Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121818\
Data File : VF061064.D
Acq On : 18 Dec 2018 15:55
Operator : VA/AP
Sample : VF1218SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 01:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VF1218SBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.87	168	167810	50.00	ug/l		-0.04
34) 1,4-Difluorobenzene	5.60	114	286860	50.00	ug/l		-0.04
63) Chlorobenzene-d5	9.78	117	266065	50.00	ug/l		-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	138556	50.00	ug/l		-0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	103370	52.29	ug/l		-0.03
Spiked Amount 50.000			Recovery = 104.58%				
35) Dibromofluoromethane	4.11	113	113842	50.02	ug/l		-0.04
Spiked Amount 50.000			Recovery = 100.04%				
50) Toluene-d8	7.55	98	295845	44.13	ug/l		-0.04
Spiked Amount 50.000			Recovery = 88.26%				
62) 4-Bromofluorobenzene	11.41	95	147817	48.52	ug/l		-0.03
Spiked Amount 50.000			Recovery = 97.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	56115	22.365	ug/l		93
3) Chloromethane	1.11	50	41177	25.220	ug/l	#	87
4) Vinyl Chloride	1.15	62	39768	26.112	ug/l		99
5) Bromomethane	1.33	94	28932	26.941	ug/l		99
6) Chloroethane	1.40	64	15953	24.233	ug/l		90
7) Trichlorofluoromethane	1.50	101	76334	23.361	ug/l		91
8) Diethyl Ether	1.63	74	10987	23.382	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	1.85	101	39907	24.157	ug/l		97
10) Methyl Iodide	1.92	142	65069m	25.914	ug/l		
11) Tert butyl alcohol	2.58	59	10009	123.513	ug/l	#	89
12) 1,1-Dichloroethene	1.80	96	29904	22.506	ug/l	#	75
13) Acrolein	2.01	56	5232	68.144	ug/l		90
14) Allyl chloride	2.10	41	33661	20.325	ug/l		93
15) Acrylonitrile	2.95	53	24615	135.488	ug/l		93
16) Acetone	2.25	43	49203	134.971	ug/l		97
17) Carbon Disulfide	1.84	76	86266m	24.214	ug/l		
18) Methyl Acetate	2.35	43	21522	34.685	ug/l		97
19) Methyl tert-butyl Ether	2.43	73	75571	25.252	ug/l		100
20) Methylene Chloride	2.27	84	33422m	24.991	ug/l		
21) trans-1,2-Dichloroethene	2.31	96	22688	17.711	ug/l		93
22) Diisopropyl ether	2.81	45	114902	25.488	ug/l		97
23) Vinyl Acetate	3.19	43	287123	139.336	ug/l		98
24) 1,1-Dichloroethane	2.88	63	63233	23.576	ug/l		99
25) 2-Butanone	4.35	43	86544	137.255	ug/l		98
26) 2,2-Dichloropropane	3.60	77	42408	24.389	ug/l		98
27) cis-1,2-Dichloroethene	3.48	96	54966	26.356	ug/l		96
28) Bromochloromethane	3.72	49	34510	26.810	ug/l		91
29) Tetrahydrofuran	4.08	42	35668	133.451	ug/l		97
30) Chloroform	3.85	83	106116	25.707	ug/l		96
31) Cyclohexane	3.70	56	70020m	25.155	ug/l		
32) 1,1,1-Trichloroethane	4.09	97	65275	22.801	ug/l		93
36) 1,1-Dichloropropene	4.28	75	77608	24.392	ug/l		97
37) Ethyl Acetate	4.12	43	34376	26.587	ug/l	#	72
38) Carbon Tetrachloride	3.99	117	58636	20.865	ug/l		90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121818\
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Acq On : 18 Dec 2018 15:55
Operator : VA/AP
Sample : VF1218SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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Quant Time: Dec 19 01:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.45	83	64099	19.223	ug/l		96
40) Benzene	4.63	78	170562	24.265	ug/l		97
41) Methacrylonitrile	4.75	41	17522	24.170	ug/l	#	88
42) 1,2-Dichloroethane	4.95	62	64588	25.169	ug/l		94
43) Isopropyl Acetate	6.96	43	40177	23.757	ug/l	#	100
44) Trichloroethene	5.50	130	55353	24.084	ug/l		94
45) 1,2-Dichloropropane	6.24	63	44008	24.106	ug/l		94
46) Dibromomethane	6.08	93	28101	22.691	ug/l		95
47) Bromodichloromethane	6.39	83	81376	24.740	ug/l		99
48) Methyl methacrylate	6.72	41	25921	22.148	ug/l	#	80
49) 1,4-Dioxane	6.71	88	3522	411.179	ug/l	#	83
51) 4-Methyl-2-Pentanone	8.26	43	144168	120.912	ug/l		98
52) Toluene	7.62	92	107863	21.846	ug/l		97
53) t-1,3-Dichloropropene	8.28	75	63295	23.658	ug/l		94
54) cis-1,3-Dichloropropene	7.30	75	80113	24.188	ug/l		97
55) 1,1,2-Trichloroethane	8.49	97	33727	23.443	ug/l		98
56) Ethyl methacrylate	8.62	69	35316	22.097	ug/l		96
57) 1,3-Dichloropropane	8.85	76	61170	24.302	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.30	63	39561	242.004	ug/l		98
59) 2-Hexanone	9.50	43	98307	117.522	ug/l		98
60) Dibromochloromethane	8.72	129	47301	22.066	ug/l		96
61) 1,2-Dibromoethane	8.99	107	36838	23.702	ug/l		96
64) Tetrachloroethene	8.15	164	48667	23.948	ug/l		96
65) Chlorobenzene	9.80	112	128415	24.810	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.93	131	52332	23.518	ug/l		92
67) Ethyl Benzene	9.90	91	242041	25.118	ug/l		98
68) m/p-Xylenes	10.14	106	164958	47.597	ug/l		99
69) o-Xylene	10.71	106	87186	22.813	ug/l		86
70) Styrene	10.79	104	127799	24.124	ug/l		97
71) Bromoform	10.78	173	24274	22.584	ug/l		96
73) Isopropylbenzene	11.12	105	272975	24.930	ug/l		98
74) N-amyl acetate	11.37	43	62567	24.746	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.70	83	47144	26.161	ug/l		93
76) 1,2,3-Trichloropropane	11.79	75	36424	27.808	ug/l		92
77) Bromobenzene	11.50	156	57467	23.939	ug/l		92
78) n-propylbenzene	11.60	91	322940	25.185	ug/l		98
79) 2-Chlorotoluene	11.72	91	186529	25.370	ug/l		98
80) 1,3,5-Trimethylbenzene	11.82	105	227357	25.578	ug/l		95
81) trans-1,4-Dichloro-2-buten	11.87	75	15834m	24.672	ug/l		
82) 4-Chlorotoluene	11.90	91	192150	24.834	ug/l		96
83) tert-Butylbenzene	12.13	119	231713	25.591	ug/l		99
84) 1,2,4-Trimethylbenzene	12.21	105	227313	25.623	ug/l		97
85) sec-Butylbenzene	12.31	105	308512	24.890	ug/l		99
86) p-Isopropyltoluene	12.46	119	254201	24.461	ug/l		99
87) 1,3-Dichlorobenzene	12.47	146	111572	24.434	ug/l		99
88) 1,4-Dichlorobenzene	12.56	146	103802	23.327	ug/l		95
89) n-Butylbenzene	12.84	91	272964	25.977	ug/l		95
90) Hexachloroethane	12.92	117	61746	24.675	ug/l		91
91) 1,2-Dichlorobenzene	12.94	146	105456	24.388	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.64	75	8857	25.422	ug/l		62

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Acq On : 18 Dec 2018 15:55
Operator : VA/AP
Sample : VF1218SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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12/19/2018 2:15:21 PM

Quant Time: Dec 19 01:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	75379	24.949	ug/l	97
94) Hexachlorobutadiene	14.19	225	48518	24.089	ug/l	97
95) Naphthalene	14.46	128	132721	20.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.61	180	66720	23.783	ug/l	97

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

Quantitation Report (QT Reviewed)

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Data File : VF061064.D
Acq On : 18 Dec 2018 15:55
Operator : VA/AP
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Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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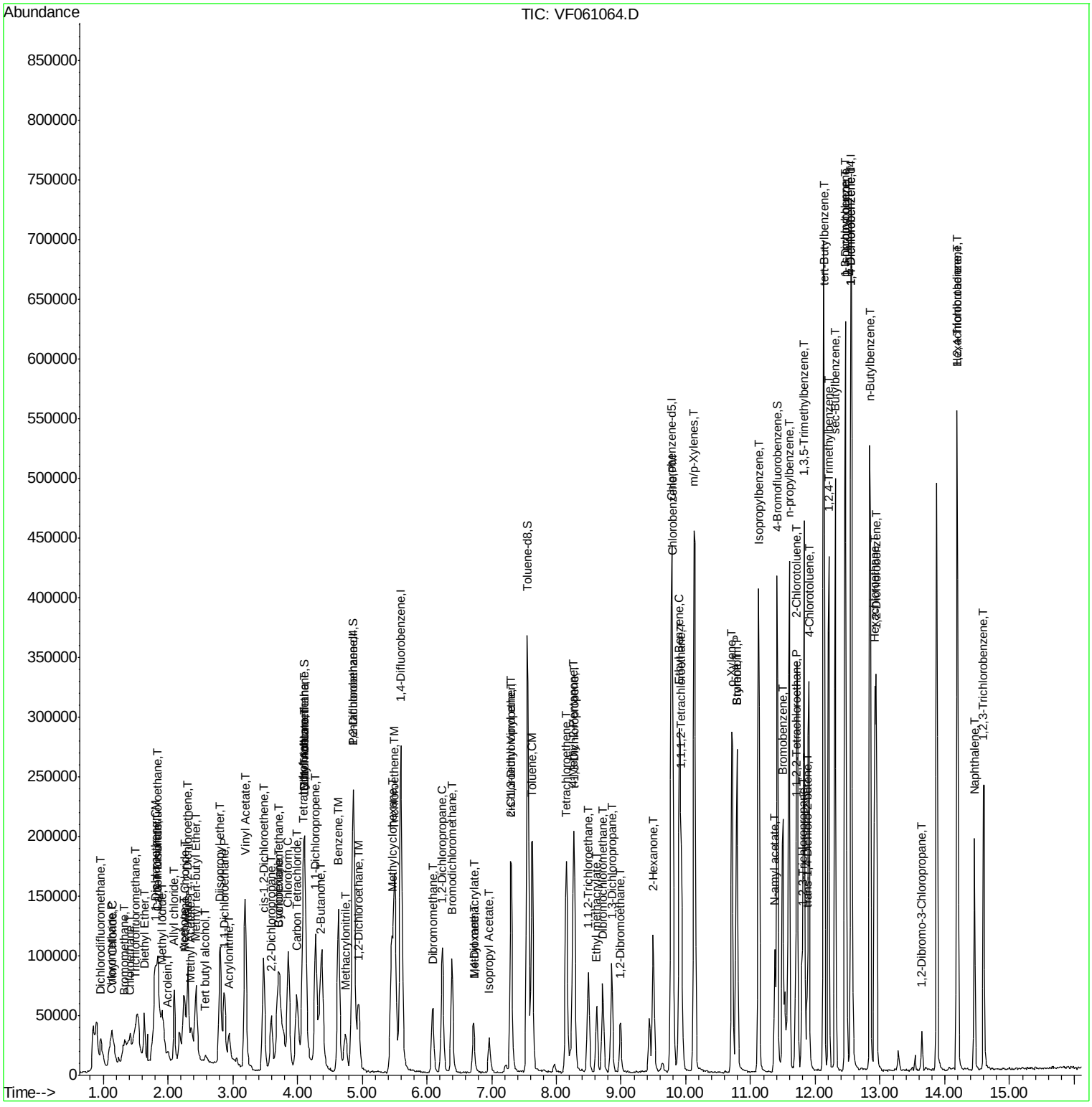
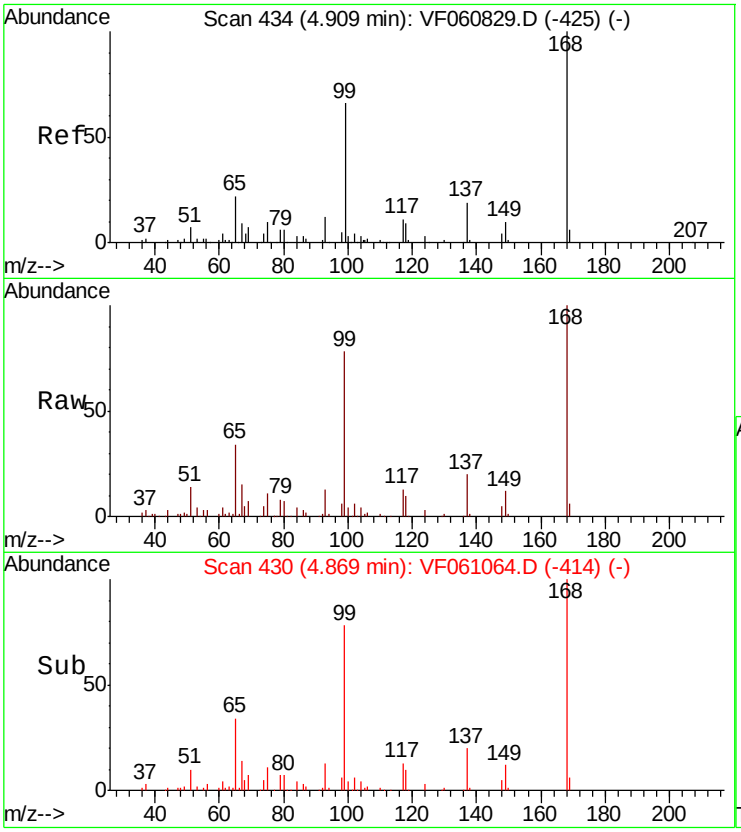
12/19/2018 2:15:21 PM

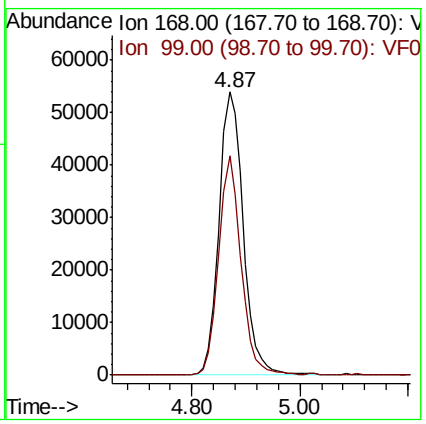




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:168 Resp: 167810

Ion	Ratio	Lower	Upper
168	100		
99	77.7	52.6	79.0



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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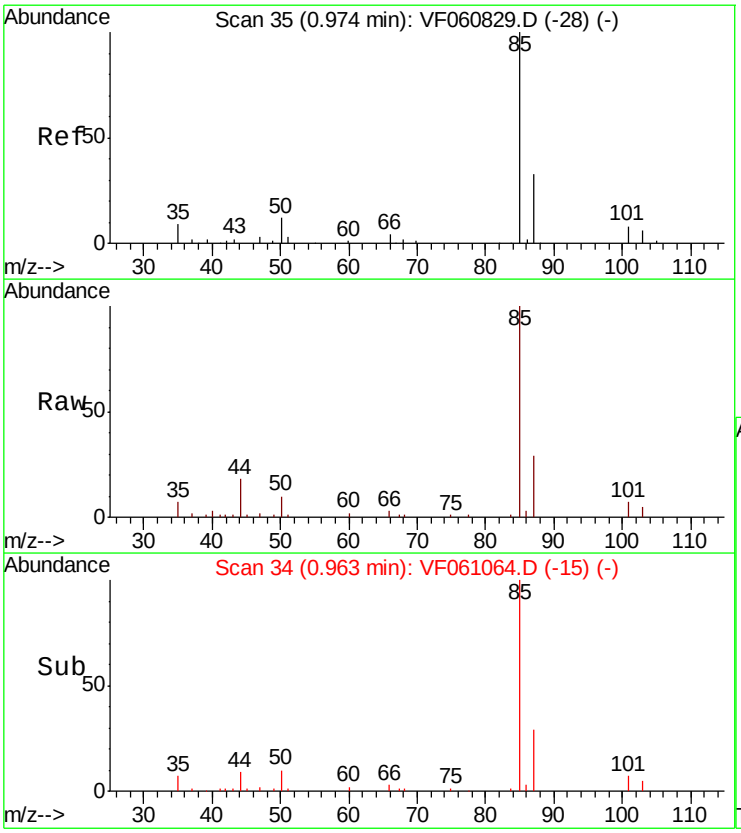
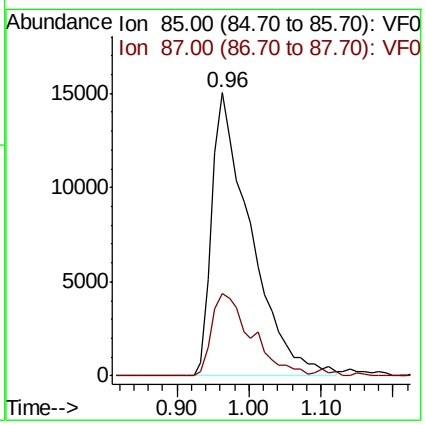
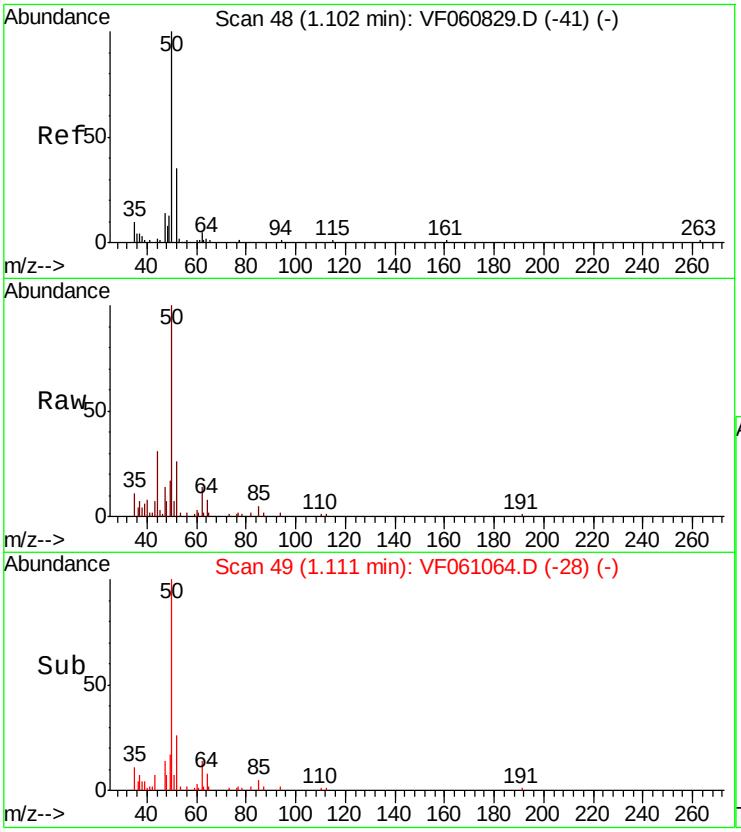


#2
Dichlorodifluoromethane
Concen: 22.365 ug/l
RT: 0.96 min Scan# 34
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 85 Resp: 56115

Ion	Ratio	Lower	Upper
85	100		
87	29.3	16.7	50.0

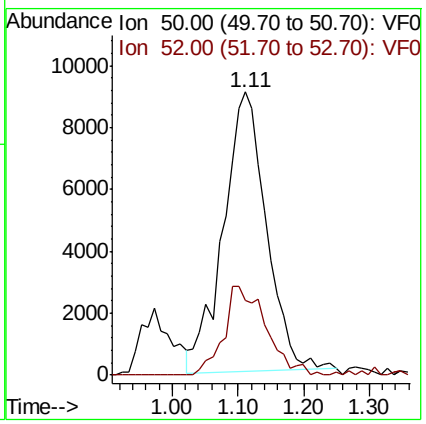




#3
Chloromethane
Concen: 25.220 ug/l
RT: 1.11 min Scan# 49
Delta R.T. 0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 50 Resp: 41177

Ion	Ratio	Lower	Upper
50	100		
52	26.4	27.0	40.4#



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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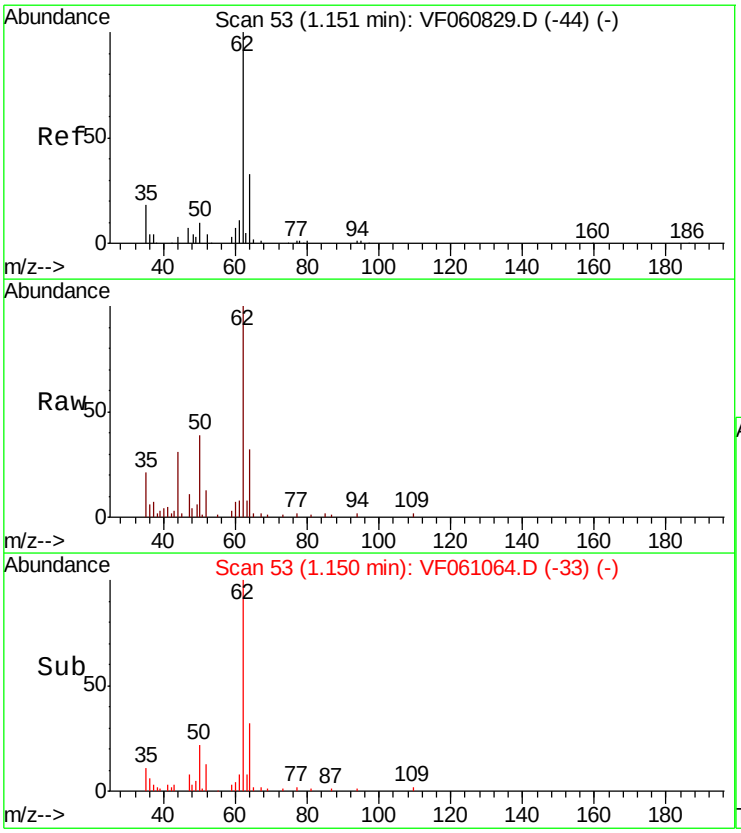
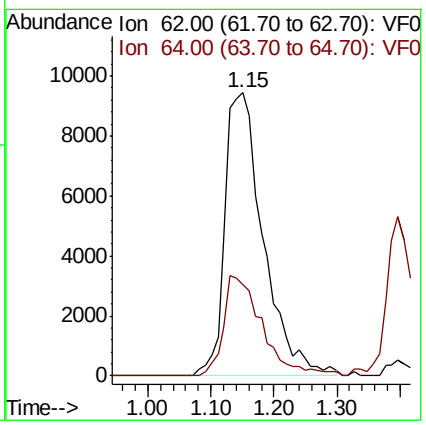
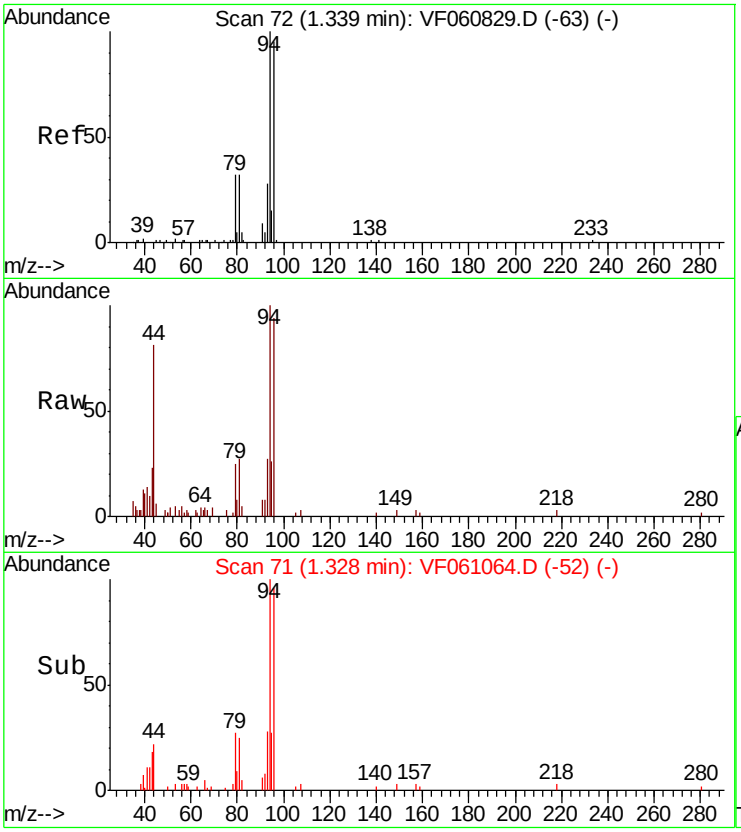


#4
Vinyl Chloride
Concen: 26.112 ug/l
RT: 1.15 min Scan# 53
Delta R.T. -0.00 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 62 Resp: 39768

Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.4	39.6

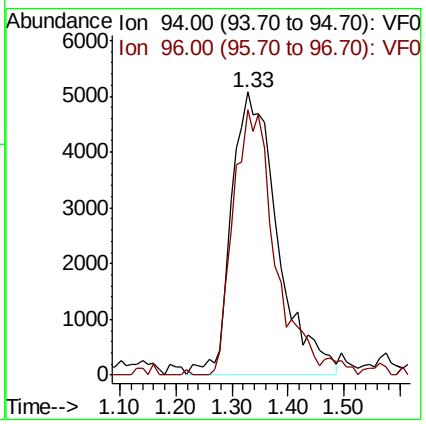




#5
Bromomethane
Concen: 26.941 ug/l
RT: 1.33 min Scan# 71
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 94 Resp: 28932

Ion	Ratio	Lower	Upper
94	100		
96	93.7	75.9	113.9



Instrument :
MSVOA_F
ClientSampleId :
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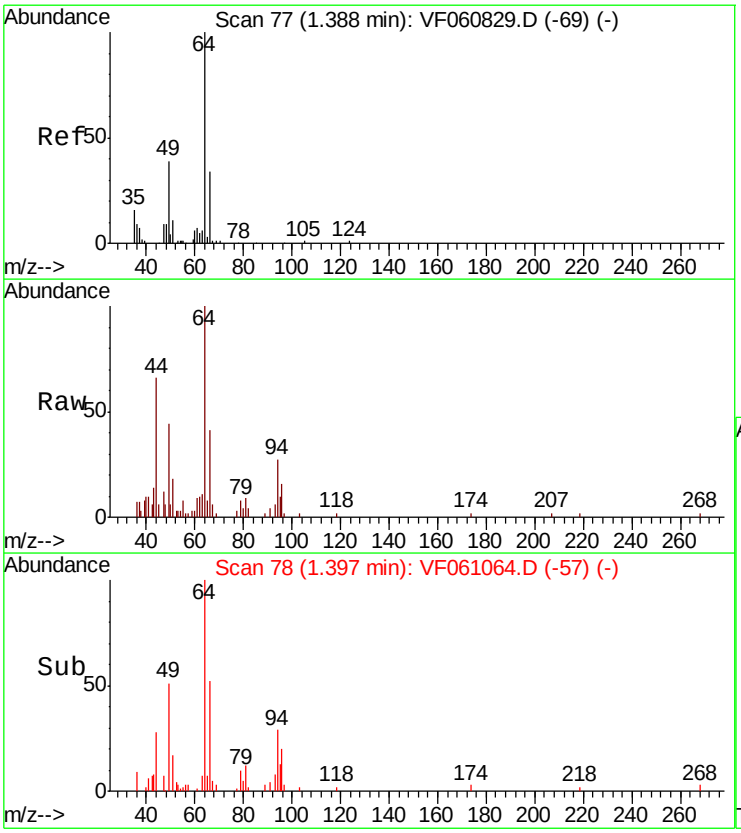
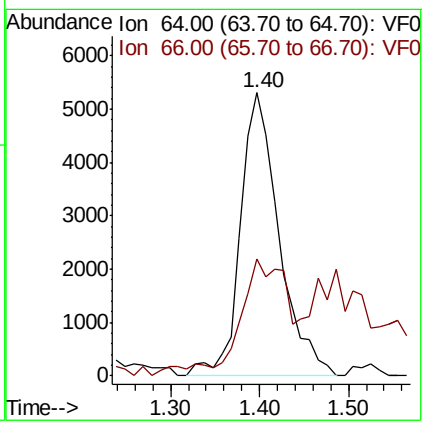
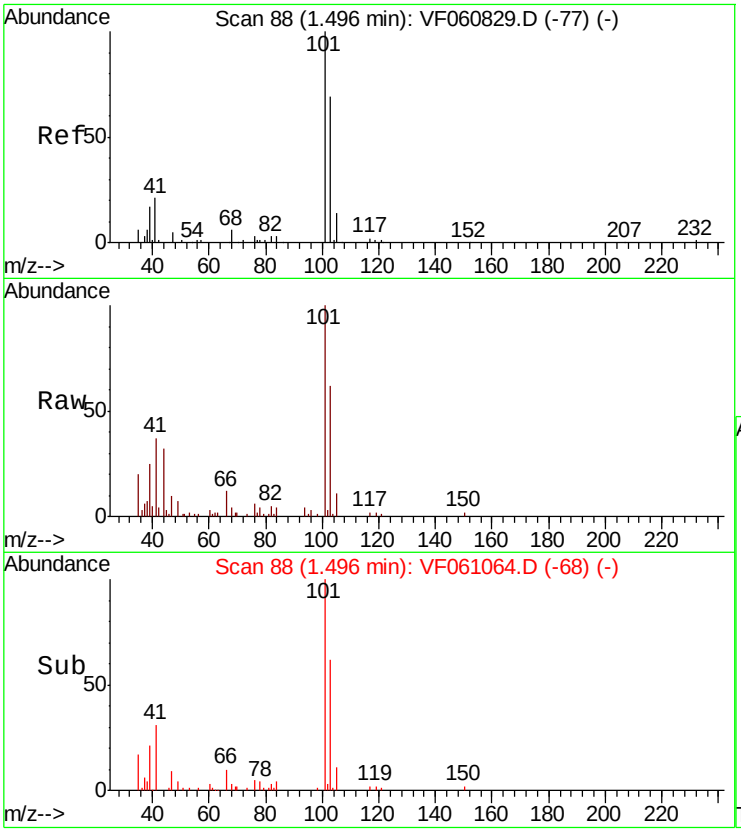


#6
Chloroethane
Concen: 24.233 ug/l
RT: 1.40 min Scan# 78
Delta R.T. 0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 64 Resp: 15953

Ion	Ratio	Lower	Upper
64	100		
66	41.2	28.1	42.1

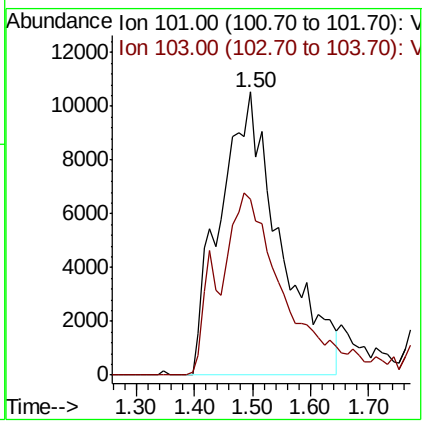




#7
Trichlorofluoromethane
Concen: 23.361 ug/l
RT: 1.50 min Scan# 88
Delta R.T. -0.00 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:101 Resp: 76334

Ion	Ratio	Lower	Upper
101	100		
103	62.1	55.4	83.0



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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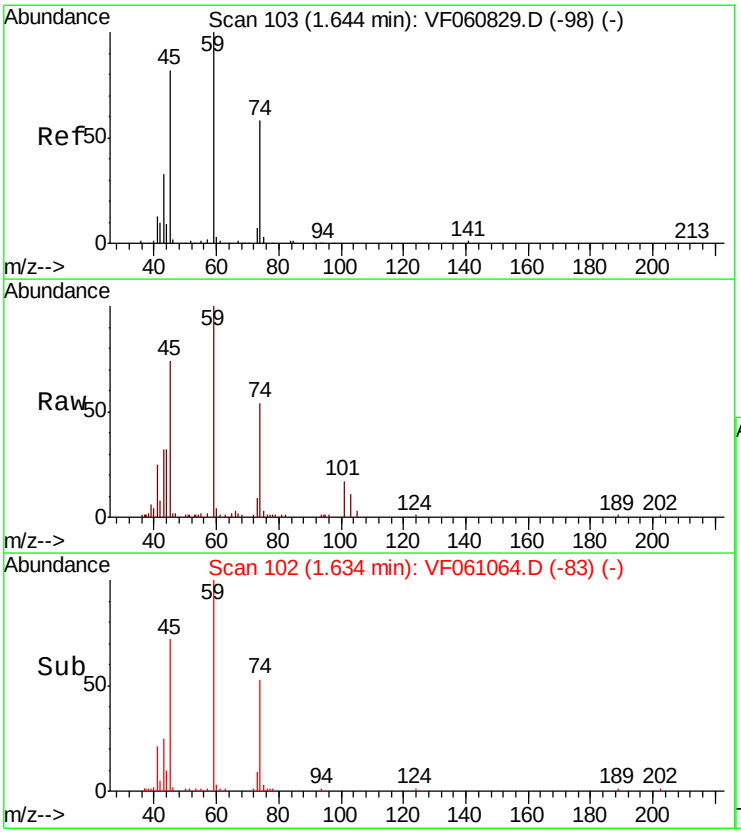
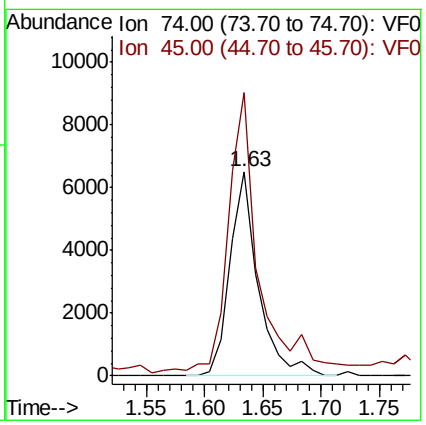
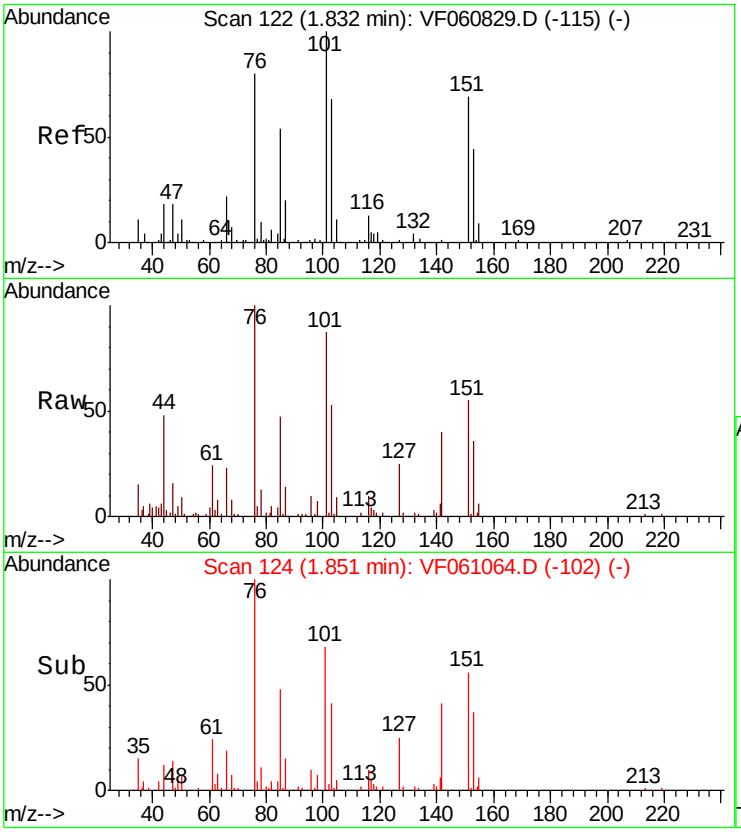


#8
Diethyl Ether
Concen: 23.382 ug/l
RT: 1.63 min Scan# 102
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 74 Resp: 10987

Ion	Ratio	Lower	Upper
74	100		
45	138.4	71.0	212.8

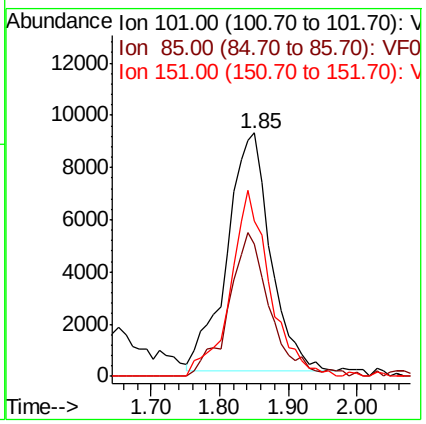




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.157 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:101 Resp: 39907

Ion	Ratio	Lower	Upper
101	100		
85	54.2	42.8	64.2
151	63.9	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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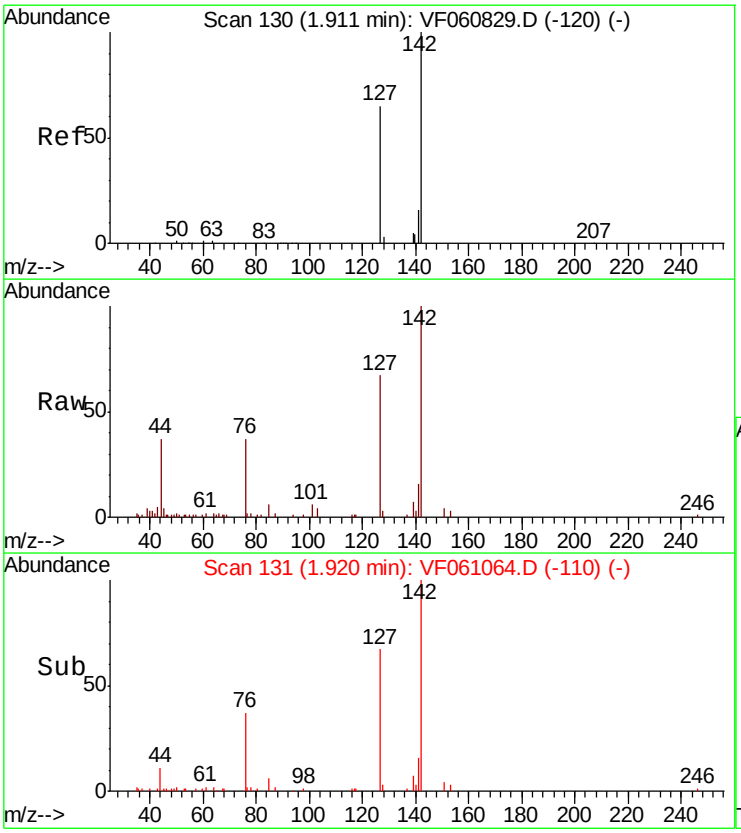
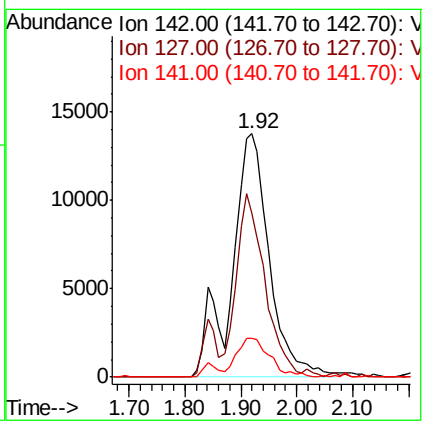
12/19/2018 2:15:21 PM

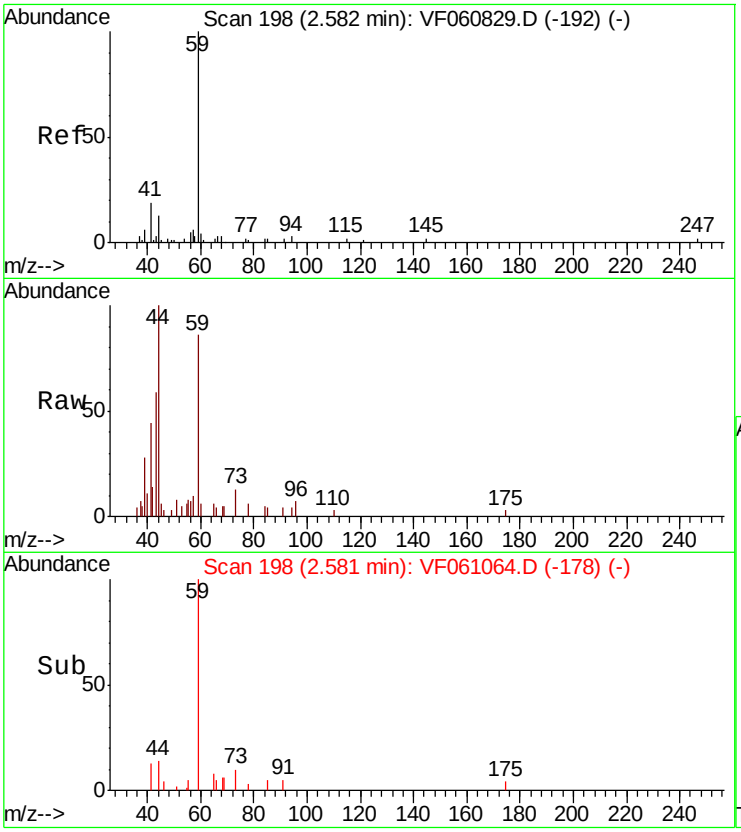


#10
Methyl Iodide
Concen: 25.914 ug/l m
RT: 1.92 min Scan# 131
Delta R.T. 0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:142 Resp: 65069

Ion	Ratio	Lower	Upper
142	100		
127	67.5	51.9	77.9
141	16.1	12.7	19.1





#11
Tert butyl alcohol
Concen: 123.513 ug/l
RT: 2.58 min Scan# 198
Delta R.T. -0.00 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 59 Resp: 10009

Ion	Ratio	Lower	Upper
59	100		
57	11.4	12.7	19.1#

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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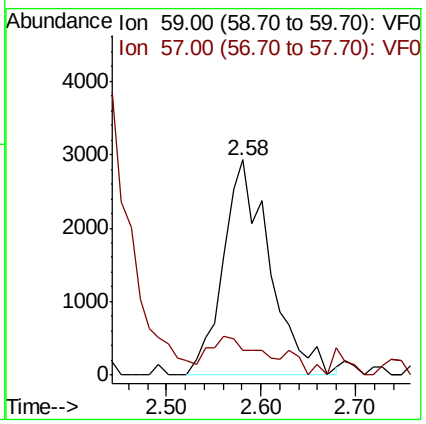
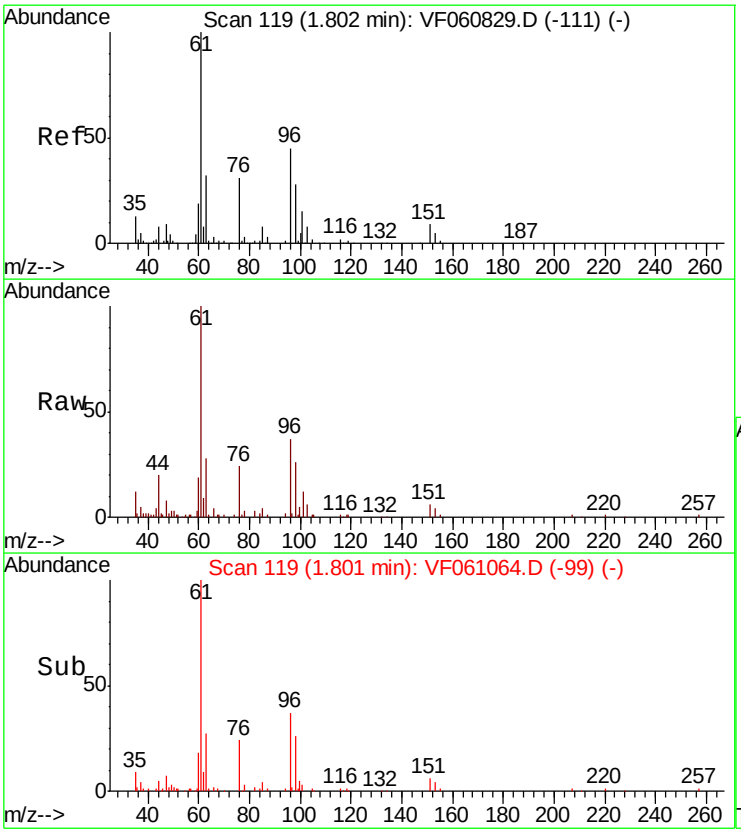
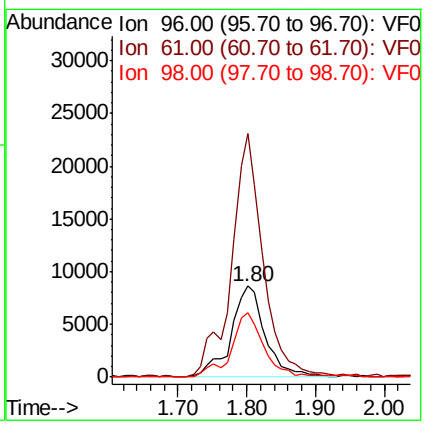


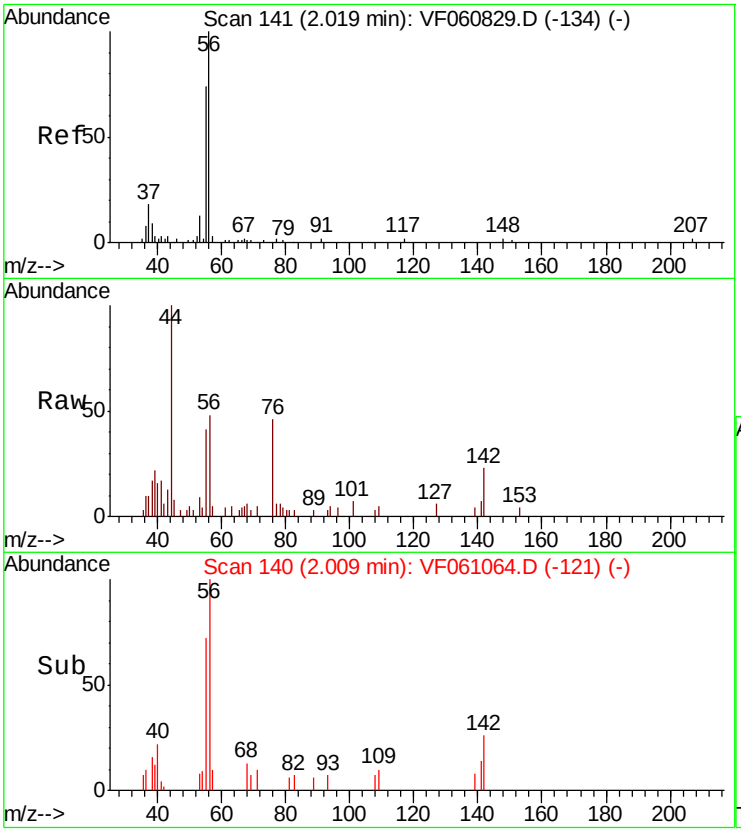


#12
1,1-Dichloroethene
Concen: 22.506 ug/l
RT: 1.80 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 96 Resp: 29904

Ion	Ratio	Lower	Upper
96	100		
61	268.0	177.3	265.9#
98	70.8	49.6	74.4

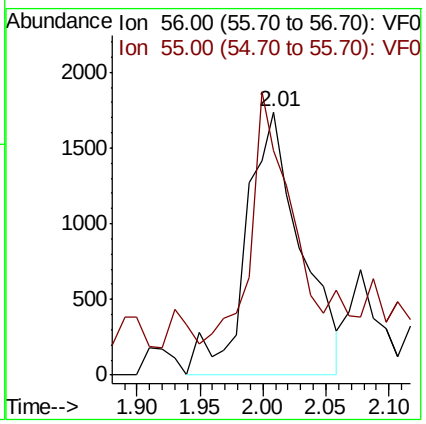




#13
Acrolein
Concen: 68.144 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 56 Resp: 5232

Ion	Ratio	Lower	Upper
56	100		
55	85.2	61.2	91.8



Instrument :
MSVOA_F
ClientSampleId :
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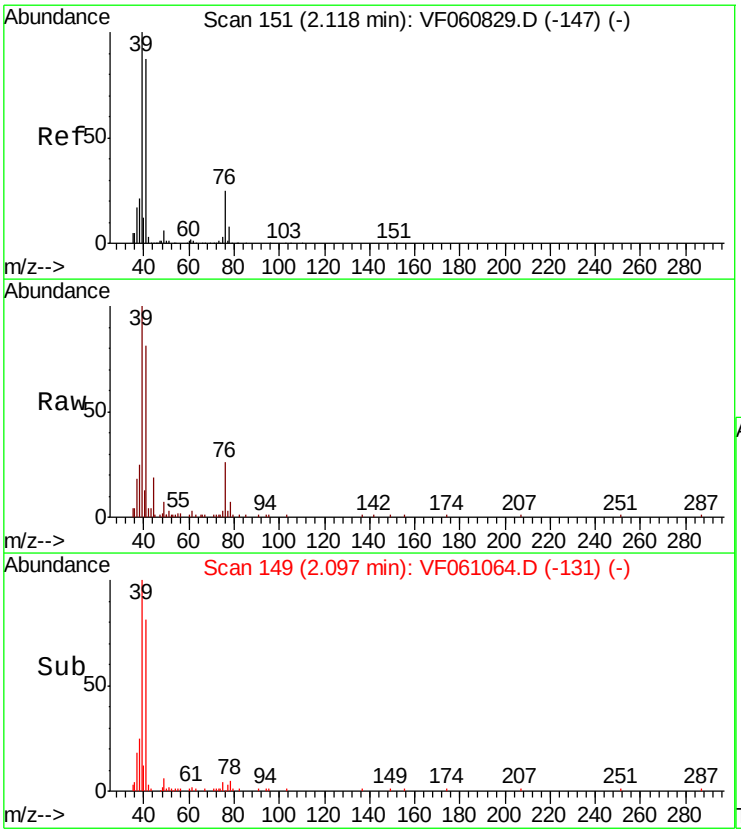
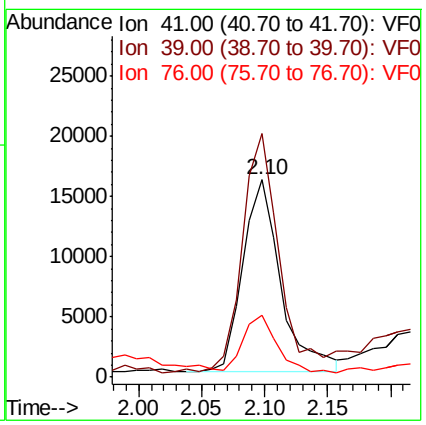
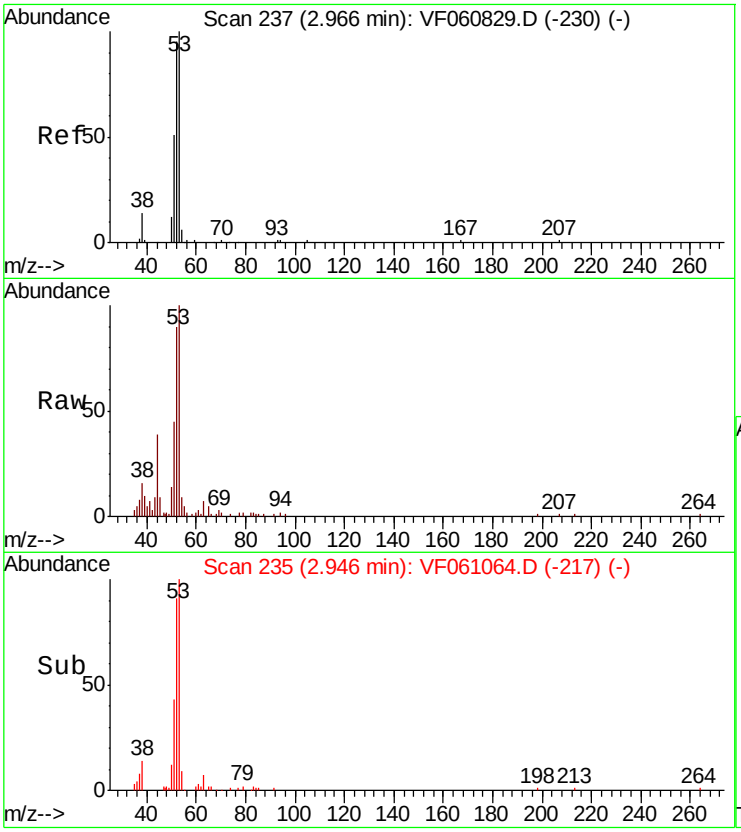


#14
Allyl chloride
Concen: 20.325 ug/l
RT: 2.10 min Scan# 149
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 41 Resp: 33661

Ion	Ratio	Lower	Upper
41	100		
39	123.4	91.7	137.5
76	31.6	23.5	35.3

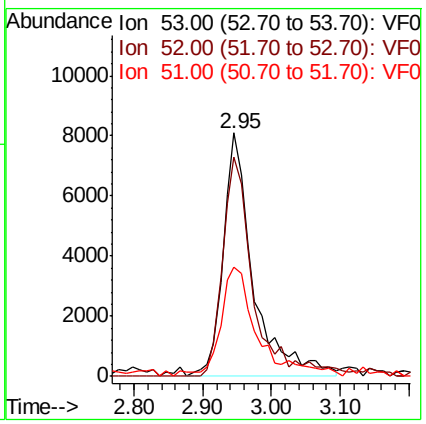




#15
Acrylonitrile
Concen: 135.488 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 53 Resp: 24615

Ion	Ratio	Lower	Upper
53	100		
52	90.0	76.5	114.7
51	44.8	40.7	61.1



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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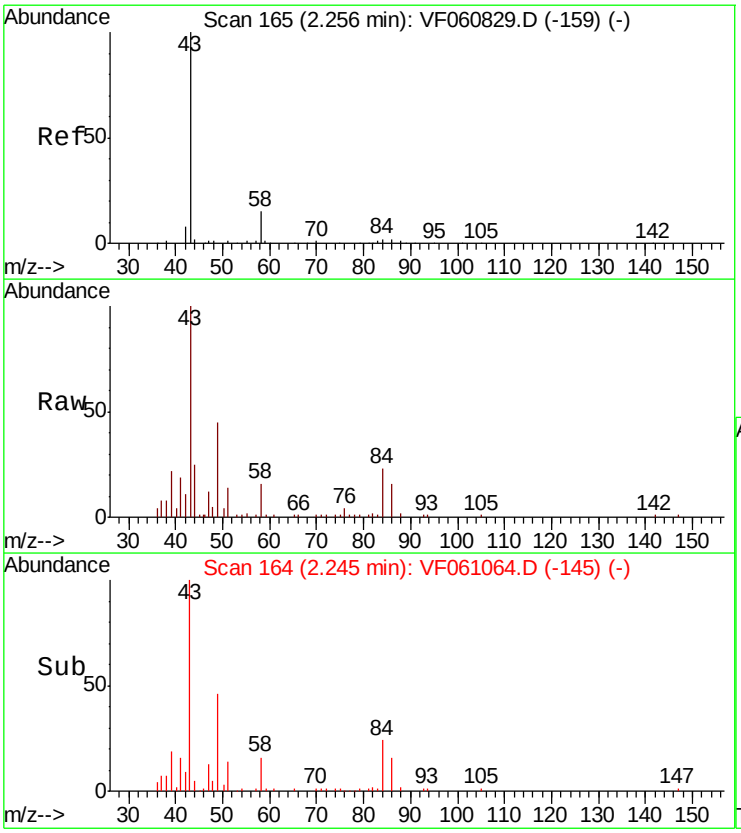
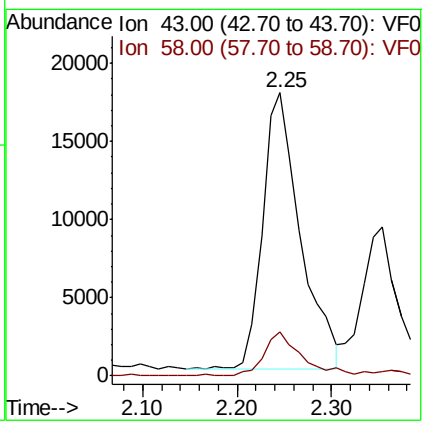
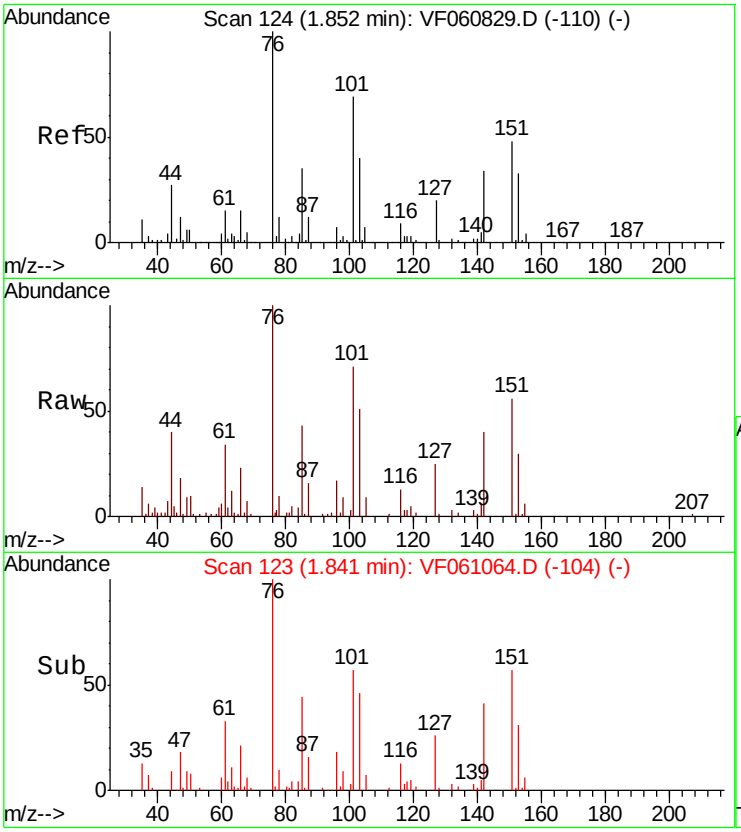


#16
Acetone
Concen: 134.971 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 49203

Ion	Ratio	Lower	Upper
43	100		
58	15.5	11.4	17.2

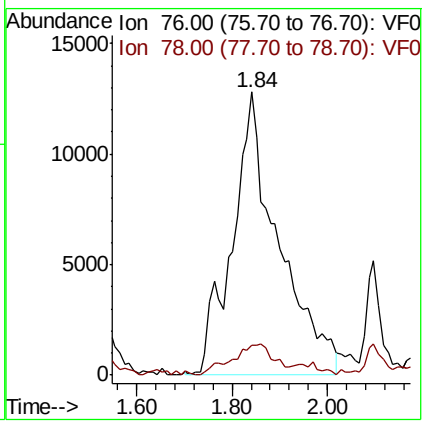




#17
Carbon Disulfide
Concen: 24.214 ug/l m
RT: 1.84 min Scan# 123
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 76 Resp: 86266

Ion	Ratio	Lower	Upper
76	100		
78	10.4	10.2	15.2



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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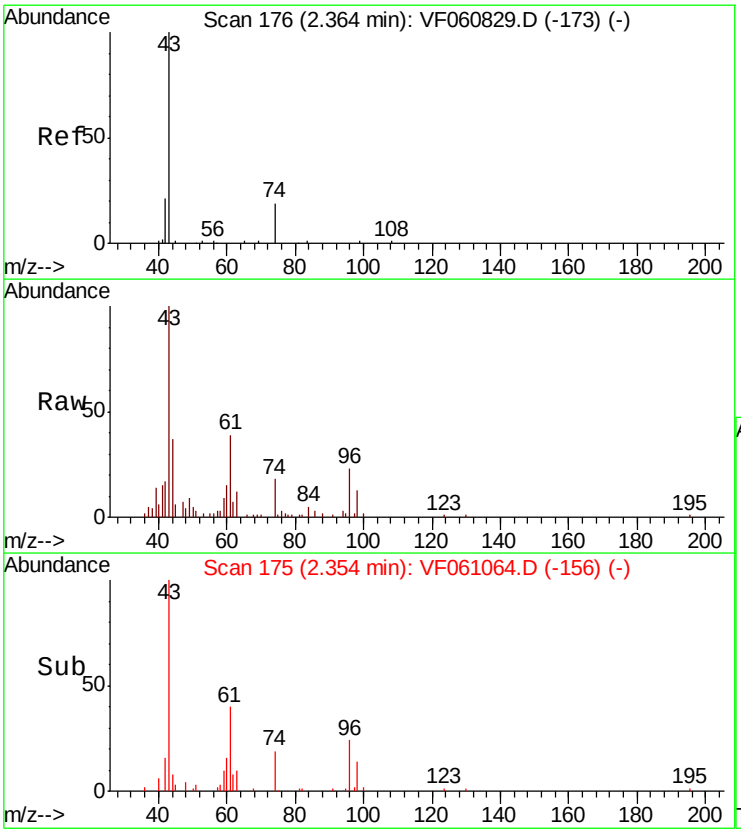
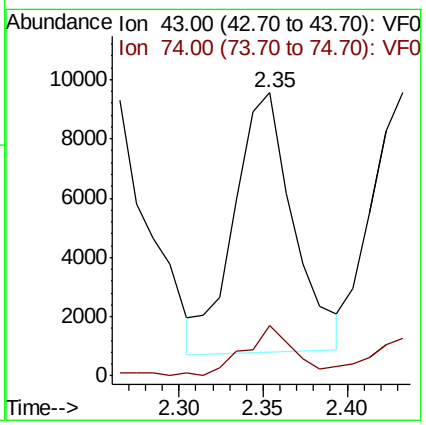
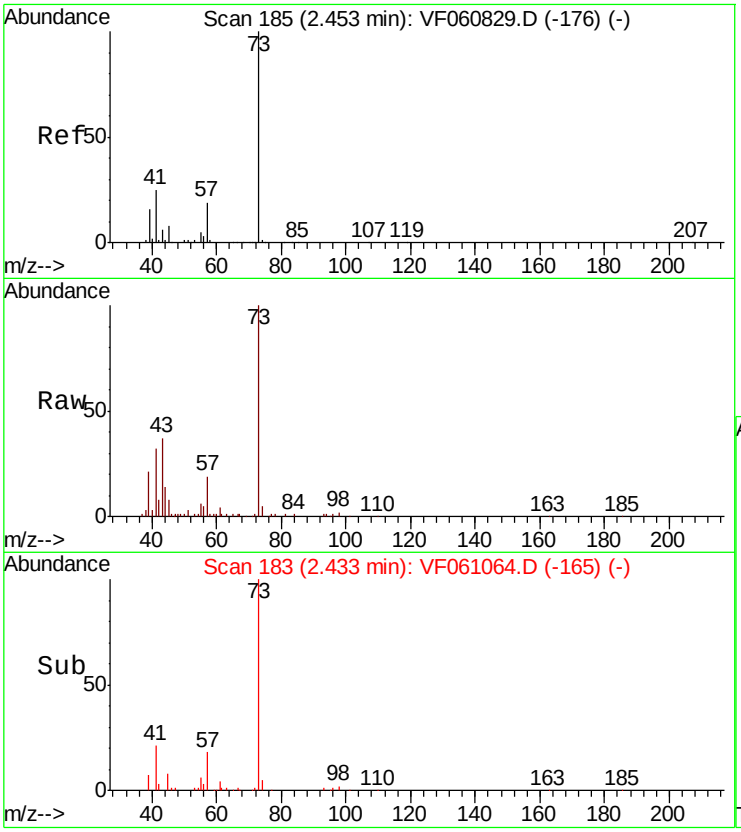


#18
Methyl Acetate
Concen: 34.685 ug/l
RT: 2.35 min Scan# 175
Delta R.T. -0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 21522

Ion	Ratio	Lower	Upper
43	100		
74	17.8	13.3	19.9

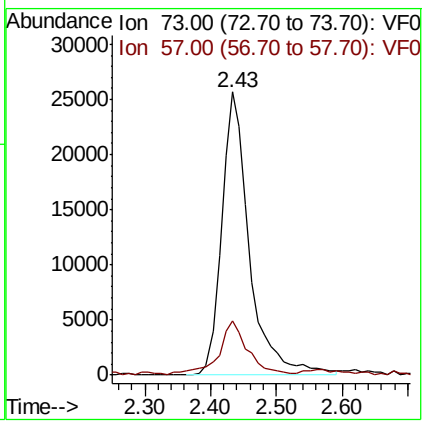




#19
Methyl tert-butyl Ether
Concen: 25.252 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 73 Resp: 75571

Ion	Ratio	Lower	Upper
73	100		
57	19.0	15.3	22.9



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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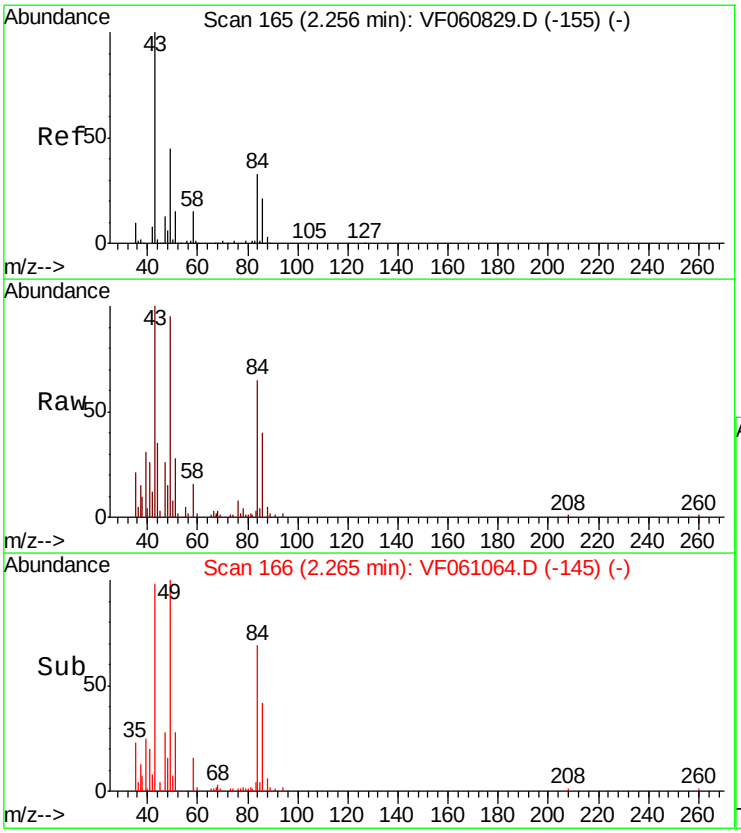
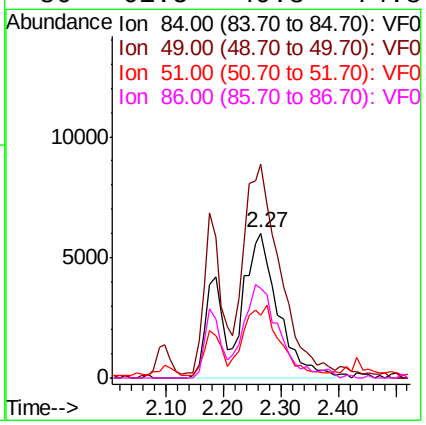
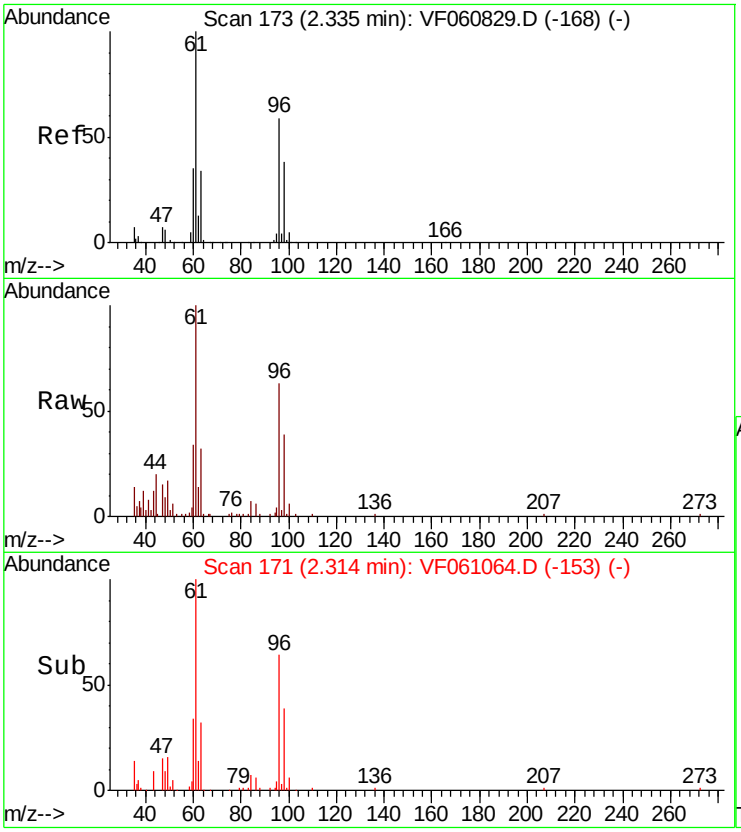


#20
Methylene Chloride
Concen: 24.991 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 84 Resp: 33422

Ion	Ratio	Lower	Upper
84	100		
49	147.0	111.3	166.9
51	43.2	38.0	57.0
86	61.5	49.8	74.8

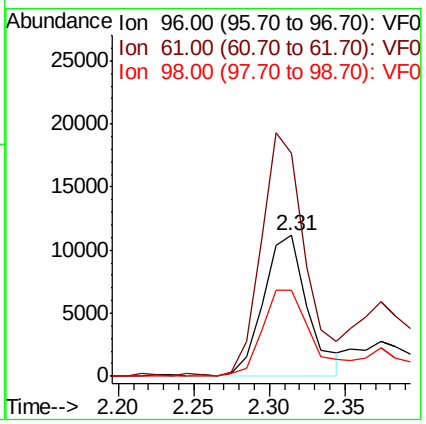




#21
trans-1,2-Dichloroethene
Concen: 17.711 ug/l
RT: 2.31 min Scan# 171
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 96 Resp: 22688

Ion	Ratio	Lower	Upper
96	100		
61	158.1	134.5	201.7
98	60.9	51.6	77.4



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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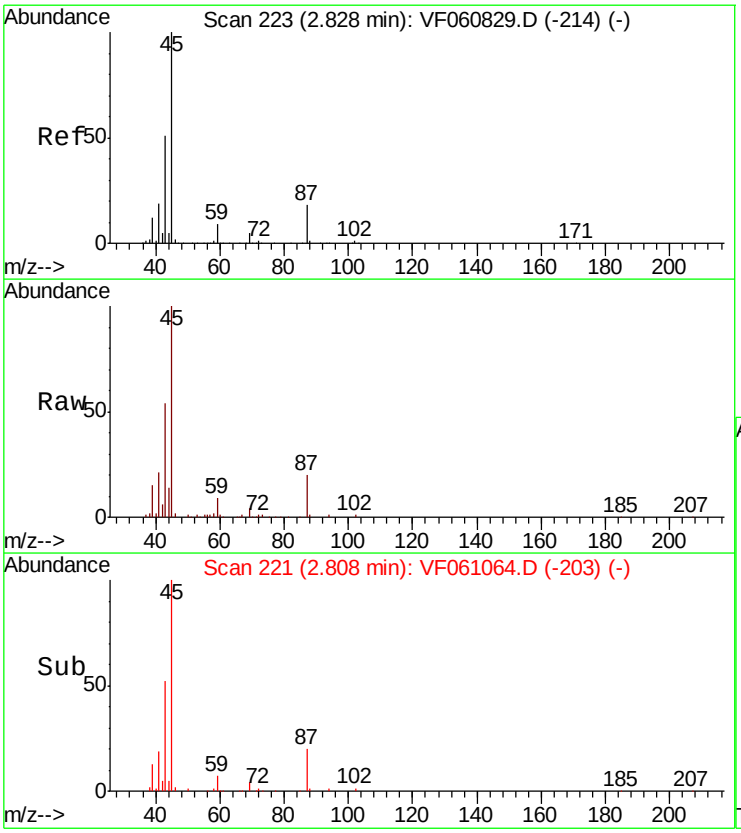
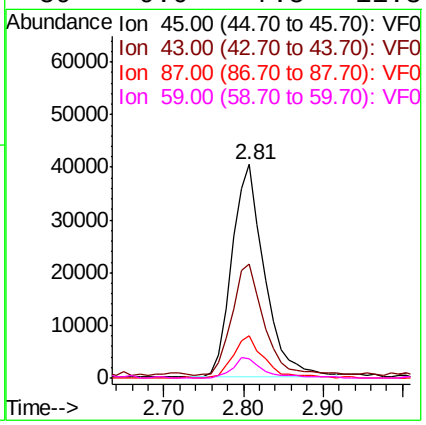
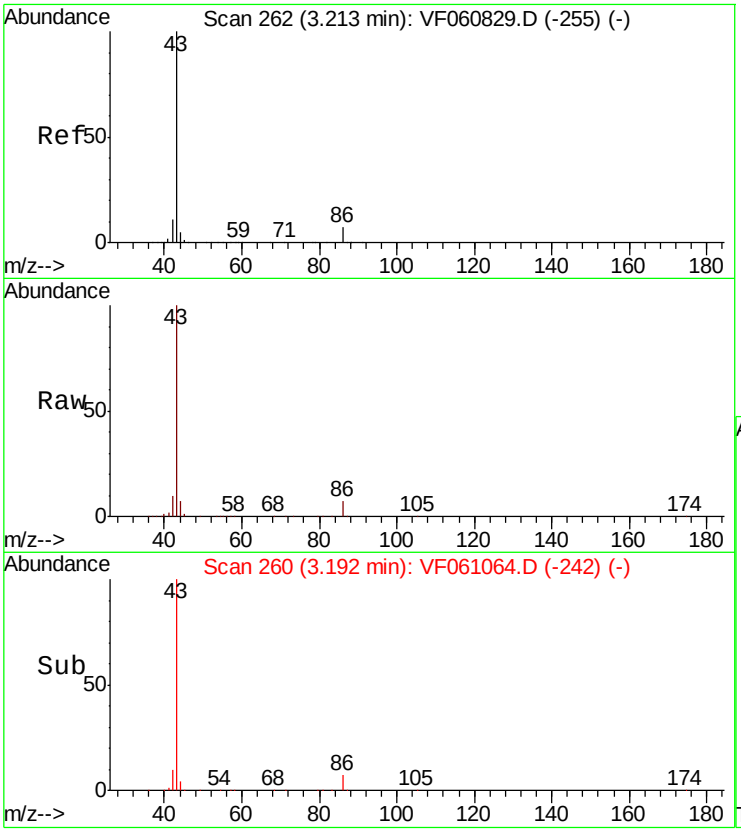


#22
Diisopropyl ether
Concen: 25.488 ug/l
RT: 2.81 min Scan# 221
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 45 Resp: 114902

Ion	Ratio	Lower	Upper
45	100		
43	53.6	41.0	61.6
87	19.8	14.6	22.0
59	9.0	7.5	11.3





#23
Vinyl Acetate
Concen: 139.336 ug/l
RT: 3.19 min Scan# 260
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 287123

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.4	8.0

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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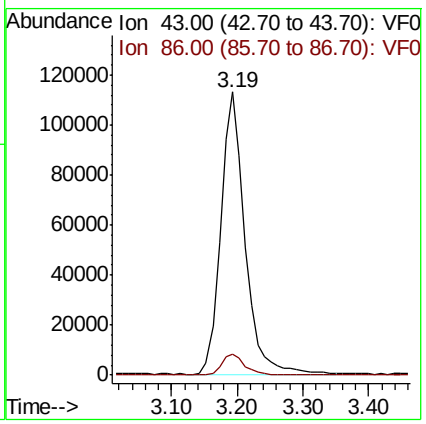
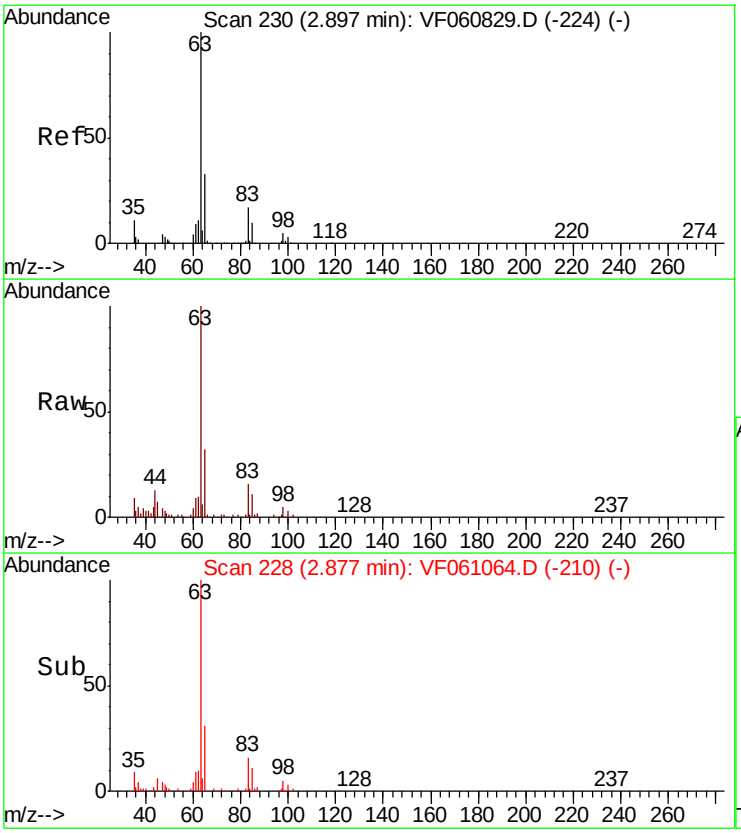
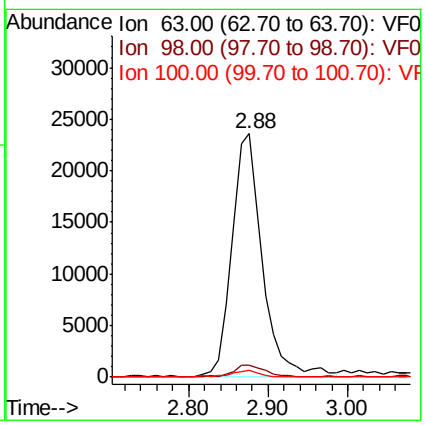


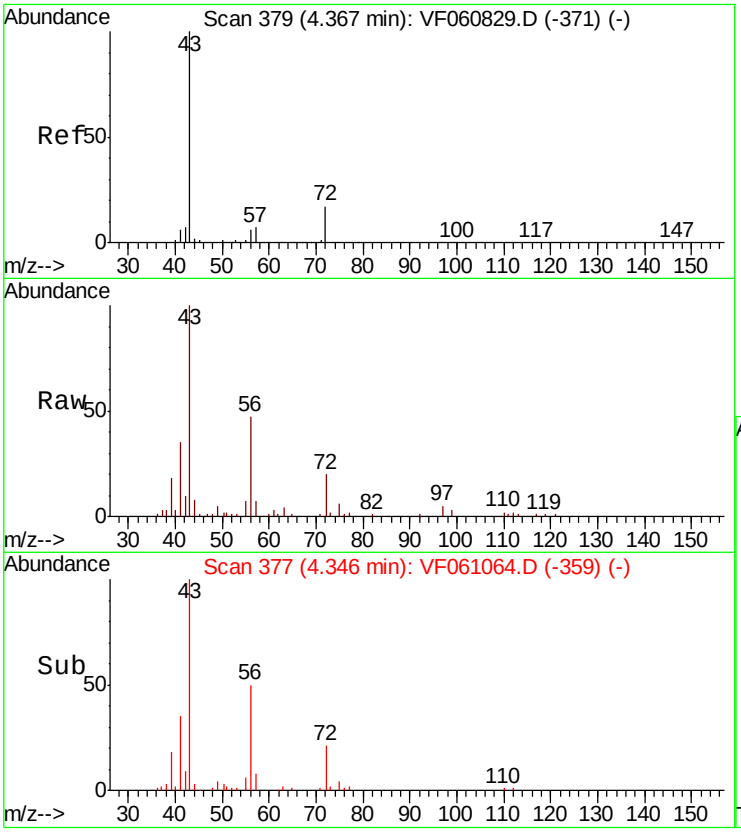


#24
1,1-Dichloroethane
Concen: 23.576 ug/l
RT: 2.88 min Scan# 228
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 63 Resp: 63233

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.7	8.1
100	2.7	1.5	4.5

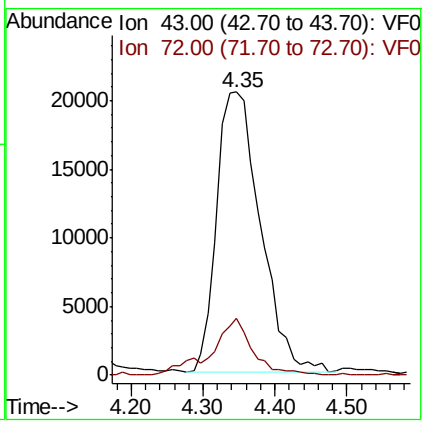




#25
2-Butanone
Concen: 137.255 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 86544

Ion	Ratio	Lower	Upper
43	100		
72	20.1	15.4	23.2



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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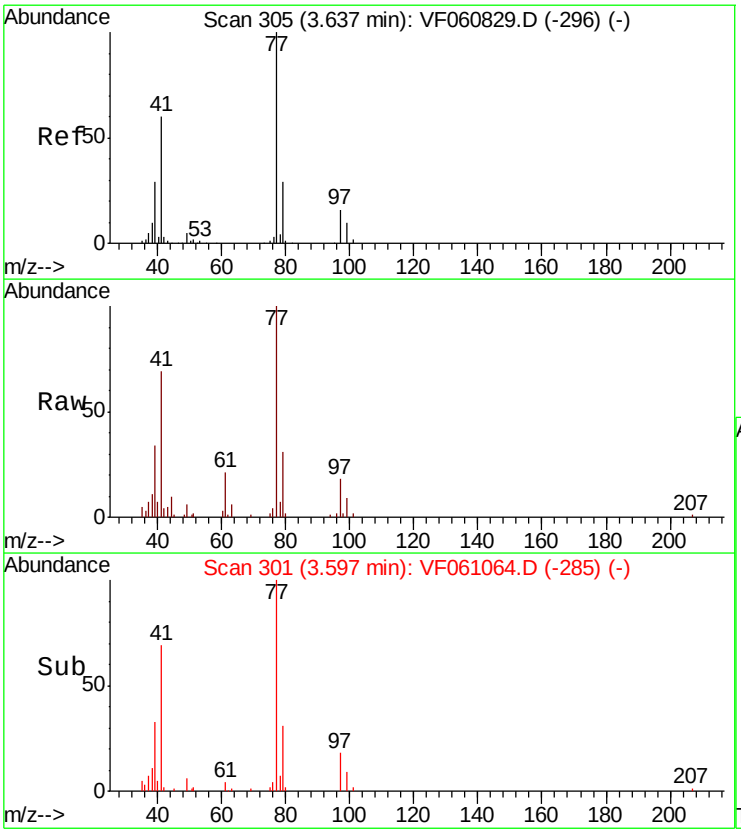
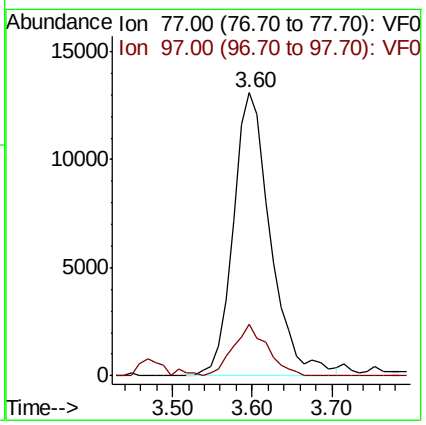
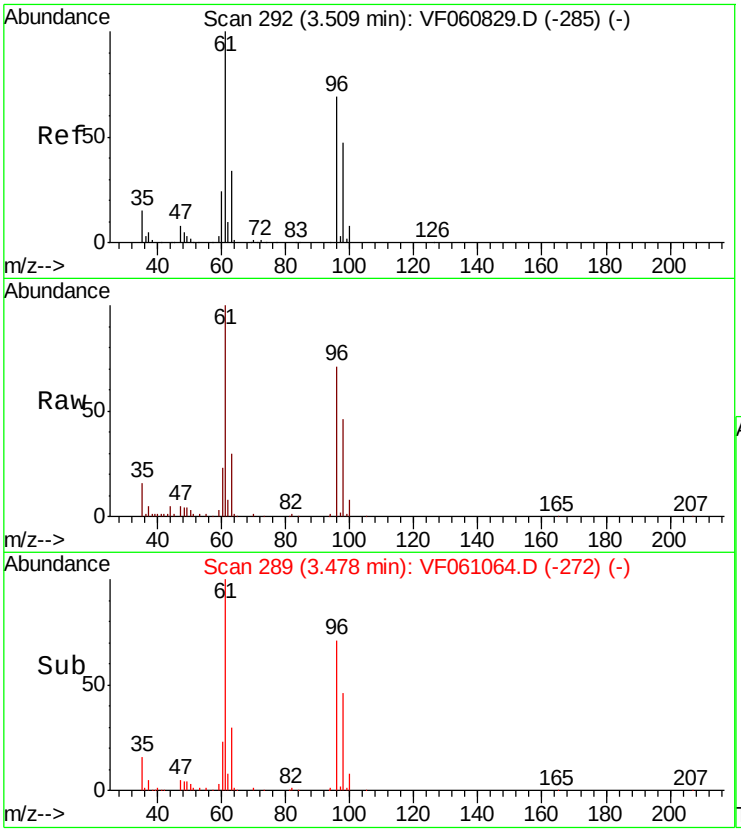


#26
2,2-Dichloropropane
Concen: 24.389 ug/l
RT: 3.60 min Scan# 301
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 77 Resp: 42408

Ion	Ratio	Lower	Upper
77	100		
97	18.2	8.6	25.8

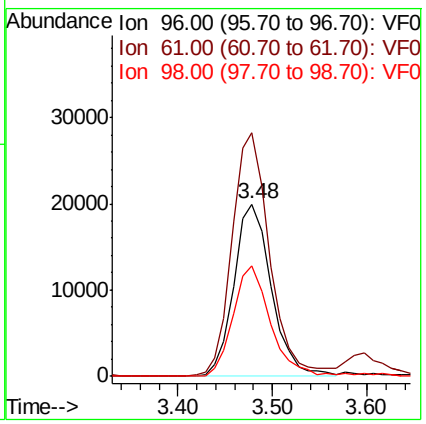




#27
cis-1,2-Dichloroethene
Concen: 26.356 ug/l
RT: 3.48 min Scan# 289
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 96 Resp: 54966

Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	290.6
98	64.4	0.0	137.8



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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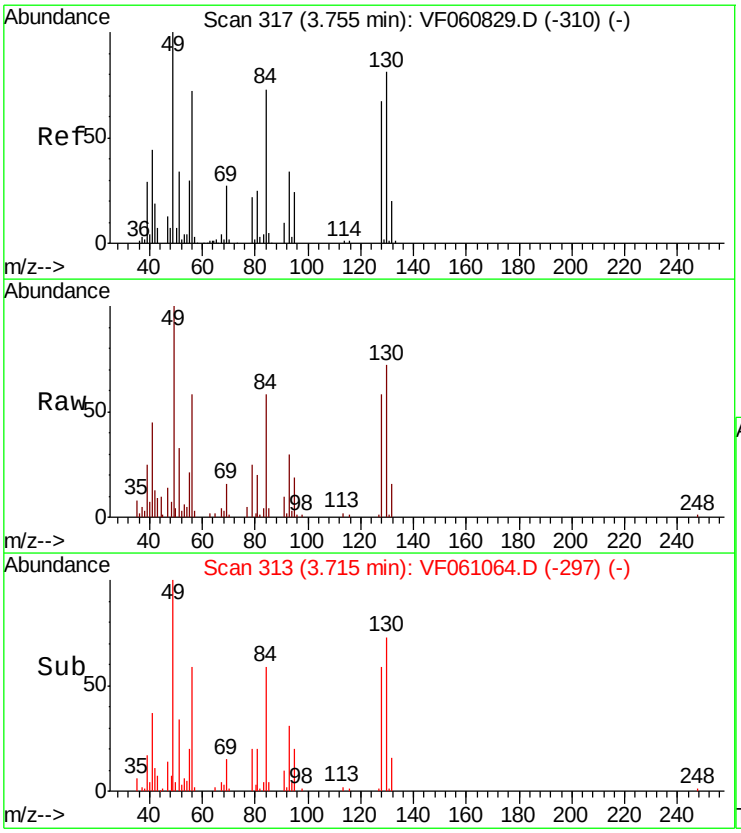
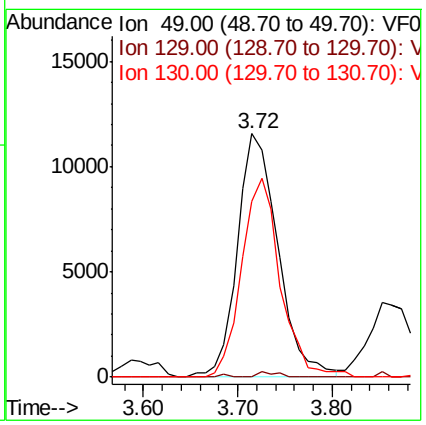
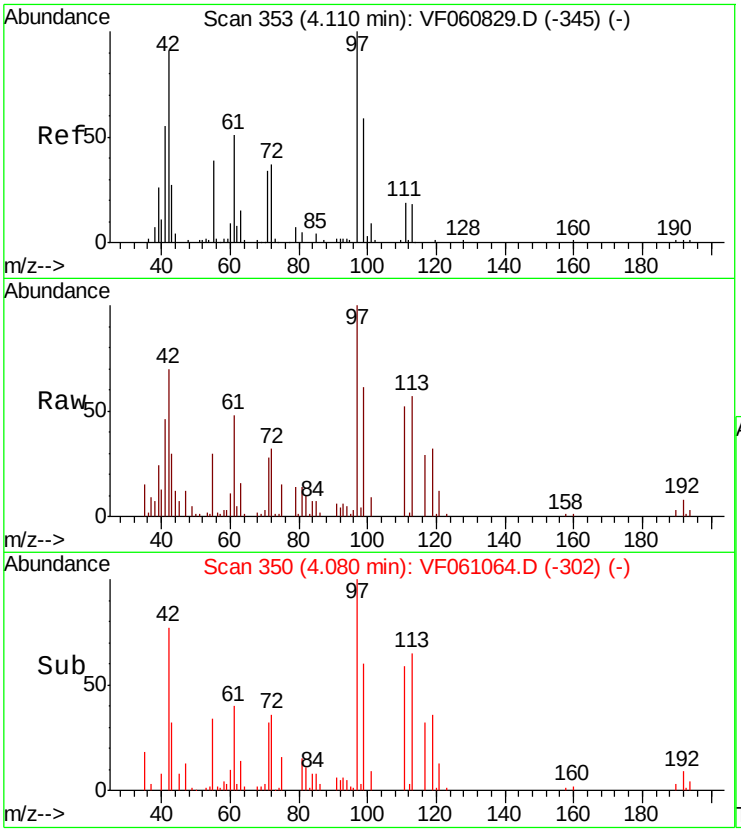


#28
Bromochloromethane
Concen: 26.810 ug/l
RT: 3.72 min Scan# 313
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 49 Resp: 34510

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	72.4	64.2	96.4

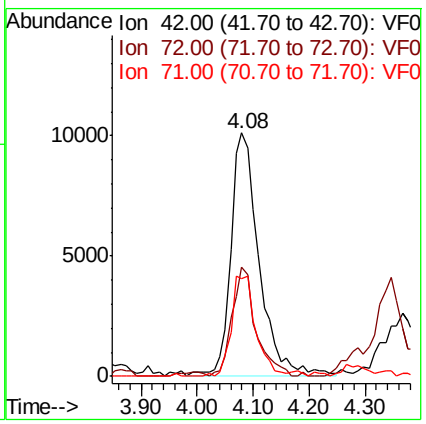




#29
Tetrahydrofuran
Concen: 133.451 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 42 Resp: 35668

Ion	Ratio	Lower	Upper
42	100		
72	37.4	31.9	47.9
71	35.4	28.7	43.1



Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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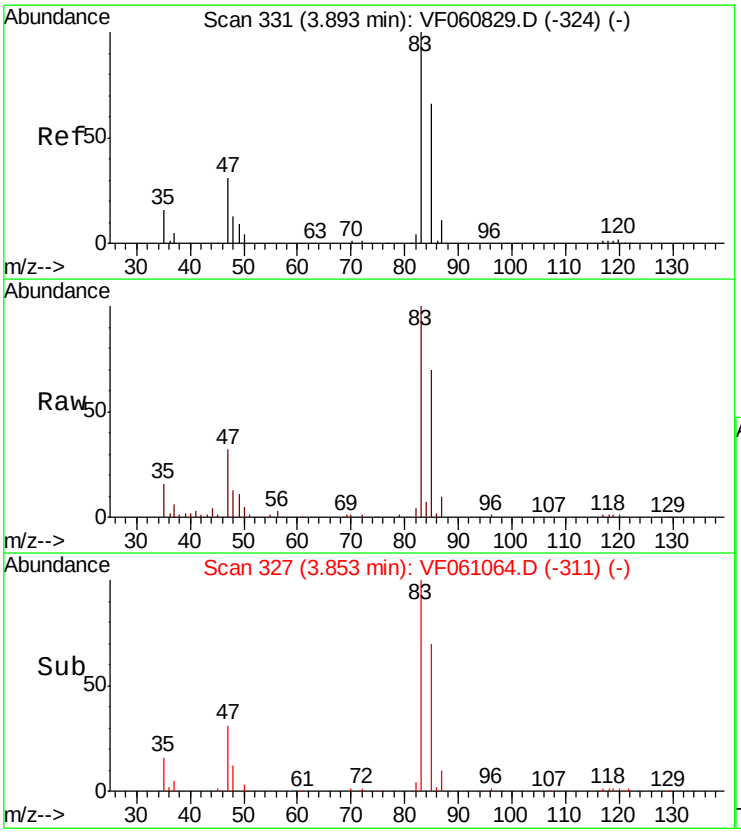
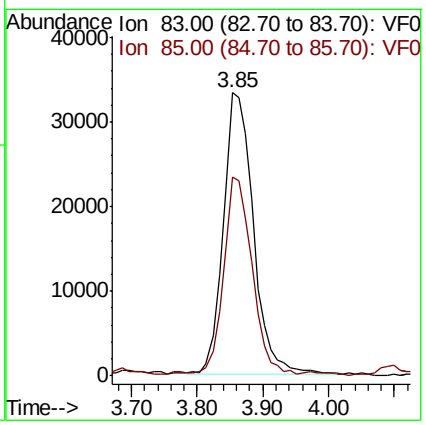
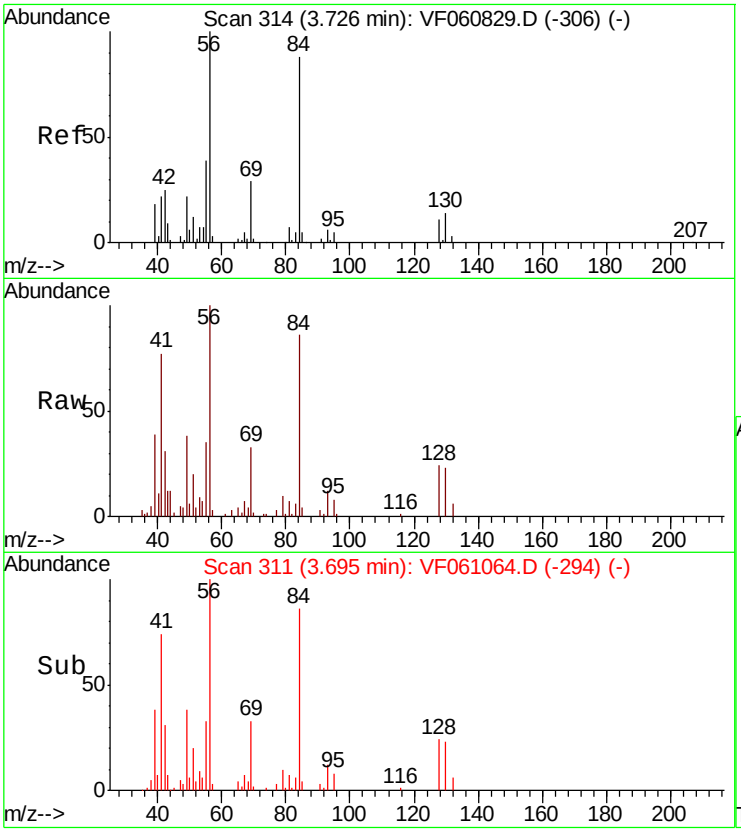


#30
Chloroform
Concen: 25.707 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 83 Resp: 106116

Ion	Ratio	Lower	Upper
83	100		
85	70.2	53.4	80.2

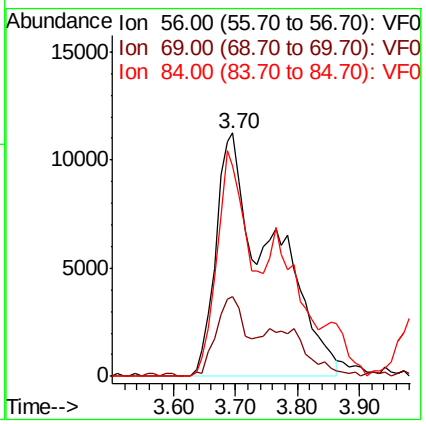




#31
Cyclohexane
Concen: 25.155 ug/l m
RT: 3.70 min Scan# 311
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 56 Resp: 70020

Ion	Ratio	Lower	Upper
56	100		
69	32.7	23.0	34.4
84	86.2	70.4	105.6



Instrument :
MSVOA_F
ClientSampleId :
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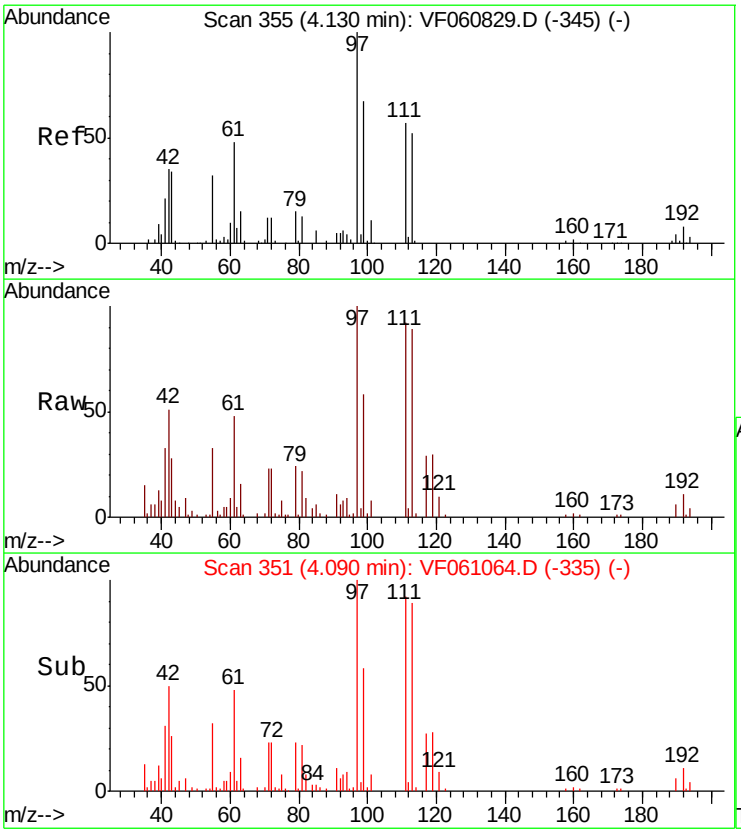
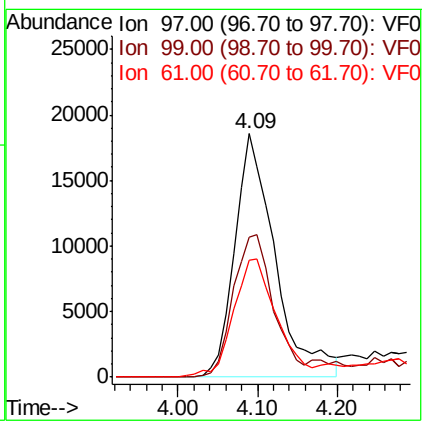
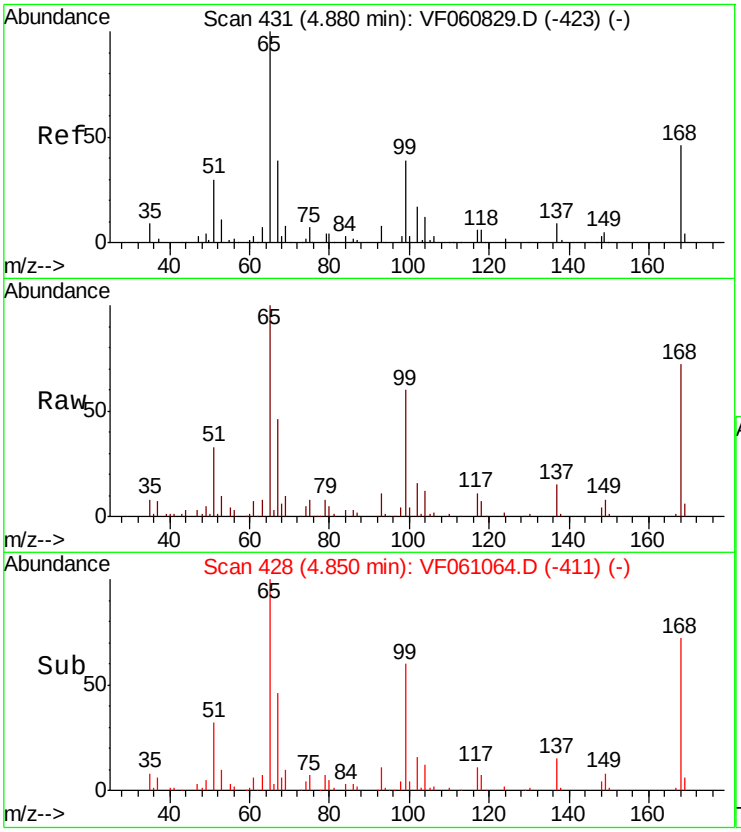


#32
1,1,1-Trichloroethane
Concen: 22.801 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 97 Resp: 65275

Ion	Ratio	Lower	Upper
97	100		
99	57.6	53.5	80.3
61	48.1	38.6	58.0

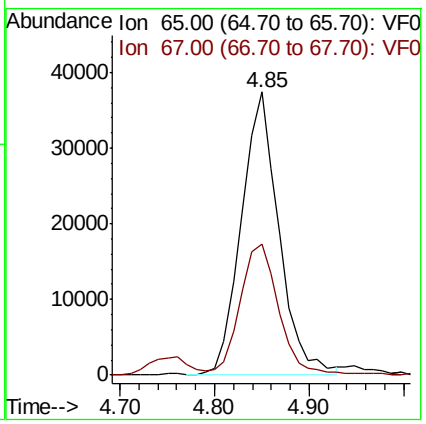




#33
1,2-Dichloroethane-d4
Concen: 52.290 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 65 Resp: 103370

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	96.4



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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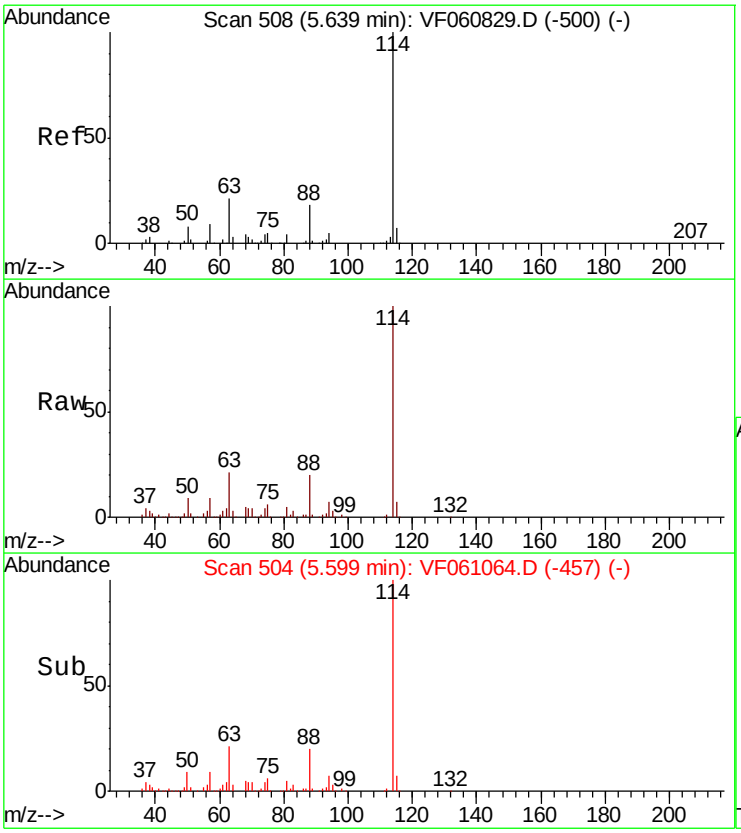
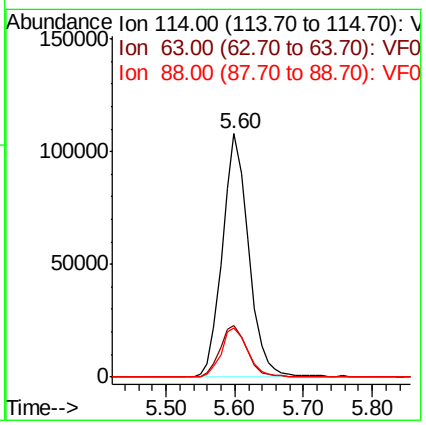
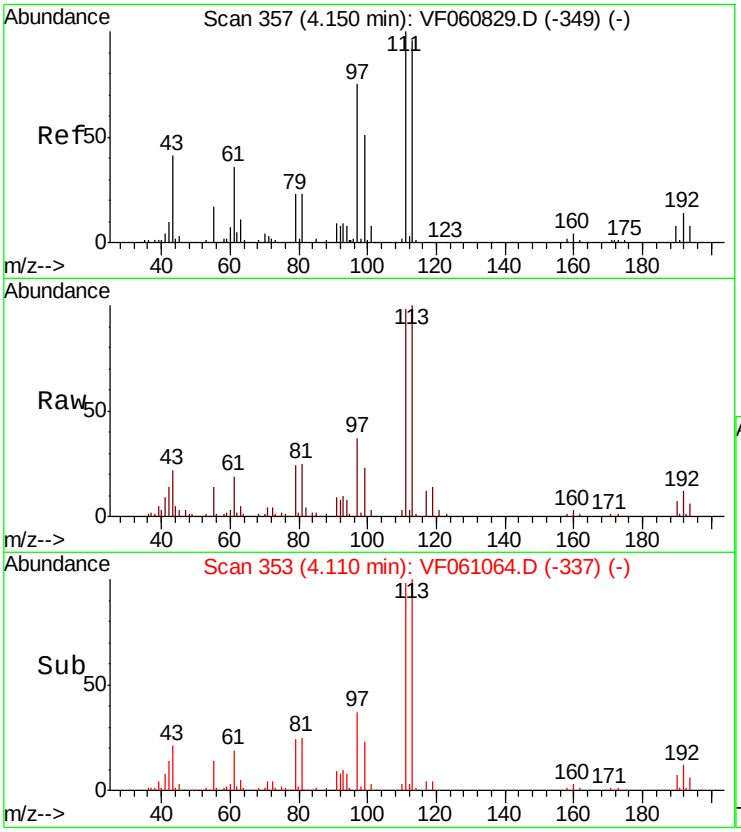


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:114 Resp: 286860

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.6
88	20.1	0.0	36.6

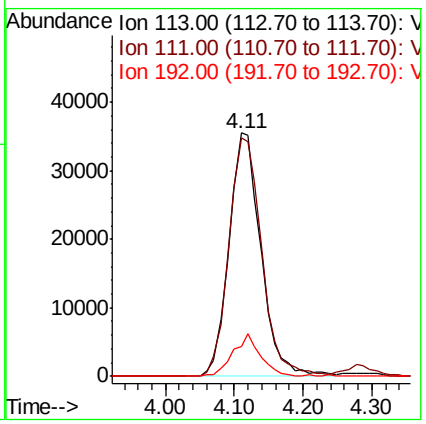




#35
Dibromofluoromethane
Concen: 50.024 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:113 Resp: 113842

Ion	Ratio	Lower	Upper
113	100		
111	98.2	83.0	124.6
192	12.5	12.3	18.5



Instrument :
MSVOA_F
ClientSampleId :
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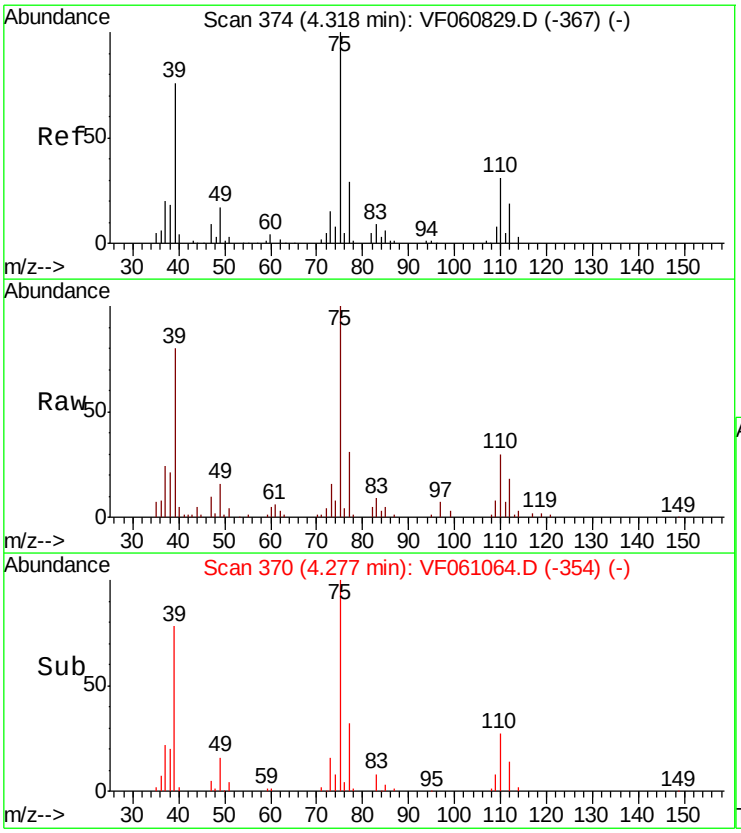
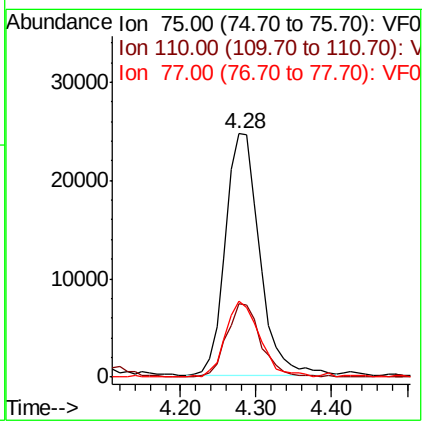
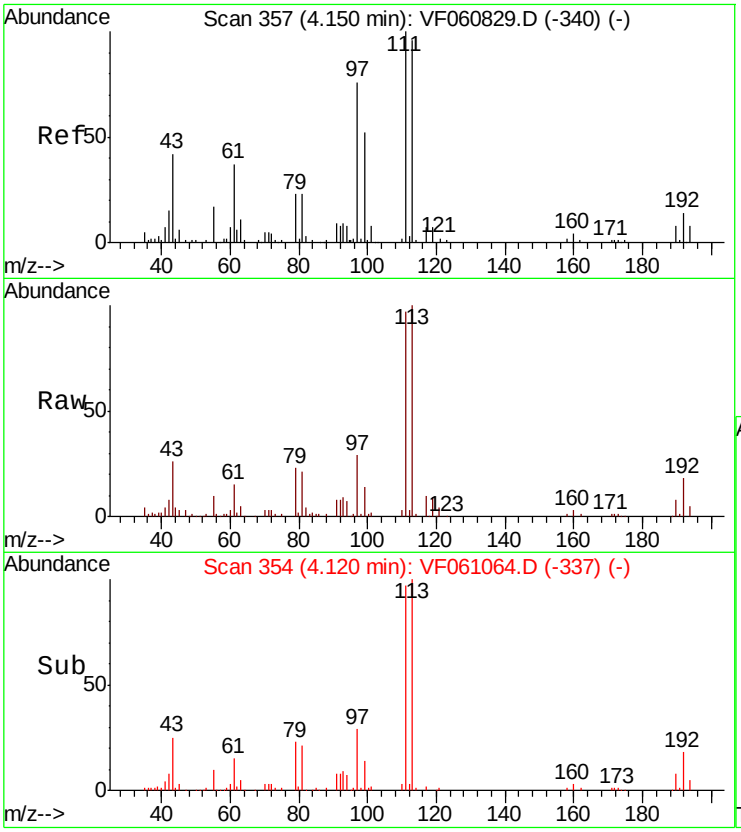


#36
1,1-Dichloropropene
Concen: 24.392 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 75 Resp: 77608

Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.6	46.8
77	31.1	23.4	35.0

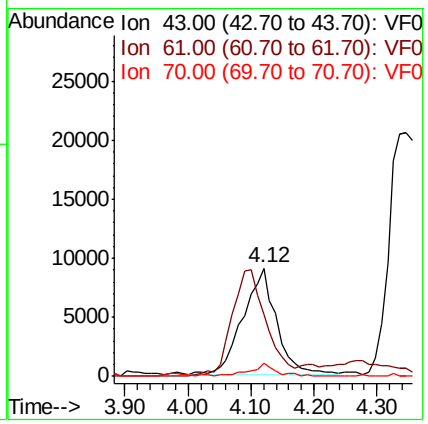




#37
Ethyl Acetate
Concen: 26.587 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 34376

Ion	Ratio	Lower	Upper
43	100		
61	56.6	68.6	103.0#
70	11.7	9.0	13.4



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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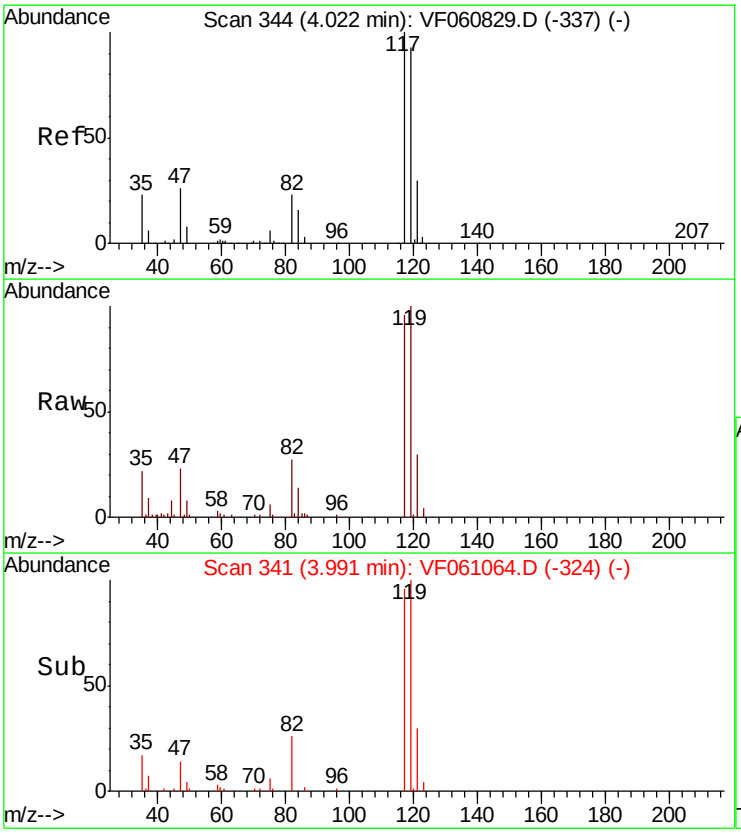
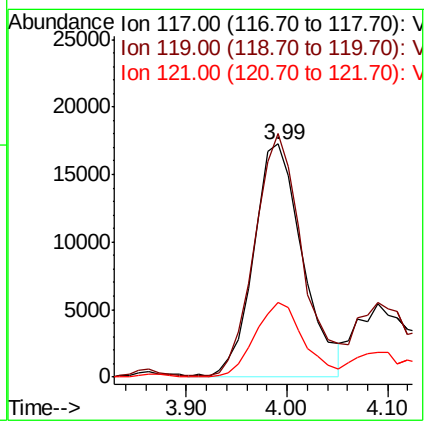
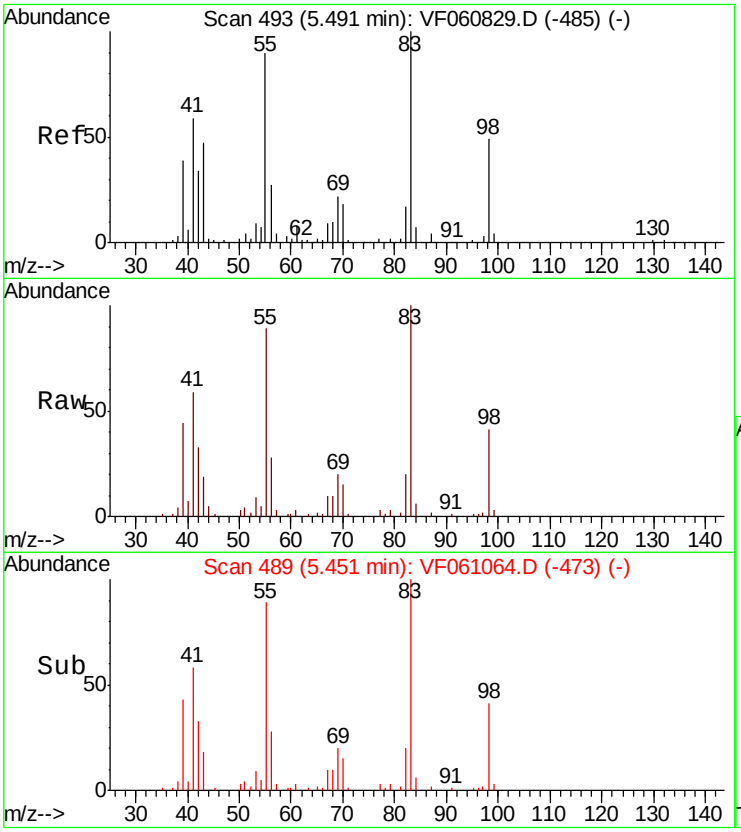


#38
Carbon Tetrachloride
Concen: 20.865 ug/l
RT: 3.99 min Scan# 341
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:117 Resp: 58636

Ion	Ratio	Lower	Upper
117	100		
119	104.4	74.4	111.6
121	31.8	23.5	35.3

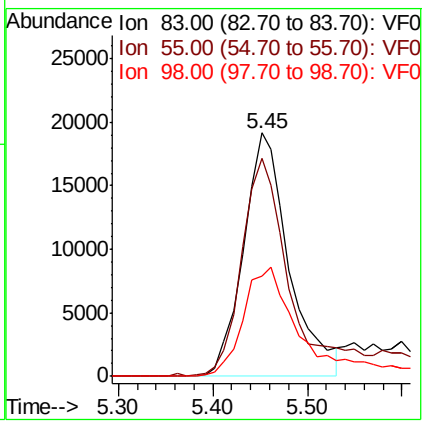




#39
Methylcyclohexane
Concen: 19.223 ug/l
RT: 5.45 min Scan# 489
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 83 Resp: 64099

Ion	Ratio	Lower	Upper
83	100		
55	89.5	72.1	108.1
98	41.0	39.1	58.7



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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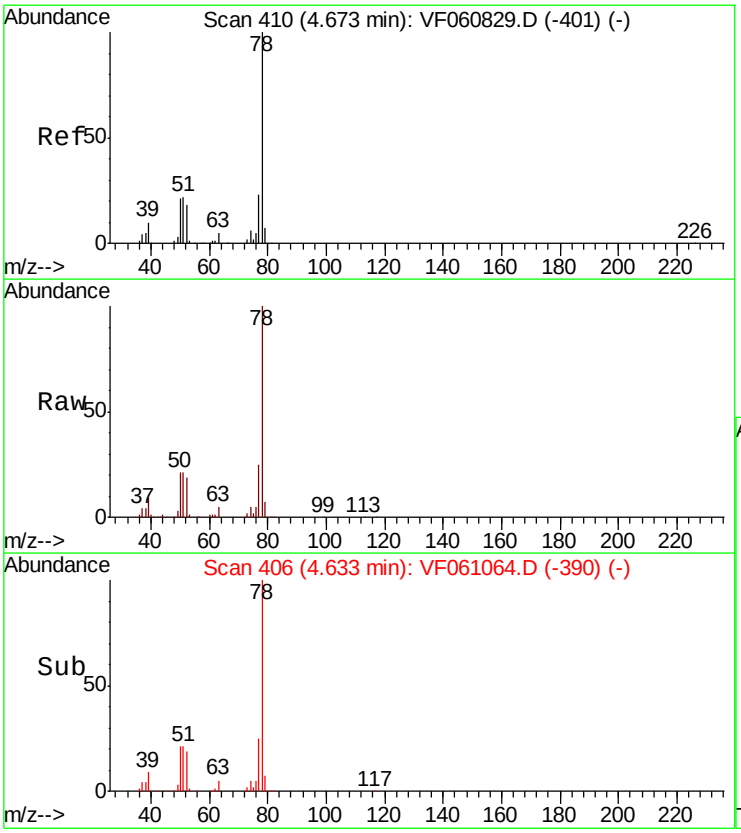
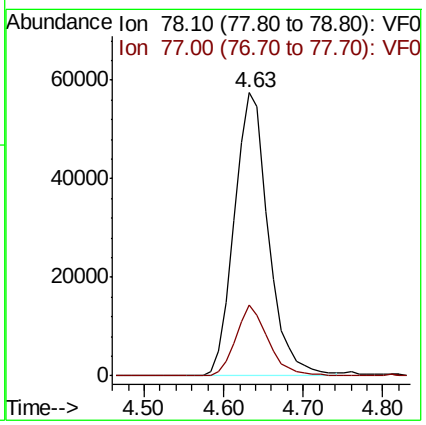
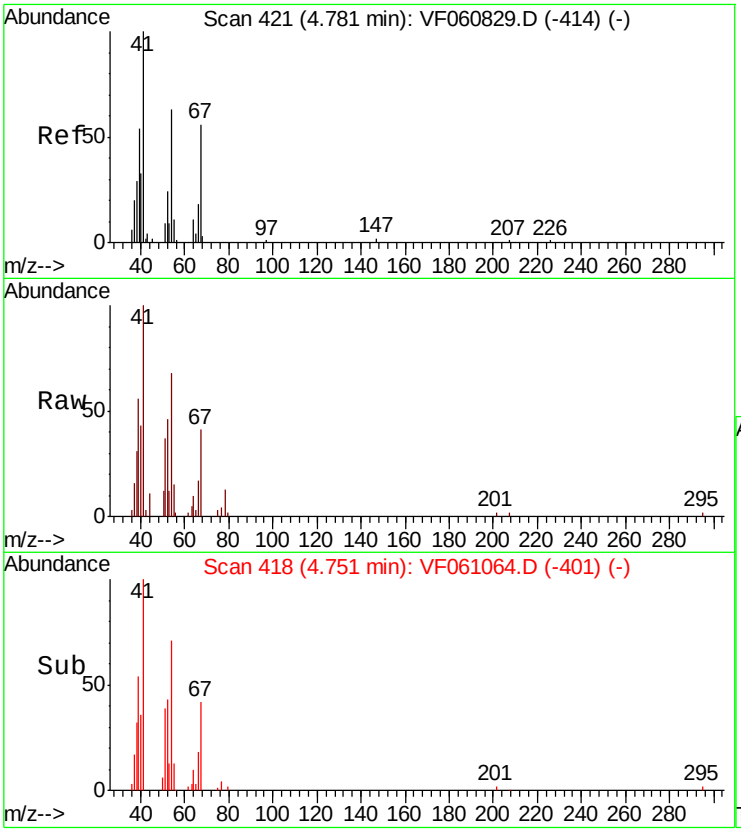


#40
Benzene
Concen: 24.265 ug/l
RT: 4.63 min Scan# 406
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 78 Resp: 170562

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.7	28.1

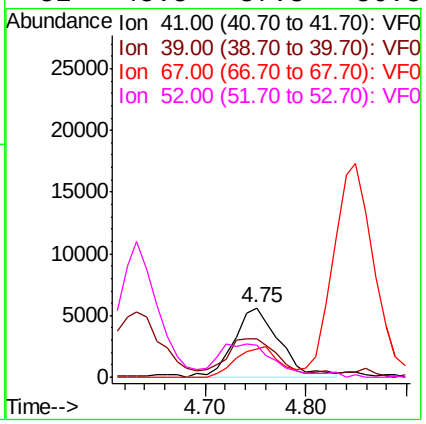




#41
Methacrylonitrile
Concen: 24.170 ug/l
RT: 4.75 min Scan# 418
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 41 Resp: 17522

Ion	Ratio	Lower	Upper
41	100		
39	56.2	53.0	79.6
67	40.7	43.8	65.6#
52	45.5	37.8	56.8



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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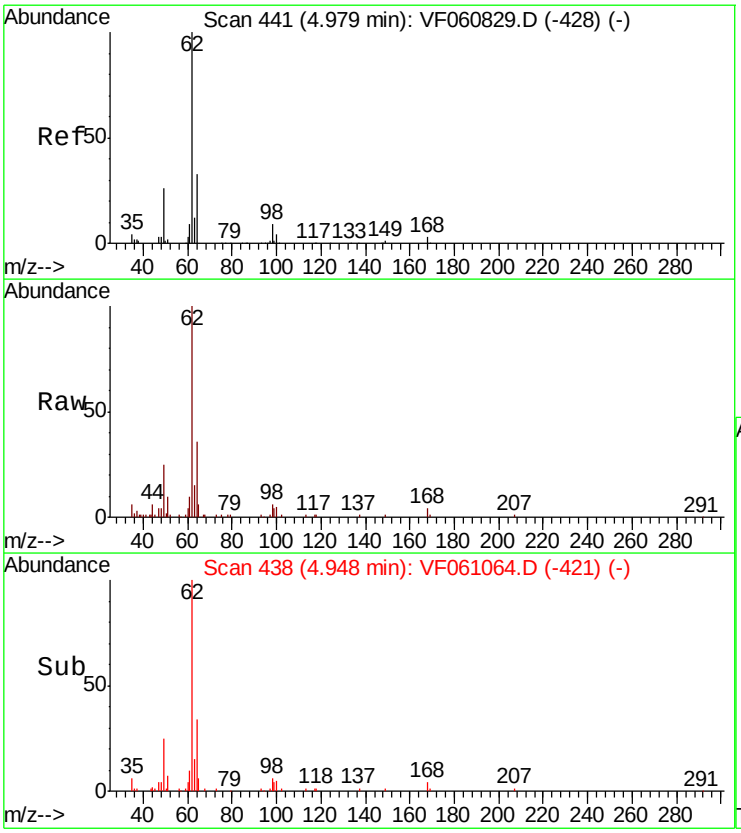
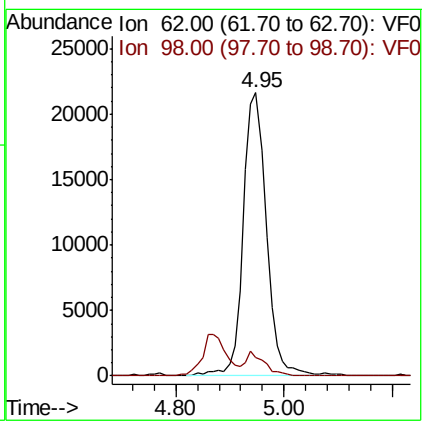
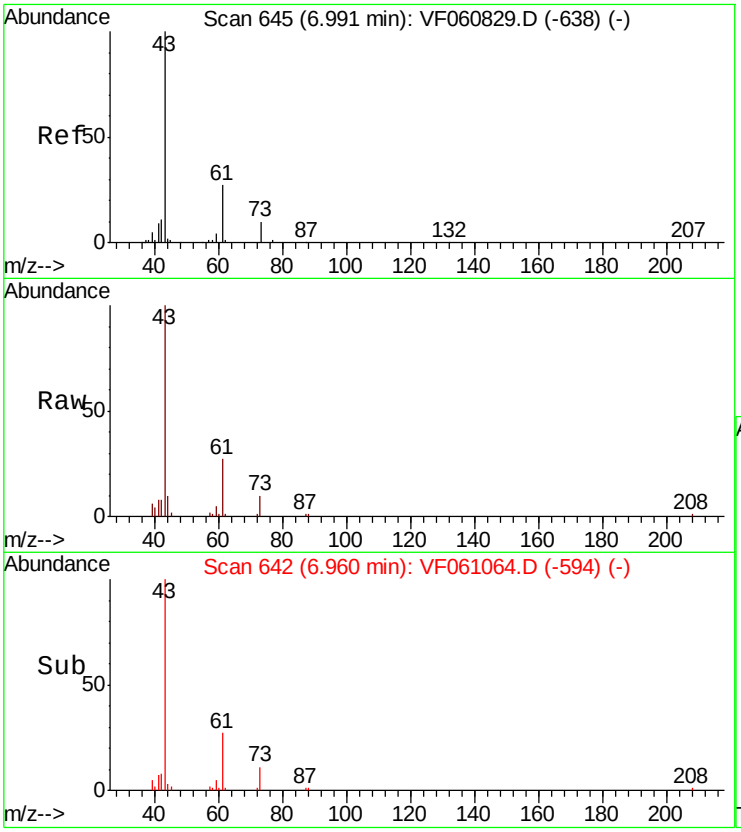


#42
1,2-Dichloroethane
Concen: 25.169 ug/l
RT: 4.95 min Scan# 438
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 62 Resp: 64588

Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	17.2

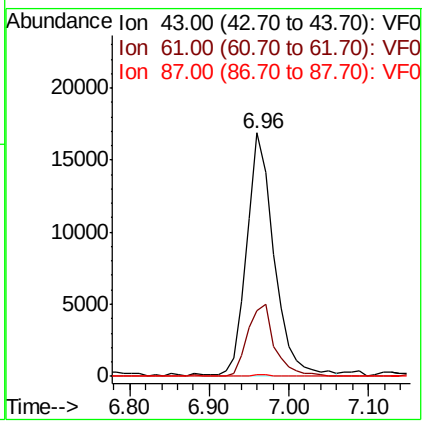




#43
Isopropyl Acetate
Concen: 23.757 ug/l
RT: 6.96 min Scan# 642
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 40177

Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.4	32.0
87	0.9	0.2	0.4#



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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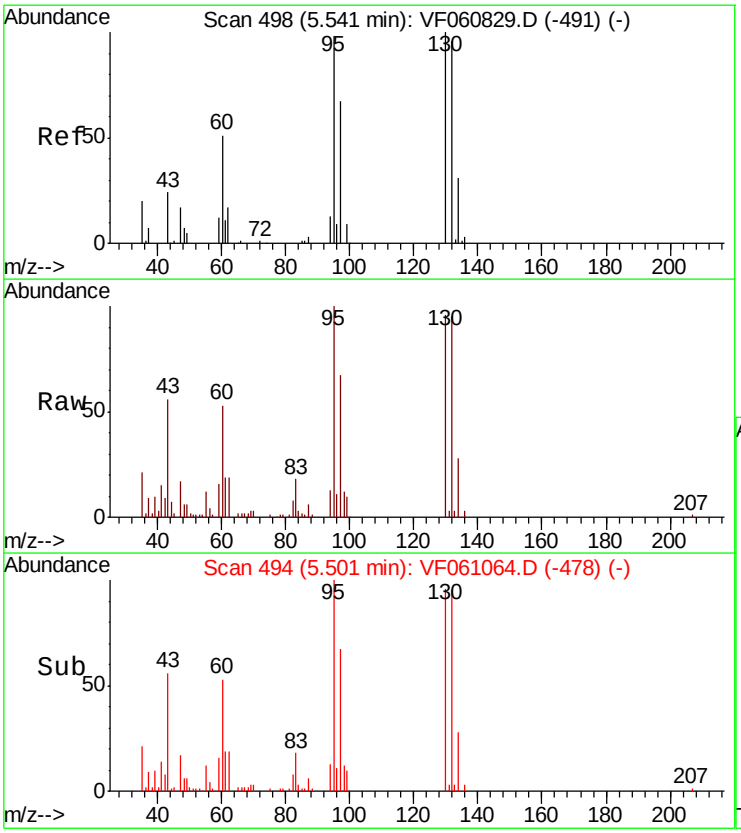
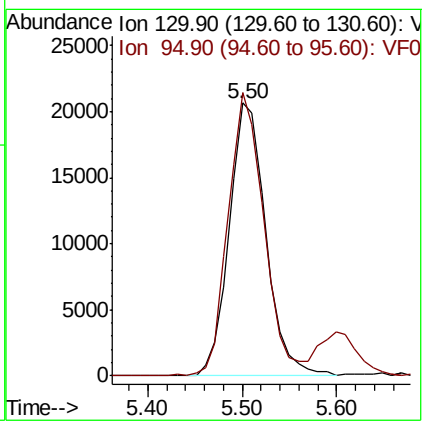
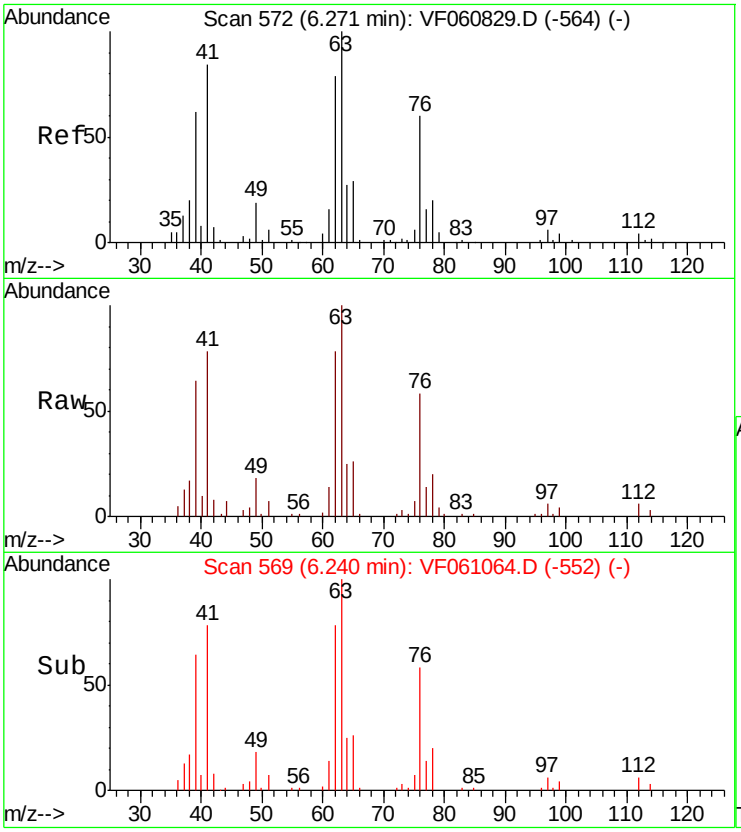


#44
Trichloroethene
Concen: 24.084 ug/l
RT: 5.50 min Scan# 494
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:130 Resp: 55353

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	195.6

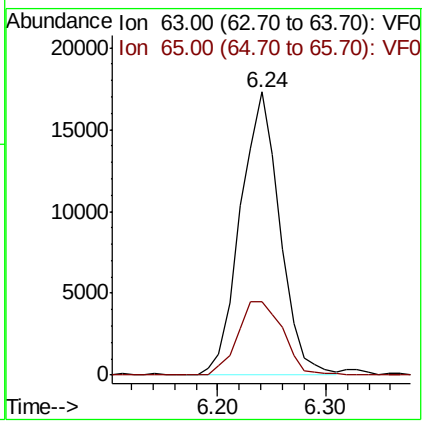




#45
1,2-Dichloropropane
Concen: 24.106 ug/l
RT: 6.24 min Scan# 569
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 63 Resp: 44008

Ion	Ratio	Lower	Upper
63	100		
65	25.8	23.2	34.8



Instrument :
MSVOA_F
ClientSampleId :
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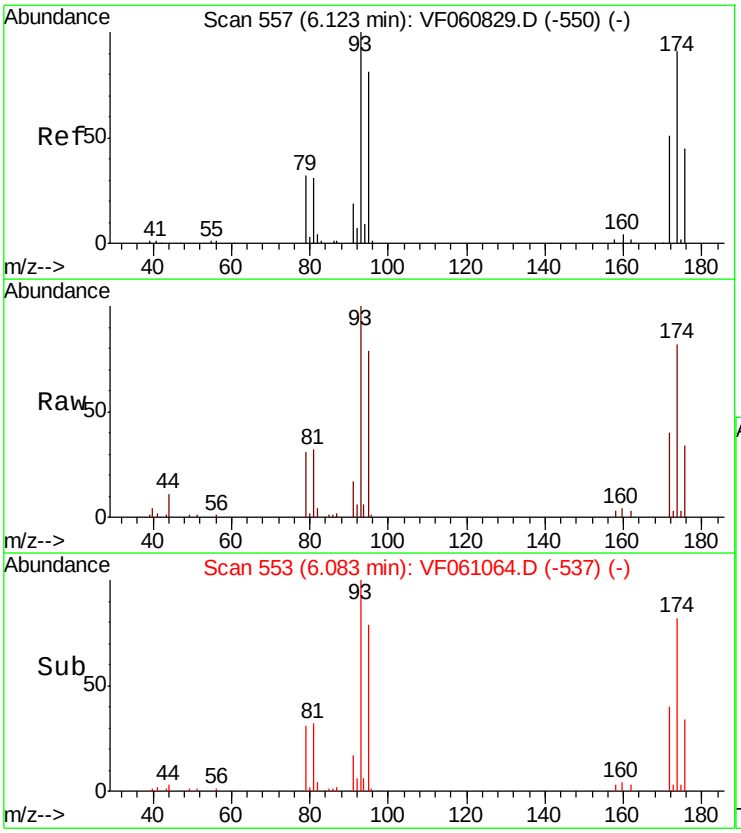
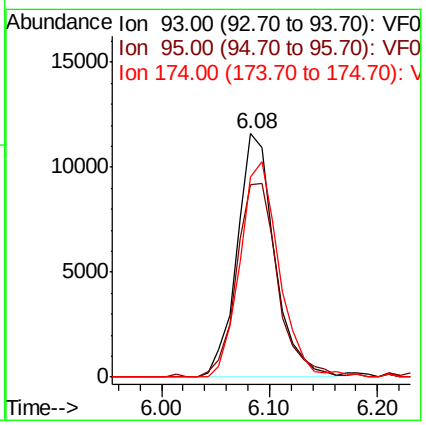
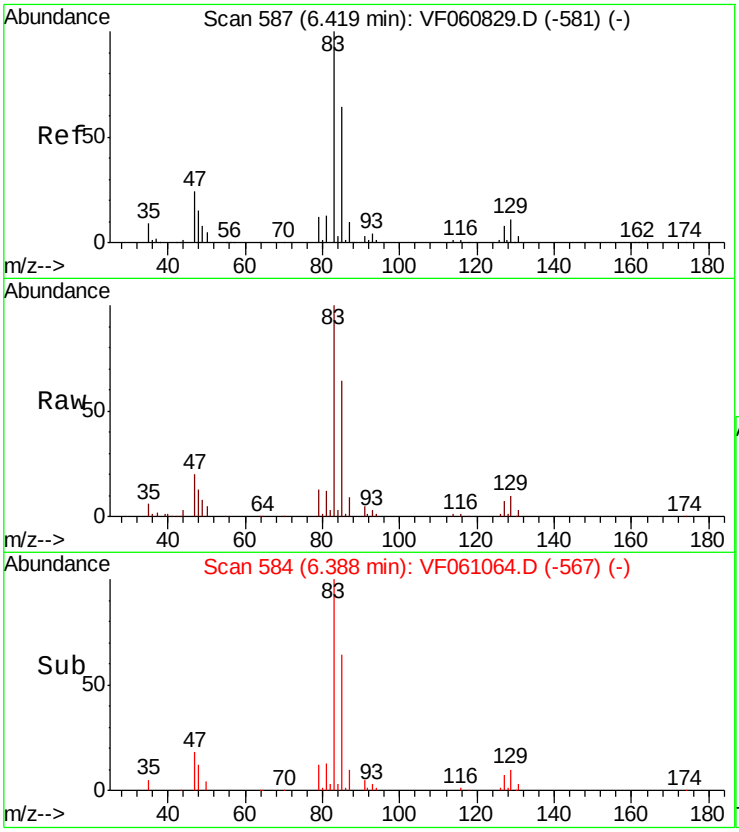


#46
Dibromomethane
Concen: 22.691 ug/l
RT: 6.08 min Scan# 553
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 93 Resp: 28101

Ion	Ratio	Lower	Upper
93	100		
95	80.5	64.7	97.1
174	82.4	73.0	109.6

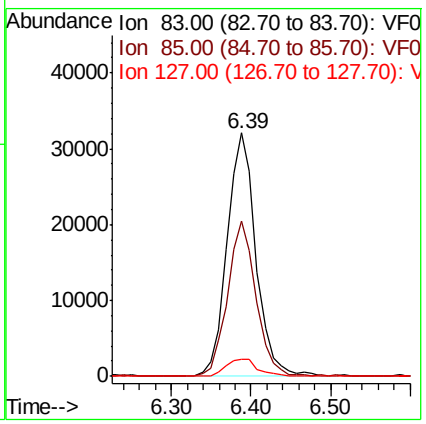




#47
Bromodichloromethane
Concen: 24.740 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 83 Resp: 81376

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7
127	7.1	6.8	10.2



Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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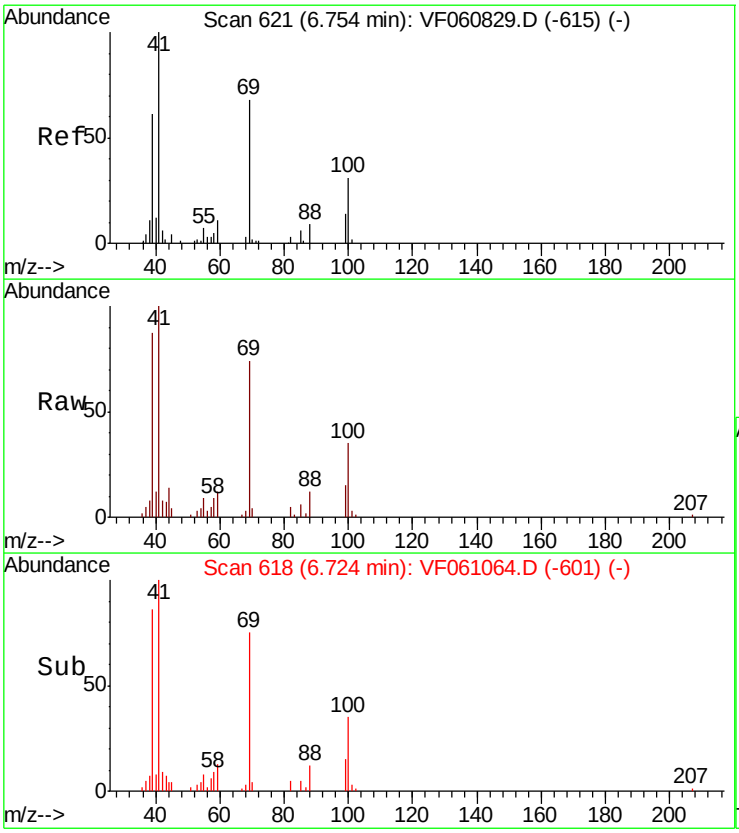
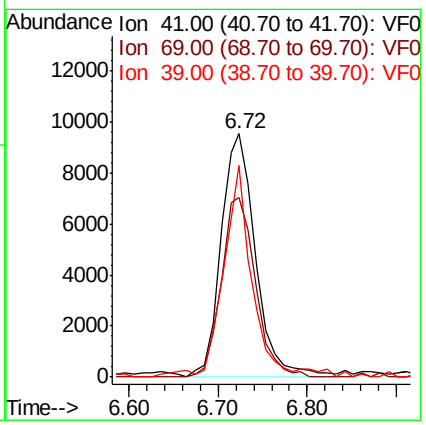
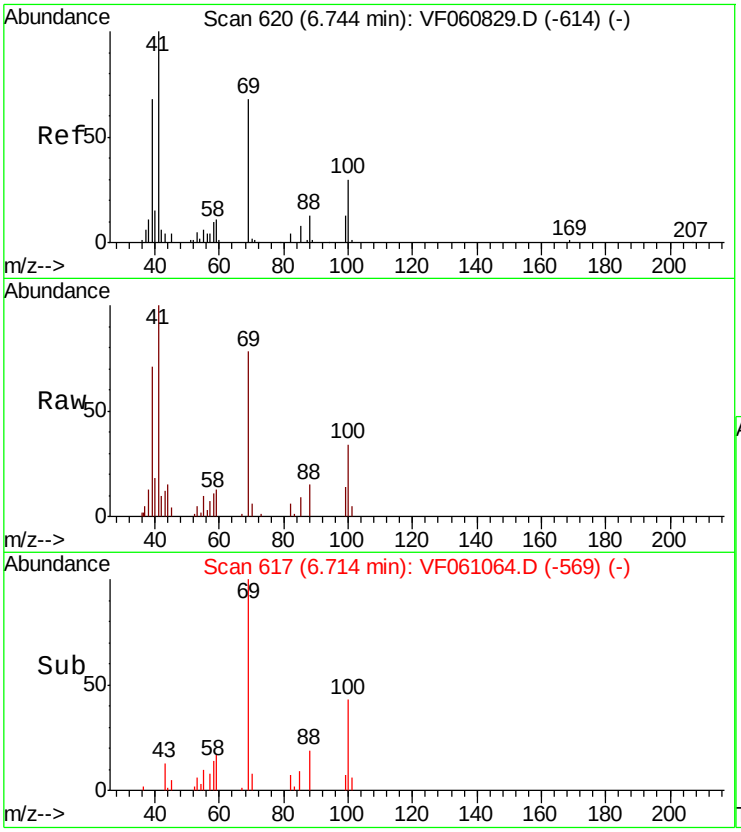


#48
Methyl methacrylate
Concen: 22.148 ug/l
RT: 6.72 min Scan# 618
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 41 Resp: 25921

Ion	Ratio	Lower	Upper
41	100		
69	73.7	53.9	80.9
39	86.9	49.0	73.6#

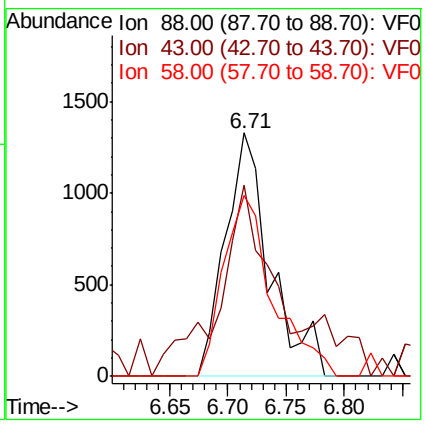




#49
1,4-Dioxane
Concen: 411.179 ug/l
RT: 6.71 min Scan# 617
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 88 Resp: 3522

Ion	Ratio	Lower	Upper
88	100		
43	78.7	42.0	63.0#
58	74.3	61.8	92.8



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
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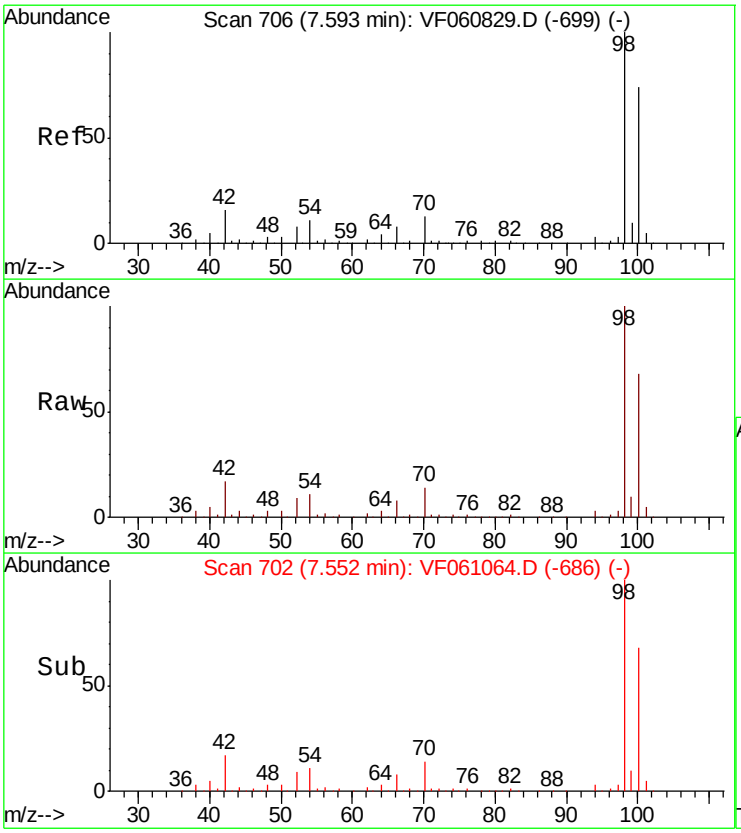
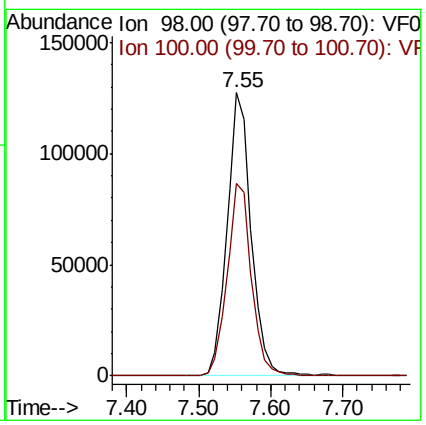
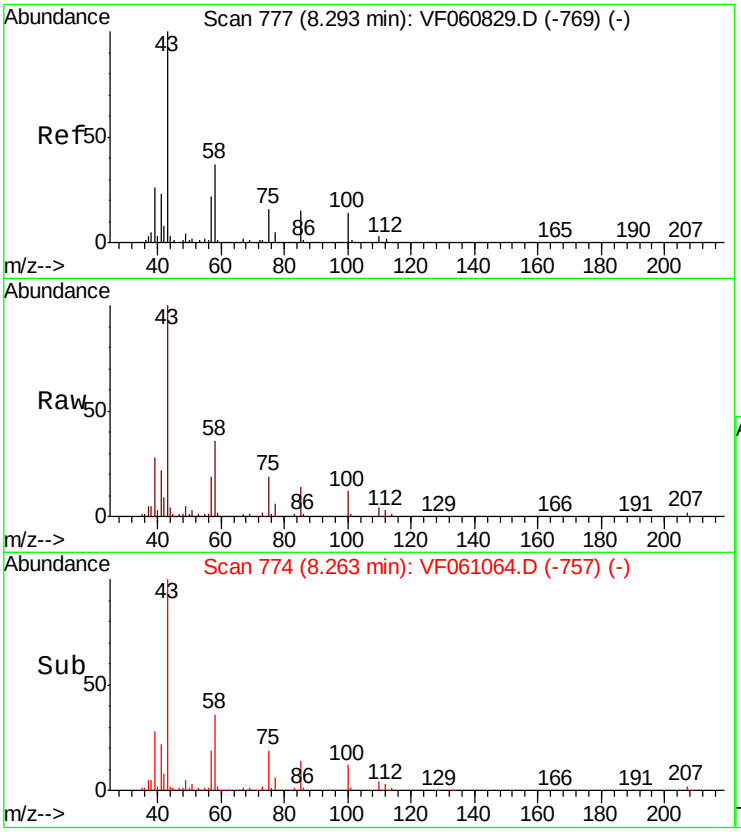


#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 98 Resp: 295845

Ion	Ratio	Lower	Upper
98	100		
100	68.2	59.3	88.9

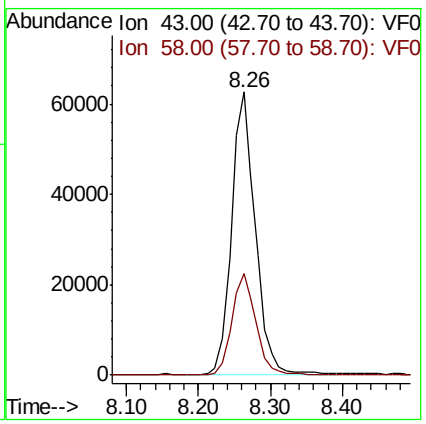




#51
4-Methyl-2-Pentanone
Concen: 120.912 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 144168

Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.7	44.5



Instrument :
MSVOA_F
ClientSampleId :
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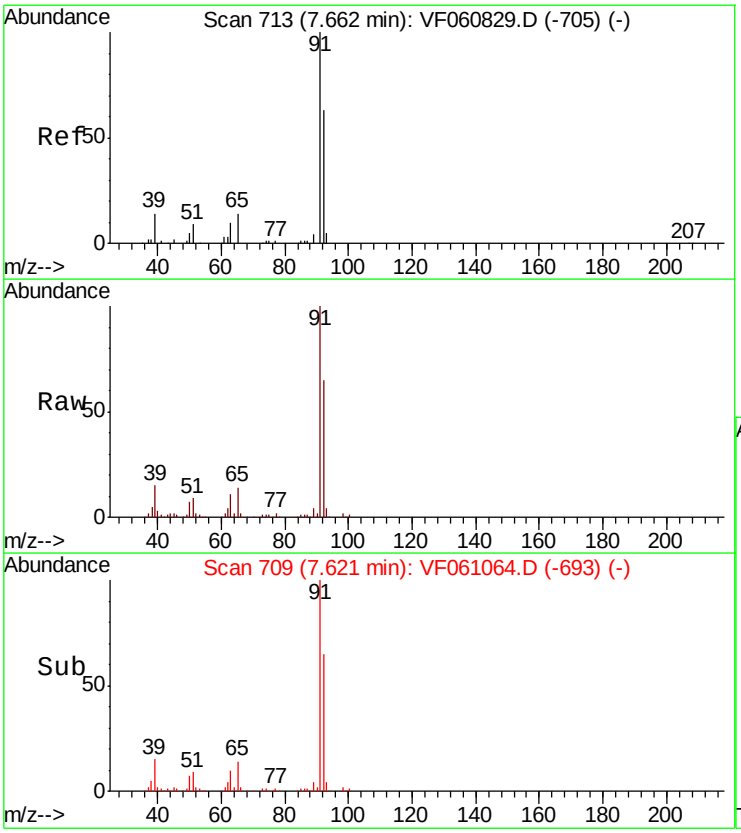
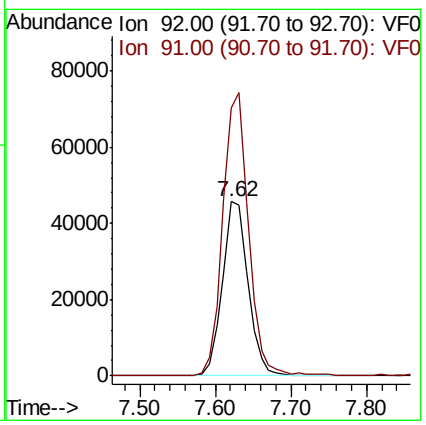
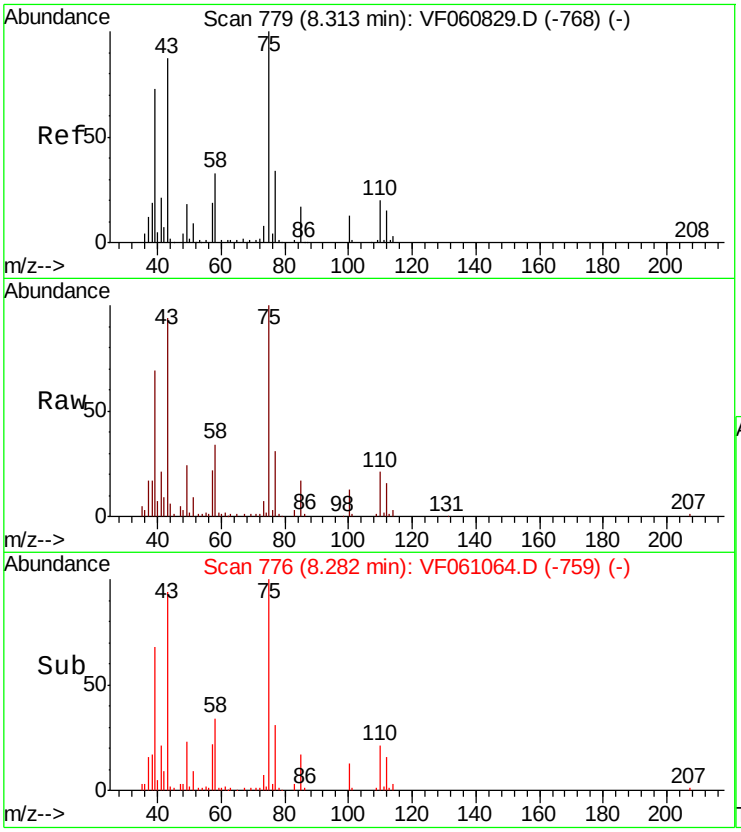


#52
Toluene
Concen: 21.846 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 92 Resp: 107863

Ion	Ratio	Lower	Upper
92	100		
91	153.6	126.2	189.2





#53
t-1,3-Dichloropropene
Concen: 23.658 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 75 Resp: 63295

Ion	Ratio	Lower	Upper
75	100		
77	30.8	27.4	41.2

Instrument :
MSVOA_F
ClientSampleId :
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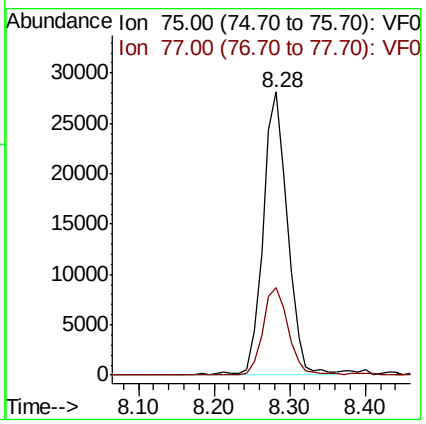
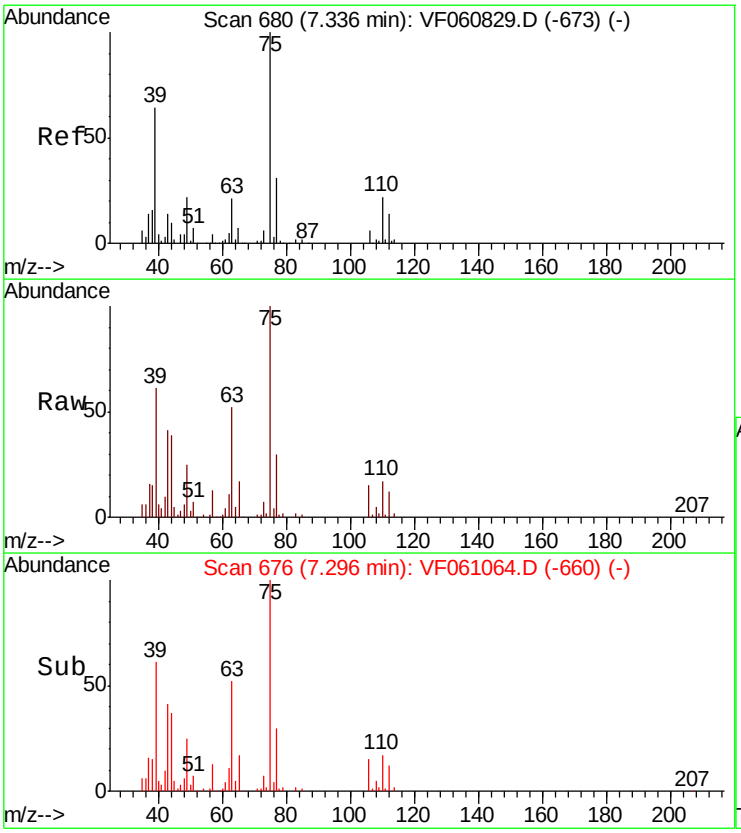
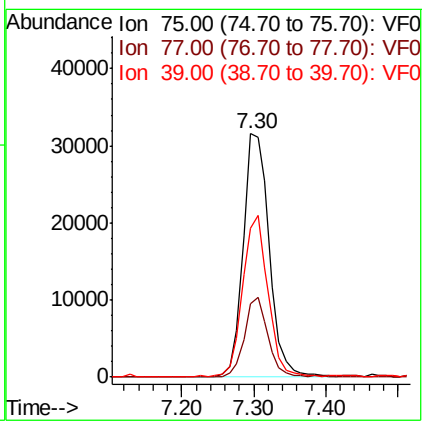


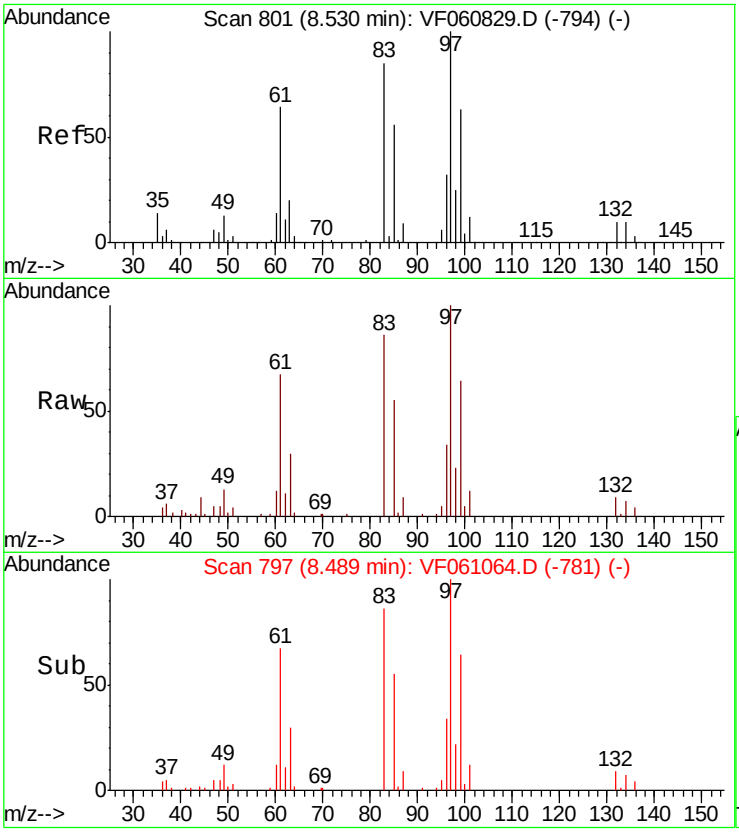


#54
cis-1,3-Dichloropropene
Concen: 24.188 ug/l
RT: 7.30 min Scan# 676
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 75 Resp: 80113

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.6
39	61.2	51.1	76.7

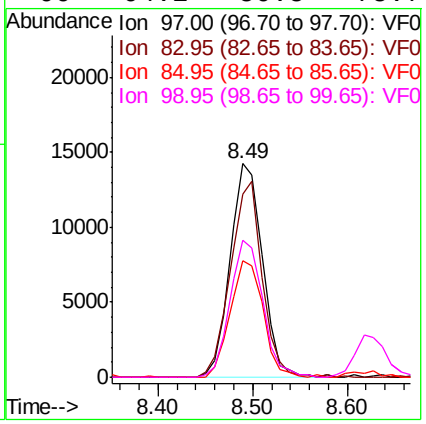




#55
1,1,2-Trichloroethane
Concen: 23.443 ug/l
RT: 8.49 min Scan# 797
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 97 Resp: 33727

Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.6
85	54.8	45.0	67.6
99	64.2	50.5	75.7



Instrument :
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ClientSampleId :
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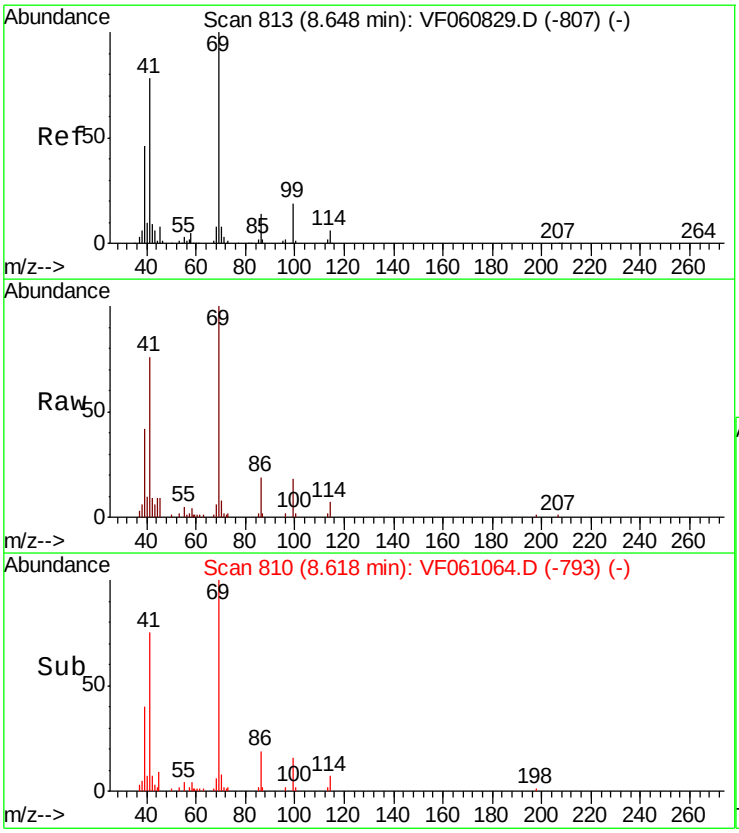
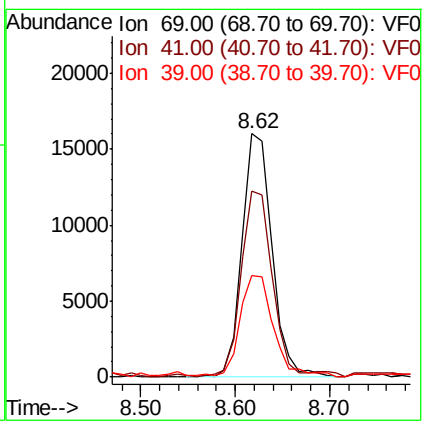
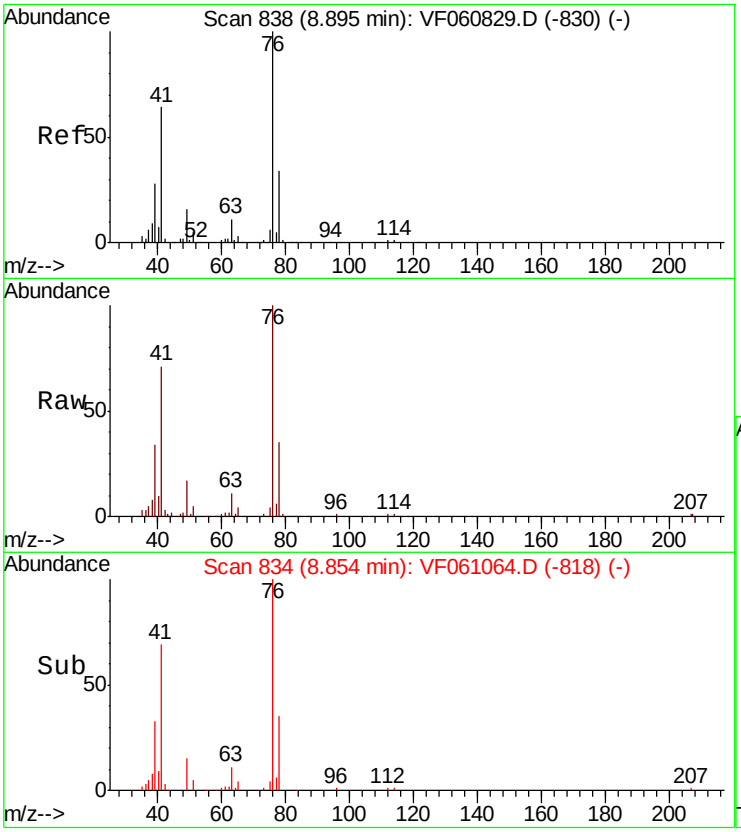


#56
Ethyl methacrylate
Concen: 22.097 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 69 Resp: 35316

Ion	Ratio	Lower	Upper
69	100		
41	76.4	62.6	94.0
39	41.8	37.8	56.6





#57
1,3-Dichloropropane
Concen: 24.302 ug/l
RT: 8.85 min Scan# 834
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 76 Resp: 61170

Ion	Ratio	Lower	Upper
76	100		
78	35.3	27.0	40.4

Instrument :
MSVOA_F
ClientSampleId :
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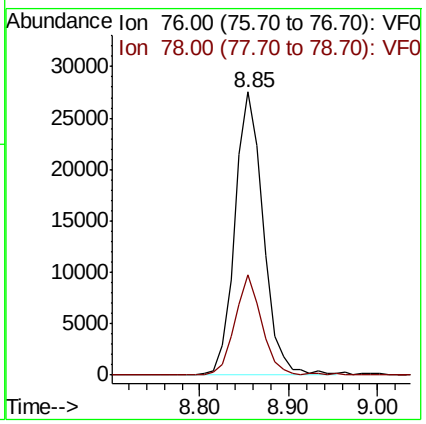
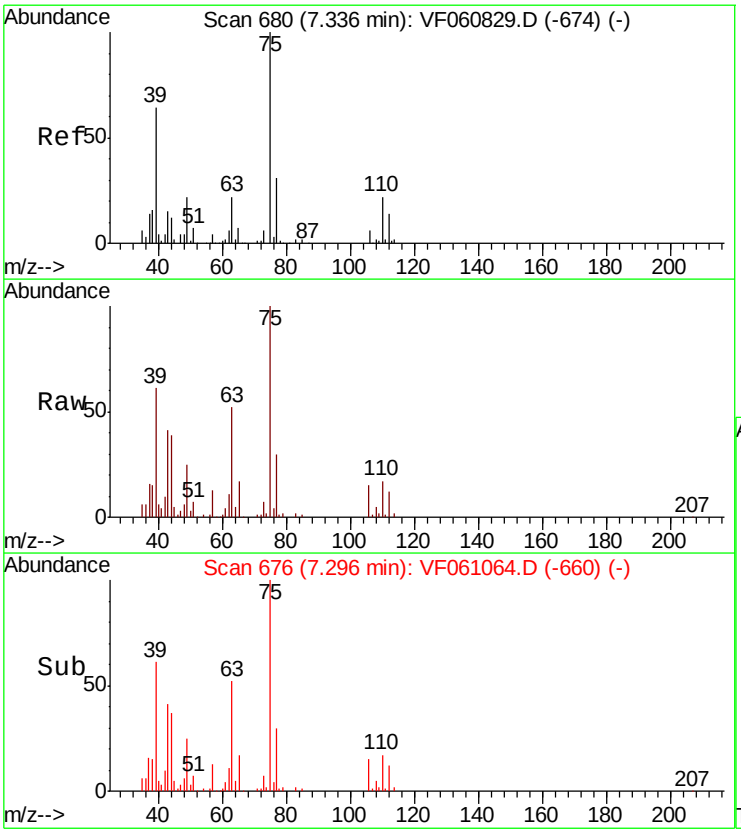
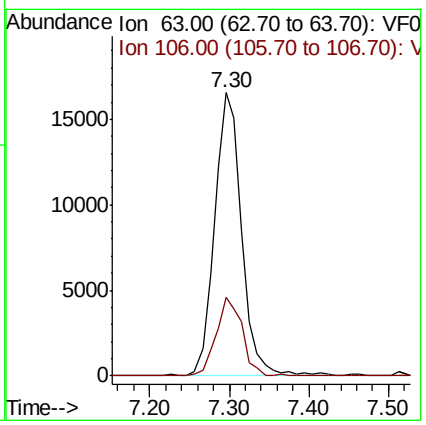


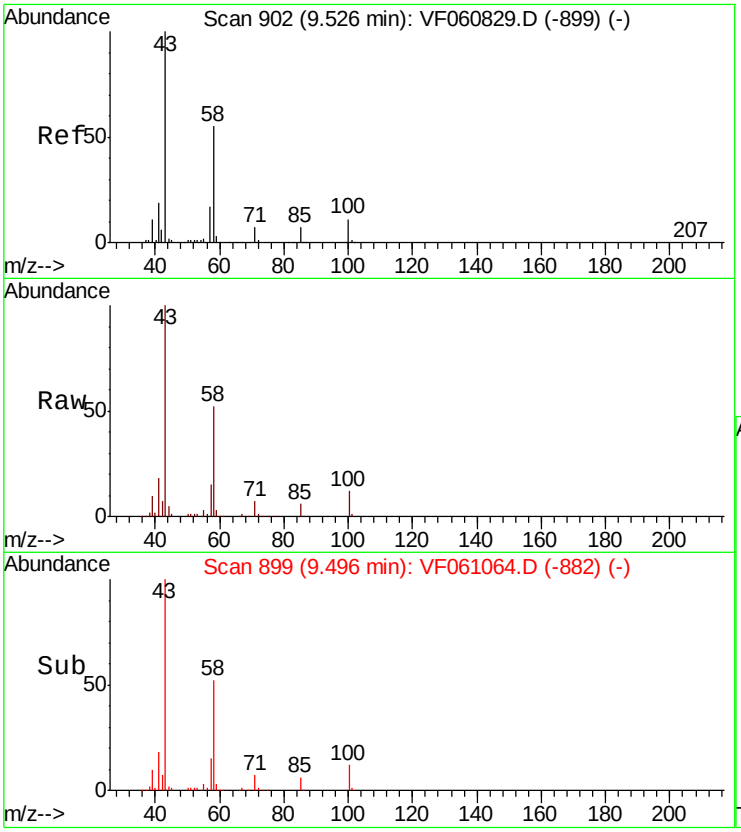


#58
2-Chloroethyl Vinyl ether
Concen: 242.004 ug/l
RT: 7.30 min Scan# 676
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 63 Resp: 39561

Ion	Ratio	Lower	Upper
63	100		
106	27.8	23.0	34.6

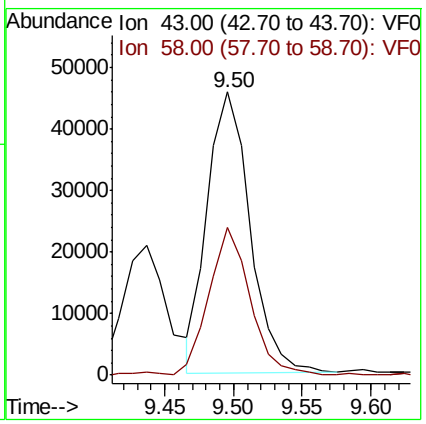




#59
2-Hexanone
Concen: 117.522 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 98307

Ion	Ratio	Lower	Upper
43	100		
58	52.3	25.6	76.6



Instrument :
MSVOA_F
ClientSampleId :
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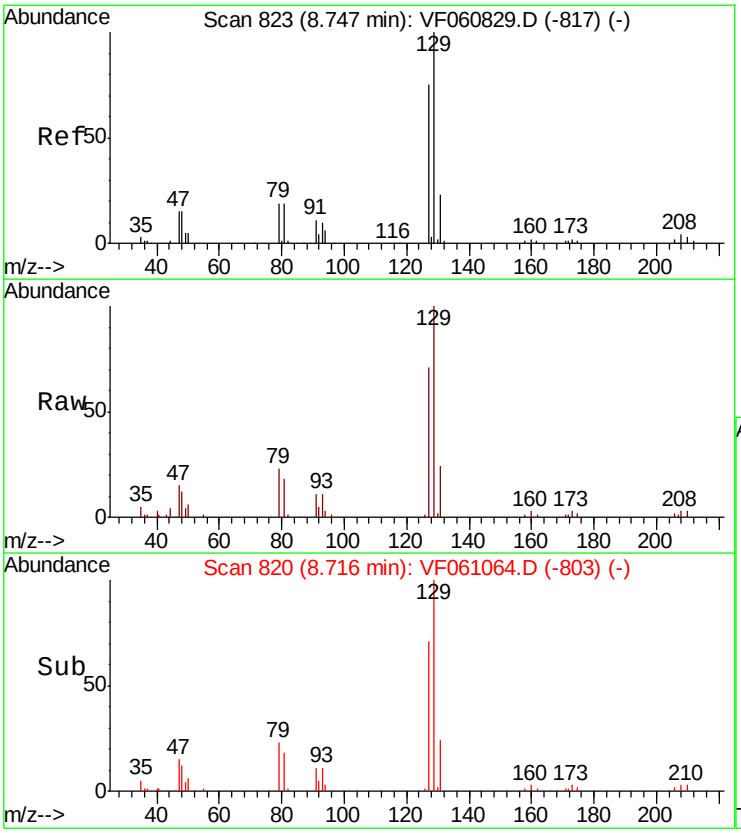
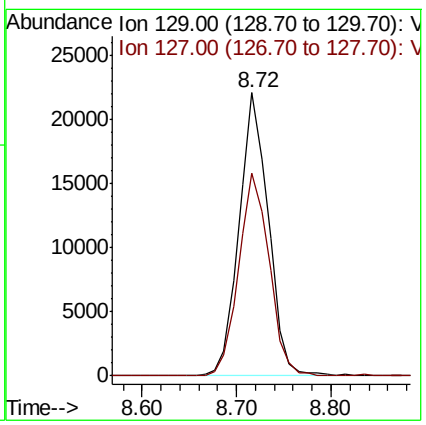
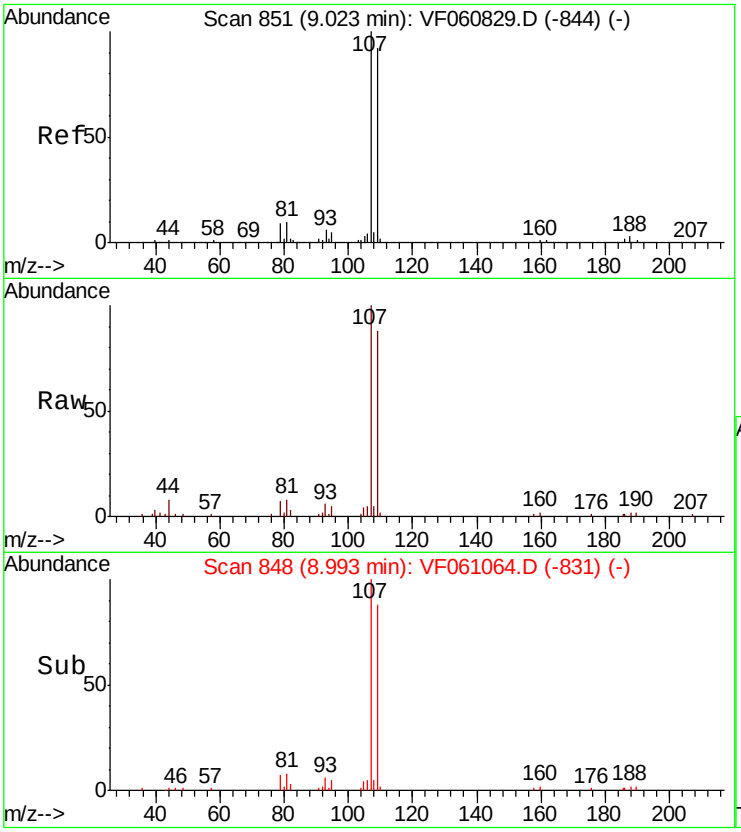


#60
Dibromochloromethane
Concen: 22.066 ug/l
RT: 8.72 min Scan# 820
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:129 Resp: 47301

Ion	Ratio	Lower	Upper
129	100		
127	71.5	37.3	111.9





#61
1,2-Dibromoethane
Concen: 23.702 ug/l
RT: 8.99 min Scan# 848
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:107 Resp: 36838

Ion	Ratio	Lower	Upper
107	100		
109	87.8	73.6	110.4

Instrument :
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ClientSampleId :
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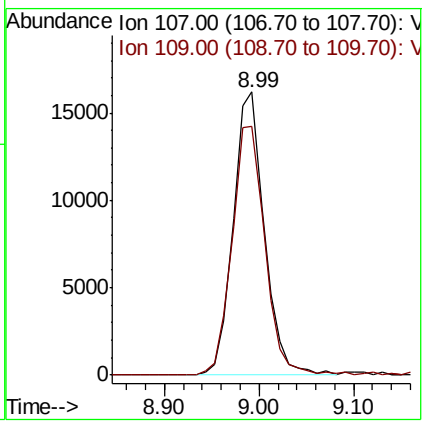
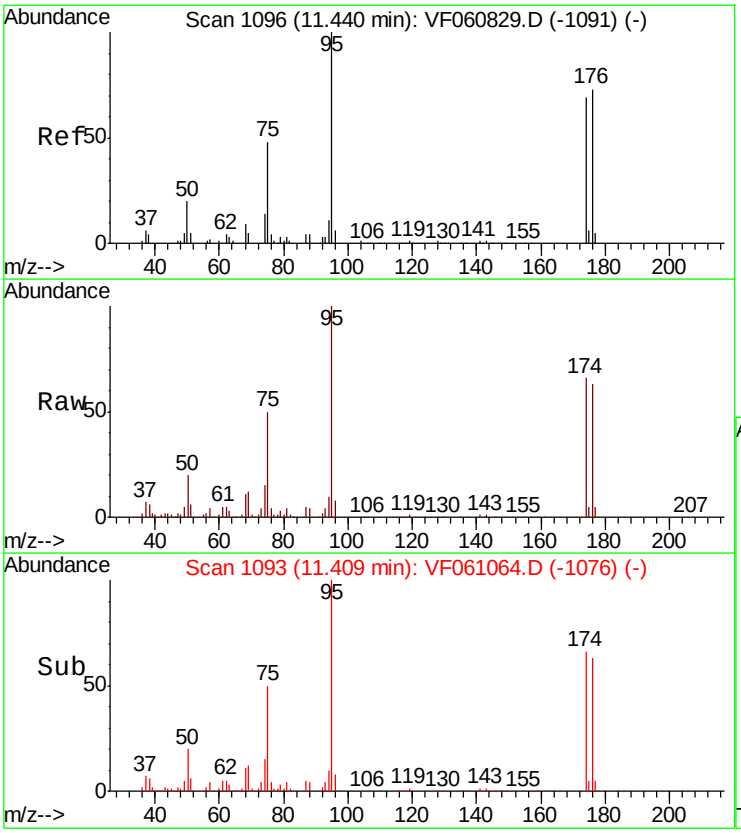
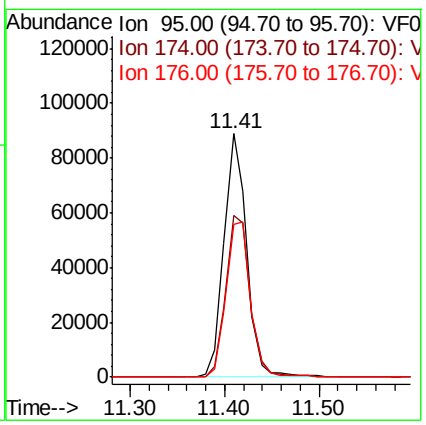


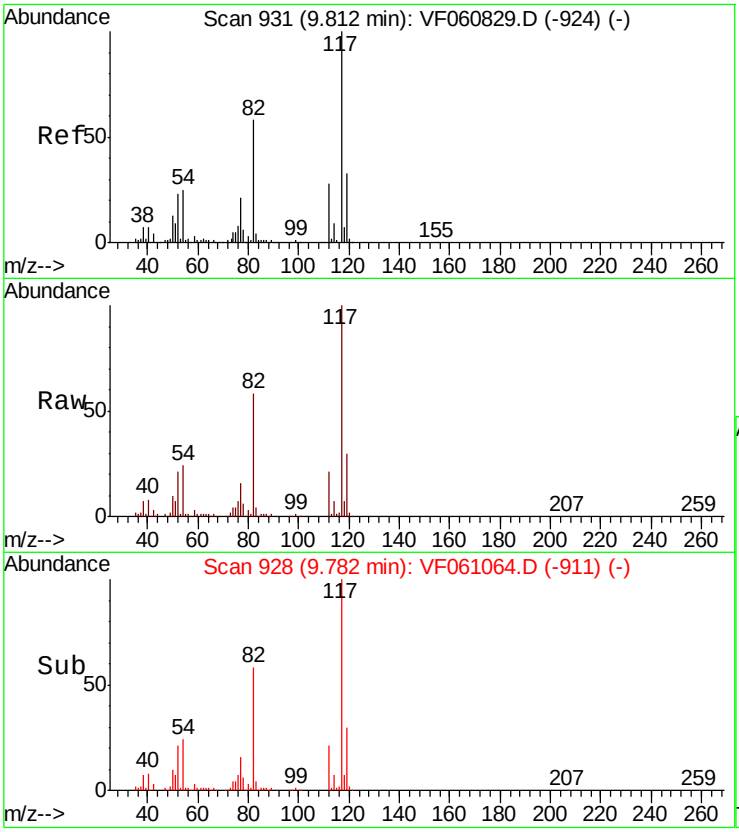


#62
4-Bromofluorobenzene
Concen: 48.517 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 95 Resp: 147817

Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	138.2
176	62.8	0.0	146.2

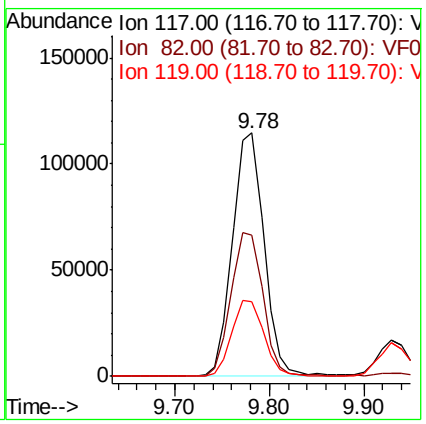




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:117 Resp: 266065

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.6	69.8
119	30.5	26.4	39.6



Instrument :
MSVOA_F
ClientSampleId :
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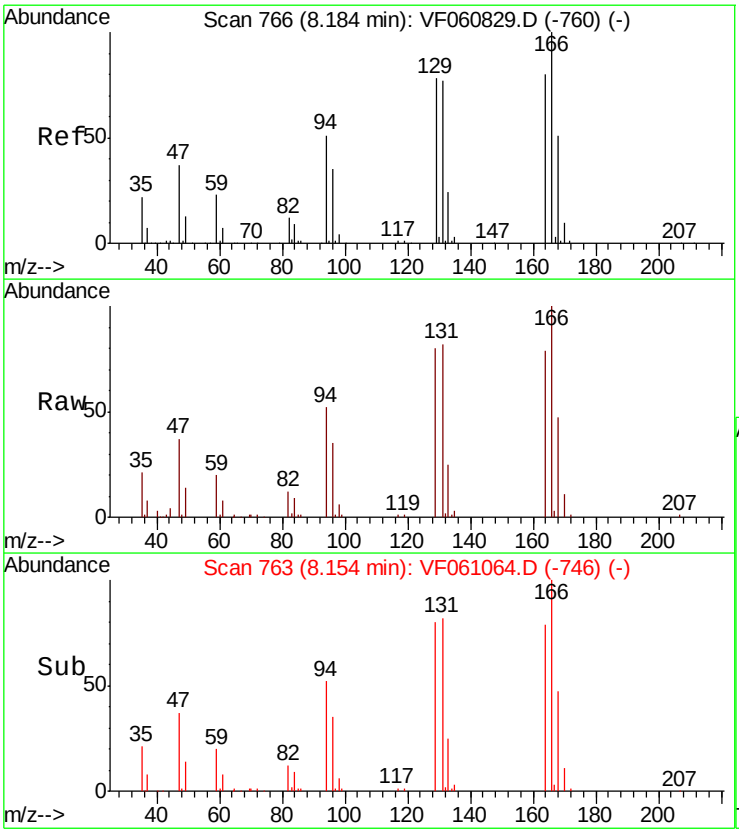
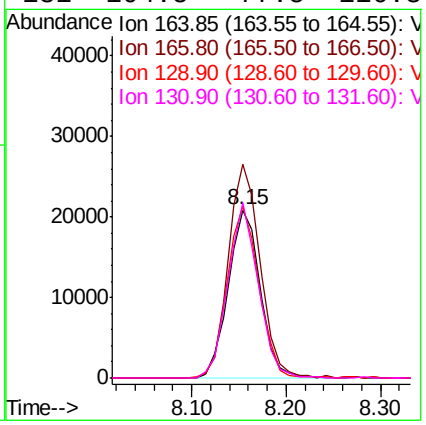
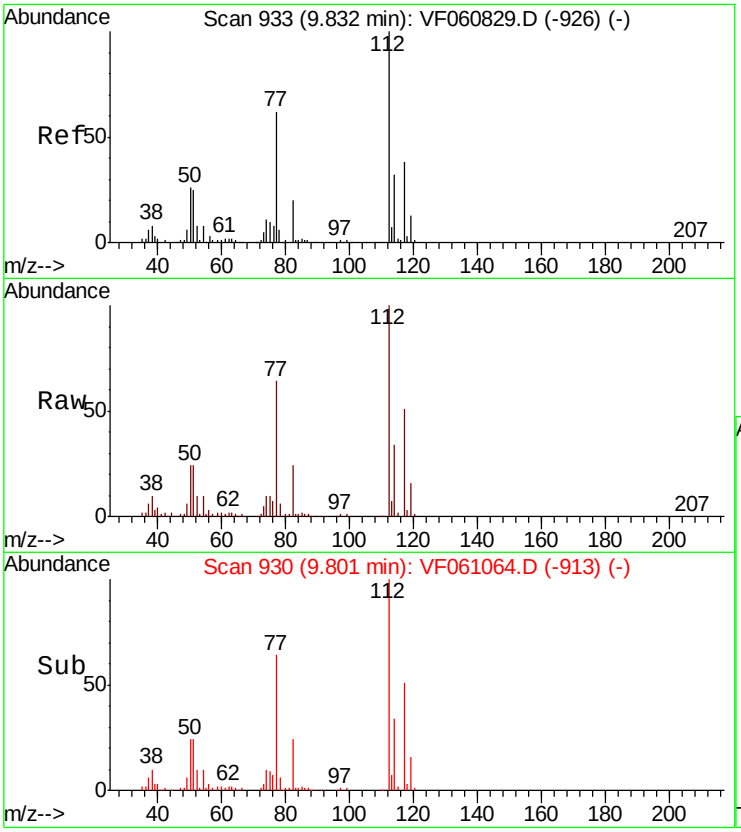


#64
Tetrachloroethene
Concen: 23.948 ug/l
RT: 8.15 min Scan# 763
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:164 Resp: 48667

Ion	Ratio	Lower	Upper
164	100		
166	127.3	100.3	150.5
129	102.0	77.9	116.9
131	104.5	77.5	116.3

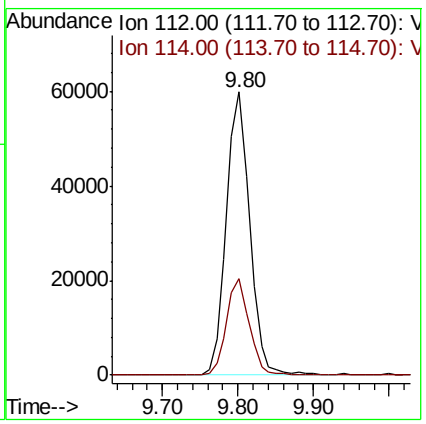




#65
Chlorobenzene
Concen: 24.810 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:112 Resp: 128415

Ion	Ratio	Lower	Upper
112	100		
114	34.3	26.0	39.0



Instrument :
MSVOA_F
ClientSampleId :
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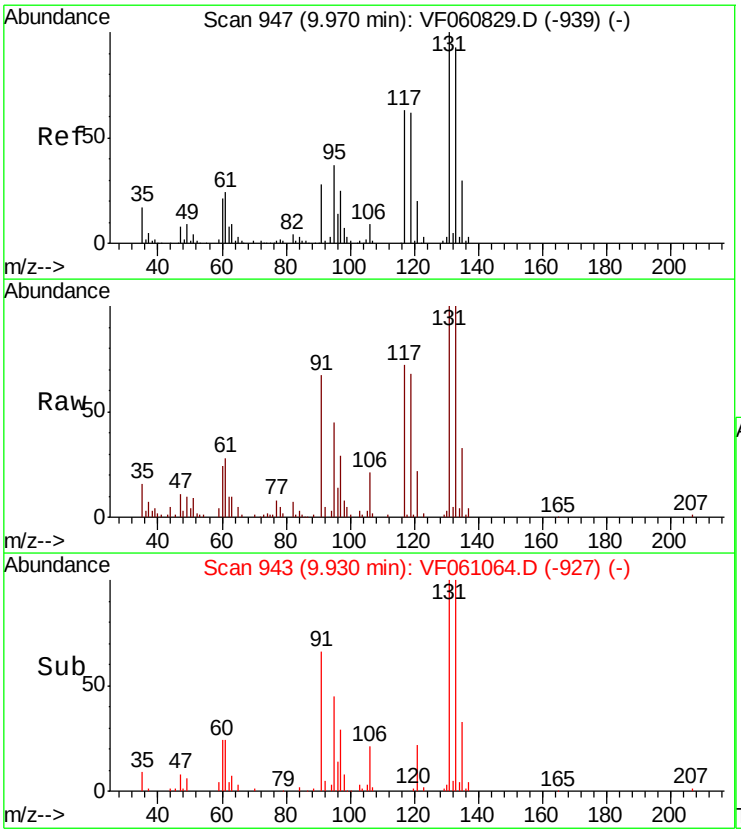
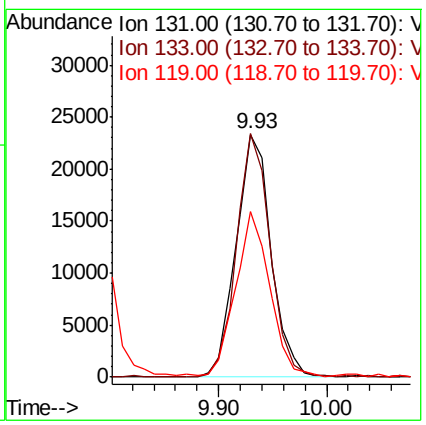
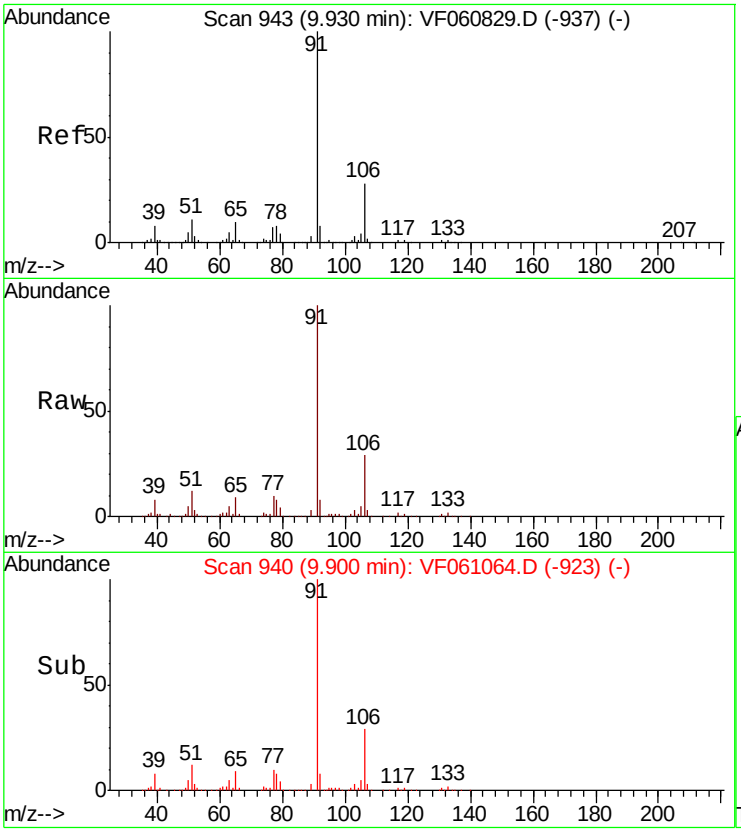


#66
1,1,1,2-Tetrachloroethane
Concen: 23.518 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:131 Resp: 52332

Ion	Ratio	Lower	Upper
131	100		
133	100.2	46.5	139.3
119	68.4	31.1	93.3

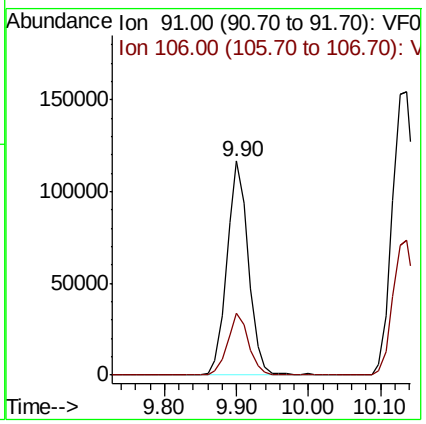




#67
Ethyl Benzene
Concen: 25.118 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 91 Resp: 242041

Ion	Ratio	Lower	Upper
91	100		
106	28.8	22.2	33.2



Instrument :
MSVOA_F
ClientSampleId :
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Manual Integrations APPROVED
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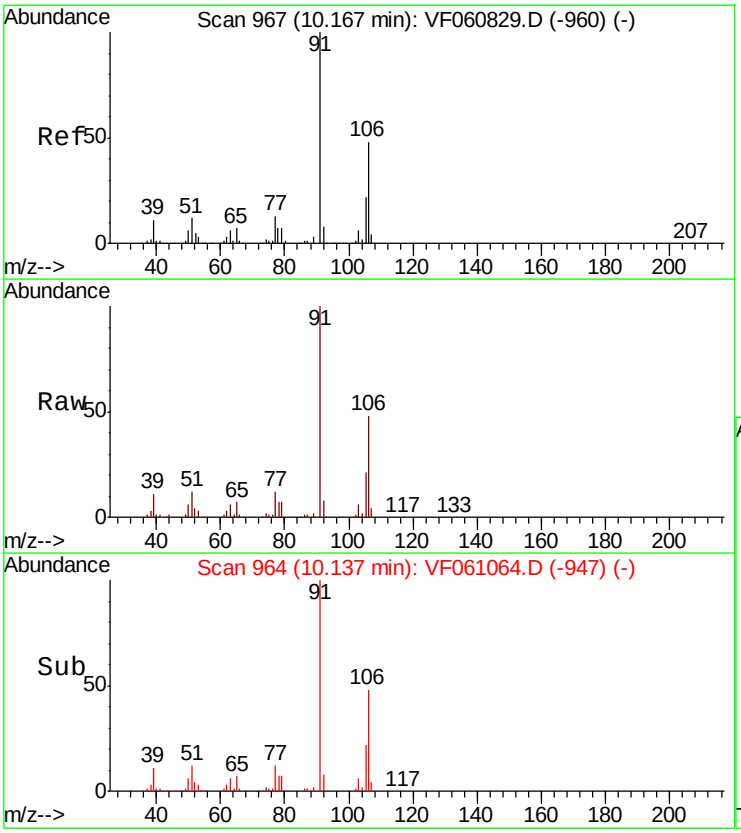
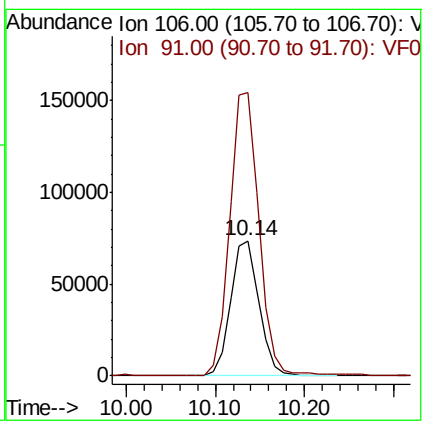
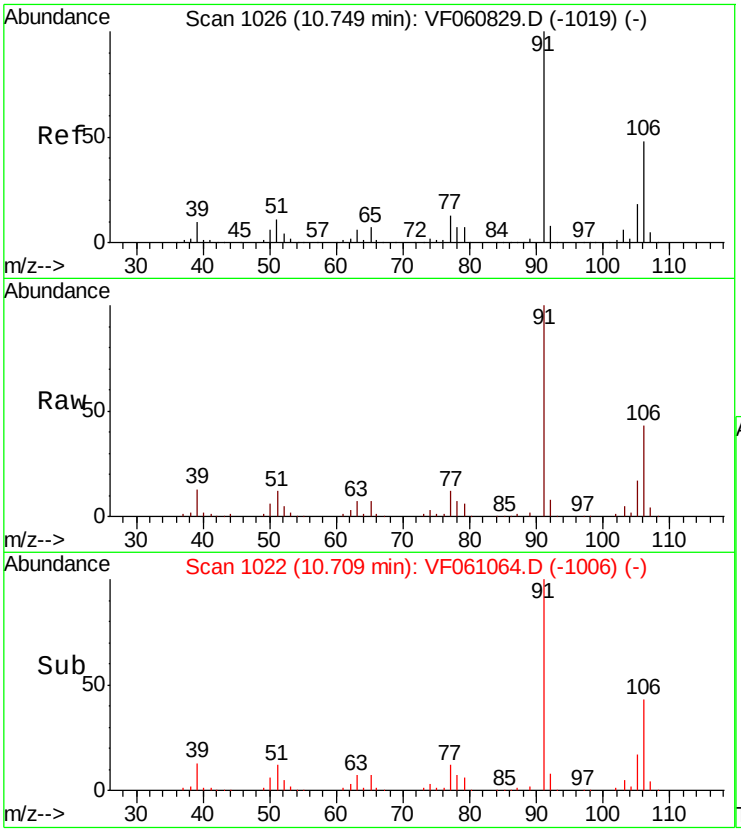


#68
m/p-Xylenes
Concen: 47.597 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:106 Resp: 164958

Ion	Ratio	Lower	Upper
106	100		
91	209.4	166.7	250.1

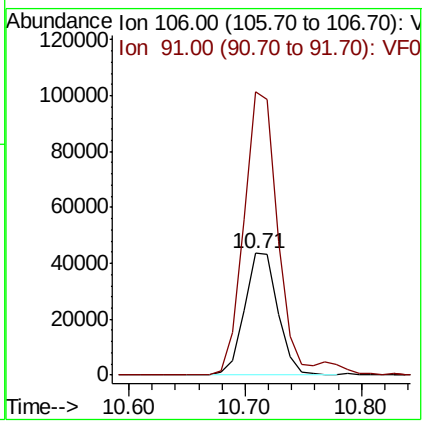




#69
o-Xylene
Concen: 22.813 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:106 Resp: 87186

Ion	Ratio	Lower	Upper
106	100		
91	232.3	104.8	314.6



Instrument :
MSVOA_F
ClientSampleId :
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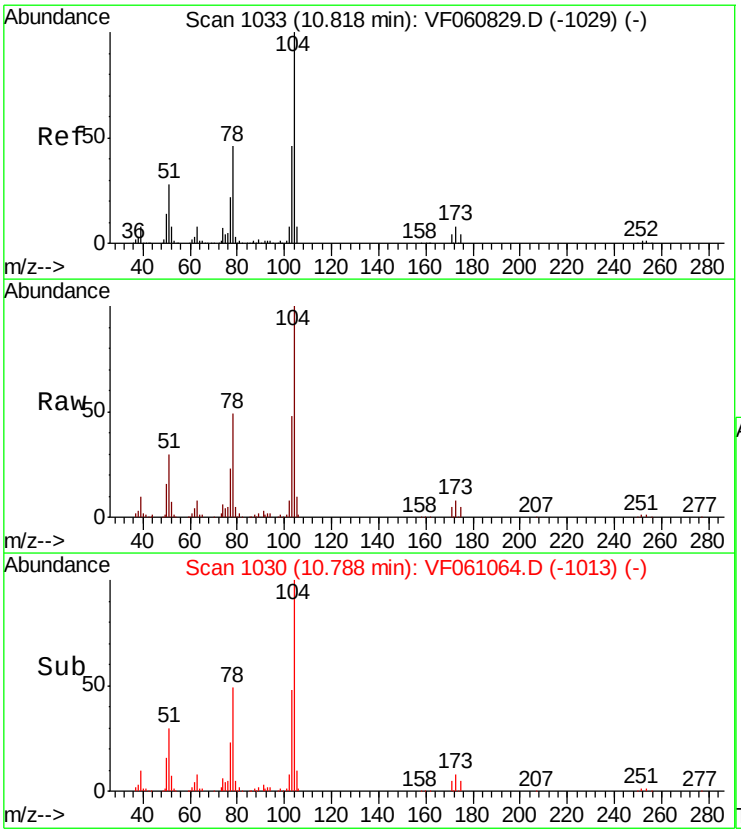
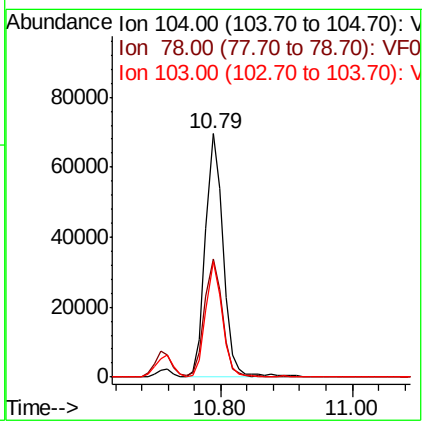
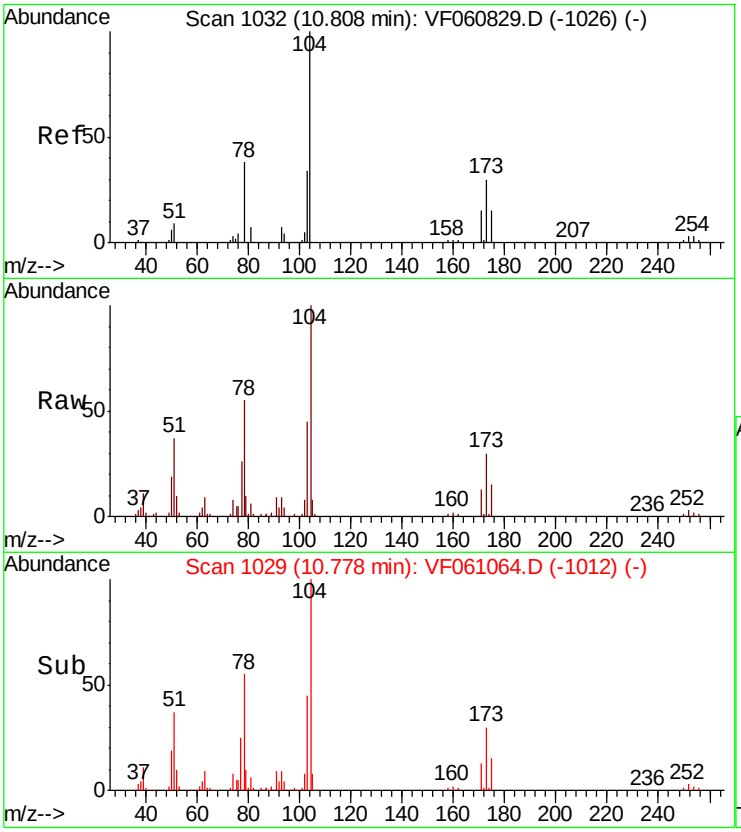


#70
Styrene
Concen: 24.124 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:104 Resp: 127799

Ion	Ratio	Lower	Upper
104	100		
78	48.7	37.3	55.9
103	47.6	36.8	55.2

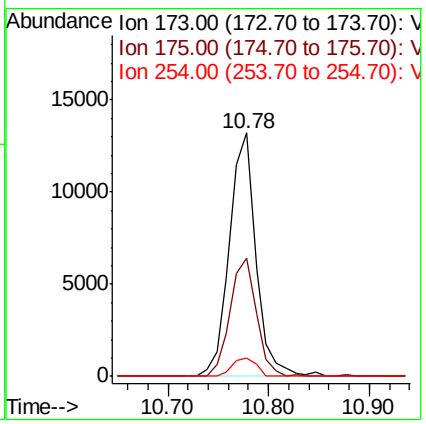




#71
Bromoform
Concen: 22.584 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:173 Resp: 24274

Ion	Ratio	Lower	Upper
173	100		
175	48.6	25.5	76.5
254	7.5	7.5	11.3



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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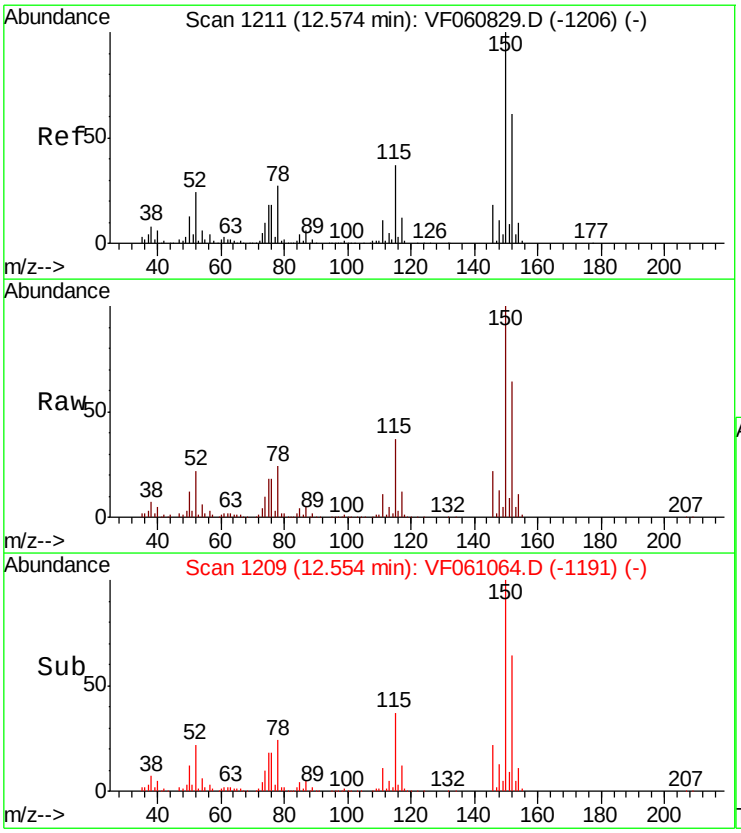
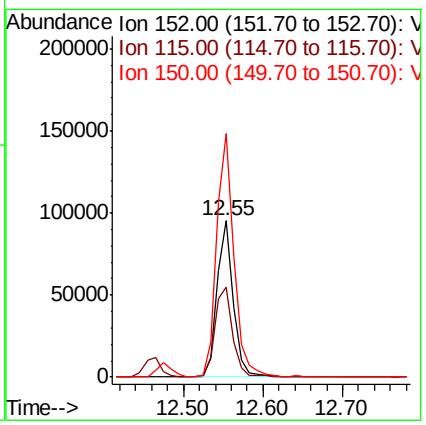
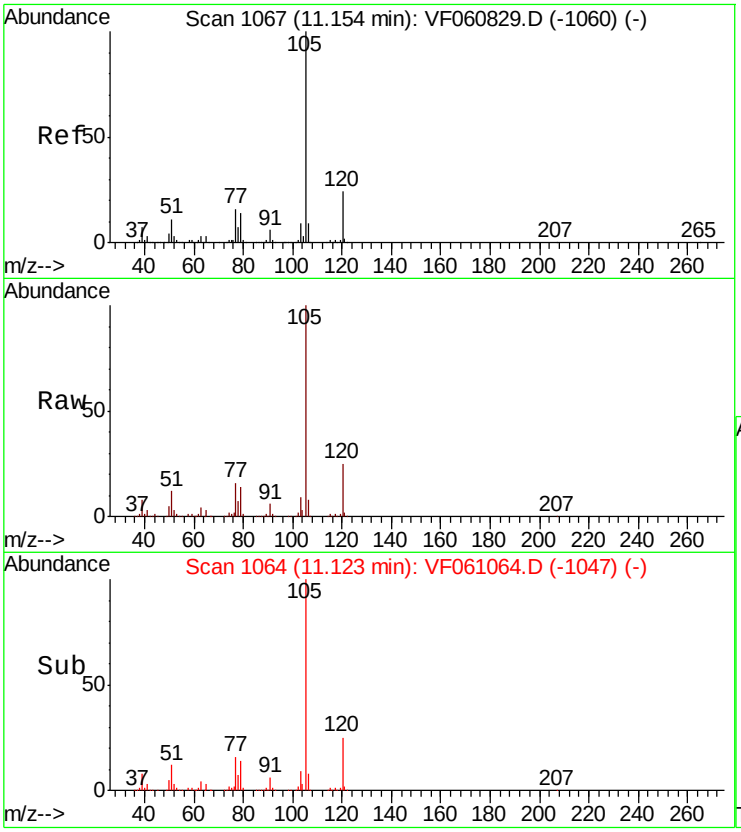


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:152 Resp: 138556

Ion	Ratio	Lower	Upper
152	100		
115	57.7	30.1	90.5
150	155.8	0.0	327.6





#73
Isopropylbenzene
Concen: 24.930 ug/l
RT: 11.12 min Scan# 1064
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:105 Resp: 272975

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.2	36.4

Instrument :
MSVOA_F
ClientSampleId :
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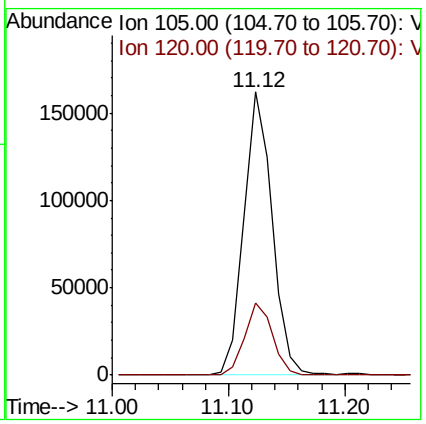
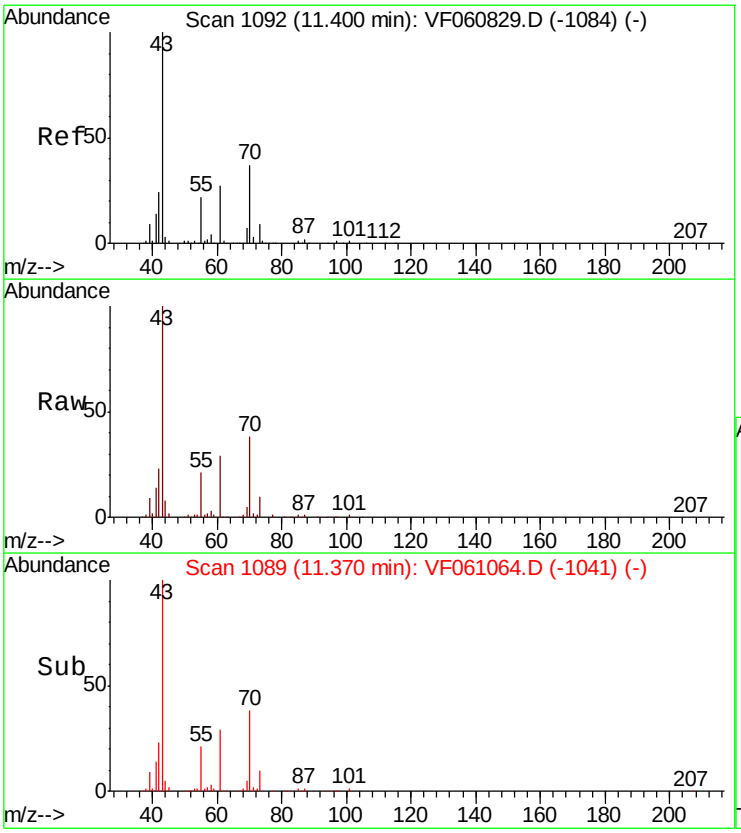
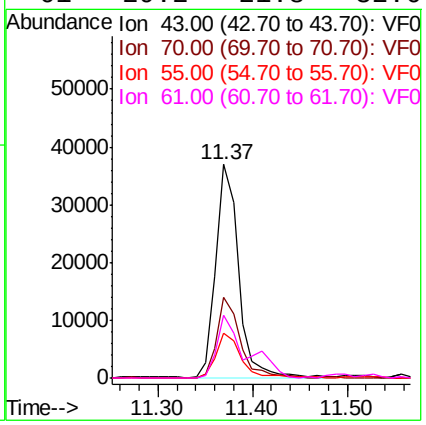


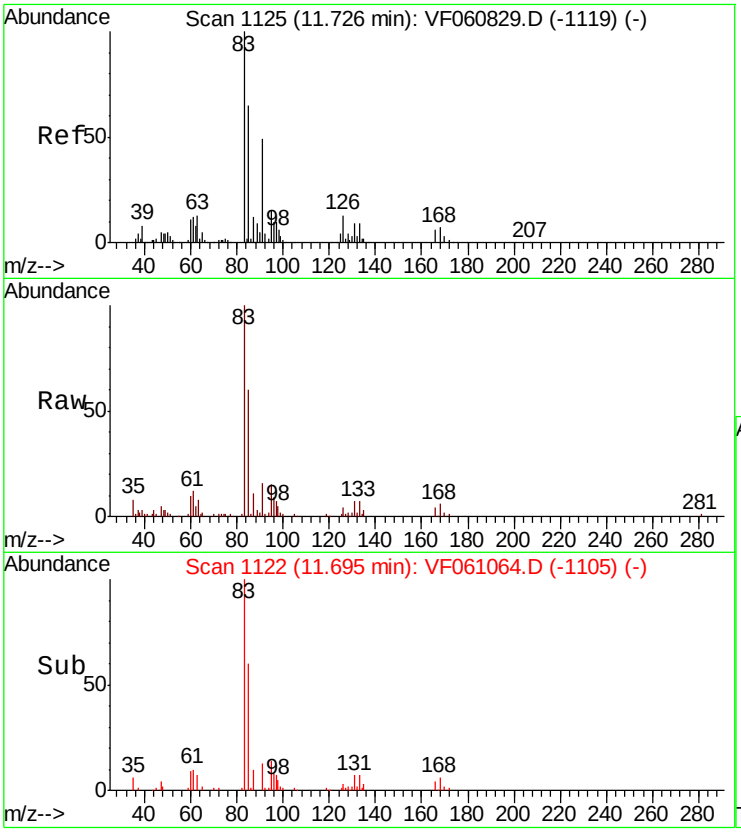


#74
N-amyl acetate
Concen: 24.746 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 43 Resp: 62567

Ion	Ratio	Lower	Upper
43	100		
70	38.1	29.6	44.4
55	20.7	17.2	25.8
61	29.2	21.8	32.6

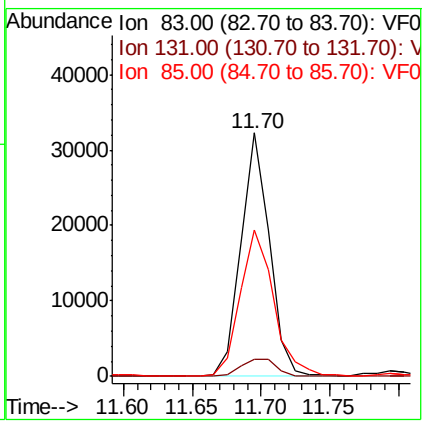




#75
1,1,2,2-Tetrachloroethane
Concen: 26.161 ug/l
RT: 11.70 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 83 Resp: 47144

Ion	Ratio	Lower	Upper
83	100		
131	6.9	4.7	14.1
85	59.9	32.6	97.8



Instrument :
MSVOA_F
ClientSampleId :
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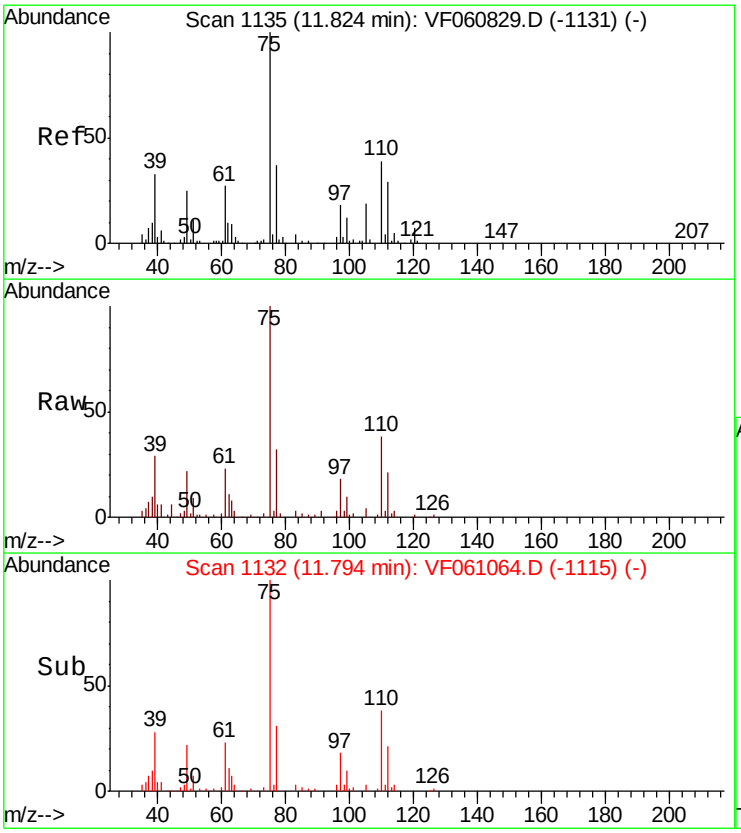
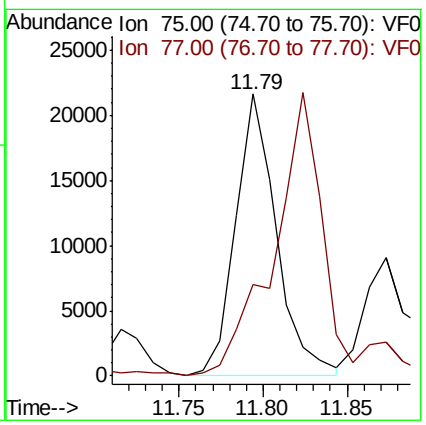
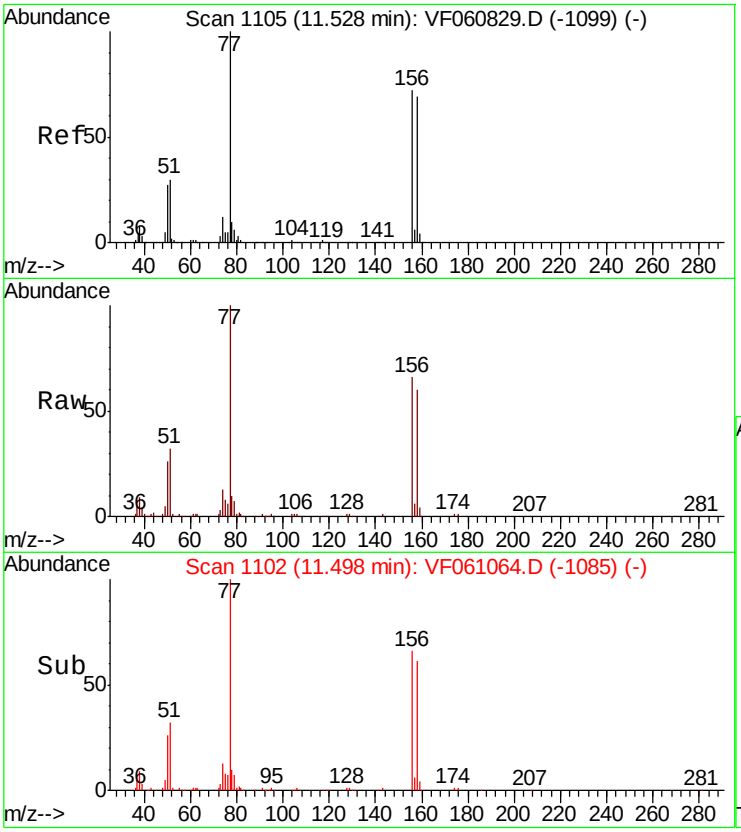


#76
1,2,3-Trichloropropane
Concen: 27.808 ug/l
RT: 11.79 min Scan# 1132
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 75 Resp: 36424

Ion	Ratio	Lower	Upper
75	100		
77	32.4	18.4	55.4

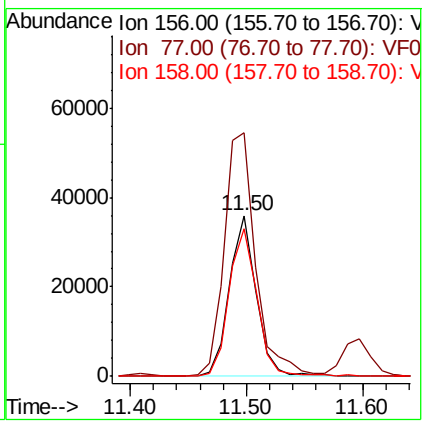




#77
Bromobenzene
Concen: 23.939 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:156 Resp: 57467

Ion	Ratio	Lower	Upper
156	100		
77	151.6	69.7	209.0
158	91.7	47.8	143.4



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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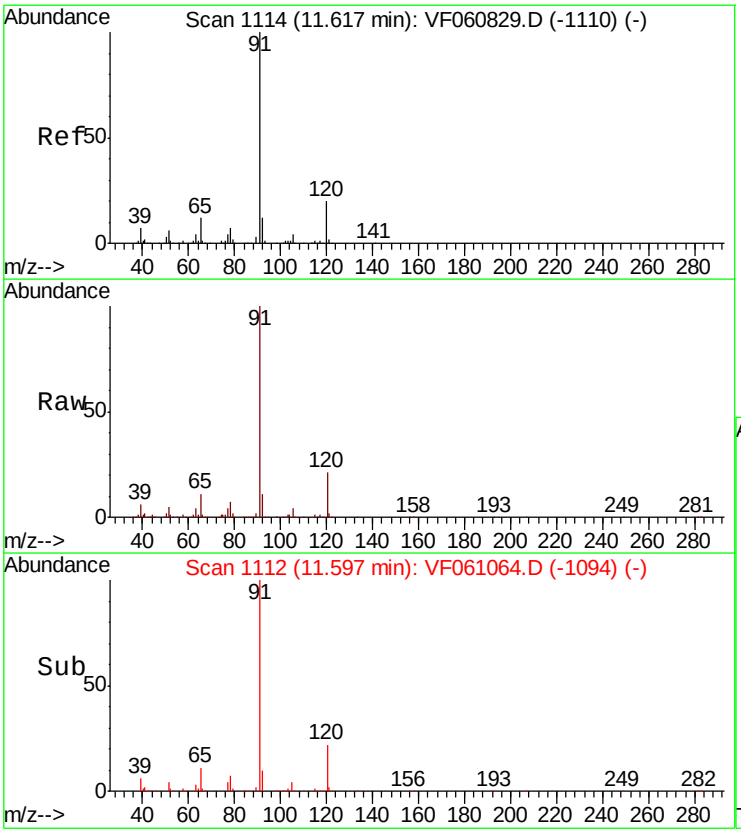
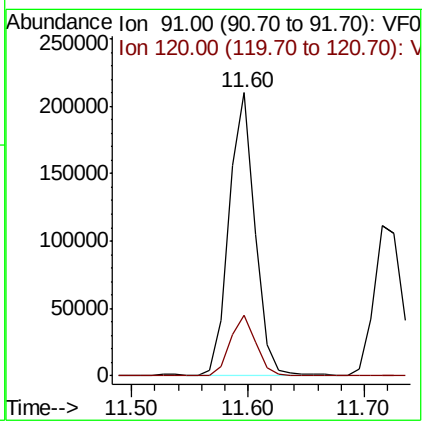
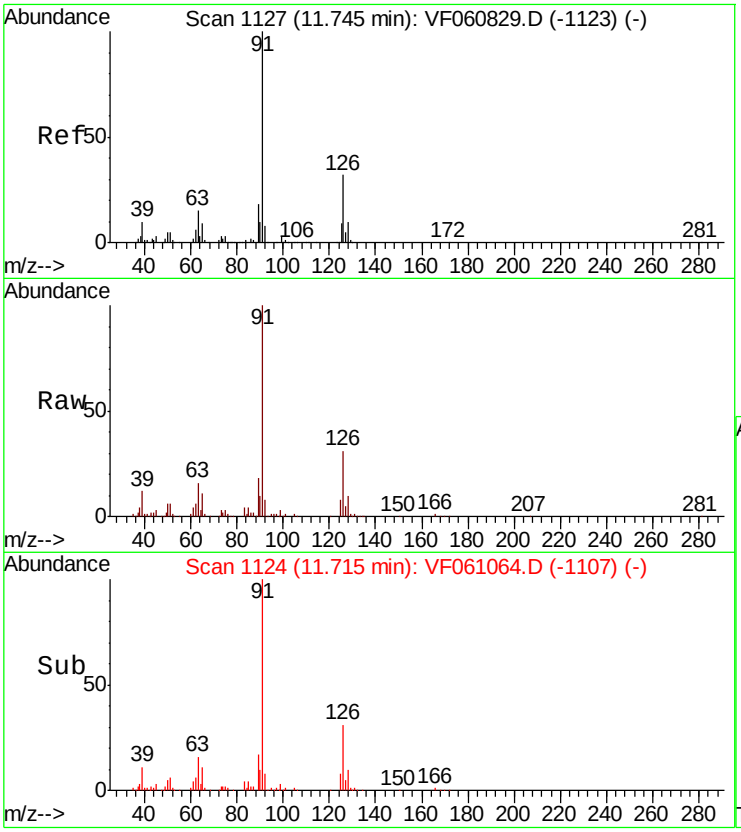


#78
n-propylbenzene
Concen: 25.185 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 91 Resp: 322940

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.3	30.8





#79
2-Chlorotoluene
Concen: 25.370 ug/l
RT: 11.72 min Scan# 1124
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 91 Resp: 186529

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.9	47.6

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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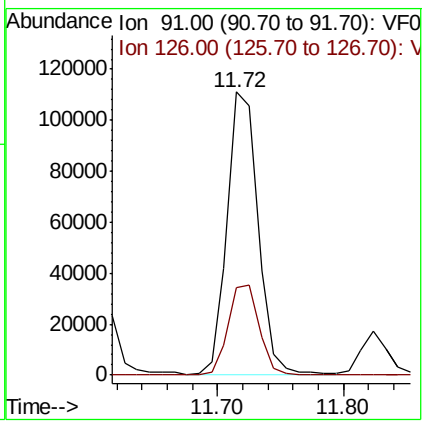
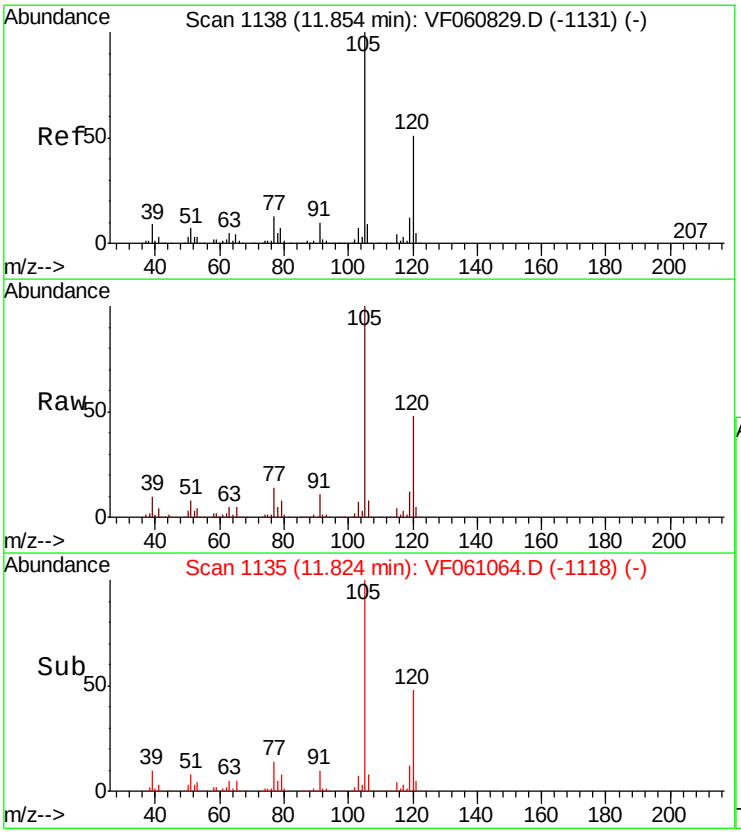
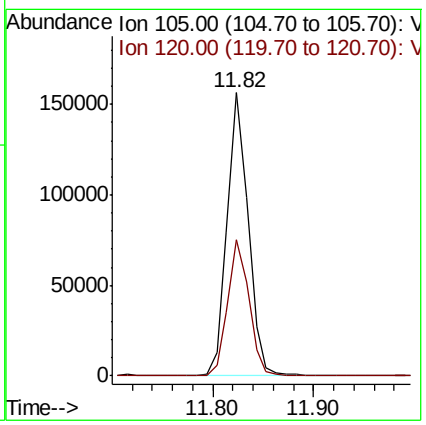


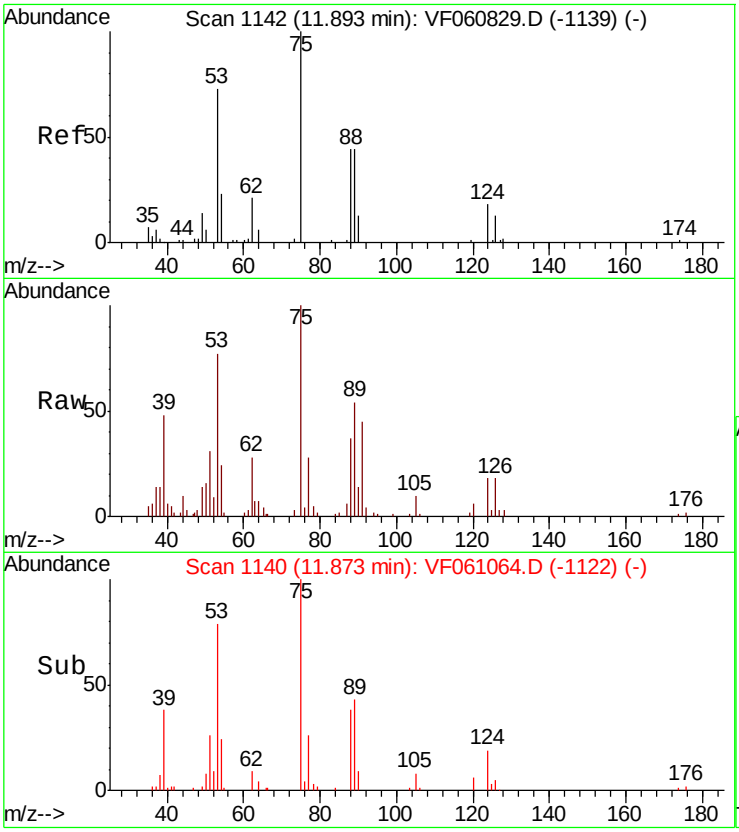


#80
1,3,5-Trimethylbenzene
Concen: 25.578 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:105 Resp: 227357

Ion	Ratio	Lower	Upper
105	100		
120	48.2	25.8	77.3





#81
trans-1,4-Dichloro-2-butene
Concen: 24.672 ug/l m
RT: 11.87 min Scan# 1140
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 75 Resp: 15834

Ion	Ratio	Lower	Upper
75	100		
53	77.1	65.9	98.9
89	54.1	38.8	58.2

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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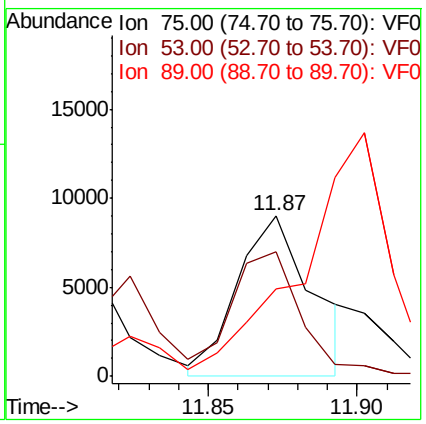
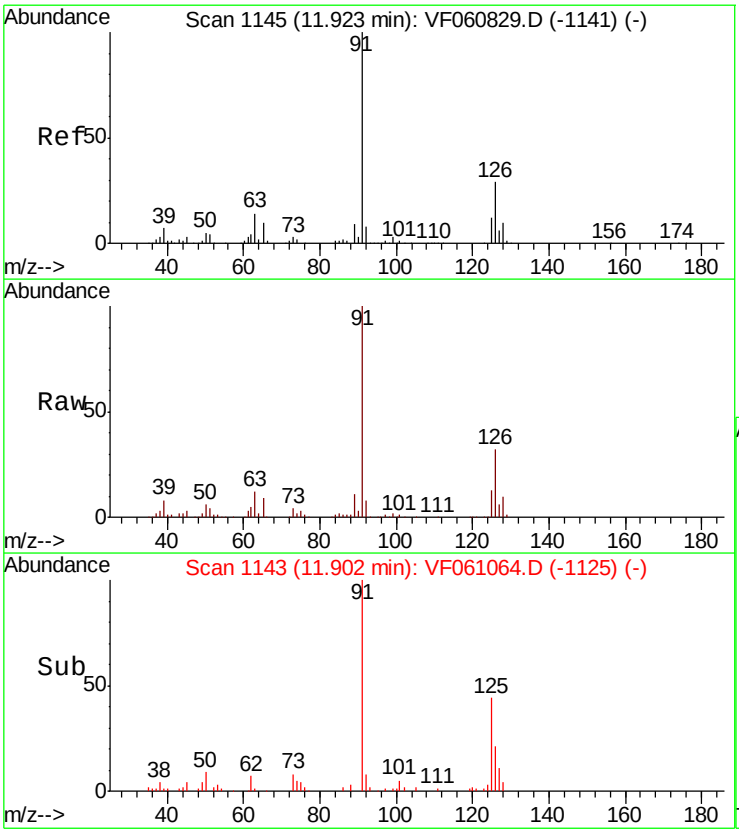
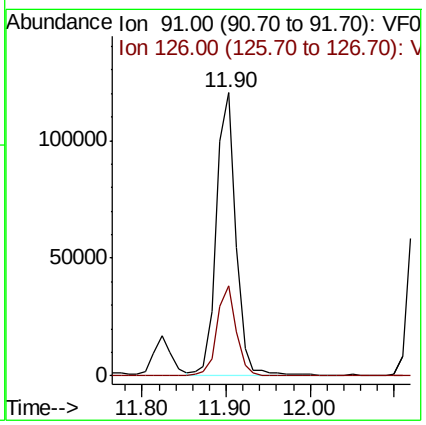


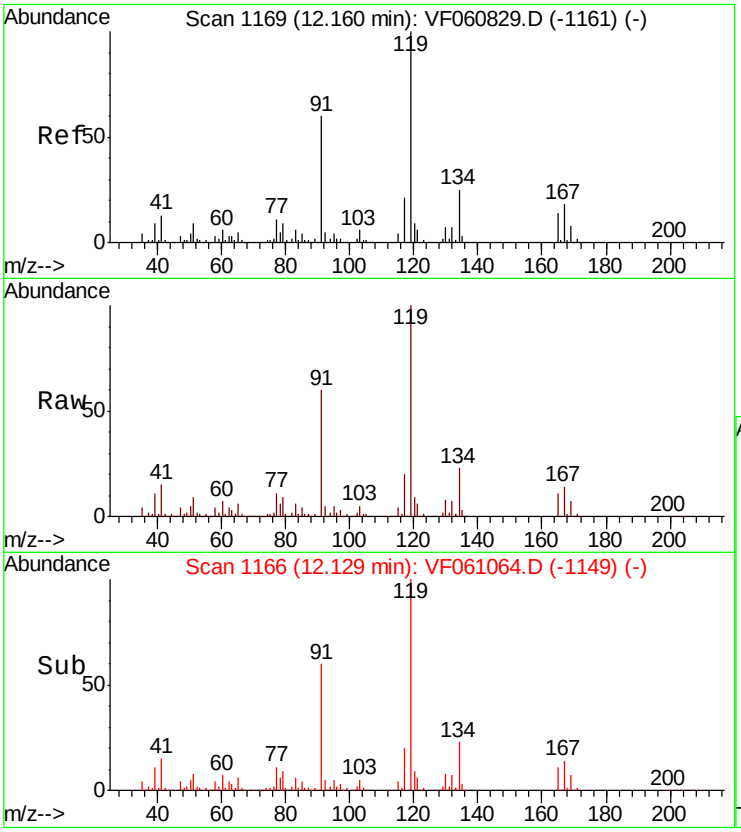


#82
4-Chlorotoluene
Concen: 24.834 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 91 Resp: 192150

Ion	Ratio	Lower	Upper
91	100		
126	31.8	14.8	44.4

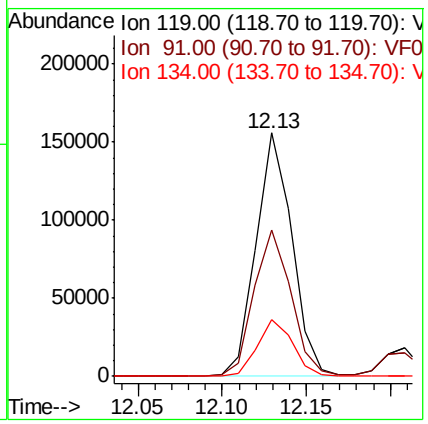




#83
tert-Butylbenzene
Concen: 25.591 ug/l
RT: 12.13 min Scan# 1166
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:119 Resp: 231713

Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.1	90.3
134	23.4	12.6	37.8



Instrument :
MSVOA_F
ClientSampleId :
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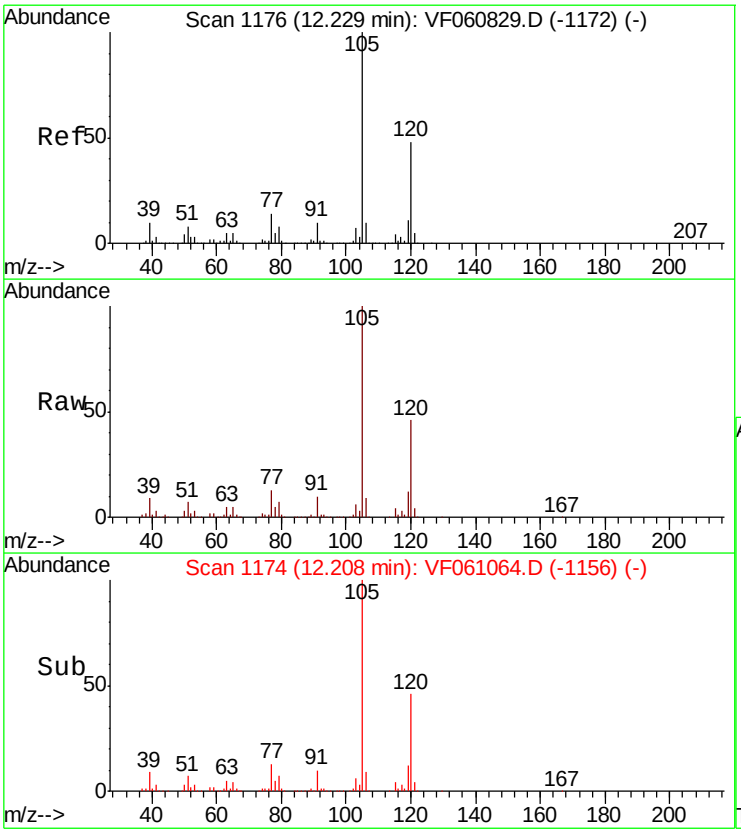
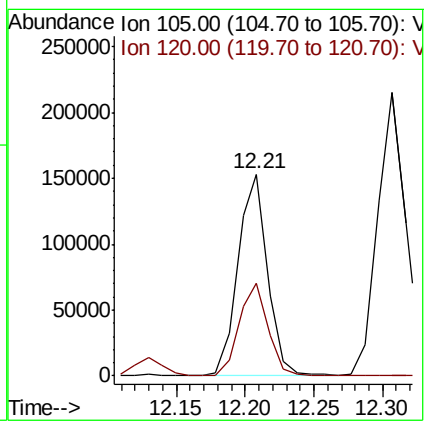
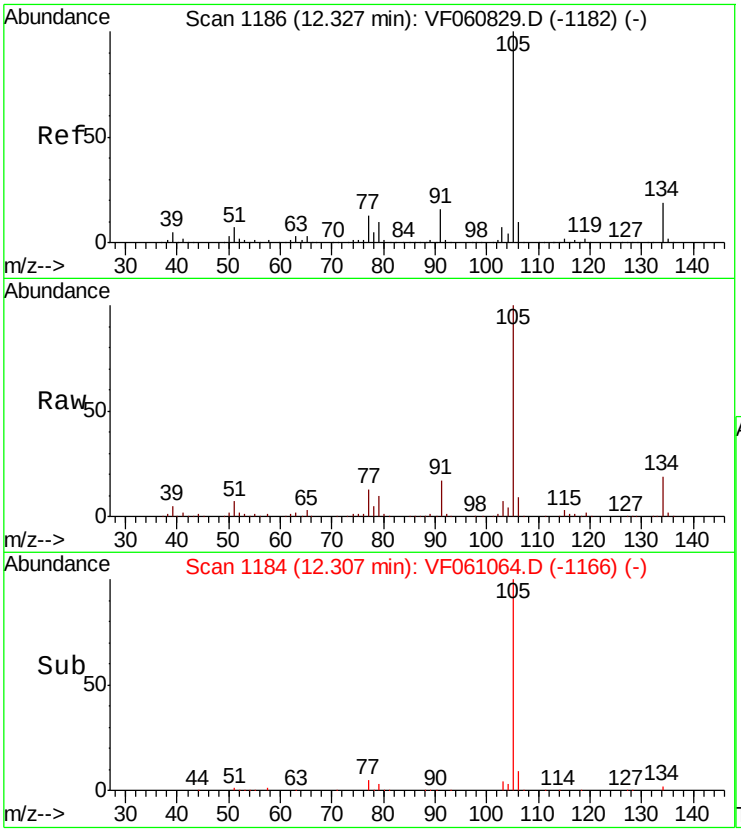


#84
1,2,4-Trimethylbenzene
Concen: 25.623 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:105 Resp: 227313

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.8	71.5





#85
sec-Butylbenzene
Concen: 24.890 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:105 Resp: 308512

Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.5	28.5

Instrument :
MSVOA_F
ClientSampleId :
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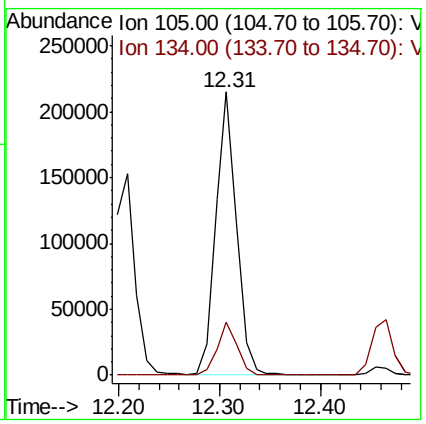
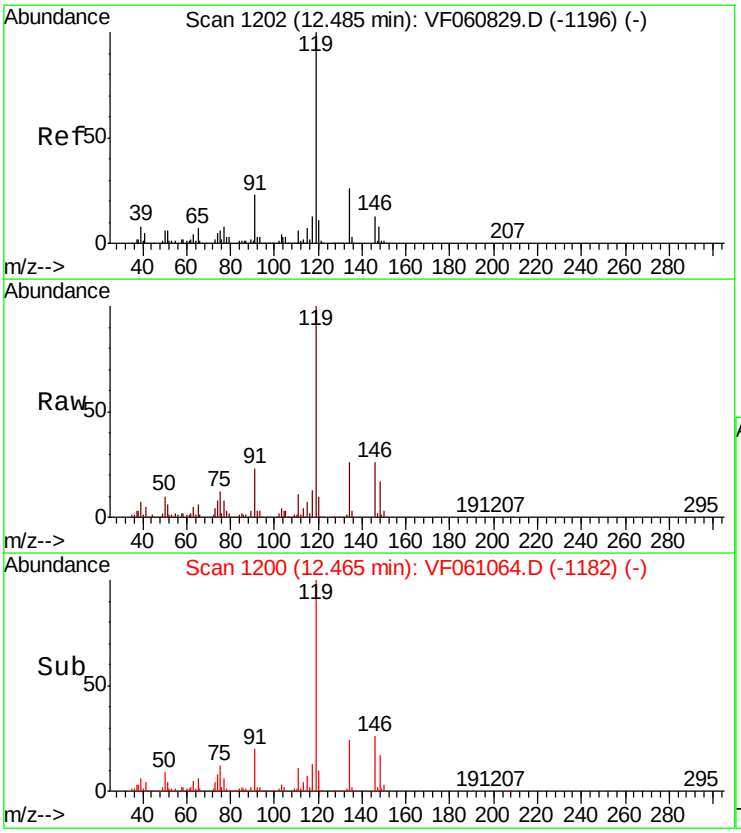
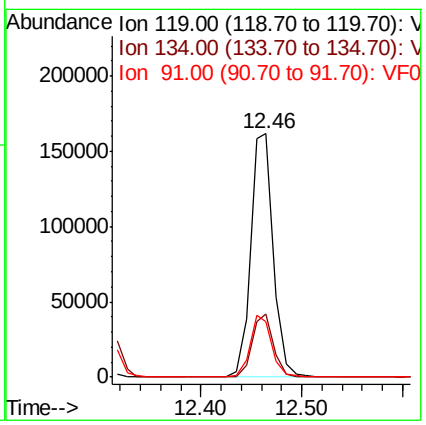


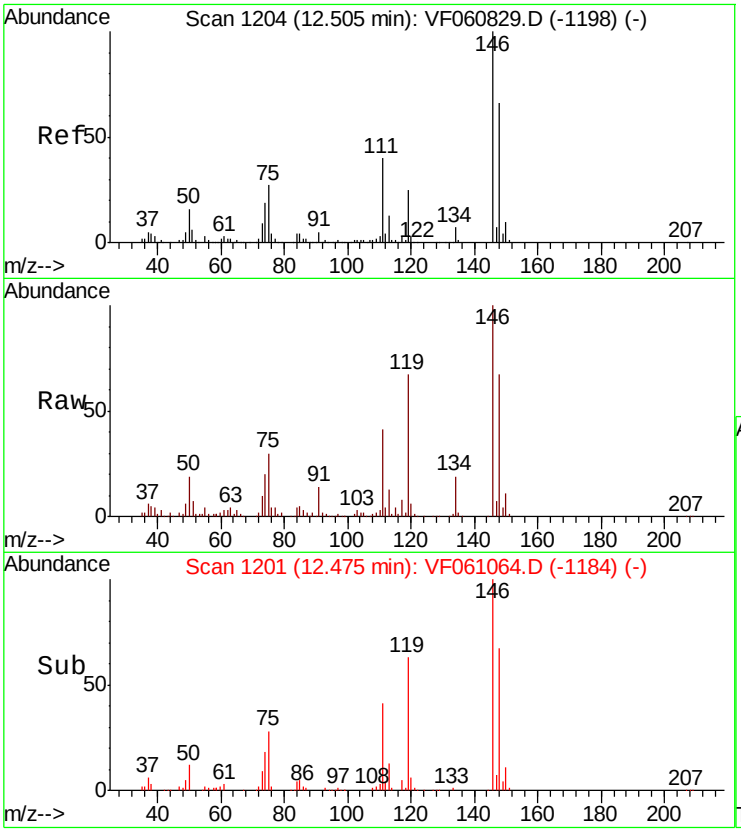


#86
p-Isopropyltoluene
Concen: 24.461 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:119 Resp: 254201

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.6
91	22.9	11.8	35.3

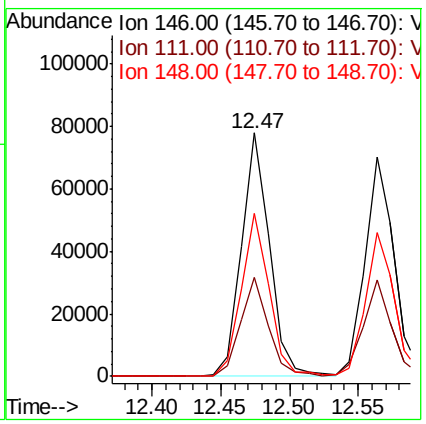




#87
1,3-Dichlorobenzene
Concen: 24.434 ug/l
RT: 12.47 min Scan# 1201
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:146 Resp: 111572

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	66.7	32.9	98.6



Instrument :
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ClientSampleId :
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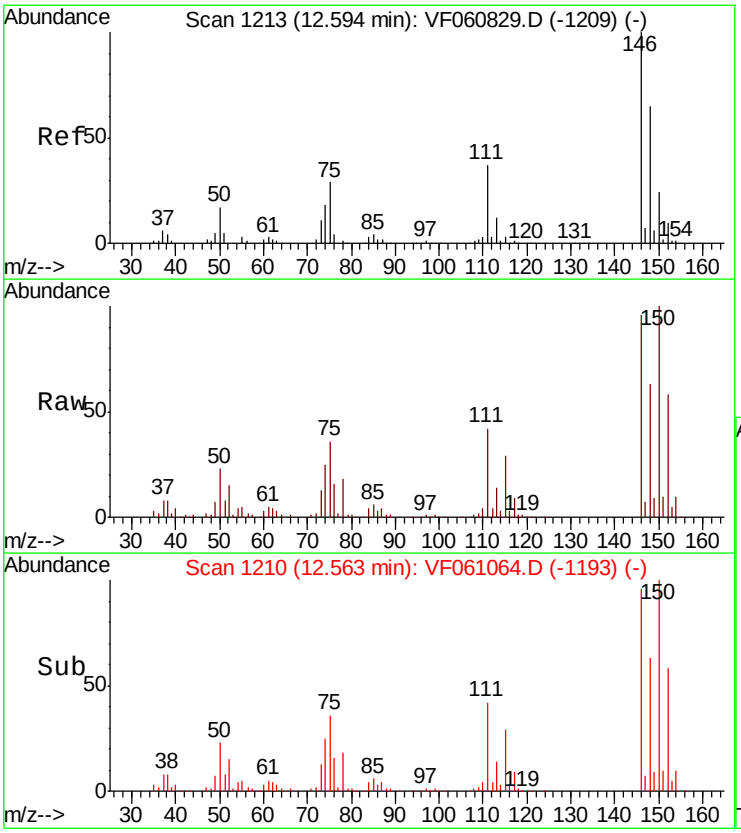
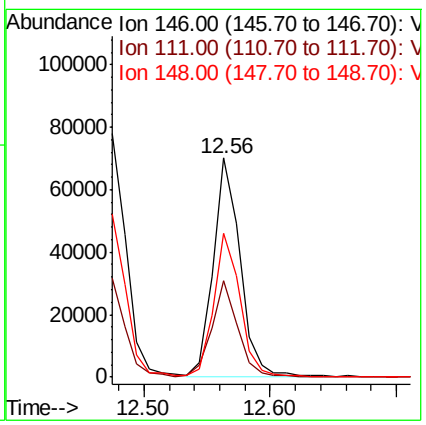
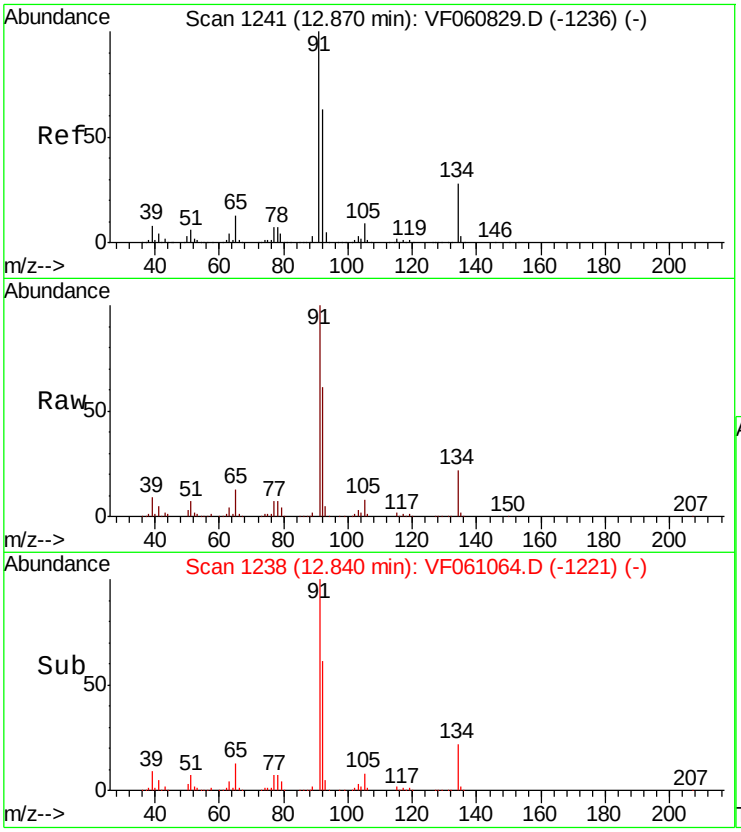


#88
1,4-Dichlorobenzene
Concen: 23.327 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:146 Resp: 103802

Ion	Ratio	Lower	Upper
146	100		
111	44.1	18.9	56.7
148	65.8	32.3	96.9





#89
n-Butylbenzene
Concen: 25.977 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 91 Resp: 272964

Ion	Ratio	Lower	Upper
91	100		
92	61.3	31.6	94.7
134	21.9	13.8	41.4

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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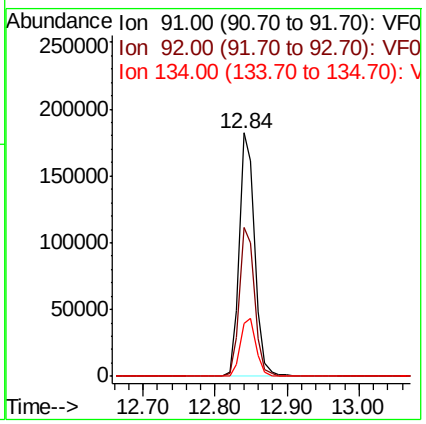
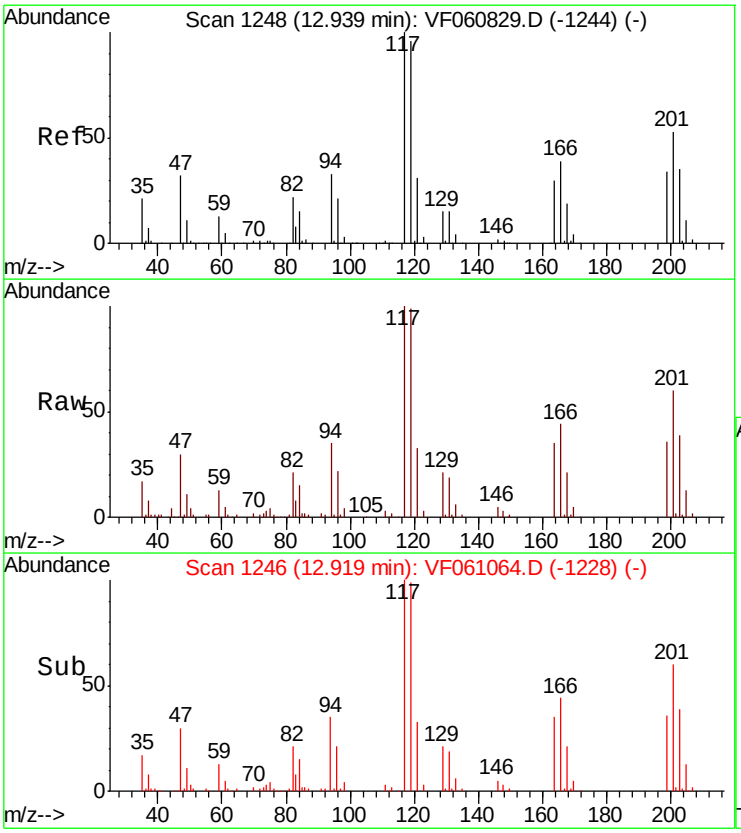
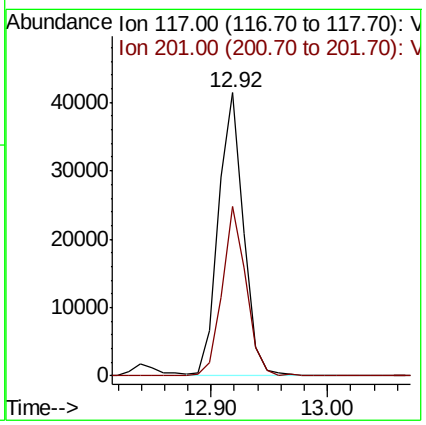


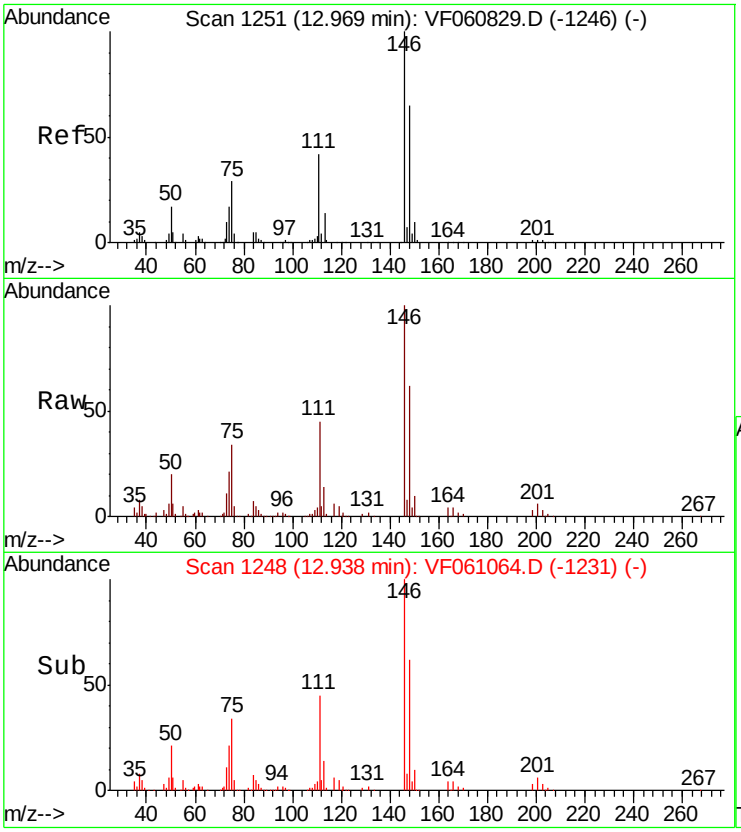


#90
Hexachloroethane
Concen: 24.675 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:117 Resp: 61746

Ion	Ratio	Lower	Upper
117	100		
201	59.8	26.7	80.1

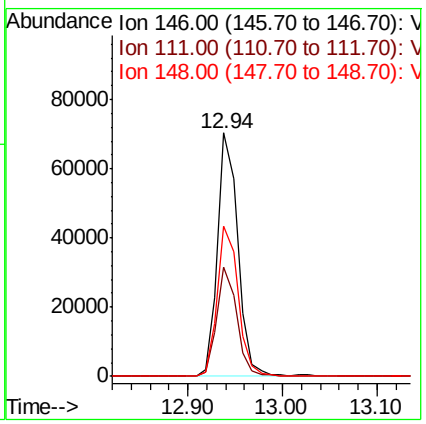




#91
1,2-Dichlorobenzene
Concen: 24.388 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:146 Resp: 105456

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.2	63.6
148	61.8	32.5	97.5



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

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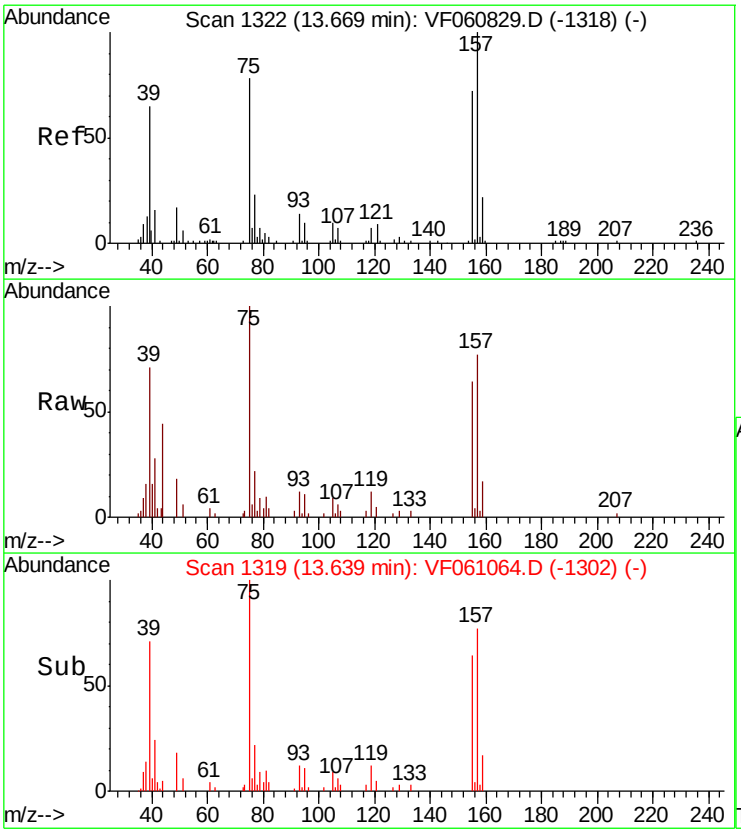
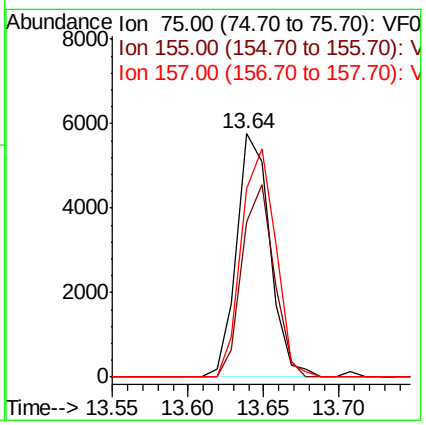
12/19/2018 2:15:21 PM

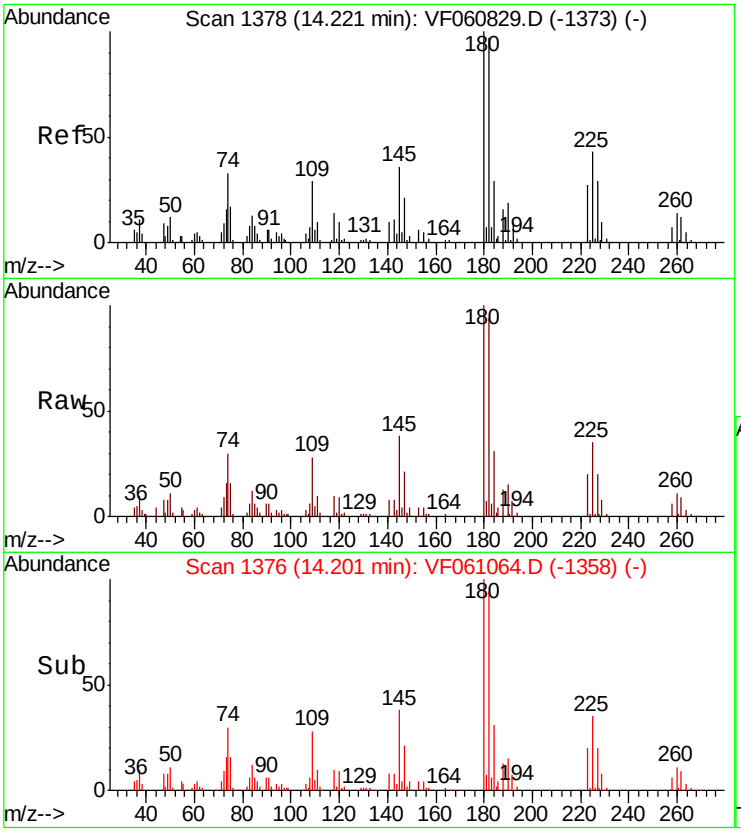


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.422 ug/l
RT: 13.64 min Scan# 1319
Delta R.T. -0.03 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion: 75 Resp: 8857

Ion	Ratio	Lower	Upper
75	100		
155	63.7	45.6	136.9
157	77.2	63.8	191.5

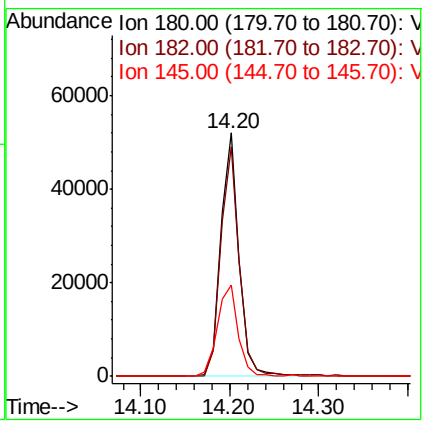




#93
1,2,4-Trichlorobenzene
Concen: 24.949 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

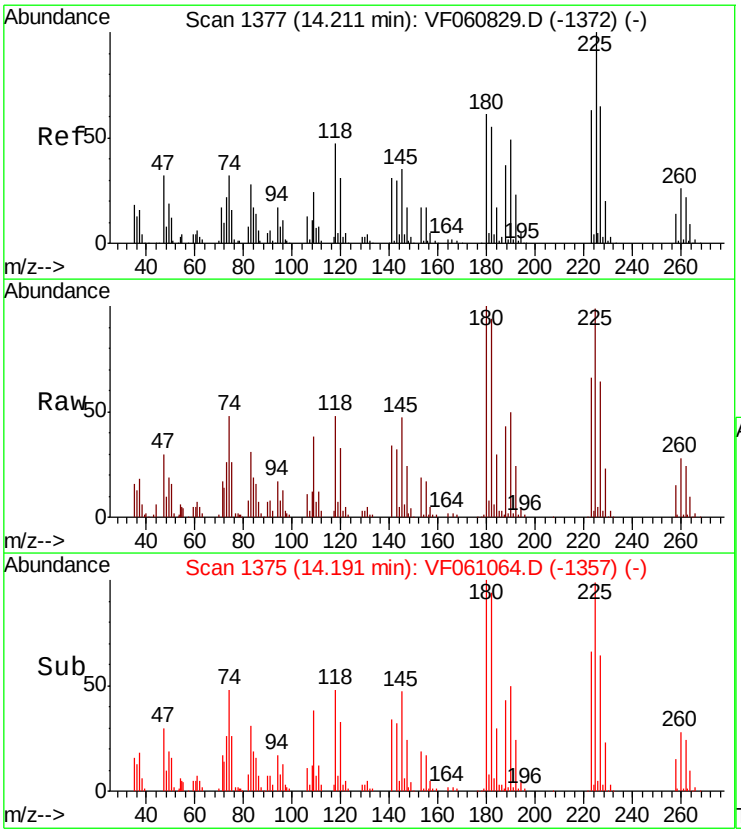
Tgt Ion:180 Resp: 75379

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.5	145.5
145	37.5	18.1	54.3



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

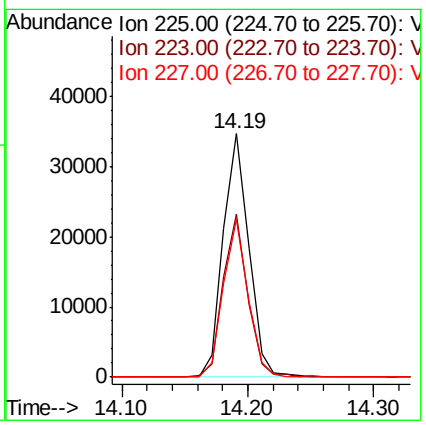
Manual Integrations APPROVED
MMDadoda
12/19/2018 2:15:21 PM

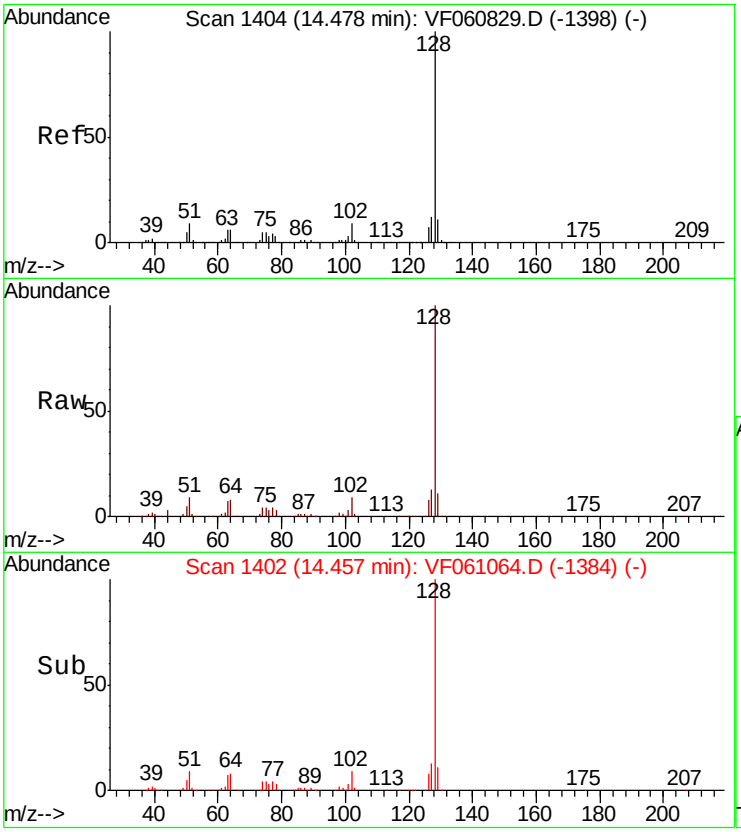


#94
Hexachlorobutadiene
Concen: 24.089 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:225 Resp: 48518

Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.4	94.3
227	64.8	32.5	97.5

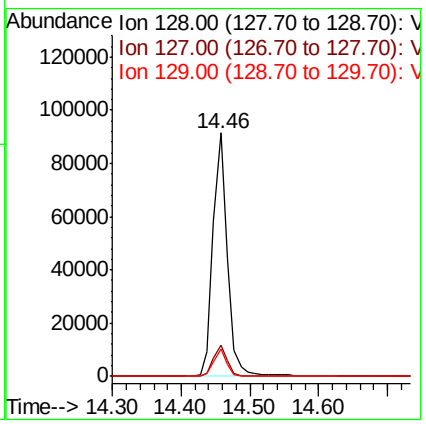




#95
Naphthalene
Concen: 20.573 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

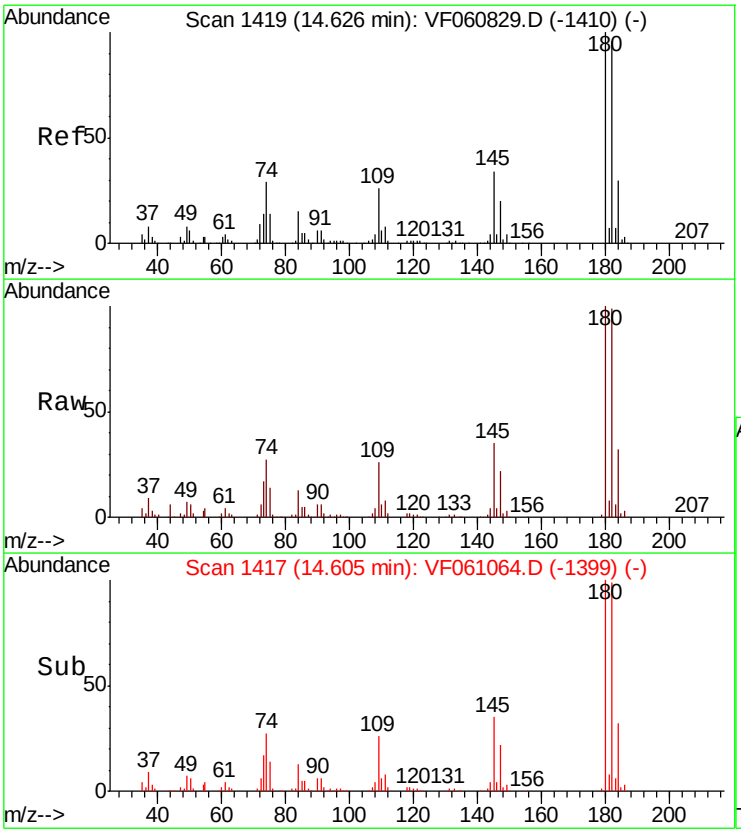
Tgt Ion:128 Resp: 132721

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	11.4	9.1	13.7



Instrument :
MSVOA_F
ClientSampleId :
VF1218SBS01

Manual Integrations APPROVED
MMDadoda
12/19/2018 2:15:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 23.783 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: VF061064.D
Acq: 18 Dec 2018 15:55

Tgt Ion:180 Resp: 66720

Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.9	143.8
145	34.5	17.2	51.5