Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\
Data File : VF061317.D
Acq On : 10 Jan 2019 00:48
Operator : VA/AP
Sample : VF0109SBS02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

Quant Time: Jan 10 07:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.88	168	200696	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.61	114	339473	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.79	117	339350	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	166279	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.86	65	138805	62.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 124.28%				
35) Dibromofluoromethane	4.13	113	148927	57.33	ug/l		0.02
Spiked Amount 50.000			Recovery = 114.66%				
50) Toluene-d8	7.57	98	425175	55.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.62%				
62) 4-Bromofluorobenzene	11.42	95	200260	59.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.97	85	74143	20.028	ug/l		98
3) Chloromethane	1.10	50	61149	18.536	ug/l		88
4) Vinyl Chloride	1.15	62	53384	18.118	ug/l		99
5) Bromomethane	1.30	94	32781	15.229	ug/l		97
6) Chloroethane	1.39	64	22945	15.947	ug/l		96
7) Trichlorofluoromethane	1.48	101	90630	18.145	ug/l		100
8) Diethyl Ether	1.64	74	13987	19.070	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	1.84	101	45020	17.070	ug/l		94
10) Methyl Iodide	1.90	142	71744m	17.363	ug/l		
11) Tert butyl alcohol	2.58	59	9309	104.081	ug/l		97
12) 1,1-Dichloroethene	1.80	96	35635	16.897	ug/l		91
13) Acrolein	2.01	56	8726	74.873	ug/l		86
14) Allyl chloride	2.10	41	63115	16.373	ug/l		94
15) Acrylonitrile	2.96	53	33294	105.008	ug/l		84
16) Acetone	2.25	43	41333	79.540	ug/l	#	88
17) Carbon Disulfide	1.81	76	112041	16.084	ug/l		95
18) Methyl Acetate	2.36	43	20073	19.633	ug/l		94
19) Methyl tert-butyl Ether	2.44	73	78306	19.484	ug/l		93
20) Methylene Chloride	2.19	84	40582m	18.460	ug/l		
21) trans-1,2-Dichloroethene	2.32	96	38580	17.263	ug/l		89
22) Diisopropyl ether	2.81	45	139569	18.714	ug/l		98
23) Vinyl Acetate	3.21	43	244328	112.023	ug/l		100
24) 1,1-Dichloroethane	2.88	63	81194	18.821	ug/l		99
25) 2-Butanone	4.35	43	89481	106.987	ug/l		100
26) 2,2-Dichloropropane	3.62	77	44191	15.329	ug/l		99
27) cis-1,2-Dichloroethene	3.49	96	56258	18.030	ug/l		96
28) Bromochloromethane	3.74	49	42163	22.166	ug/l	#	97
29) Tetrahydrofuran	4.09	42	41022	117.308	ug/l		95
30) Chloroform	3.88	83	115778	21.141	ug/l		97
31) Cyclohexane	3.71	56	82893	18.315	ug/l		89
32) 1,1,1-Trichloroethane	4.10	97	74019	16.733	ug/l		97
36) 1,1-Dichloropropene	4.30	75	85602	21.594	ug/l		94
37) Ethyl Acetate	4.13	43	34579	23.953	ug/l	#	47
38) Carbon Tetrachloride	4.01	117	72698	19.363	ug/l		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\
Data File : VF061317.D
Acq On : 10 Jan 2019 00:48
Operator : VA/AP
Sample : VF0109SBS02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 10 07:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.48	83	97434	19.643	ug/l		97
40) Benzene	4.65	78	189068	20.428	ug/l		100
41) Methacrylonitrile	4.77	41	18515	22.967	ug/l	#	83
42) 1,2-Dichloroethane	4.96	62	65442	22.712	ug/l		99
43) Isopropyl Acetate	6.98	43	43419	22.781	ug/l	#	99
44) Trichloroethene	5.53	130	59301	21.894	ug/l		94
45) 1,2-Dichloropropane	6.26	63	49295	20.945	ug/l		99
46) Dibromomethane	6.11	93	32801	22.699	ug/l		88
47) Bromodichloromethane	6.40	83	84113	23.404	ug/l		98
48) Methyl methacrylate	6.73	41	27945	22.589	ug/l		95
49) 1,4-Dioxane	6.73	88	4340	555.978	ug/l		94
51) 4-Methyl-2-Pentanone	8.28	43	164409	114.285	ug/l		100
52) Toluene	7.64	92	122710	20.628	ug/l		99
53) t-1,3-Dichloropropene	8.30	75	62999	22.321	ug/l		96
54) cis-1,3-Dichloropropene	7.32	75	85572	22.867	ug/l		98
55) 1,1,2-Trichloroethane	8.50	97	38625	23.203	ug/l		89
56) Ethyl methacrylate	8.63	69	42491	22.839	ug/l		99
57) 1,3-Dichloropropane	8.87	76	70018	23.767	ug/l		93
58) 2-Chloroethyl Vinyl ether	7.31	63	10746	135.539	ug/l		98
59) 2-Hexanone	9.51	43	122300	120.000	ug/l		94
60) Dibromochloromethane	8.73	129	51132	23.068	ug/l		93
61) 1,2-Dibromoethane	9.01	107	38247	22.540	ug/l		91
64) Tetrachloroethene	8.17	164	51445	20.822	ug/l		93
65) Chlorobenzene	9.82	112	143277	20.908	ug/l		94
66) 1,1,1,2-Tetrachloroethane	9.94	131	58922	21.072	ug/l		95
67) Ethyl Benzene	9.91	91	271202	20.526	ug/l		97
68) m/p-Xylenes	10.15	106	179685	38.987	ug/l		100
69) o-Xylene	10.72	106	107736	20.926	ug/l		90
70) Styrene	10.80	104	141772	20.671	ug/l		98
71) Bromoform	10.78	173	26380	23.085	ug/l	#	91
73) Isopropylbenzene	11.14	105	306522	20.949	ug/l		100
74) N-amyl acetate	11.38	43	80340	24.155	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.71	83	54780	23.613	ug/l		98
76) 1,2,3-Trichloropropane	11.81	75	37600	22.098	ug/l		97
77) Bromobenzene	11.50	156	59361	20.393	ug/l		90
78) n-propylbenzene	11.60	91	366820	21.027	ug/l		96
79) 2-Chlorotoluene	11.73	91	204529	21.043	ug/l		89
80) 1,3,5-Trimethylbenzene	11.84	105	240902	20.692	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.88	75	14642m	19.692	ug/l		
82) 4-Chlorotoluene	11.91	91	204063	20.662	ug/l		94
83) tert-Butylbenzene	12.14	119	250367	21.585	ug/l		98
84) 1,2,4-Trimethylbenzene	12.21	105	233977	20.242	ug/l		97
85) sec-Butylbenzene	12.31	105	340806	20.635	ug/l		96
86) p-Isopropyltoluene	12.47	119	276345	20.571	ug/l		98
87) 1,3-Dichlorobenzene	12.49	146	118657	20.874	ug/l		99
88) 1,4-Dichlorobenzene	12.58	146	114230	20.902	ug/l		98
89) n-Butylbenzene	12.85	91	285338	20.672	ug/l		95
90) Hexachloroethane	12.92	117	63841	20.775	ug/l		98
91) 1,2-Dichlorobenzene	12.95	146	117347	21.627	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.65	75	8822	22.506	ug/l		75

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061317.D
Acq On : 10 Jan 2019 00:48
Operator : VA/AP
Sample : VF0109SBS02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 10 07:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	74763	20.023	ug/l	99
94) Hexachlorobutadiene	14.20	225	44077	18.337	ug/l	99
95) Naphthalene	14.47	128	140549	19.975	ug/l	100
96) 1,2,3-Trichlorobenzene	14.61	180	67973	19.326	ug/l	99

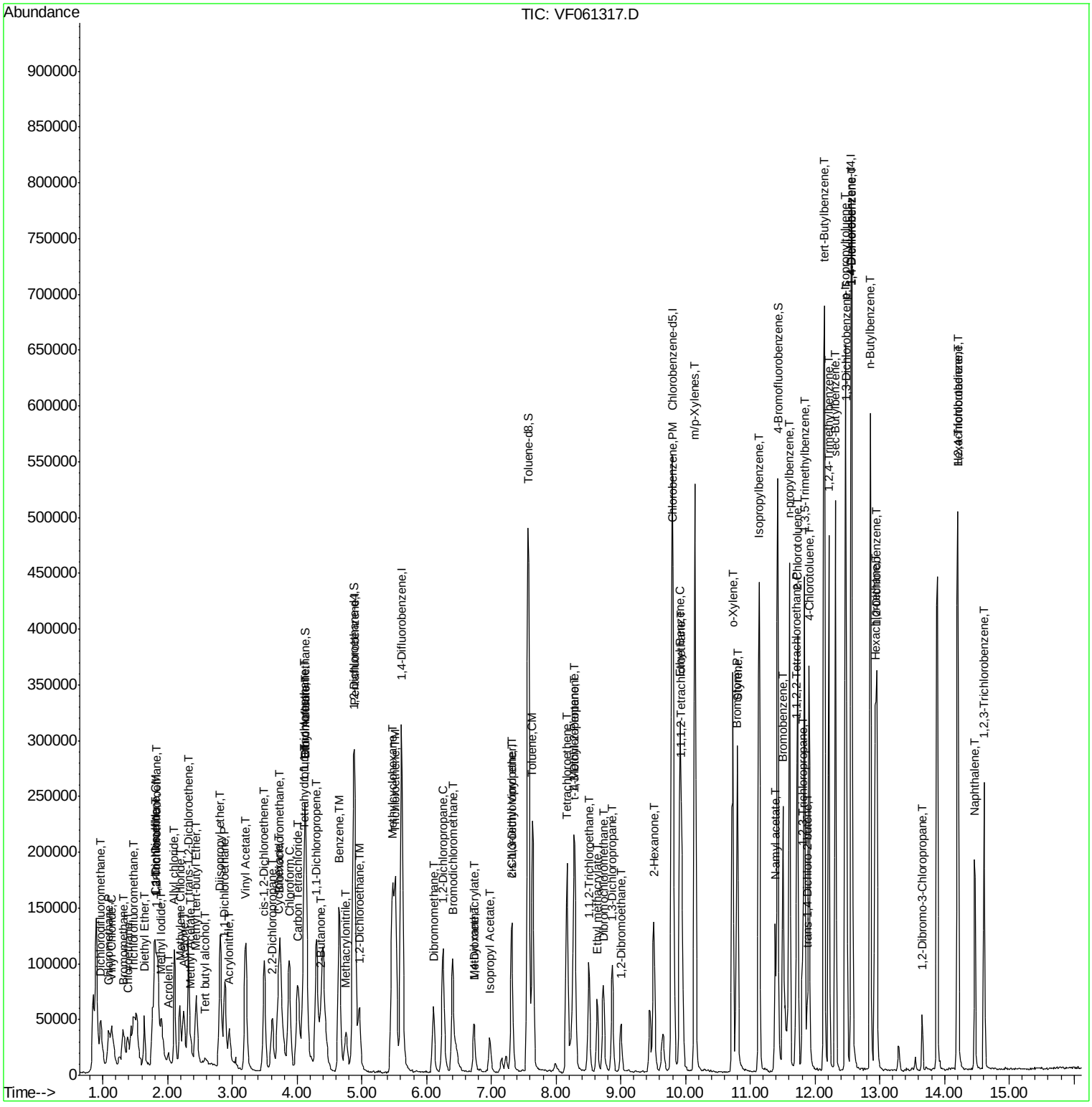
(#) = qualifier out of range (m) = manual integration (+) = signals summed

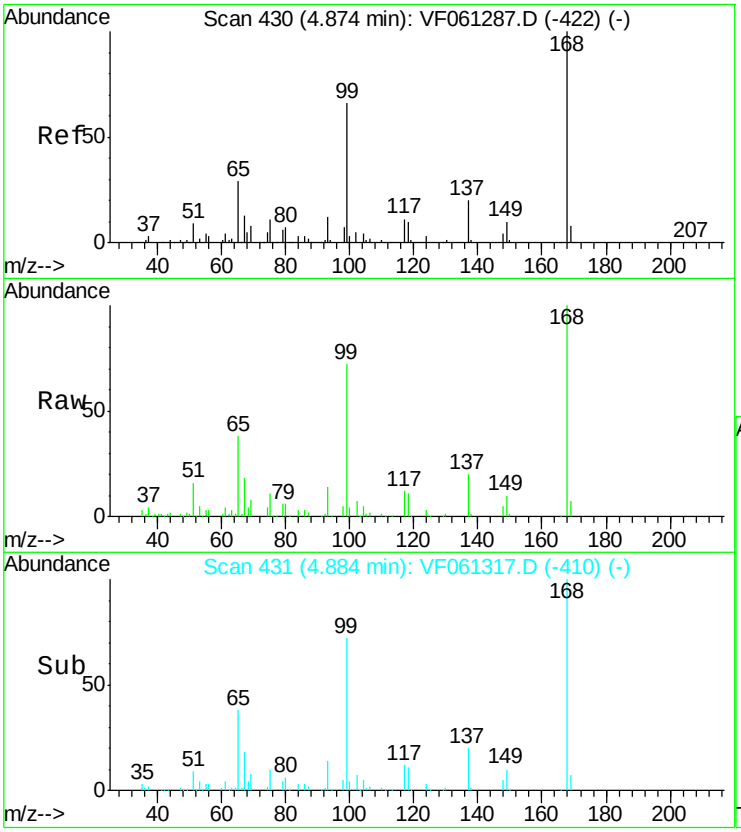
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\
Data File : VF061317.D
Acq On : 10 Jan 2019 00:48
Operator : VA/AP
Sample : VF0109SBS02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 10 07:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

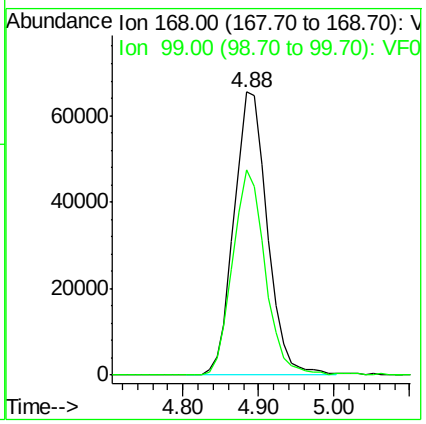




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

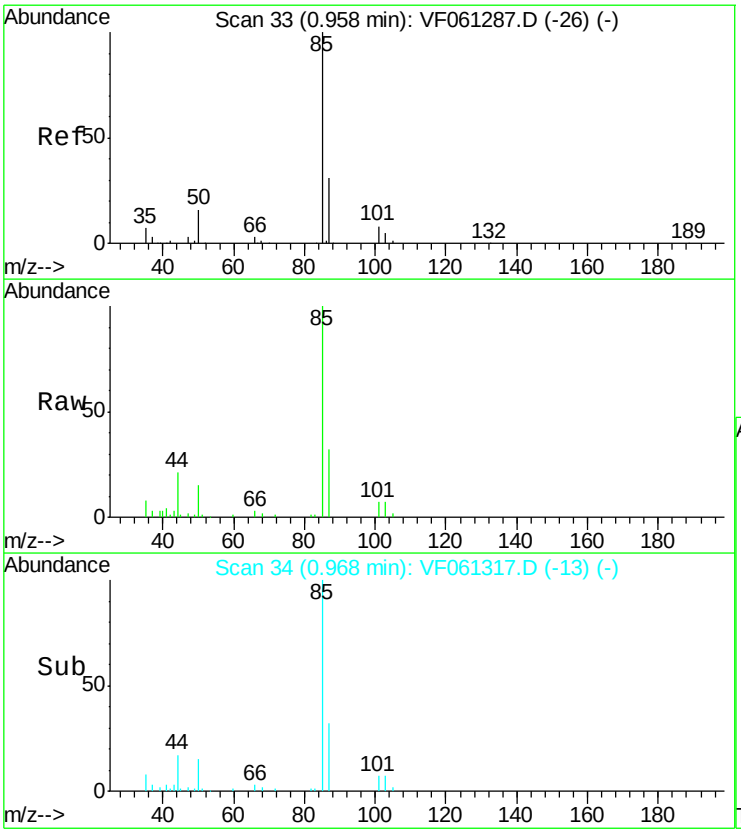
Tgt Ion:168 Resp: 200696

Ion	Ratio	Lower	Upper
168	100		
99	72.4	52.7	79.1



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

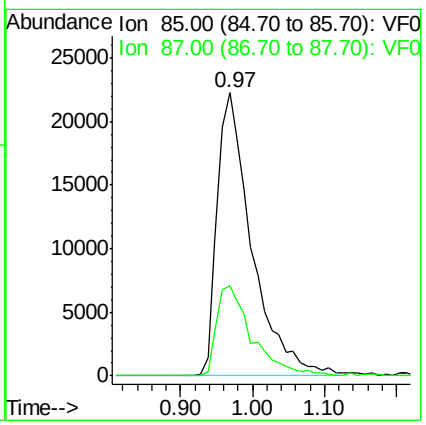
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

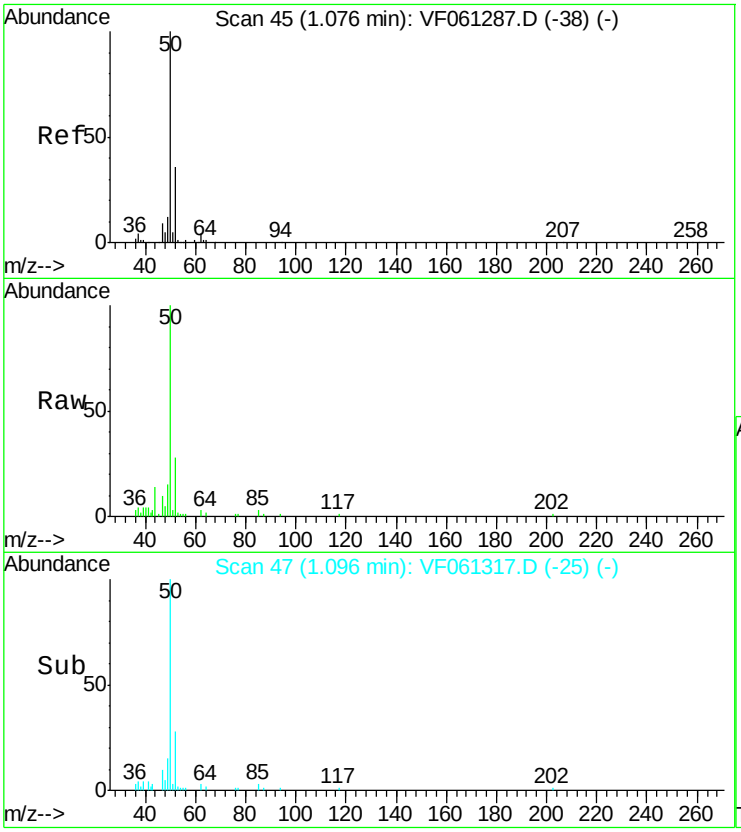


#2
Dichlorodifluoromethane
Concen: 20.028 ug/l
RT: 0.97 min Scan# 34
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 85 Resp: 74143

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.4	46.2

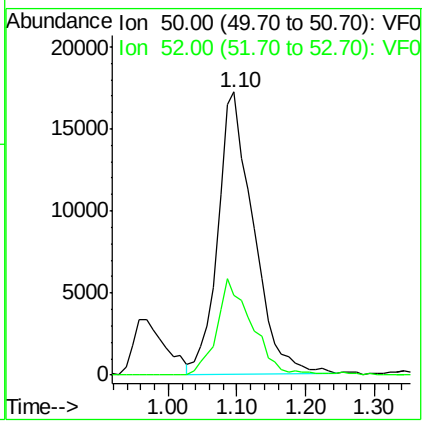




#3
Chloromethane
Concen: 18.536 ug/l
RT: 1.10 min Scan# 47
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

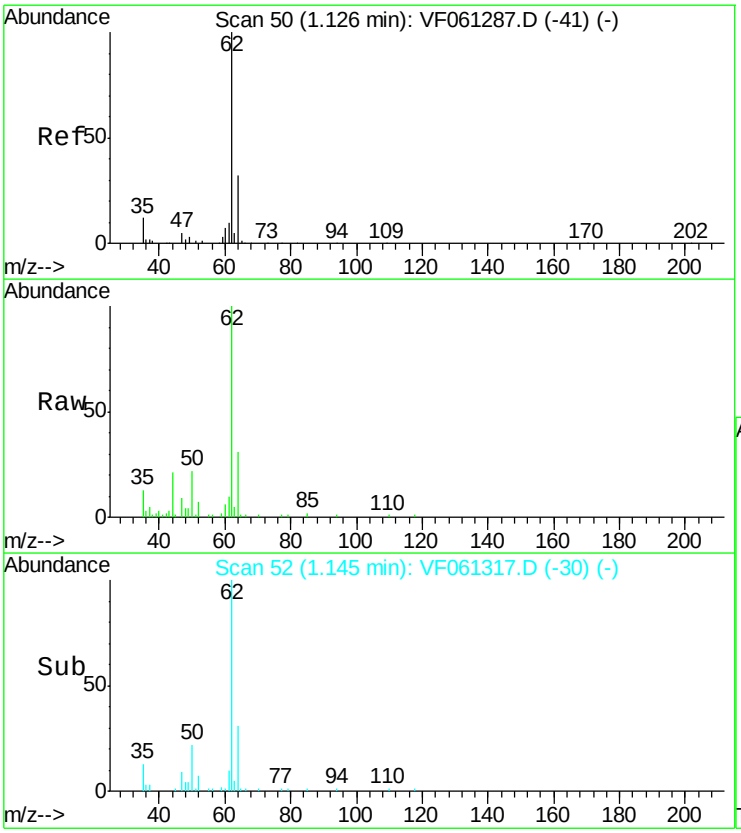
Tgt Ion: 50 Resp: 61149

Ion	Ratio	Lower	Upper
50	100		
52	28.4	28.2	42.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

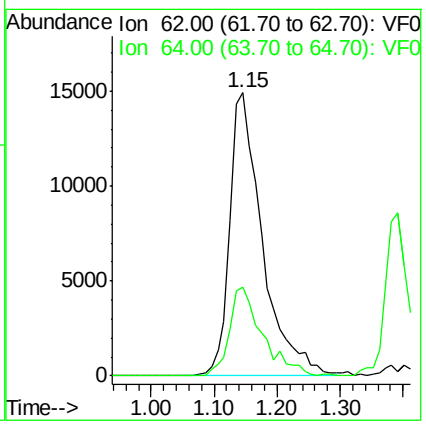
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

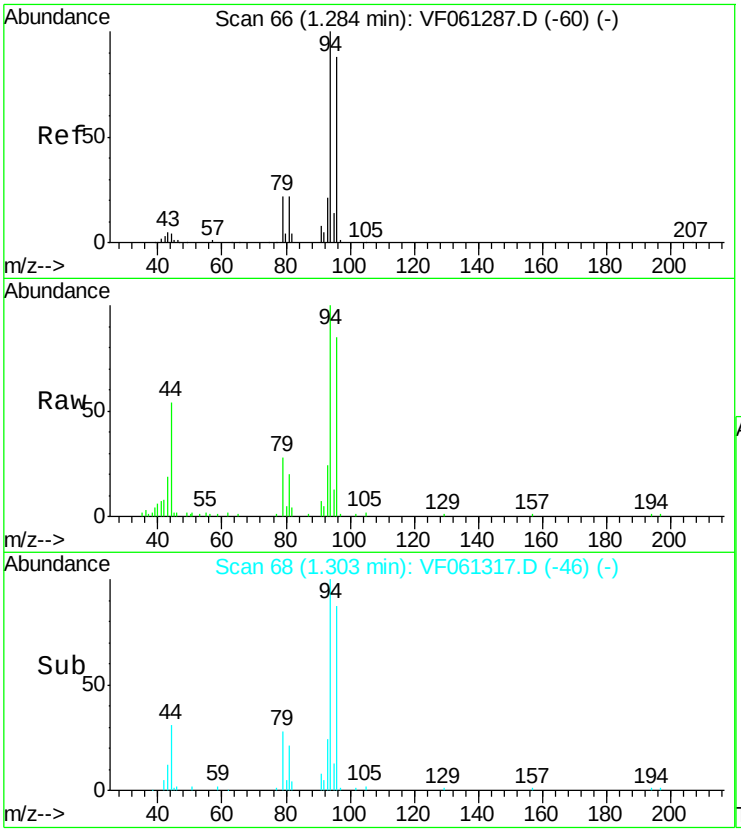


#4
Vinyl Chloride
Concen: 18.118 ug/l
RT: 1.15 min Scan# 52
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 62 Resp: 53384

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.4	38.0

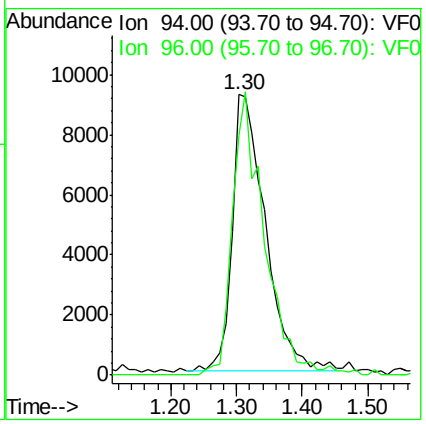




#5
Bromomethane
Concen: 15.229 ug/l
RT: 1.30 min Scan# 68
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

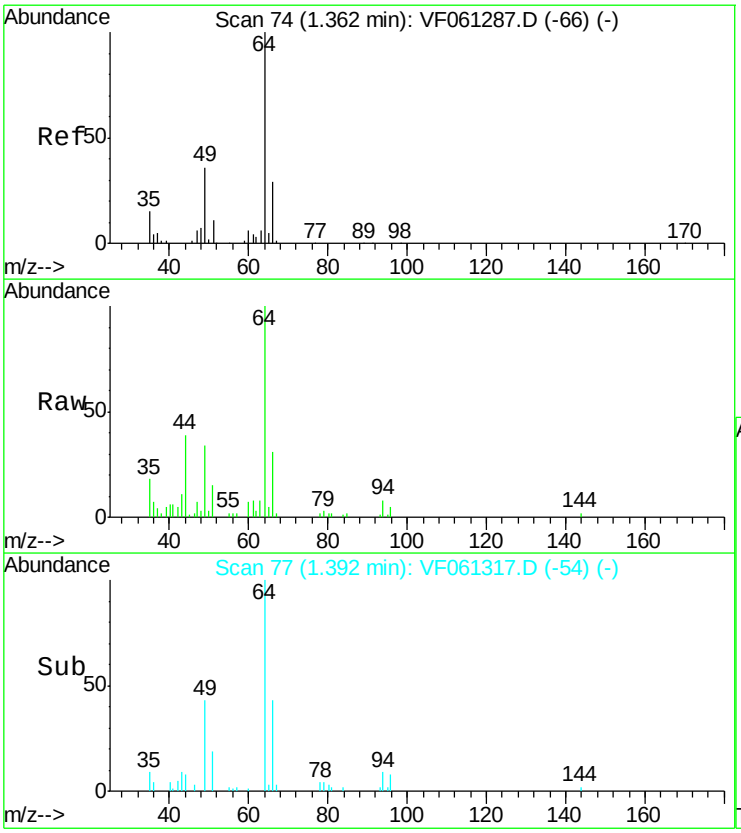
Tgt Ion: 94 Resp: 32781

Ion	Ratio	Lower	Upper
94	100		
96	85.5	70.2	105.4



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

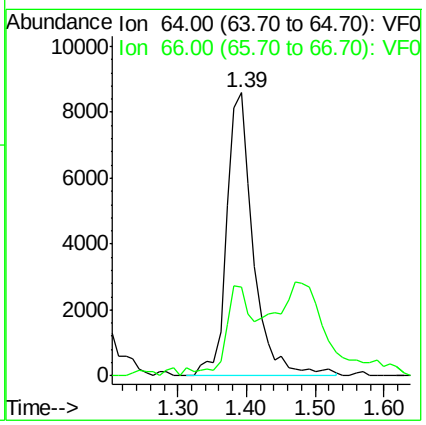
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

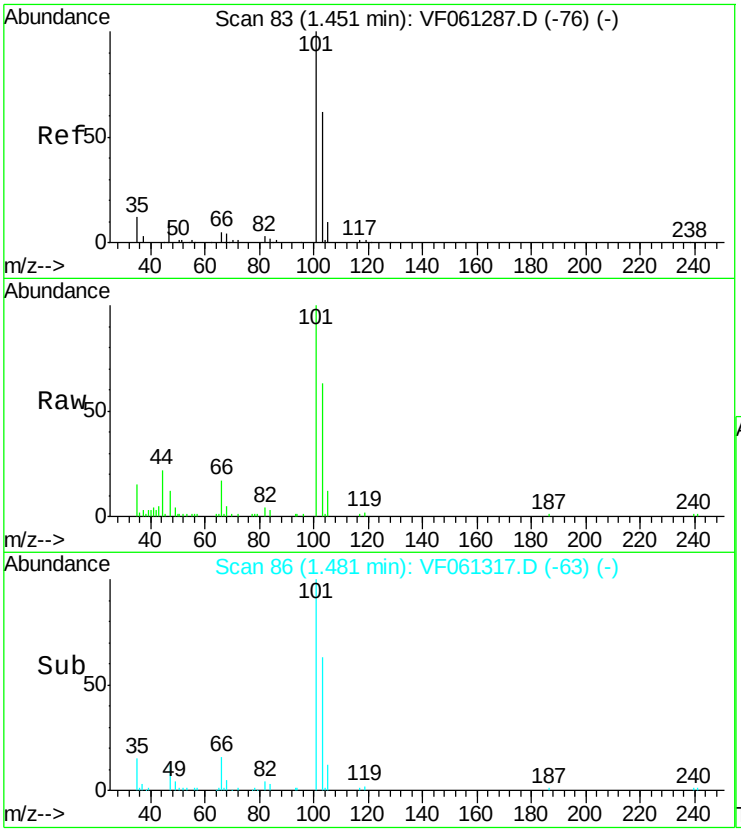


#6
Chloroethane
Concen: 15.947 ug/l
RT: 1.39 min Scan# 77
Delta R.T. 0.03 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 64 Resp: 22945

Ion	Ratio	Lower	Upper
64	100		
66	31.4	23.4	35.0

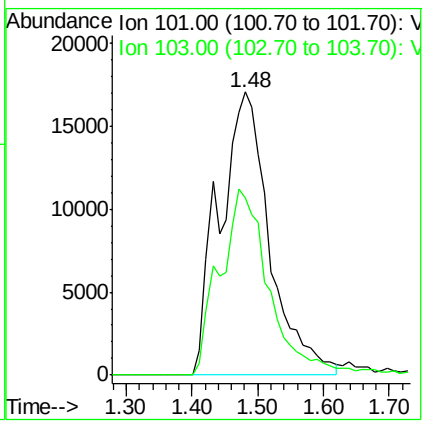




#7
Trichlorofluoromethane
Concen: 18.145 ug/l
RT: 1.48 min Scan# 86
Delta R.T. 0.03 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

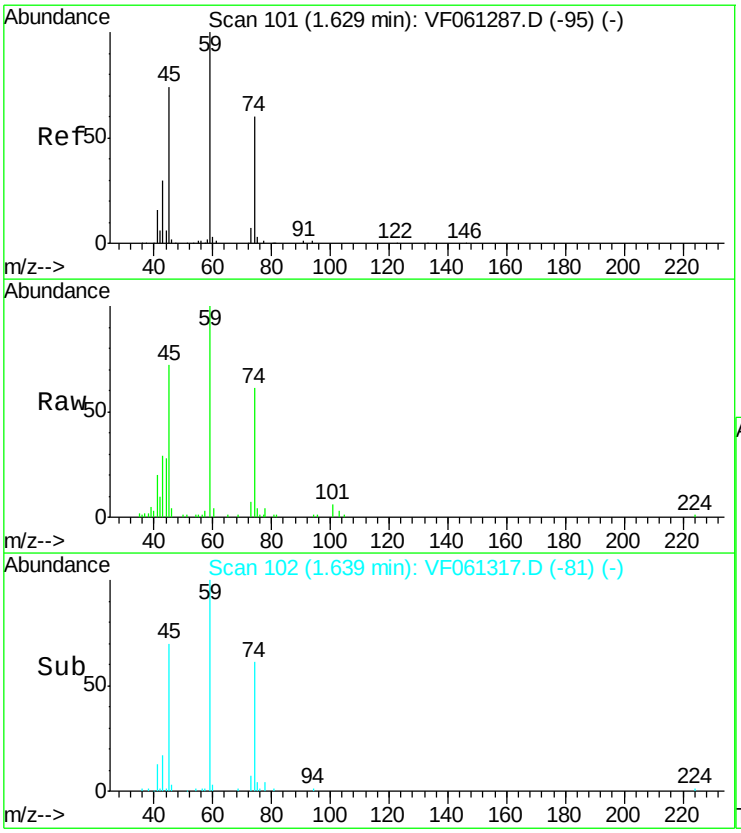
Tgt Ion:101 Resp: 90630

Ion	Ratio	Lower	Upper
101	100		
103	62.5	49.9	74.9



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

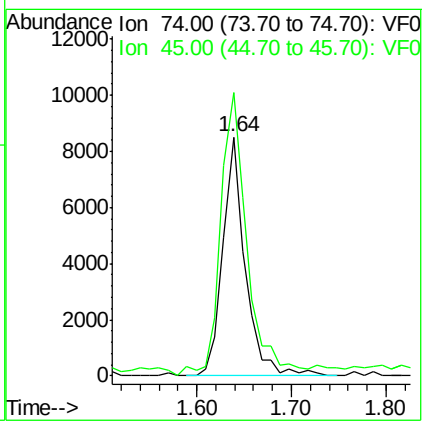
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

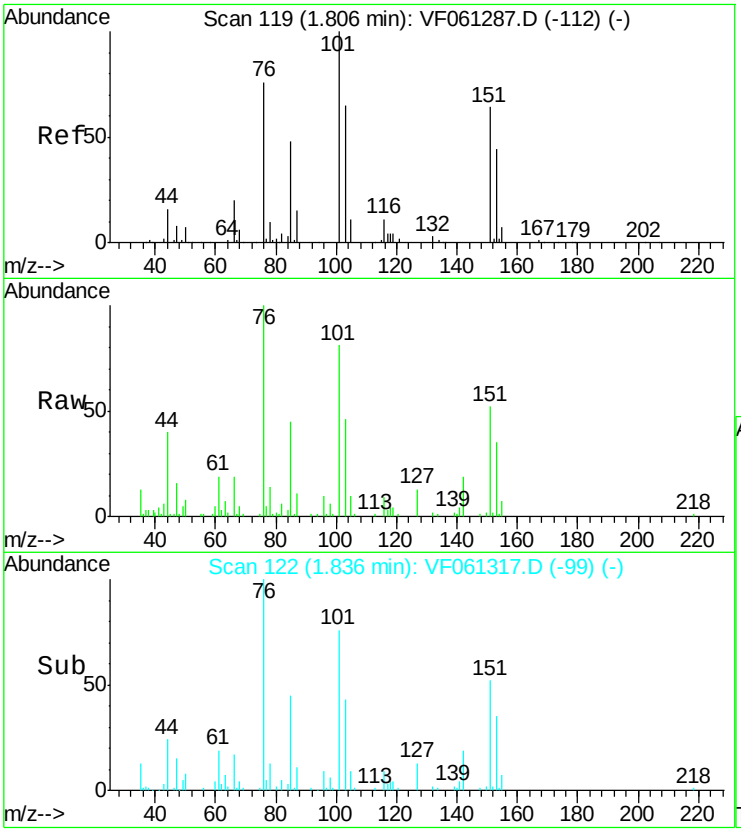


#8
Diethyl Ether
Concen: 19.070 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 74 Resp: 13987

Ion	Ratio	Lower	Upper
74	100		
45	118.7	62.1	186.3





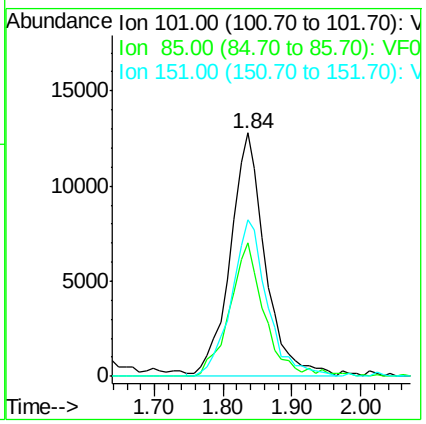
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.070 ug/l
RT: 1.84 min Scan# 122
Delta R.T. 0.03 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

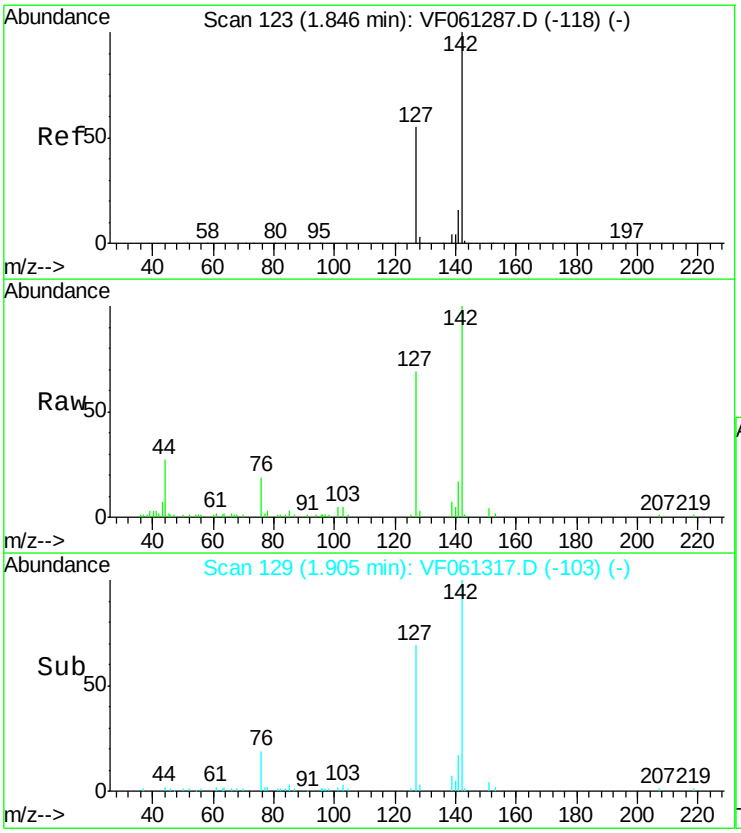
Tgt Ion:101 Resp: 45020

Ion	Ratio	Lower	Upper
101	100		
85	55.1	38.4	57.6
151	66.8	51.4	77.2

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

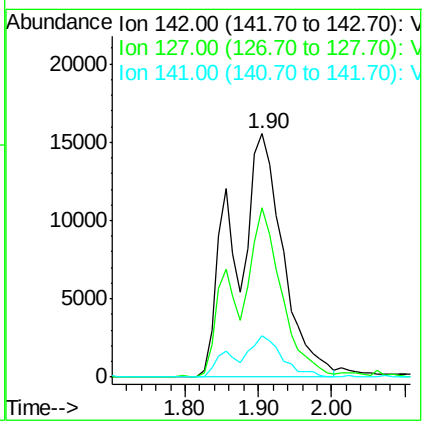


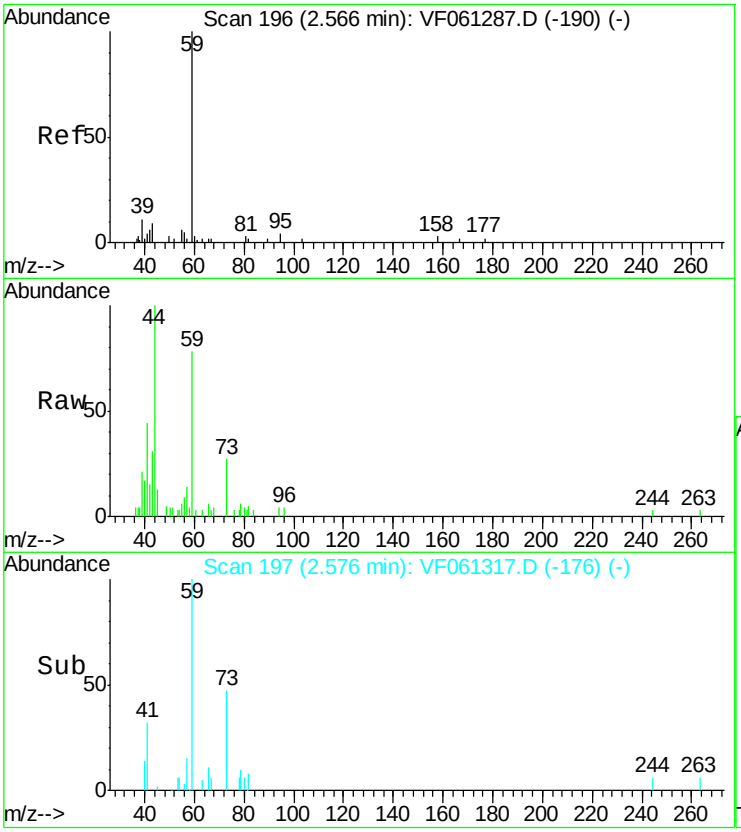


#10
Methyl Iodide
Concen: 17.363 ug/l m
RT: 1.90 min Scan# 129
Delta R.T. 0.06 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:142 Resp: 71744

Ion	Ratio	Lower	Upper
142	100		
127	69.5	44.3	66.5#
141	17.0	13.2	19.8

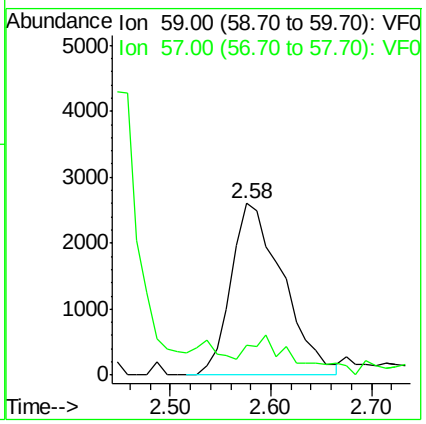




#11
Tert butyl alcohol
Concen: 104.081 ug/l
RT: 2.58 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

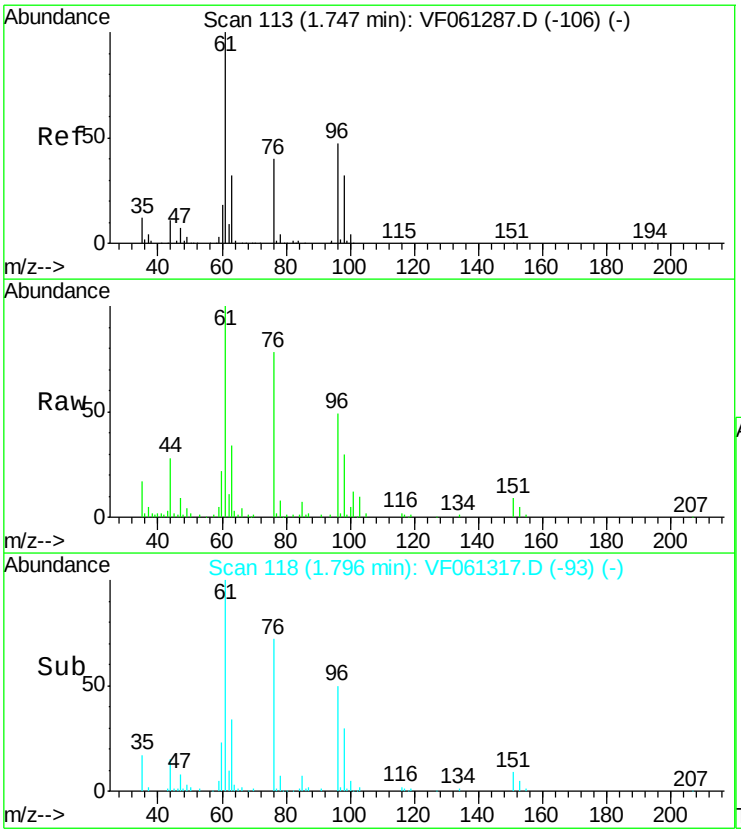
Tgt Ion: 59 Resp: 9309

Ion	Ratio	Lower	Upper
59	100		
57	17.5	15.1	22.7



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

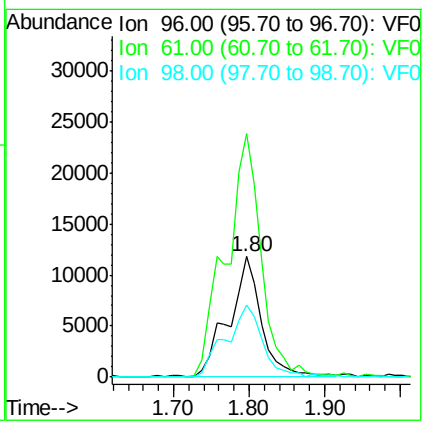
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

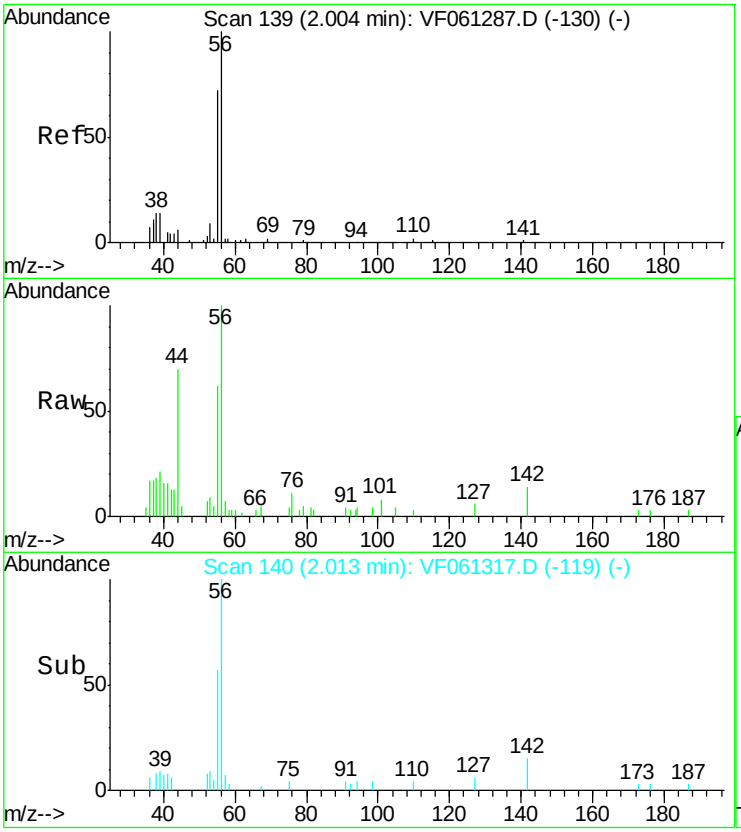


#12
1,1-Dichloroethene
Concen: 16.897 ug/l
RT: 1.80 min Scan# 118
Delta R.T. 0.05 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 96 Resp: 35635

Ion	Ratio	Lower	Upper
96	100		
61	202.1	171.8	257.8
98	59.8	54.2	81.4

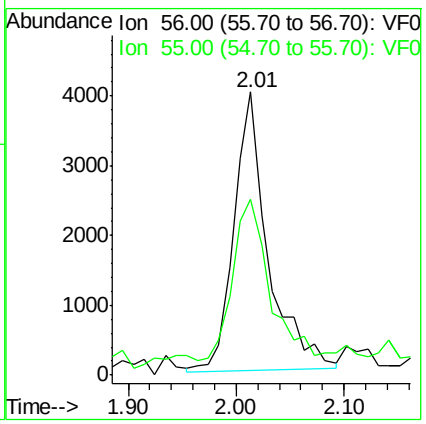




#13
Acrolein
Concen: 74.873 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

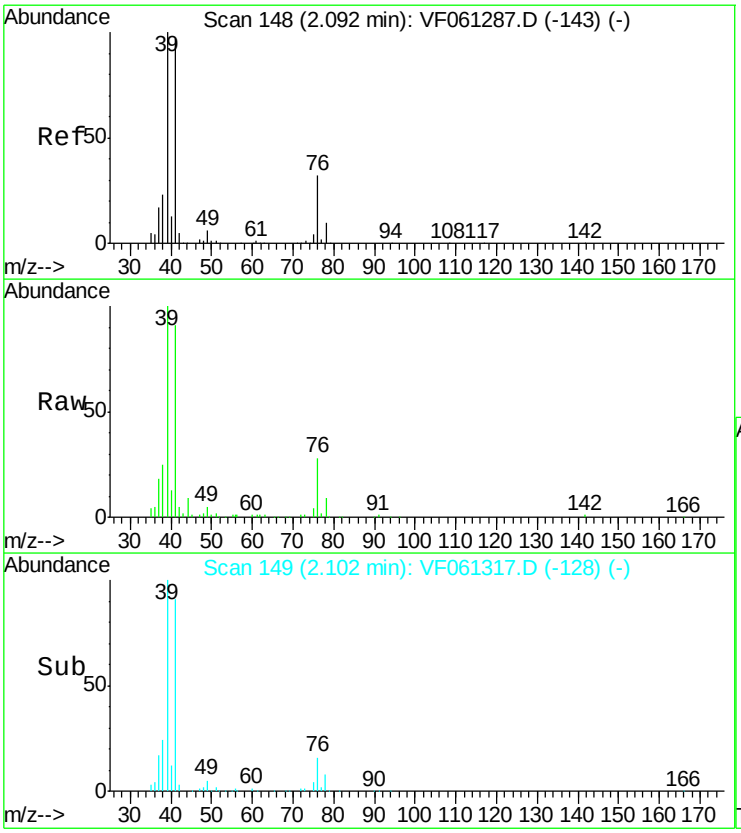
Tgt Ion: 56 Resp: 8726

Ion	Ratio	Lower	Upper
56	100		
55	62.0	59.4	89.0



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

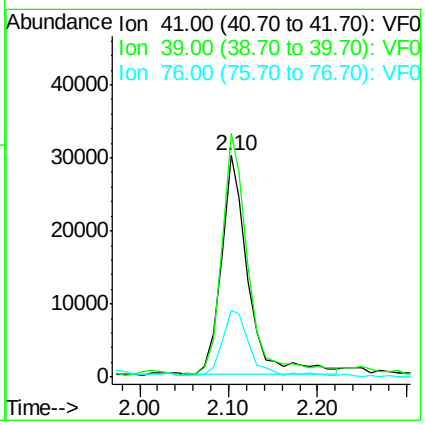
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

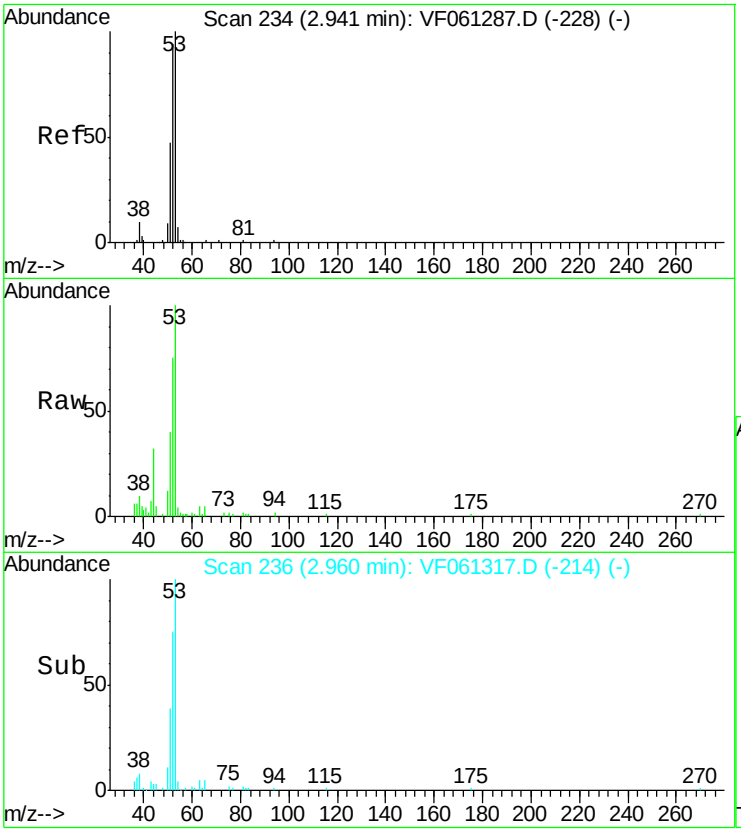


#14
Allyl chloride
Concen: 16.373 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 41 Resp: 63115

Ion	Ratio	Lower	Upper
41	100		
39	109.9	82.6	123.8
76	30.3	26.9	40.3

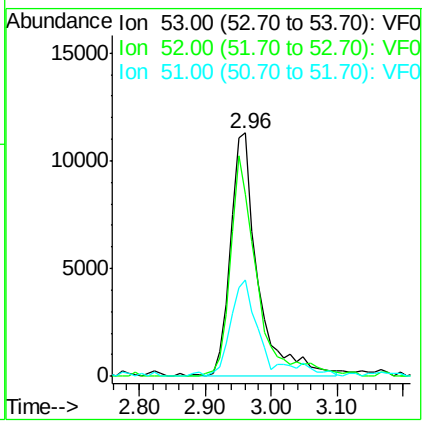




#15
Acrylonitrile
Concen: 105.008 ug/l
RT: 2.96 min Scan# 236
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

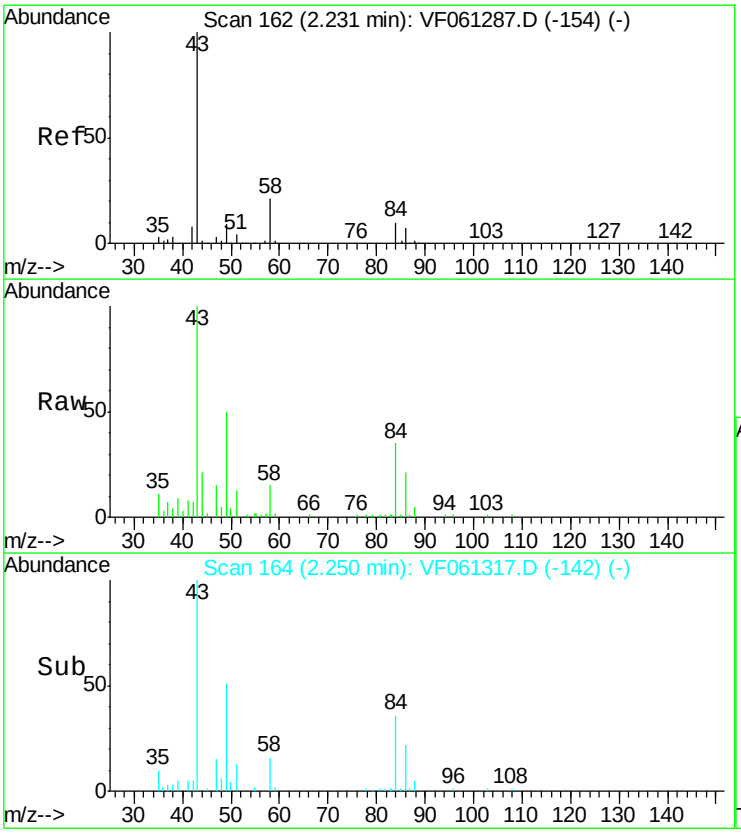
Tgt Ion: 53 Resp: 33294

Ion	Ratio	Lower	Upper
53	100		
52	74.9	74.6	111.8
51	39.5	37.8	56.6



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

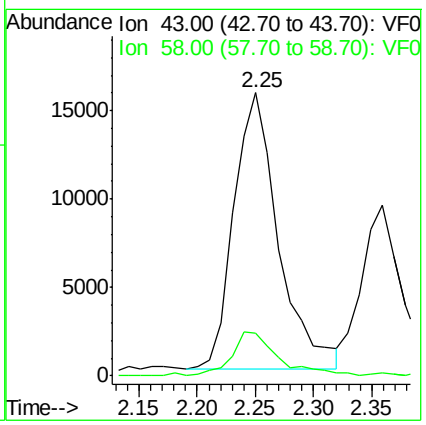
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

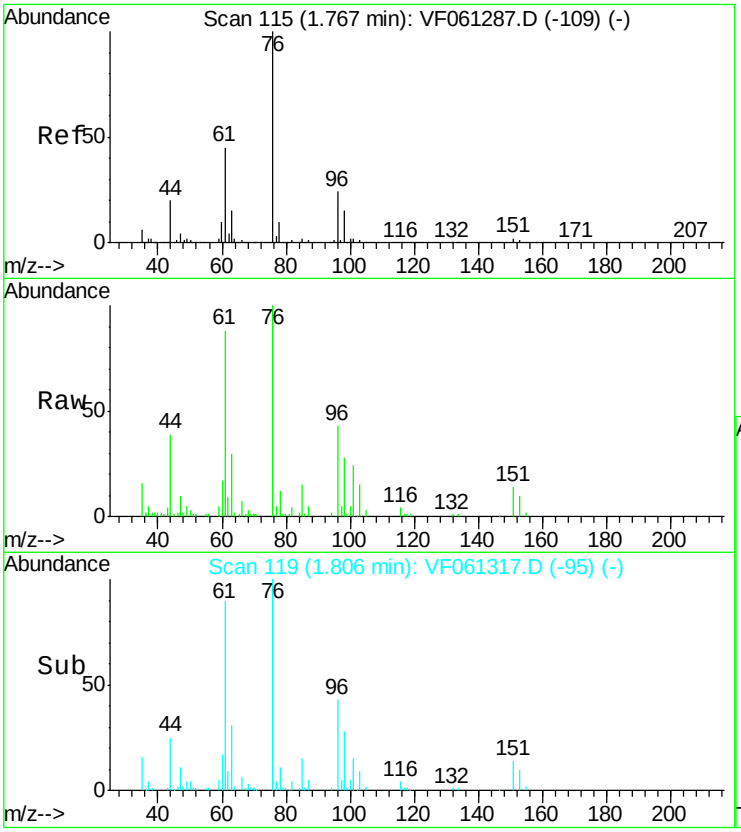


#16
Acetone
Concen: 79.540 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 43 Resp: 41333

Ion	Ratio	Lower	Upper
43	100		
58	15.3	16.6	25.0#

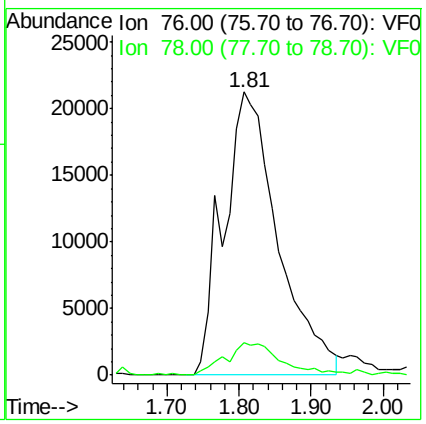




#17
Carbon Disulfide
Concen: 16.084 ug/l
RT: 1.81 min Scan# 119
Delta R.T. 0.04 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

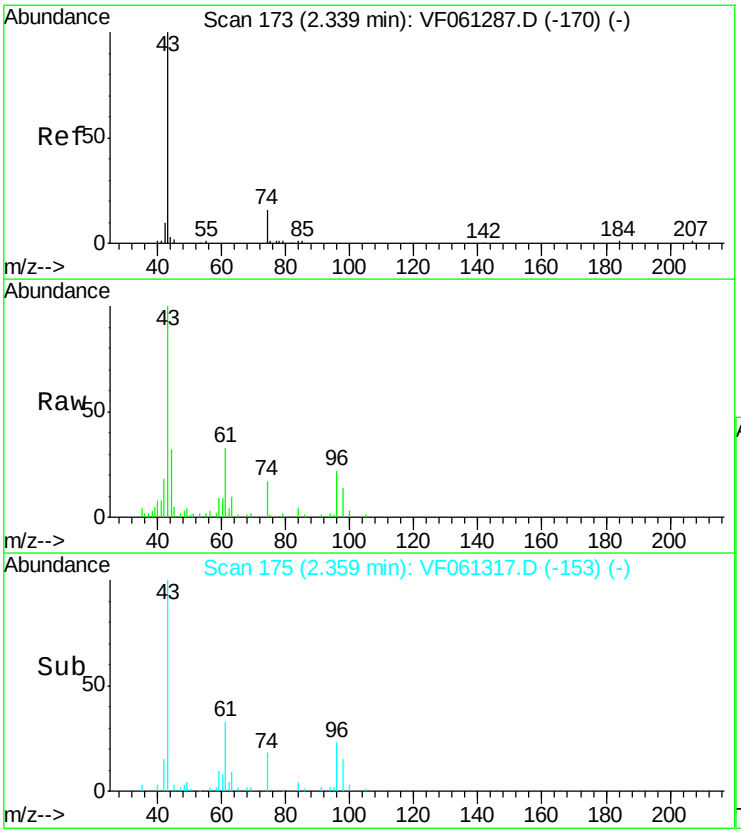
Tgt Ion: 76 Resp: 112041

Ion	Ratio	Lower	Upper
76	100		
78	11.5	7.8	11.6



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

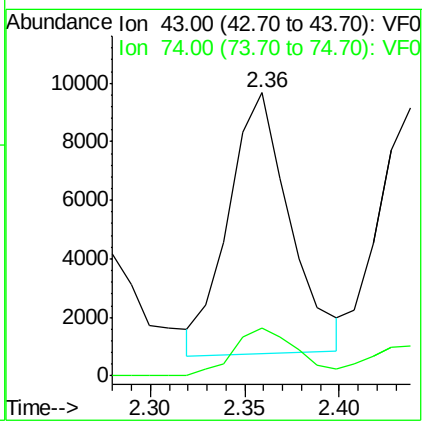
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

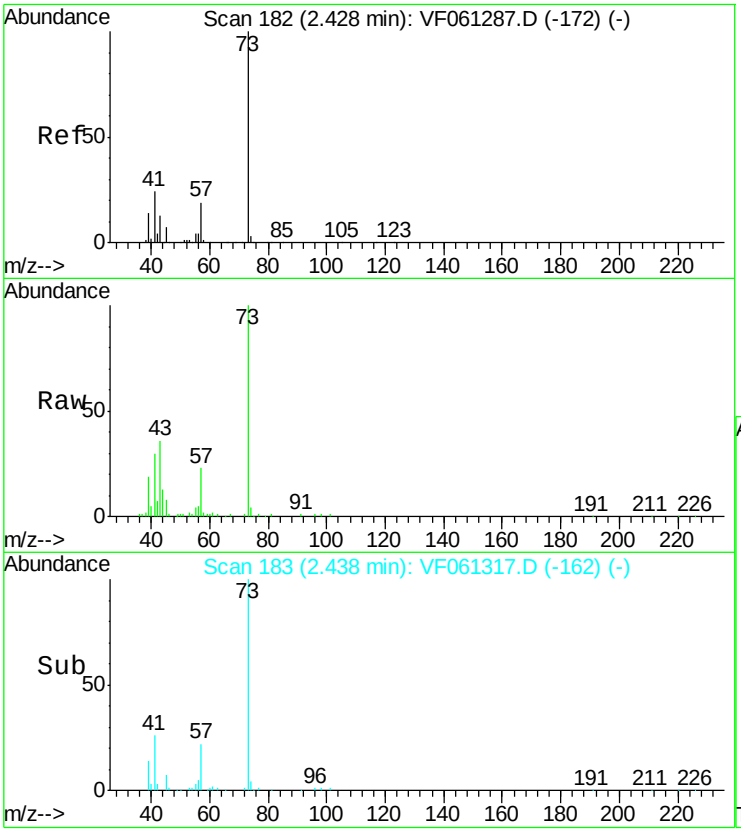


#18
Methyl Acetate
Concen: 19.633 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 43 Resp: 20073

Ion	Ratio	Lower	Upper
43	100		
74	17.0	11.6	17.4





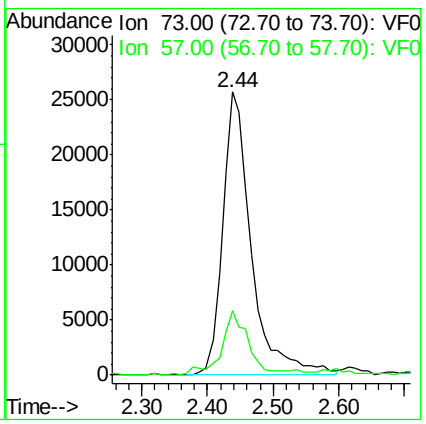
#19
Methyl tert-butyl Ether
Concen: 19.484 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

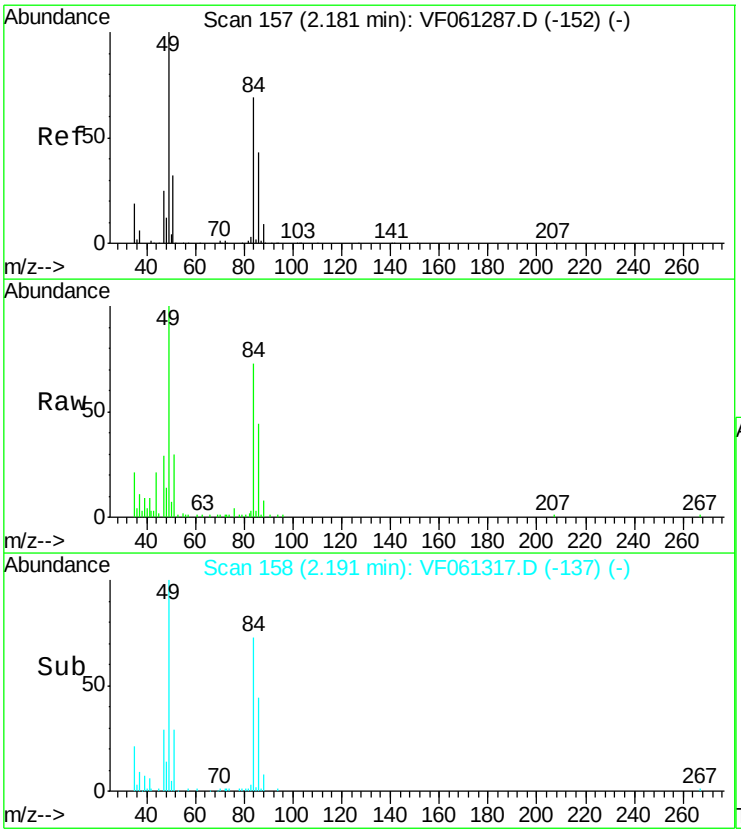
Tgt Ion: 73 Resp: 78306

Ion	Ratio	Lower	Upper
73	100		
57	22.6	15.5	23.3

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

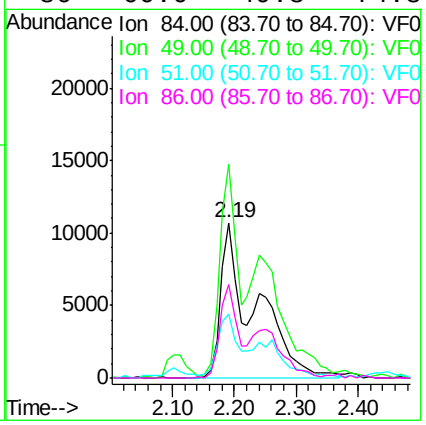


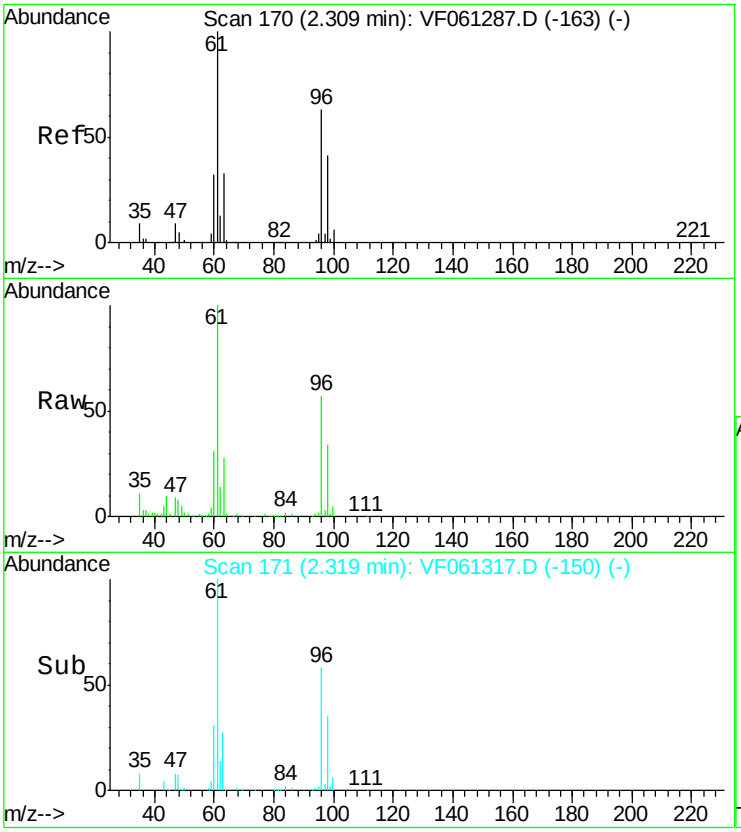


#20
Methylene Chloride
Concen: 18.460 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 84 Resp: 40582

Ion	Ratio	Lower	Upper
84	100		
49	137.5	116.6	175.0
51	41.2	37.7	56.5
86	60.0	49.8	74.8

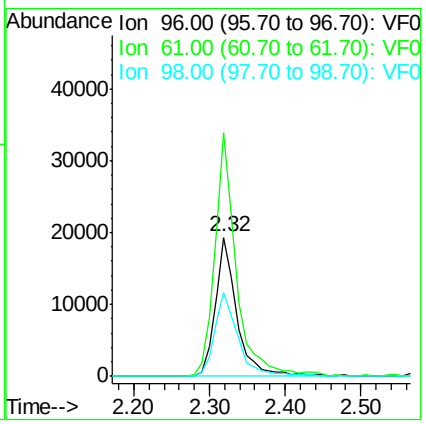




#21
trans-1,2-Dichloroethene
Concen: 17.263 ug/l
RT: 2.32 min Scan# 171
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

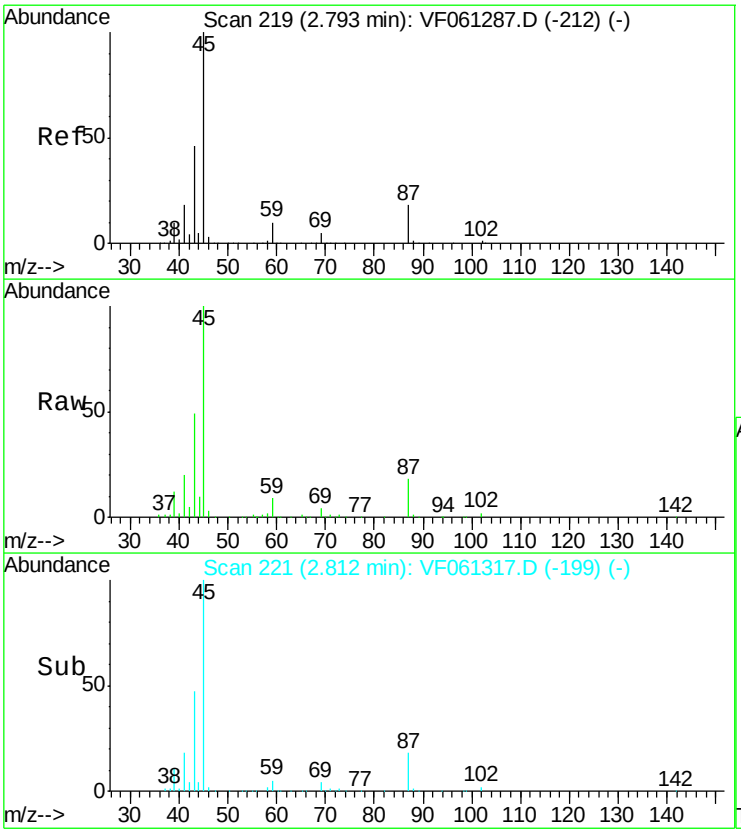
Tgt Ion: 96 Resp: 38580

Ion	Ratio	Lower	Upper
96	100		
61	175.2	127.0	190.4
98	59.8	51.7	77.5



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

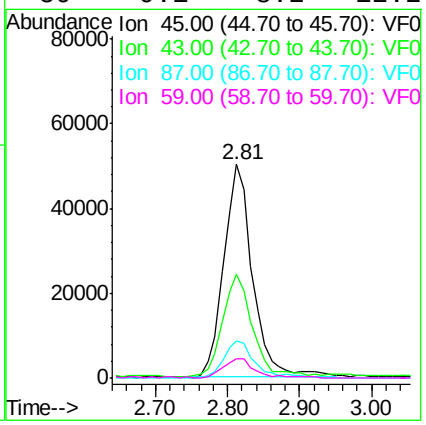
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

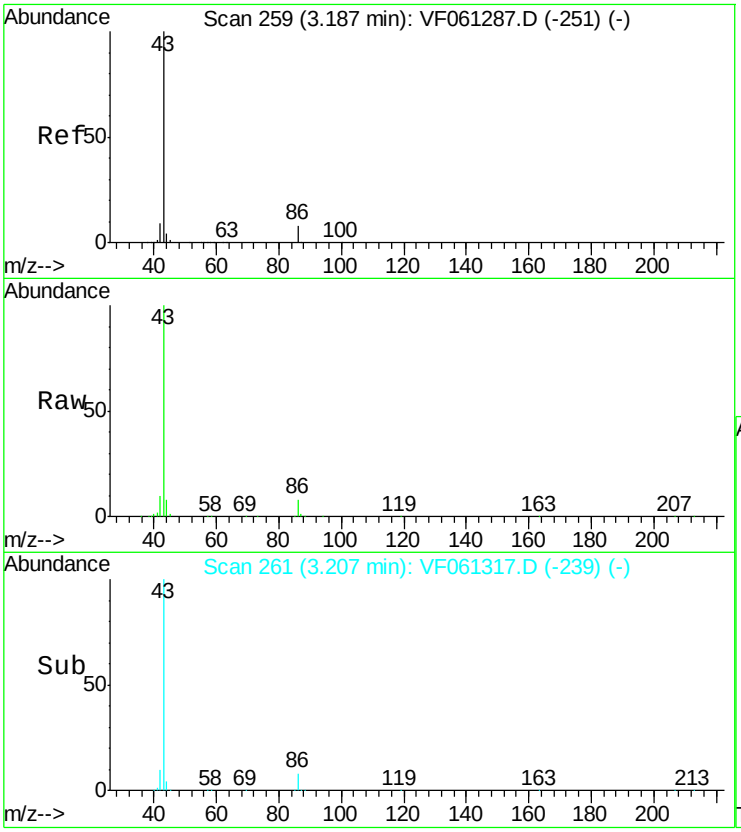


#22
Diisopropyl ether
Concen: 18.714 ug/l
RT: 2.81 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 45 Resp: 139569

Ion	Ratio	Lower	Upper
45	100		
43	48.8	37.4	56.2
87	17.6	14.2	21.2
59	9.1	8.2	12.2

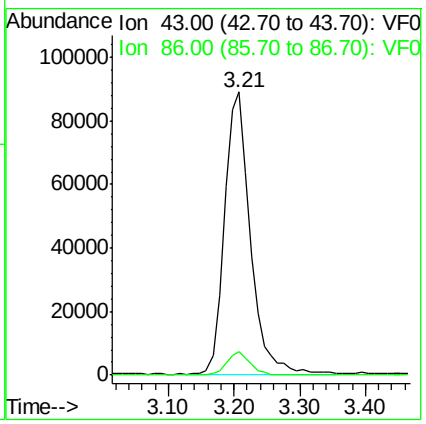




#23
Vinyl Acetate
Concen: 112.023 ug/l
RT: 3.21 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

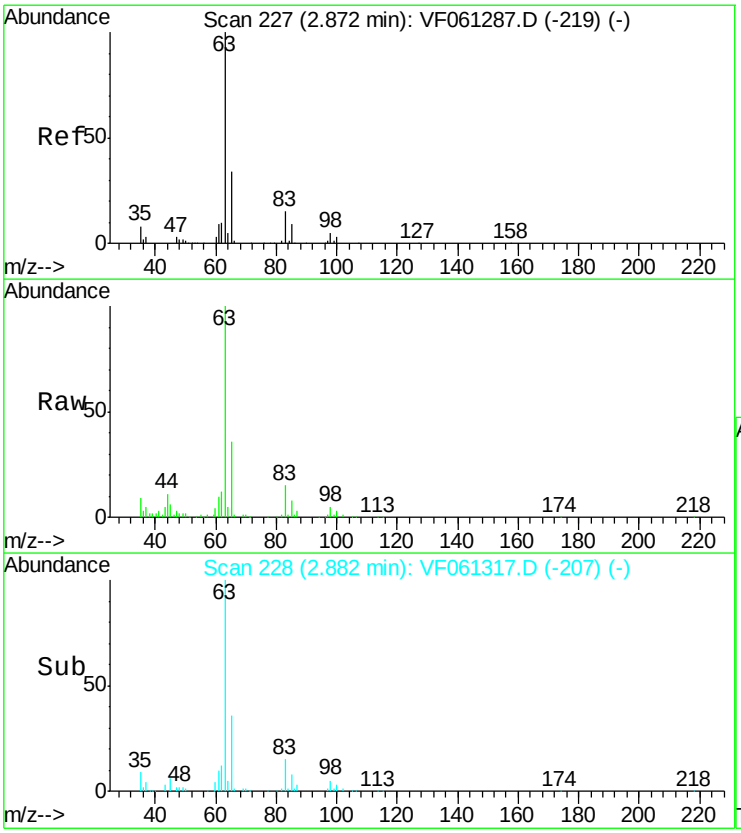
Tgt Ion: 43 Resp: 244328

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.5	9.7



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

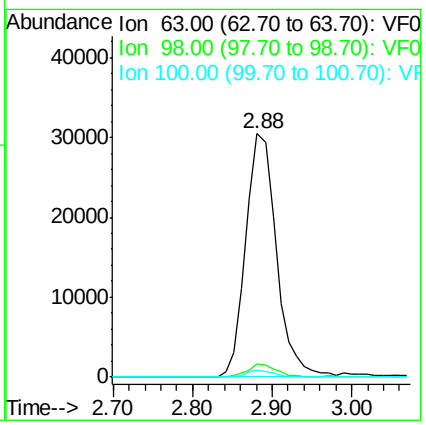
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

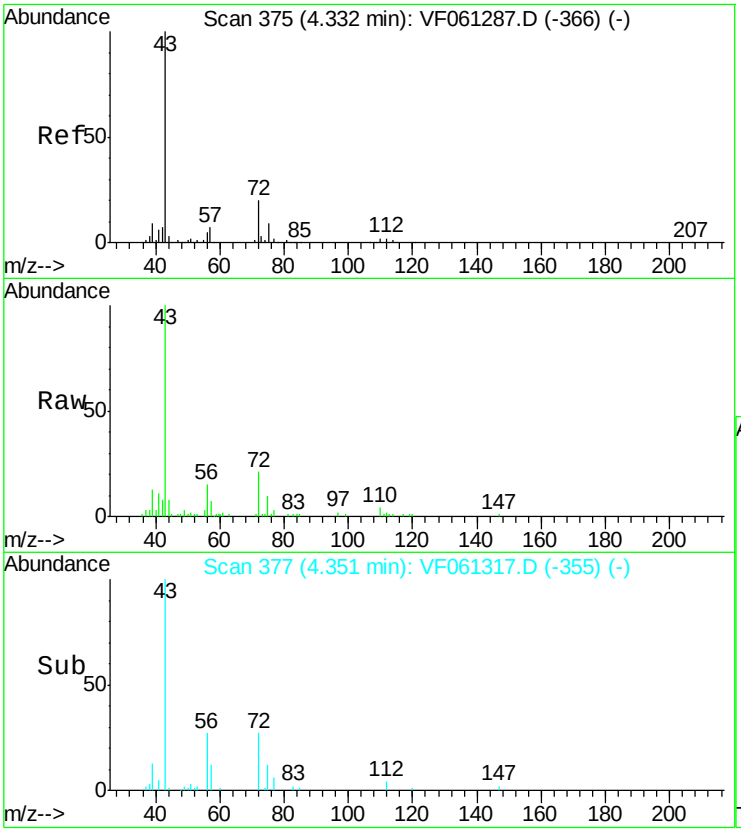


#24
1,1-Dichloroethane
Concen: 18.821 ug/l
RT: 2.88 min Scan# 228
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 63 Resp: 81194

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.5	7.6
100	2.6	1.7	5.0

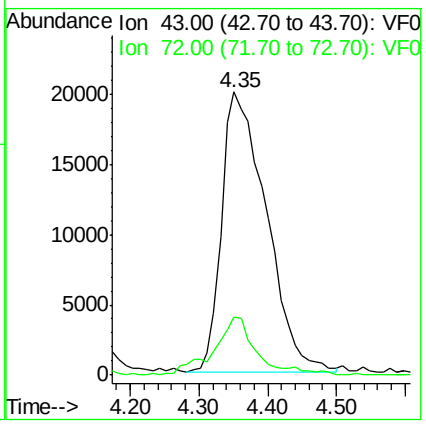




#25
2-Butanone
Concen: 106.987 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

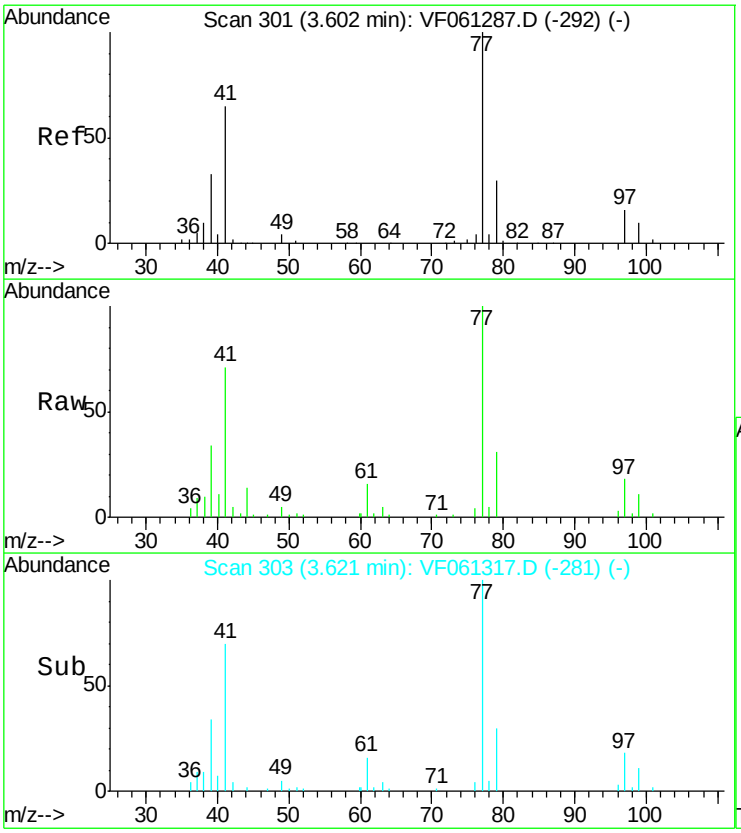
Tgt Ion: 43 Resp: 89481

Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.5	24.7



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

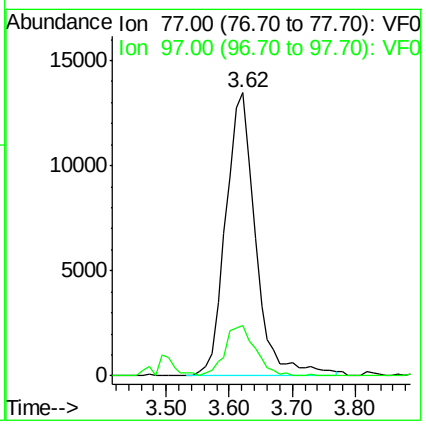
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

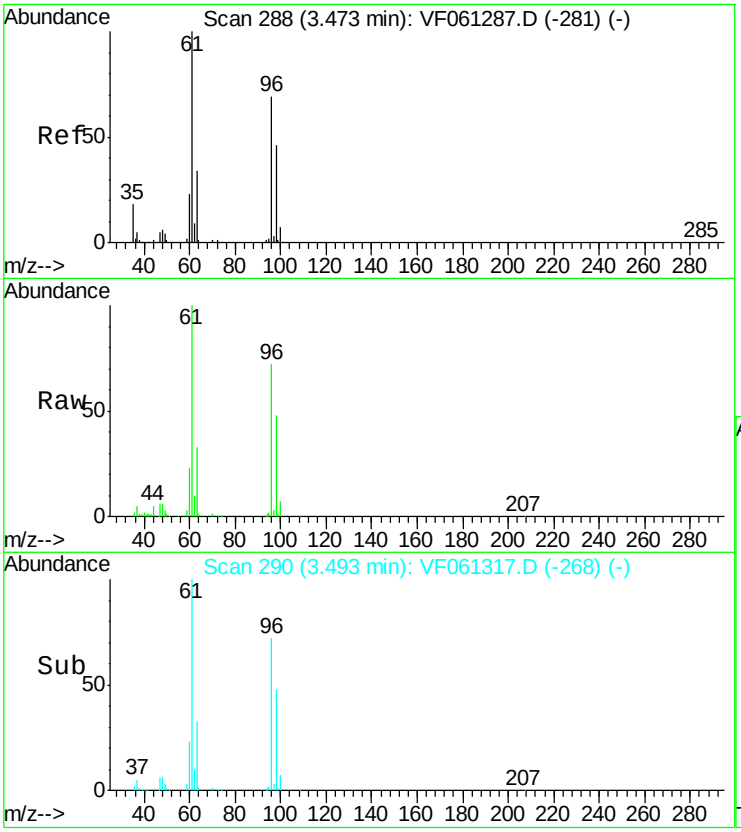


#26
2,2-Dichloropropane
Concen: 15.329 ug/l
RT: 3.62 min Scan# 303
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 77 Resp: 44191

Ion	Ratio	Lower	Upper
77	100		
97	17.8	8.6	25.9

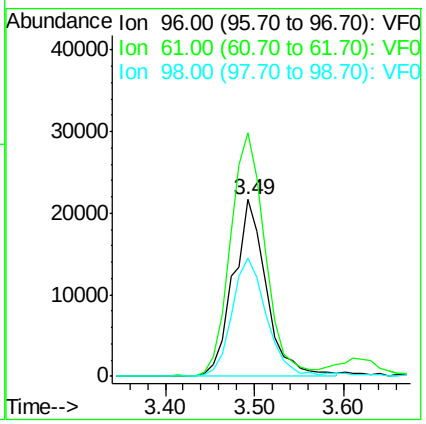




#27
cis-1,2-Dichloroethene
Concen: 18.030 ug/l
RT: 3.49 min Scan# 290
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

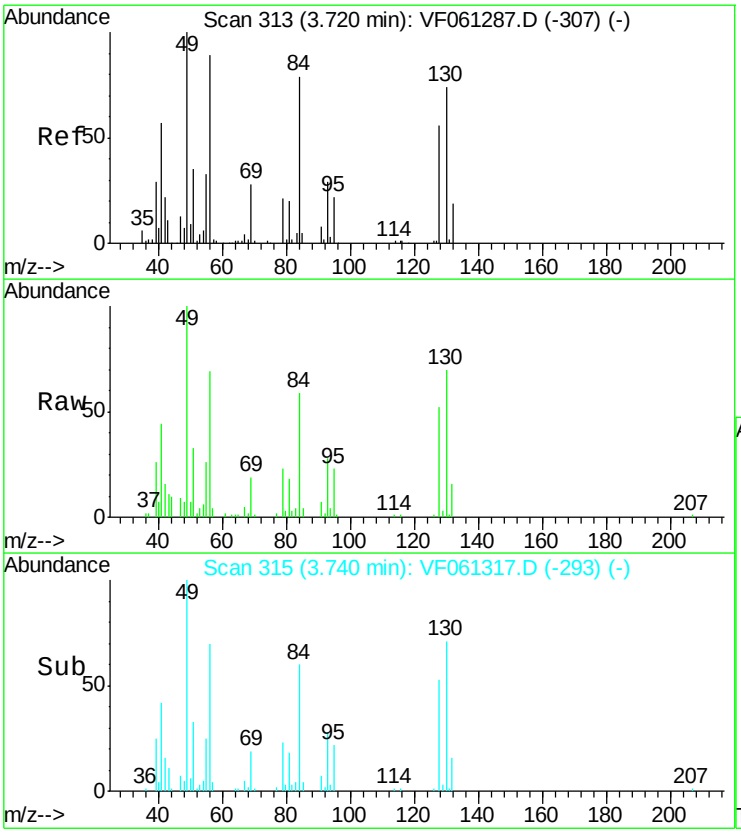
Tgt Ion: 96 Resp: 56258

Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	288.2
98	66.7	0.0	132.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

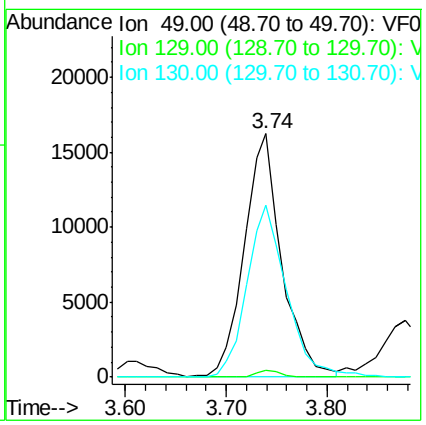
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

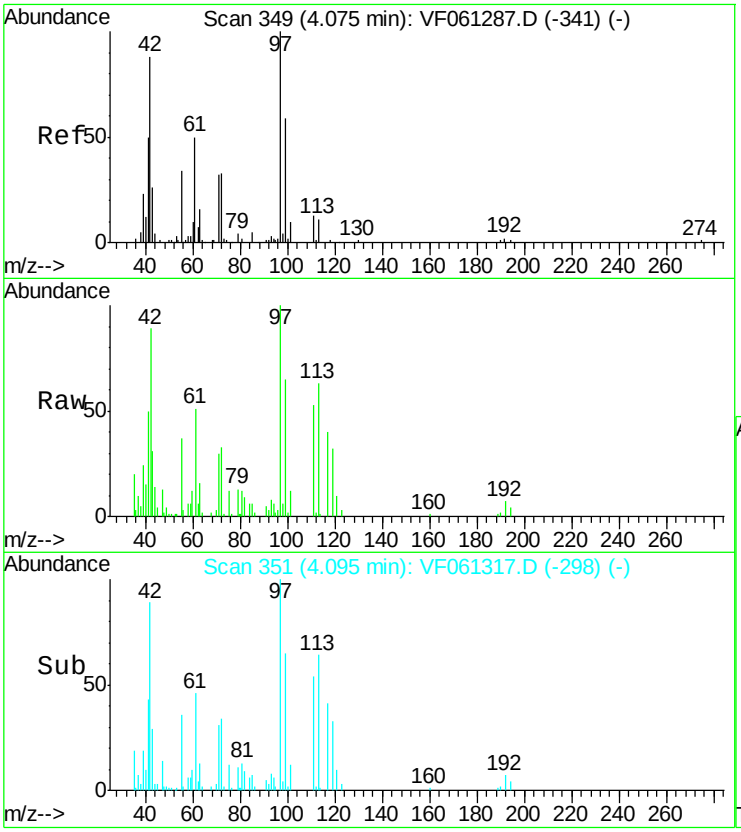


#28
Bromochloromethane
Concen: 22.166 ug/l
RT: 3.74 min Scan# 315
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 49 Resp: 42163

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	0.0#
130	70.4	58.6	88.0

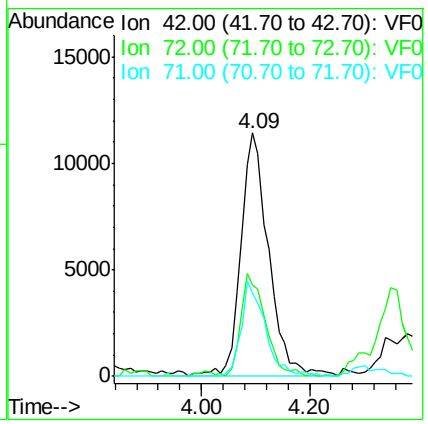




#29
Tetrahydrofuran
Concen: 117.308 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

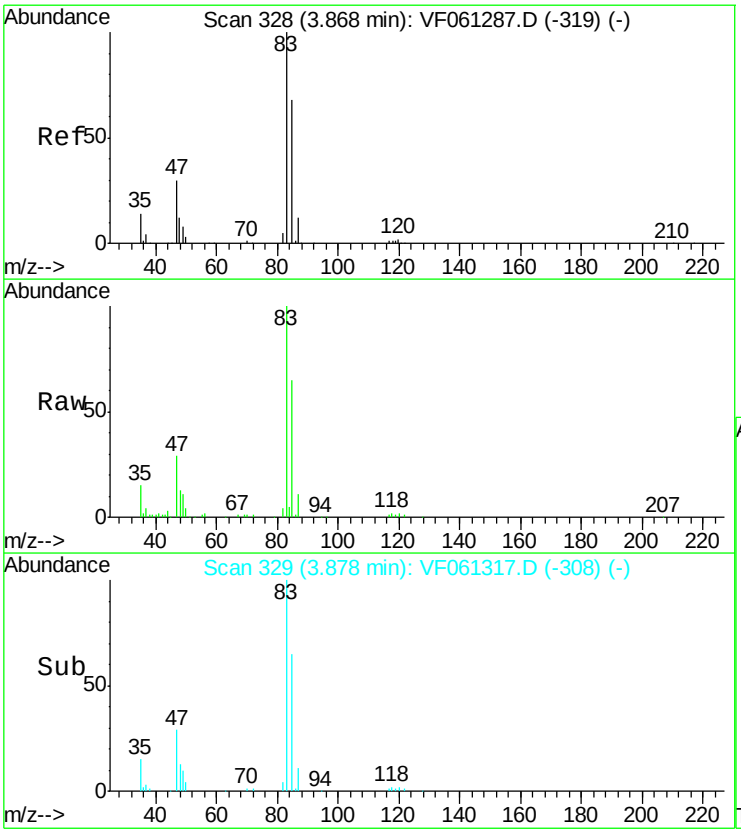
Tgt Ion: 42 Resp: 41022

Ion	Ratio	Lower	Upper
42	100		
72	37.5	32.3	48.5
71	33.5	29.5	44.3



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

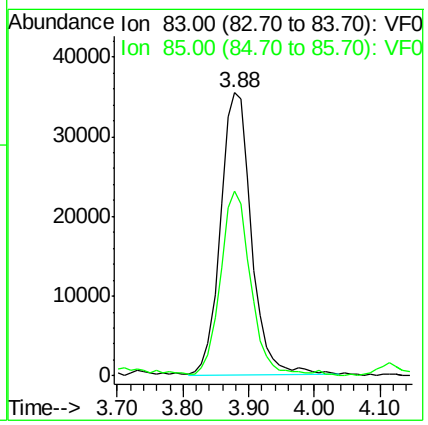
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

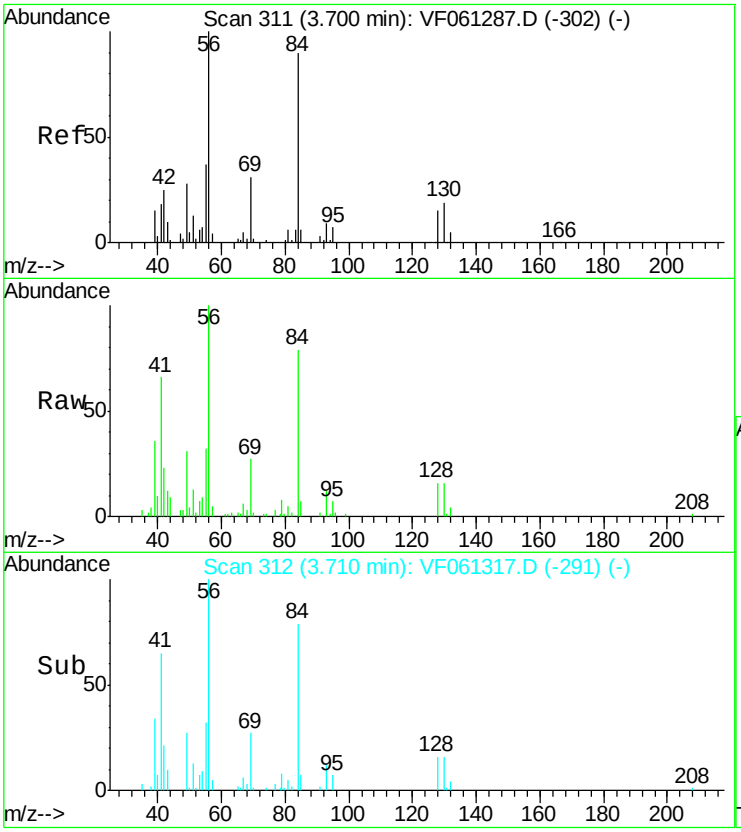


#30
Chloroform
Concen: 21.141 ug/l
RT: 3.88 min Scan# 329
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 83 Resp: 115778

Ion	Ratio	Lower	Upper
83	100		
85	65.2	54.4	81.6

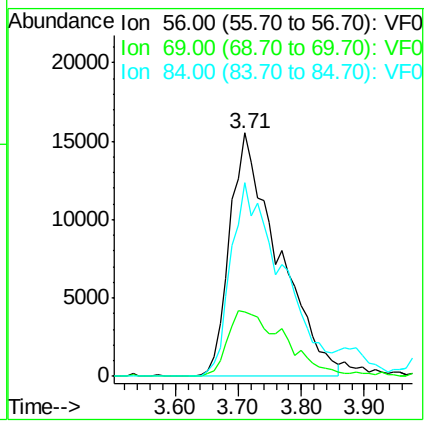




#31
Cyclohexane
Concen: 18.315 ug/l
RT: 3.71 min Scan# 312
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

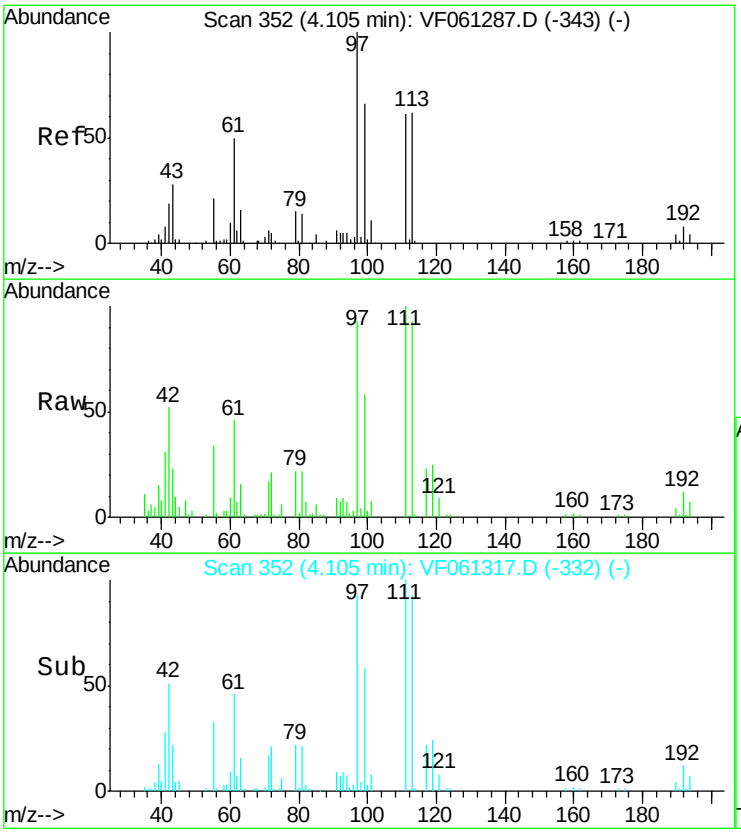
Tgt Ion: 56 Resp: 82893

Ion	Ratio	Lower	Upper
56	100		
69	26.5	24.7	37.1
84	79.3	72.2	108.4



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

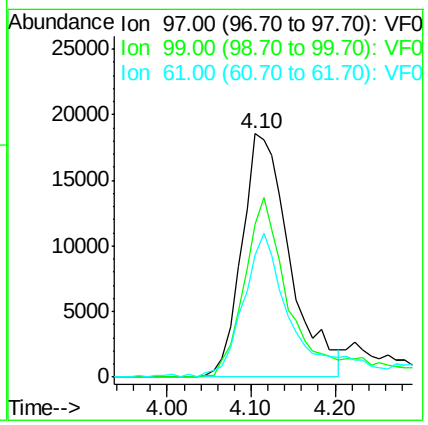
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

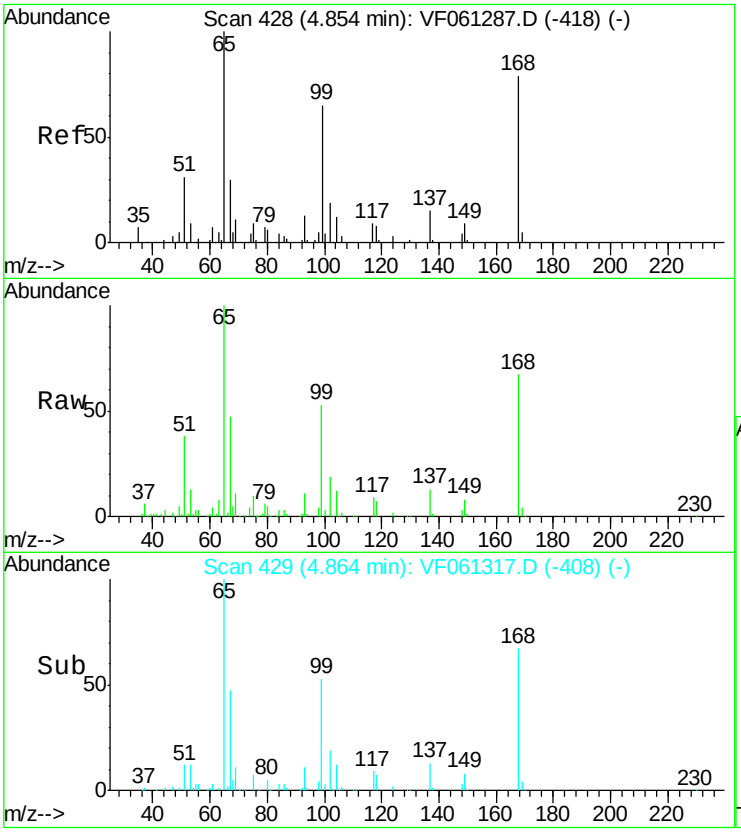


#32
1,1,1-Trichloroethane
Concen: 16.733 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 97 Resp: 74019

Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.7	79.1
61	50.0	40.8	61.2

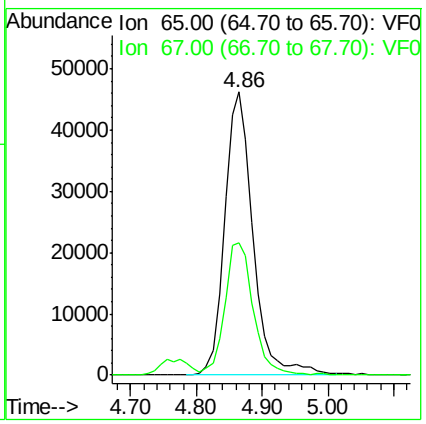




#33
1,2-Dichloroethane-d4
Concen: 62.137 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

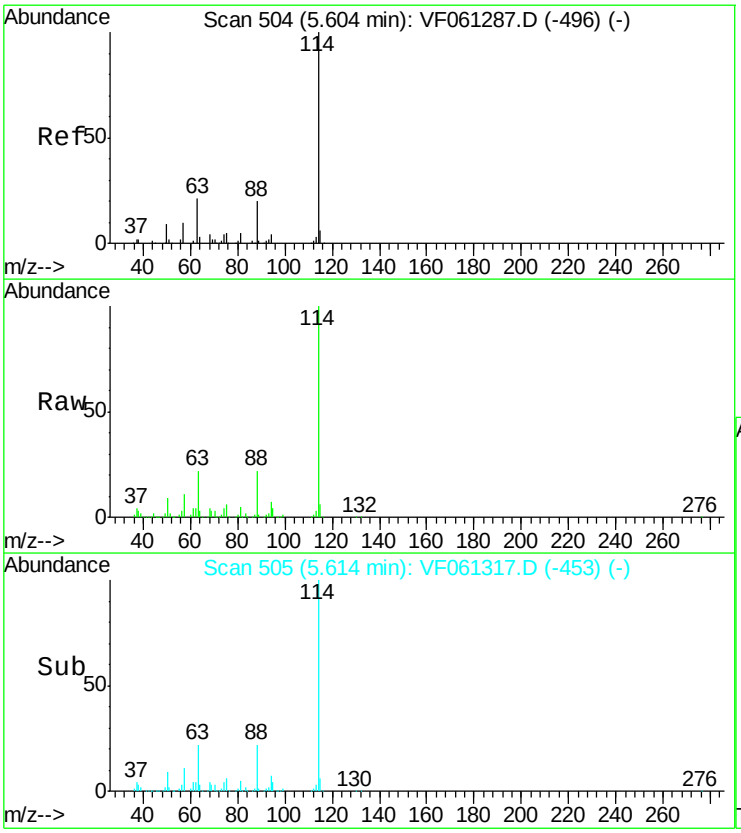
Tgt Ion: 65 Resp: 138805

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	98.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

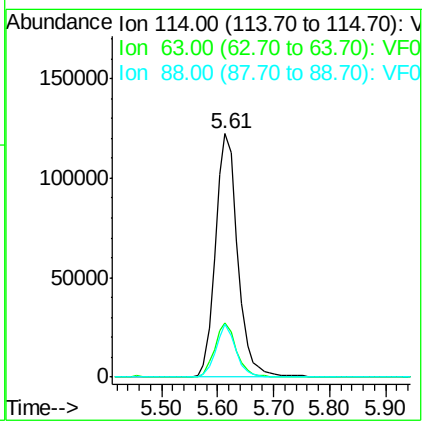
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

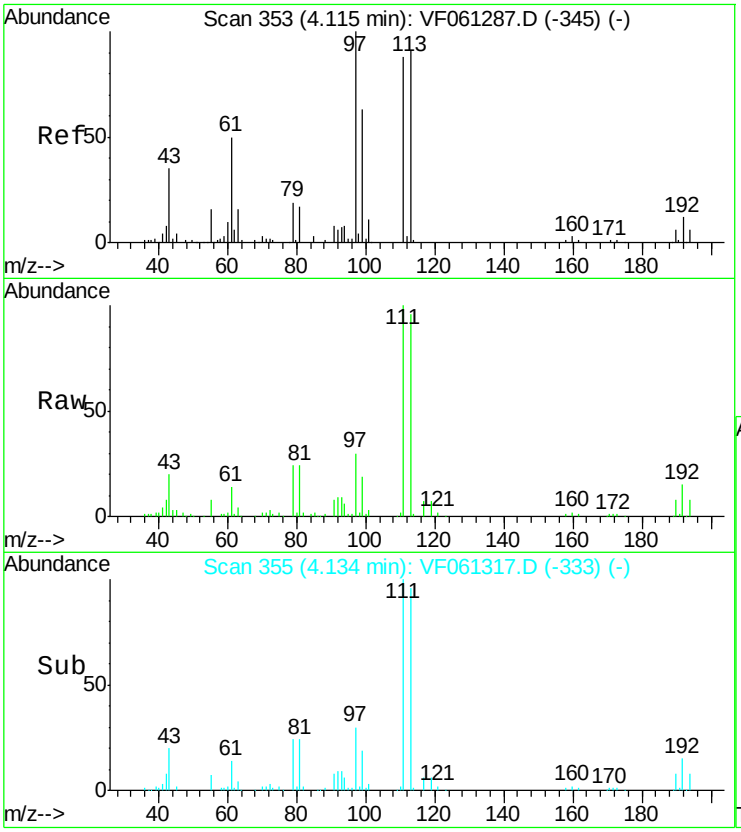


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:114 Resp: 339473

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	42.8
88	21.9	0.0	40.0

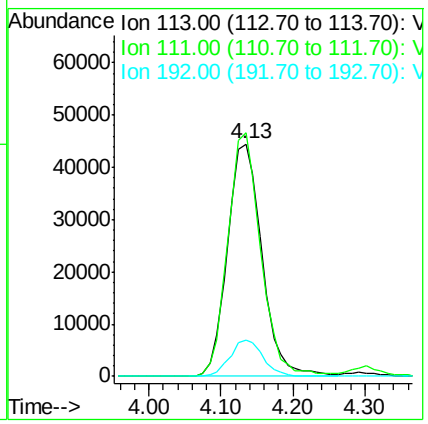




#35
Dibromofluoromethane
Concen: 57.334 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

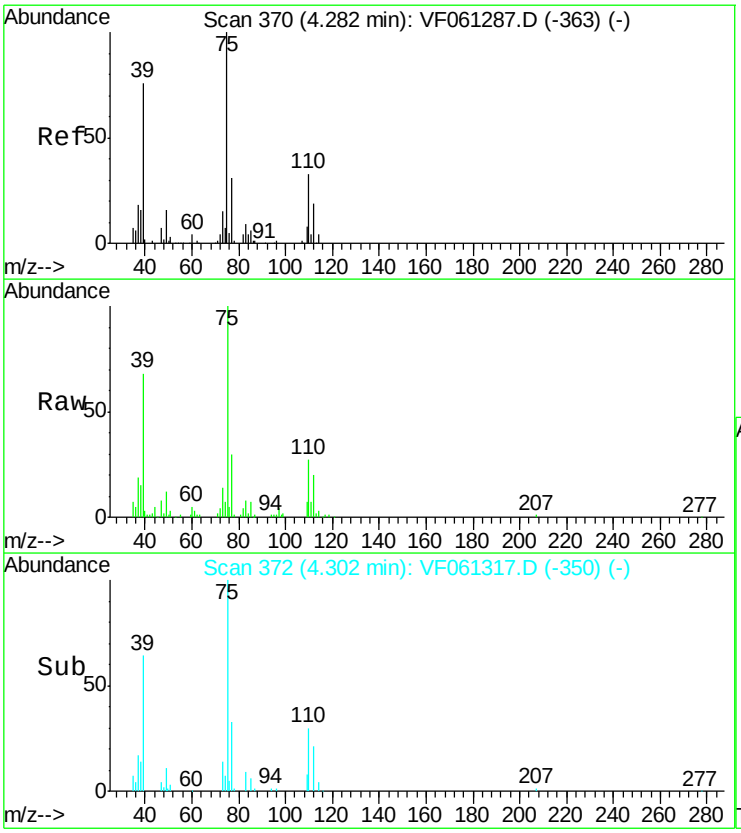
Tgt Ion:113 Resp: 148927

Ion	Ratio	Lower	Upper
113	100		
111	104.7	78.0	117.0
192	16.1	10.6	16.0#



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

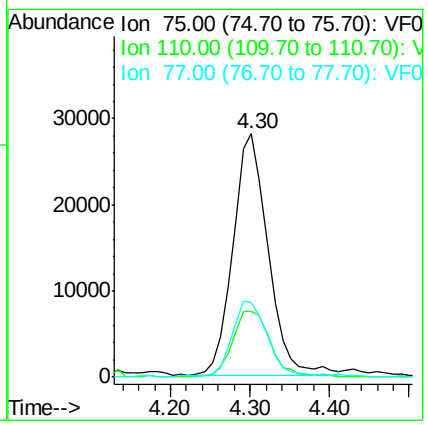
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

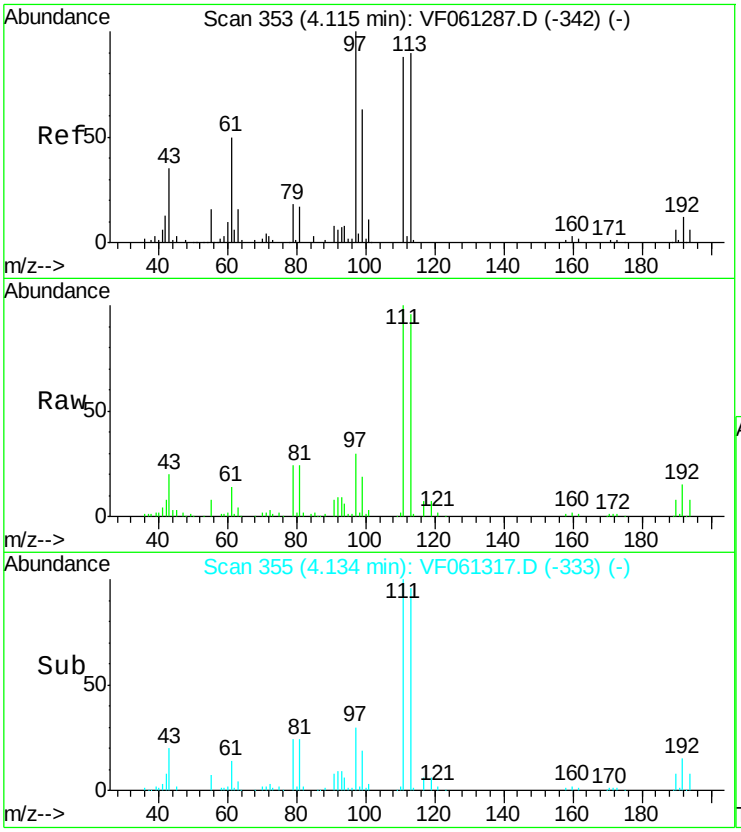


#36
1,1-Dichloropropene
Concen: 21.594 ug/l
RT: 4.30 min Scan# 372
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 75 Resp: 85602

Ion	Ratio	Lower	Upper
75	100		
110	27.2	16.6	49.8
77	30.5	25.1	37.7





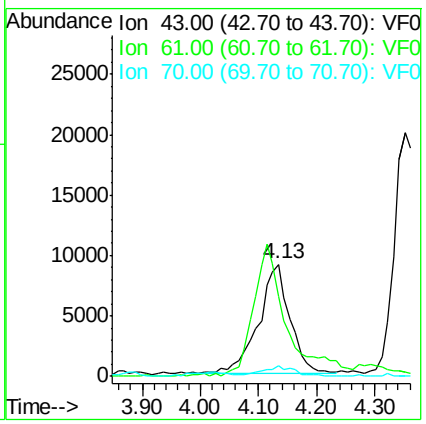
#37
Ethyl Acetate
Concen: 23.953 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

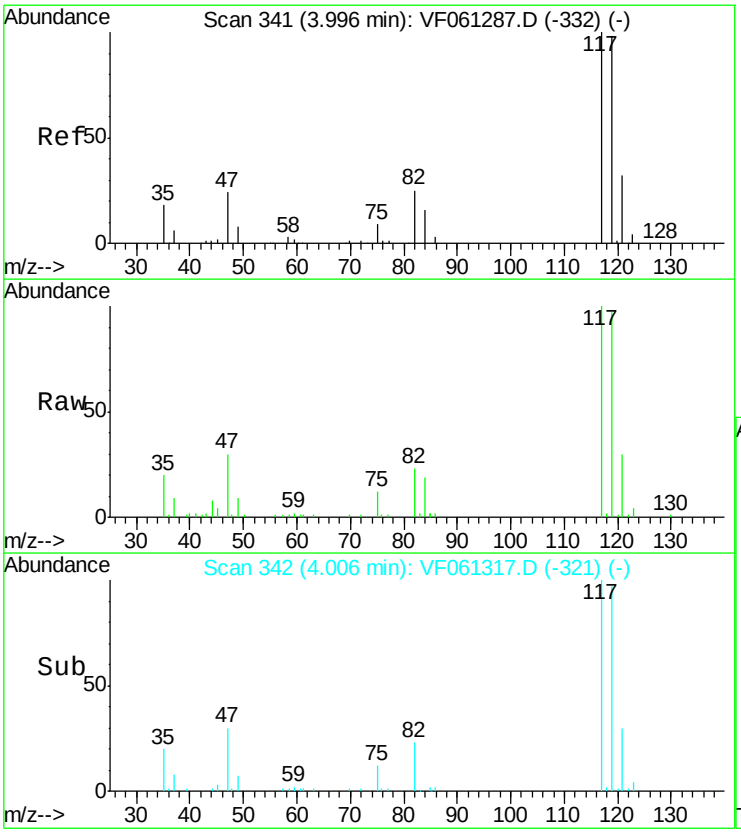
Tgt Ion: 43 Resp: 34579

Ion	Ratio	Lower	Upper
43	100		
61	71.8	113.3	169.9#
70	9.6	9.4	14.0

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

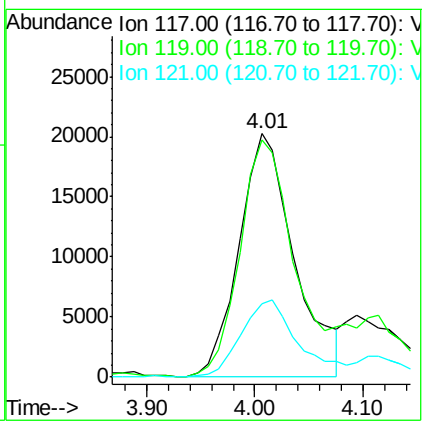


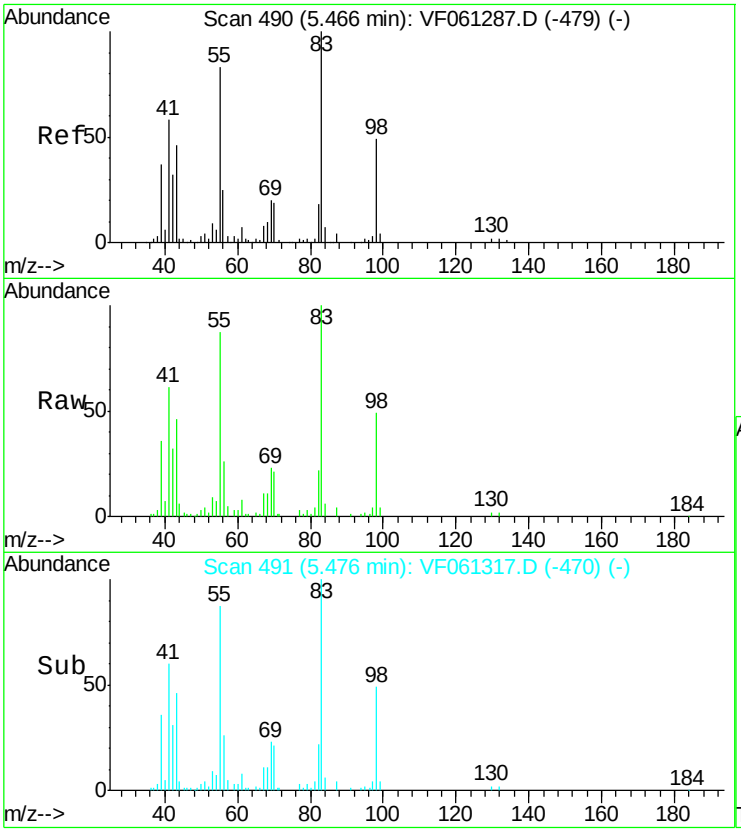


#38
Carbon Tetrachloride
Concen: 19.363 ug/l
RT: 4.01 min Scan# 342
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:117 Resp: 72698

Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.5	117.7
121	30.3	25.3	37.9

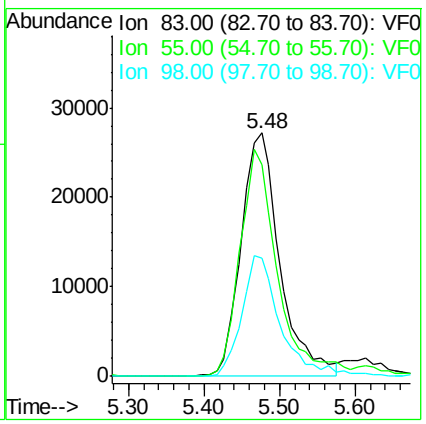




#39
Methylcyclohexane
Concen: 19.643 ug/l
RT: 5.48 min Scan# 491
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

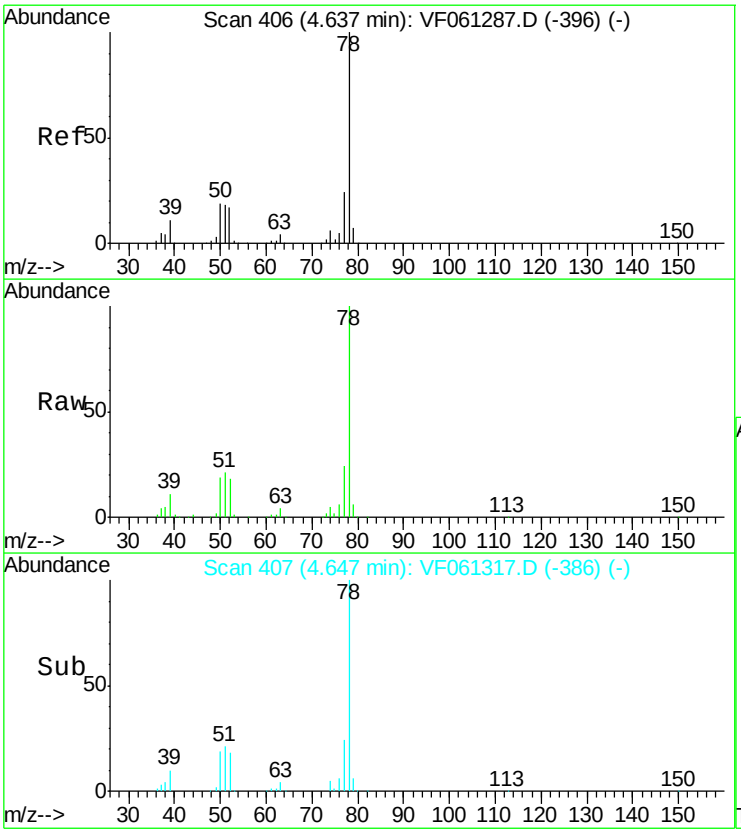
Tgt Ion: 83 Resp: 97434

Ion	Ratio	Lower	Upper
83	100		
55	86.9	66.4	99.6
98	48.7	39.1	58.7



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

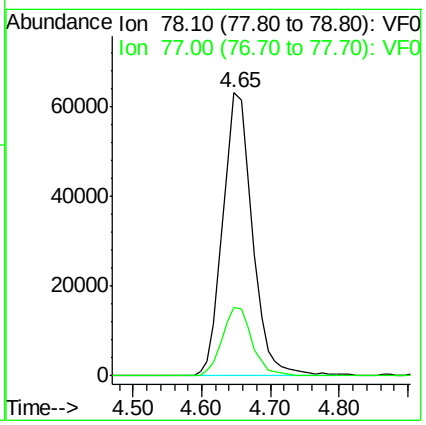
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

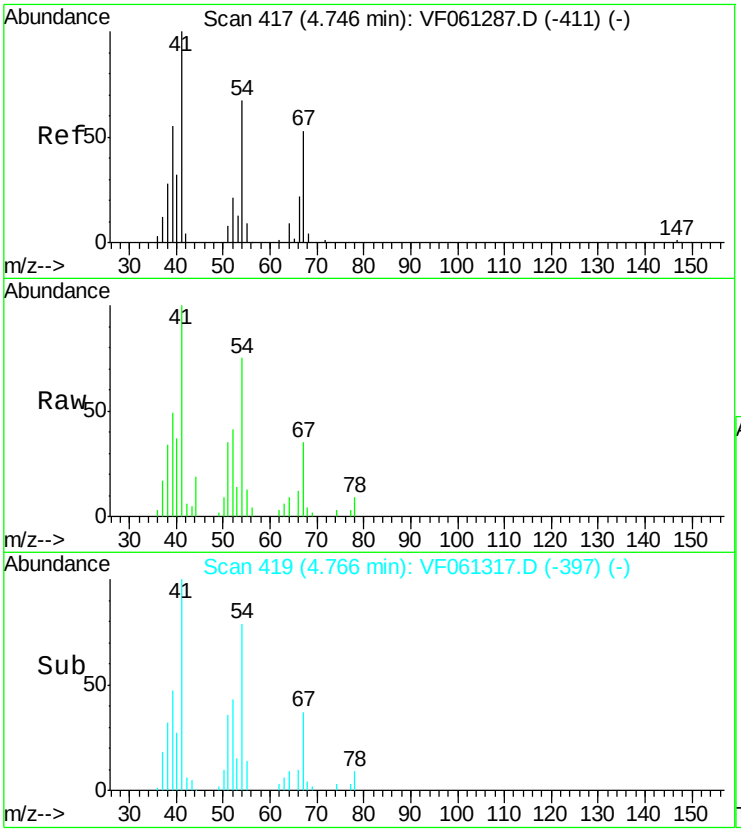


#40
Benzene
Concen: 20.428 ug/l
RT: 4.65 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 78 Resp: 189068

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

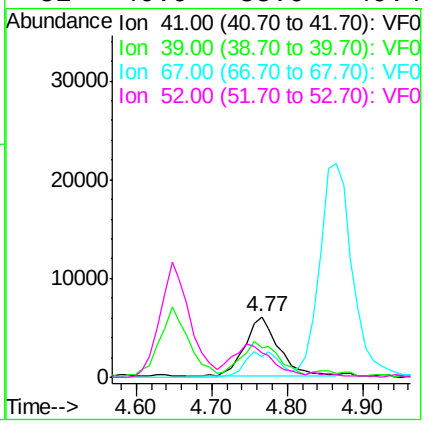




#41
Methacrylonitrile
Concen: 22.967 ug/l
RT: 4.77 min Scan# 419
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

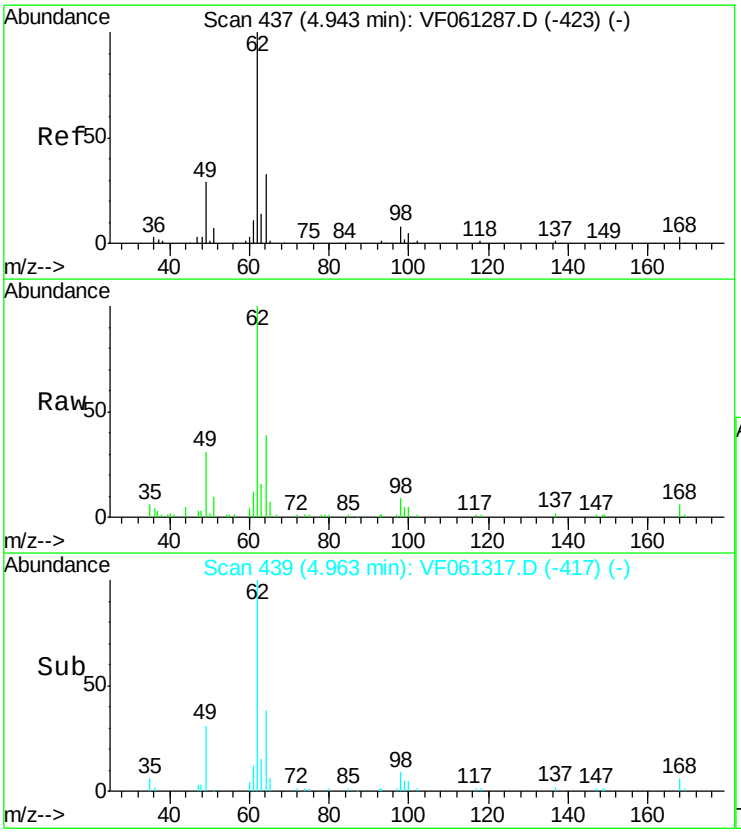
Tgt Ion: 41 Resp: 18515

Ion	Ratio	Lower	Upper
41	100		
39	48.8	52.7	79.1#
67	35.0	41.4	62.2#
52	40.9	33.0	49.4



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

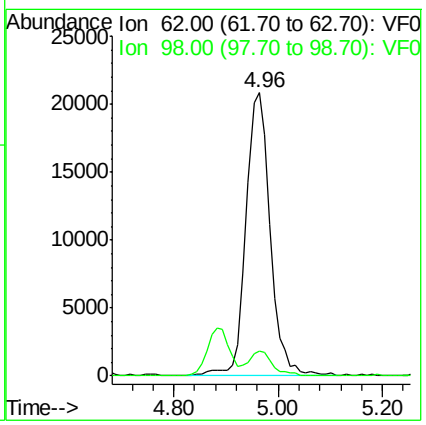
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

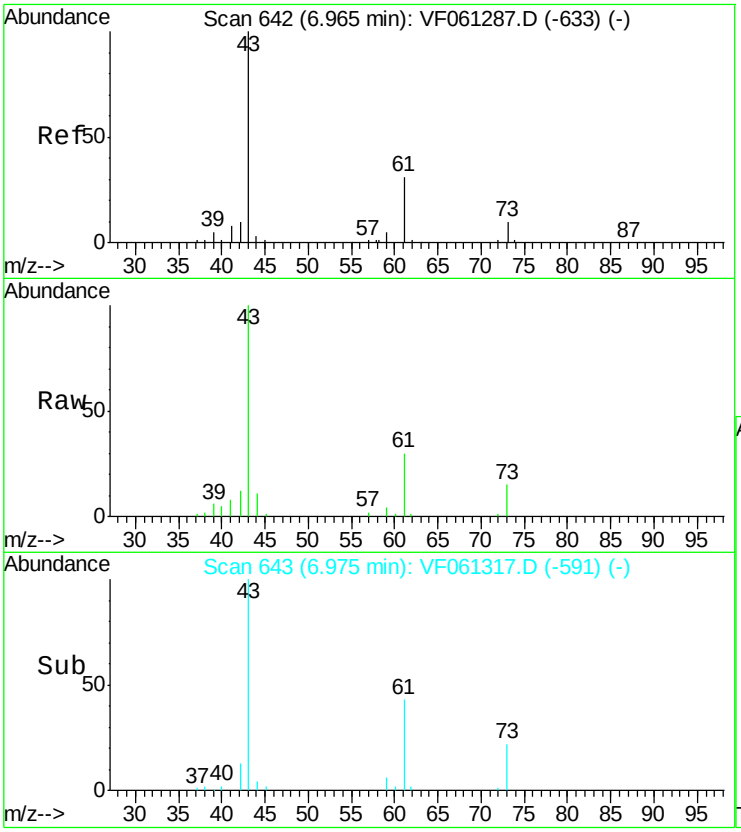


#42
1,2-Dichloroethane
Concen: 22.712 ug/l
RT: 4.96 min Scan# 439
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 62 Resp: 65442

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8

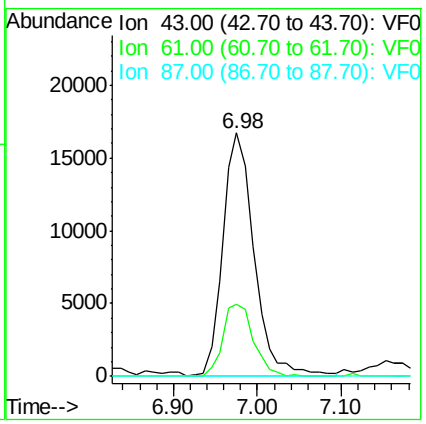




#43
Isopropyl Acetate
Concen: 22.781 ug/l
RT: 6.98 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

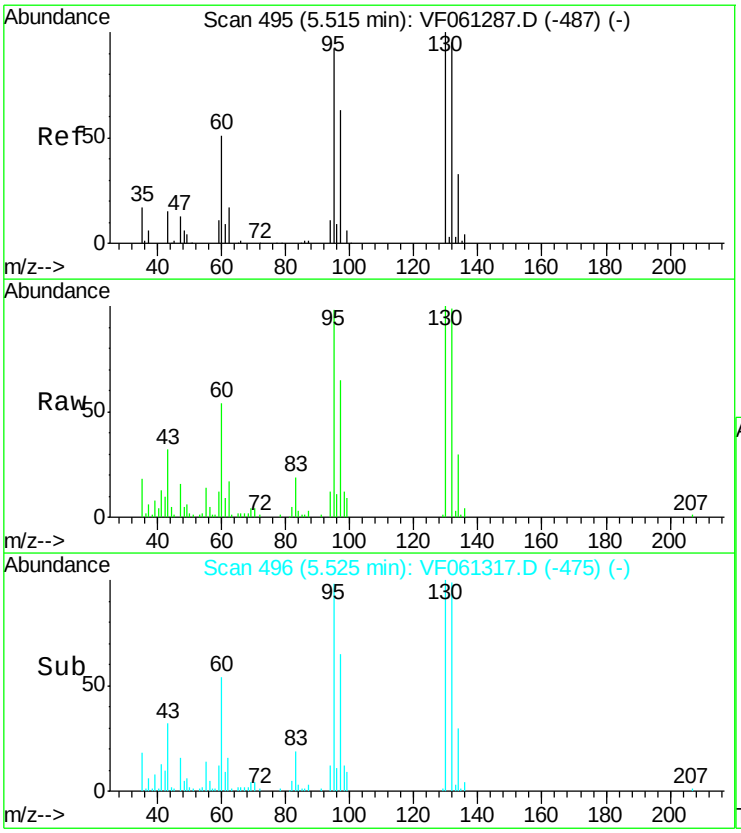
Tgt Ion: 43 Resp: 43419

Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.3	36.5
87	0.0	0.2	0.4#



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

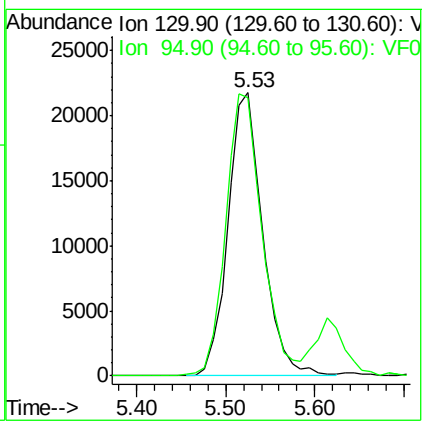
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

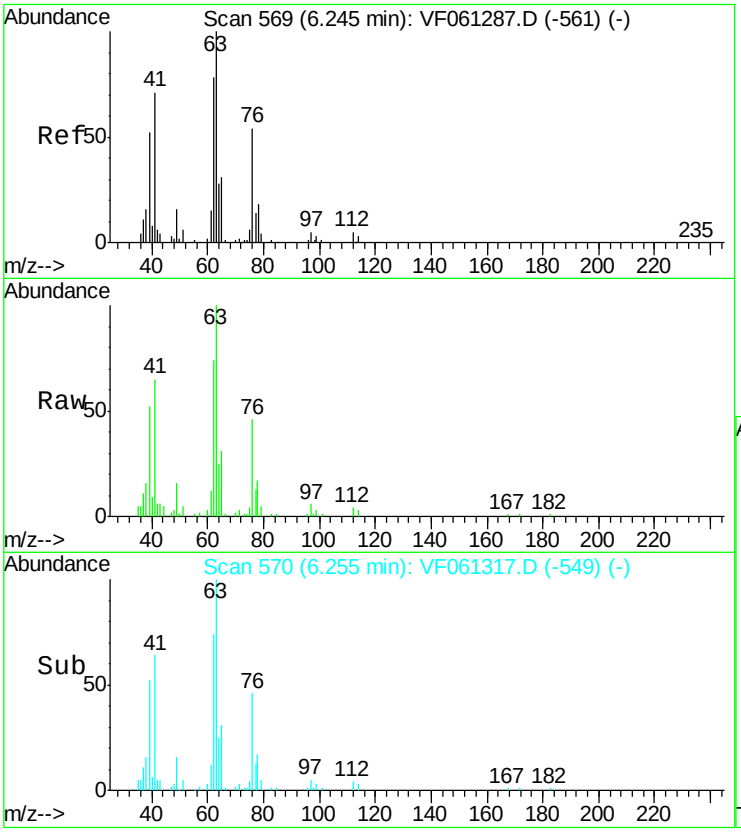


#44
Trichloroethene
Concen: 21.894 ug/l
RT: 5.53 min Scan# 496
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:130 Resp: 59301

Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	184.4

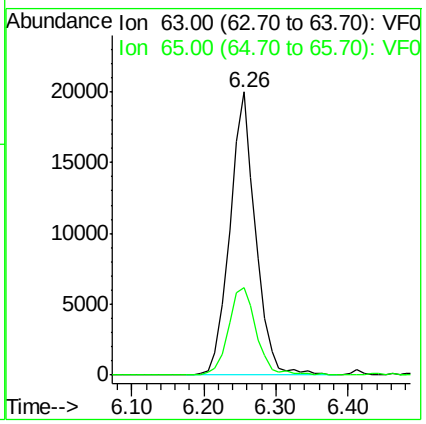




#45
1,2-Dichloropropane
Concen: 20.945 ug/l
RT: 6.26 min Scan# 570
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

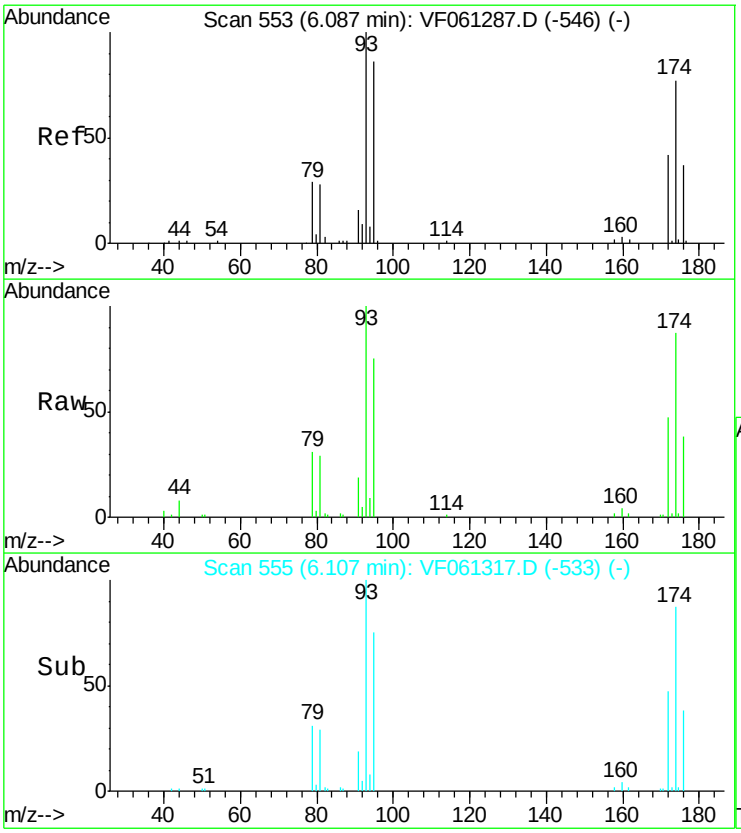
Tgt Ion: 63 Resp: 49295

Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.1	37.7



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

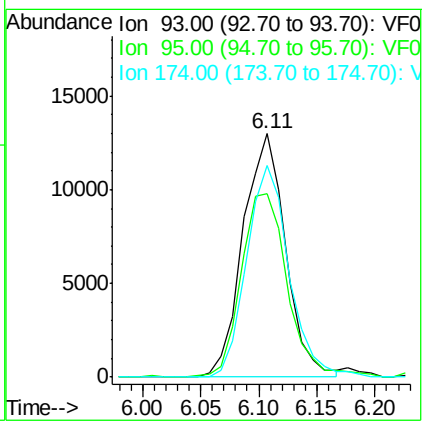
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

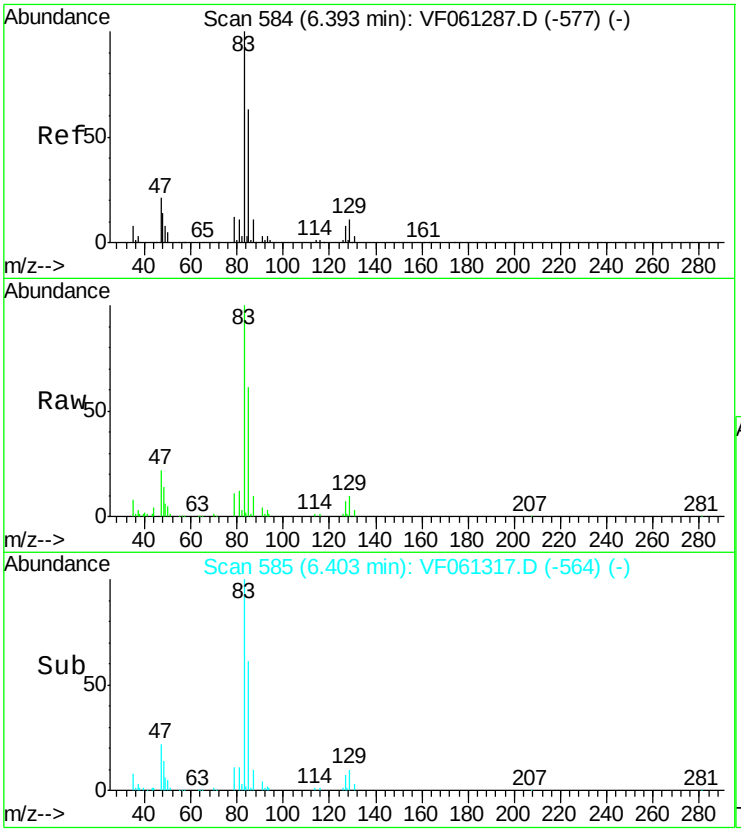


#46
Dibromomethane
Concen: 22.699 ug/l
RT: 6.11 min Scan# 555
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 93 Resp: 32801

Ion	Ratio	Lower	Upper
93	100		
95	75.4	68.8	103.2
174	88.7	62.9	94.3

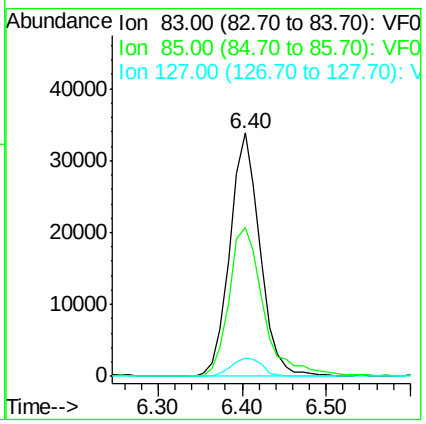




#47
Bromodichloromethane
Concen: 23.404 ug/l
RT: 6.40 min Scan# 585
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

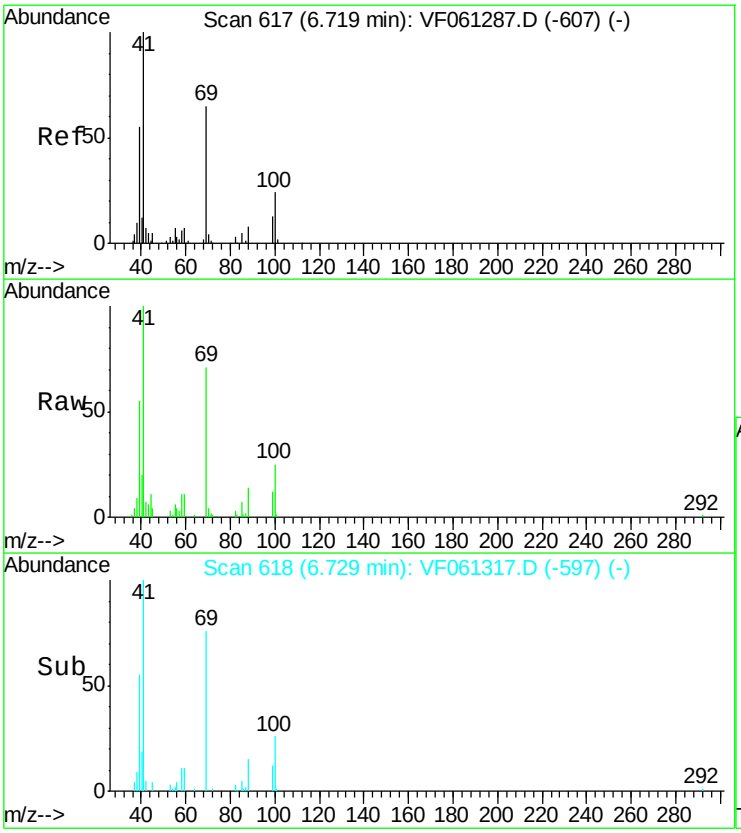
Tgt Ion: 83 Resp: 84113

Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.4	75.6
127	7.5	6.4	9.6



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

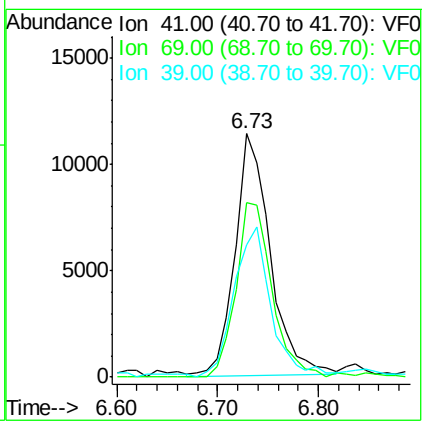
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

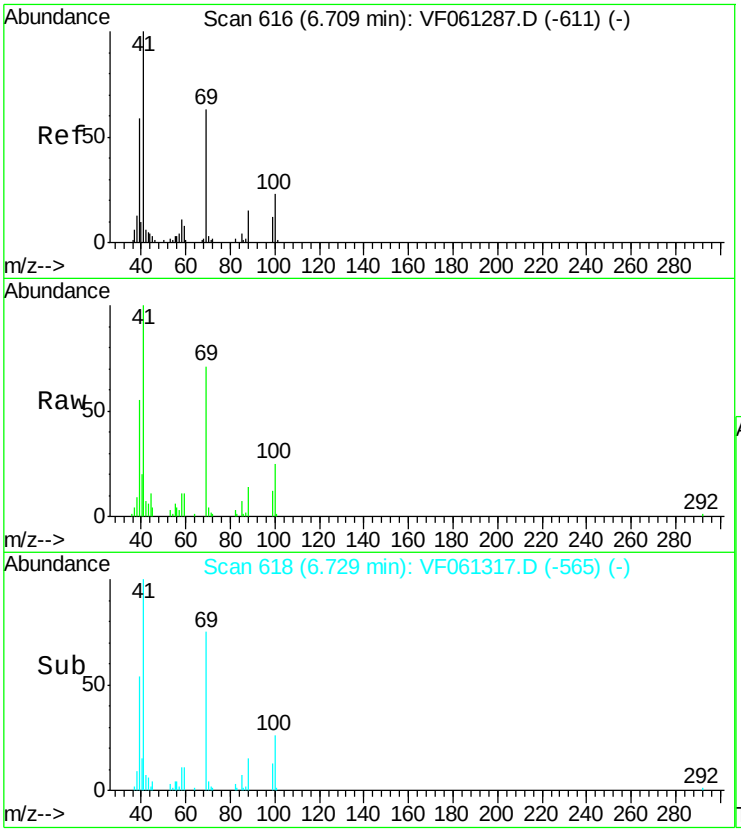


#48
Methyl methacrylate
Concen: 22.589 ug/l
RT: 6.73 min Scan# 618
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 41 Resp: 27945

Ion	Ratio	Lower	Upper
41	100		
69	71.5	51.5	77.3
39	54.5	44.1	66.1

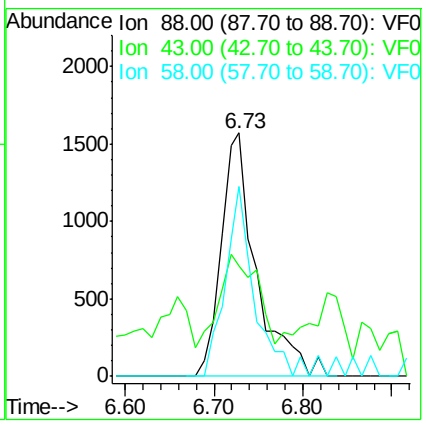




#49
1,4-Dioxane
Concen: 555.978 ug/l
RT: 6.73 min Scan# 618
Delta R.T. 0.02 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

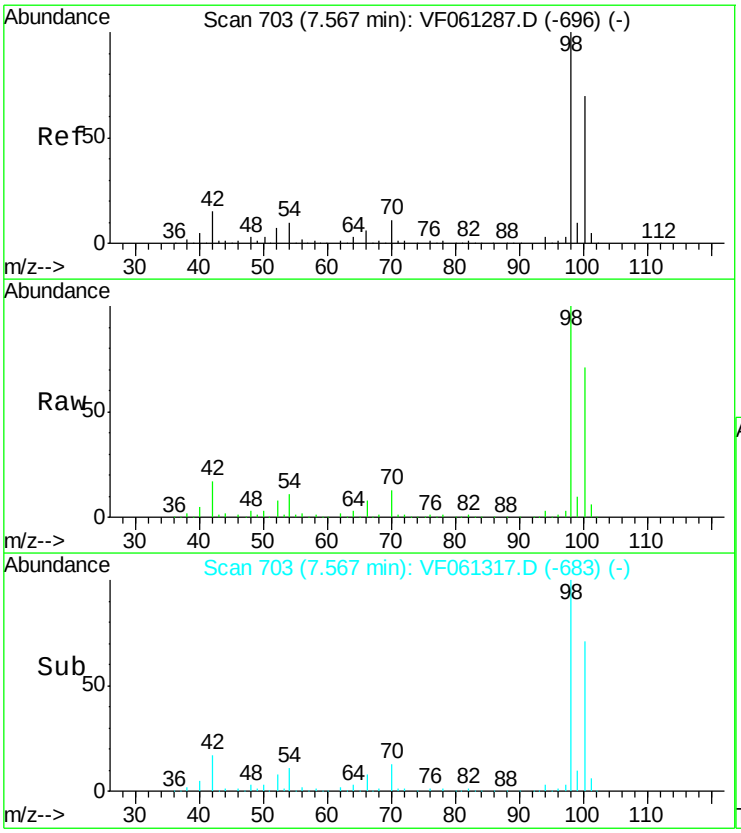
Tgt Ion: 88 Resp: 4340

Ion	Ratio	Lower	Upper
88	100		
43	45.5	38.5	57.7
58	77.9	57.0	85.4



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

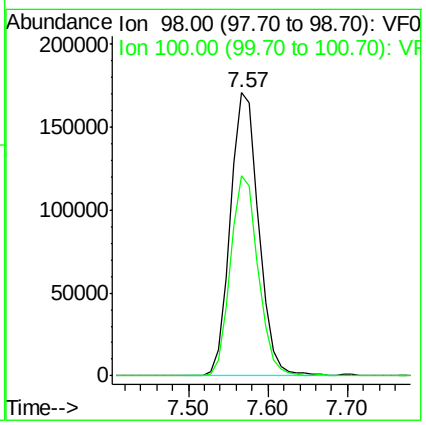
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

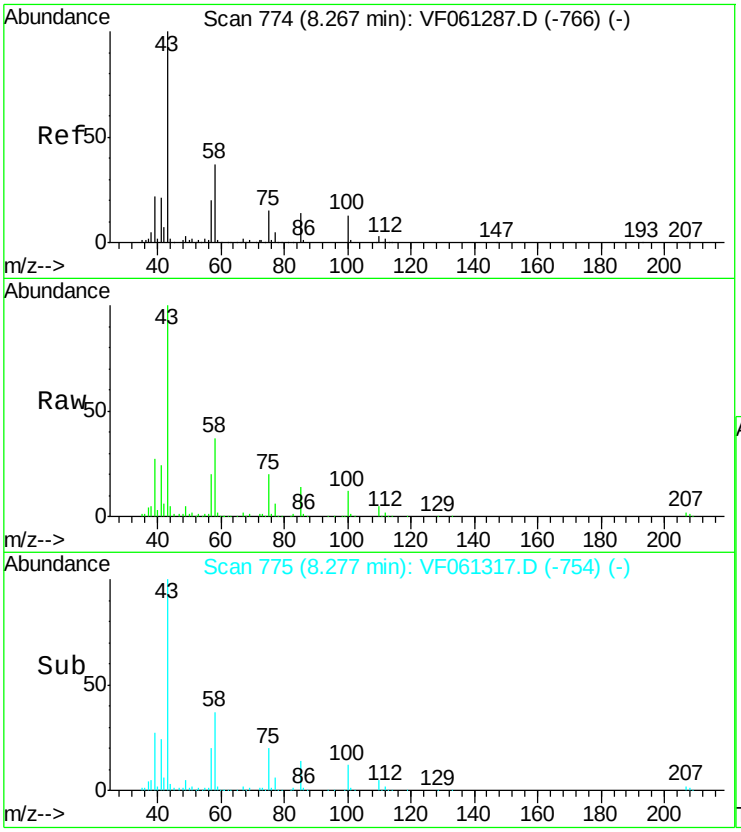


#50
Toluene-d8
Concen: 55.313 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 98 Resp: 425175

Ion	Ratio	Lower	Upper
98	100		
100	70.6	55.6	83.4

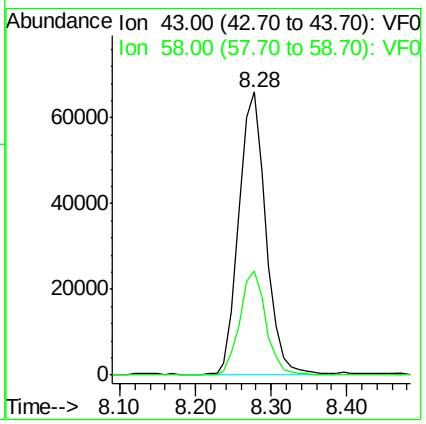




#51
4-Methyl-2-Pentanone
Concen: 114.285 ug/l
RT: 8.28 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

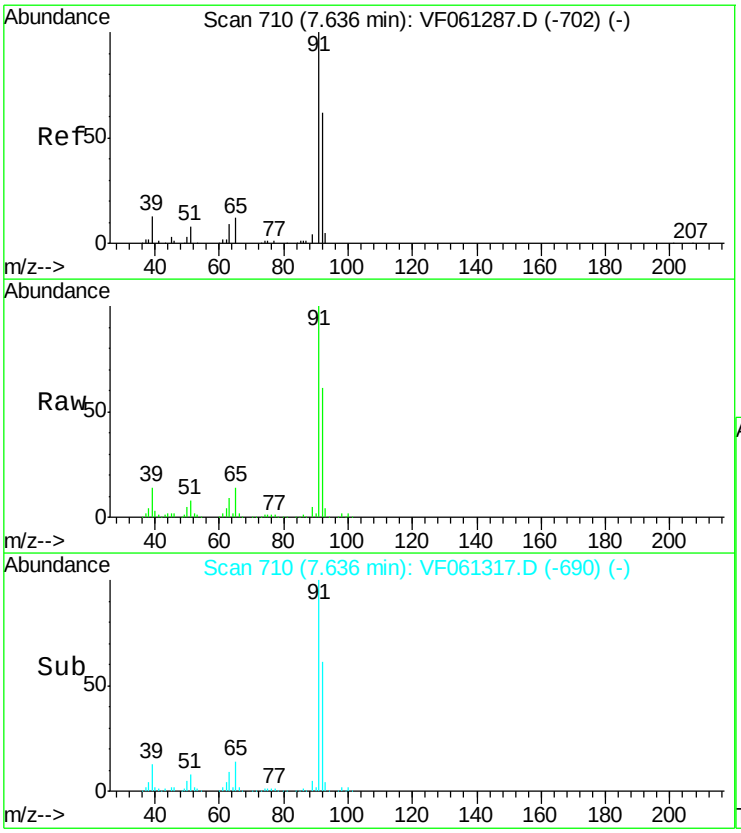
Tgt Ion: 43 Resp: 164409

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.6	44.4



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

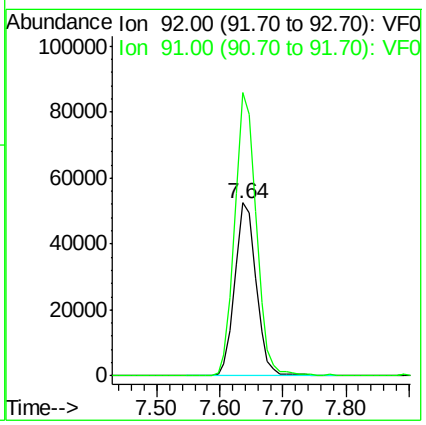
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

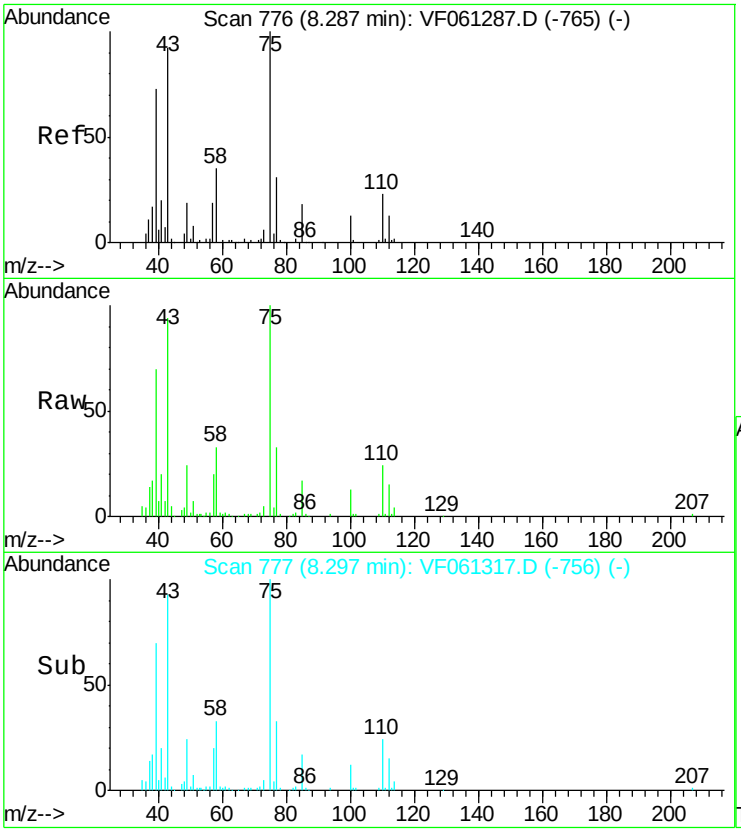


#52
Toluene
Concen: 20.628 ug/l
RT: 7.64 min Scan# 710
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 92 Resp: 122710

Ion	Ratio	Lower	Upper
92	100		
91	163.5	129.2	193.8

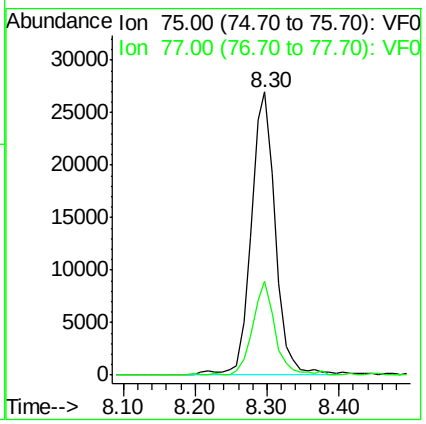




#53
t-1,3-Dichloropropene
Concen: 22.321 ug/l
RT: 8.30 min Scan# 777
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

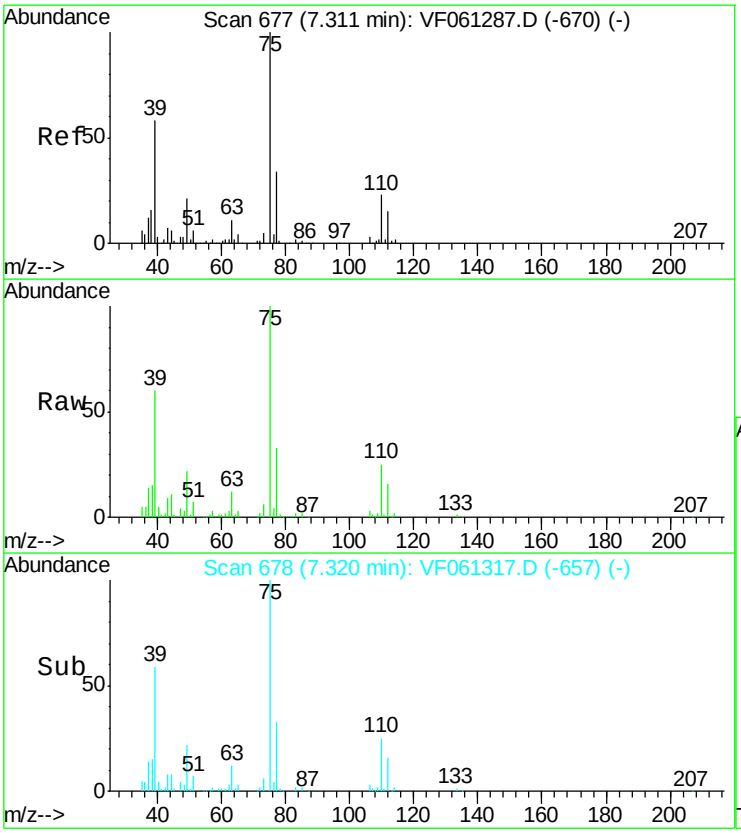
Tgt Ion: 75 Resp: 62999

Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.7	37.1



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

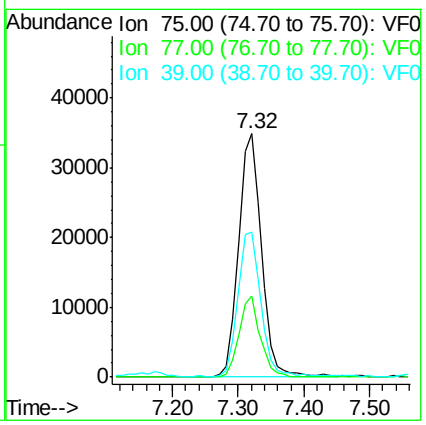
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

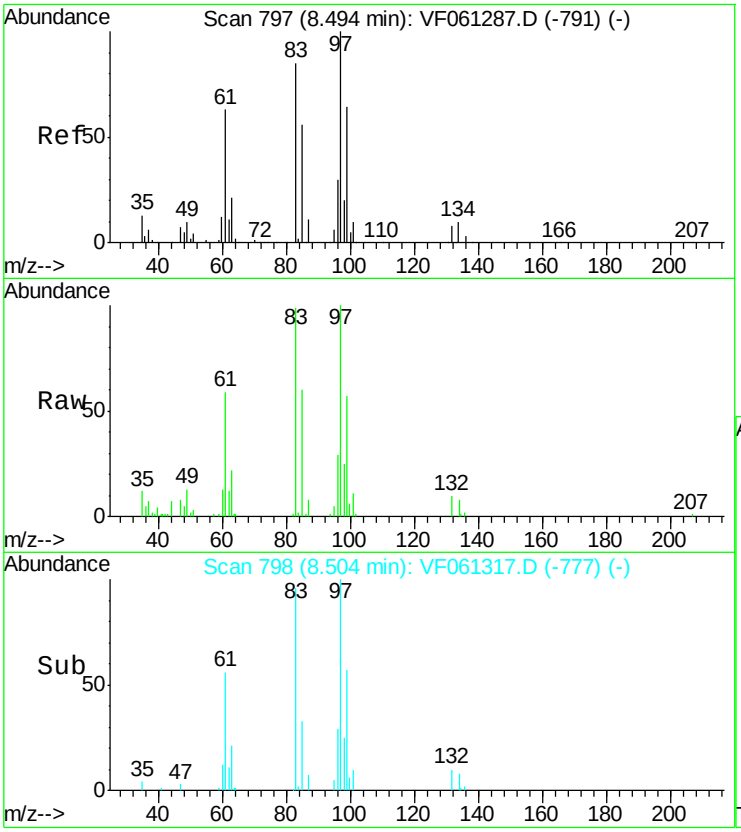


#54
cis-1,3-Dichloropropene
Concen: 22.867 ug/l
RT: 7.32 min Scan# 678
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 75 Resp: 85572

Ion	Ratio	Lower	Upper
75	100		
77	33.1	27.3	40.9
39	59.8	46.3	69.5

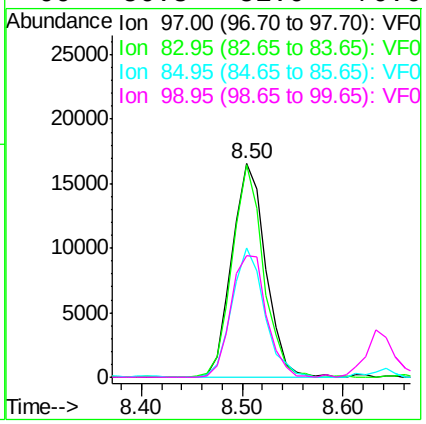




#55
1,1,2-Trichloroethane
Concen: 23.203 ug/l
RT: 8.50 min Scan# 798
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

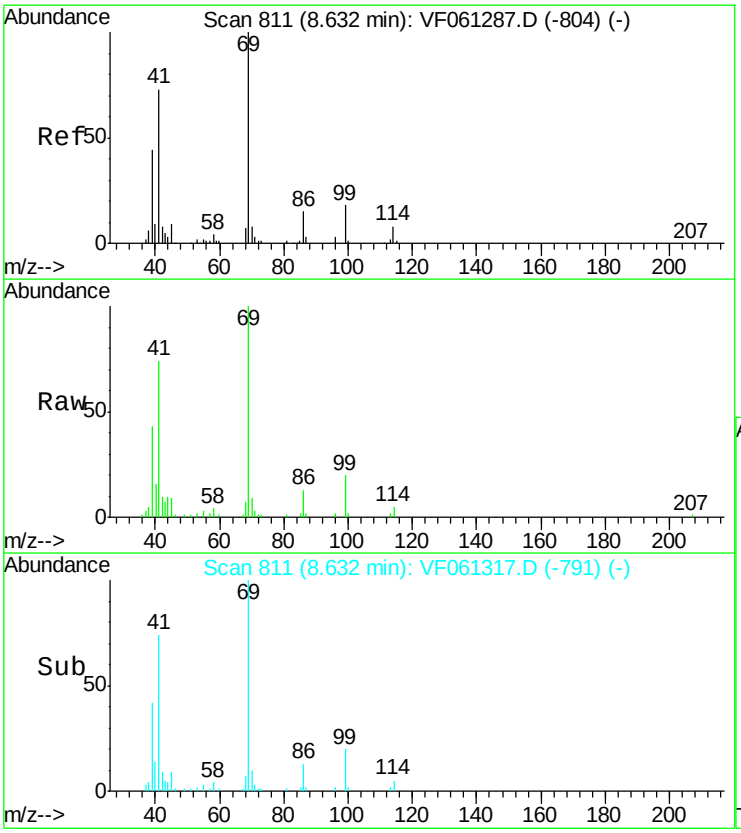
Tgt Ion: 97 Resp: 38625

Ion	Ratio	Lower	Upper
97	100		
83	99.3	67.8	101.6
85	60.5	45.1	67.7
99	56.8	51.0	76.6



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

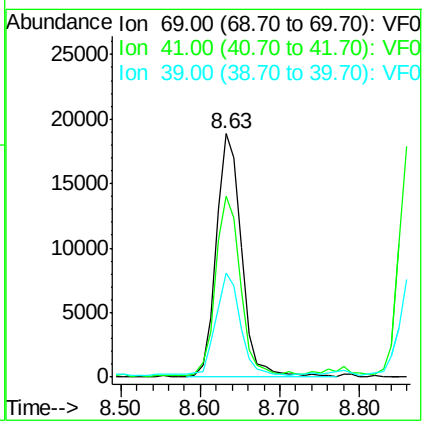
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

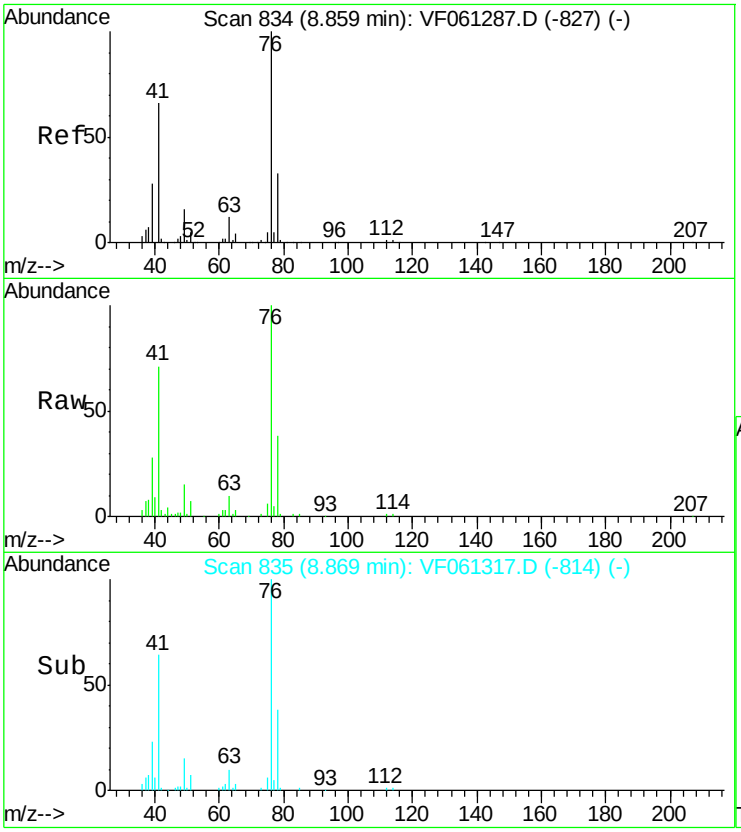


#56
Ethyl methacrylate
Concen: 22.839 ug/l
RT: 8.63 min Scan# 811
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 69 Resp: 42491

Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.0	88.4
39	42.8	35.3	52.9

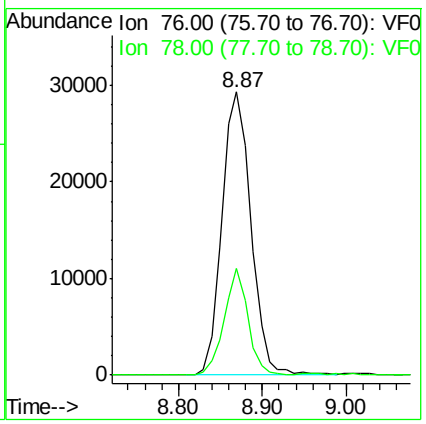




#57
1,3-Dichloropropane
Concen: 23.767 ug/l
RT: 8.87 min Scan# 835
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

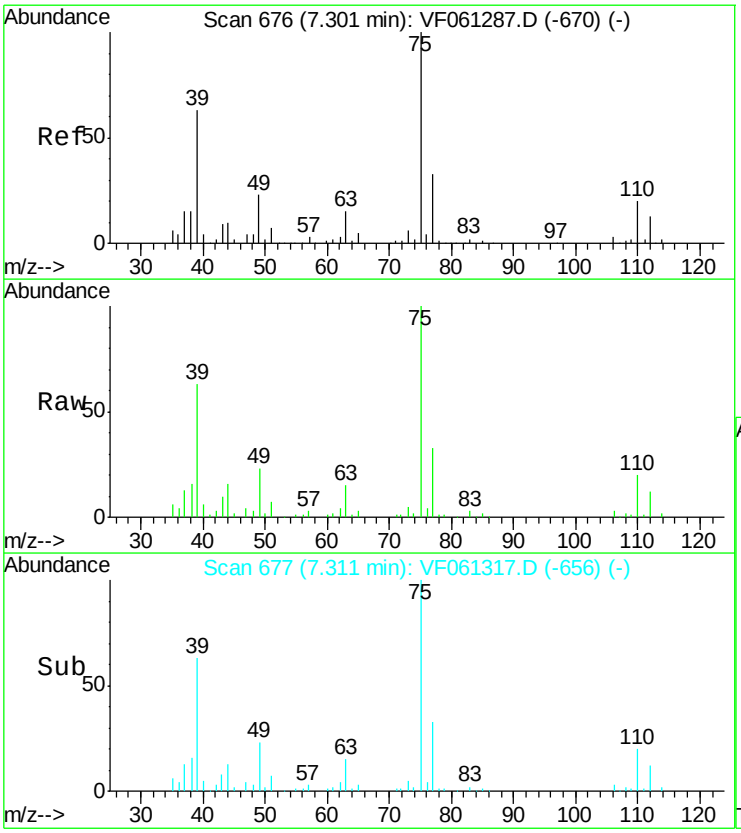
Tgt Ion: 76 Resp: 70018

Ion	Ratio	Lower	Upper
76	100		
78	37.7	26.8	40.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

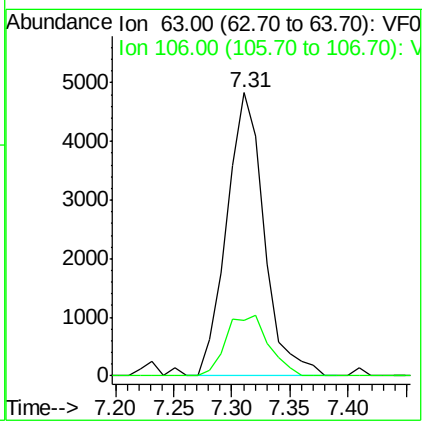
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

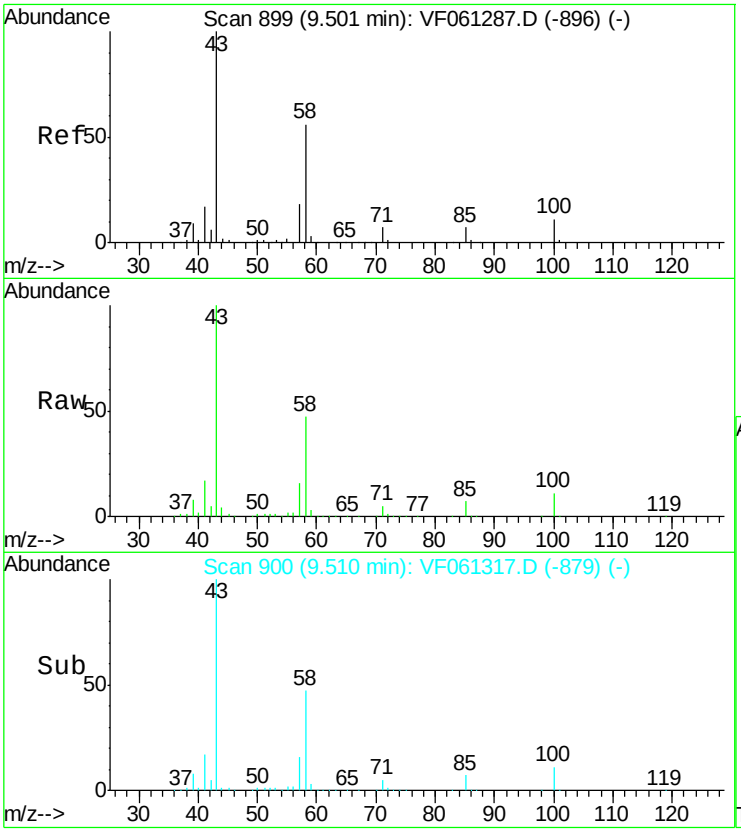


#58
2-Chloroethyl Vinyl ether
Concen: 135.539 ug/l
RT: 7.31 min Scan# 677
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 63 Resp: 10746

Ion	Ratio	Lower	Upper
63	100		
106	19.8	16.5	24.7

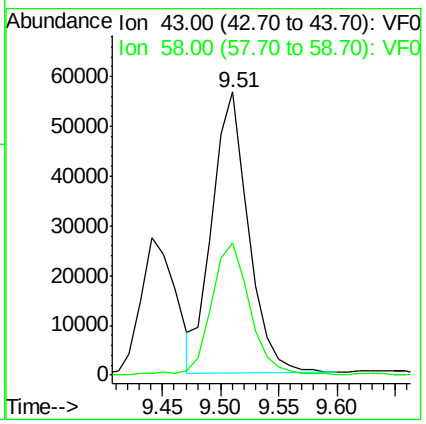




#59
2-Hexanone
Concen: 120.000 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

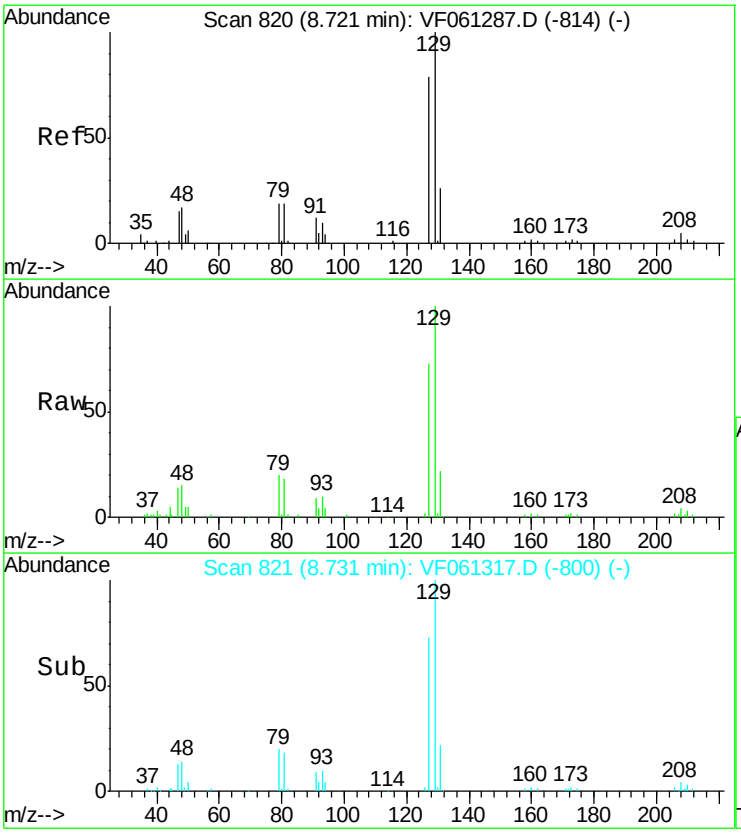
Tgt Ion: 43 Resp: 122300

Ion	Ratio	Lower	Upper
43	100		
58	47.0	25.6	76.8



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

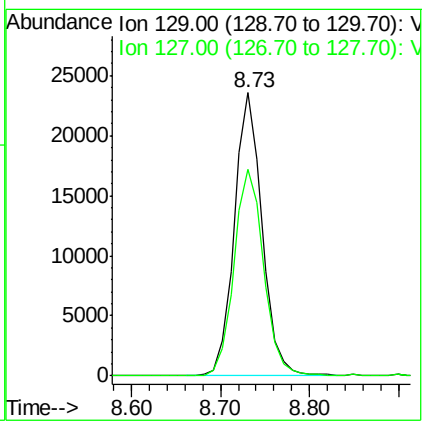
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

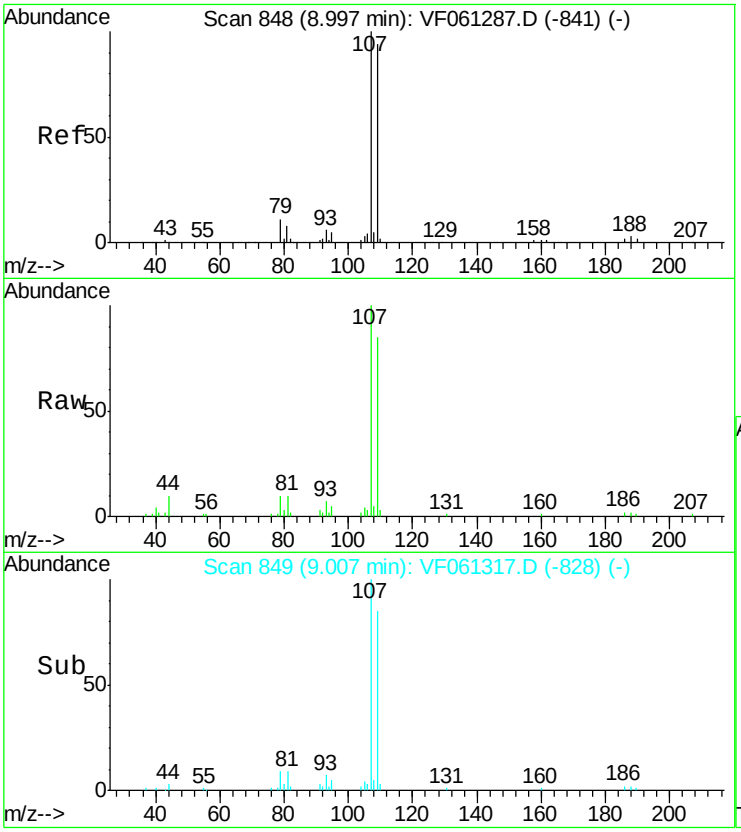


#60
Dibromochloromethane
Concen: 23.068 ug/l
RT: 8.73 min Scan# 821
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:129 Resp: 51132

Ion	Ratio	Lower	Upper
129	100		
127	72.8	39.4	118.1





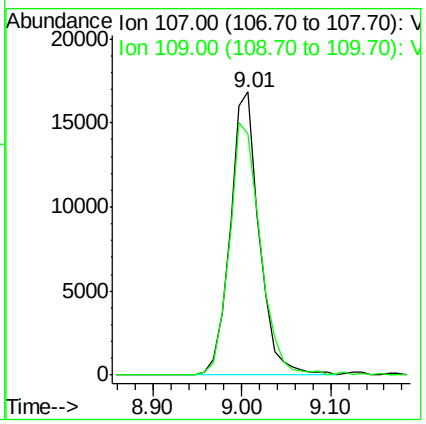
#61
1,2-Dibromoethane
Concen: 22.540 ug/l
RT: 9.01 min Scan# 849
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

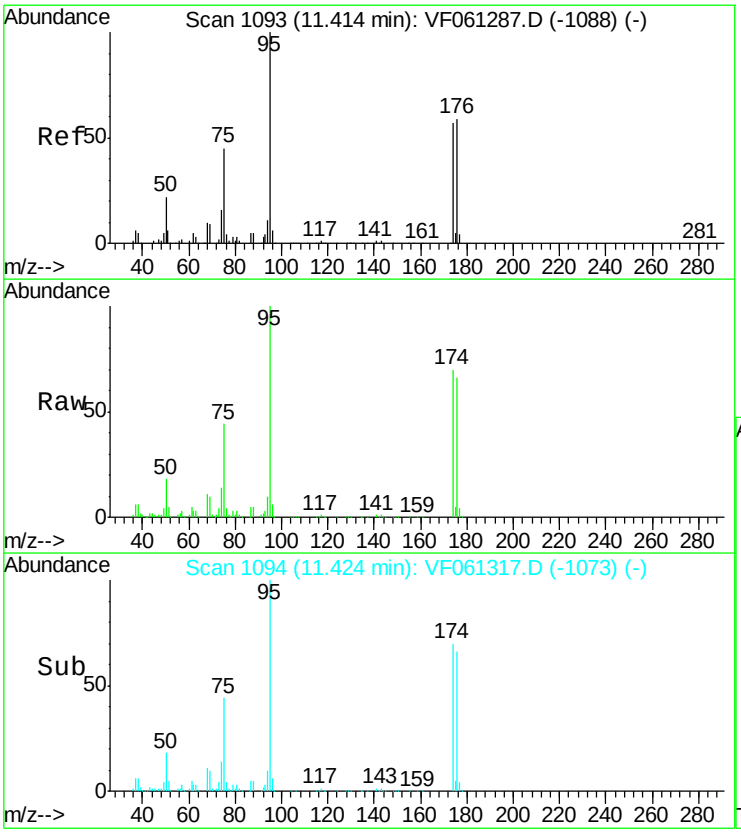
Tgt Ion:107 Resp: 38247

Ion	Ratio	Lower	Upper
107	100		
109	85.4	75.1	112.7

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

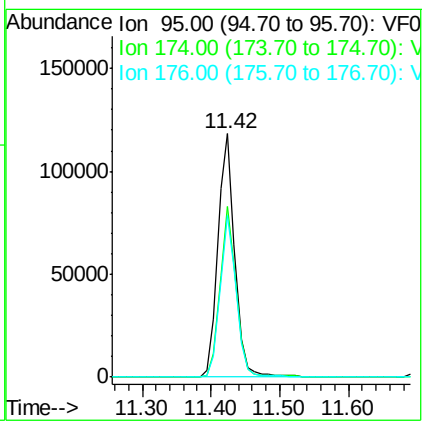


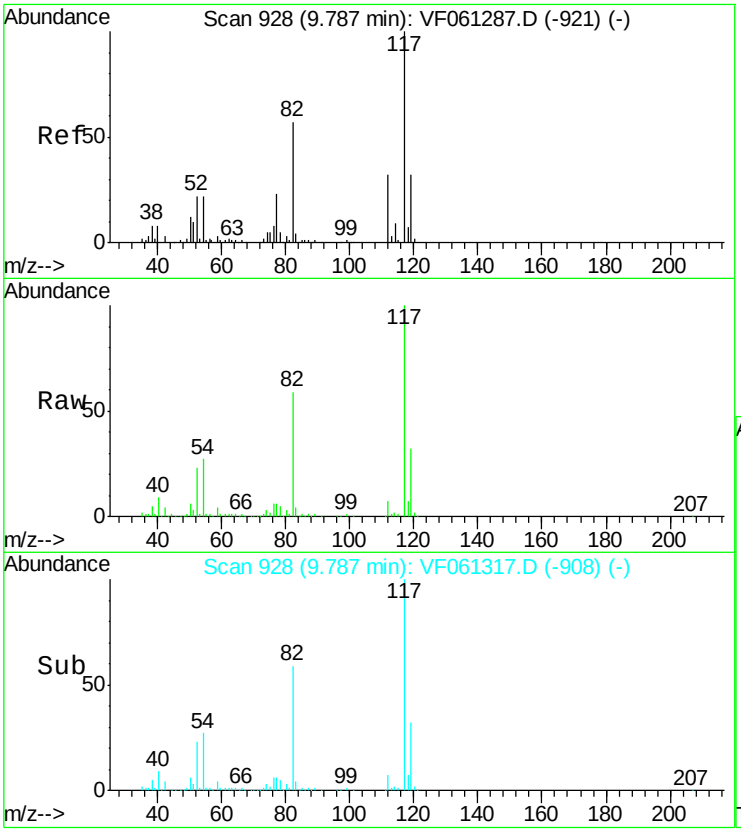


#62
4-Bromofluorobenzene
Concen: 59.664 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 95 Resp: 200260

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	114.2
176	66.5	0.0	117.8

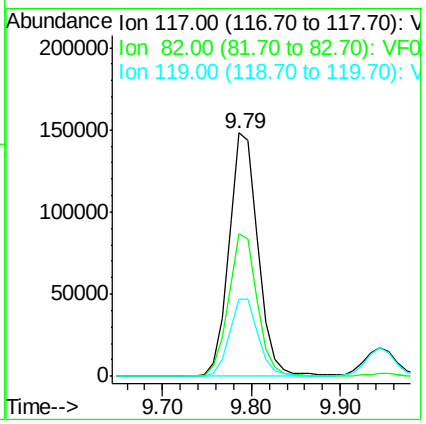




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

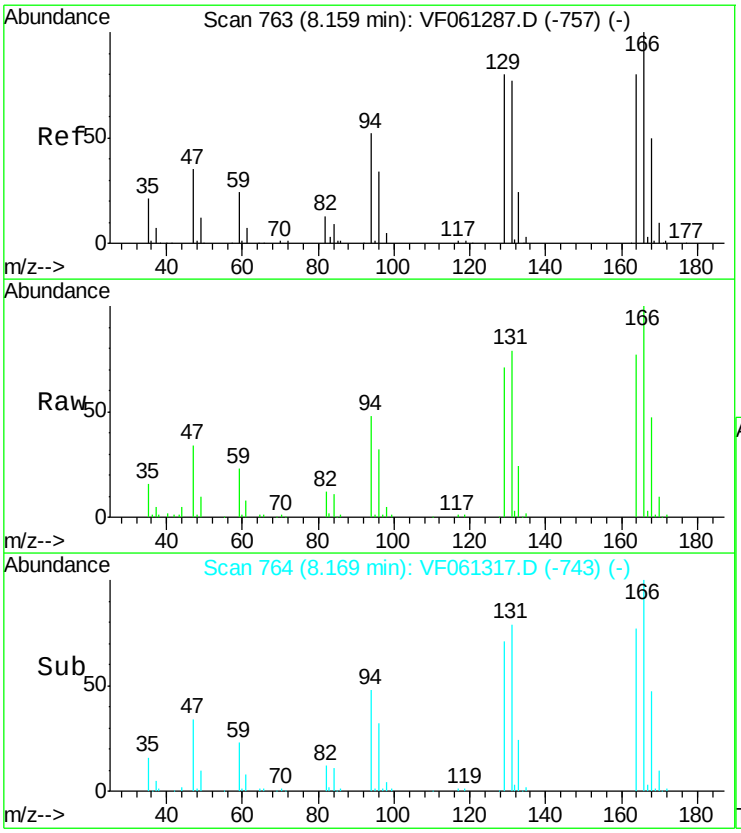
Tgt Ion:117 Resp: 339350

Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.3	67.9
119	32.0	25.4	38.0



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

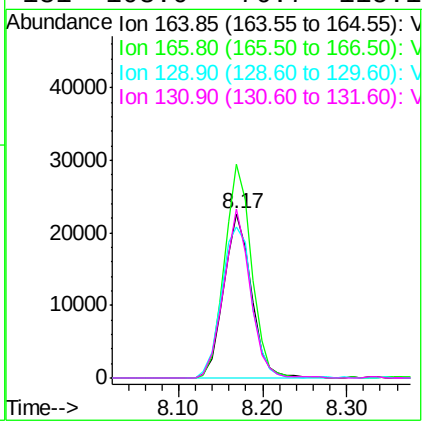
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

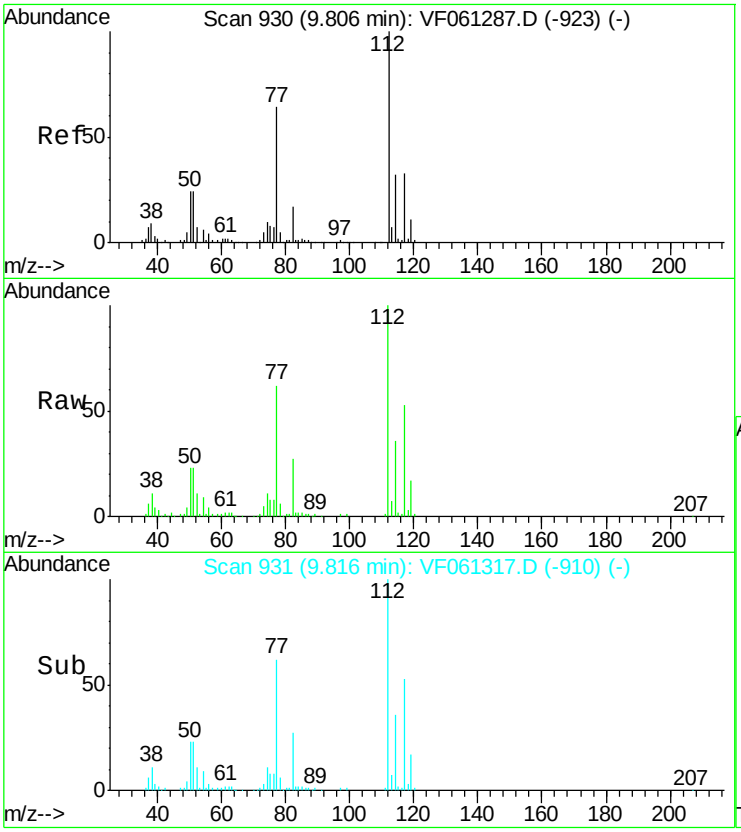


#64
Tetrachloroethene
Concen: 20.822 ug/l
RT: 8.17 min Scan# 764
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:164 Resp: 51445

Ion	Ratio	Lower	Upper
164	100		
166	130.3	100.1	150.1
129	91.9	80.1	120.1
131	103.0	76.7	115.1

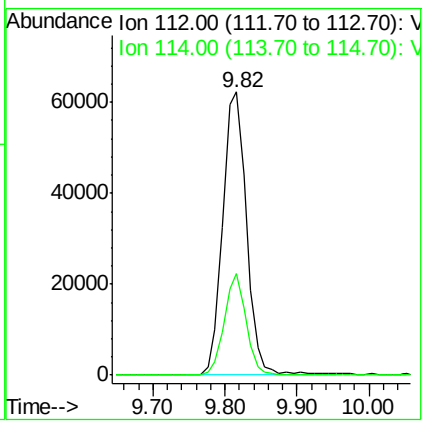




#65
Chlorobenzene
Concen: 20.908 ug/l
RT: 9.82 min Scan# 931
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

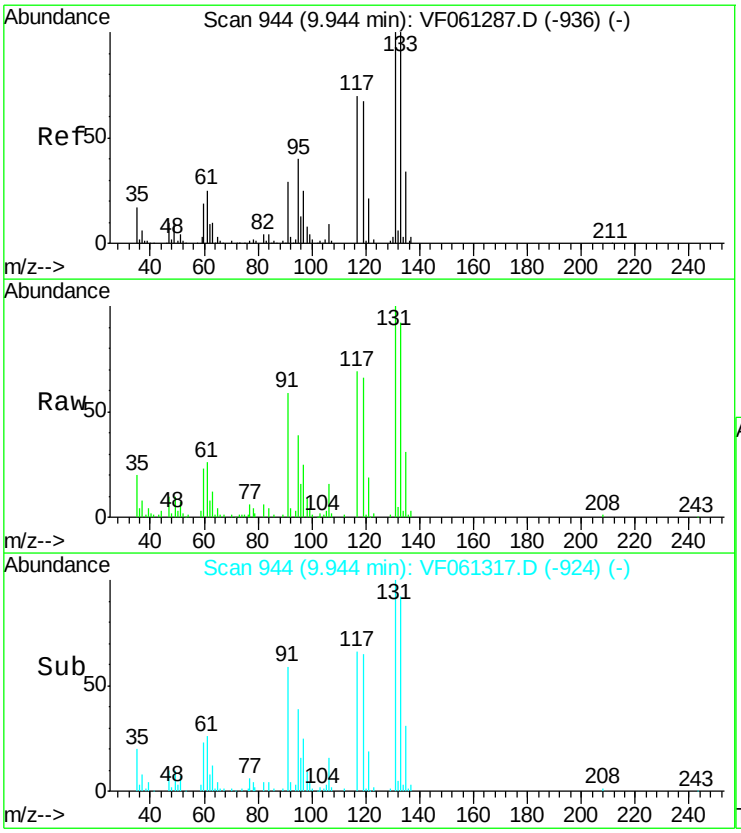
Tgt Ion:112 Resp: 143277

Ion	Ratio	Lower	Upper
112	100		
114	35.8	25.8	38.8



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

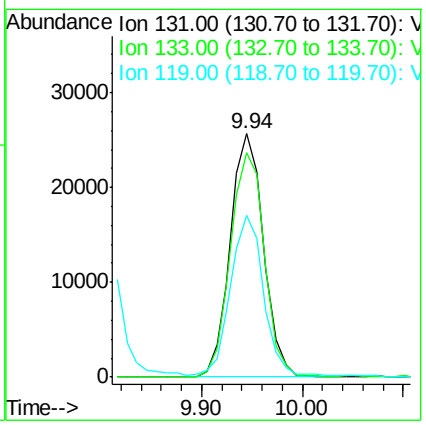
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

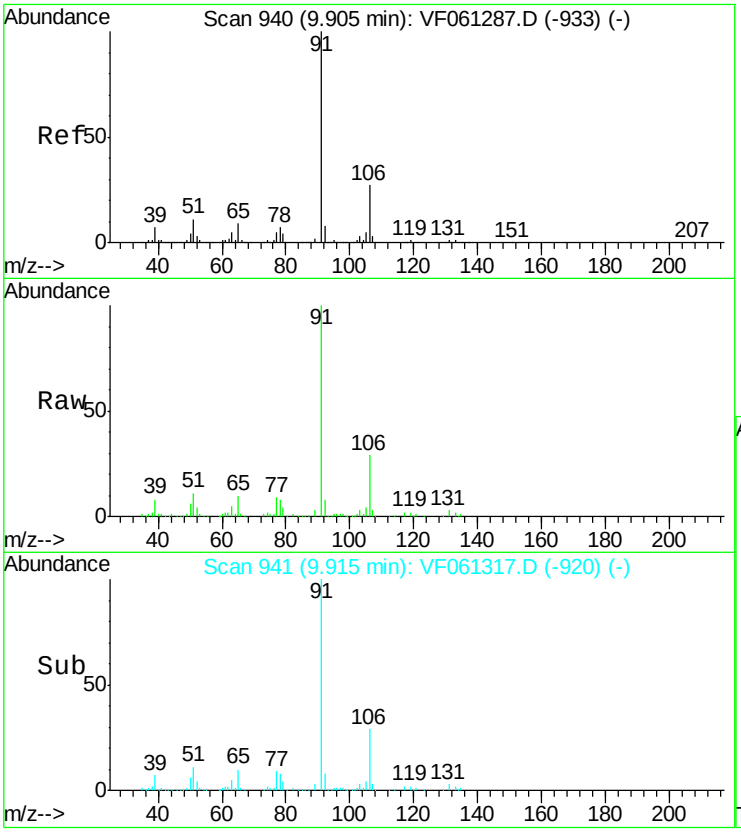


#66
1,1,1,2-Tetrachloroethane
Concen: 21.072 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:131 Resp: 58922

Ion	Ratio	Lower	Upper
131	100		
133	92.4	49.9	149.6
119	66.3	33.9	101.6

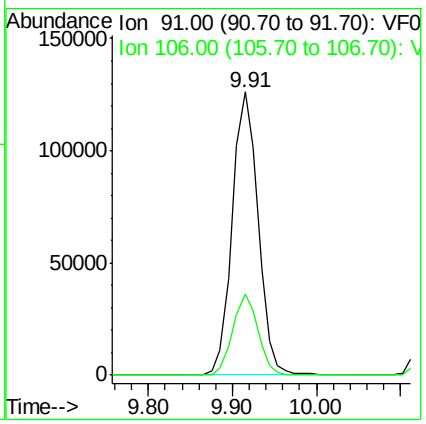




#67
Ethyl Benzene
Concen: 20.526 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

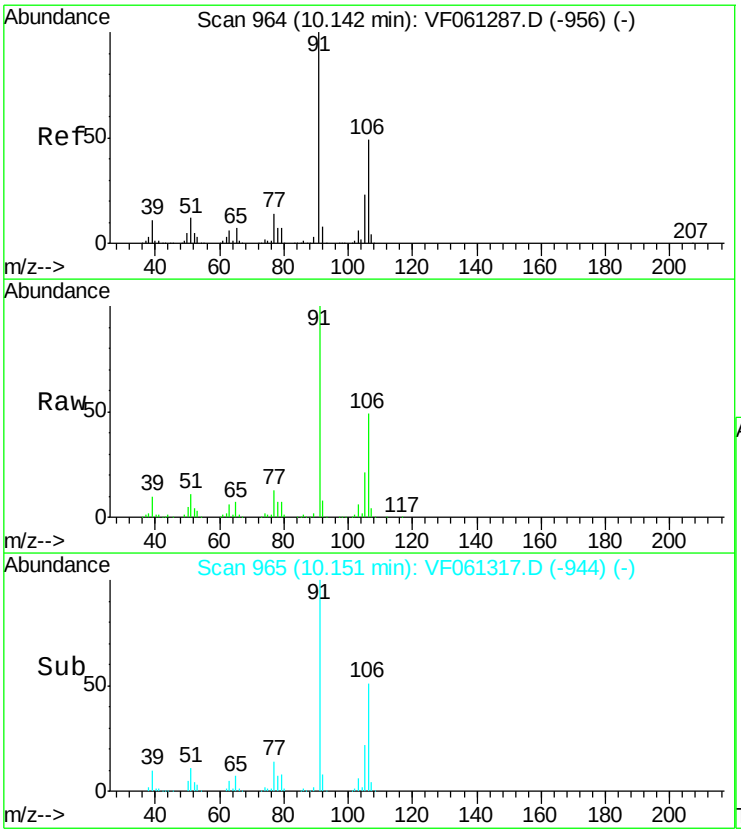
Tgt Ion: 91 Resp: 271202

Ion	Ratio	Lower	Upper
91	100		
106	28.5	21.4	32.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

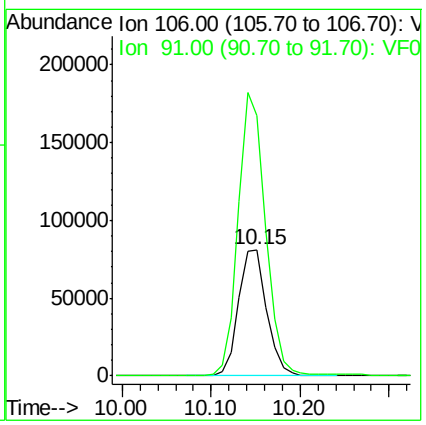
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

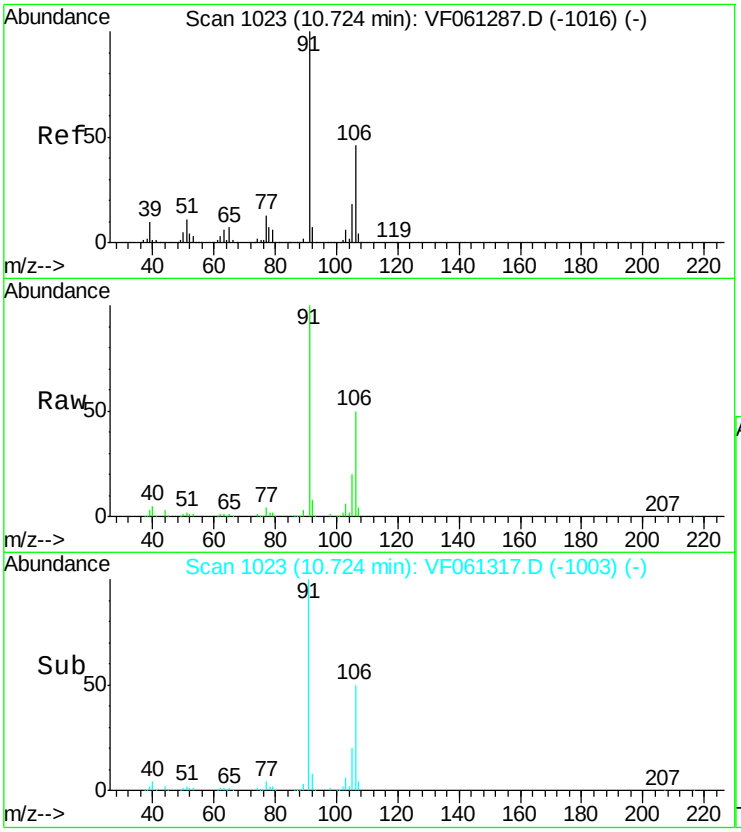


#68
m/p-Xylenes
Concen: 38.987 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:106 Resp: 179685

Ion	Ratio	Lower	Upper
106	100		
91	206.2	165.0	247.6

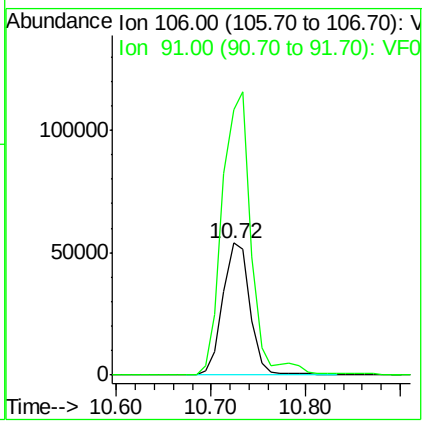




#69
o-Xylene
Concen: 20.926 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

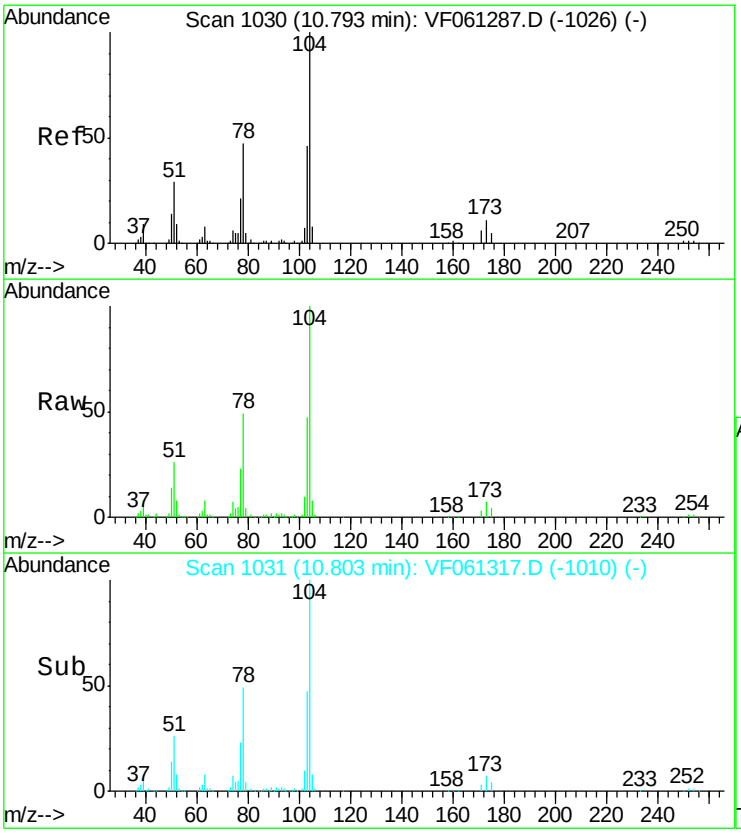
Tgt Ion:106 Resp: 107736

Ion	Ratio	Lower	Upper
106	100		
91	200.7	108.1	324.4



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

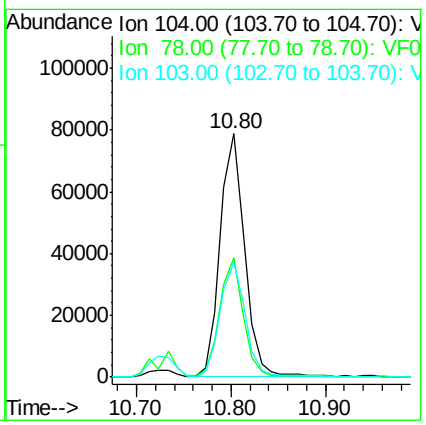
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

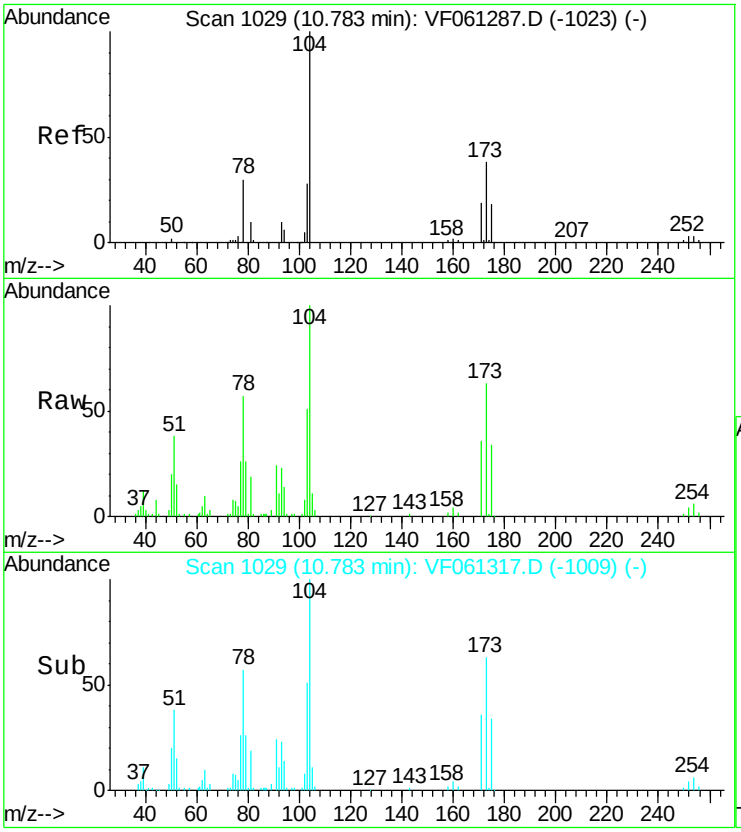


#70
Styrene
Concen: 20.671 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:104 Resp: 141772

Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.0	57.0
103	46.8	36.7	55.1

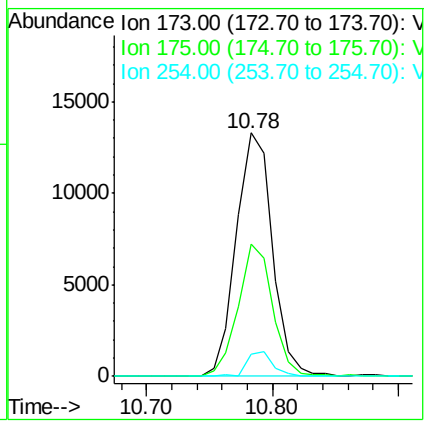




#71
Bromoform
Concen: 23.085 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

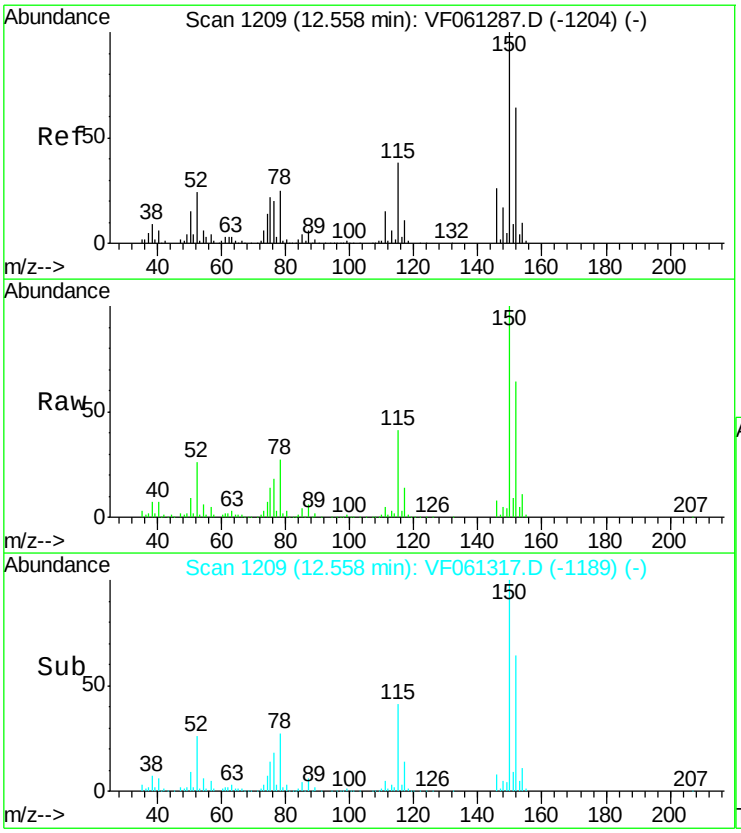
Tgt Ion:173 Resp: 26380

Ion	Ratio	Lower	Upper
173	100		
175	54.3	24.1	72.2
254	9.0	0.0	0.0#



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

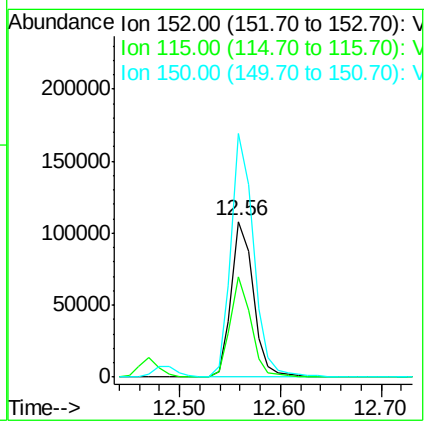
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

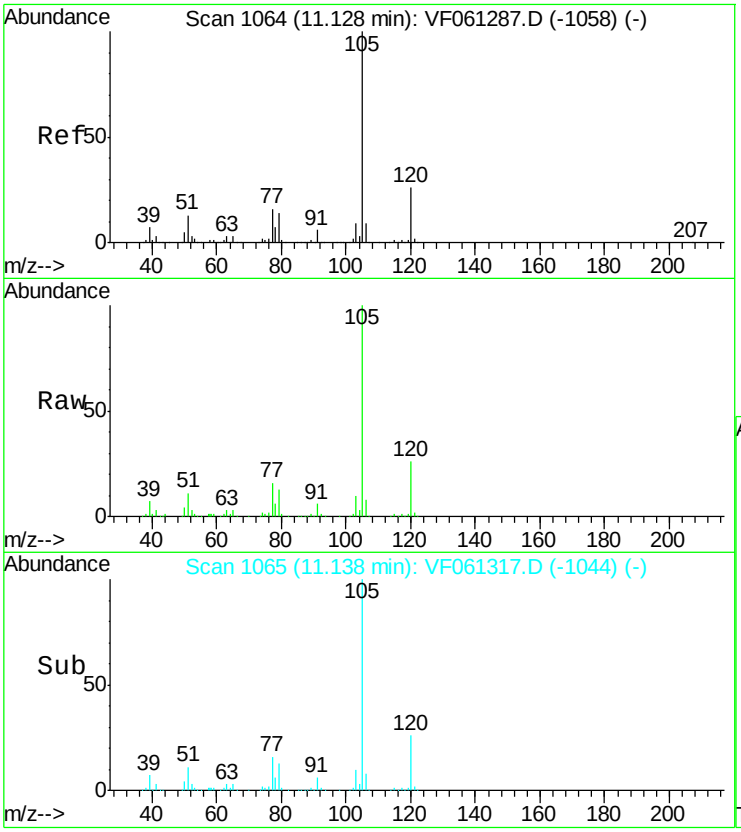


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:152 Resp: 166279

Ion	Ratio	Lower	Upper
152	100		
115	64.5	29.6	88.9
150	156.2	0.0	315.4





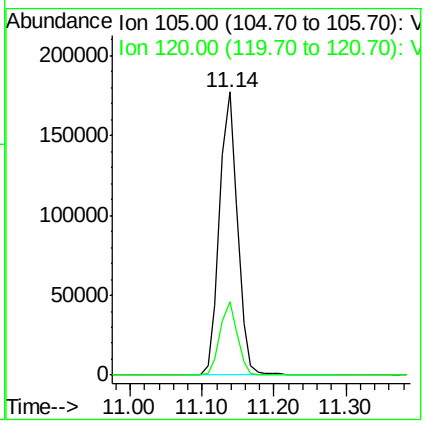
#73
Isopropylbenzene
Concen: 20.949 ug/l
RT: 11.14 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

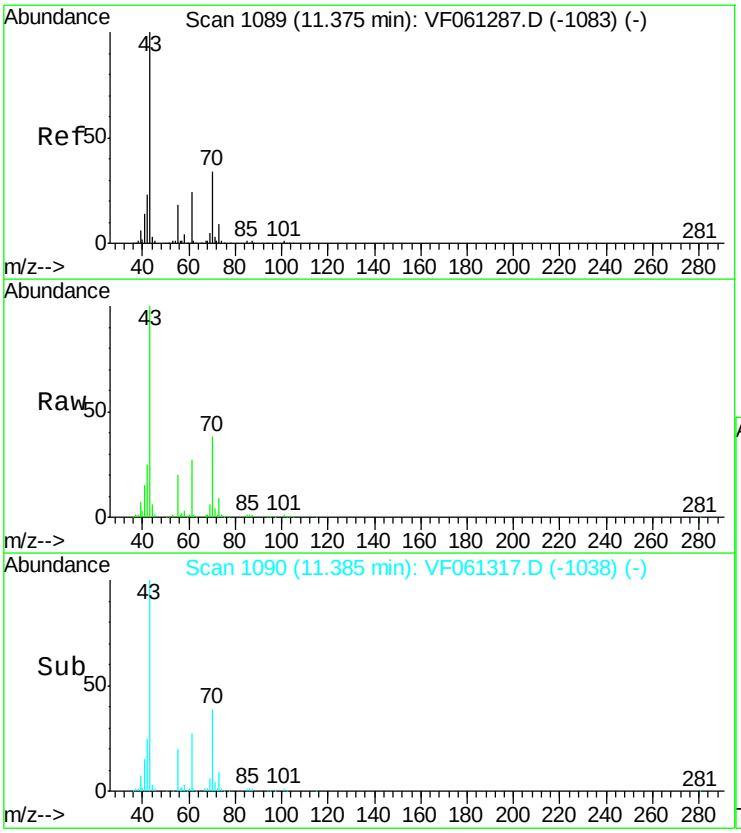
Tgt Ion:105 Resp: 306522

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.9	38.7

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

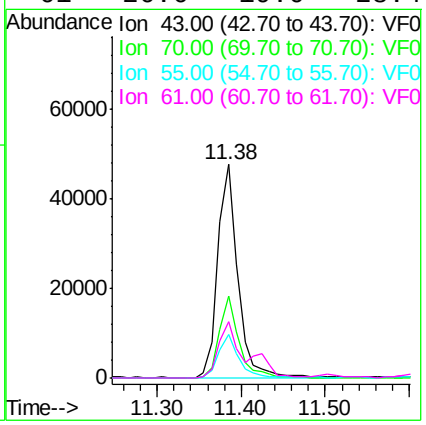


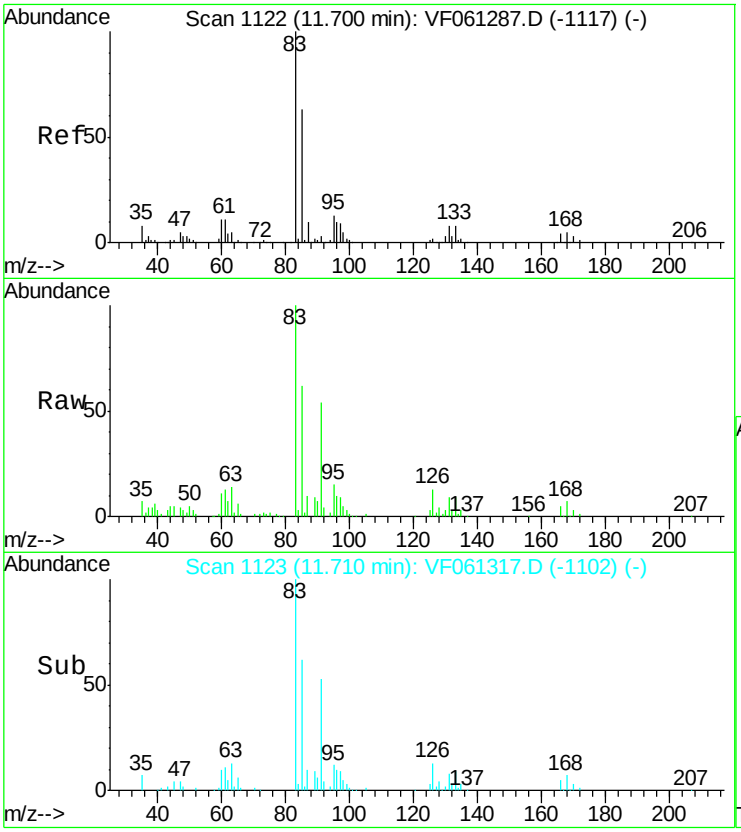


#74
N-amyl acetate
Concen: 24.155 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 43 Resp: 80340

Ion	Ratio	Lower	Upper
43	100		
70	38.5	27.4	41.0
55	20.2	14.7	22.1
61	26.6	19.0	28.4

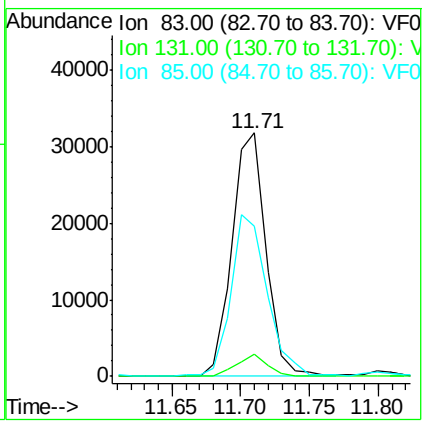




#75
1,1,2,2-Tetrachloroethane
Concen: 23.613 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

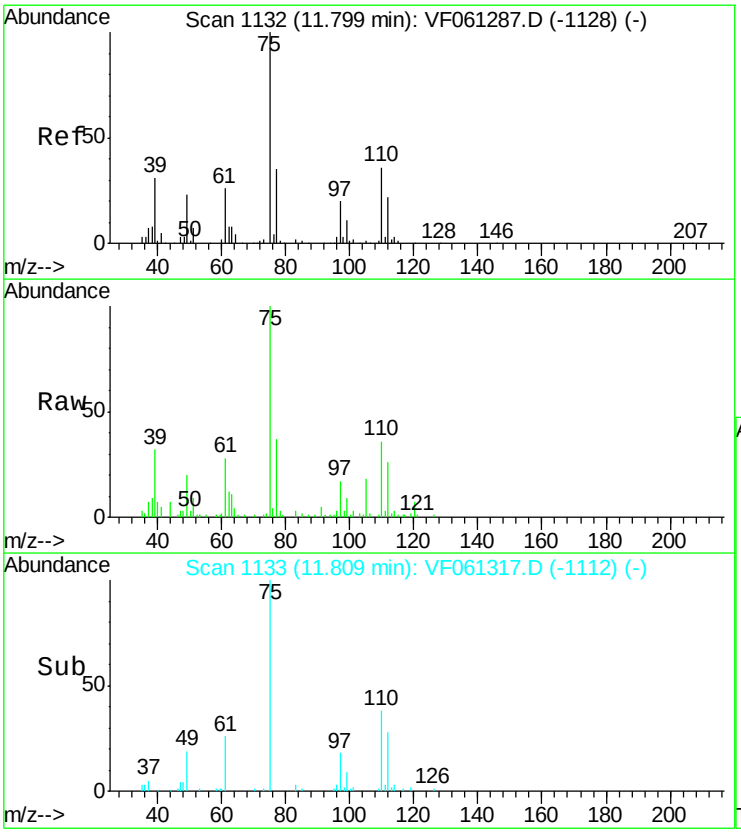
Tgt Ion: 83 Resp: 54780

Ion	Ratio	Lower	Upper
83	100		
131	9.1	3.9	11.7
85	61.7	31.6	94.7



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

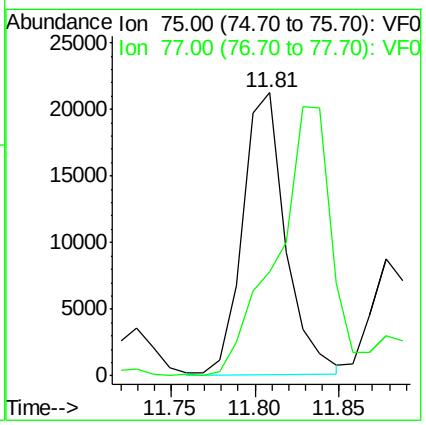
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

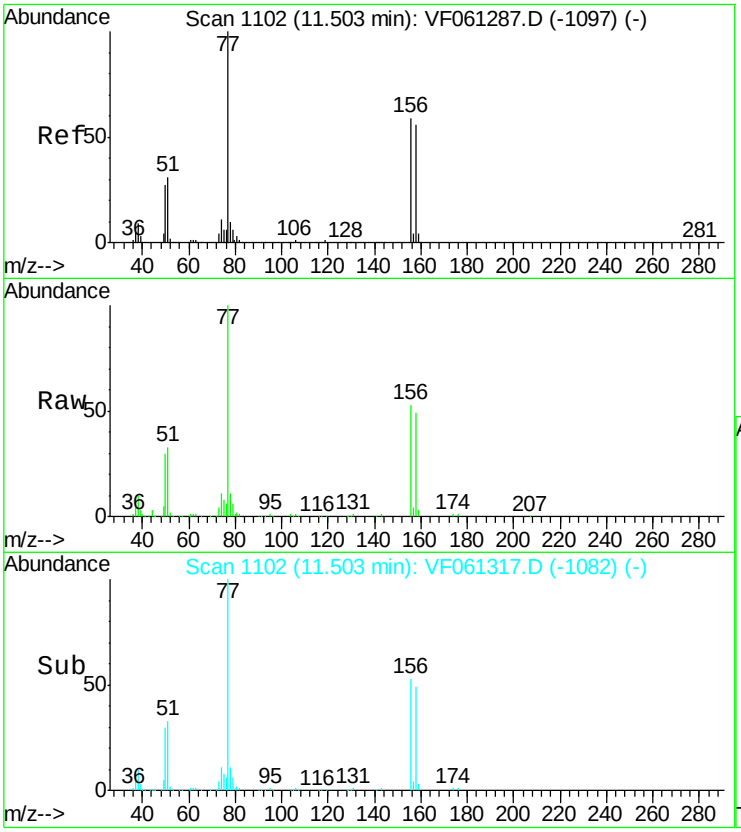


#76
1,2,3-Trichloropropane
Concen: 22.098 ug/l
RT: 11.81 min Scan# 1133
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 75 Resp: 37600

Ion	Ratio	Lower	Upper
75	100		
77	36.9	17.5	52.5

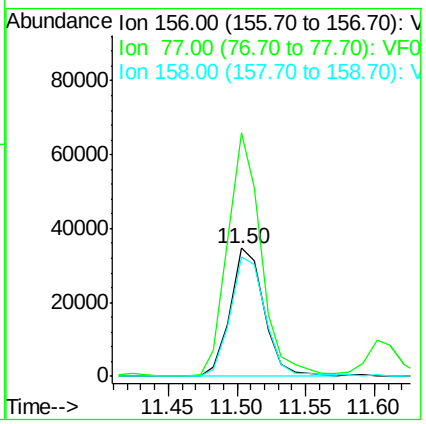




#77
Bromobenzene
Concen: 20.393 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

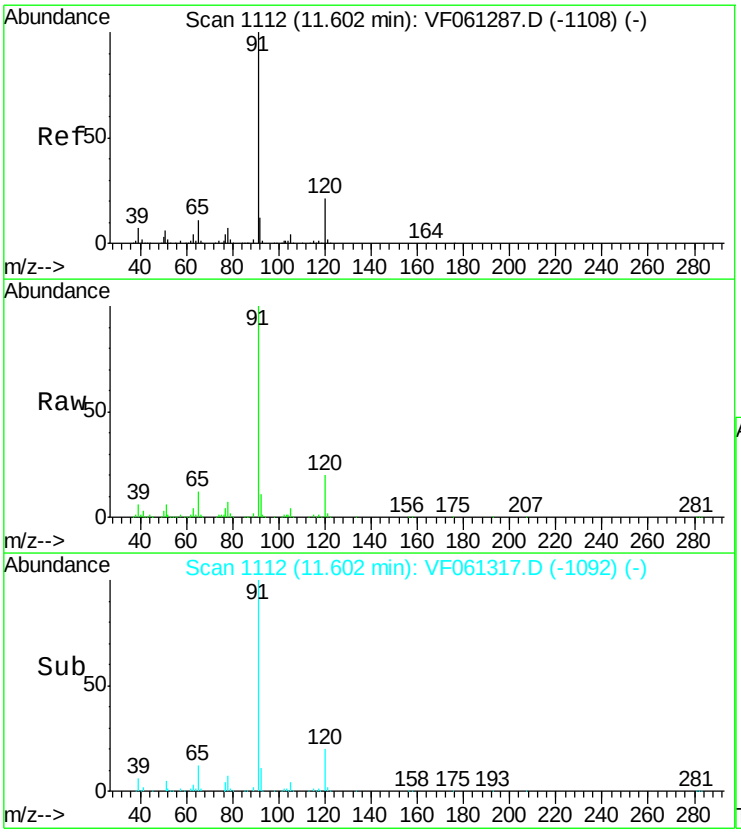
Tgt Ion:156 Resp: 59361

Ion	Ratio	Lower	Upper
156	100		
77	190.4	84.3	252.9
158	93.6	47.1	141.3



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

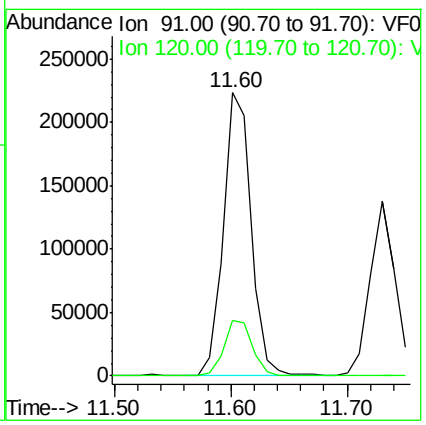
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

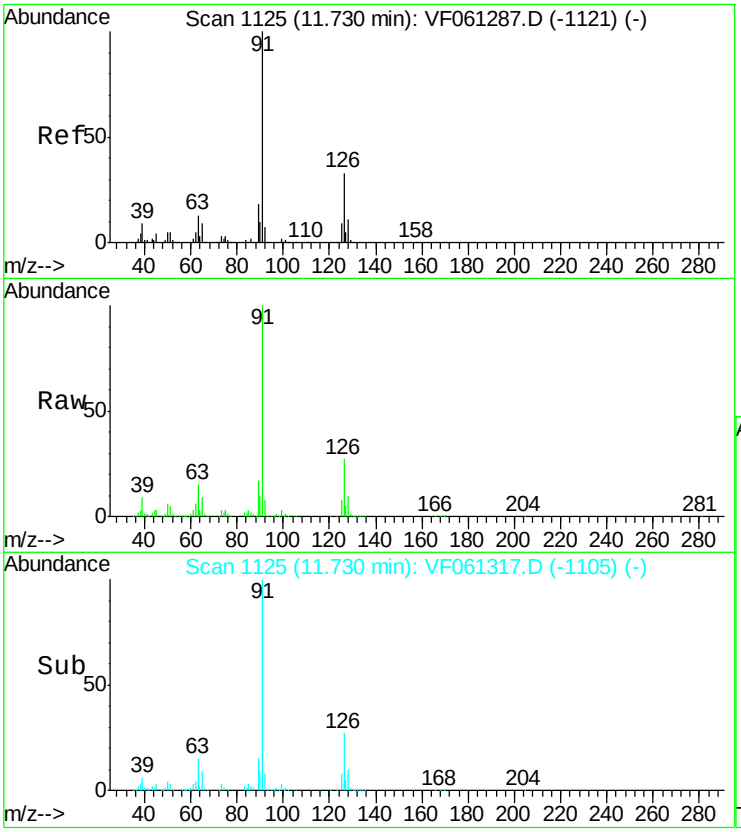


#78
n-propylbenzene
Concen: 21.027 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 91 Resp: 366820

Ion	Ratio	Lower	Upper
91	100		
120	19.5	10.7	32.1

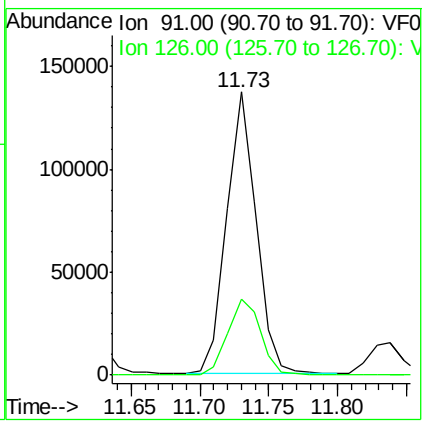




#79
2-Chlorotoluene
Concen: 21.043 ug/l
RT: 11.73 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

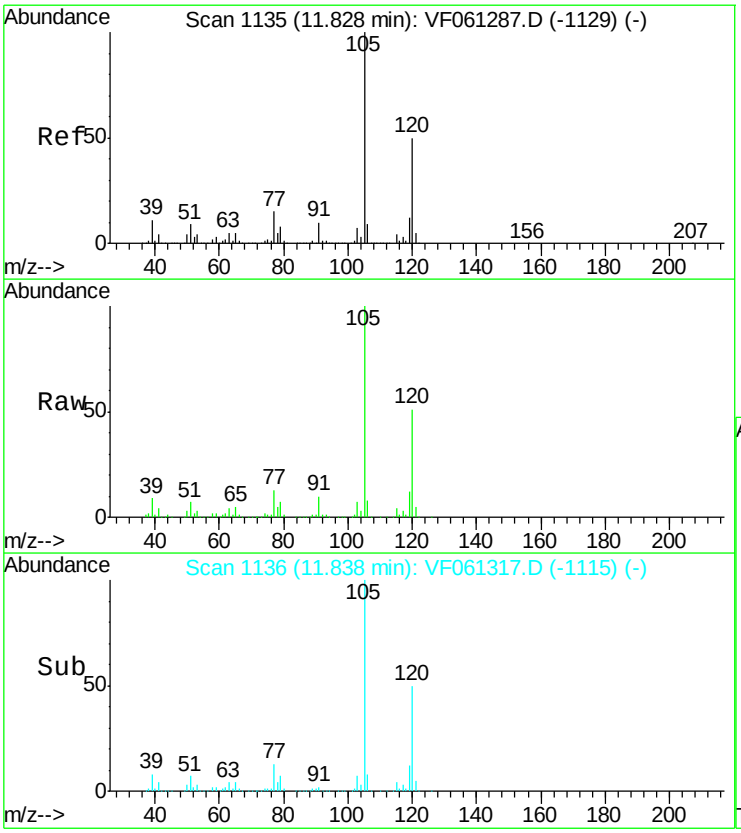
Tgt Ion: 91 Resp: 204529

Ion	Ratio	Lower	Upper
91	100		
126	27.0	16.6	49.8



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

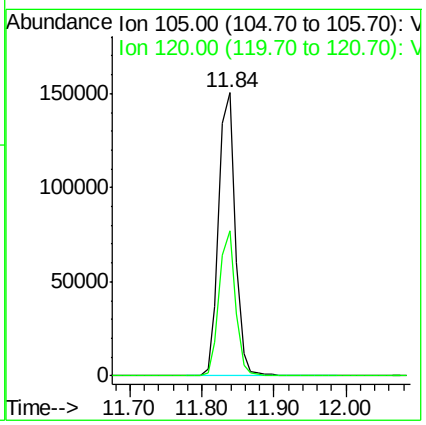
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

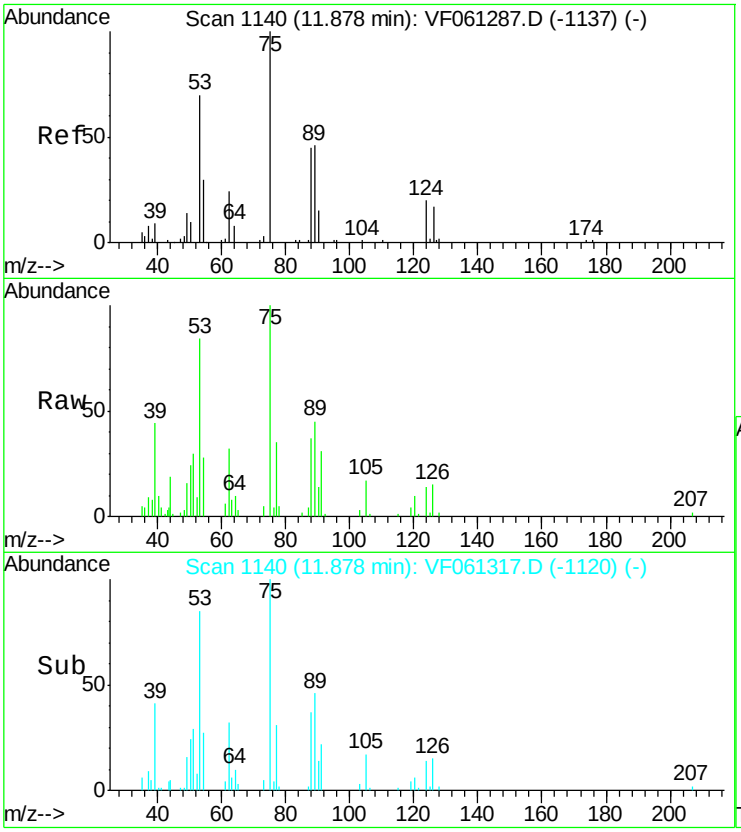


#80
1,3,5-Trimethylbenzene
Concen: 20.692 ug/l
RT: 11.84 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:105 Resp: 240902

Ion	Ratio	Lower	Upper
105	100		
120	51.3	25.2	75.6





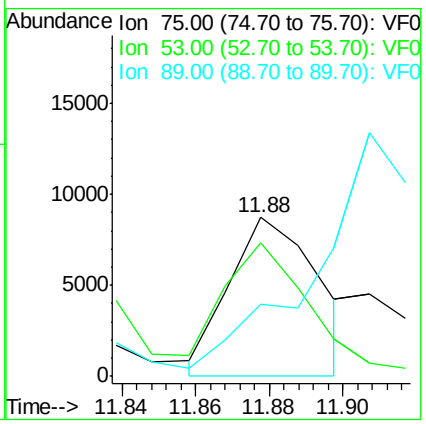
#81
trans-1,4-Dichloro-2-butene
Concen: 19.692 ug/l m
RT: 11.88 min Scan# 1140
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

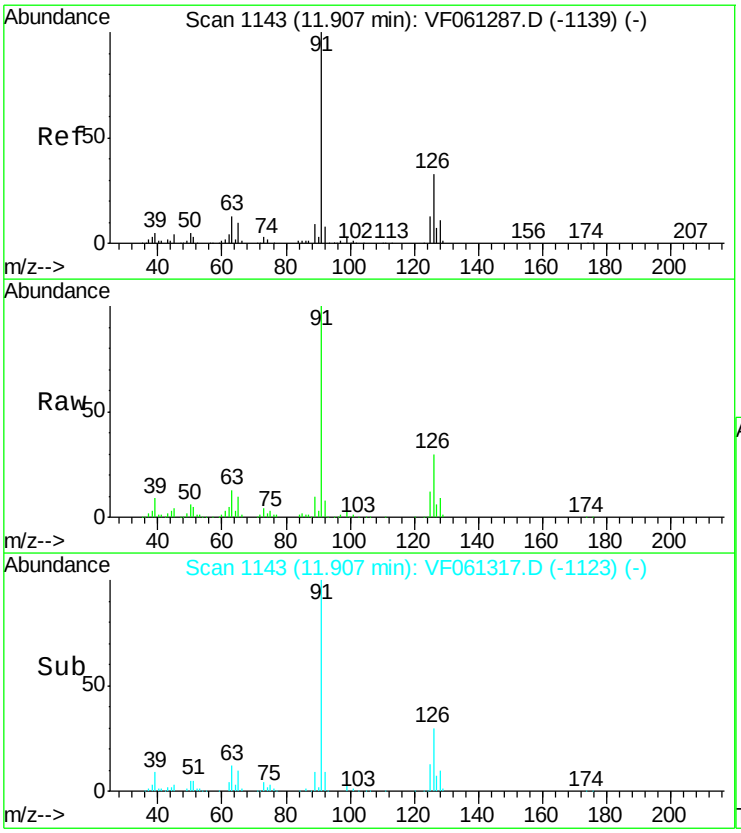
Tgt Ion: 75 Resp: 14642

Ion	Ratio	Lower	Upper
75	100		
53	83.7	62.2	93.2
89	45.5	40.2	60.4

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

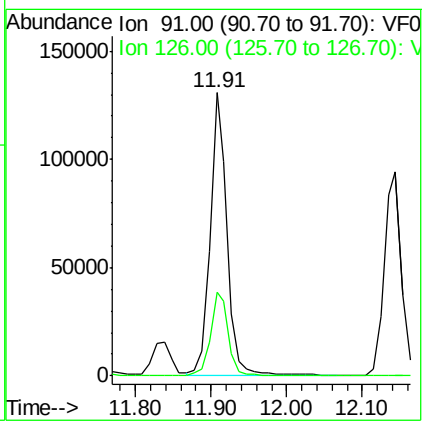


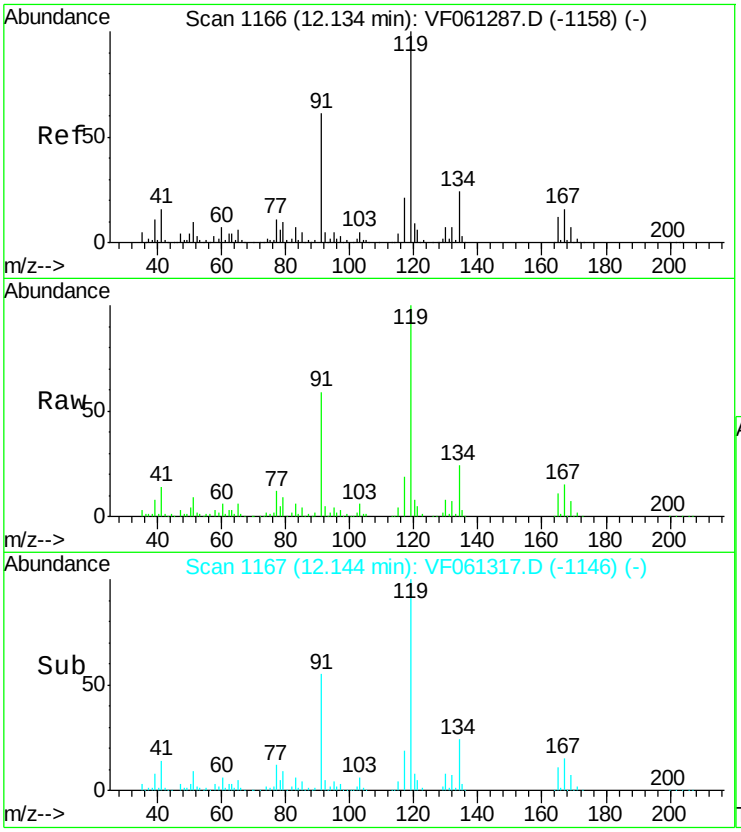


#82
4-Chlorotoluene
Concen: 20.662 ug/l
RT: 11.91 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 91 Resp: 204063

Ion	Ratio	Lower	Upper
91	100		
126	29.6	16.4	49.4

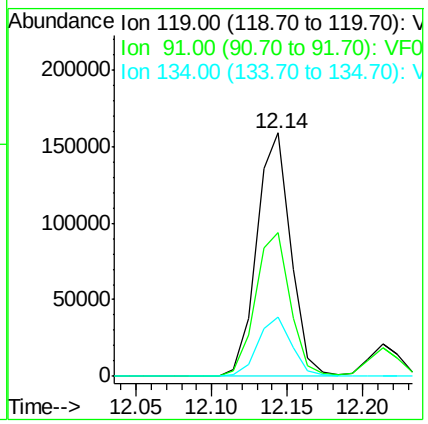




#83
tert-Butylbenzene
Concen: 21.585 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

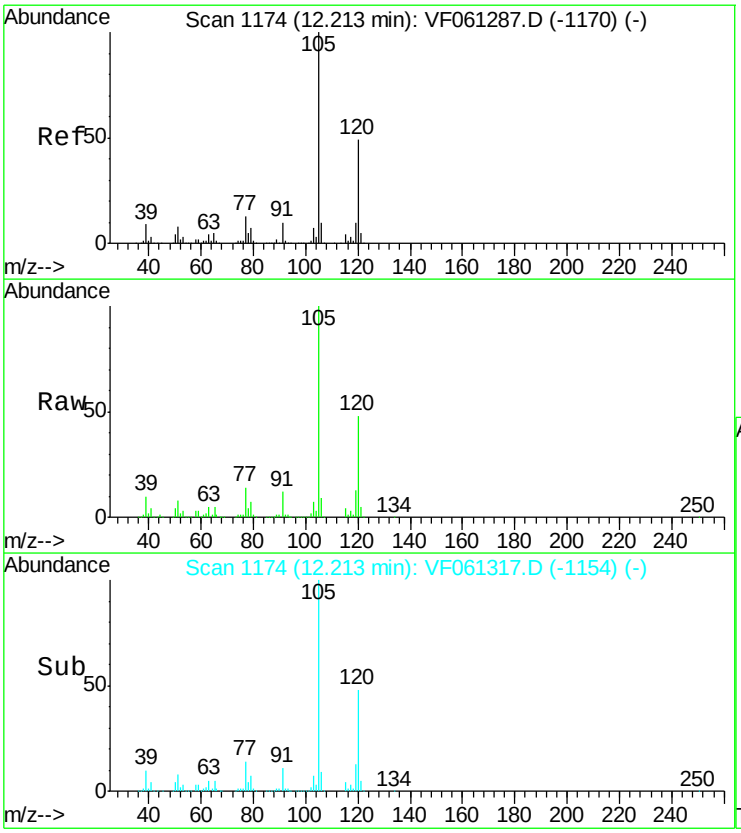
Tgt Ion:119 Resp: 250367

Ion	Ratio	Lower	Upper
119	100		
91	59.2	30.8	92.4
134	24.1	11.9	35.9



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

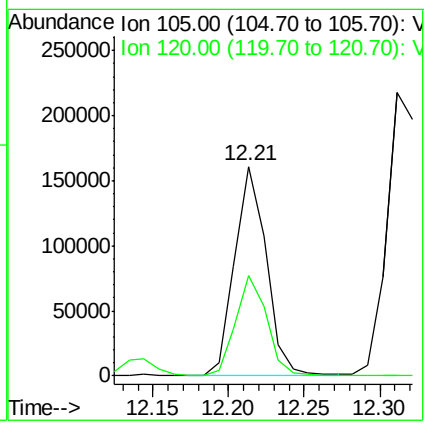
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

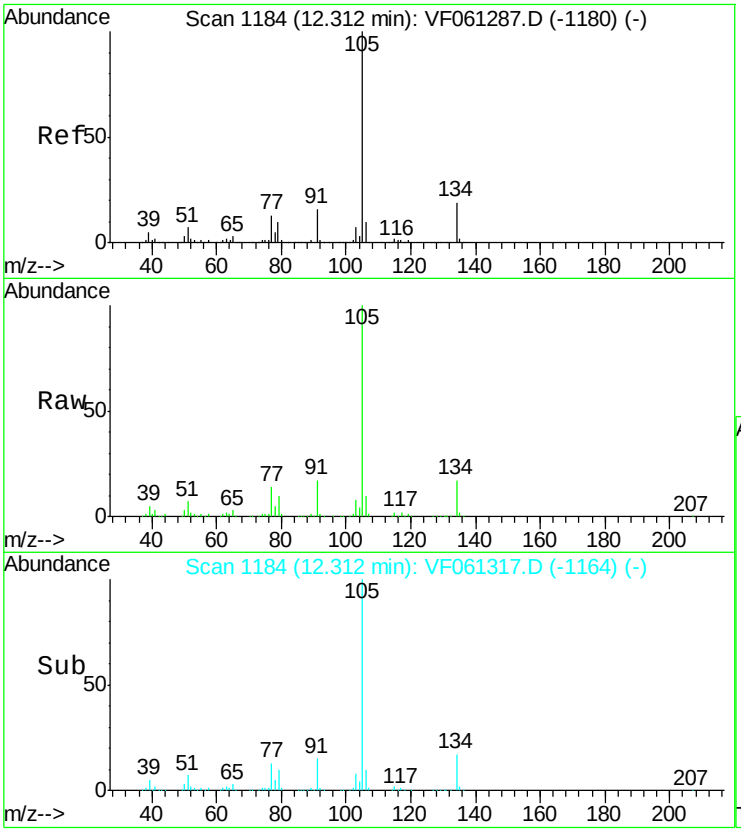


#84
1,2,4-Trimethylbenzene
Concen: 20.242 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:105 Resp: 233977

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.7	74.1

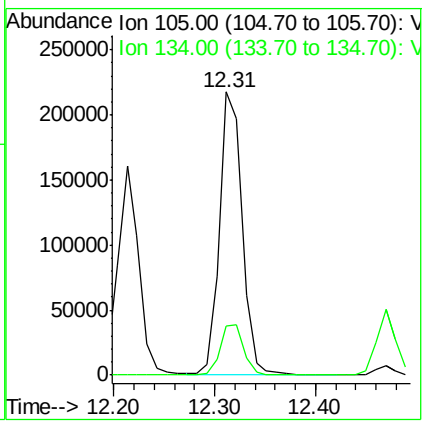




#85
sec-Butylbenzene
Concen: 20.635 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

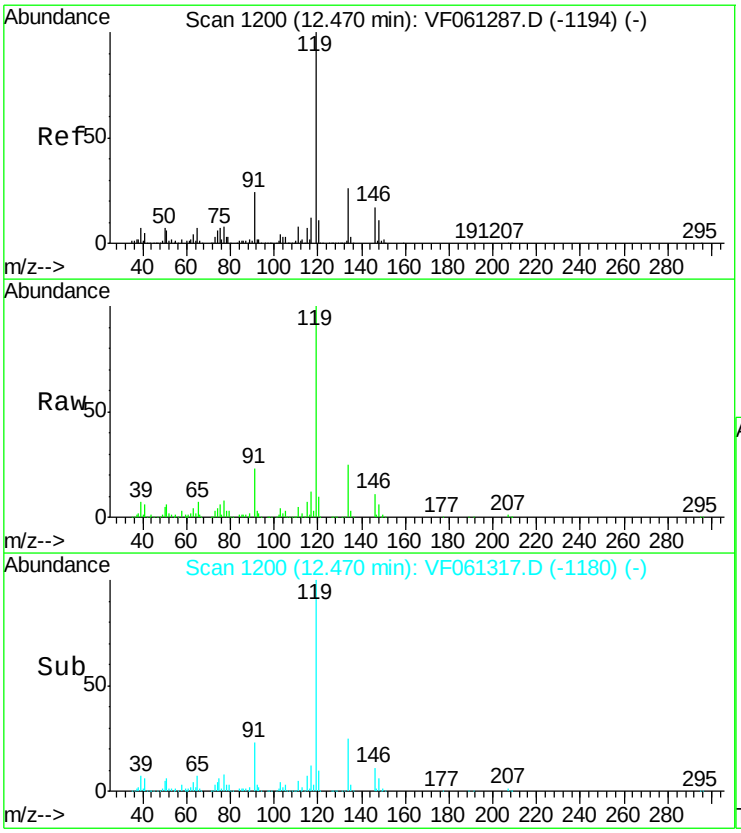
Tgt Ion:105 Resp: 340806

Ion	Ratio	Lower	Upper
105	100		
134	17.3	9.7	28.9



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

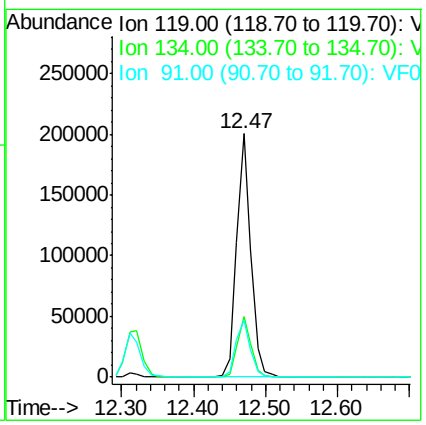
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

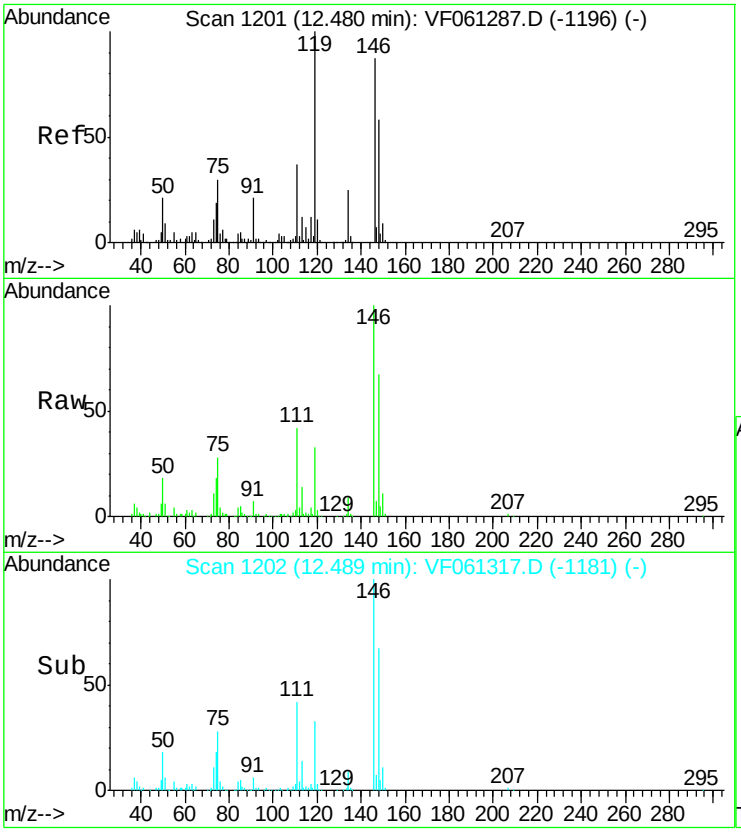


#86
p-Isopropyltoluene
Concen: 20.571 ug/l
RT: 12.47 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:119 Resp: 276345

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.0	39.0
91	23.2	12.2	36.4

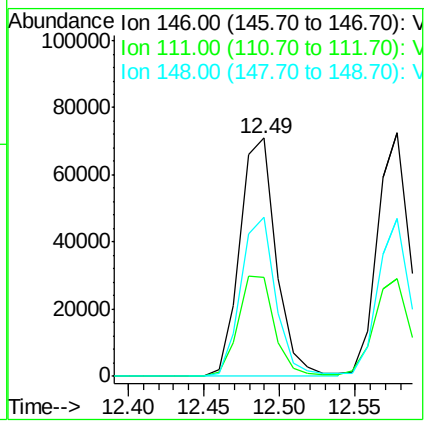




#87
1,3-Dichlorobenzene
Concen: 20.874 ug/l
RT: 12.49 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

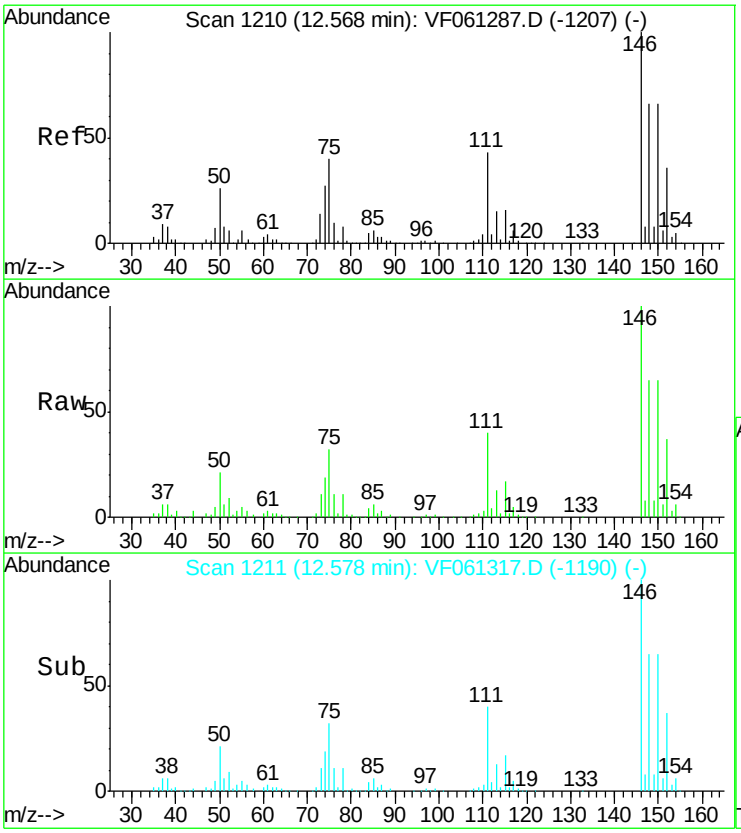
Tgt Ion:146 Resp: 118657

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.3
148	66.7	33.1	99.5



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

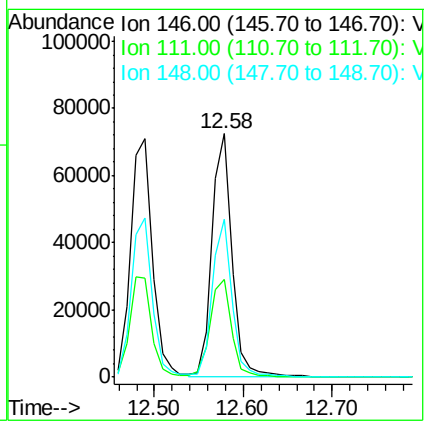
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

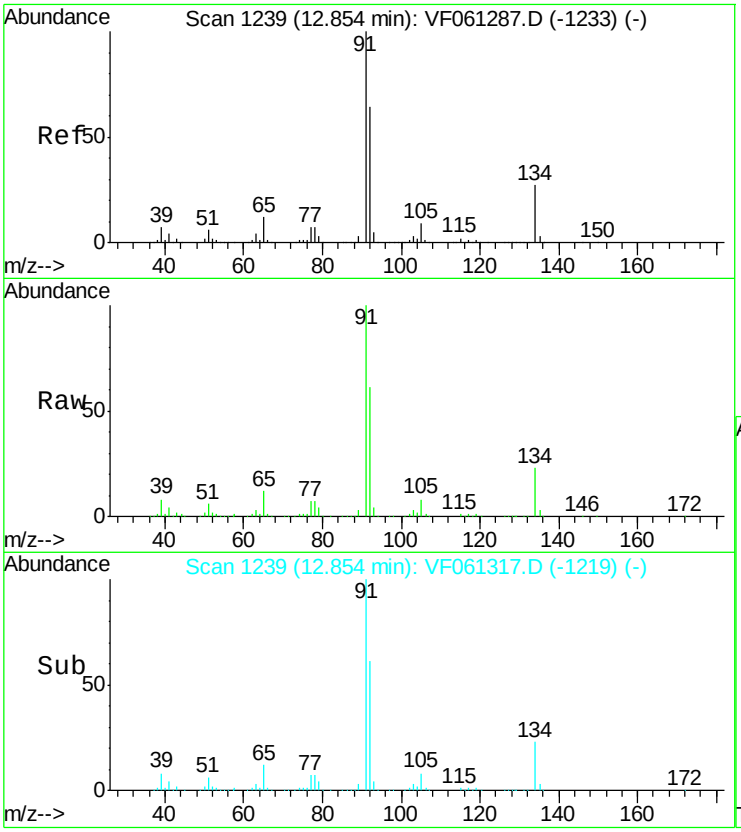


#88
1,4-Dichlorobenzene
Concen: 20.902 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:146 Resp: 114230

Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.4	64.2
148	64.9	33.0	98.9

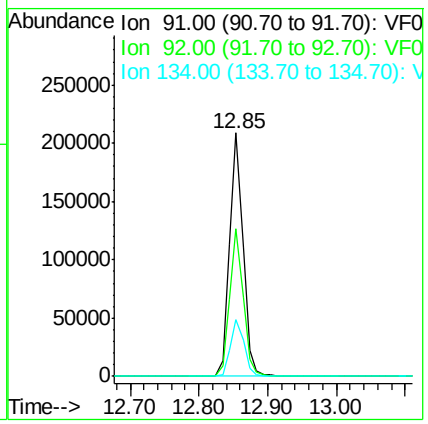




#89
n-Butylbenzene
Concen: 20.672 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

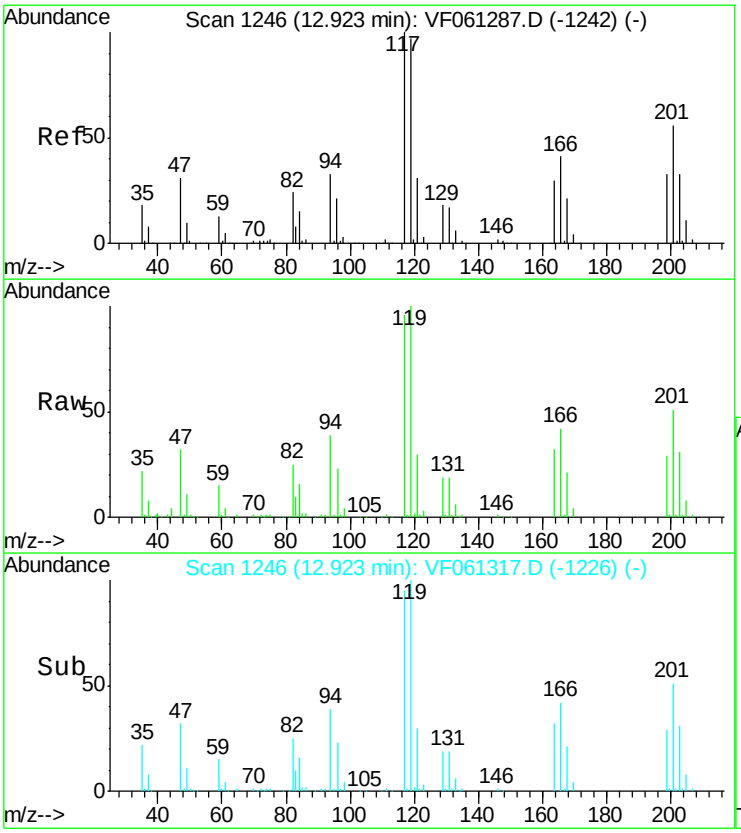
Tgt Ion: 91 Resp: 285338

Ion	Ratio	Lower	Upper
91	100		
92	60.6	32.1	96.3
134	23.3	13.4	40.1



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

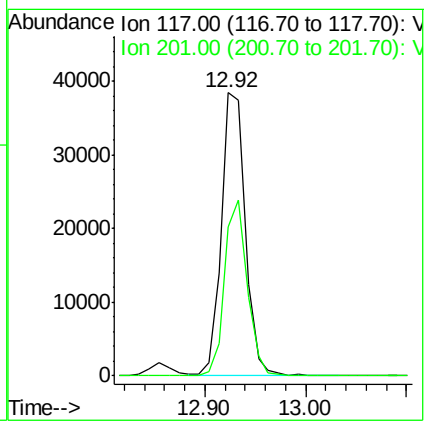
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

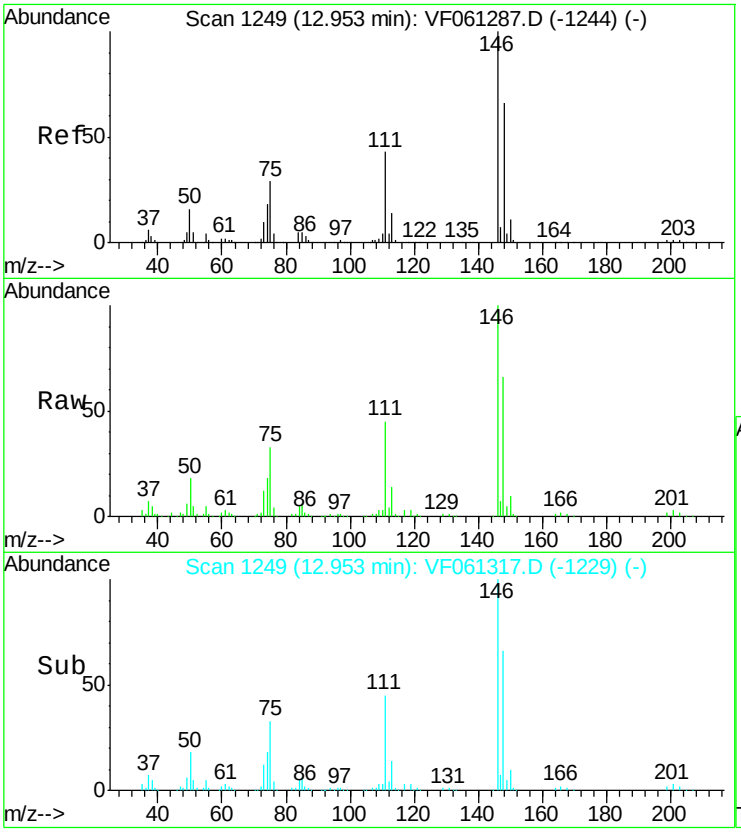


#90
Hexachloroethane
Concen: 20.775 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:117 Resp: 63841

Ion	Ratio	Lower	Upper
117	100		
201	54.0	27.9	83.7

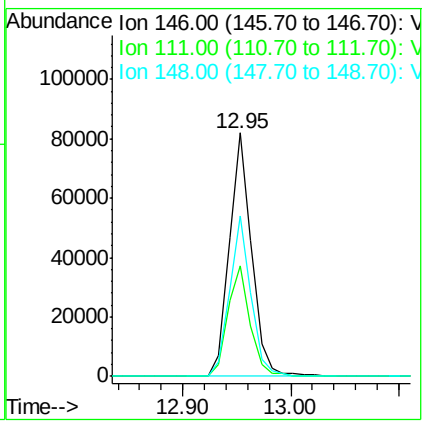




#91
1,2-Dichlorobenzene
Concen: 21.627 ug/l
RT: 12.95 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

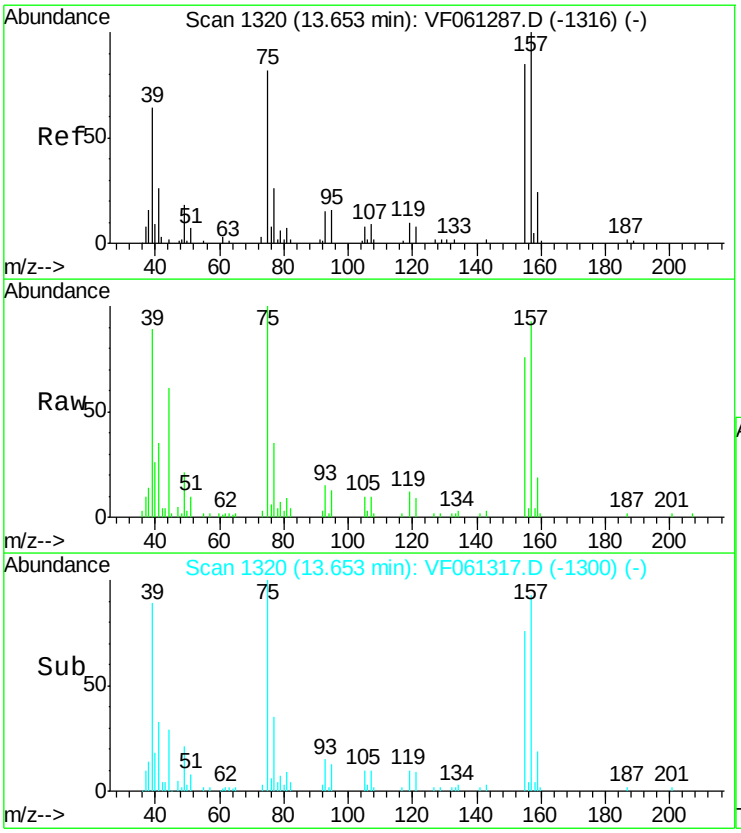
Tgt Ion:146 Resp: 117347

Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.4	64.3
148	65.9	33.1	99.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

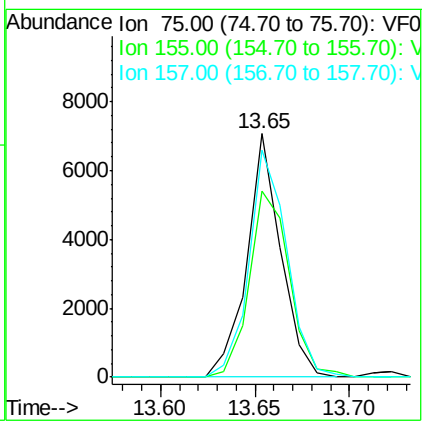
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

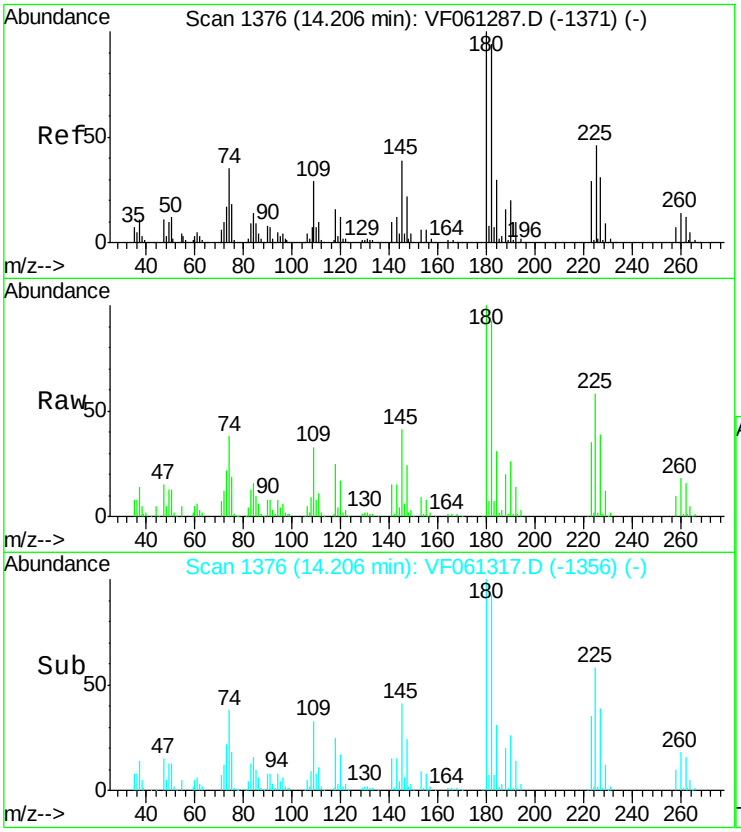


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.506 ug/l
RT: 13.65 min Scan# 1320
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion: 75 Resp: 8822

Ion	Ratio	Lower	Upper
75	100		
155	76.3	51.3	154.0
157	93.5	60.7	182.0

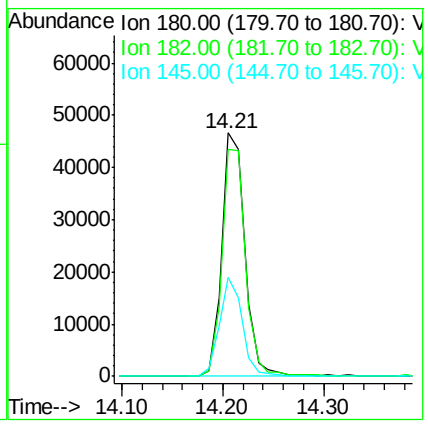




#93
1,2,4-Trichlorobenzene
Concen: 20.023 ug/l
RT: 14.21 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

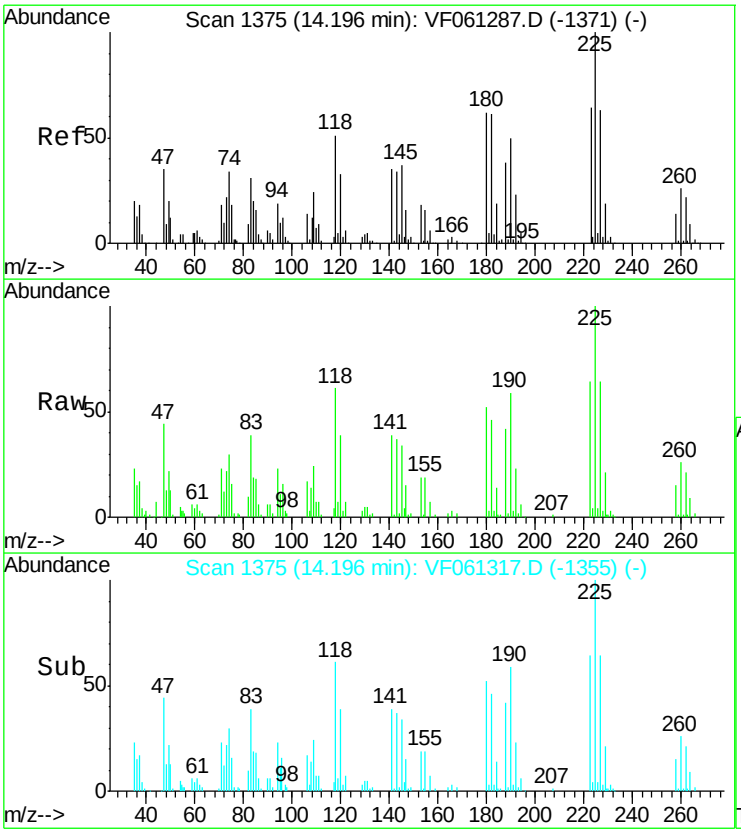
Tgt Ion:180 Resp: 74763

Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.0	141.2
145	40.8	19.7	59.1



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

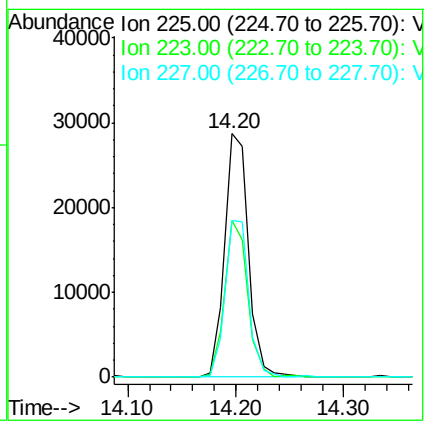
Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM

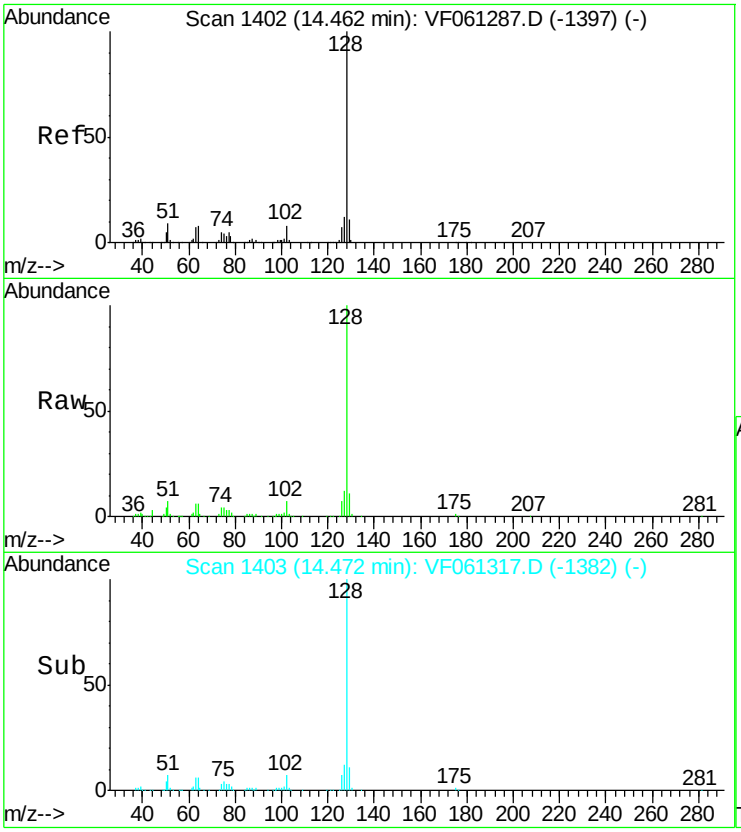


#94
Hexachlorobutadiene
Concen: 18.337 ug/l
RT: 14.20 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:225 Resp: 44077

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.8	95.4
227	64.1	31.3	93.9

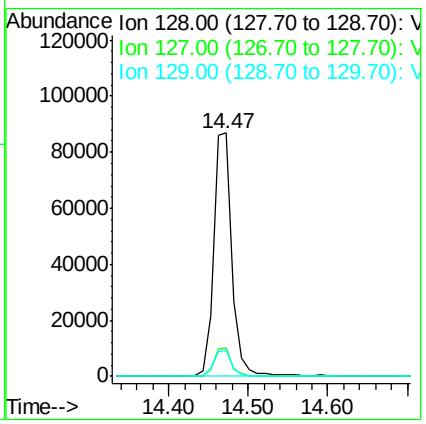




#95
Naphthalene
Concen: 19.975 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.01 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

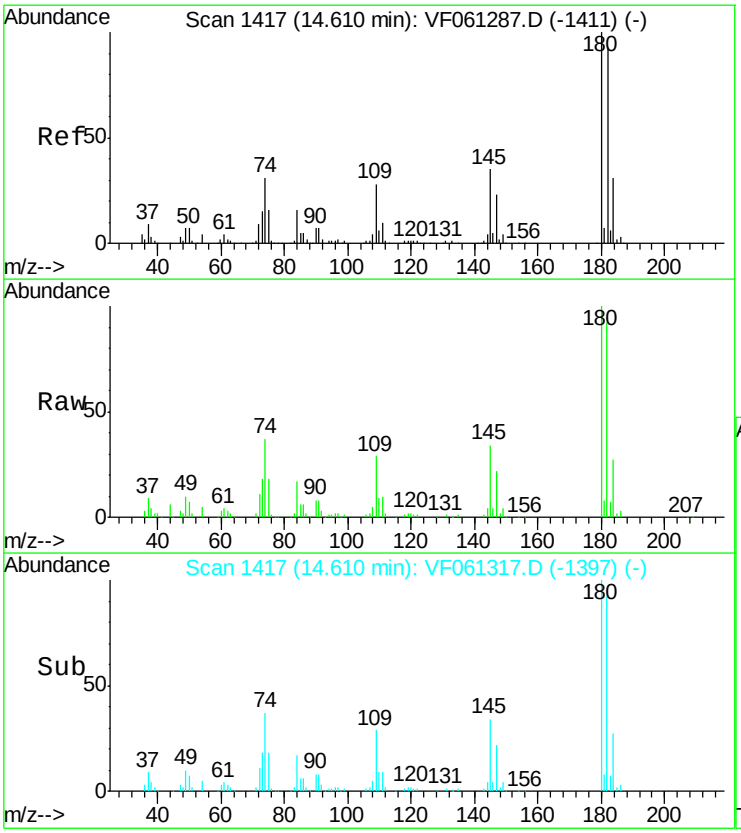
Tgt Ion:128 Resp: 140549

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.4	14.0
129	10.8	8.8	13.2



Instrument :
MSVOA_F
ClientSampleId :
VF0109SBS02

Manual Integrations APPROVED
MMDadoda
1/10/2019 3:31:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.326 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF061317.D
Acq: 10 Jan 2019 00:48

Tgt Ion:180 Resp: 67973

Ion	Ratio	Lower	Upper
180	100		
182	91.7	46.5	139.3
145	34.4	17.5	52.6