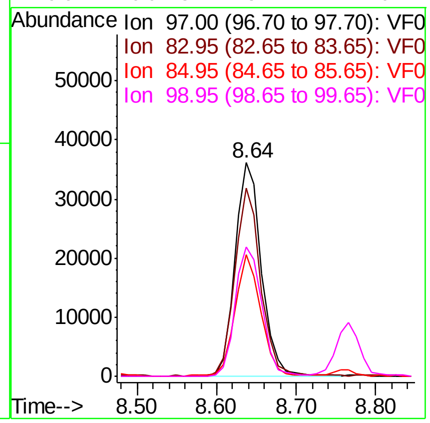
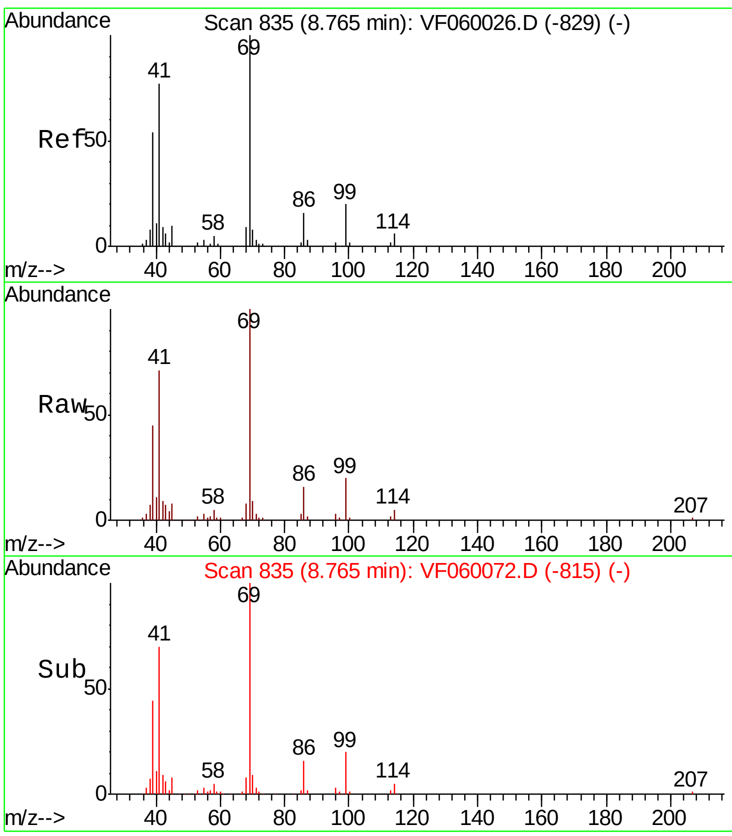
Tgt Ion: 97 Resp: 83271

Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.4	101.2
85	56.9	46.2	69.2
99	60.5	51.1	76.7

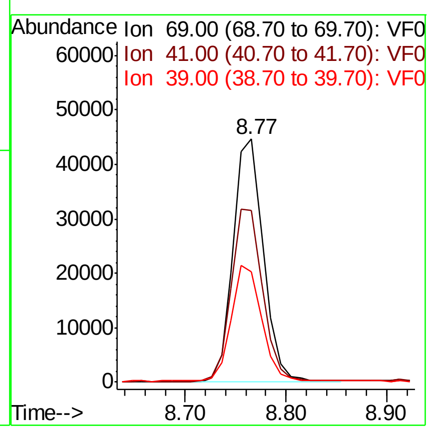


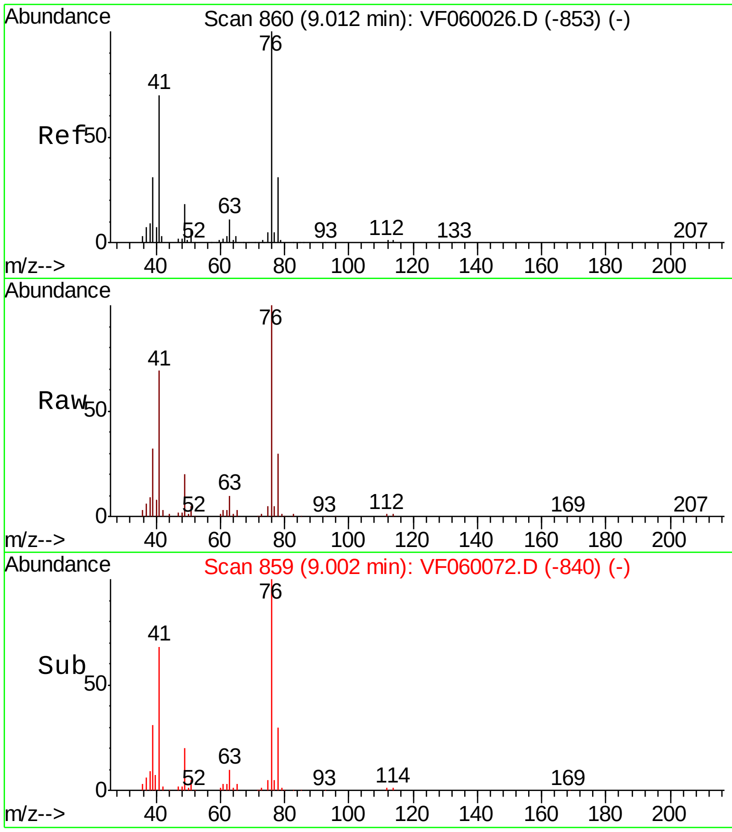


#56
Ethyl methacrylate
Concen: 53.53 ug/l
RT: 8.77 min Scan# 835
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 69 Resp: 93966

Ion	Ratio	Lower	Upper
69	100		
41	70.6	61.6	92.4
39	45.3	43.9	65.9





#57
1,3-Dichloropropane
Concen: 53.27 ug/l
RT: 9.00 min Scan# 859
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 76 Resp: 135794

Ion	Ratio	Lower	Upper
76	100		
78	30.1	25.2	37.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
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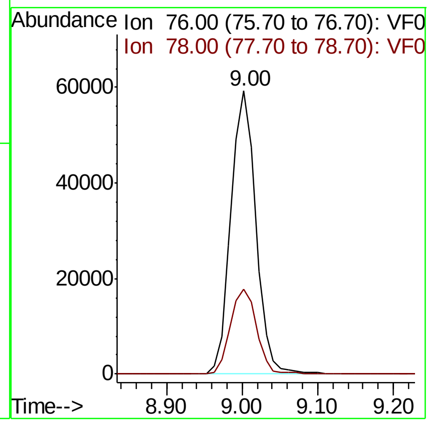
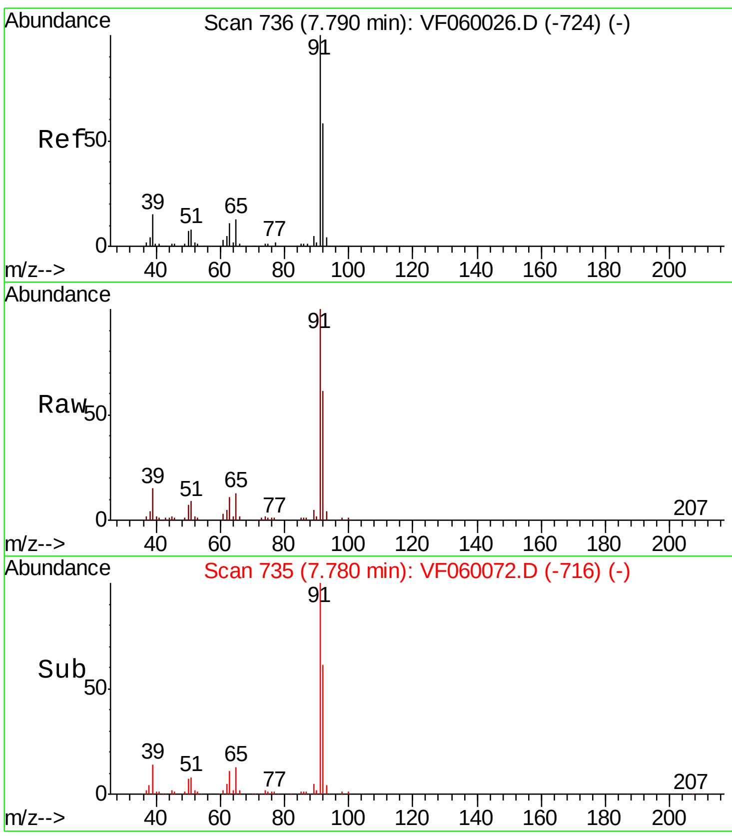
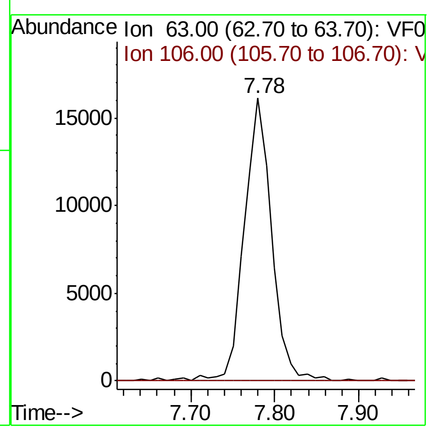


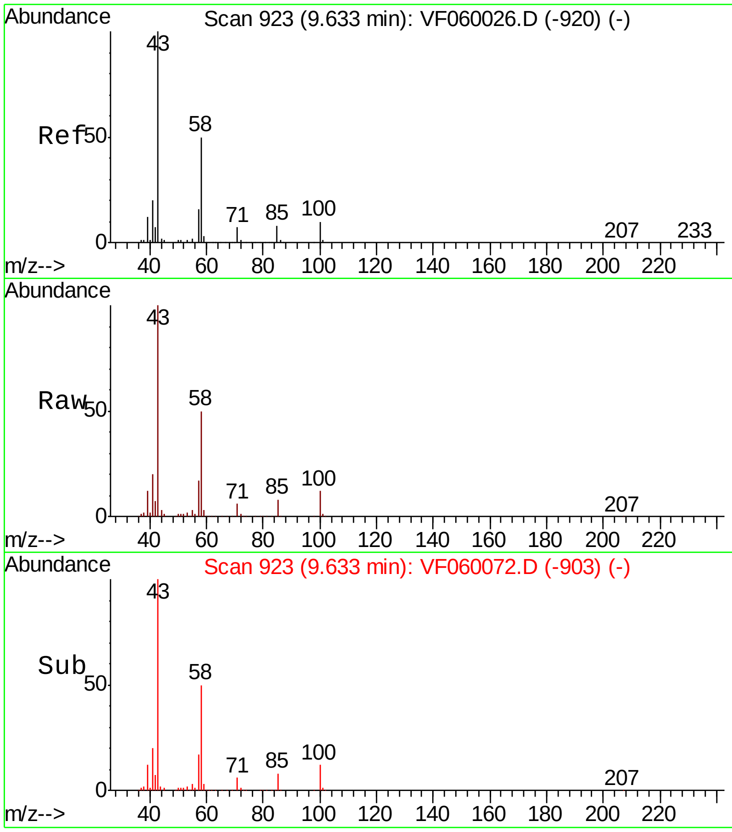


#58
2-Chloroethyl Vinyl ether
Concen: 262.46 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 63 Resp: 36571

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





#59
2-Hexanone
Concen: 264.56 ug/l
RT: 9.63 min Scan# 923
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 43 Resp: 342461

Ion	Ratio	Lower	Upper
43	100		
58	49.7	23.4	70.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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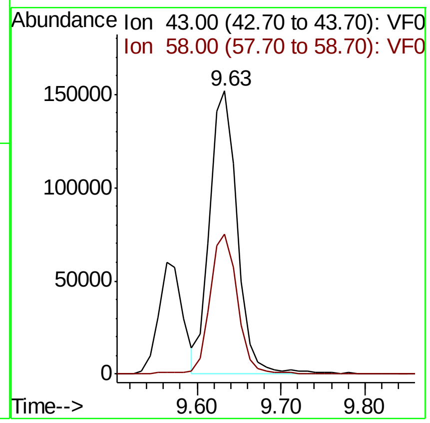
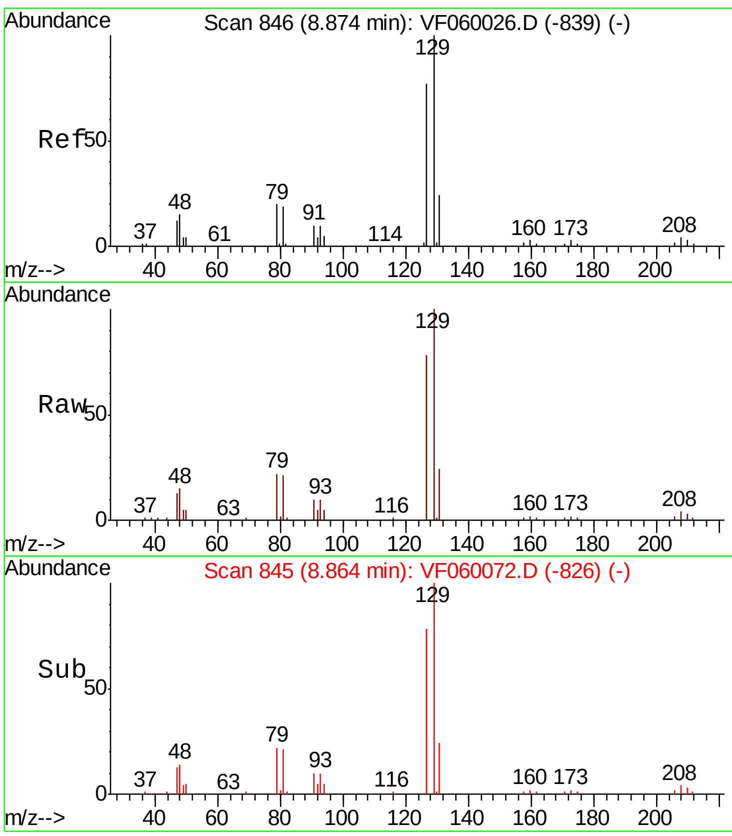
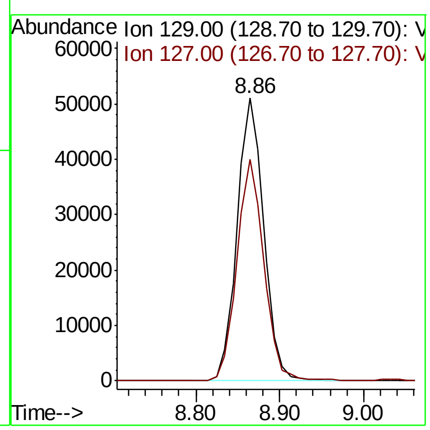


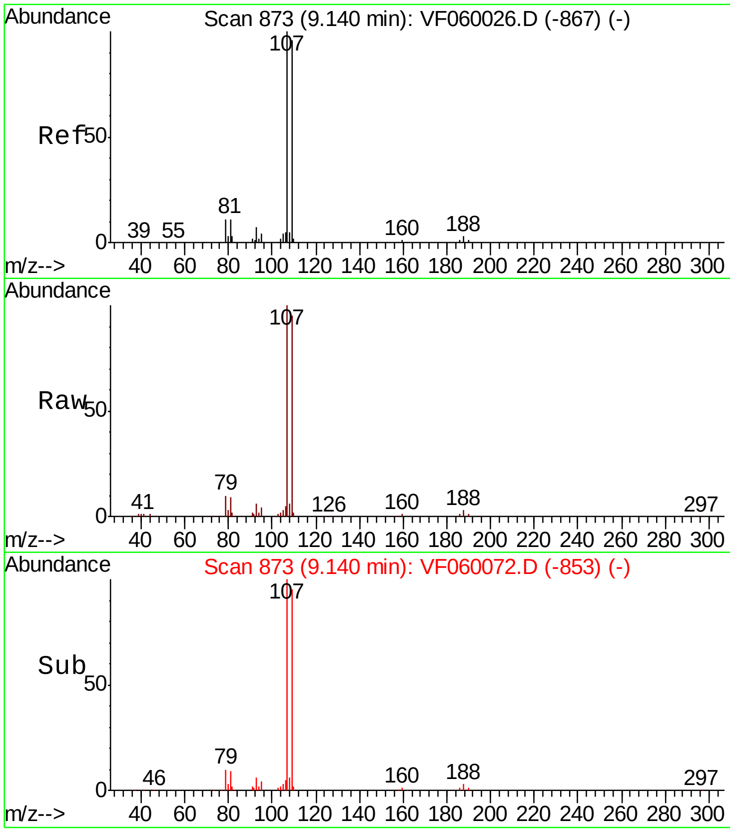


#60
Dibromochloromethane
Concen: 52.59 ug/l
RT: 8.86 min Scan# 845
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion:129 Resp: 112580

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.6	115.8





#61
1,2-Dibromoethane
Concen: 53.14 ug/l
RT: 9.14 min Scan# 873
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Tgt Ion:107 Resp: 90517

Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.5	114.7

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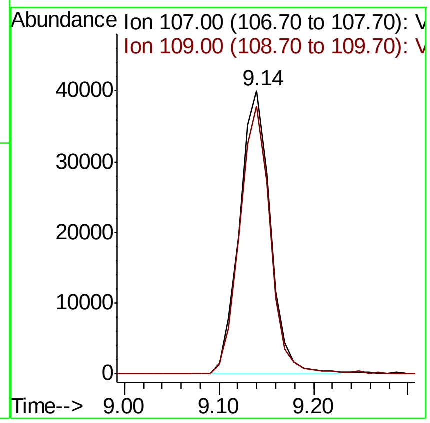
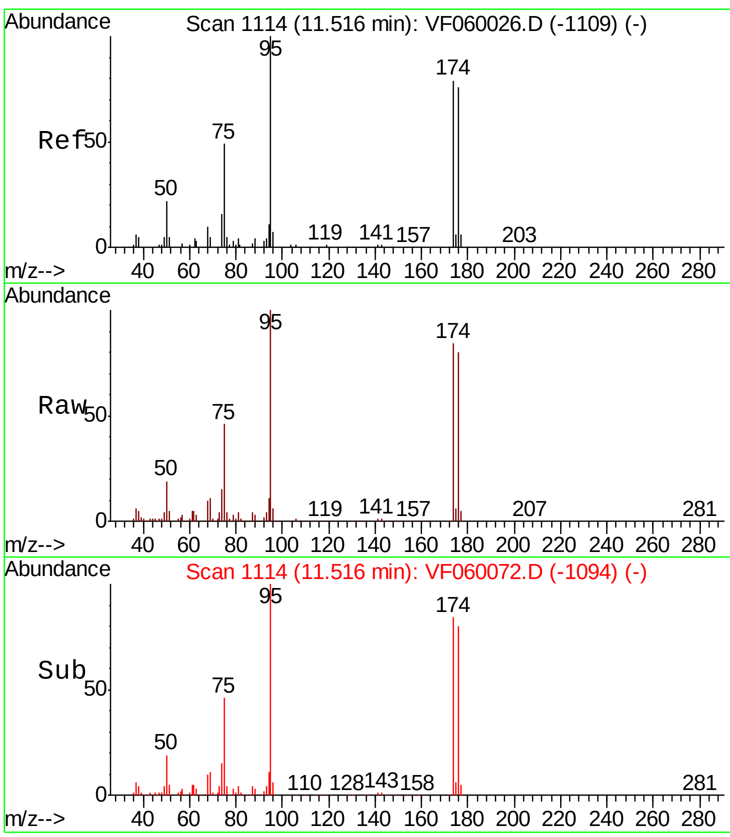
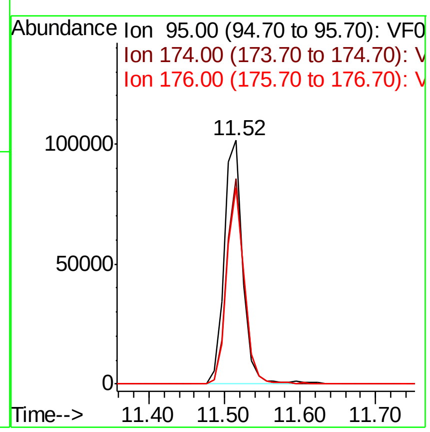


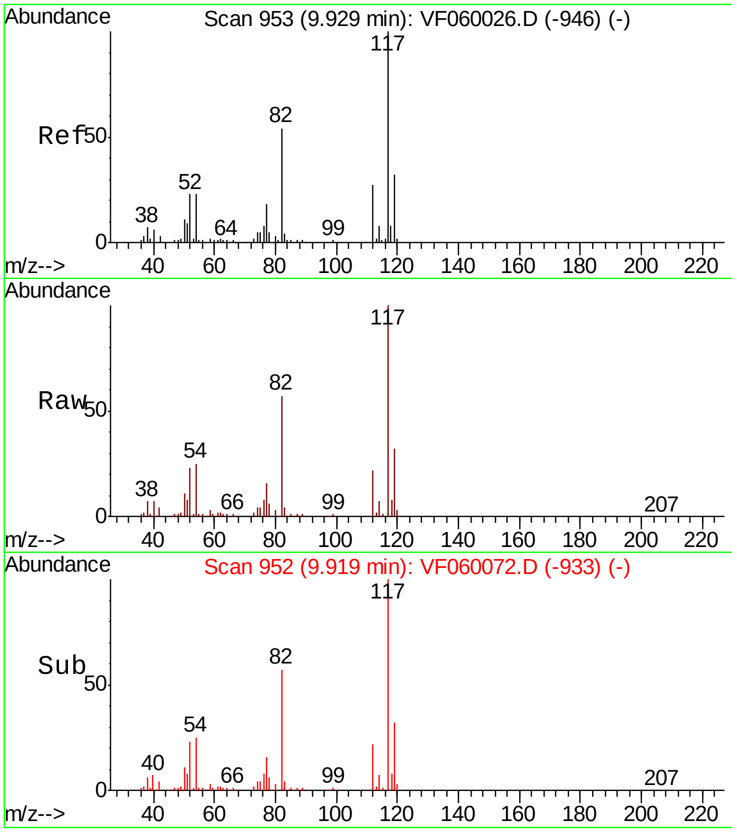


#62
4-Bromofluorobenzene
Concen: 56.77 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 95 Resp: 175364

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	158.4
176	80.4	0.0	153.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:117 Resp: 282335

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.6	65.4
119	32.2	25.6	38.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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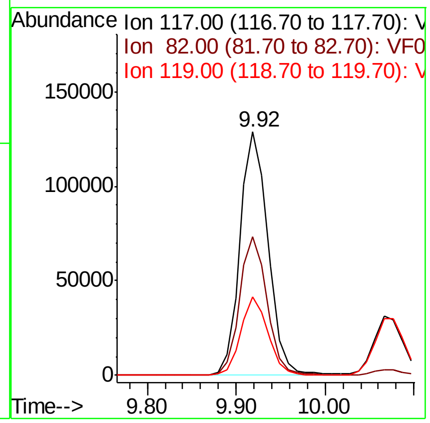
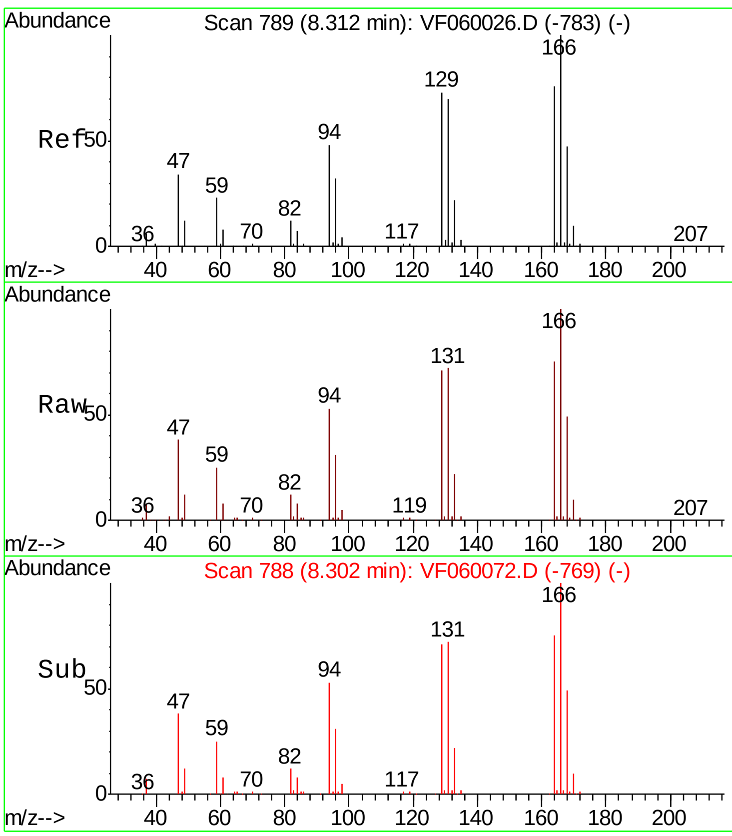
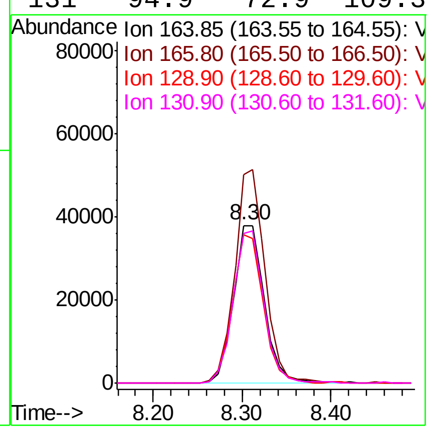


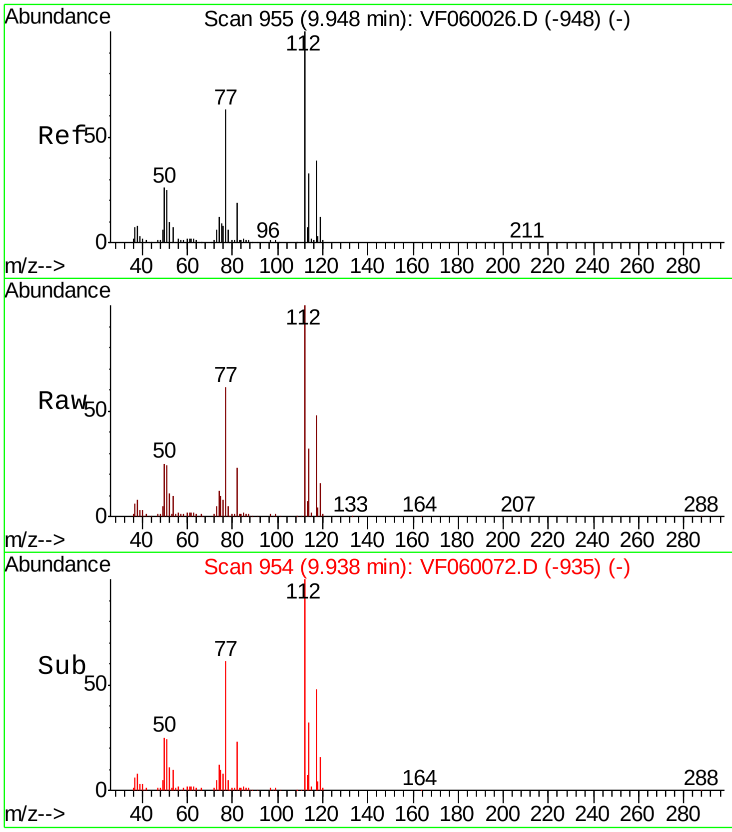


#64
Tetrachloroethene
Concen: 48.06 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:164 Resp: 91405

Ion	Ratio	Lower	Upper
164	100		
166	132.5	104.7	157.1
129	94.4	77.0	115.4
131	94.9	72.9	109.3





#65
Chlorobenzene
Concen: 49.41 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:112 Resp: 263424

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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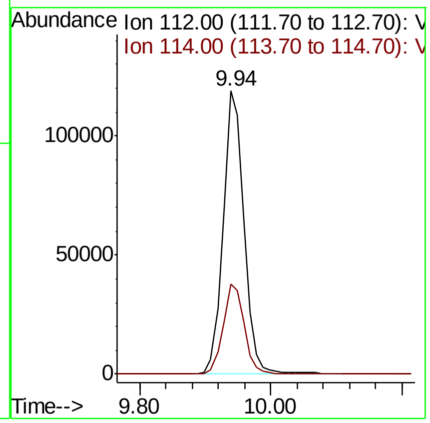
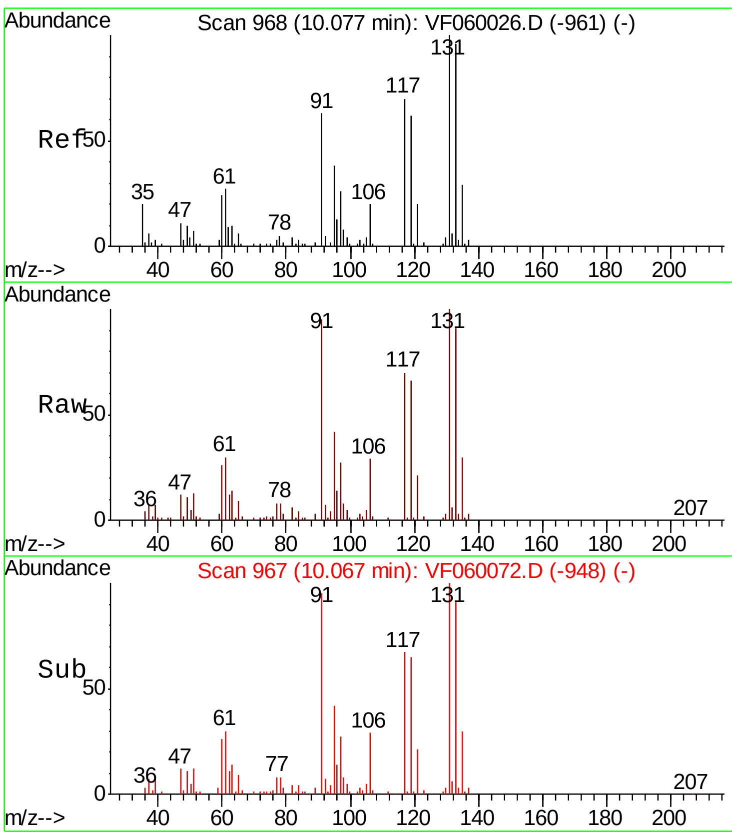
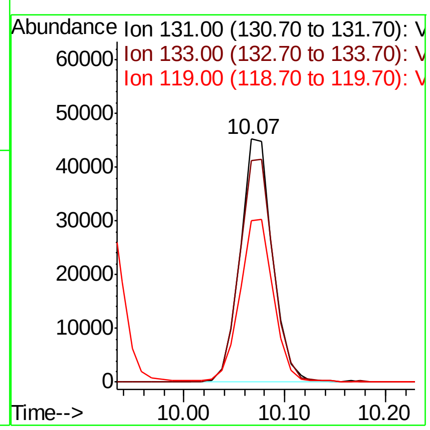


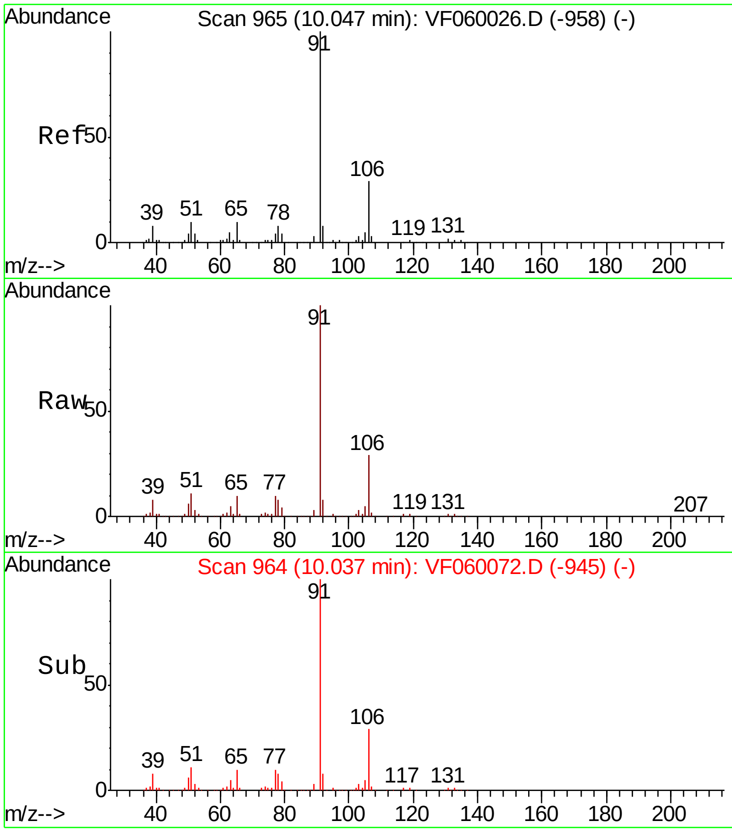


#66
1,1,1,2-Tetrachloroethane
Concen: 50.20 ug/l
RT: 10.07 min Scan# 967
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:131 Resp: 101503

Ion	Ratio	Lower	Upper
131	100		
133	91.3	48.2	144.6
119	66.5	31.4	94.2





#67
Ethyl Benzene
Concen: 50.41 ug/l
RT: 10.04 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 91 Resp: 463690

Ion	Ratio	Lower	Upper
91	100		
106	29.0	23.6	35.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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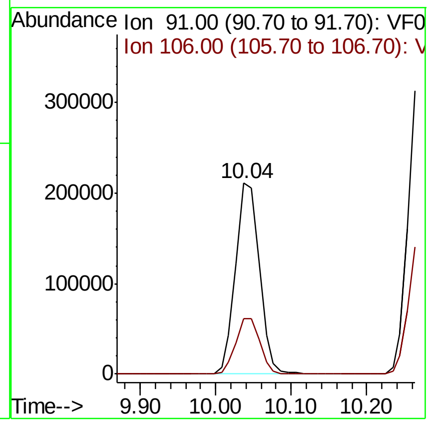
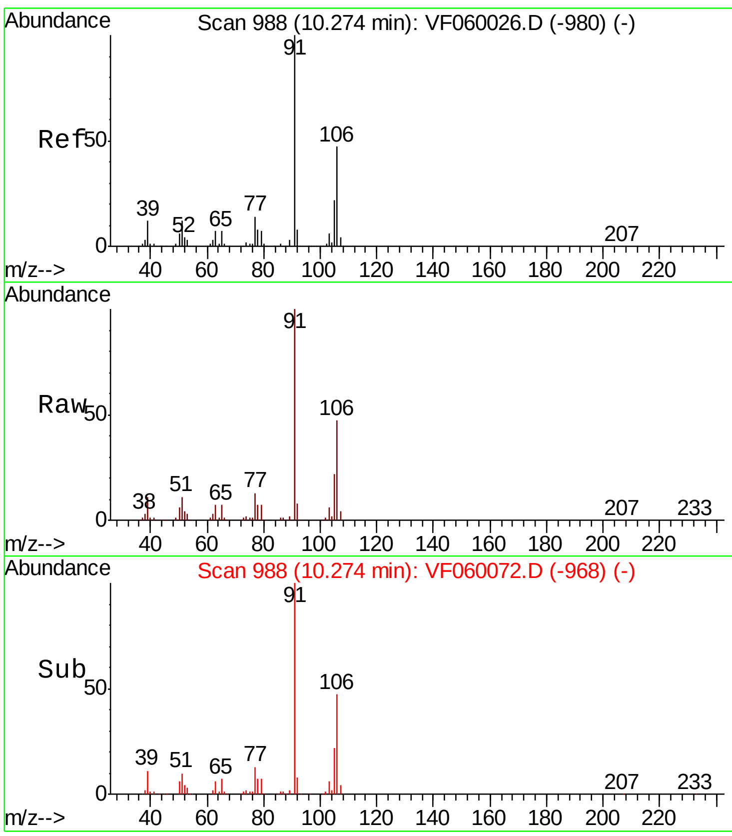
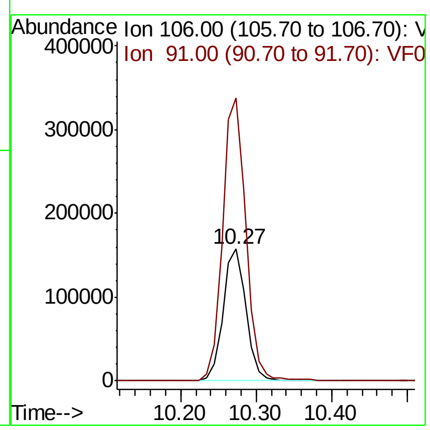


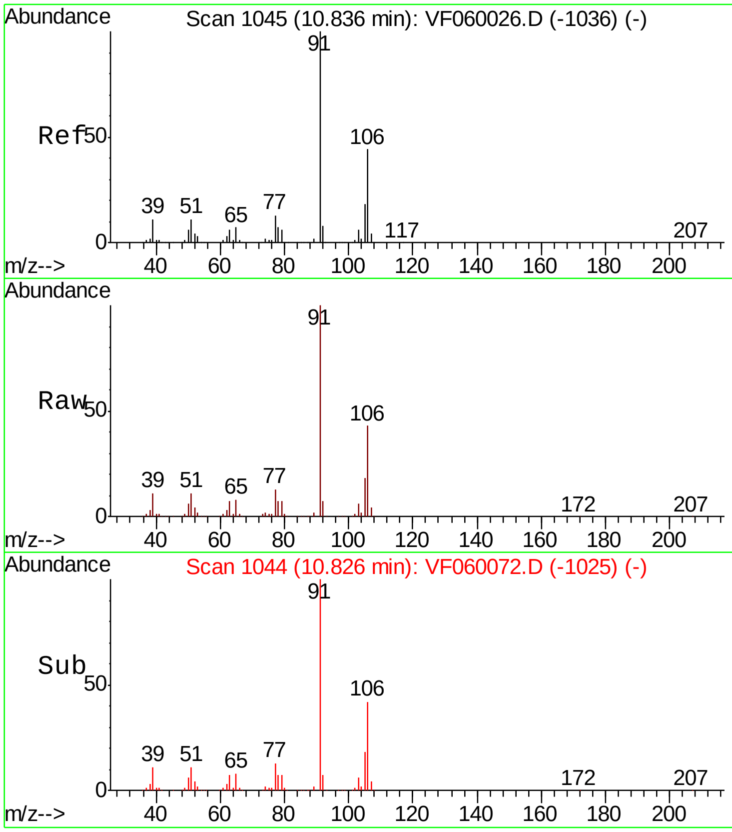


#68
m/p-Xylenes
Concen: 112.31 ug/l
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:106 Resp: 333544

Ion	Ratio	Lower	Upper
106	100		
91	214.3	171.8	257.8





#69
o-Xylene
Concen: 50.35 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 181456

Ion	Ratio	Lower	Upper
106	100		
91	235.3	112.5	337.5

Manual Integrations APPROVED
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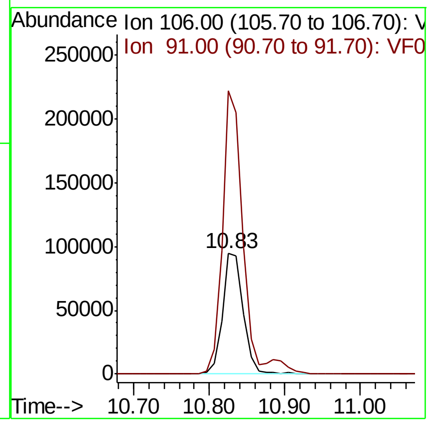
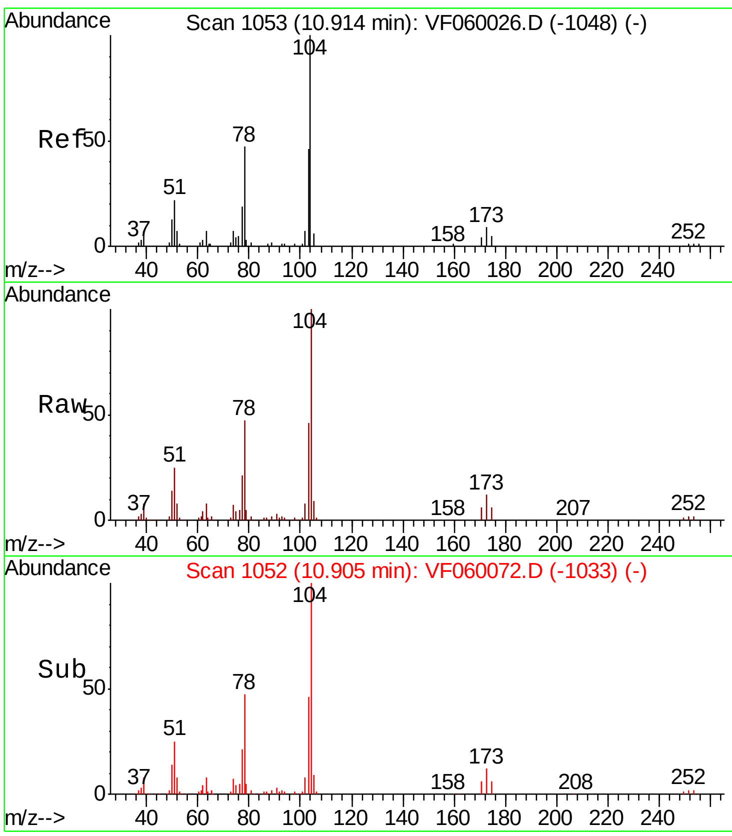
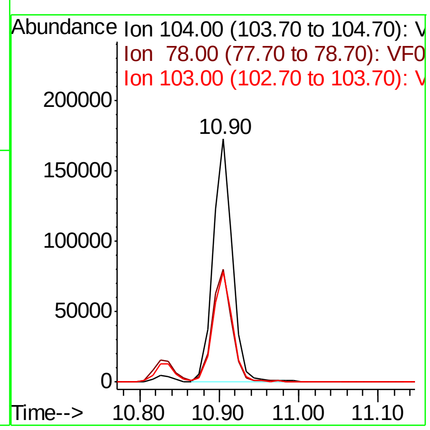


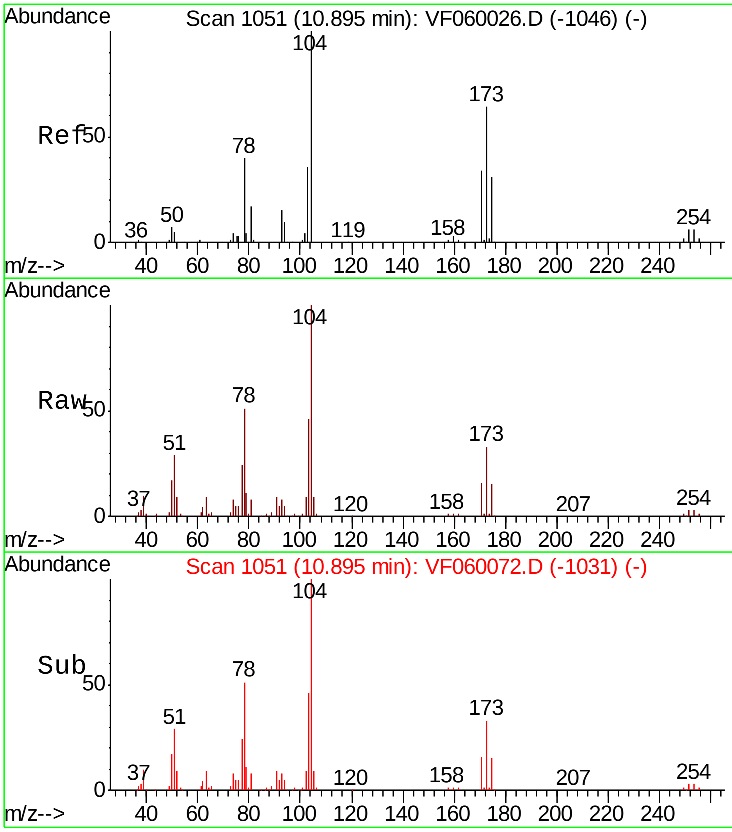


#70
Styrene
Concen: 53.22 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:104 Resp: 294276

Ion	Ratio	Lower	Upper
104	100		
78	46.6	38.0	57.0
103	45.6	37.6	56.4





#71
Bromoform
Concen: 54.62 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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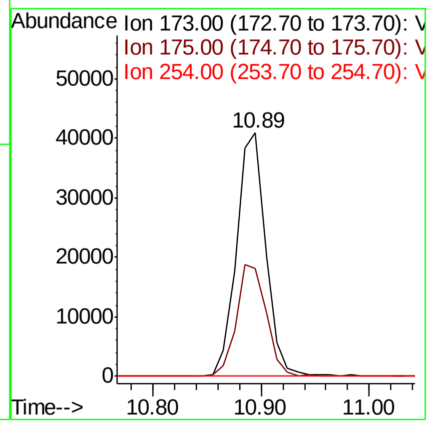
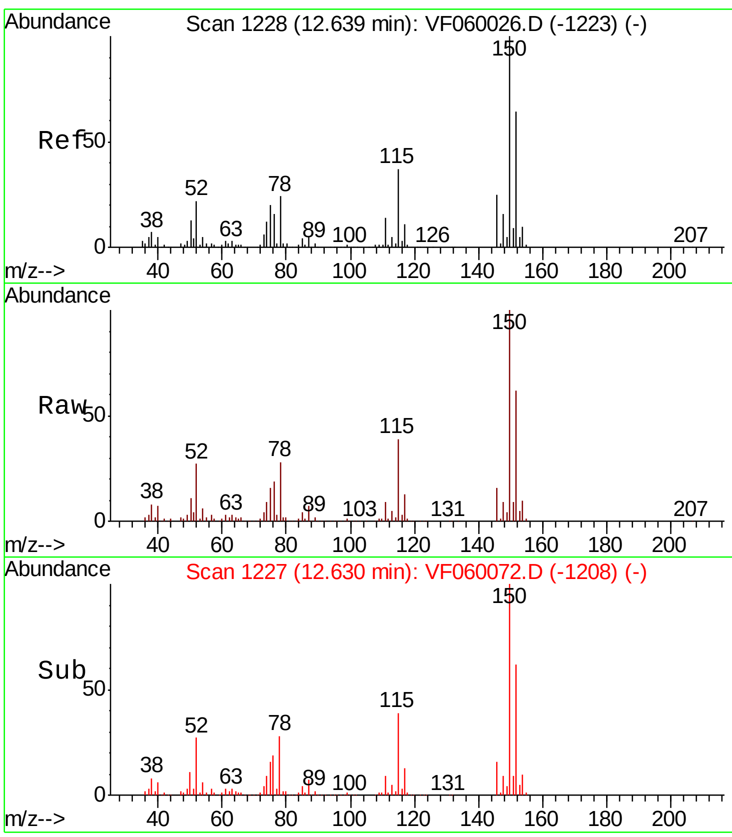
Tgt Ion:173 Resp: 77064

Ion	Ratio	Lower	Upper
173	100		
175	44.3	24.7	74.1
254	0.0	0.0	0.0

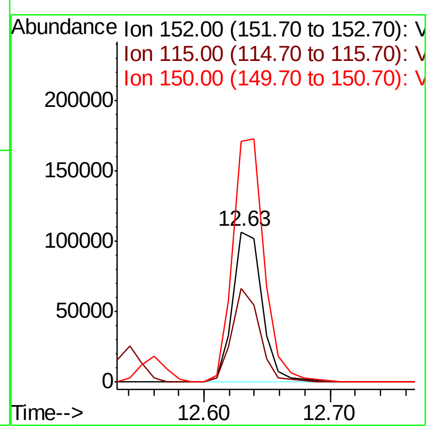


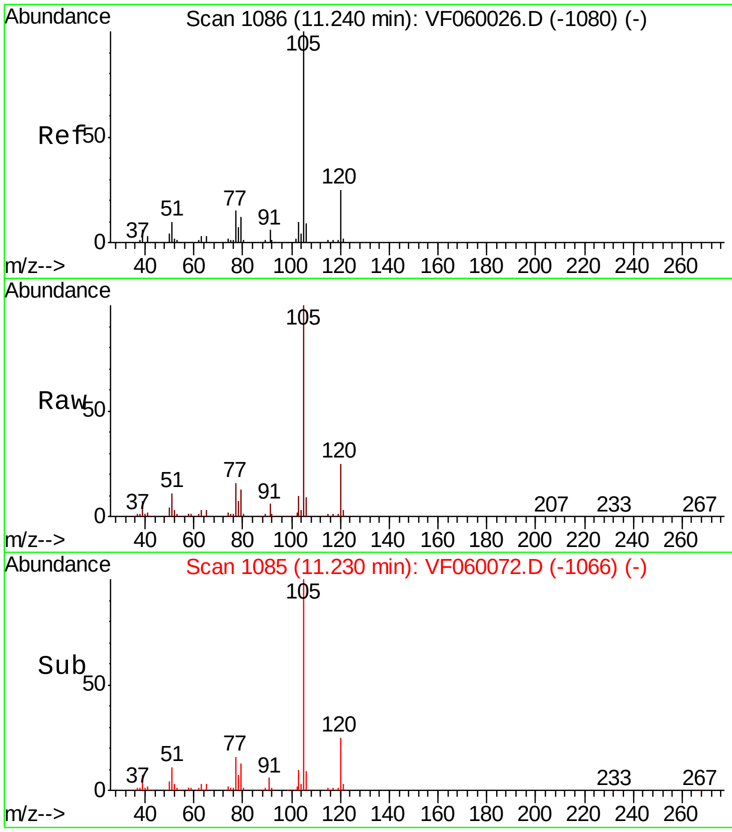


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:152 Resp: 172954

Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.6	85.9
150	160.1	0.0	312.0





#73
Isopropylbenzene
Concen: 51.43 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:105 Resp: 535376

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.7	38.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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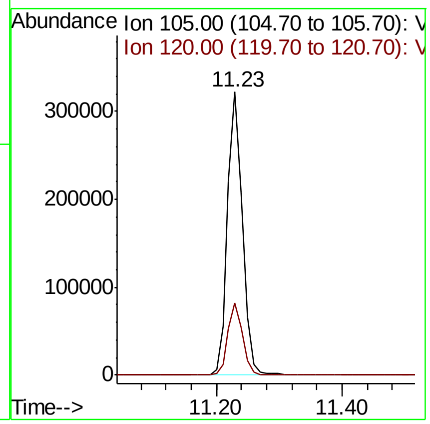
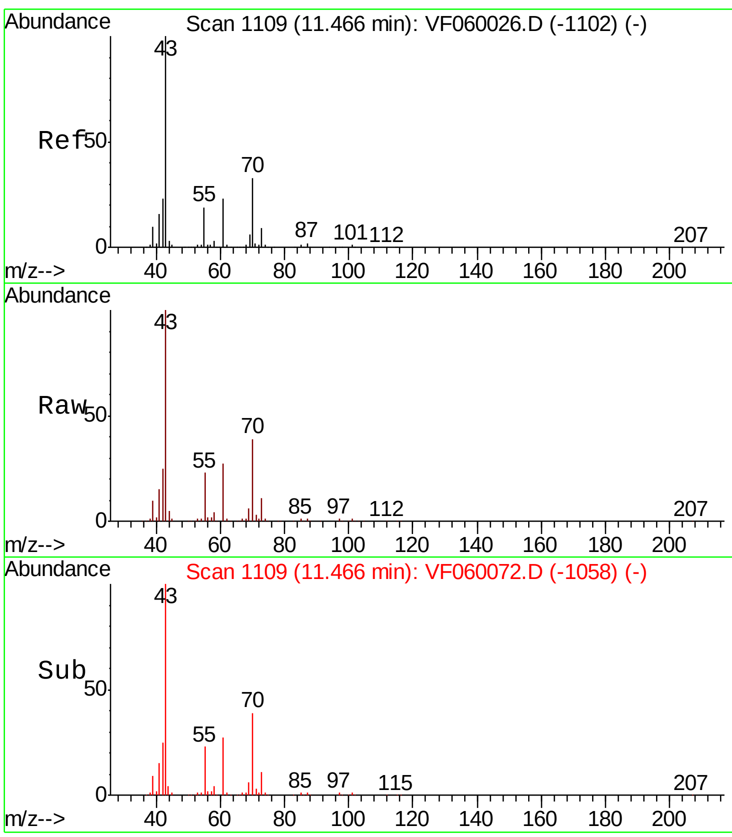
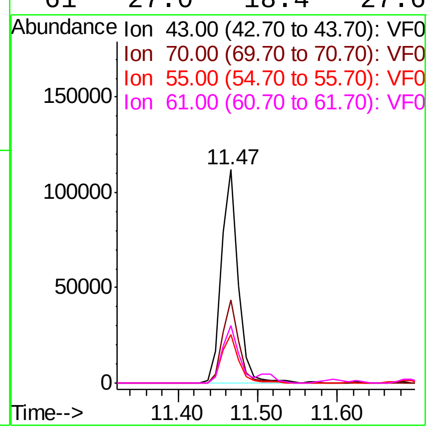


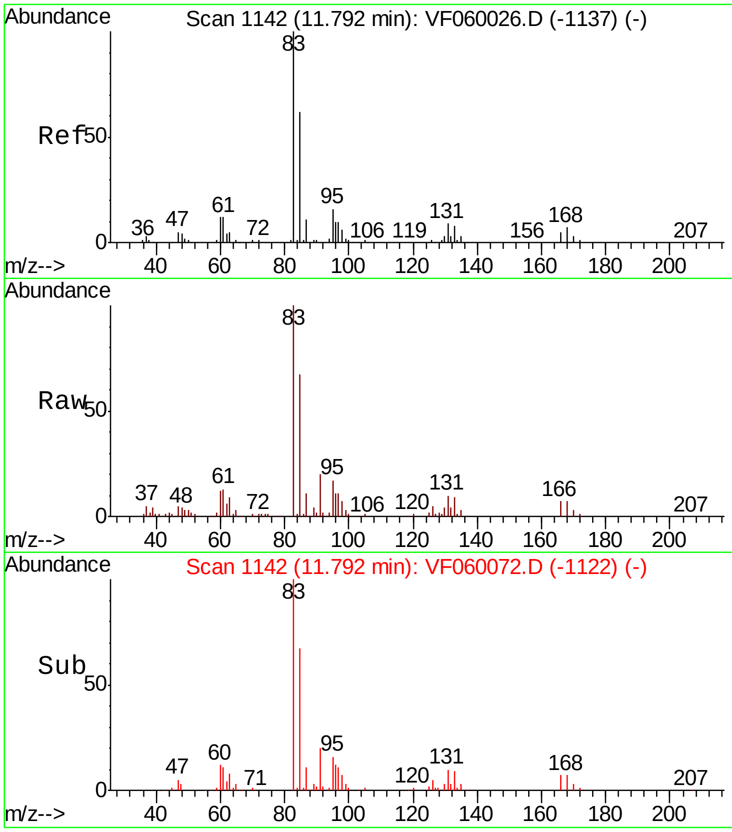


#74
N-amyl acetate
Concen: 52.40 ug/l
RT: 11.47 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 43 Resp: 169556

Ion	Ratio	Lower	Upper
43	100		
70	38.7	26.4	39.6
55	22.8	15.0	22.4#
61	27.0	18.4	27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 55.04 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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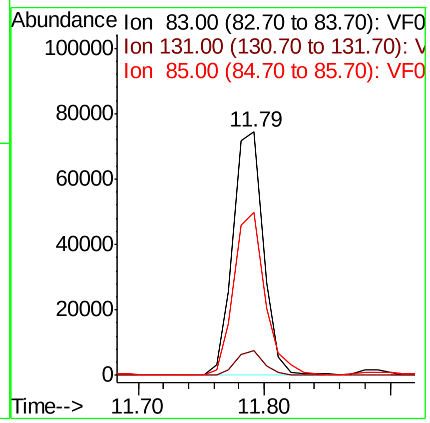
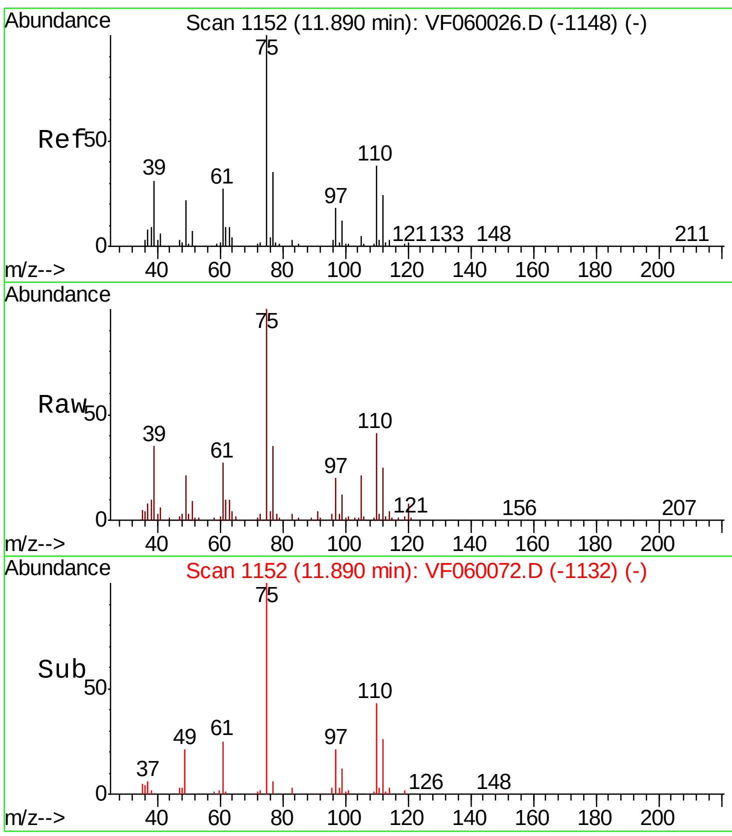
Tgt Ion: 83 Resp: 125134

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.5	13.7
85	66.9	31.3	93.9

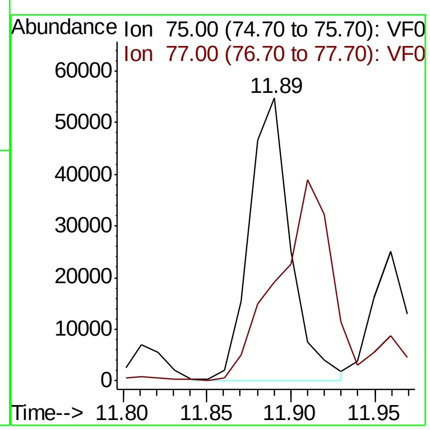


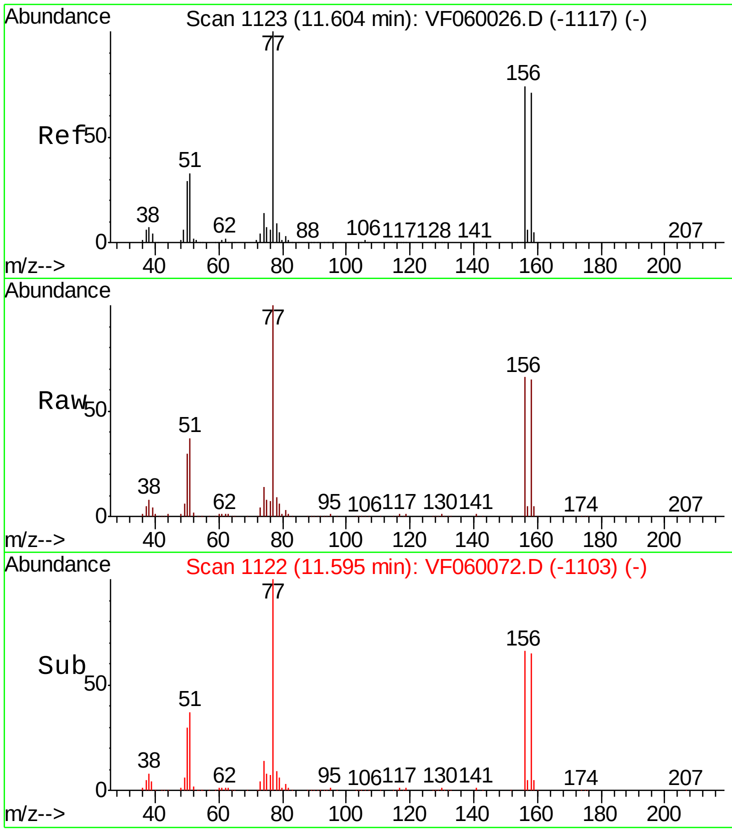


#76
1,2,3-Trichloropropane
Concen: 52.31 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 75 Resp: 92235

Ion	Ratio	Lower	Upper
75	100		
77	34.8	17.3	52.0





#77
Bromobenzene
Concen: 47.51 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:156 Resp: 134506

Ion	Ratio	Lower	Upper
156	100		
77	151.2	68.0	204.0
158	98.8	48.4	145.3

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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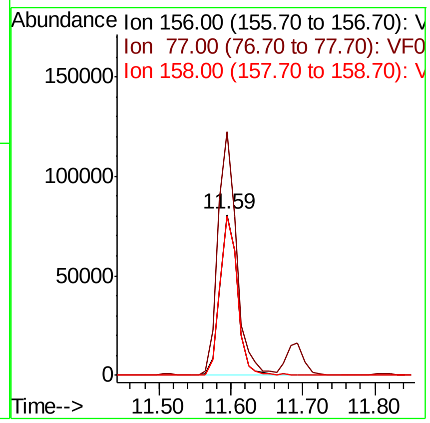
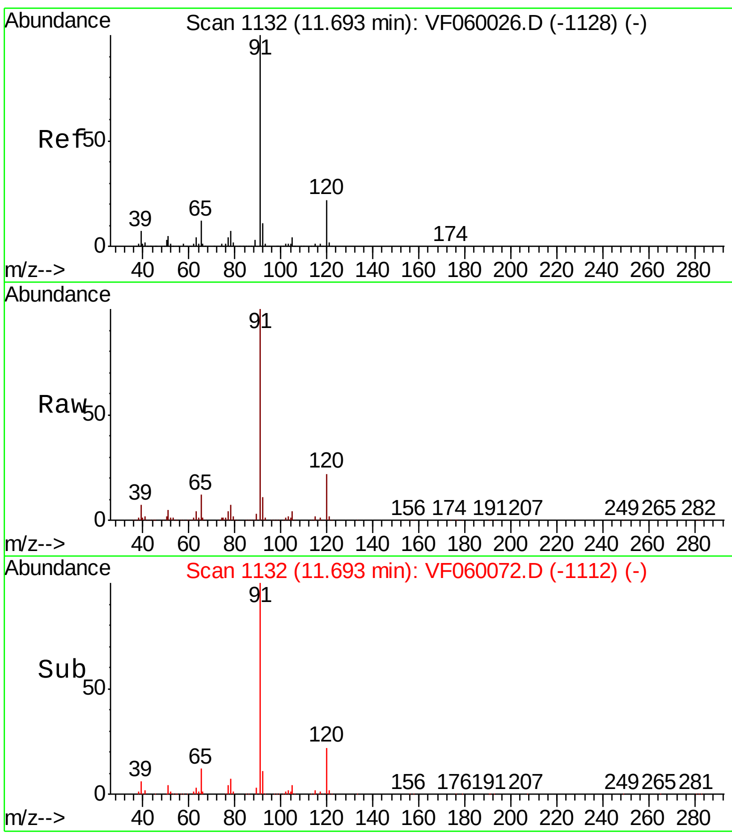
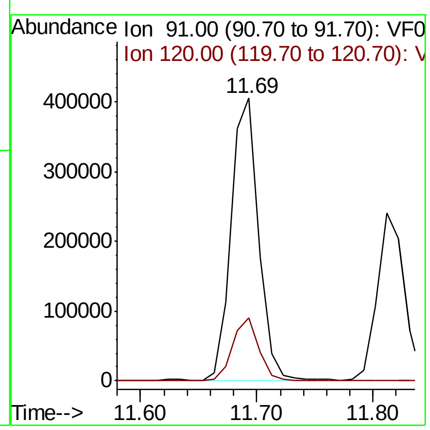


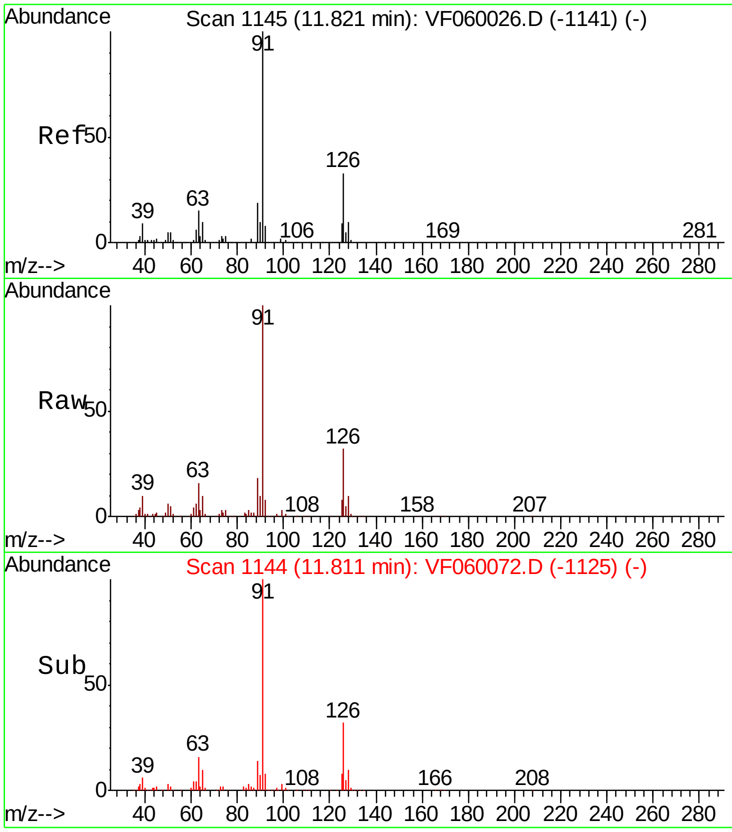


#78
n-propylbenzene
Concen: 51.62 ug/l
RT: 11.69 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 91 Resp: 663263

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.9	32.7





#79
2-Chlorotoluene
Concen: 50.85 ug/l
RT: 11.81 min   Scan# 1144
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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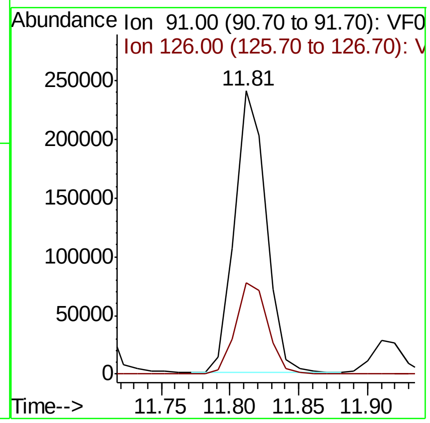
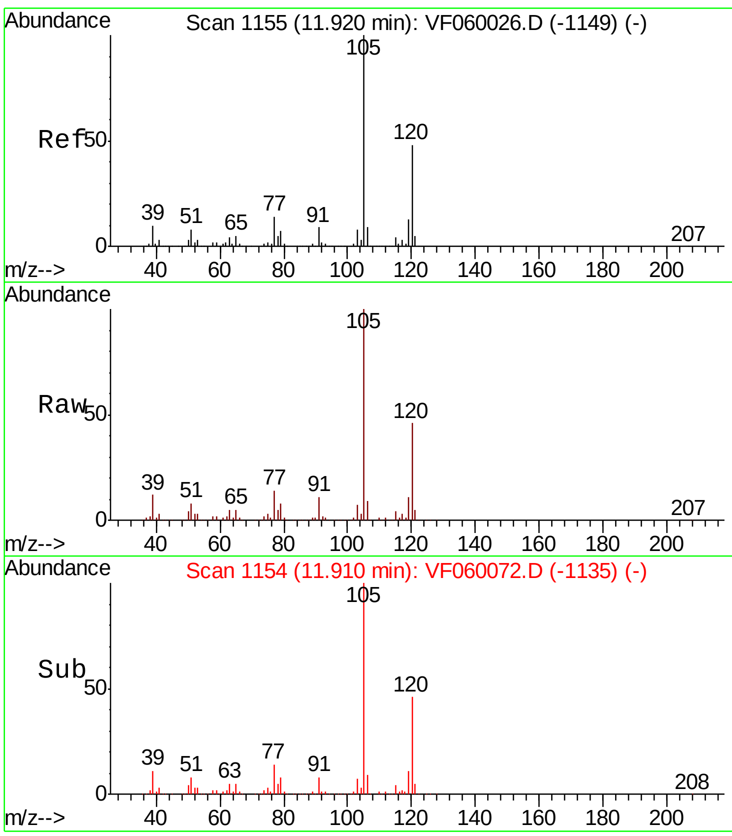
Tgt Ion: 91 Resp: 384217

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.6	49.7

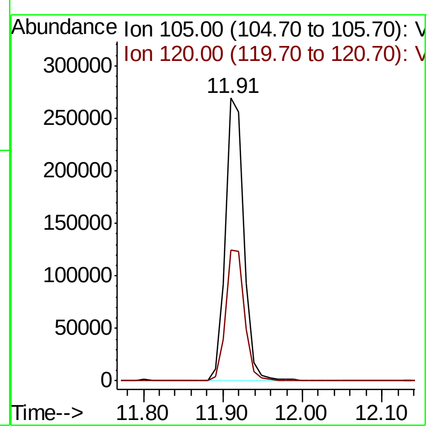


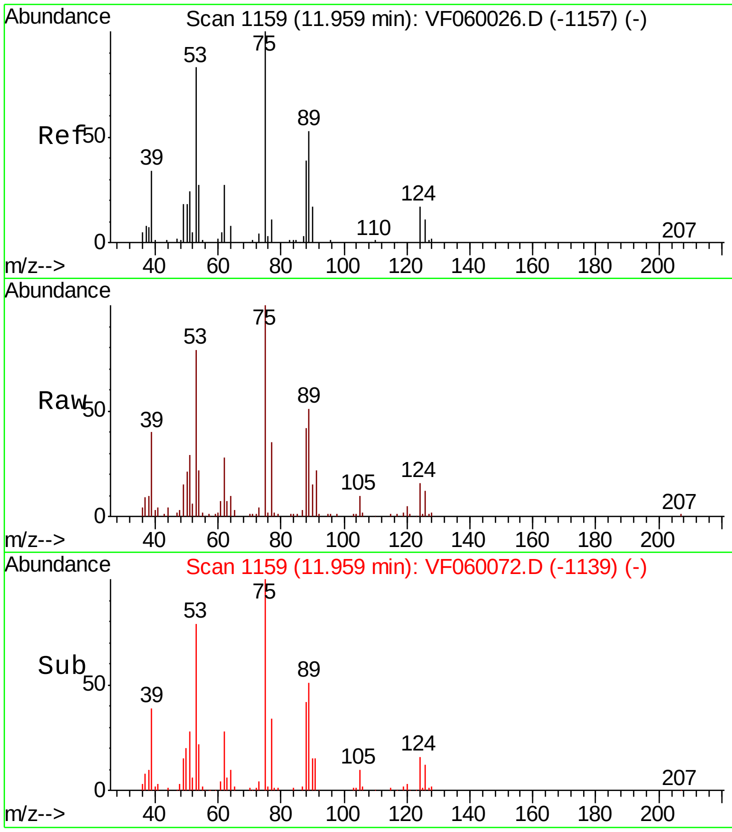


#80
1,3,5-Trimethylbenzene
Concen: 49.21 ug/l
RT: 11.91 min   Scan# 1154
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion:105 Resp: 446376

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 47.70 ug/l m
RT: 11.96 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 75 Resp: 38479

Ion	Ratio	Lower	Upper
75	100		
53	78.7	66.2	99.4
89	50.6	42.8	64.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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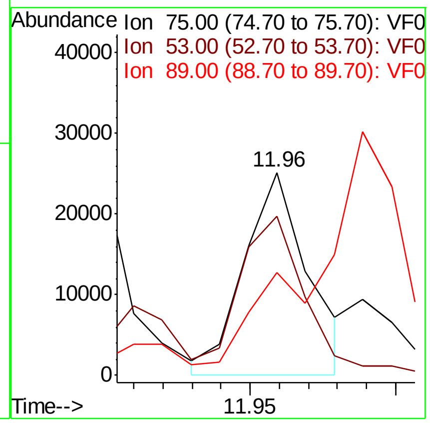
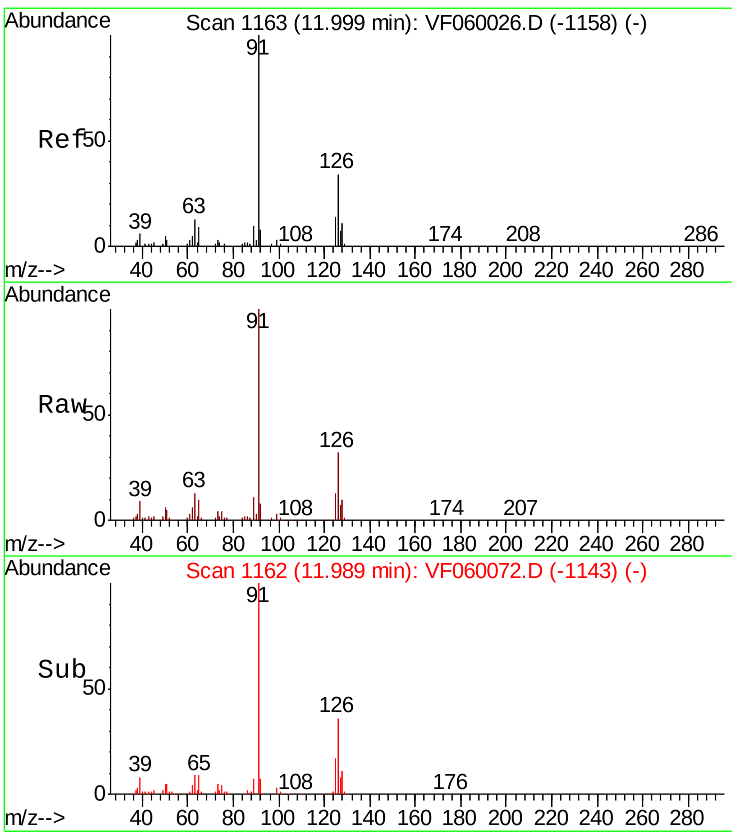
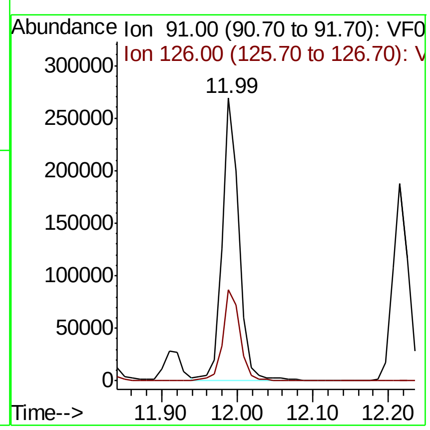


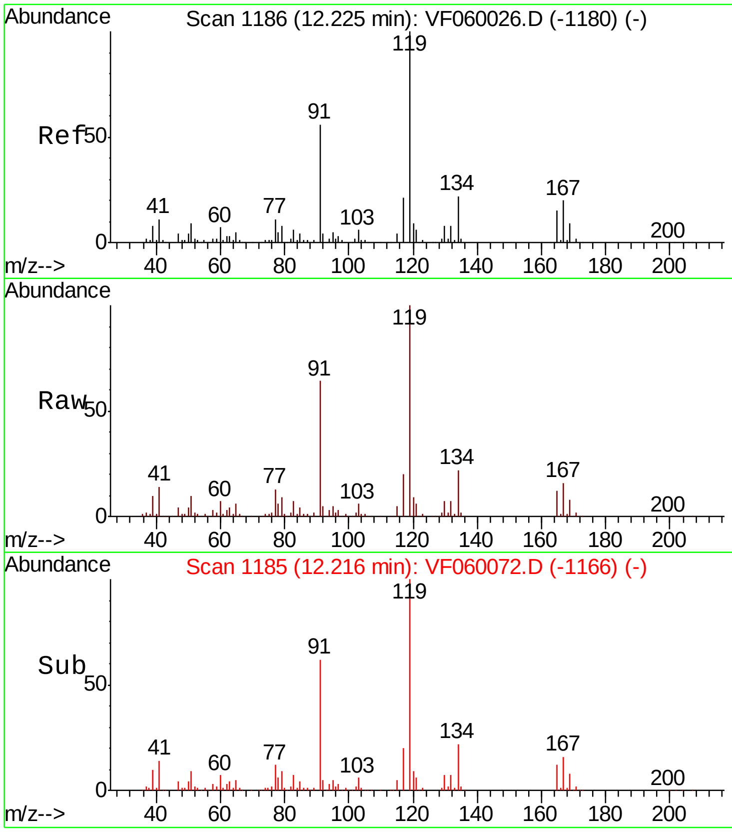


#82
4-Chlorotoluene
Concen: 51.18 ug/l
RT: 11.99 min Scan# 1162
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 91 Resp: 419830

Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.0	50.9





#83
tert-Butylbenzene
Concen: 50.15 ug/l
RT: 12.22 min   Scan# 1185
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion:119 Resp: 443689

Ion	Ratio	Lower	Upper
119	100		
91	63.6	28.1	84.3
134	22.2	11.1	33.3

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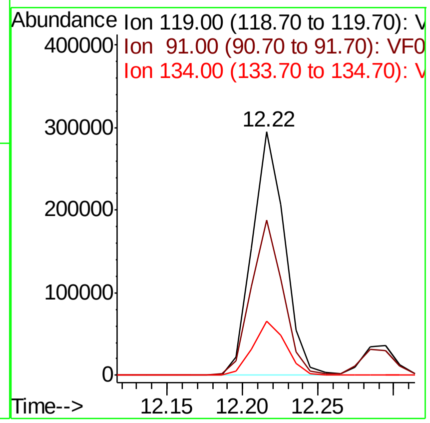
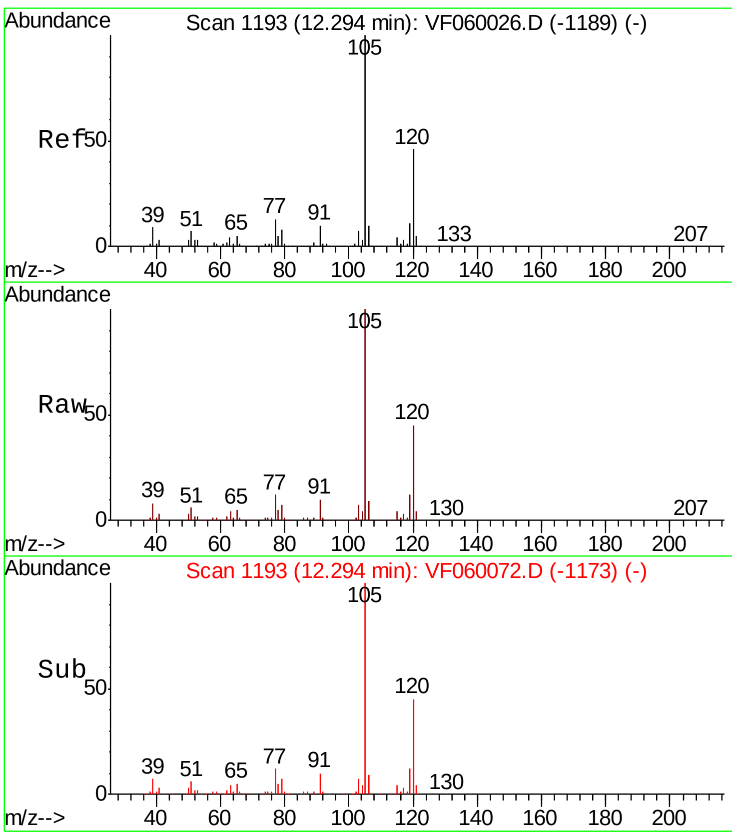
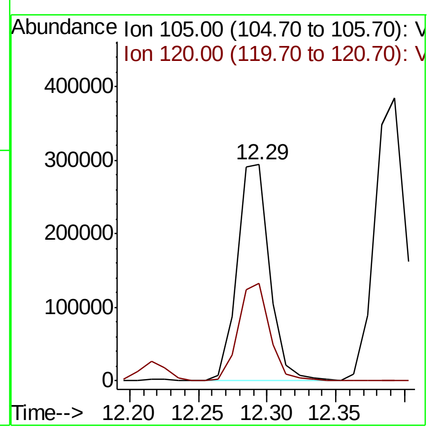


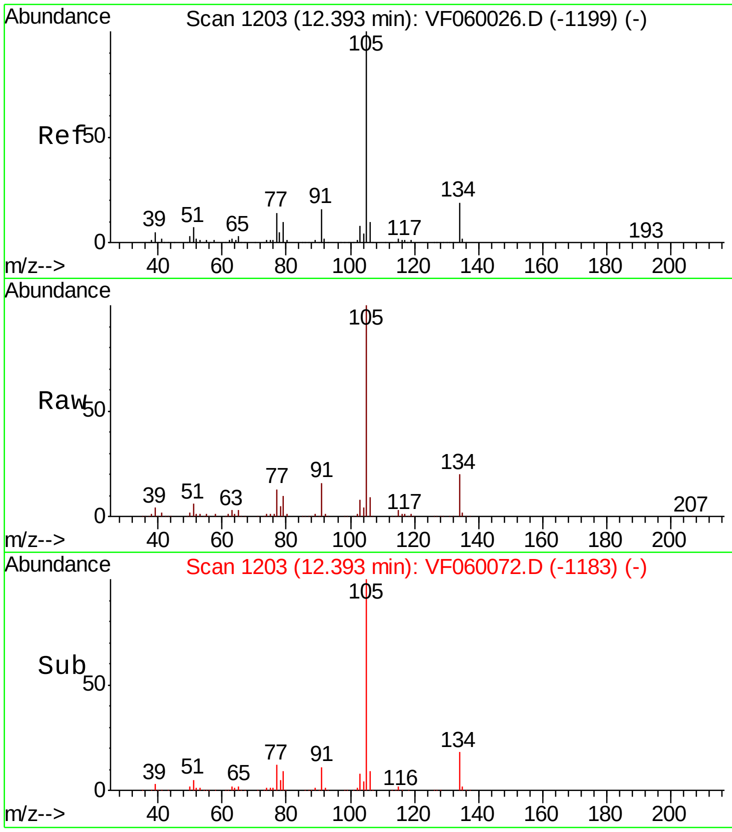


#84
1,2,4-Trimethylbenzene
Concen: 50.21 ug/l
RT: 12.29 min   Scan# 1193
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion:105 Resp: 484200

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.3	69.8

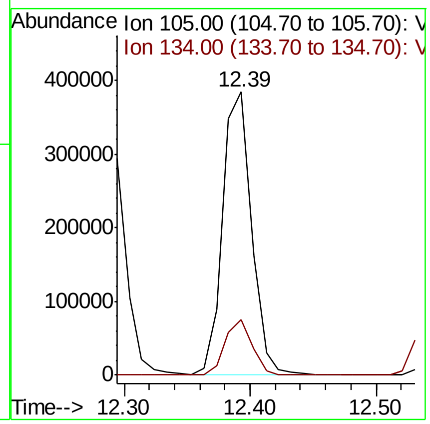




#85
sec-Butylbenzene
Concen: 49.65 ug/l
RT: 12.39 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:105 Resp: 611460

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.3	27.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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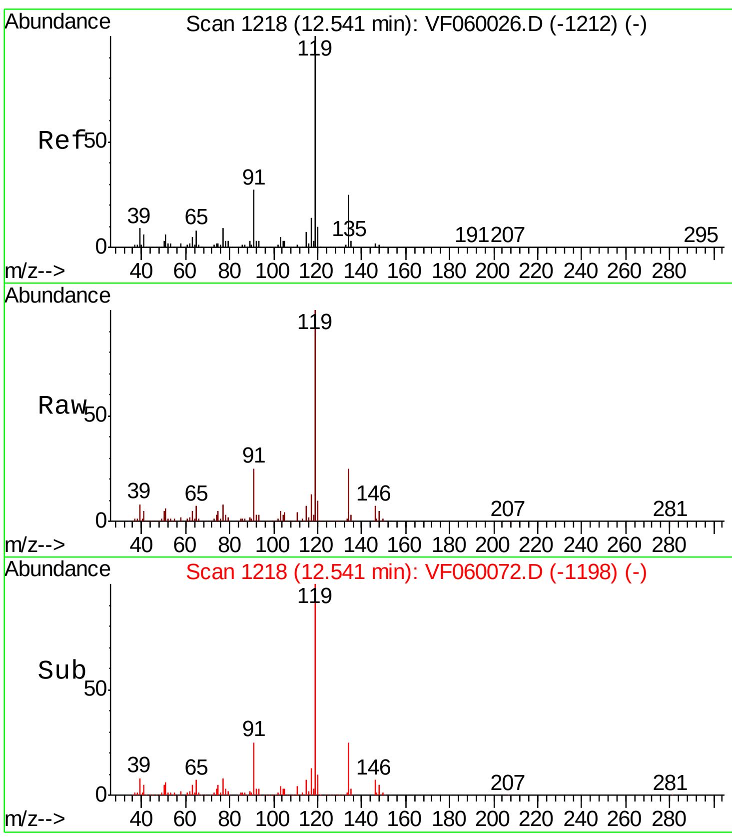
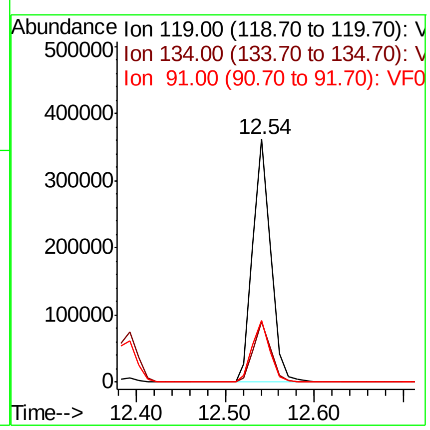
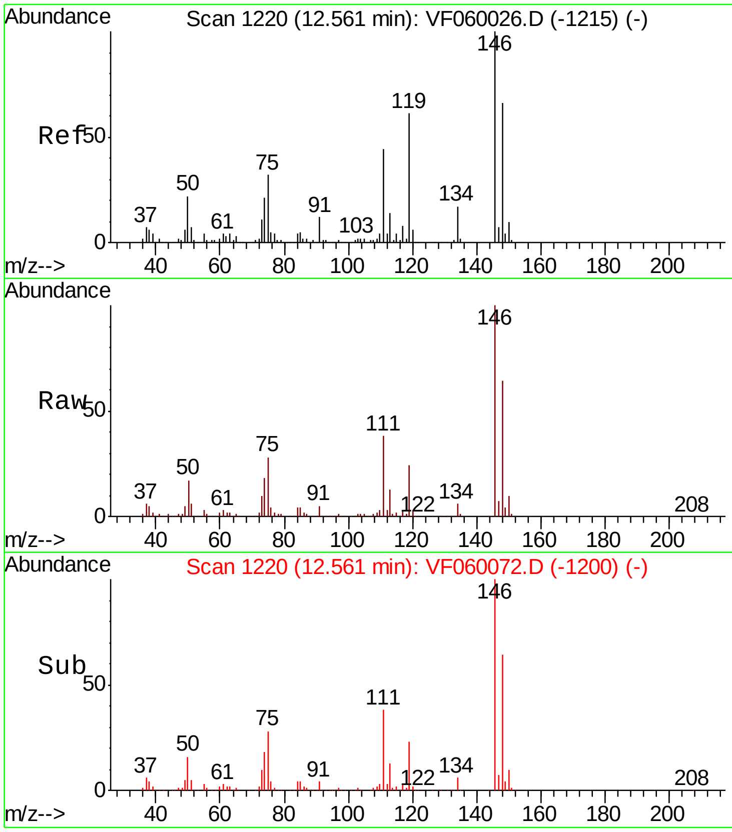


#86
p-Isopropyltoluene
Concen: 49.51 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:119 Resp: 505889

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.4	37.2
91	25.5	13.5	40.4





#87
1,3-Dichlorobenzene
Concen: 50.33 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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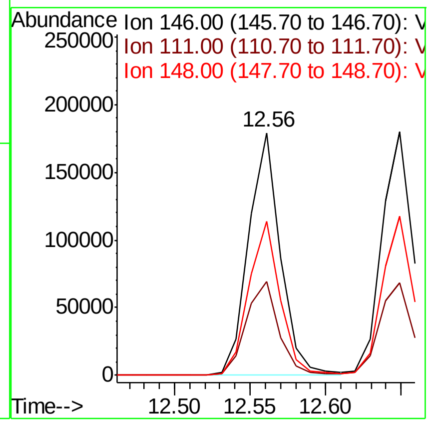
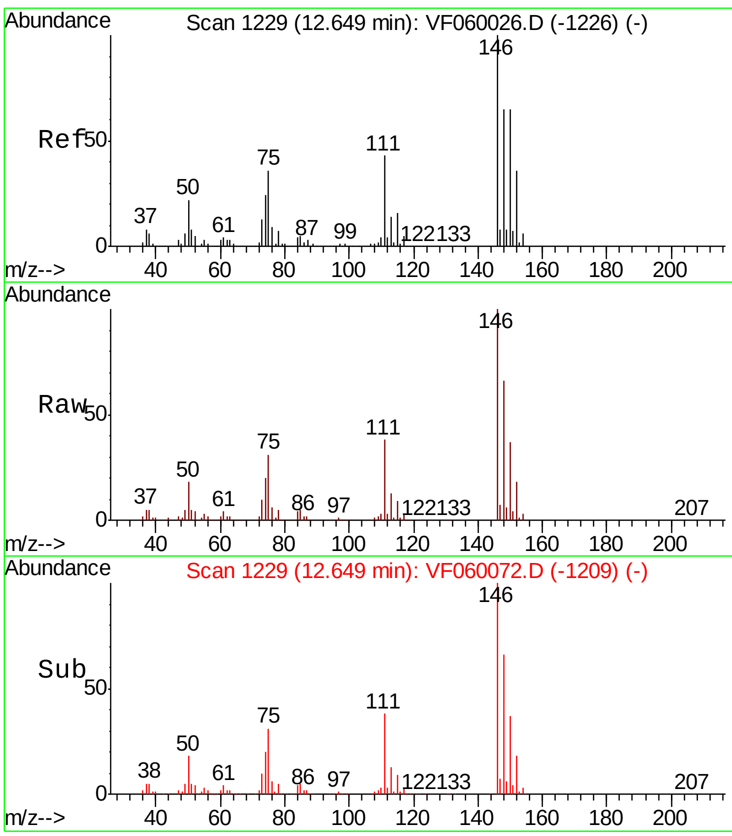
Tgt Ion:146 Resp: 263500

Ion	Ratio	Lower	Upper
146	100		
111	38.5	21.9	65.5
148	63.5	32.9	98.7

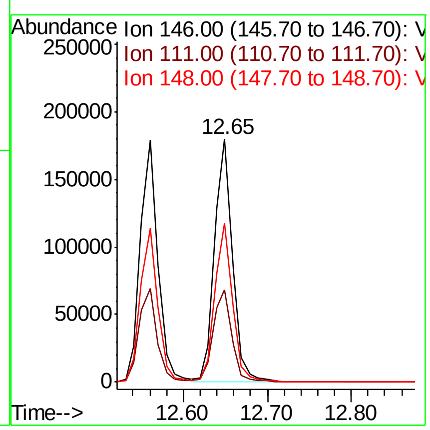


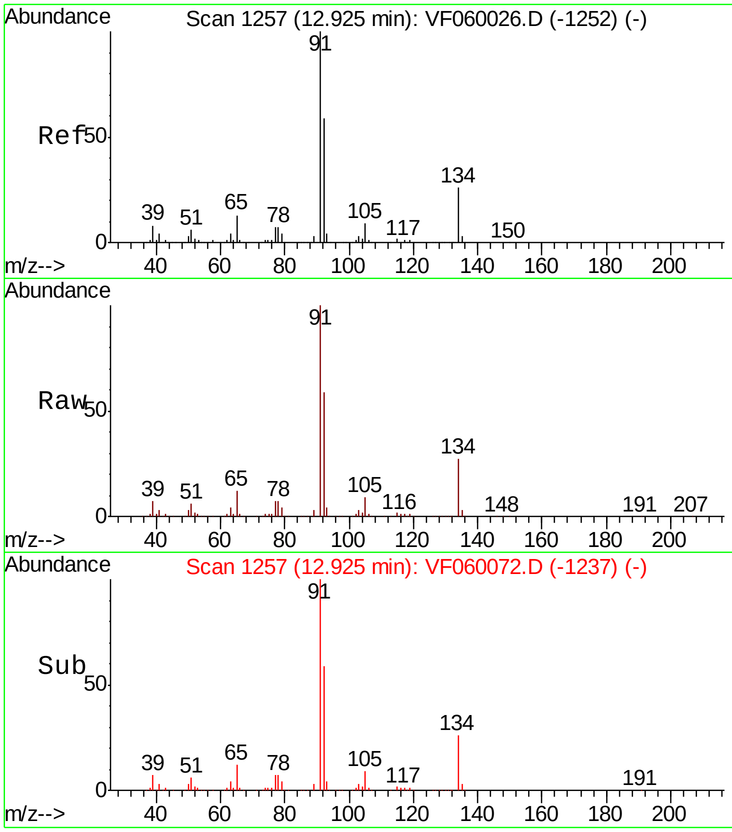


#88
1,4-Dichlorobenzene
Concen: 51.49 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:146 Resp: 267894

Ion	Ratio	Lower	Upper
146	100		
111	38.0	21.6	64.8
148	65.5	32.3	96.8





#89
n-Butylbenzene
Concen: 54.57 ug/l
RT: 12.93 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion: 91 Resp: 541700

Ion	Ratio	Lower	Upper
91	100		
92	59.4	29.3	87.9
134	26.5	12.8	38.3

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

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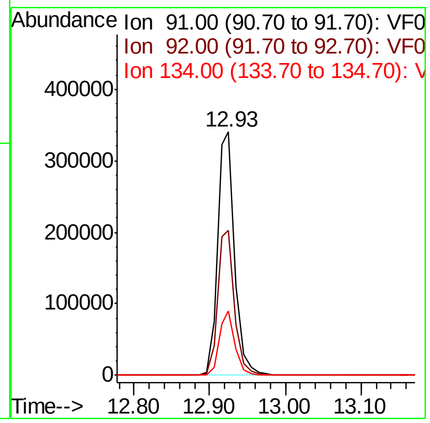
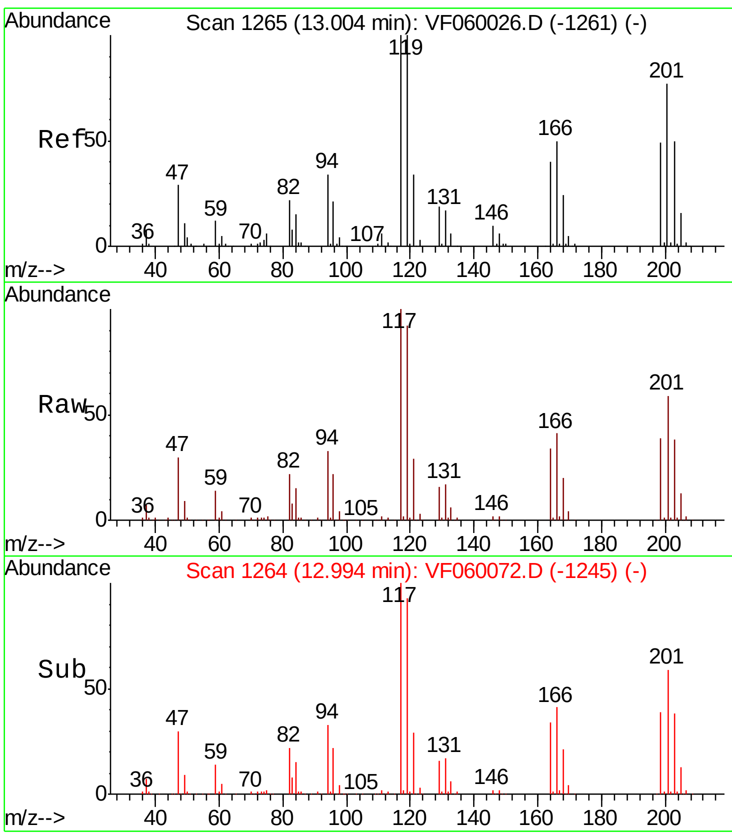
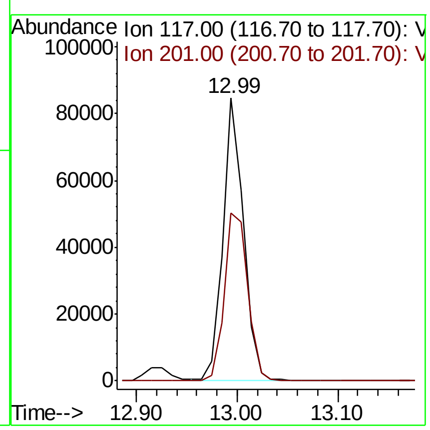


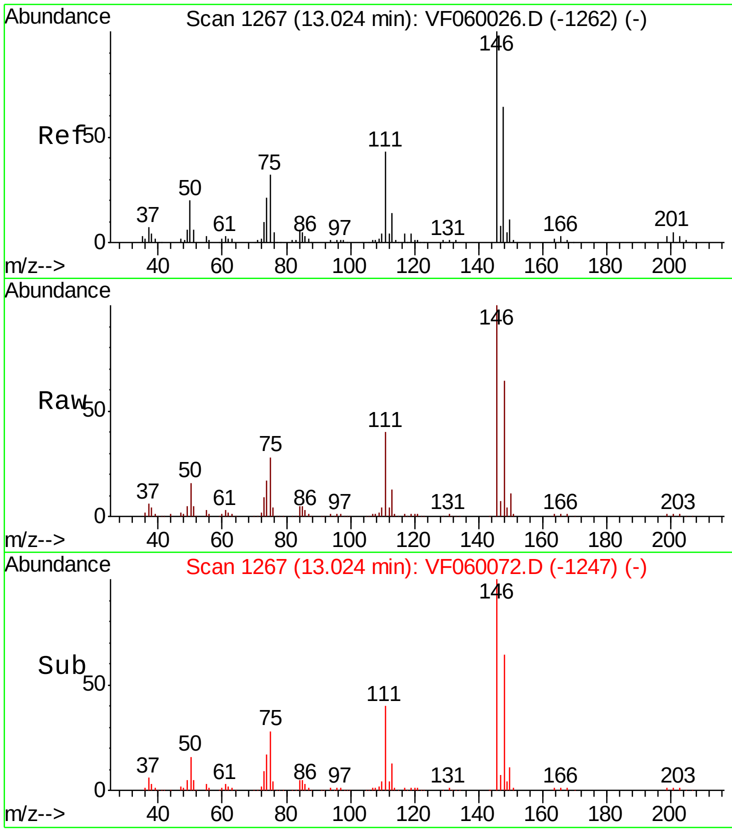


#90
Hexachloroethane
Concen: 52.89 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:117 Resp: 121435

Ion	Ratio	Lower	Upper
117	100		
201	60.7	38.6	115.8





#91
1,2-Dichlorobenzene
Concen: 51.19 ug/l
RT: 13.02 min   Scan# 1267
Delta R.T.   -0.00 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion:146 Resp: 257703

Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	64.6
148	63.8	32.3	96.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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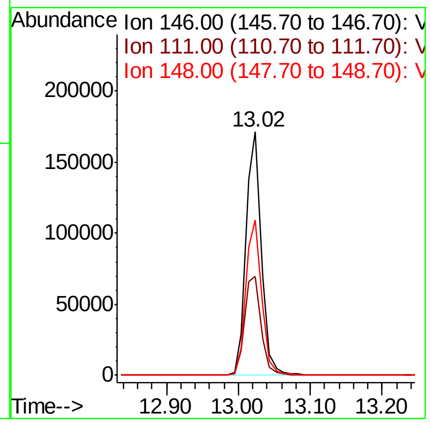
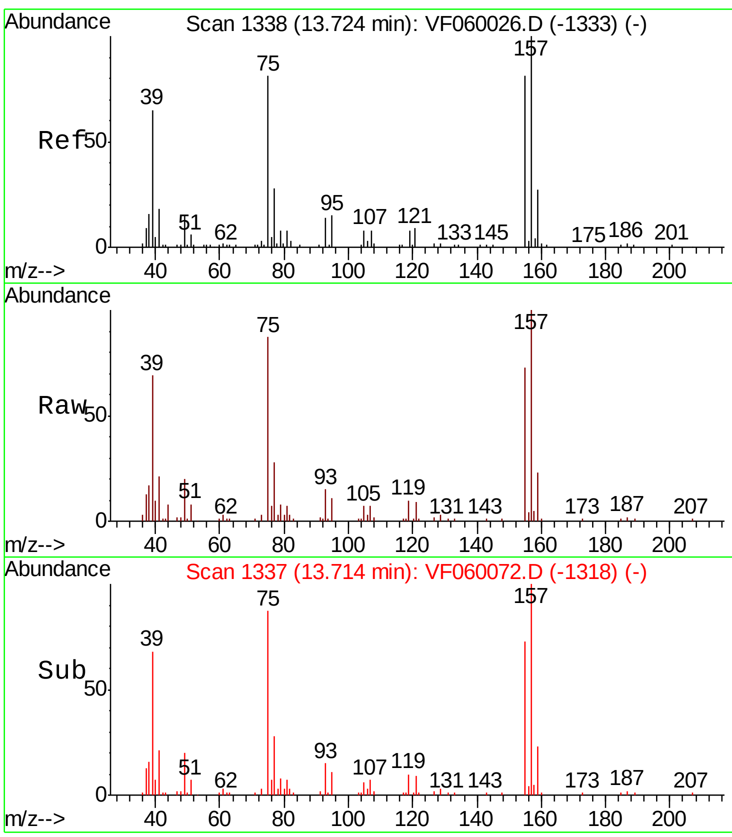
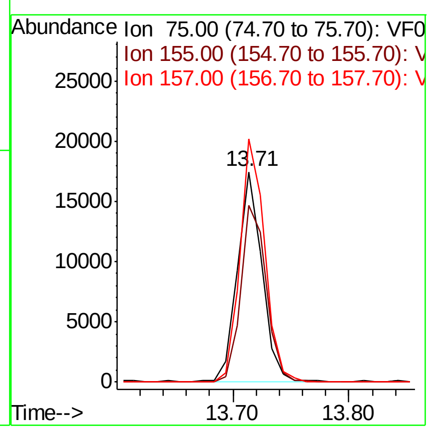


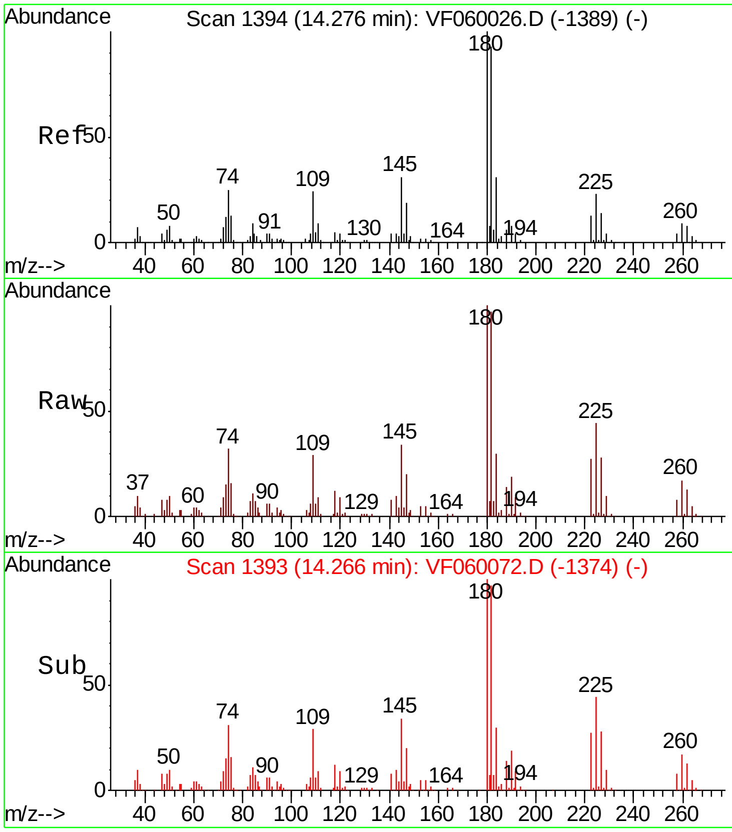


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.23 ug/l
RT: 13.71 min   Scan# 1337
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion: 75 Resp: 25659

Ion	Ratio	Lower	Upper
75	100		
155	84.2	49.8	149.3
157	115.4	61.6	184.7





#93
1,2,4-Trichlorobenzene
Concen: 51.03 ug/l
RT: 14.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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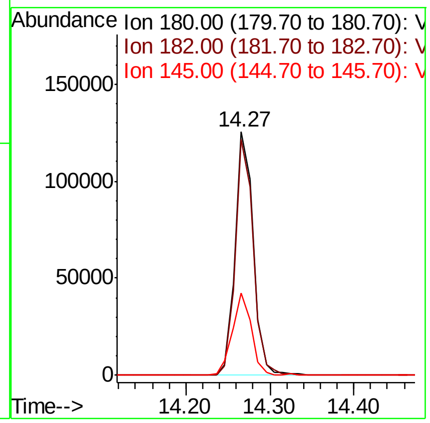
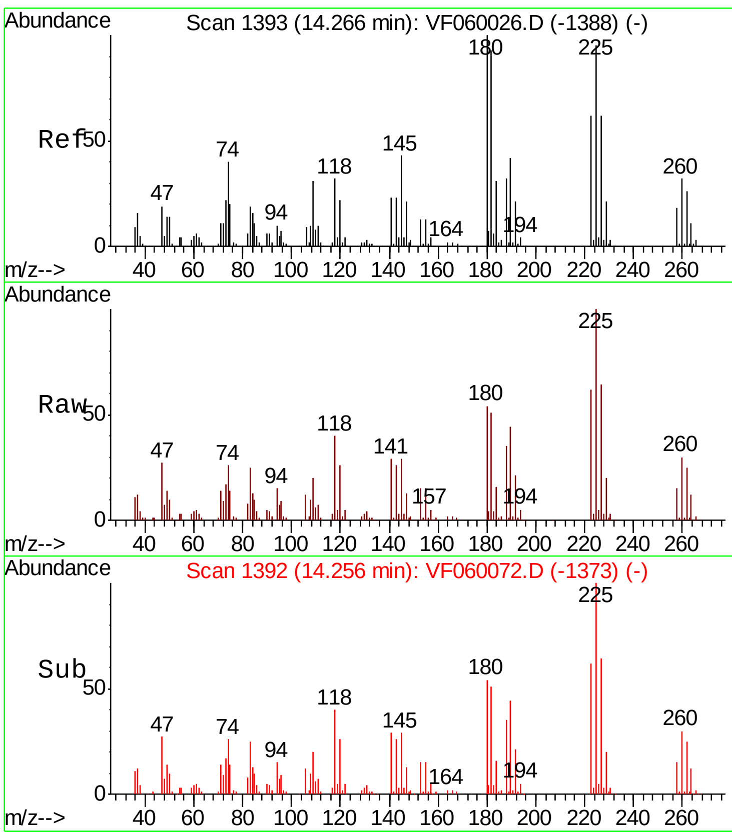
Tgt Ion:180 Resp: 189207

Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.8	140.3
145	34.1	15.4	46.4

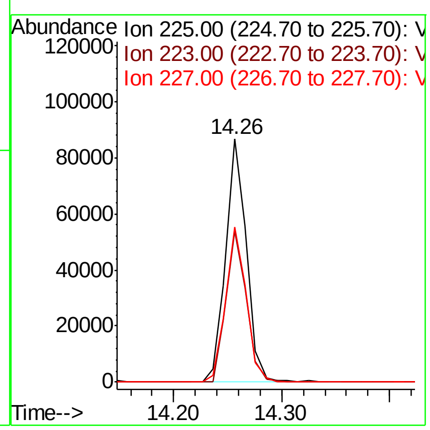


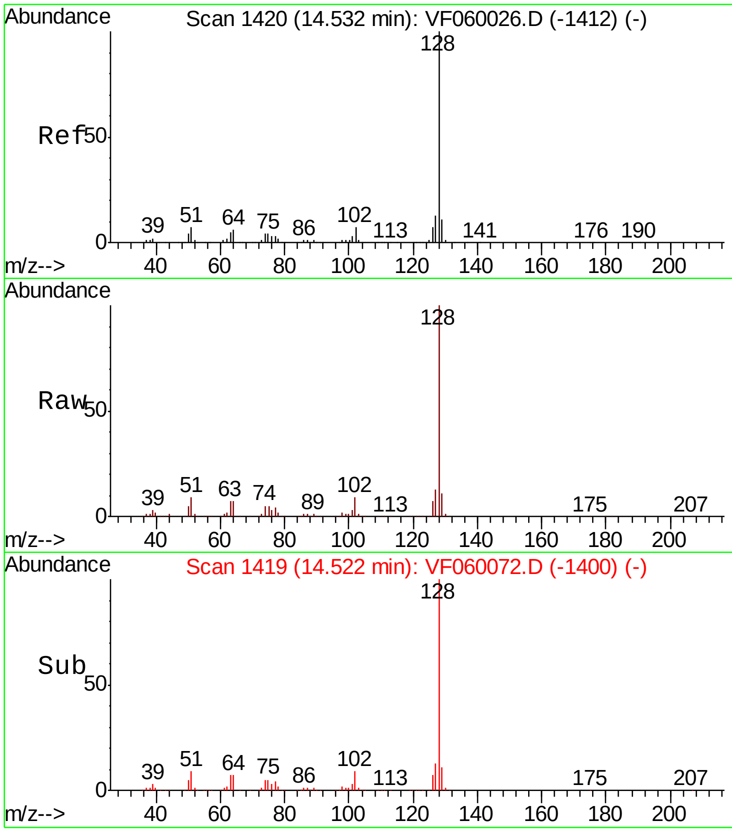


#94
Hexachlorobutadiene
Concen: 50.36 ug/l
RT: 14.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018 1:26

Tgt Ion:225 Resp: 116196

Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.6	97.8
227	63.9	33.0	98.9





#95
Naphthalene
Concen: 49.63 ug/l
RT: 14.52 min   Scan# 1419
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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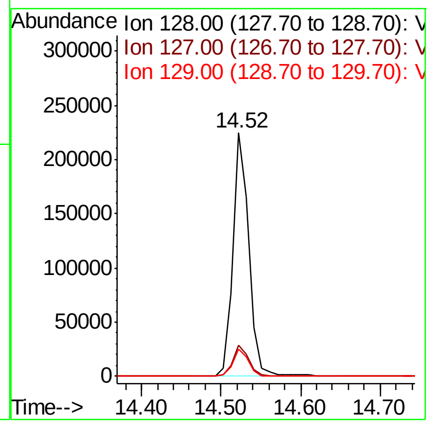
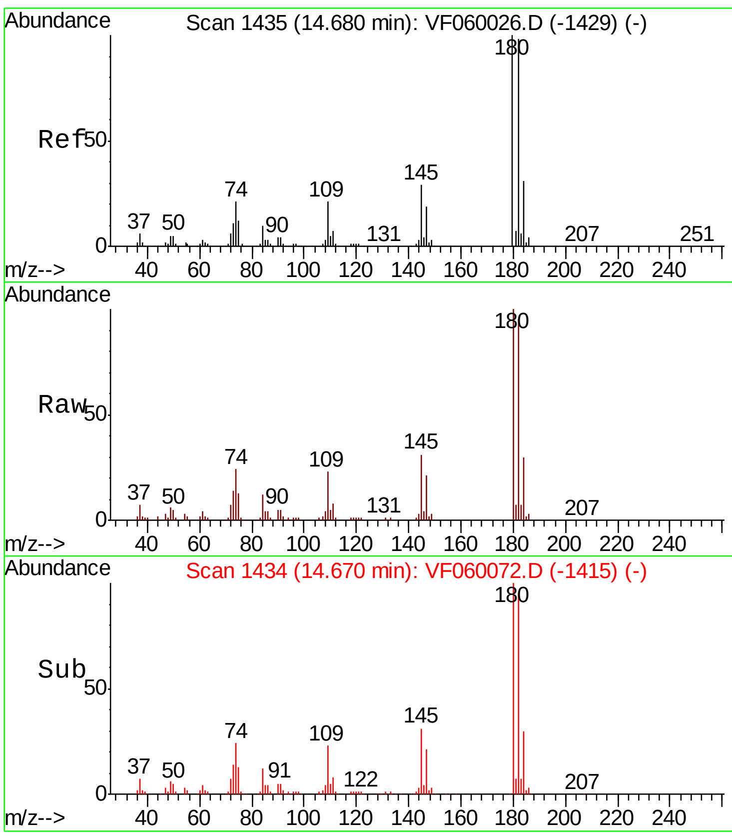
Tgt Ion:128 Resp: 319124

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.3	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 53.37 ug/l
RT: 14.67 min   Scan# 1434
Delta R.T.   -0.01 min
Lab File: VF060072.D
Acq: 24 Aug 2018   1:26

Tgt Ion:180 Resp: 188780

Ion	Ratio	Lower	Upper
180	100		
182	94.8	49.0	147.2
145	30.7	14.4	43.2