Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
Data File : VF061227.D
Acq On : 28 Dec 2018 11:01
Operator : VA/AP
Sample : VF1228SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

Quant Time: Dec 29 01:25:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.87	168	191657	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	338674	50.00	ug/l		0.01
63) Chlorobenzene-d5	9.79	117	318718	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	155251	50.00	ug/l		0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	119135	48.33	ug/l		0.01
Spiked Amount 50.000			Recovery = 96.66%				
35) Dibromofluoromethane	4.12	113	131054	48.31	ug/l		0.01
Spiked Amount 50.000			Recovery = 96.62%				
50) Toluene-d8	7.57	98	387959	50.46	ug/l		0.01
Spiked Amount 50.000			Recovery = 100.92%				
62) 4-Bromofluorobenzene	11.41	95	165118	46.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.18%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.97	85	337485	79.214	ug/l		100
3) Chloromethane	1.11	50	247117	101.259	ug/l		96
4) Vinyl Chloride	1.15	62	223049	98.525	ug/l		94
5) Bromomethane	1.33	94	140112	89.230	ug/l		96
6) Chloroethane	1.40	64	97968	93.916	ug/l		95
7) Trichlorofluoromethane	1.49	101	371237m	85.883	ug/l		
8) Diethyl Ether	1.63	74	61203	103.396	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	1.84	101	188215	83.978	ug/l		96
10) Methyl Iodide	1.91	142	327864m	92.804	ug/l		
11) Tert butyl alcohol	2.58	59	53841	541.255	ug/l		99
12) 1,1-Dichloroethene	1.81	96	160331	94.901	ug/l		90
13) Acrolein	2.00	56	26868	373.792	ug/l	#	79
14) Allyl chloride	2.09	41	214327	121.905	ug/l		88
15) Acrylonitrile	2.95	53	134446	584.488	ug/l		96
16) Acetone	2.24	43	259131	525.846	ug/l	#	92
17) Carbon Disulfide	1.84	76	453756m	88.875	ug/l		
18) Methyl Acetate	2.35	43	121058m	118.738	ug/l		
19) Methyl tert-butyl Ether	2.44	73	374374	99.833	ug/l		99
20) Methylene Chloride	2.18	84	162836m	108.678	ug/l		
21) trans-1,2-Dichloroethene	2.31	96	142763	79.007	ug/l		92
22) Diisopropyl ether	2.80	45	614597	104.944	ug/l		95
23) Vinyl Acetate	3.19	43	1411966	522.620	ug/l		98
24) 1,1-Dichloroethane	2.87	63	343783	99.075	ug/l		99
25) 2-Butanone	4.34	43	412005	515.516	ug/l		99
26) 2,2-Dichloropropane	3.60	77	201355	101.117	ug/l		96
27) cis-1,2-Dichloroethene	3.48	96	278539	100.689	ug/l		94
28) Bromochloromethane	3.72	49	175338	99.588	ug/l		89
29) Tetrahydrofuran	4.07	42	166733	512.573	ug/l		98
30) Chloroform	3.87	83	504030	96.875	ug/l		96
31) Cyclohexane	3.69	56	348382m	96.756	ug/l		
32) 1,1,1-Trichloroethane	4.10	97	273470	87.693	ug/l		95
36) 1,1-Dichloropropene	4.29	75	354855	86.804	ug/l		97
37) Ethyl Acetate	4.11	43	158505	Below Cal			87
38) Carbon Tetrachloride	4.00	117	278867	89.576	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
Data File : VF061227.D
Acq On : 28 Dec 2018 11:01
Operator : VA/AP
Sample : VF1228SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 01:25:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	5.46	83	369837	100.842 ug/l	96
40) Benzene	4.64	78	803328	91.377 ug/l	97
41) Methacrylonitrile	4.75	41	89287	103.419 ug/l	91
42) 1,2-Dichloroethane	4.95	62	302188	90.485 ug/l	98
43) Isopropyl Acetate	6.96	43	213808	108.317 ug/l #	100
44) Trichloroethene	5.51	130	252232	91.003 ug/l	89
45) 1,2-Dichloropropane	6.24	63	221081	92.432 ug/l	98
46) Dibromomethane	6.10	93	155745	100.396 ug/l	98
47) Bromodichloromethane	6.39	83	393243	97.562 ug/l	97
48) Methyl methacrylate	6.72	41	136329	98.933 ug/l	97
49) 1,4-Dioxane	6.71	88	19204	1920.647 ug/l #	81
51) 4-Methyl-2-Pentanone	8.27	43	659335	487.044 ug/l	100
52) Toluene	7.64	92	525163	90.243 ug/l	97
53) t-1,3-Dichloropropene	8.29	75	296582	91.211 ug/l	100
54) cis-1,3-Dichloropropene	7.31	75	388432	95.180 ug/l	97
55) 1,1,2-Trichloroethane	8.49	97	176501	101.172 ug/l	98
56) Ethyl methacrylate	8.62	69	194701	103.139 ug/l	98
57) 1,3-Dichloropropane	8.86	76	307123	97.336 ug/l	99
58) 2-Chloroethyl Vinyl ether	7.30	63	111927	308.715 ug/l	97
59) 2-Hexanone	9.50	43	478097	488.353 ug/l	97
60) Dibromochloromethane	8.72	129	237766	95.077 ug/l	97
61) 1,2-Dibromoethane	9.00	107	187819	100.805 ug/l	97
64) Tetrachloroethene	8.16	164	212221	86.559 ug/l	96
65) Chlorobenzene	9.81	112	608890	92.476 ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.93	131	249406	92.691 ug/l	95
67) Ethyl Benzene	9.90	91	1072046	89.372 ug/l	97
68) m/p-Xylenes	10.14	106	753380	178.465 ug/l	89
69) o-Xylene	10.71	106	394043	84.164 ug/l	87
70) Styrene	10.79	104	534621	98.441 ug/l	98
71) Bromoform	10.78	173	121264	97.412 ug/l #	93
73) Isopropylbenzene	11.13	105	1155208	86.346 ug/l	100
74) N-amyl acetate	11.37	43	293196	98.709 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.70	83	210157	94.646 ug/l	100
76) 1,2,3-Trichloropropane	11.80	75	159671	96.627 ug/l	96
77) Bromobenzene	11.50	156	248687	86.350 ug/l	91
78) n-propylbenzene	11.60	91	1309204	118.144 ug/l	97
79) 2-Chlorotoluene	11.73	91	772336	84.152 ug/l	97
80) 1,3,5-Trimethylbenzene	11.83	105	898469	81.557 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.88	75	82491m	116.173 ug/l	
82) 4-Chlorotoluene	11.91	91	812311	85.558 ug/l	97
83) tert-Butylbenzene	12.13	119	904153	79.758 ug/l	98
84) 1,2,4-Trimethylbenzene	12.21	105	907828	82.637 ug/l	95
85) sec-Butylbenzene	12.31	105	1234312	83.434 ug/l	95
86) p-Isopropyltoluene	12.47	119	995806	81.094 ug/l	98
87) 1,3-Dichlorobenzene	12.48	146	437103	98.183 ug/l	96
88) 1,4-Dichlorobenzene	12.57	146	480758	90.908 ug/l	96
89) n-Butylbenzene	12.84	91	1016045	Below Cal	97
90) Hexachloroethane	12.92	117	283809	93.548 ug/l	84
91) 1,2-Dichlorobenzene	12.94	146	446591	86.739 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.64	75	47144	115.703 ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
Data File : VF061227.D
Acq On : 28 Dec 2018 11:01
Operator : VA/AP
Sample : VF1228SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

Quant Time: Dec 29 01:25:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	324427	88.850 ug/l	93
94) Hexachlorobutadiene	14.20	225	205459	88.346 ug/l	95
95) Naphthalene	14.46	128	673589	101.024 ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	318808	94.446 ug/l	97

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

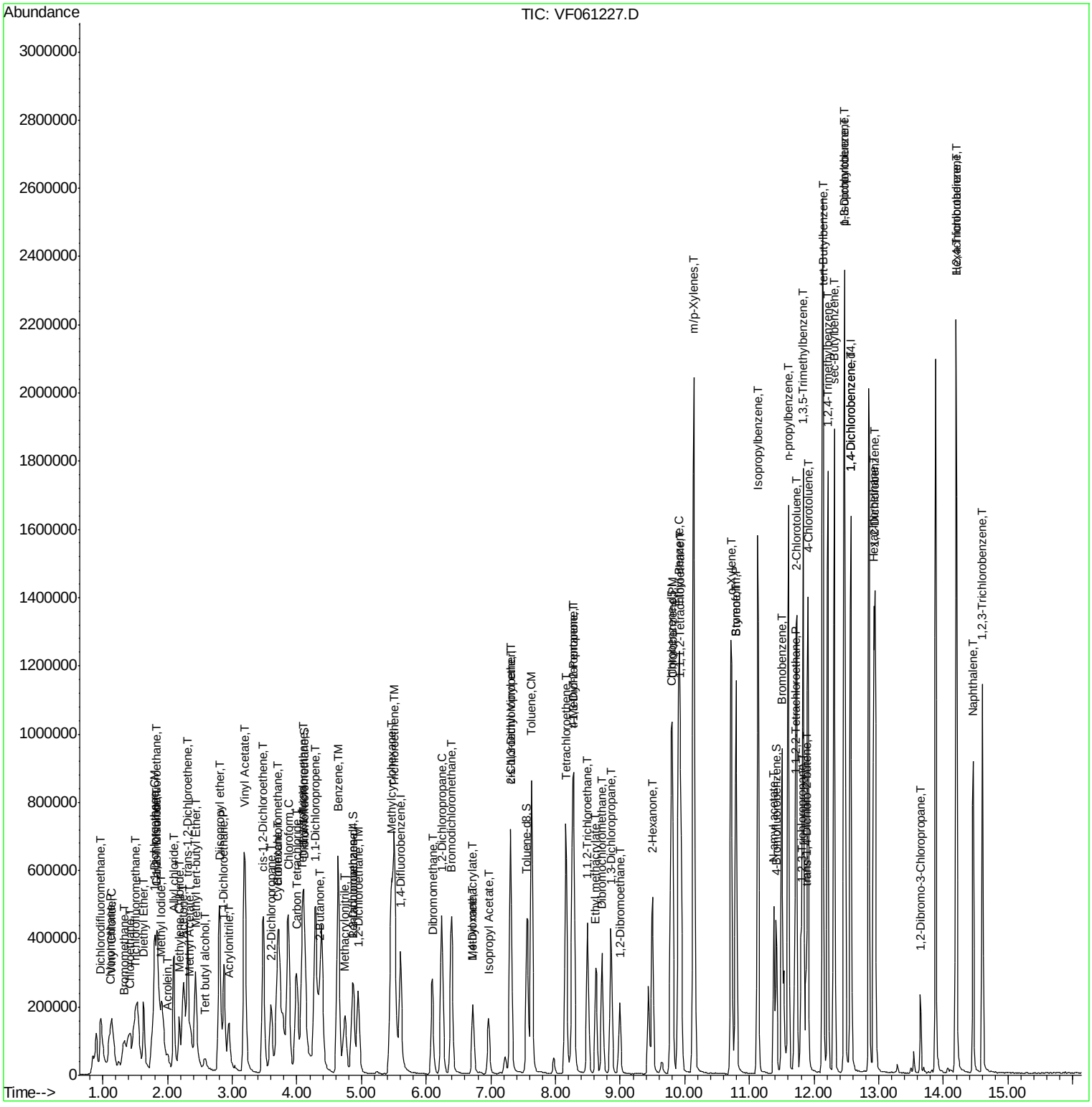
Quantitation Report (QT Reviewed)

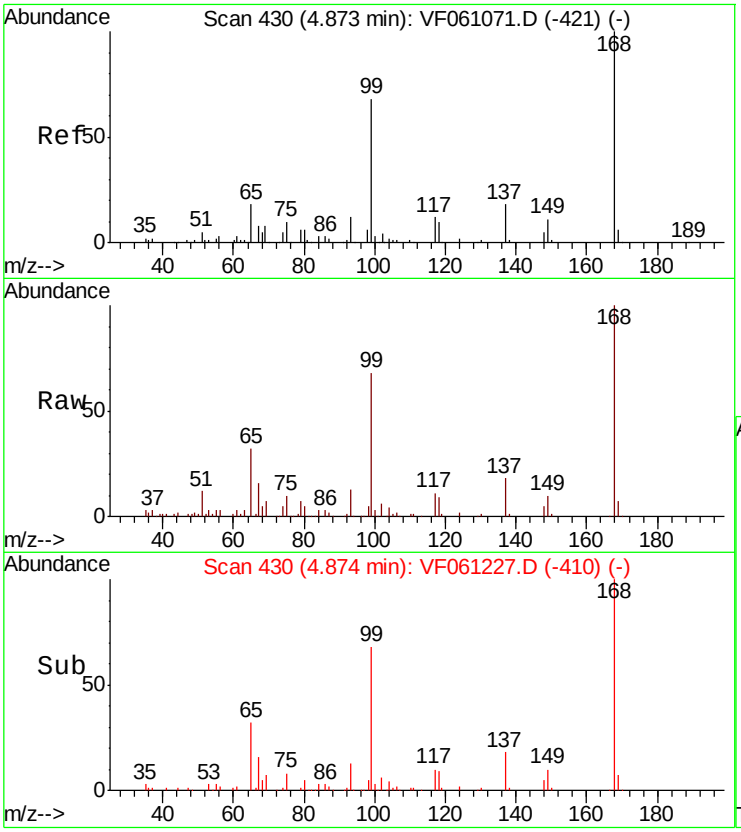
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061227.D
Acq On : 28 Dec 2018 11:01
Operator : VA/AP
Sample : VF1228SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 01:25:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM





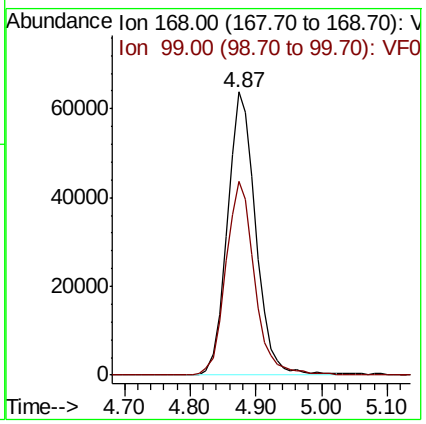
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

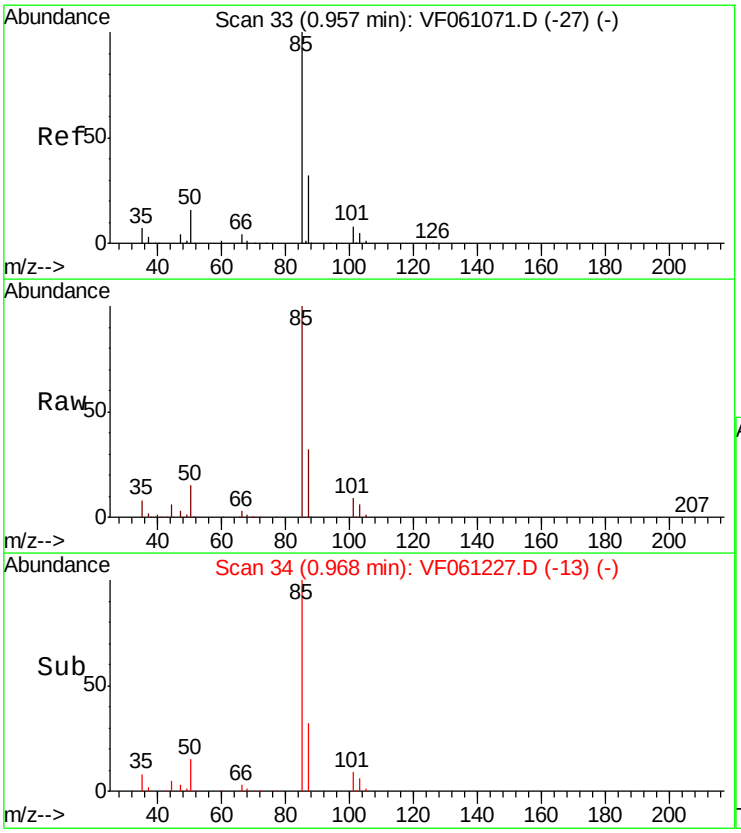
Tgt Ion:168 Resp: 191657

Ion	Ratio	Lower	Upper
168	100		
99	68.3	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

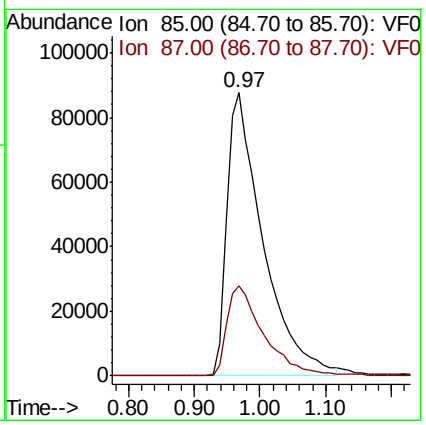


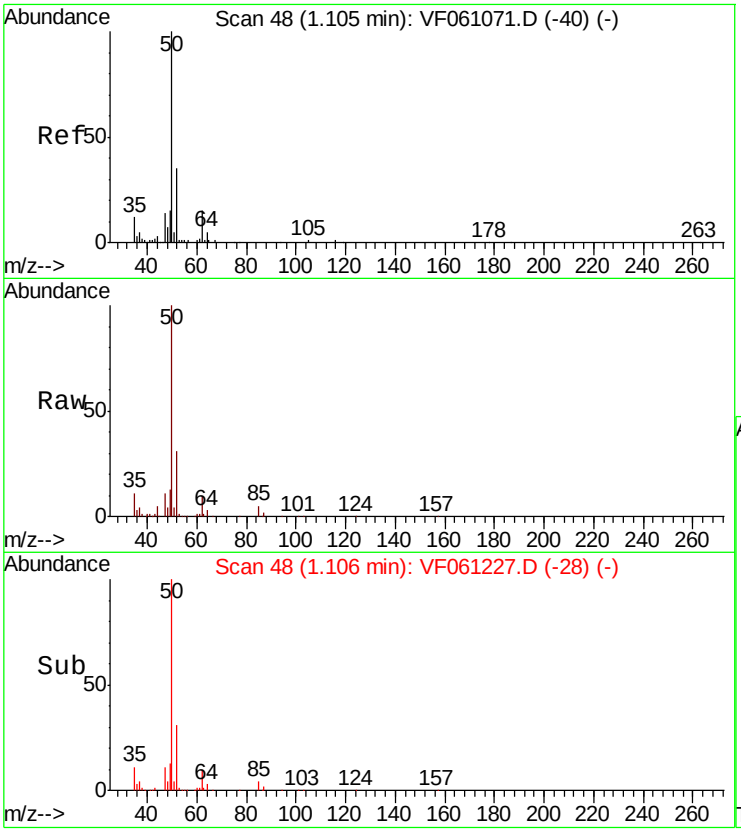


#2
Dichlorodifluoromethane
Concen: 79.214 ug/l
RT: 0.97 min Scan# 34
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 85 Resp: 337485

Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.9	47.6

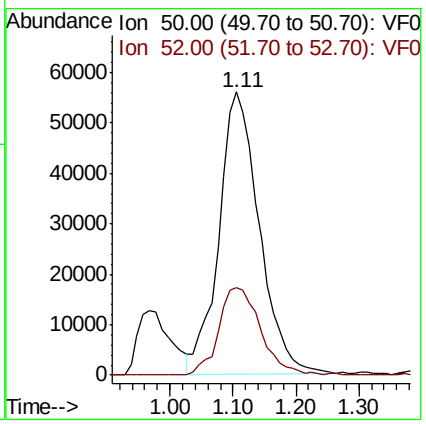




#3
Chloromethane
Concen: 101.259 ug/l
RT: 1.11 min Scan# 48
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

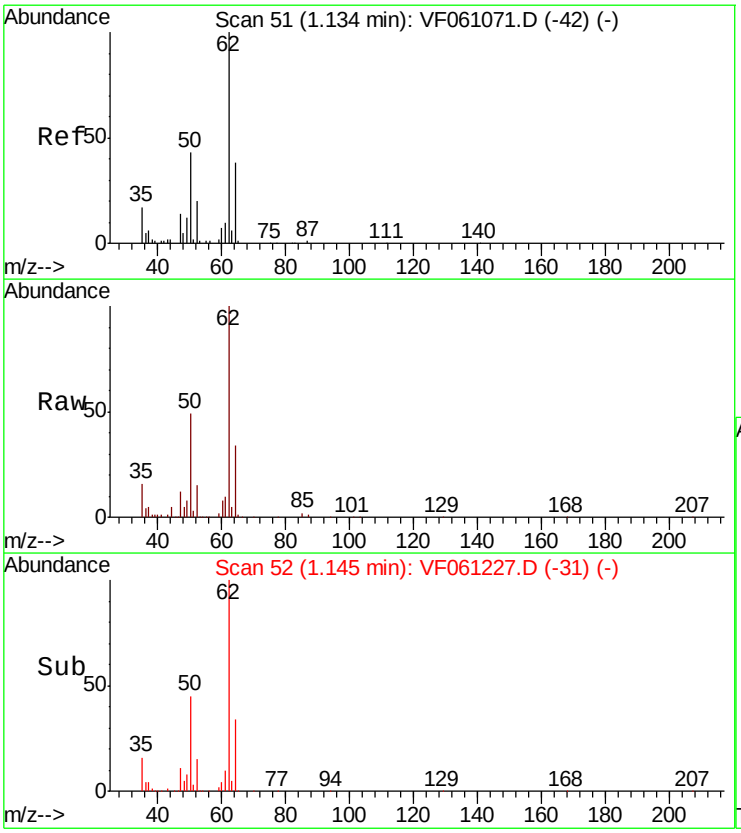
Tgt Ion: 50 Resp: 247117

Ion	Ratio	Lower	Upper
50	100		
52	30.8	26.3	39.5



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

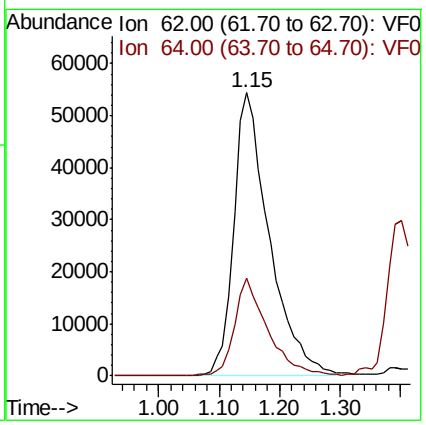
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

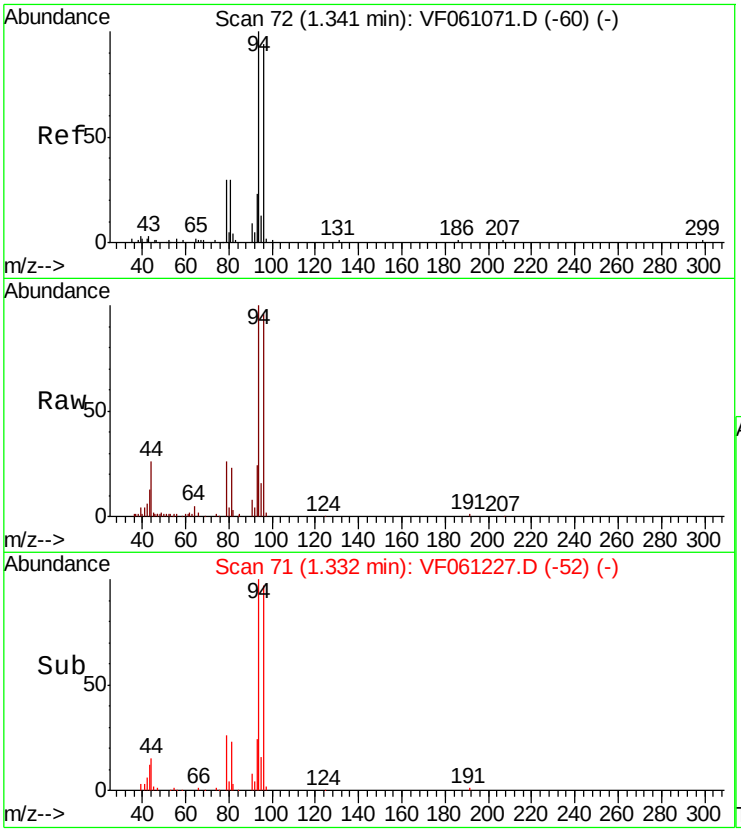


#4
Vinyl Chloride
Concen: 98.525 ug/l
RT: 1.15 min Scan# 52
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 62 Resp: 223049

Ion	Ratio	Lower	Upper
62	100		
64	34.3	30.4	45.6

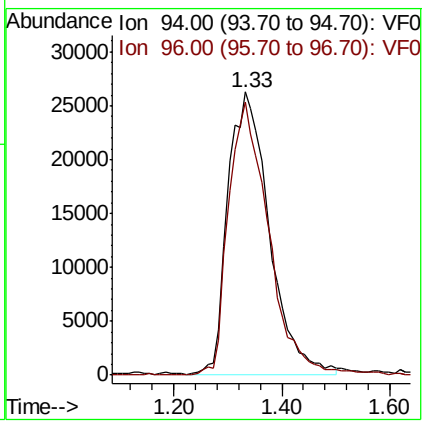




#5
Bromomethane
Concen: 89.230 ug/l
RT: 1.33 min Scan# 71
Delta R.T. -0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

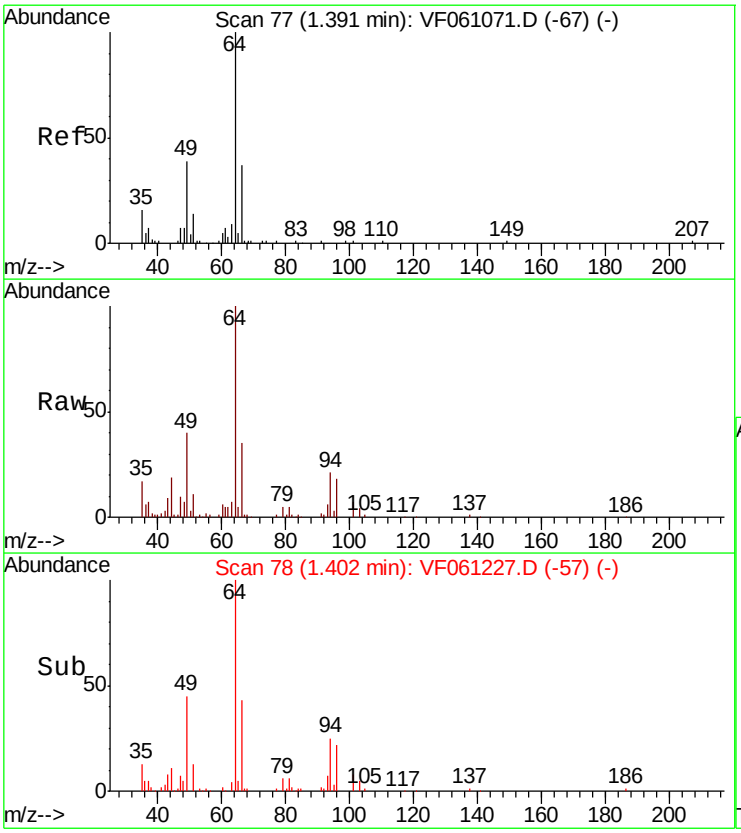
Tgt Ion: 94 Resp: 140112

Ion	Ratio	Lower	Upper
94	100		
96	96.4	74.4	111.6



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

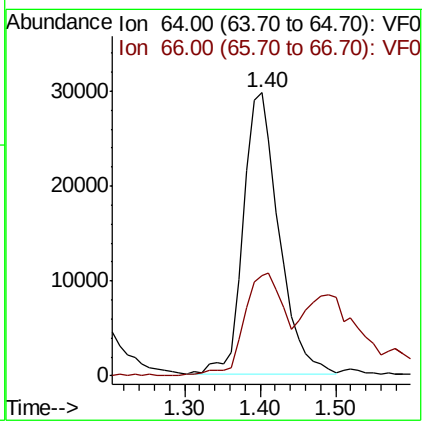
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

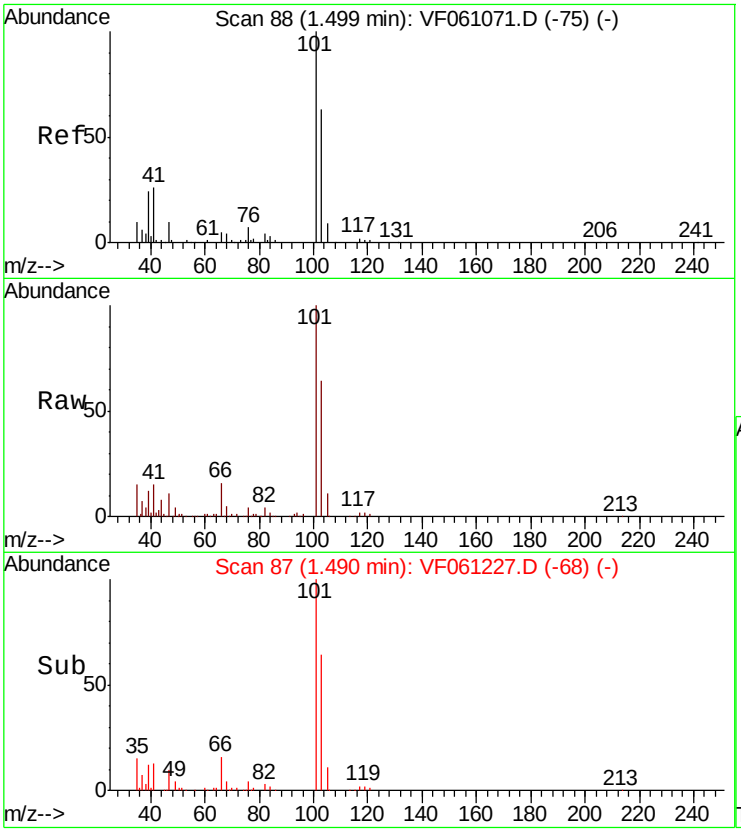


#6
Chloroethane
Concen: 93.916 ug/l
RT: 1.40 min Scan# 78
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 64 Resp: 97968

Ion	Ratio	Lower	Upper
64	100		
66	35.4	30.9	46.3

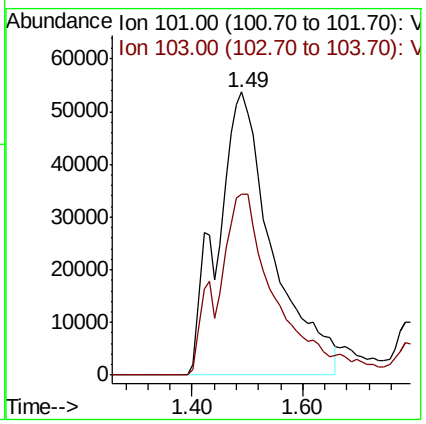




#7
Trichlorofluoromethane
Concen: 85.883 ug/l m
RT: 1.49 min Scan# 87
Delta R.T. -0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

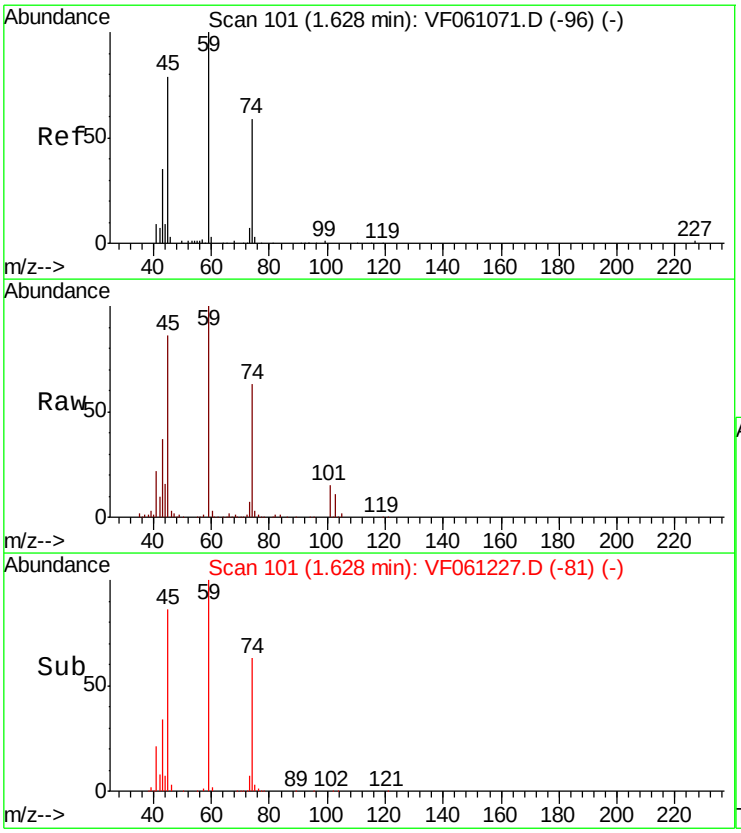
Tgt Ion:101 Resp: 371237

Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.7	76.1



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

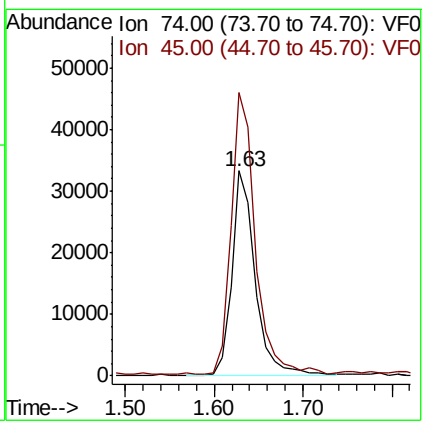
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

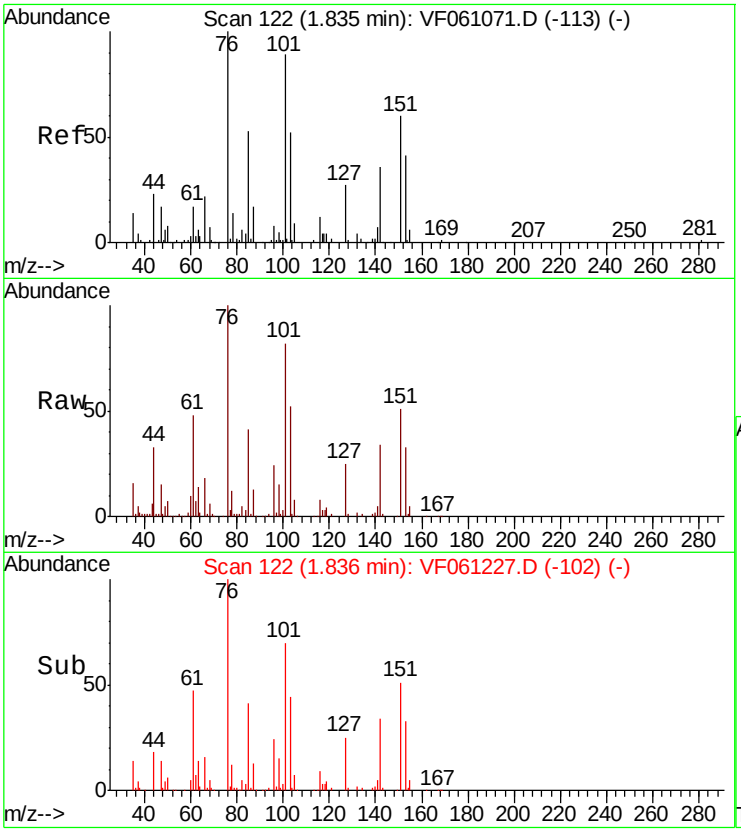


#8
Diethyl Ether
Concen: 103.396 ug/l
RT: 1.63 min Scan# 101
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 74 Resp: 61203

Ion	Ratio	Lower	Upper
74	100		
45	138.0	67.8	203.4





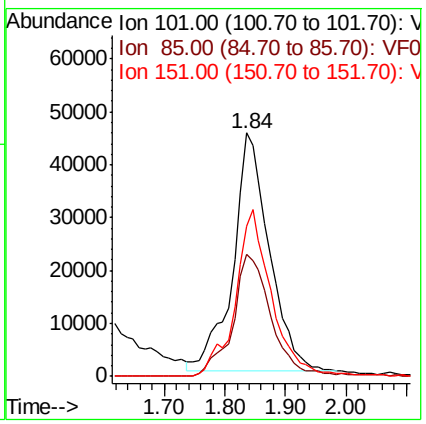
#9
1,1,2-Trichlorotrifluoroethane
Concen: 83.978 ug/l
RT: 1.84 min Scan# 122
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

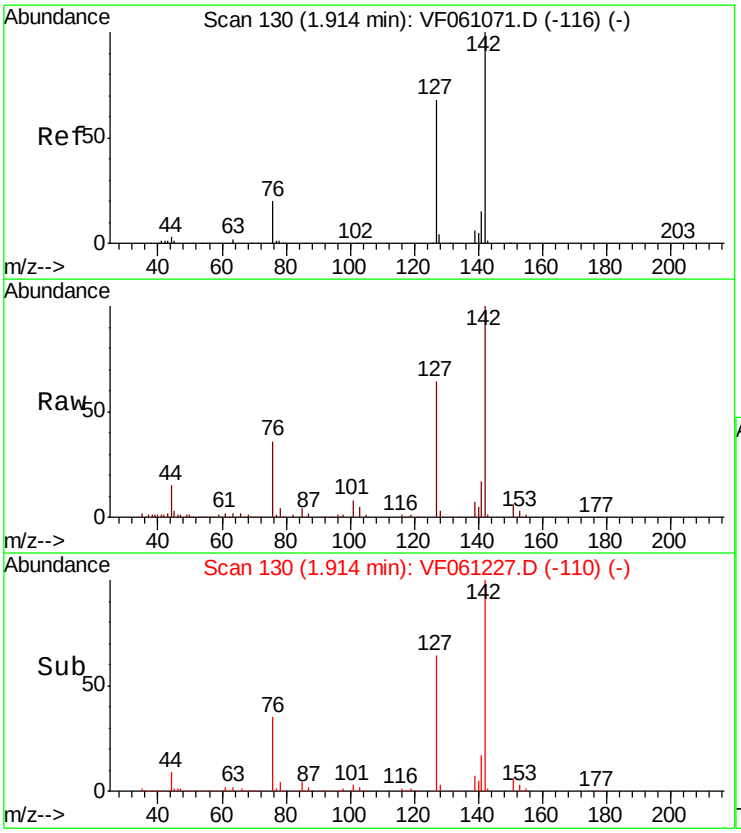
Tgt Ion:101 Resp: 188215

Ion	Ratio	Lower	Upper
101	100		
85	50.3	44.5	66.7
151	61.8	49.9	74.9

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

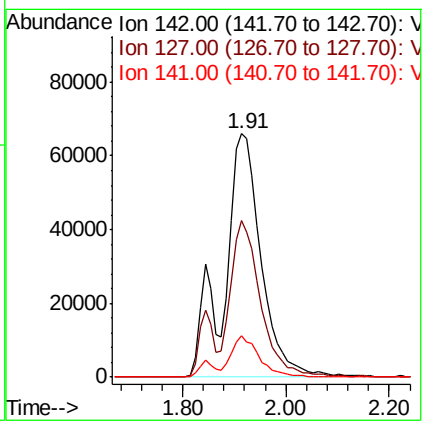


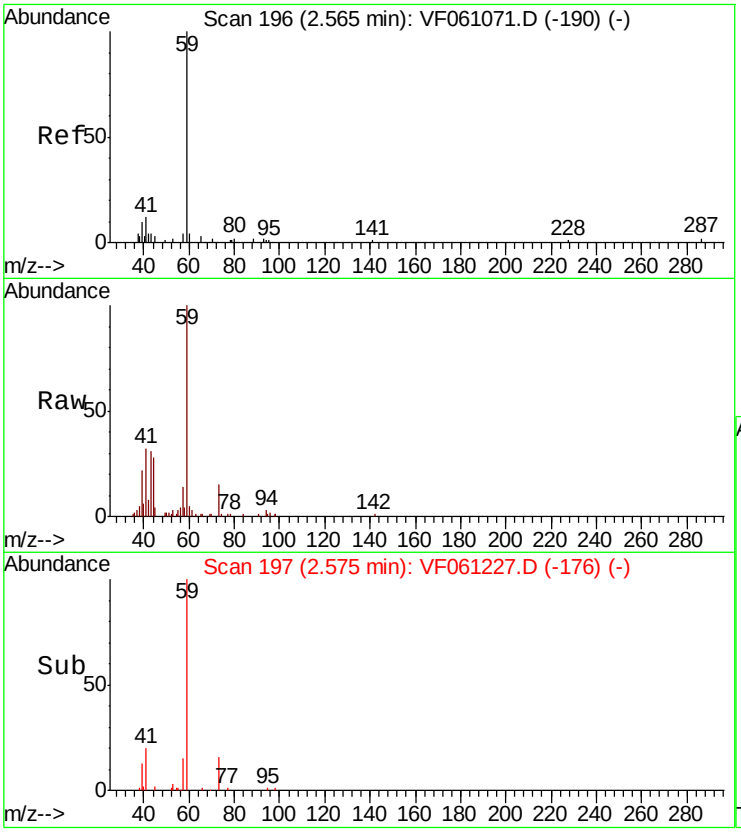


#10
Methyl Iodide
Concen: 92.804 ug/l m
RT: 1.91 min Scan# 130
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:142 Resp: 327864

Ion	Ratio	Lower	Upper
142	100		
127	64.5	54.7	82.1
141	16.8	12.2	18.2





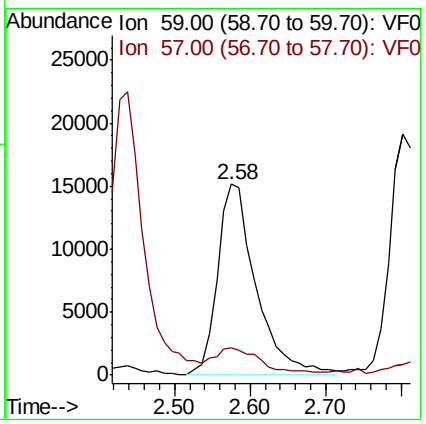
#11
Tert butyl alcohol
Concen: 541.255 ug/l
RT: 2.58 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

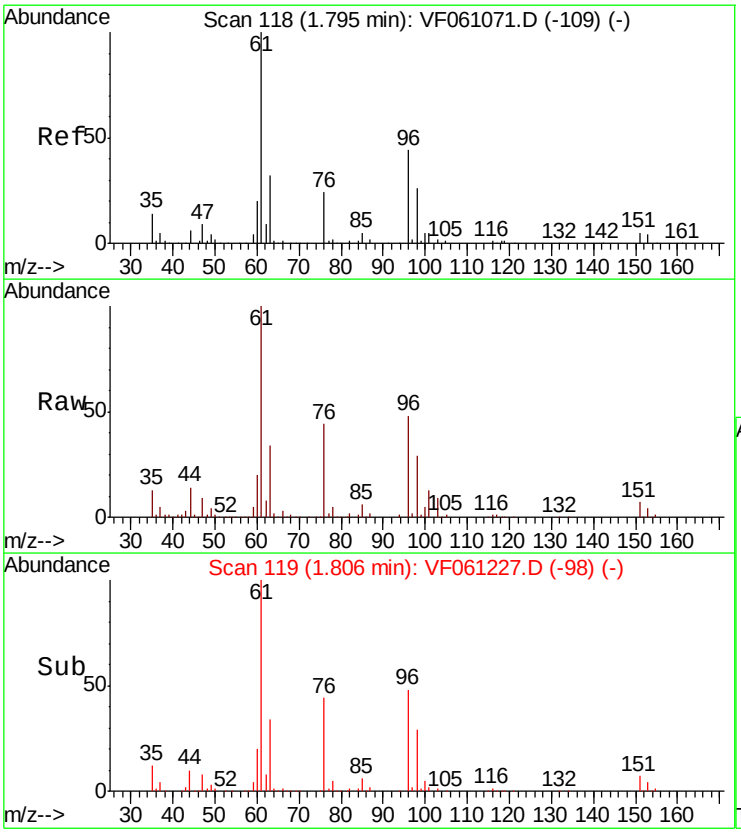
Tgt Ion: 59 Resp: 53841

Ion	Ratio	Lower	Upper
59	100		
57	14.1	11.5	17.3

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

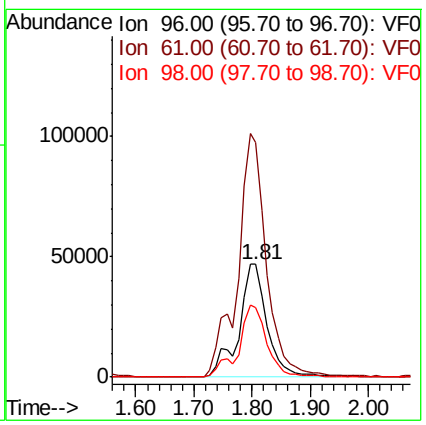


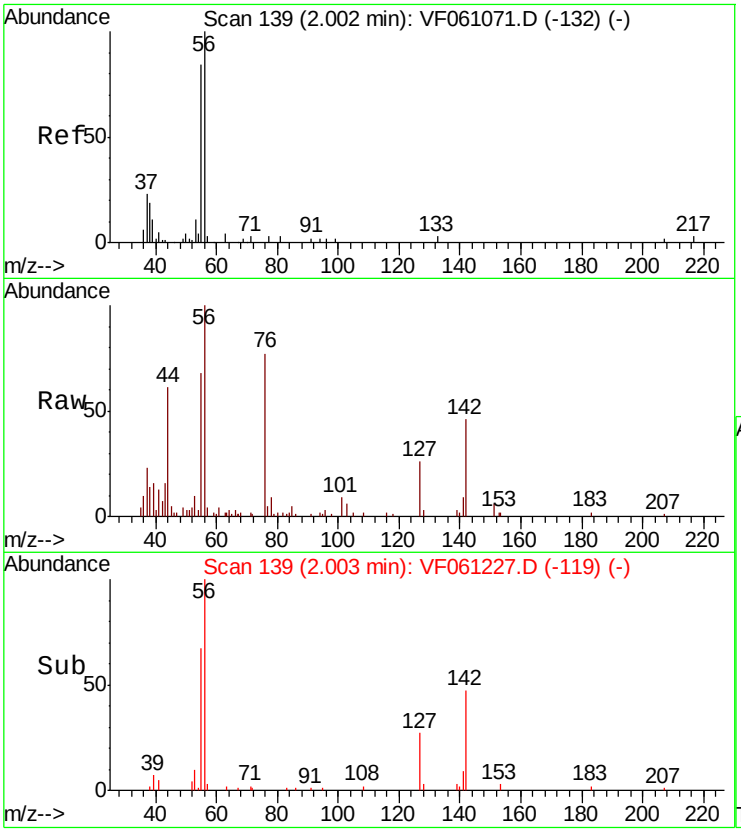


#12
1,1-Dichloroethene
Concen: 94.901 ug/l
RT: 1.81 min Scan# 119
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 96 Resp: 160331

Ion	Ratio	Lower	Upper
96	100		
61	208.9	182.0	273.0
98	61.5	46.5	69.7





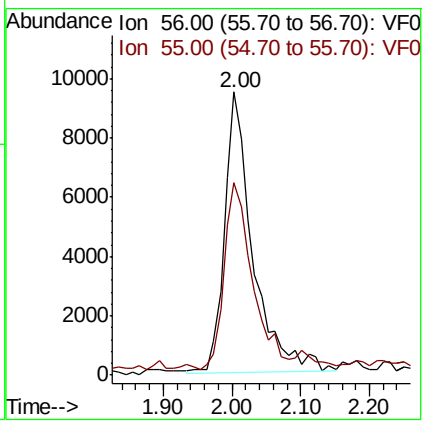
#13
Acrolein
Concen: 373.792 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

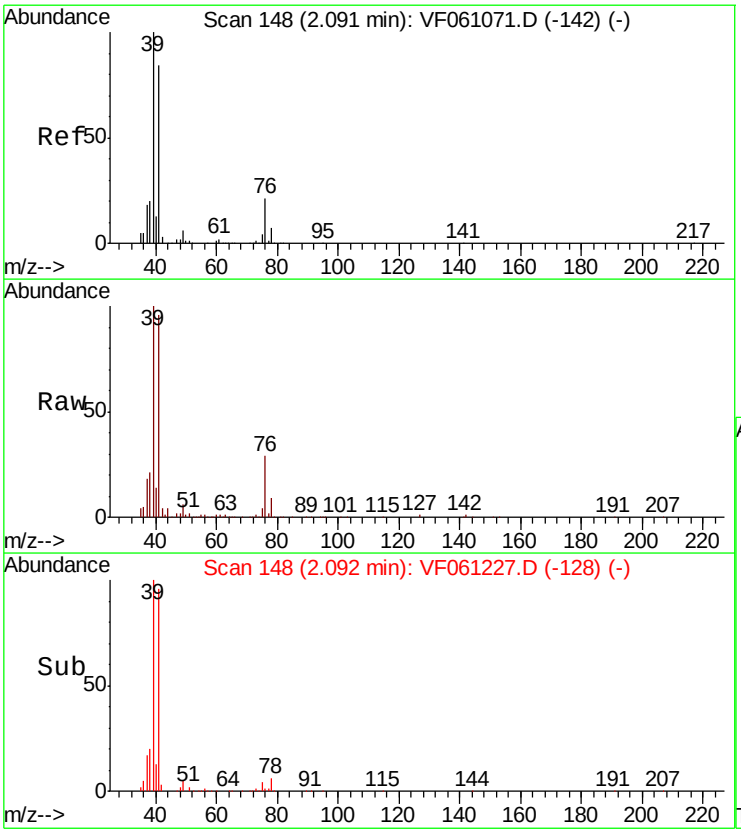
Tgt Ion: 56 Resp: 26868

Ion	Ratio	Lower	Upper
56	100		
55	68.0	70.2	105.2#

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

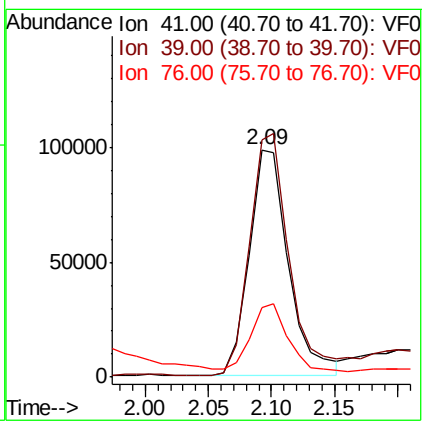


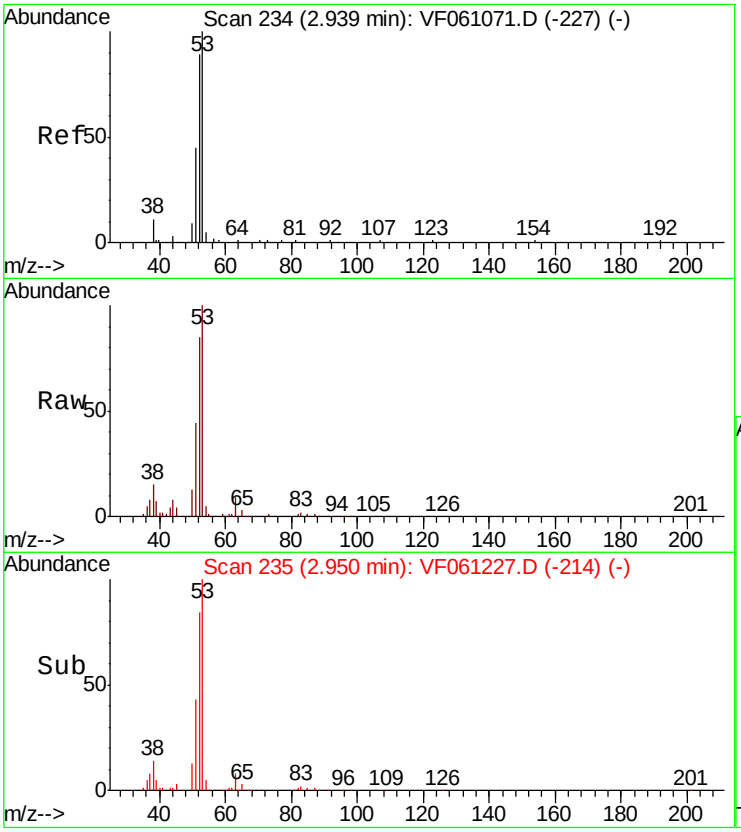


#14
Allyl chloride
Concen: 121.905 ug/l
RT: 2.09 min Scan# 148
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 41 Resp: 214327

Ion	Ratio	Lower	Upper
41	100		
39	104.2	96.4	144.6
76	30.7	25.4	38.0

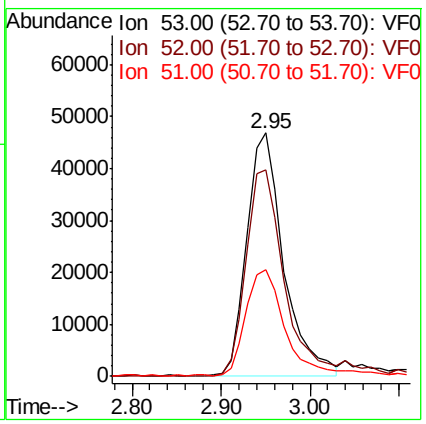




#15
Acrylonitrile
Concen: 584.488 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

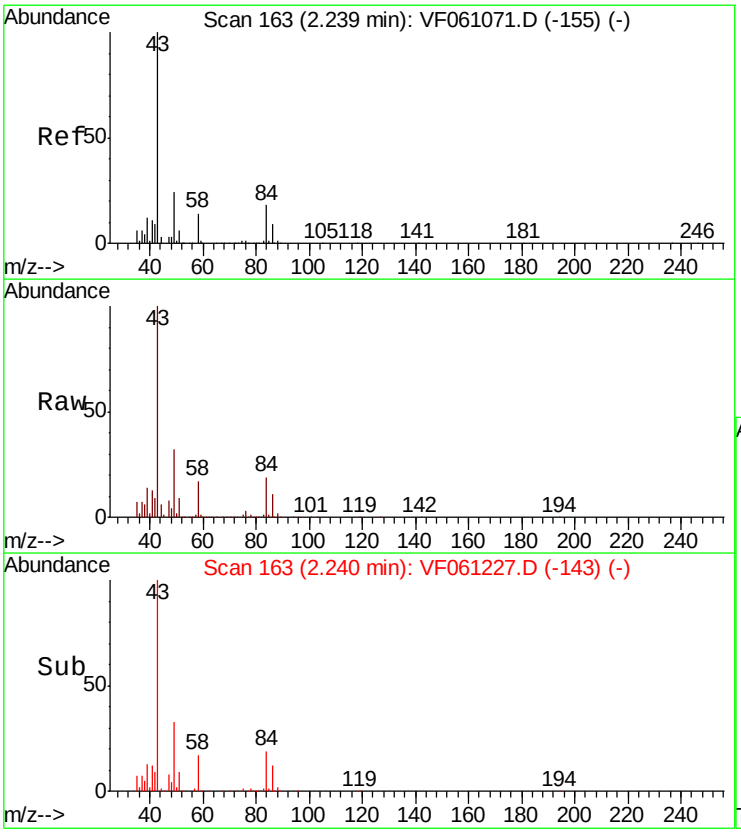
Tgt Ion: 53 Resp: 134446

Ion	Ratio	Lower	Upper
53	100		
52	84.6	71.3	106.9
51	43.8	36.8	55.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

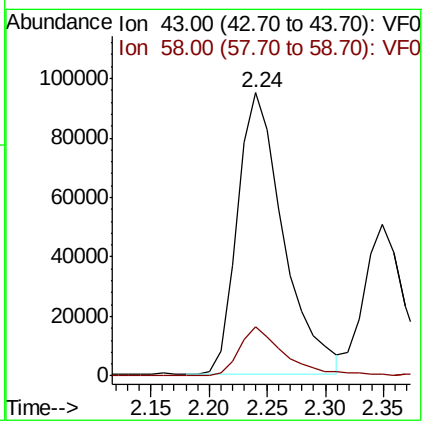
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

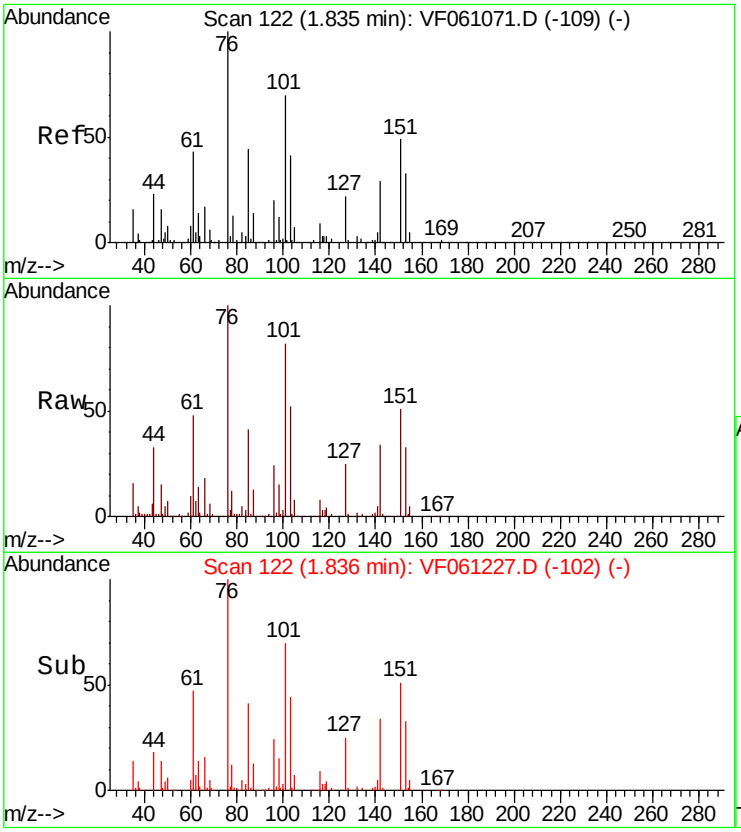


#16
Acetone
Concen: 525.846 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 43 Resp: 259131

Ion	Ratio	Lower	Upper
43	100		
58	17.2	11.1	16.7#





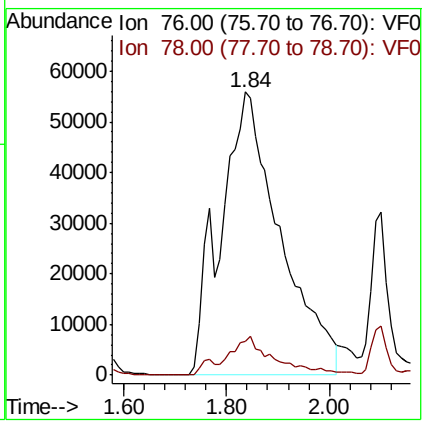
#17
Carbon Disulfide
Concen: 88.875 ug/l m
RT: 1.84 min Scan# 122
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

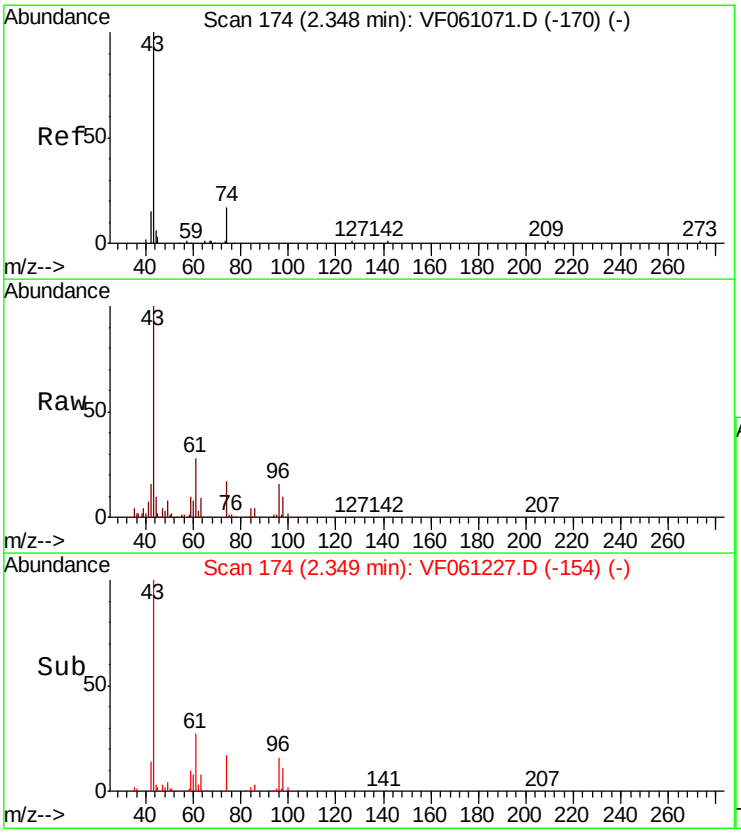
Tgt Ion: 76 Resp: 453756

Ion	Ratio	Lower	Upper
76	100		
78	12.1	10.2	15.4

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

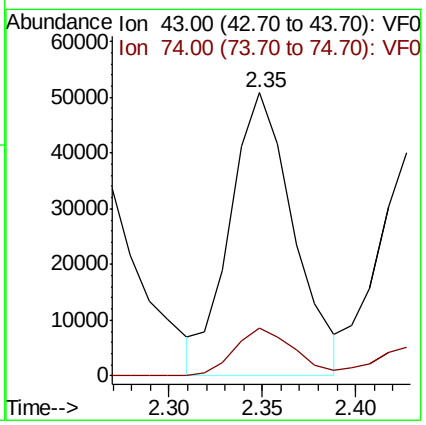


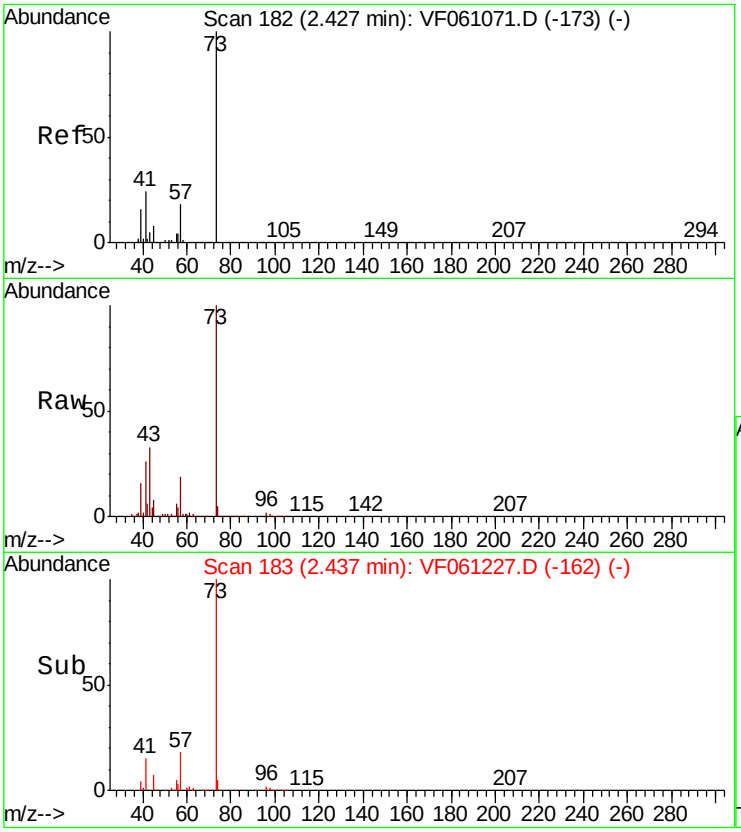


#18
Methyl Acetate
Concen: 118.738 ug/l m
RT: 2.35 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 43 Resp: 121058

Ion	Ratio	Lower	Upper
43	100		
74	17.1	11.0	16.6#

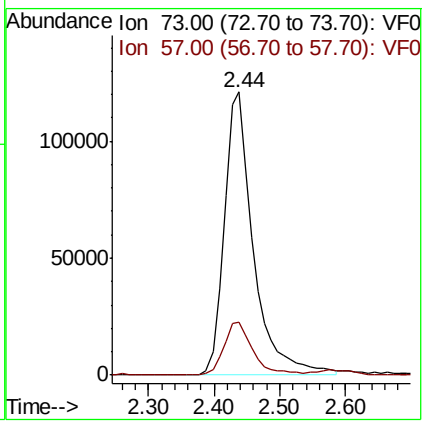




#19
Methyl tert-butyl Ether
Concen: 99.833 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

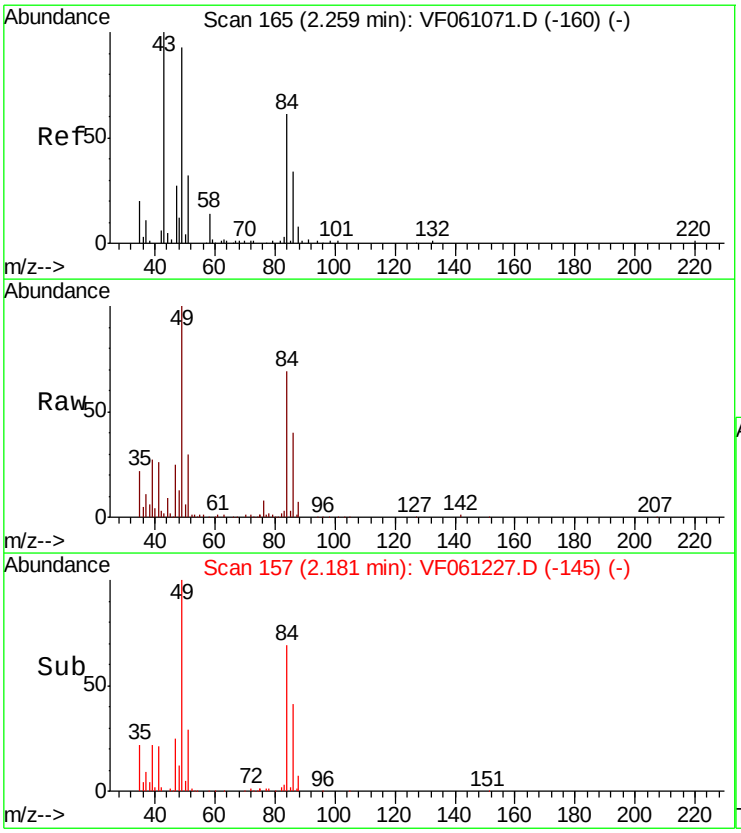
Tgt Ion: 73 Resp: 374374

Ion	Ratio	Lower	Upper
73	100		
57	18.6	14.5	21.7



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

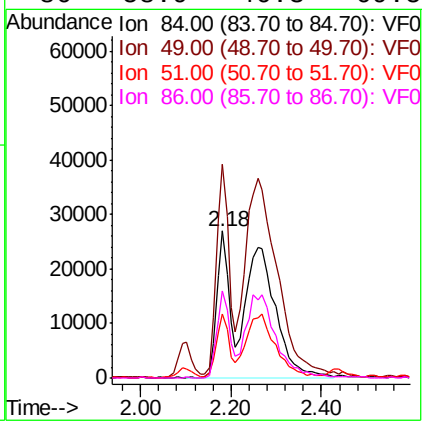
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

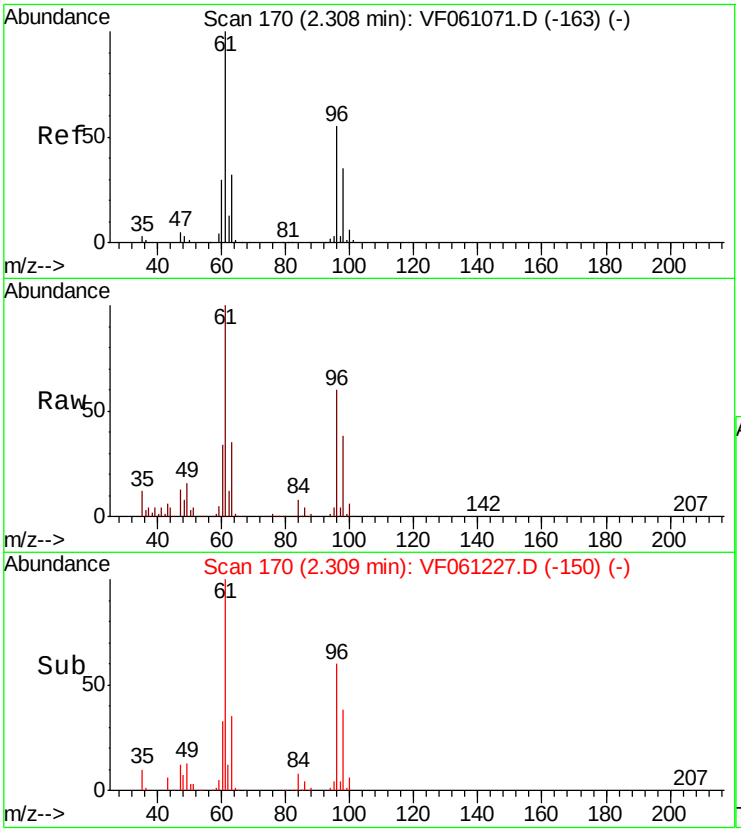


#20
Methylene Chloride
Concen: 108.678 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.08 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 84 Resp: 162836

Ion	Ratio	Lower	Upper
84	100		
49	145.4	129.4	194.2
51	43.3	44.0	66.0#
86	58.9	46.3	69.5

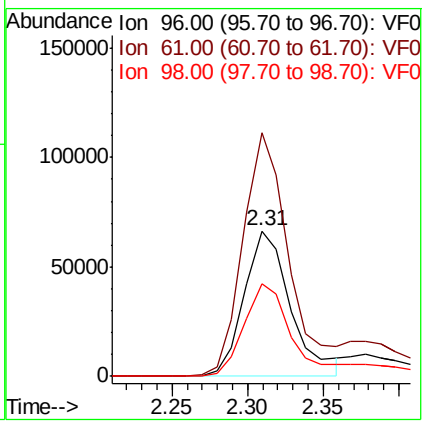




#21
trans-1,2-Dichloroethene
Concen: 79.007 ug/l
RT: 2.31 min Scan# 170
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

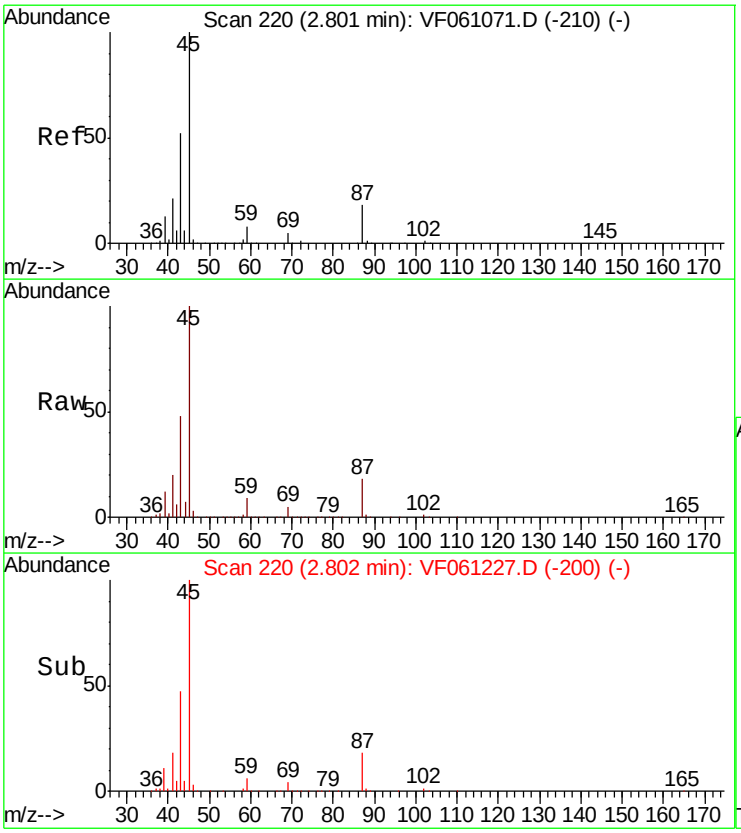
Tgt Ion: 96 Resp: 142763

Ion	Ratio	Lower	Upper
96	100		
61	167.3	146.0	219.0
98	63.9	51.6	77.4



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

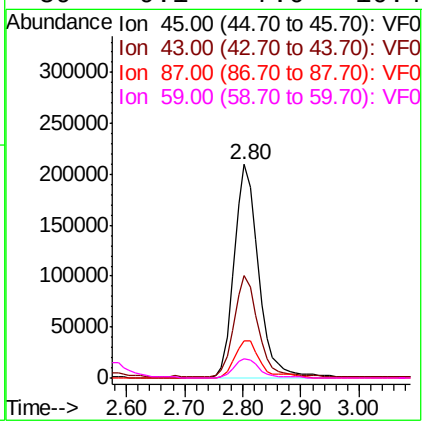
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

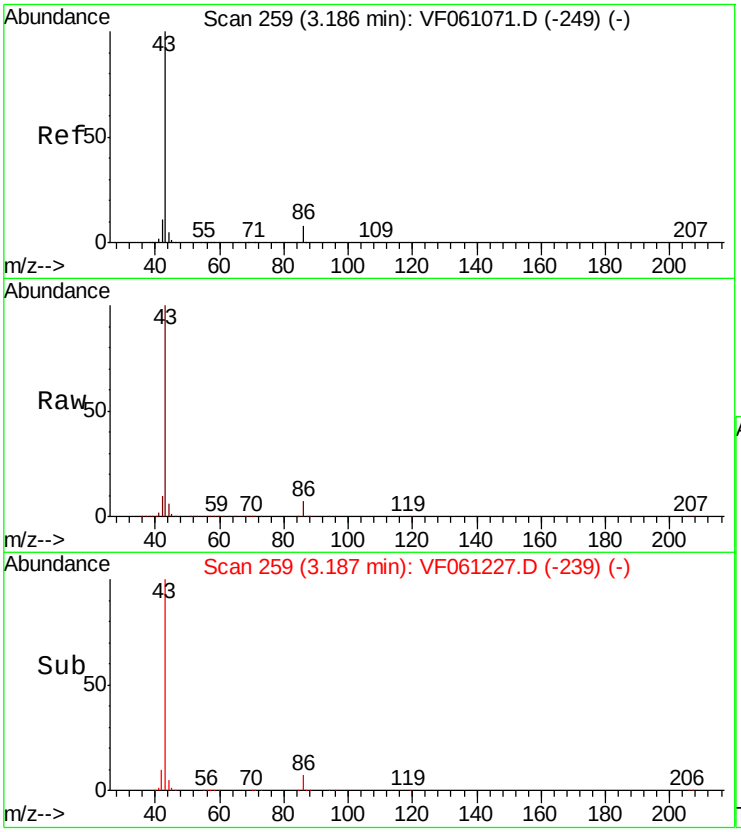


#22
Diisopropyl ether
Concen: 104.944 ug/l
RT: 2.80 min Scan# 220
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 45 Resp: 614597

Ion	Ratio	Lower	Upper
45	100		
43	48.1	42.2	63.2
87	17.6	14.6	22.0
59	9.1	7.0	10.4

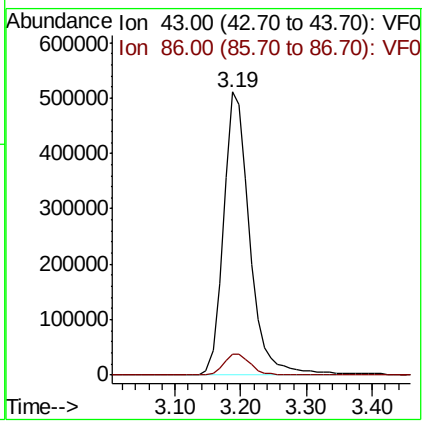




#23
Vinyl Acetate
Concen: 522.620 ug/l
RT: 3.19 min Scan# 259
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

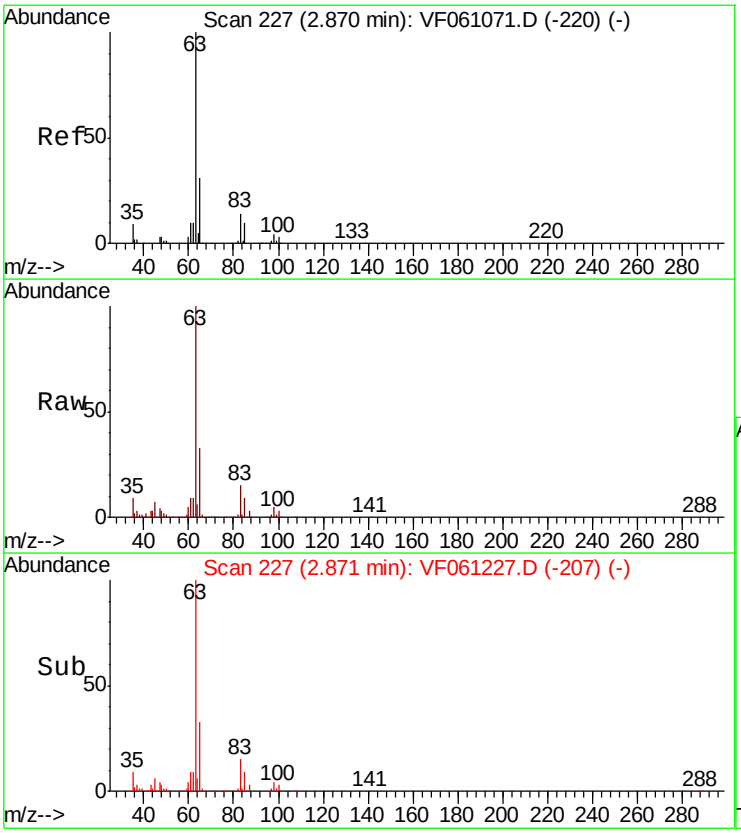
Tgt Ion: 43 Resp: 1411966

Ion	Ratio	Lower	Upper
43	100		
86	7.4	6.3	9.5



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

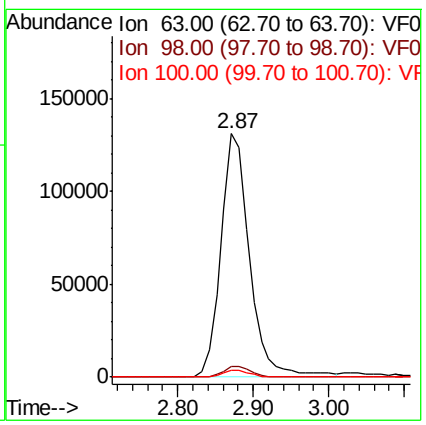
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

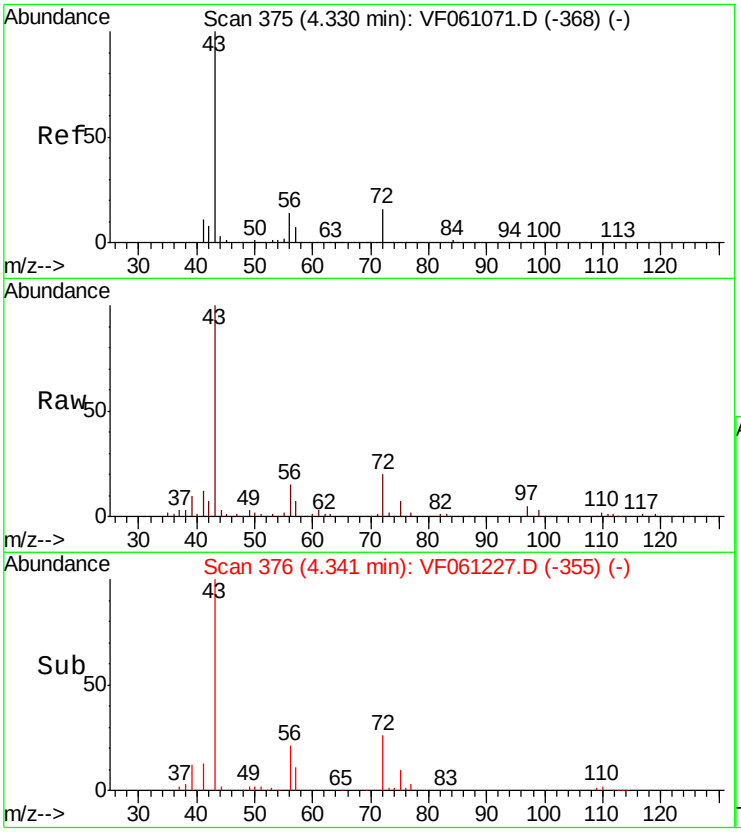


#24
1,1-Dichloroethane
Concen: 99.075 ug/l
RT: 2.87 min Scan# 227
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 63 Resp: 343783

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.5
100	2.9	1.7	5.1

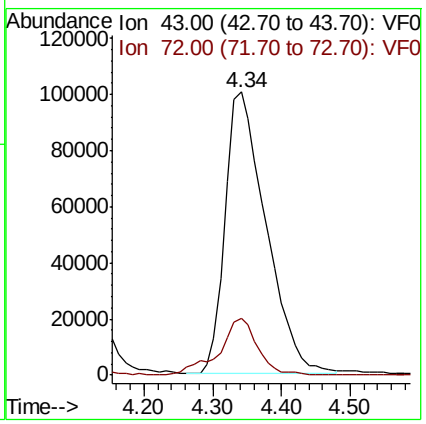




#25
2-Butanone
Concen: 515.516 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

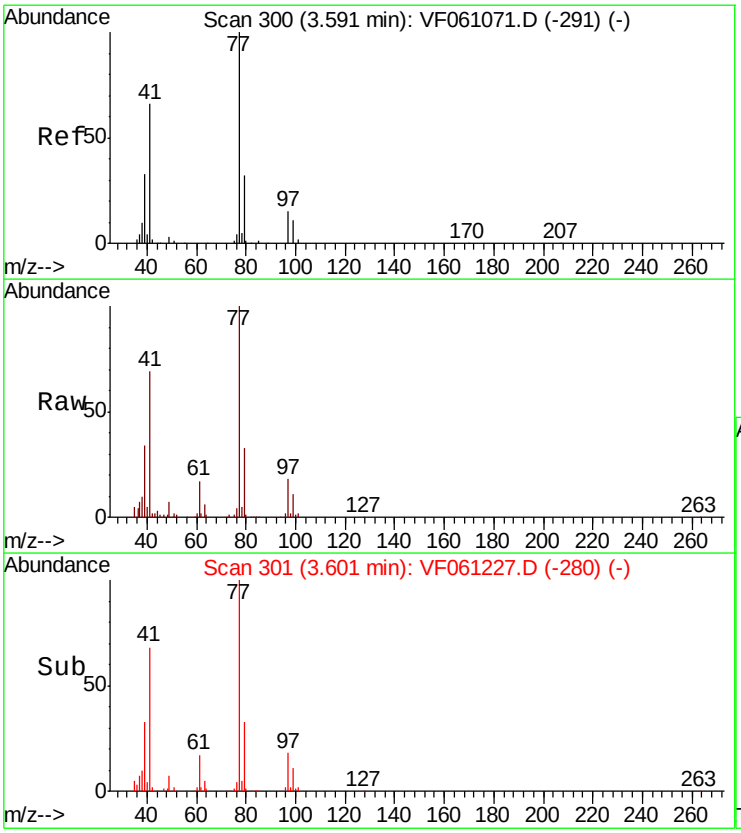
Tgt Ion: 43 Resp: 412005

Ion	Ratio	Lower	Upper
43	100		
72	20.1	15.6	23.4



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

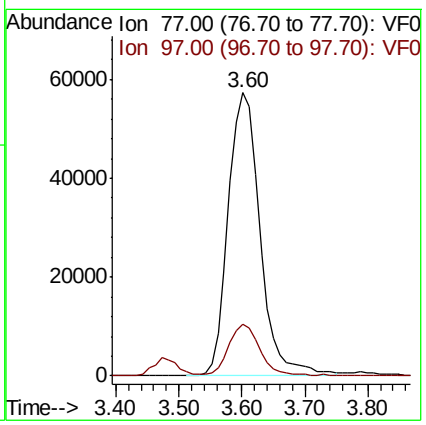
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

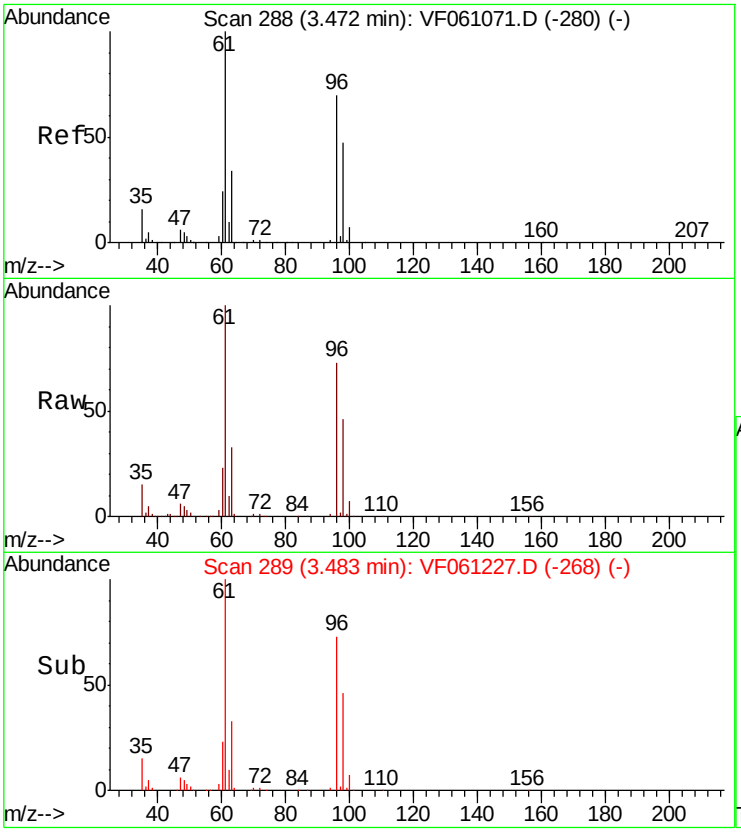


#26
2,2-Dichloropropane
Concen: 101.117 ug/l
RT: 3.60 min Scan# 301
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 77 Resp: 201355

Ion	Ratio	Lower	Upper
77	100		
97	18.1	8.2	24.4

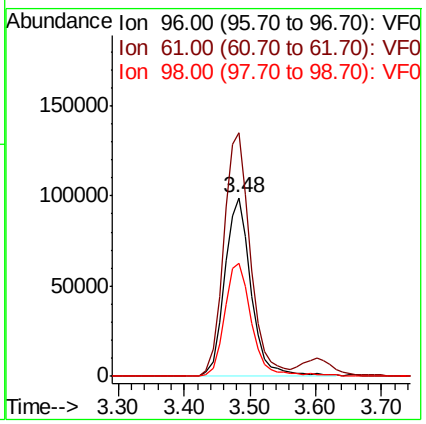




#27
cis-1,2-Dichloroethene
Concen: 100.689 ug/l
RT: 3.48 min Scan# 289
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

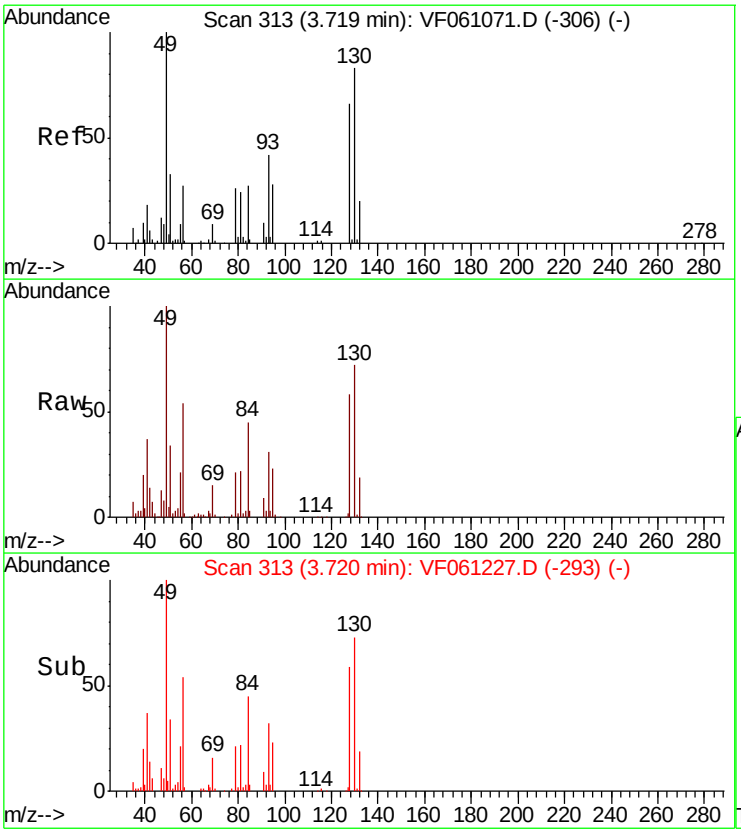
Tgt Ion: 96 Resp: 278539

Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	287.8
98	63.2	0.0	134.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

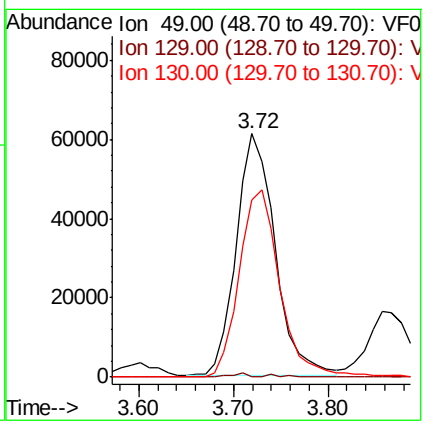
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

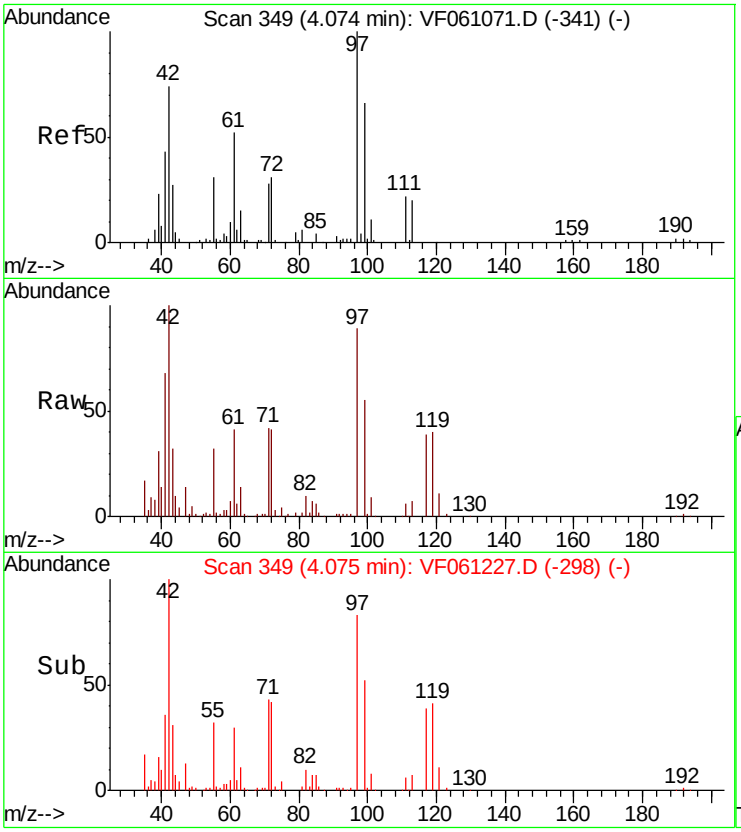


#28
Bromochloromethane
Concen: 99.588 ug/l
RT: 3.72 min Scan# 313
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 49 Resp: 175338

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	72.5	65.8	98.6

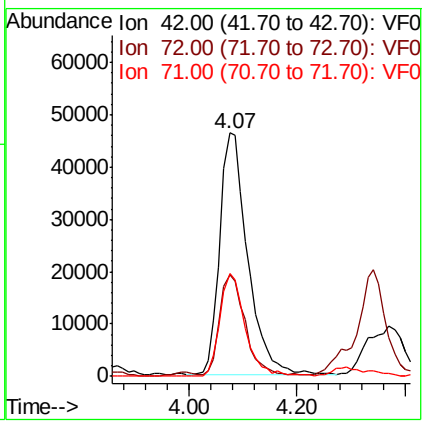




#29
Tetrahydrofuran
Concen: 512.573 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

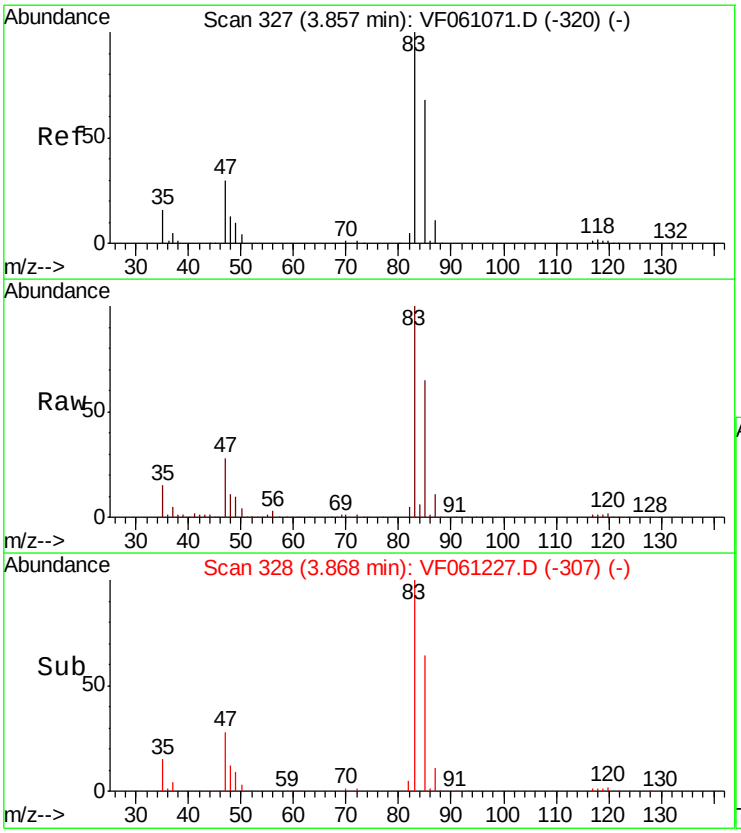
Tgt Ion: 42 Resp: 166733

Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.8	47.8
71	38.4	29.7	44.5



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

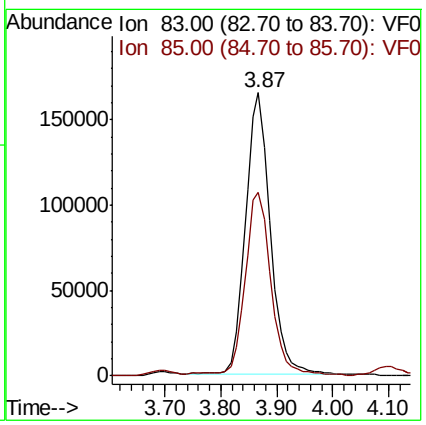
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

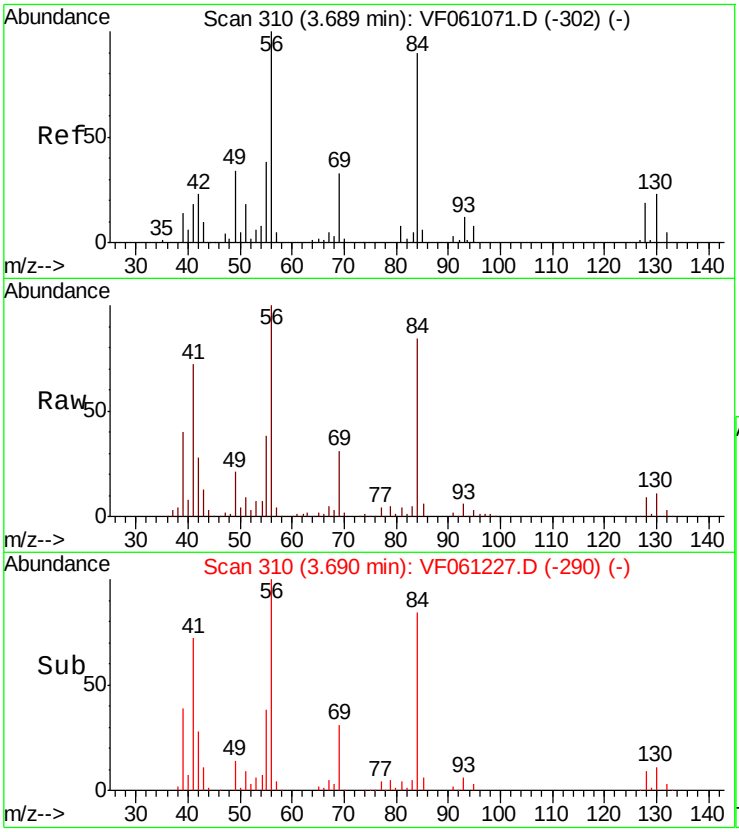


#30
Chloroform
Concen: 96.875 ug/l
RT: 3.87 min Scan# 328
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 83 Resp: 504030

Ion	Ratio	Lower	Upper
83	100		
85	64.7	54.5	81.7

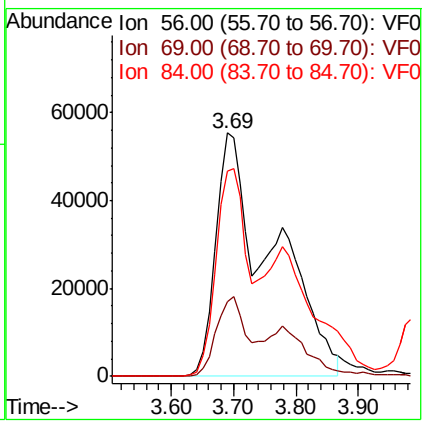




#31
Cyclohexane
Concen: 96.756 ug/l m
RT: 3.69 min Scan# 310
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

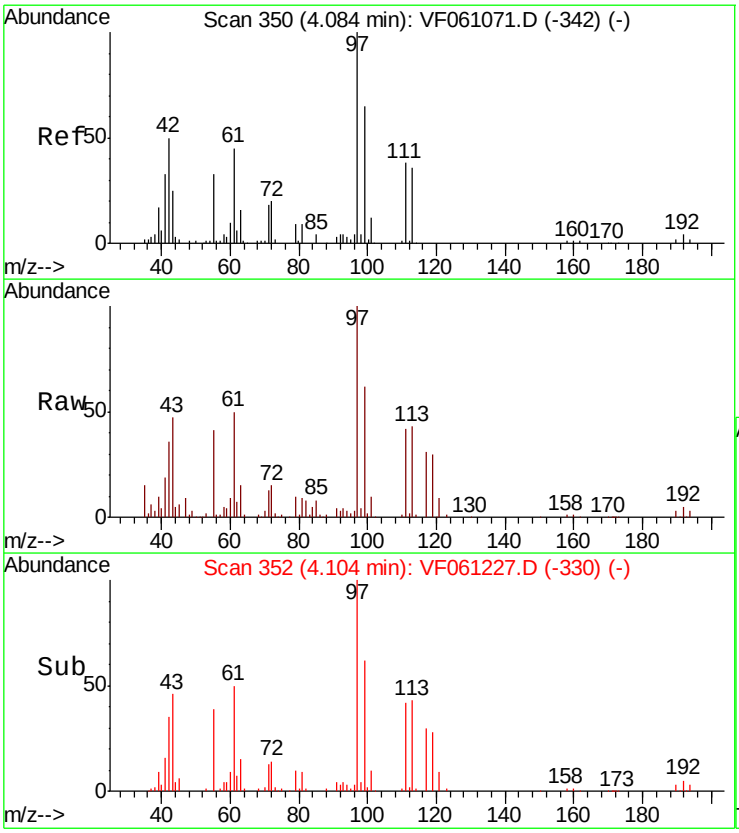
Tgt Ion: 56 Resp: 348382

Ion	Ratio	Lower	Upper
56	100		
69	30.6	26.0	39.0
84	84.1	71.4	107.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

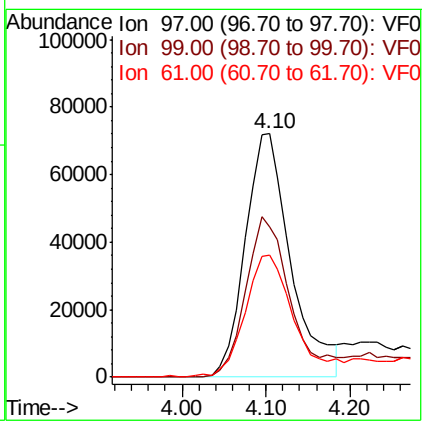
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

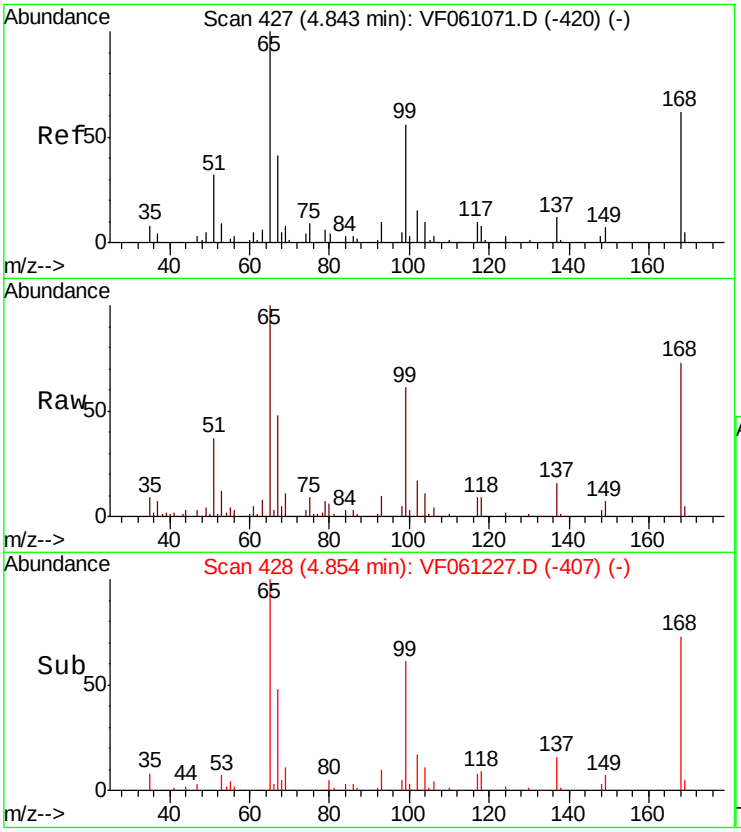


#32
1,1,1-Trichloroethane
Concen: 87.693 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.02 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 97 Resp: 273470

Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.6	77.4
61	50.2	36.2	54.2

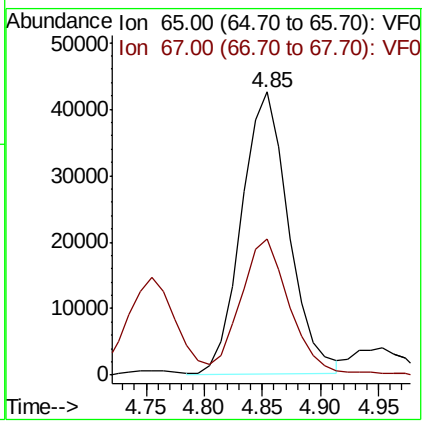




#33
1,2-Dichloroethane-d4
Concen: 48.330 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

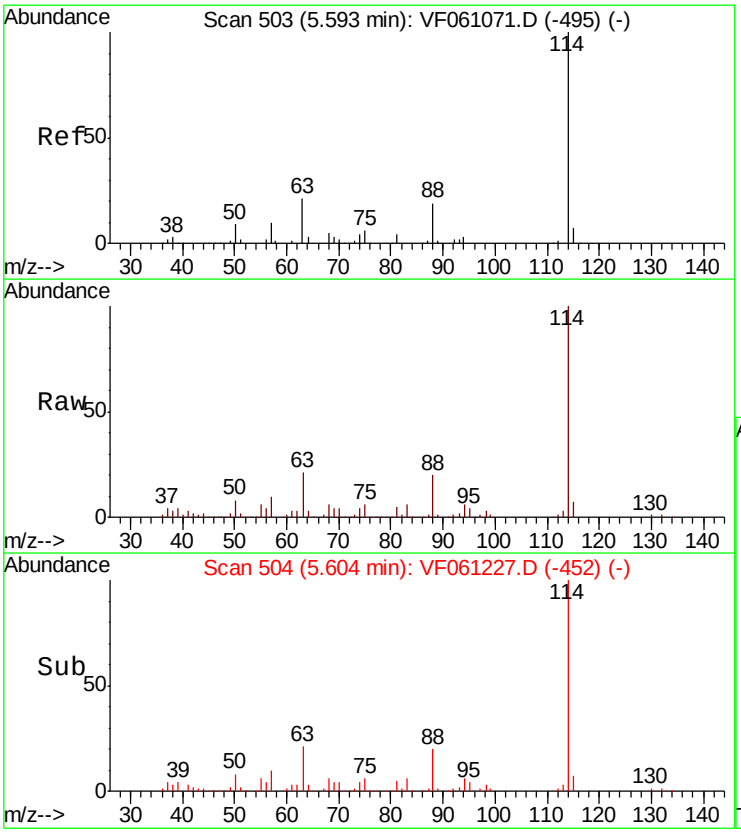
Tgt Ion: 65 Resp: 119135

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	94.6



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

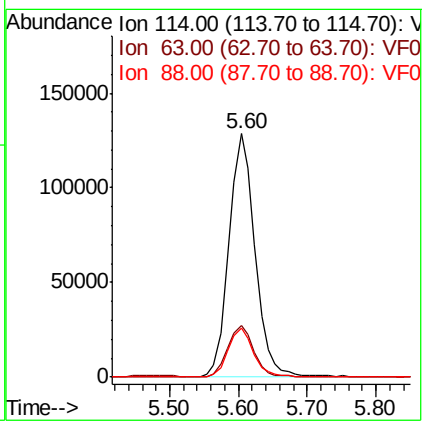
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

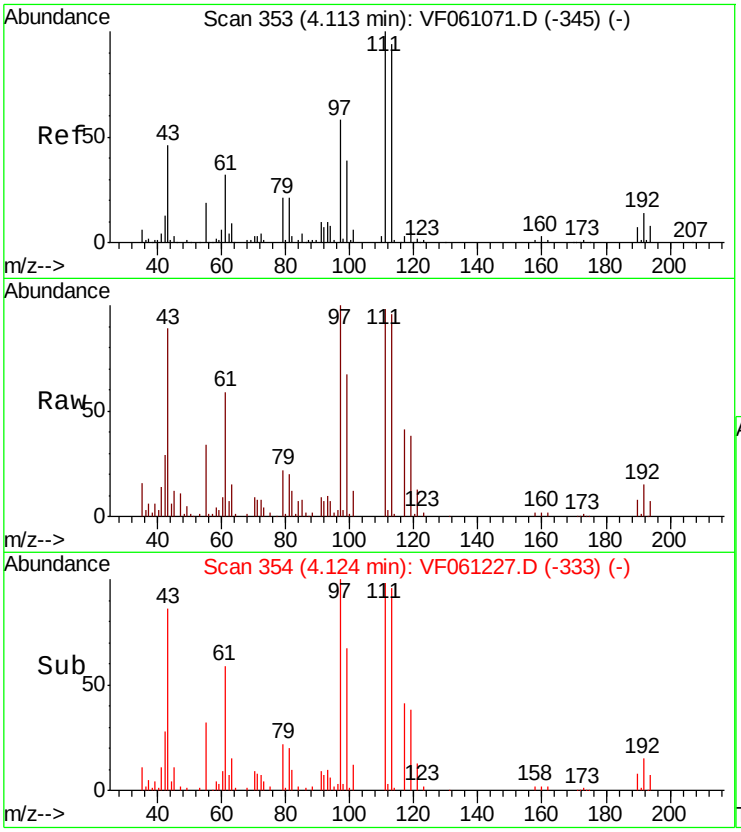


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:114 Resp: 338674

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	20.0	0.0	38.0

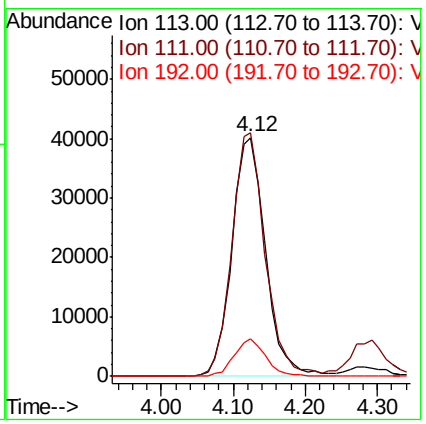




#35
Dibromofluoromethane
Concen: 48.306 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

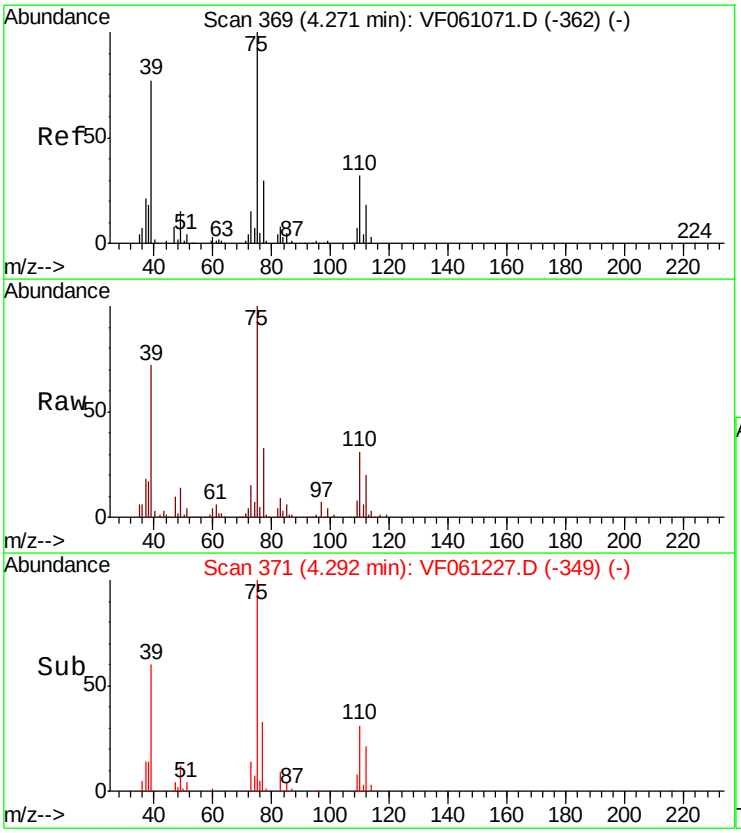
Tgt Ion:113 Resp: 131054

Ion	Ratio	Lower	Upper
113	100		
111	101.9	85.2	127.8
192	15.7	12.8	19.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

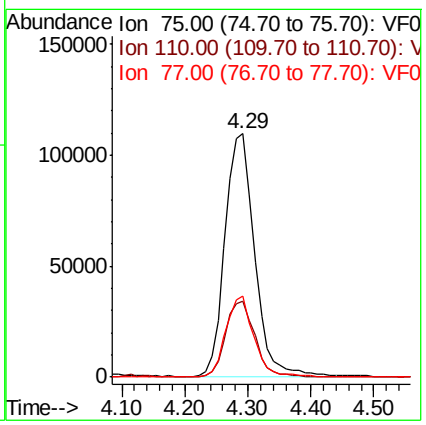
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

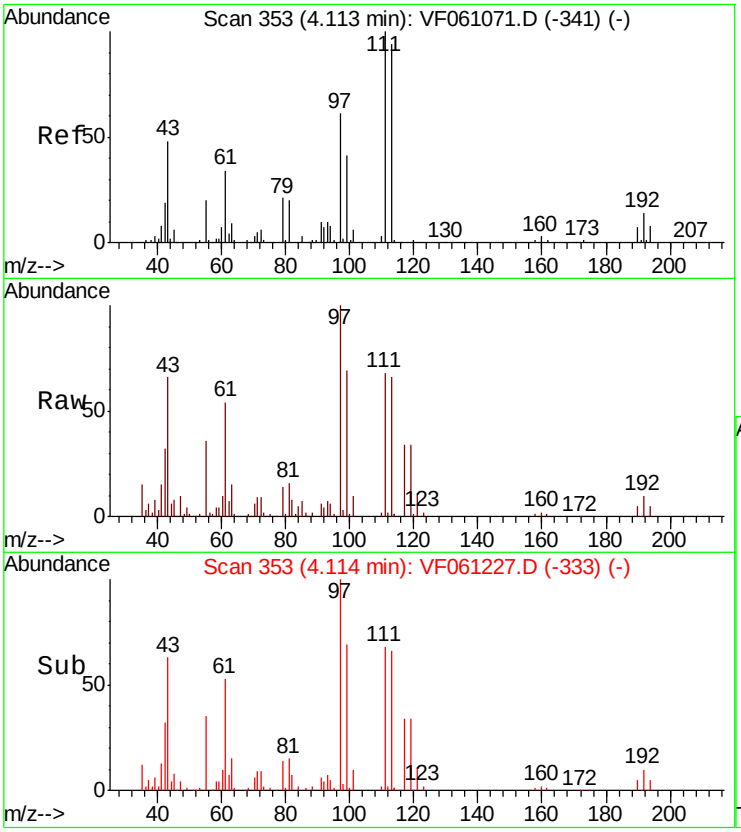


#36
1,1-Dichloropropene
Concen: 86.804 ug/l
RT: 4.29 min Scan# 371
Delta R.T. 0.02 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 75 Resp: 354855

Ion	Ratio	Lower	Upper
75	100		
110	31.0	16.1	48.2
77	33.0	24.5	36.7

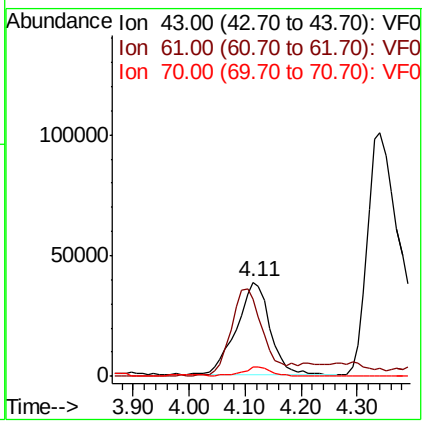




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

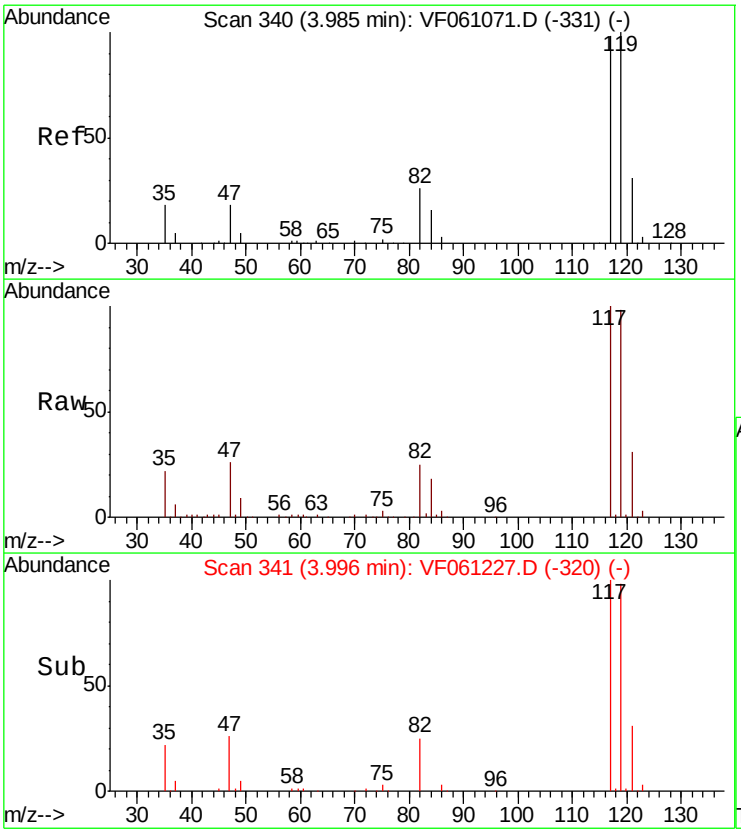
Tgt Ion: 43 Resp: 158505

Ion	Ratio	Lower	Upper
43	100		
61	81.9	56.6	84.8
70	9.5	6.3	9.5



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

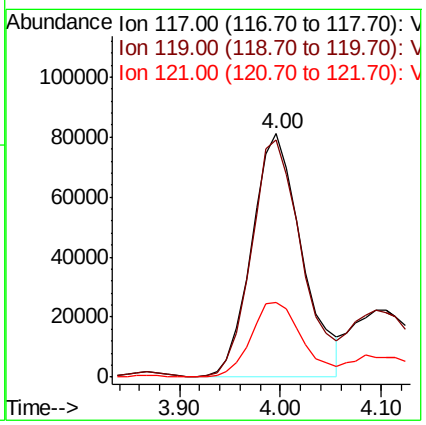
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

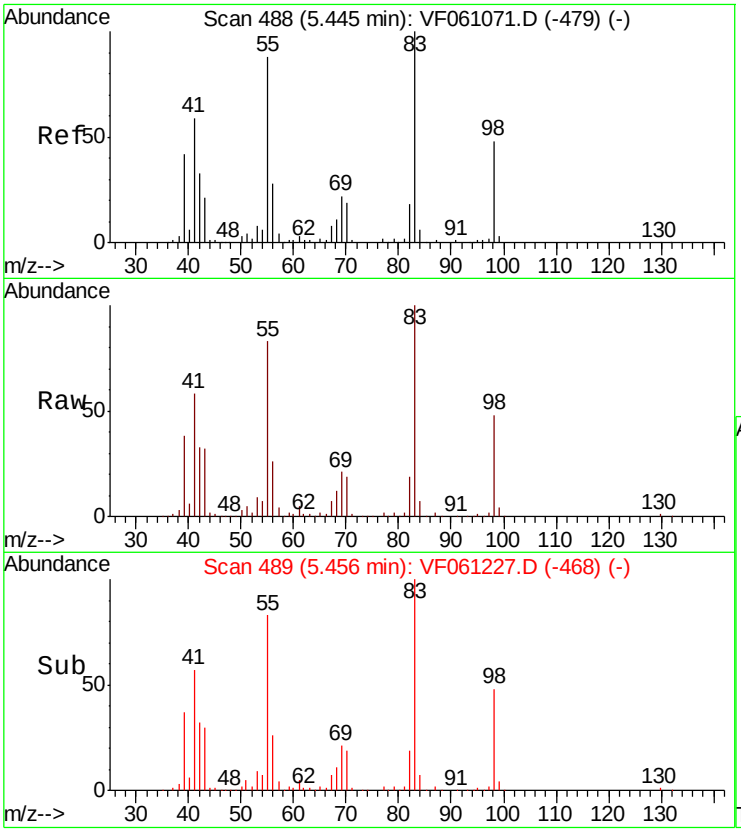


#38
Carbon Tetrachloride
Concen: 89.576 ug/l
RT: 4.00 min Scan# 341
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:117 Resp: 278867

Ion	Ratio	Lower	Upper
117	100		
119	97.5	82.1	123.1
121	30.5	25.5	38.3

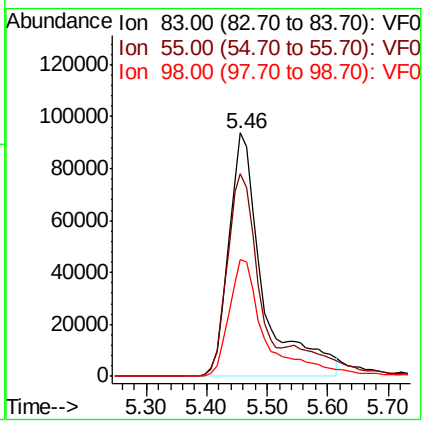




#39
Methylcyclohexane
Concen: 100.842 ug/l
RT: 5.46 min Scan# 489
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

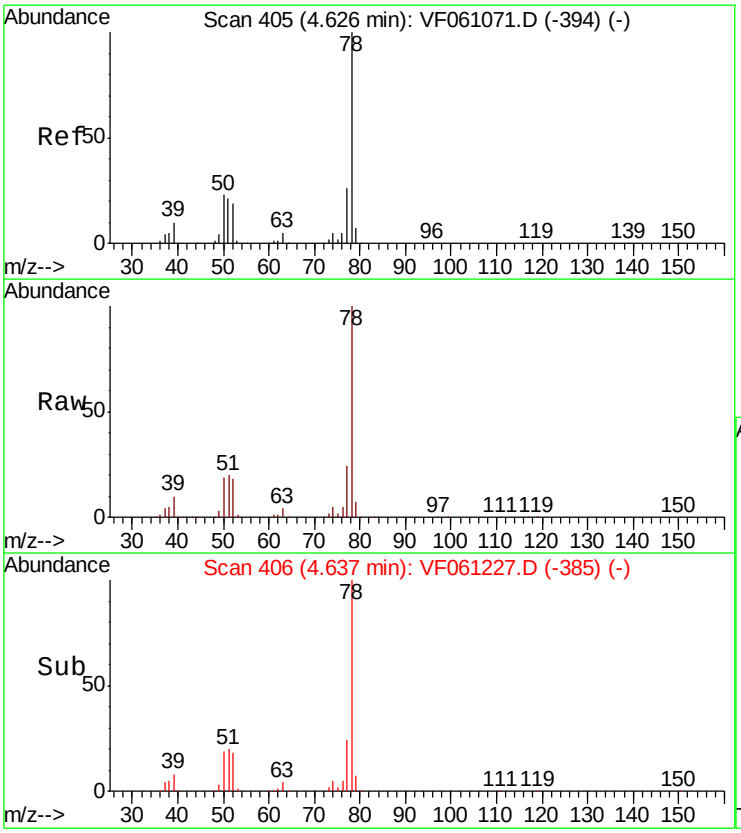
Tgt Ion: 83 Resp: 369837

Ion	Ratio	Lower	Upper
83	100		
55	83.0	70.6	105.8
98	47.8	38.5	57.7



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

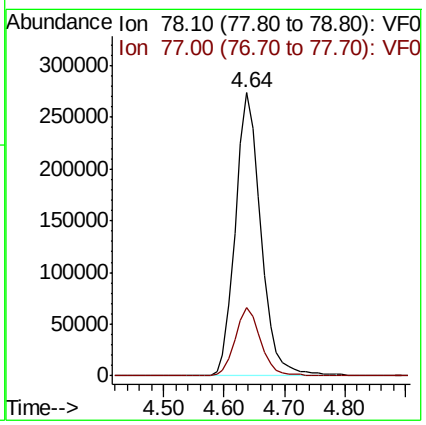
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

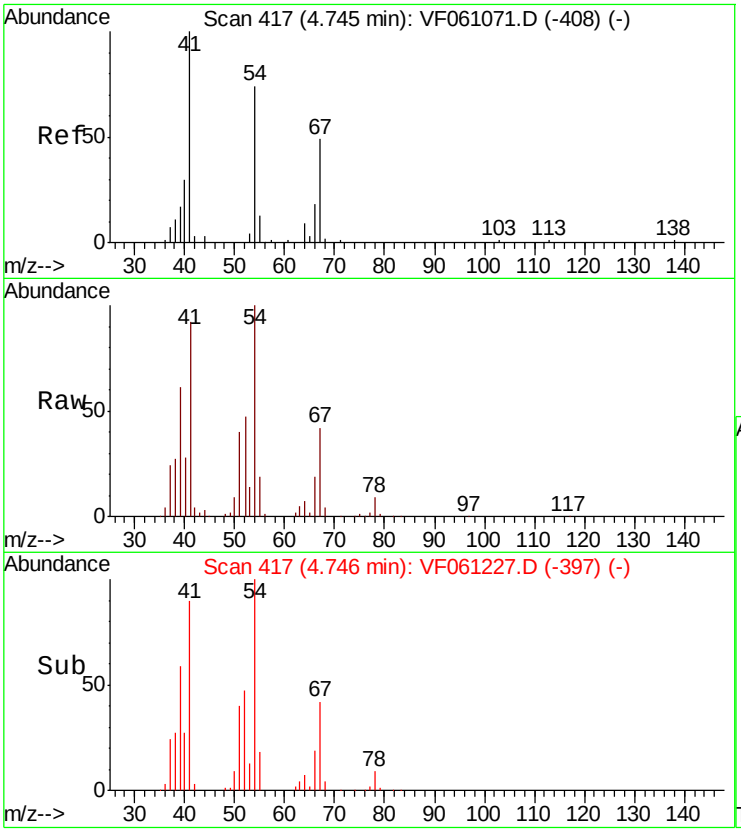


#40
Benzene
Concen: 91.377 ug/l
RT: 4.64 min Scan# 406
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 78 Resp: 803328

Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.7	31.1

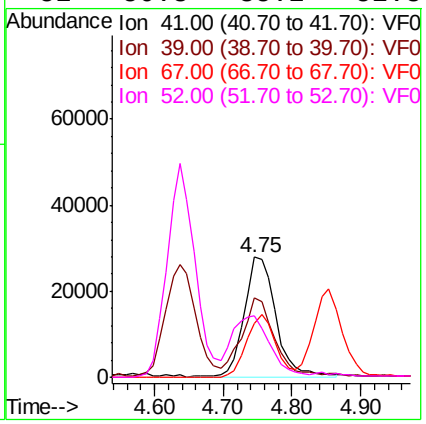




#41
Methacrylonitrile
Concen: 103.419 ug/l
RT: 4.75 min Scan# 417
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

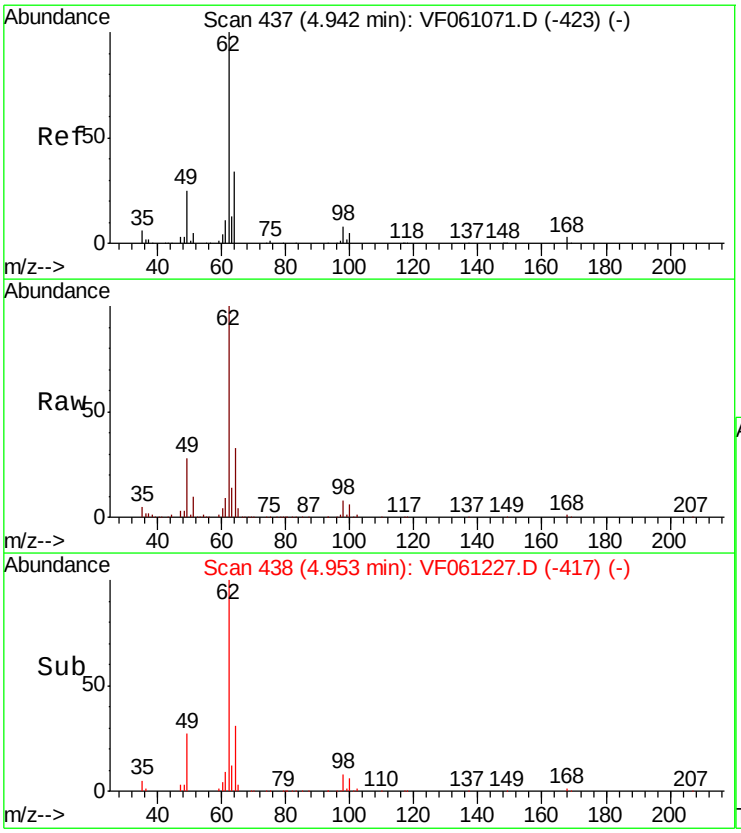
Tgt Ion: 41 Resp: 89287

Ion	Ratio	Lower	Upper
41	100		
39	66.0	45.7	68.5
67	45.3	38.9	58.3
52	50.8	35.2	52.8



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

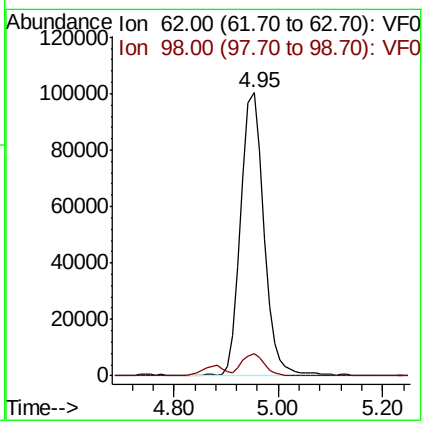
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

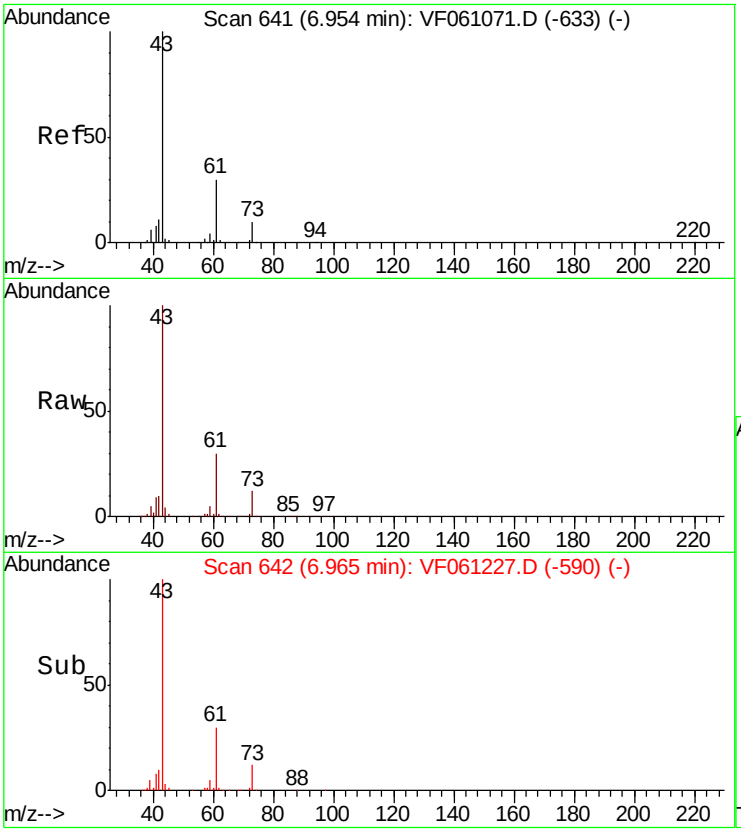


#42
1,2-Dichloroethane
Concen: 90.485 ug/l
RT: 4.95 min Scan# 438
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 62 Resp: 302188

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6

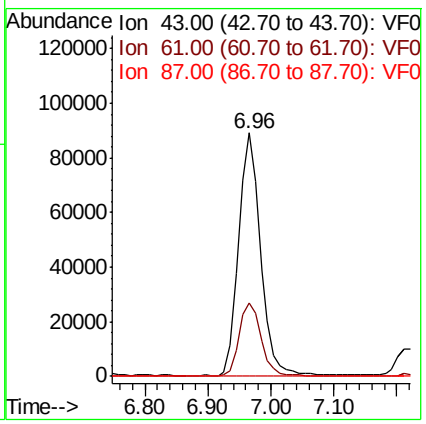




#43
Isopropyl Acetate
Concen: 108.317 ug/l
RT: 6.96 min Scan# 642
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

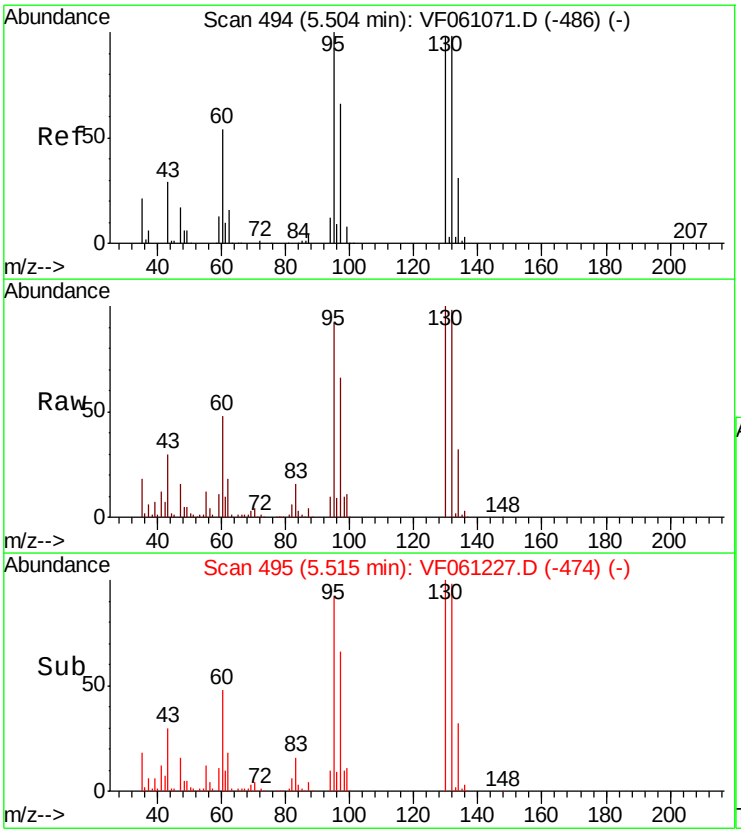
Tgt Ion: 43 Resp: 213808

Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.8	35.8
87	0.3	0.0	0.0#



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

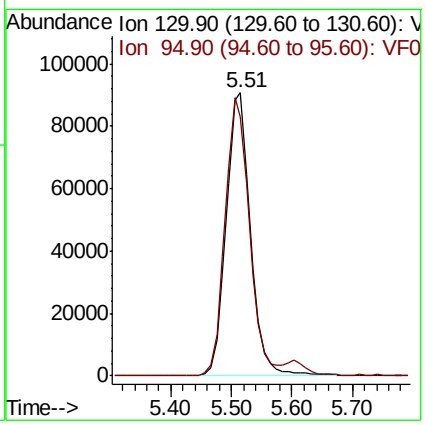
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

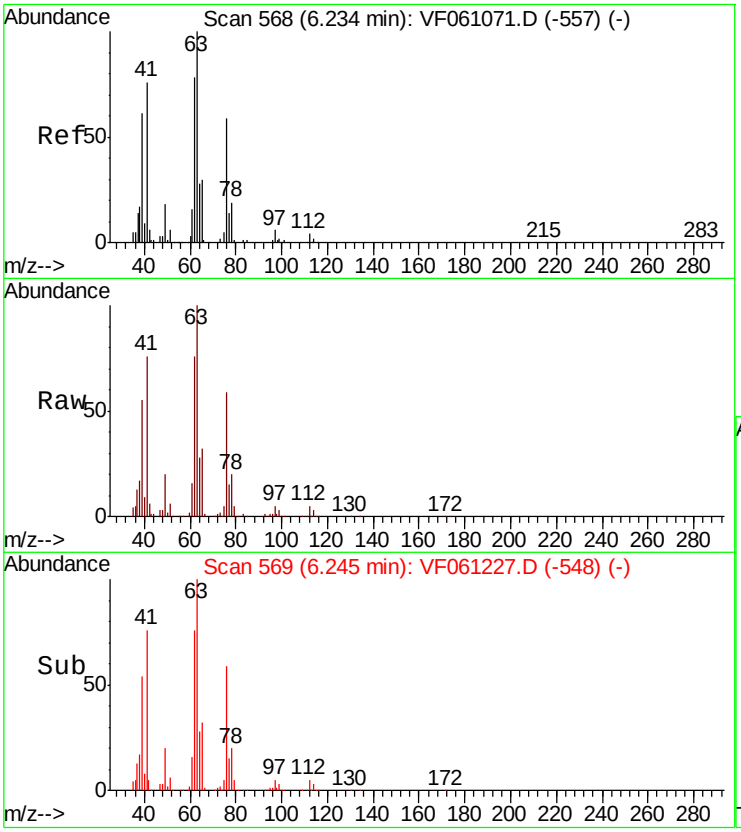


#44
Trichloroethene
Concen: 91.003 ug/l
RT: 5.51 min Scan# 495
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:130 Resp: 252232

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	205.2





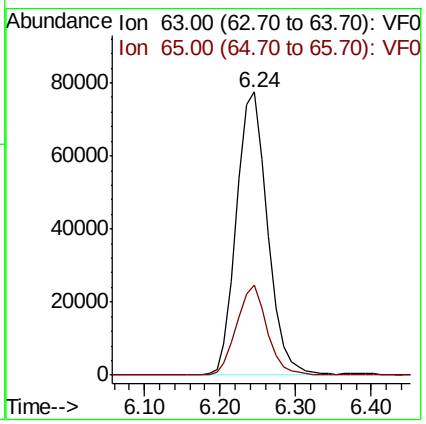
#45
1,2-Dichloropropane
Concen: 92.432 ug/l
RT: 6.24 min Scan# 569
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

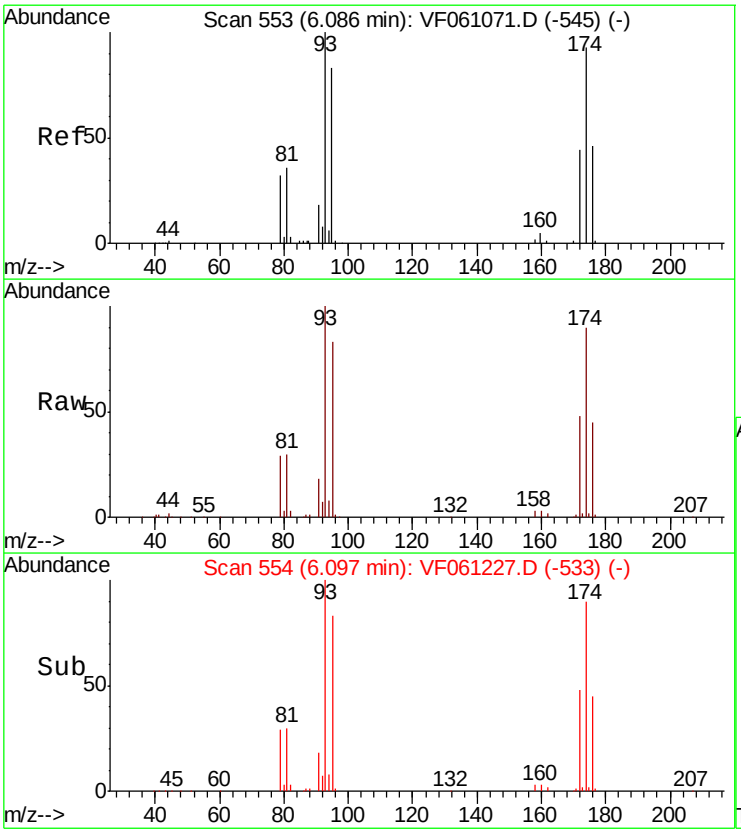
Tgt Ion: 63 Resp: 221081

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.4	36.6

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

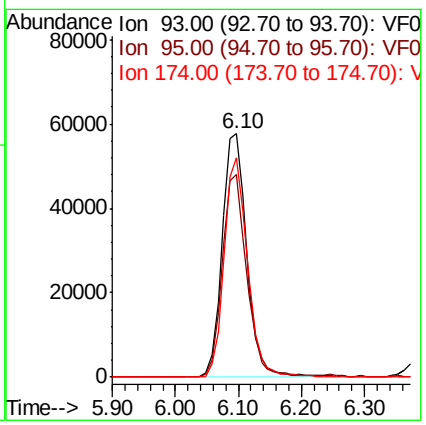


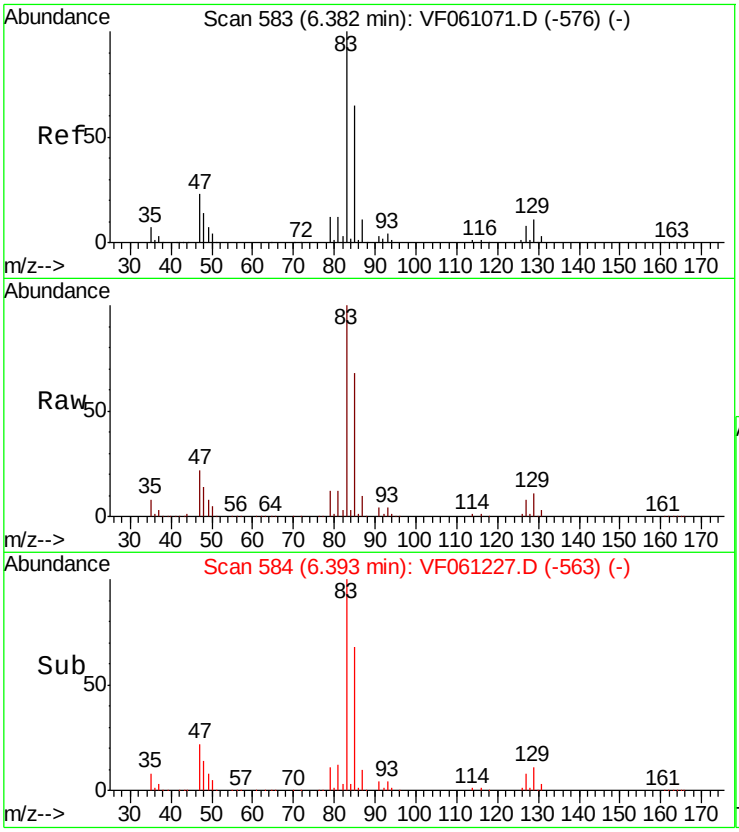


#46
Dibromomethane
Concen: 100.396 ug/l
RT: 6.10 min Scan# 554
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 93 Resp: 155745

Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.9	100.3
174	90.2	74.1	111.1

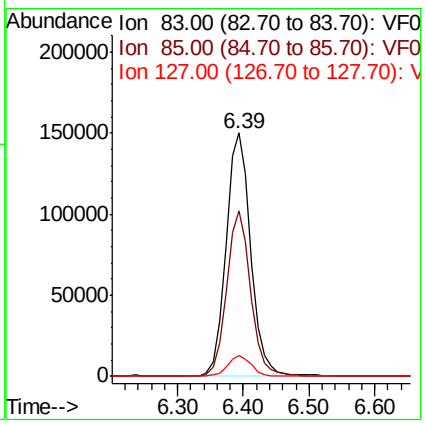




#47
Bromodichloromethane
Concen: 97.562 ug/l
RT: 6.39 min Scan# 584
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

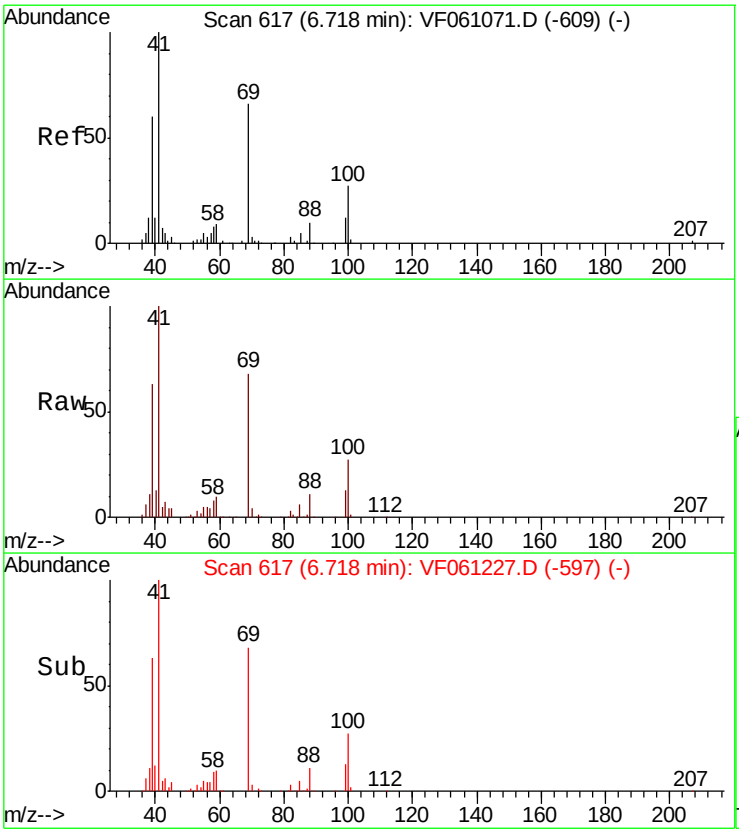
Tgt Ion: 83 Resp: 393243

Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.2	78.4
127	8.5	6.1	9.1



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

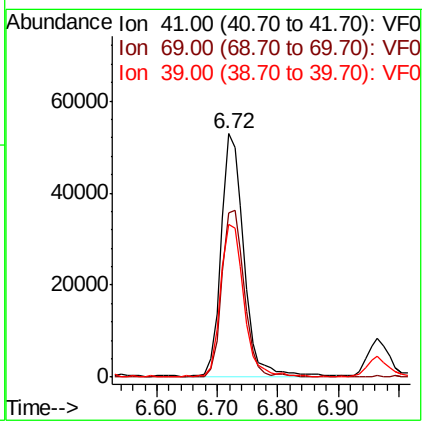
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

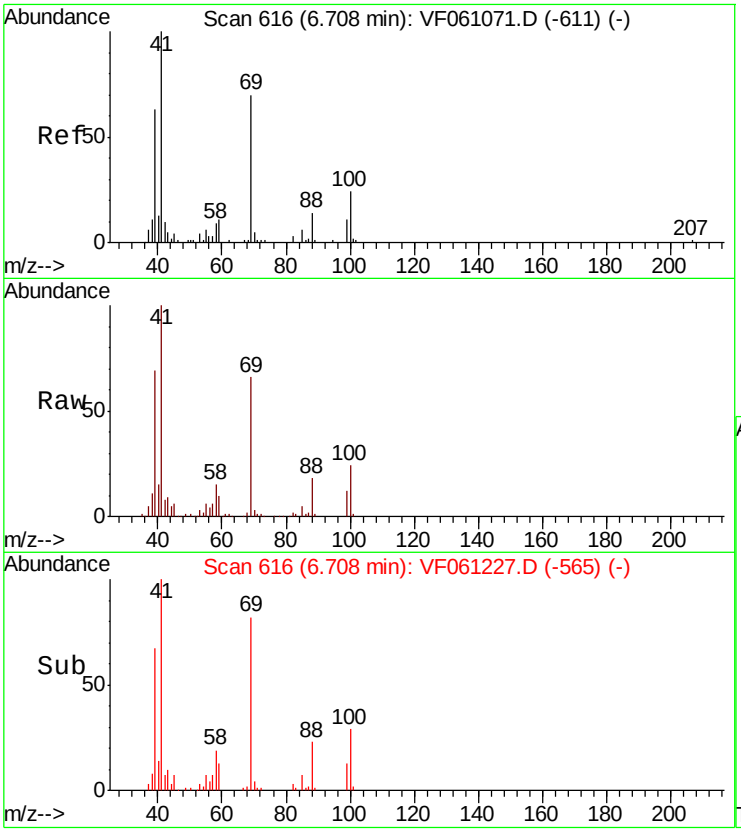


#48
Methyl methacrylate
Concen: 98.933 ug/l
RT: 6.72 min Scan# 617
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 41 Resp: 136329

Ion	Ratio	Lower	Upper
41	100		
69	67.6	52.7	79.1
39	62.6	47.8	71.6





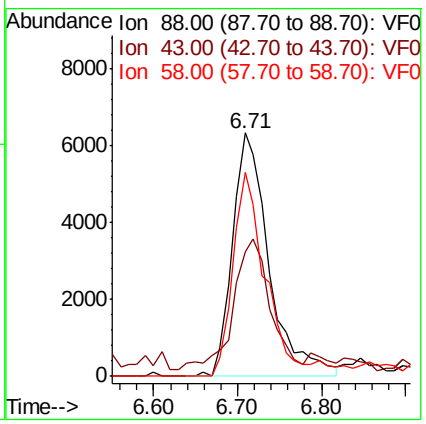
#49
1,4-Dioxane
Concen: 1920.647 ug/l
RT: 6.71 min Scan# 616
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

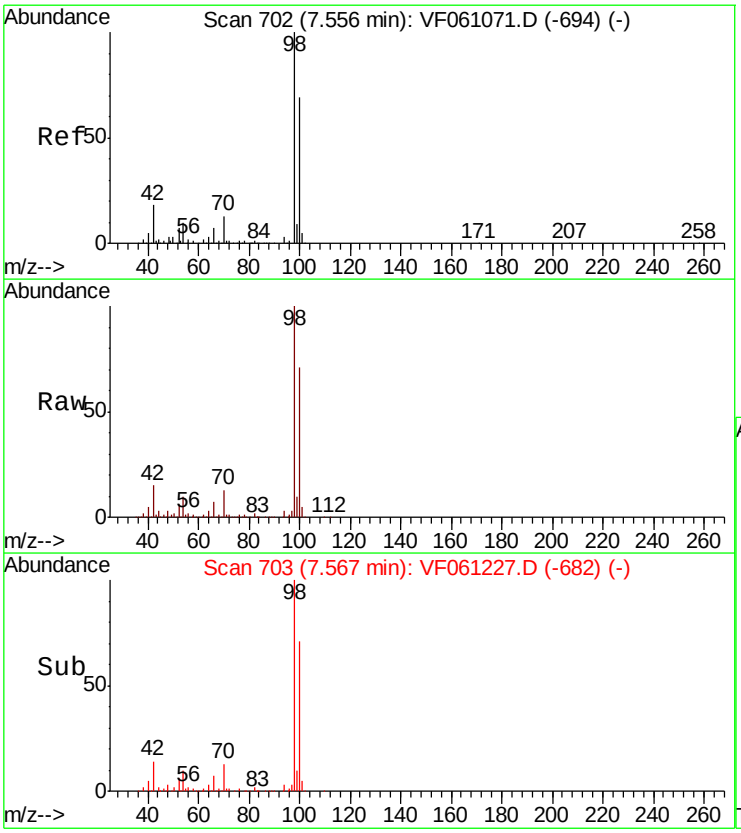
Tgt Ion: 88 Resp: 19204

Ion	Ratio	Lower	Upper
88	100		
43	51.0	33.3	49.9#
58	83.7	53.2	79.8#

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

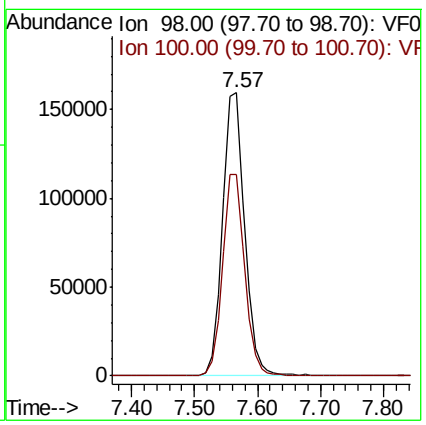


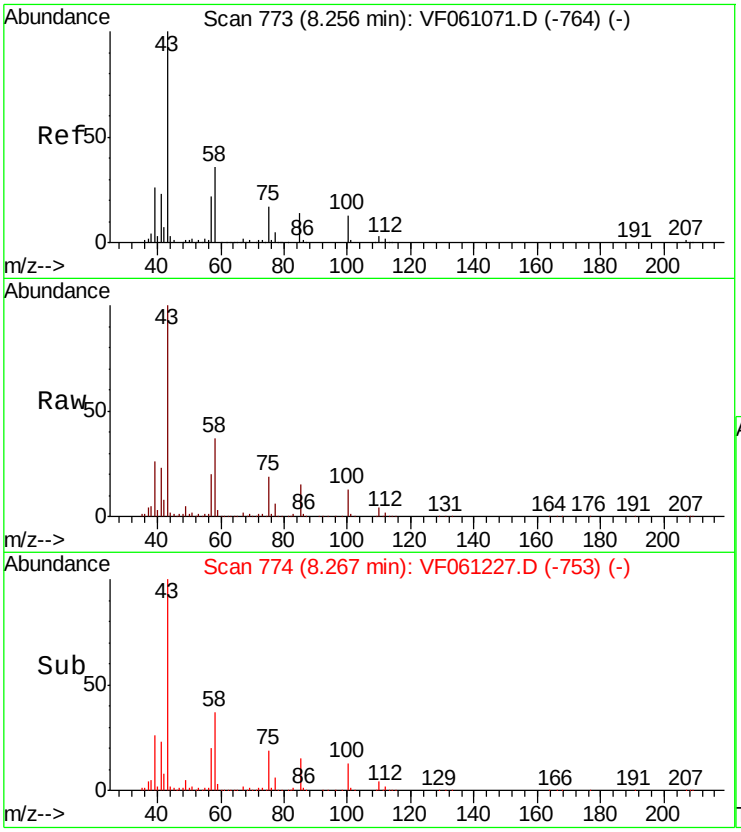


#50
Toluene-d8
Concen: 50.461 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 98 Resp: 387959

Ion	Ratio	Lower	Upper
98	100		
100	71.3	55.3	82.9

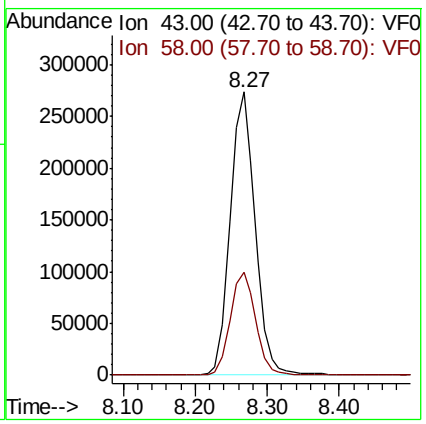




#51
4-Methyl-2-Pentanone
Concen: 487.044 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

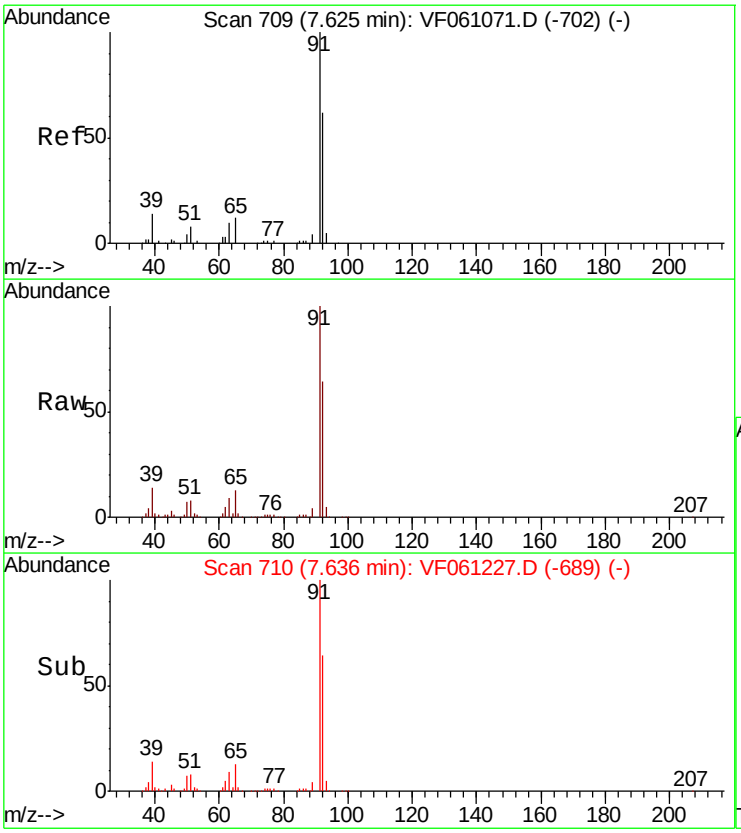
Tgt Ion: 43 Resp: 659335

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.1	43.7



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

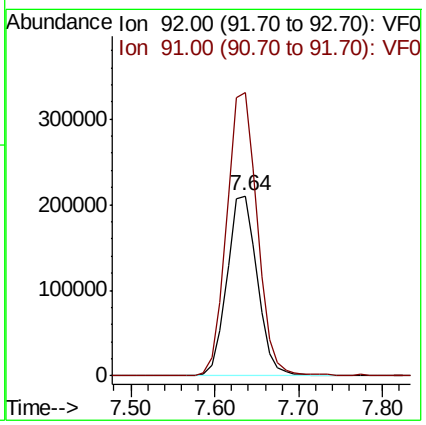
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

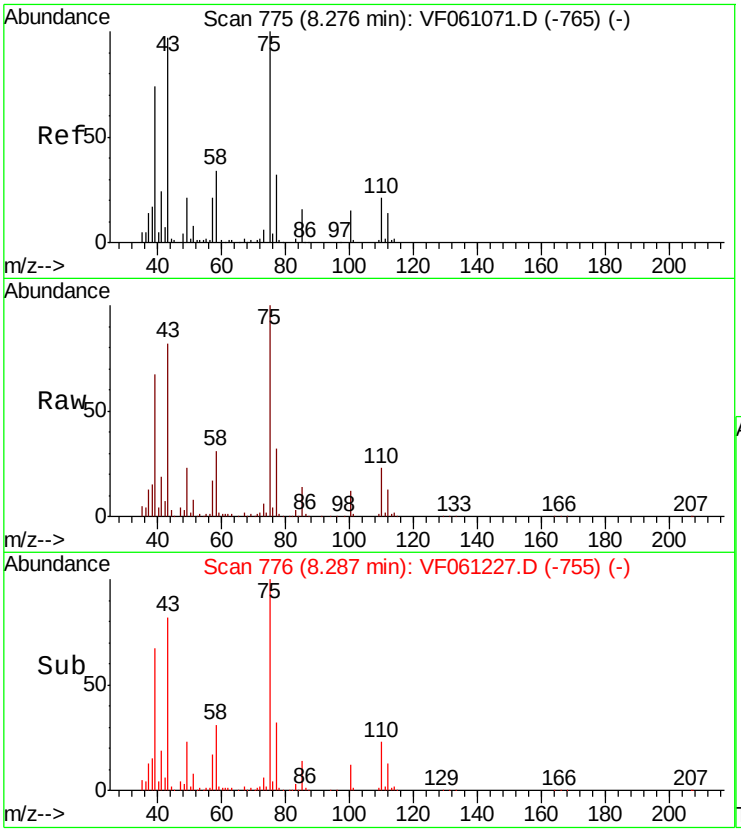


#52
Toluene
Concen: 90.243 ug/l
RT: 7.64 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 92 Resp: 525163

Ion	Ratio	Lower	Upper
92	100		
91	157.4	128.8	193.2

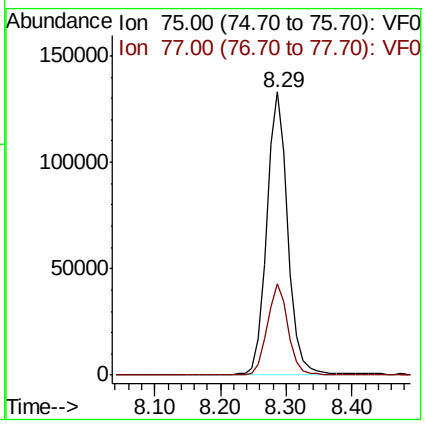




#53
t-1,3-Dichloropropene
Concen: 91.211 ug/l
RT: 8.29 min Scan# 776
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

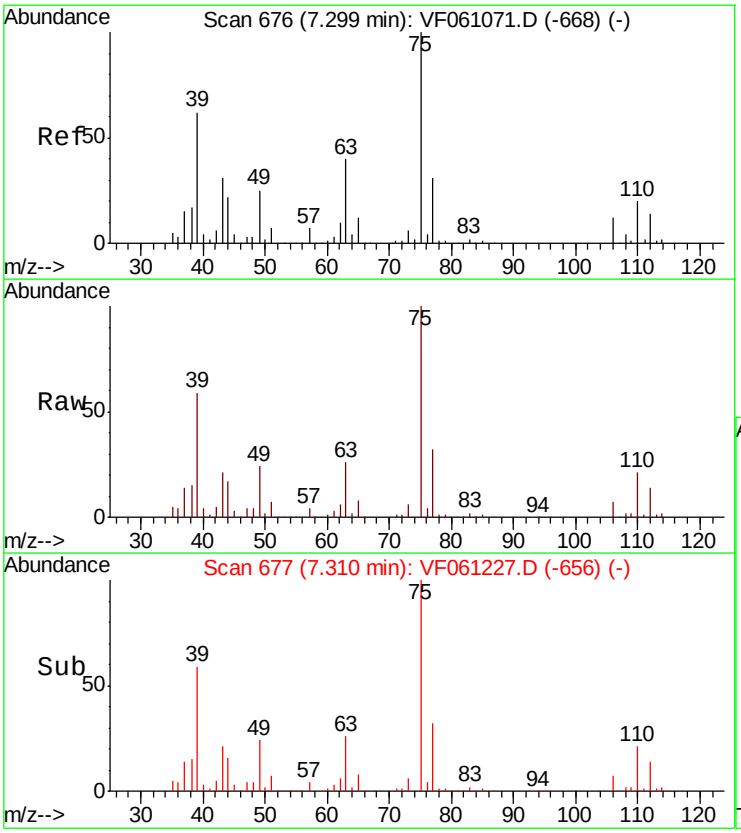
Tgt Ion: 75 Resp: 296582

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

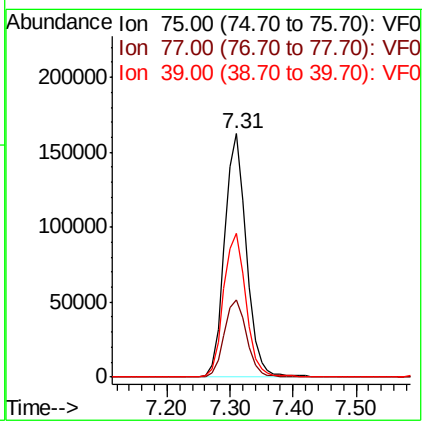
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

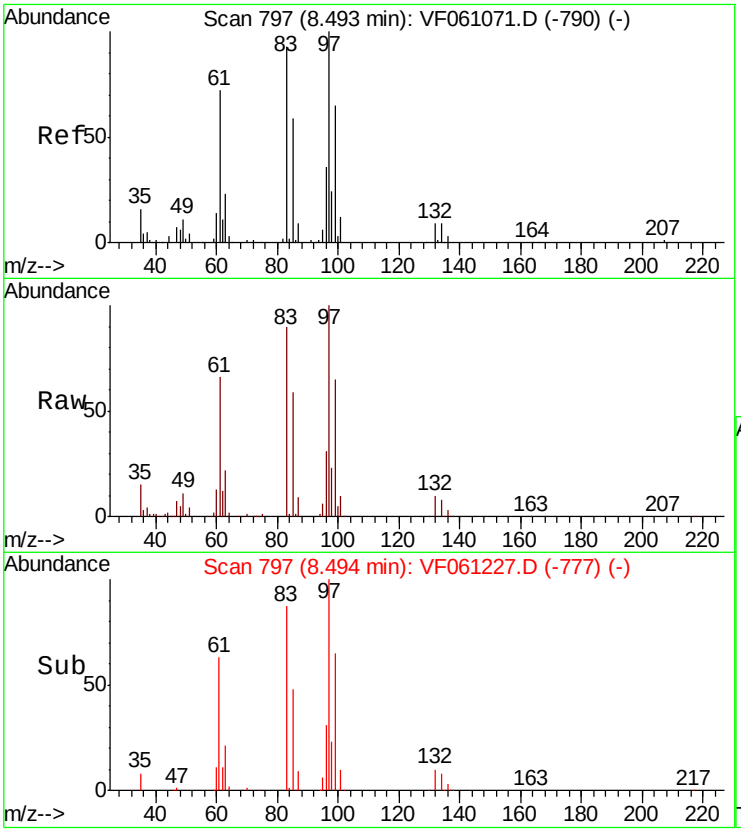


#54
cis-1,3-Dichloropropene
Concen: 95.180 ug/l
RT: 7.31 min Scan# 677
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 75 Resp: 388432

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	59.1	50.1	75.1

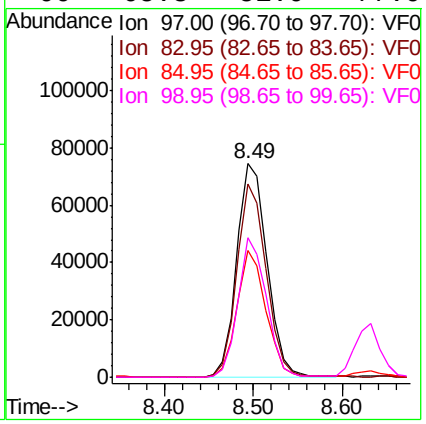




#55
1,1,2-Trichloroethane
Concen: 101.172 ug/l
RT: 8.49 min Scan# 797
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

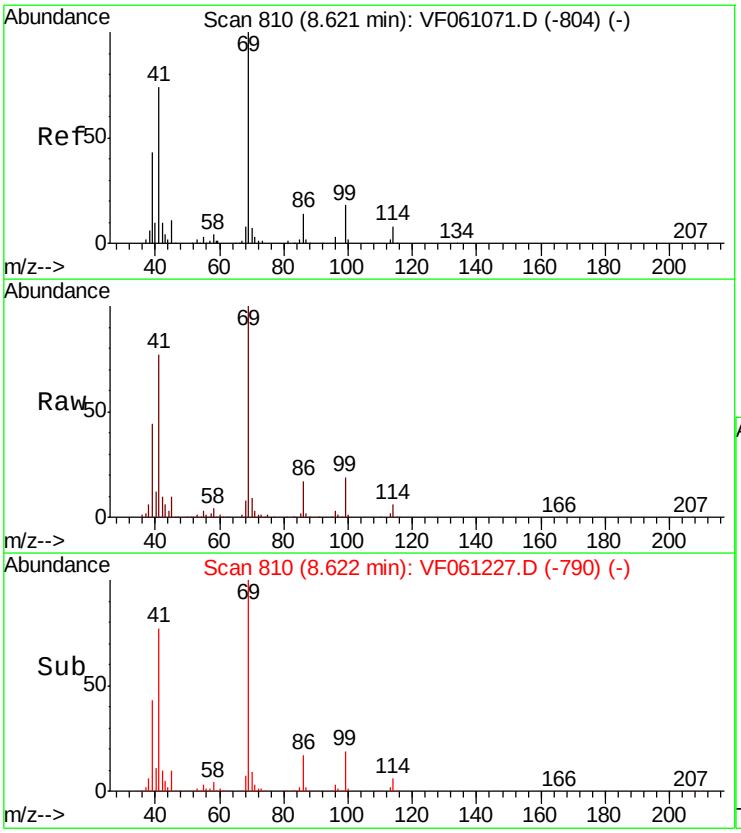
Tgt Ion: 97 Resp: 176501

Ion	Ratio	Lower	Upper
97	100		
83	90.2	75.0	112.4
85	59.2	47.5	71.3
99	65.3	51.9	77.9



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

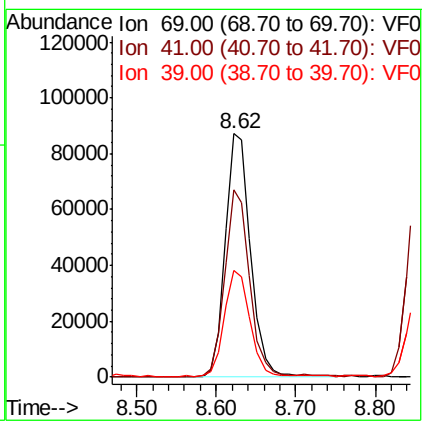
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

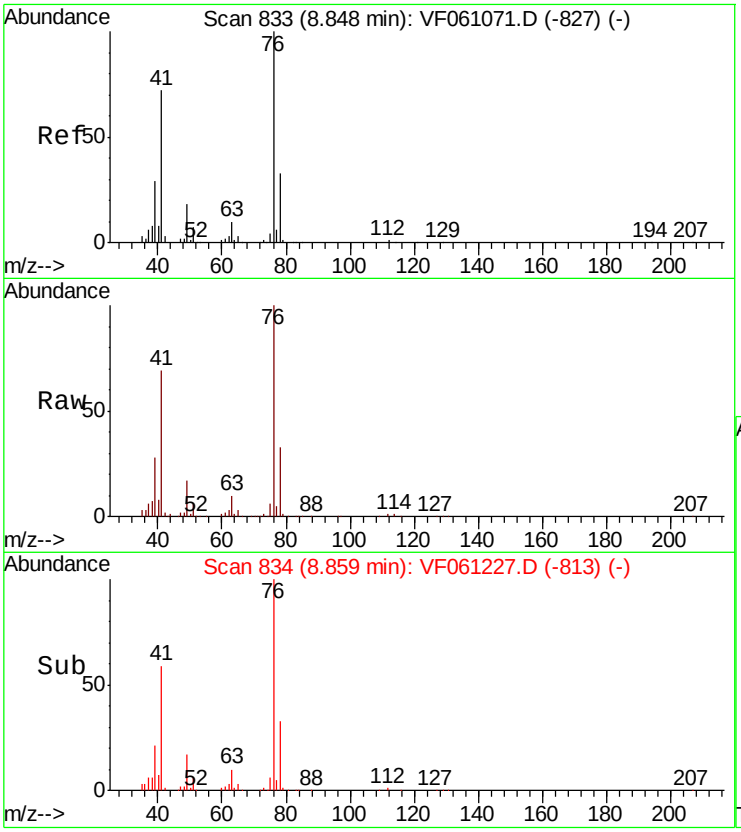


#56
Ethyl methacrylate
Concen: 103.139 ug/l
RT: 8.62 min Scan# 810
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 69 Resp: 194701

Ion	Ratio	Lower	Upper
69	100		
41	76.9	59.7	89.5
39	43.7	35.0	52.6

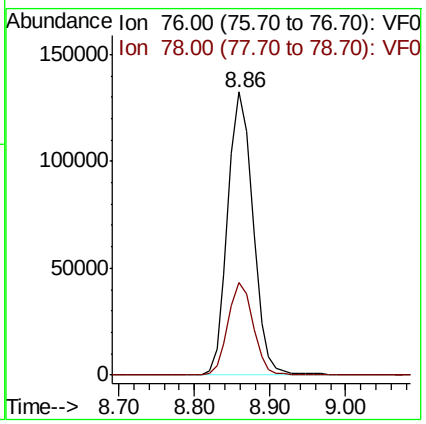




#57
1,3-Dichloropropane
Concen: 97.336 ug/l
RT: 8.86 min Scan# 834
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

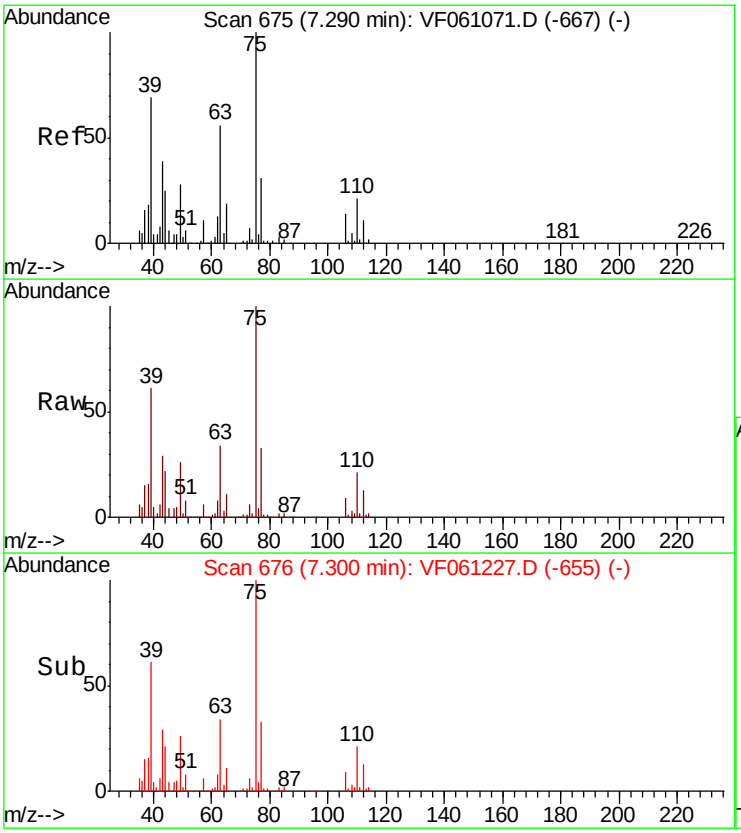
Tgt Ion: 76 Resp: 307123

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.5	39.7



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

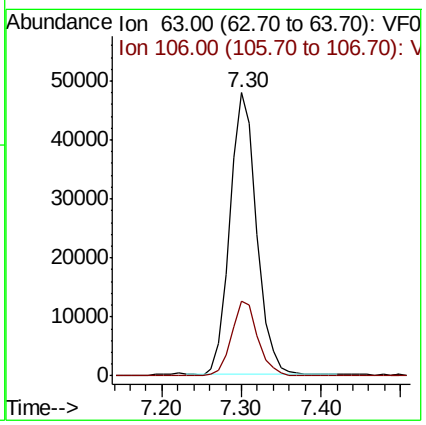
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

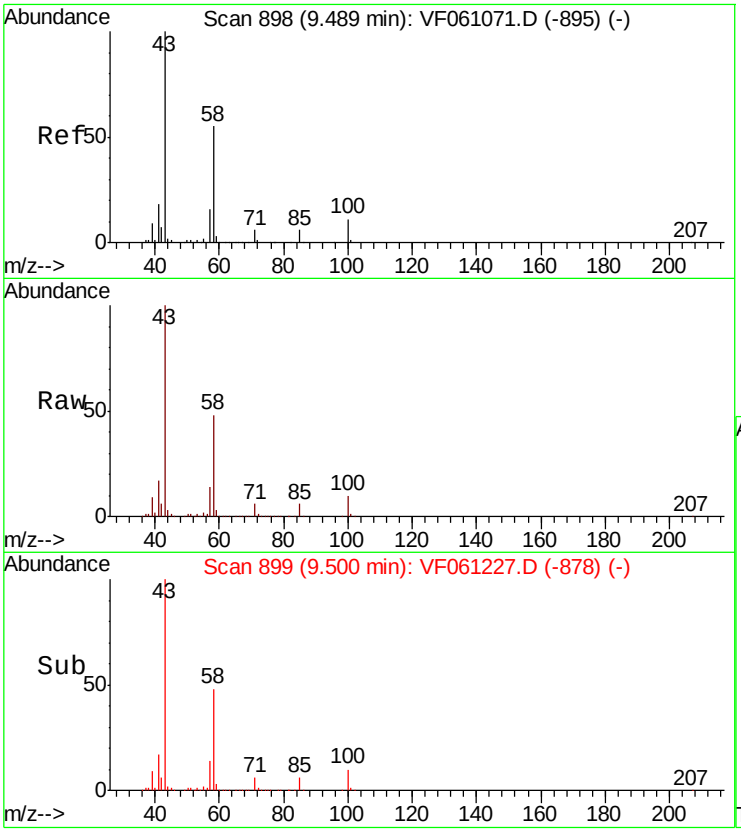


#58
2-Chloroethyl Vinyl ether
Concen: 308.715 ug/l
RT: 7.30 min Scan# 676
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 63 Resp: 111927

Ion	Ratio	Lower	Upper
63	100		
106	26.3	19.8	29.8

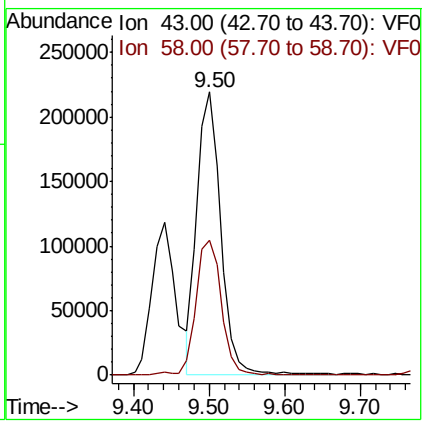




#59
2-Hexanone
Concen: 488.353 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

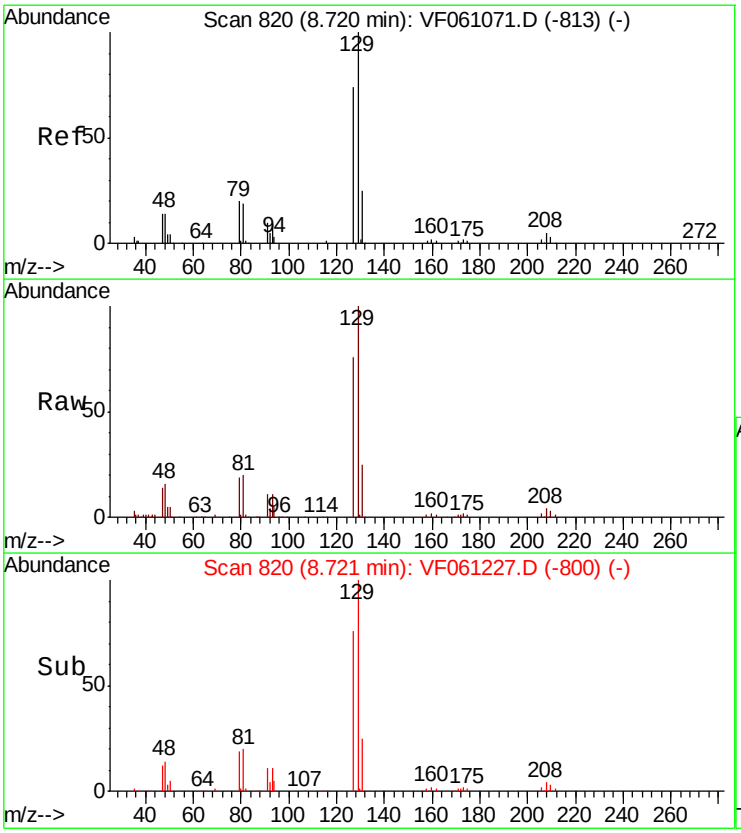
Tgt Ion: 43 Resp: 478097

Ion	Ratio	Lower	Upper
43	100		
58	47.7	25.1	75.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

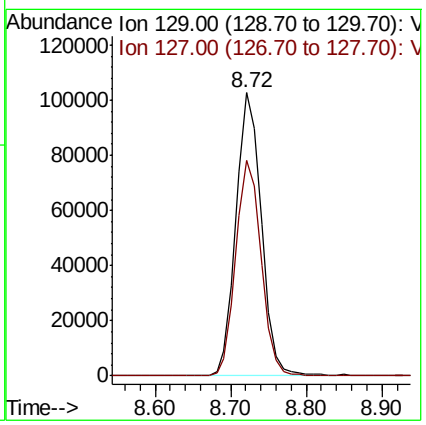
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

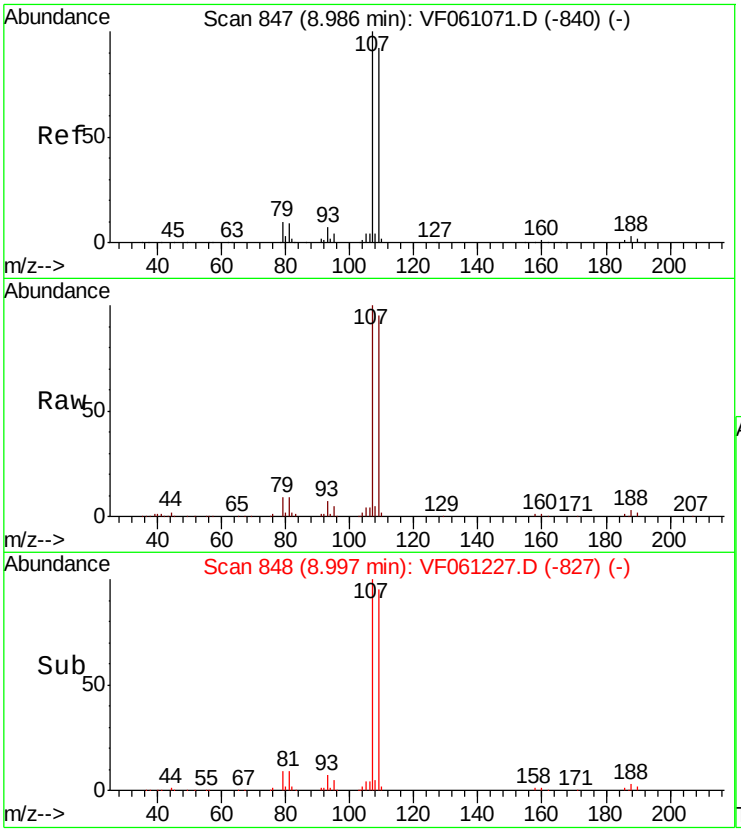


#60
Dibromochloromethane
Concen: 95.077 ug/l
RT: 8.72 min Scan# 820
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:129 Resp: 237766

Ion	Ratio	Lower	Upper
129	100		
127	76.0	36.8	110.3





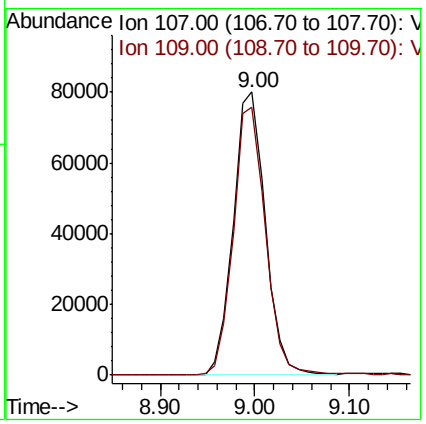
#61
1,2-Dibromoethane
Concen: 100.805 ug/l
RT: 9.00 min Scan# 848
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

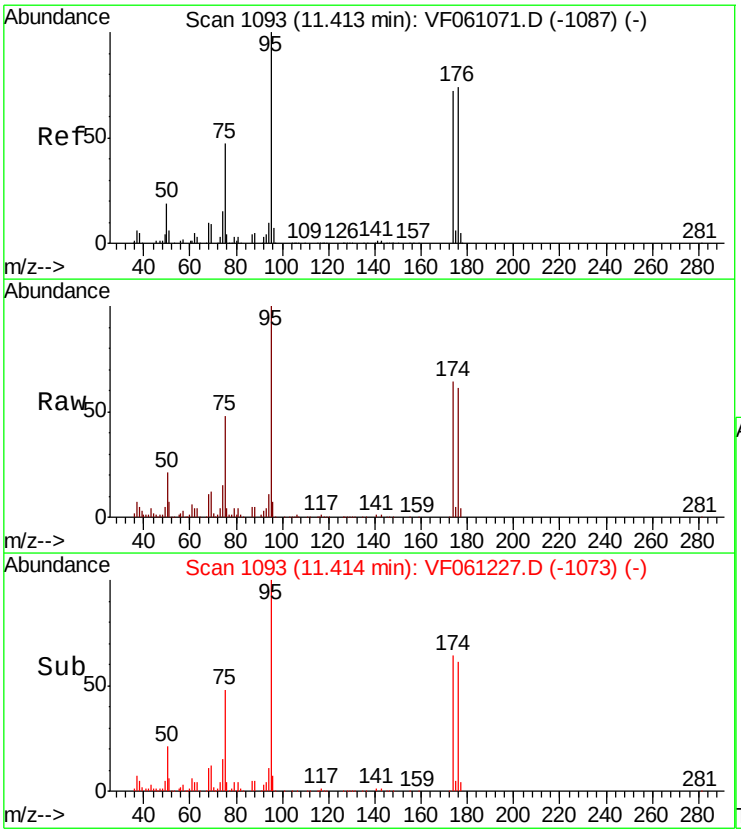
Tgt Ion:107 Resp: 187819

Ion	Ratio	Lower	Upper
107	100		
109	94.6	73.7	110.5

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

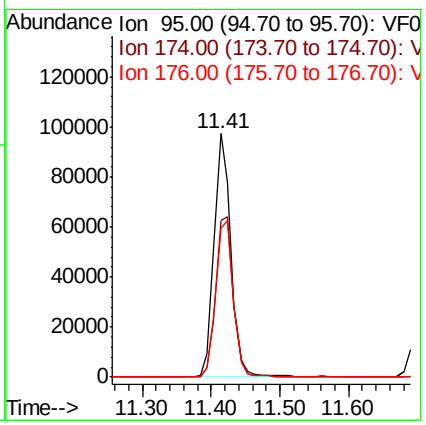


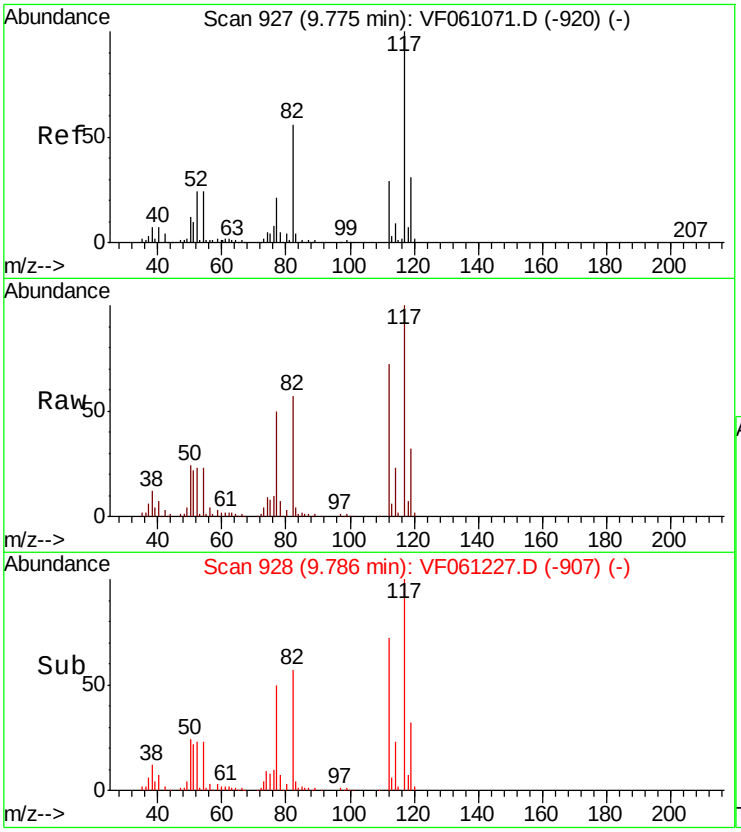


#62
4-Bromofluorobenzene
Concen: 46.586 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 95 Resp: 165118

Ion	Ratio	Lower	Upper
95	100		
174	64.2	0.0	143.8
176	61.1	0.0	147.6

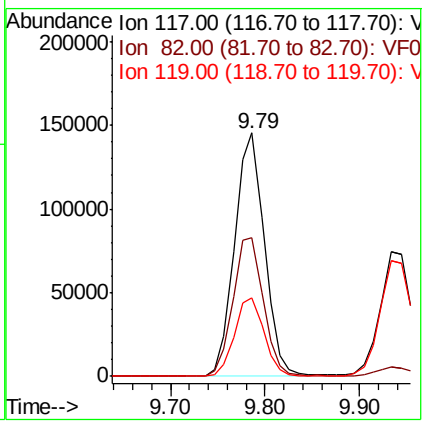




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

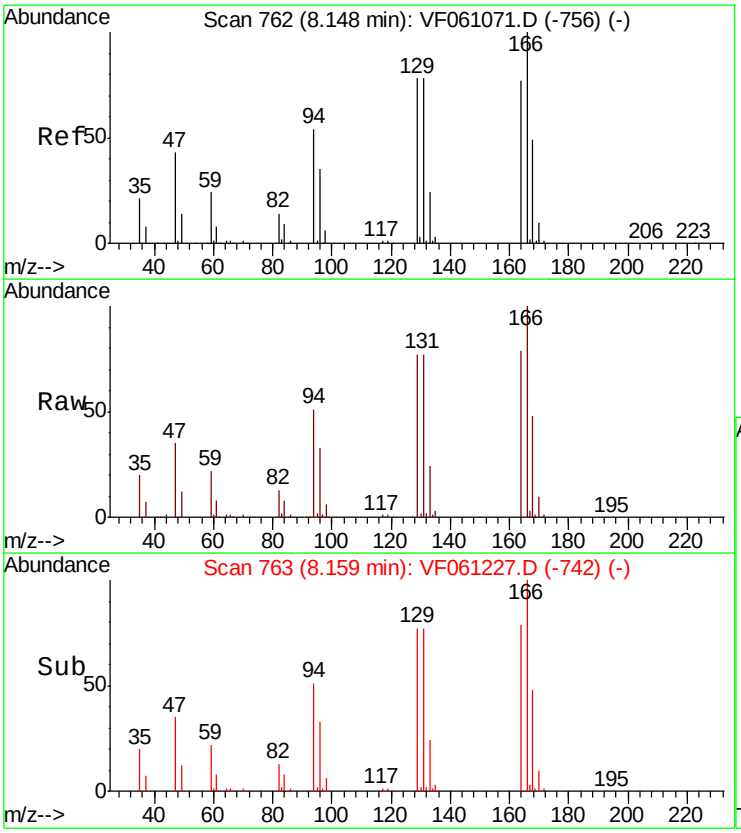
Tgt Ion:117 Resp: 318718

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.4
119	32.1	24.8	37.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

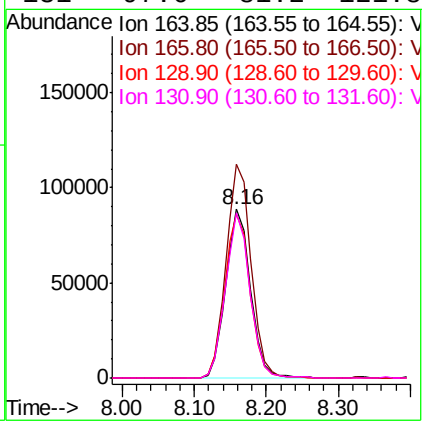
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

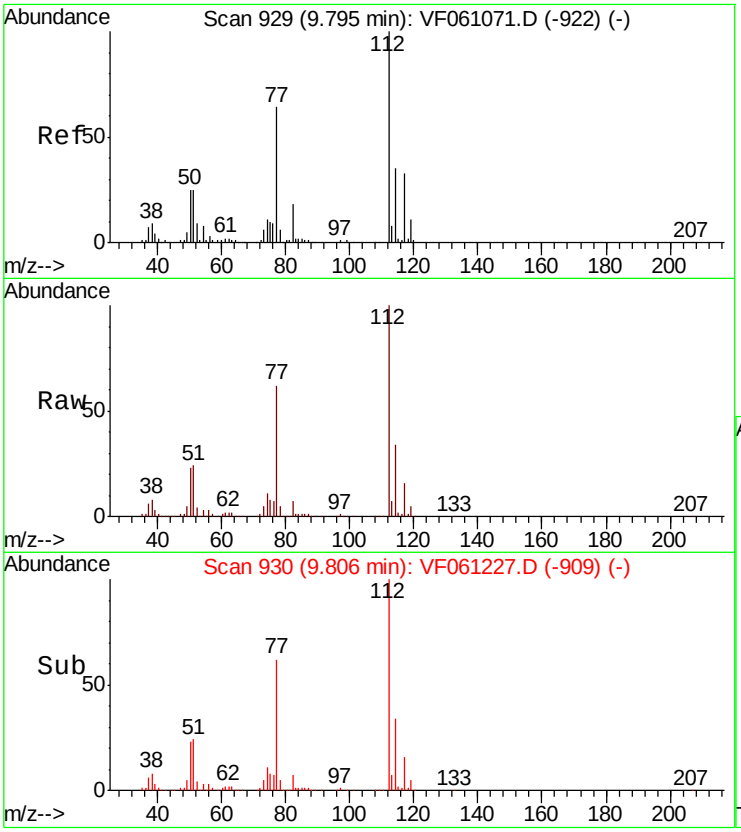


#64
Tetrachloroethene
Concen: 86.559 ug/l
RT: 8.16 min Scan# 763
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:164 Resp: 212221

Ion	Ratio	Lower	Upper
164	100		
166	126.5	104.0	156.0
129	96.8	81.1	121.7
131	97.6	81.2	121.8





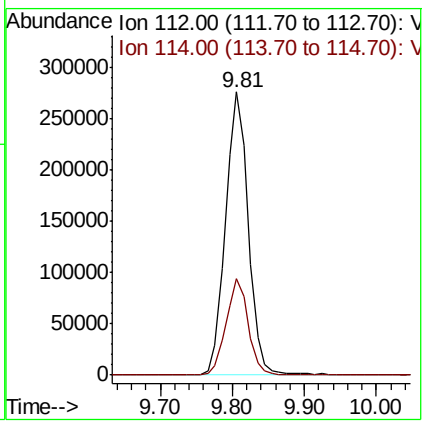
#65
Chlorobenzene
Concen: 92.476 ug/l
RT: 9.81 min Scan# 930
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

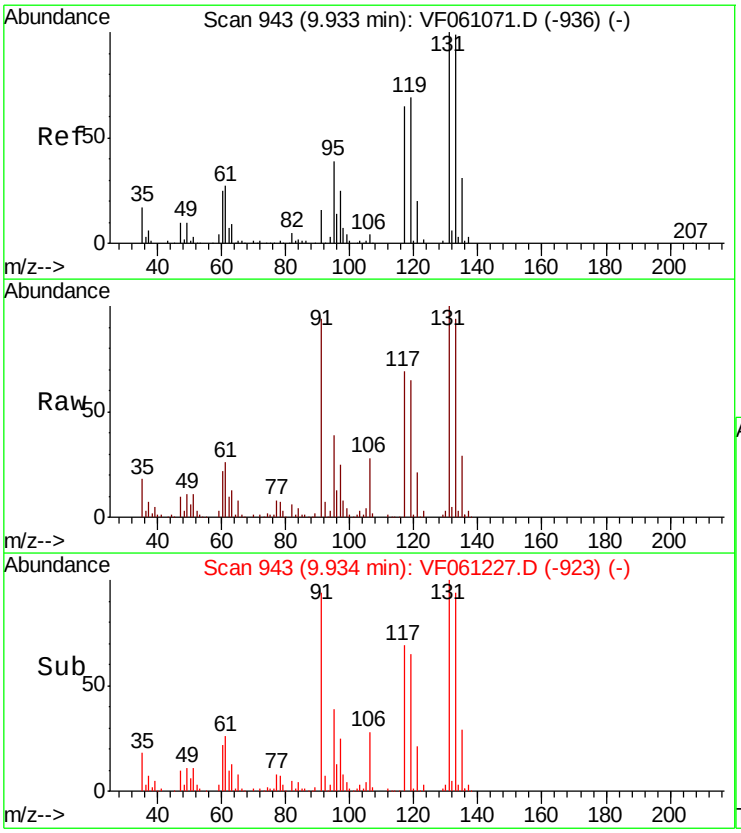
Tgt Ion:112 Resp: 608890

Ion	Ratio	Lower	Upper
112	100		
114	34.0	27.8	41.6

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

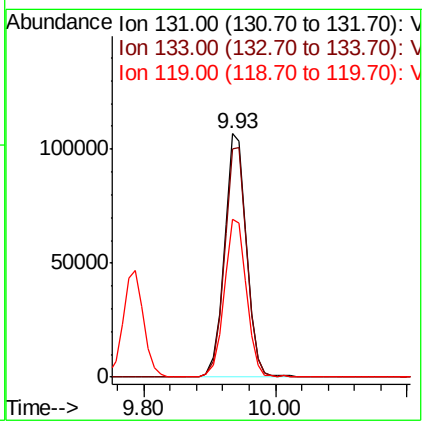


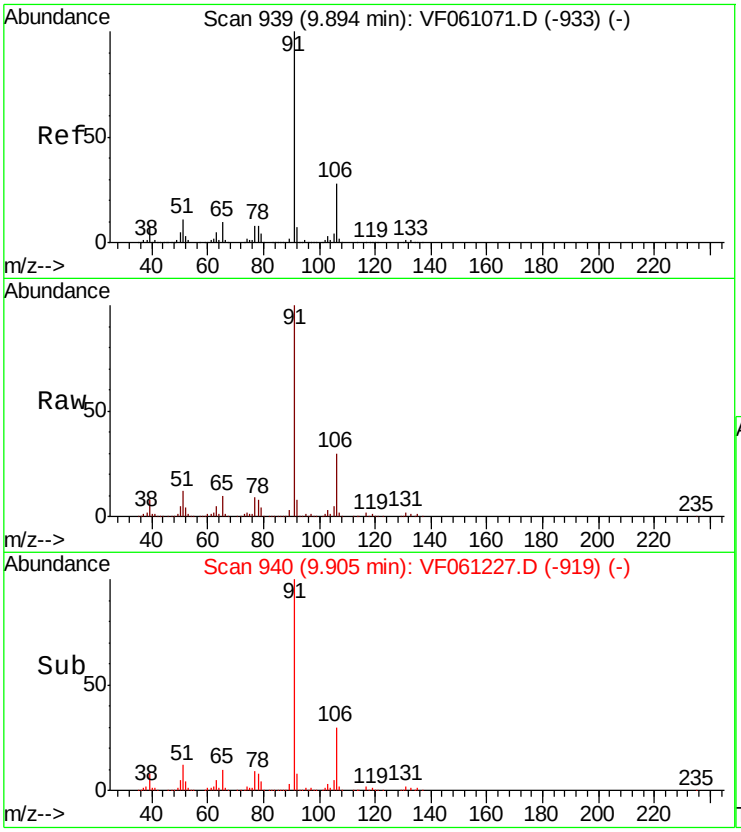


#66
1,1,1,2-Tetrachloroethane
Concen: 92.691 ug/l
RT: 9.93 min Scan# 943
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:131 Resp: 249406

Ion	Ratio	Lower	Upper
131	100		
133	93.7	49.5	148.7
119	64.9	34.5	103.5

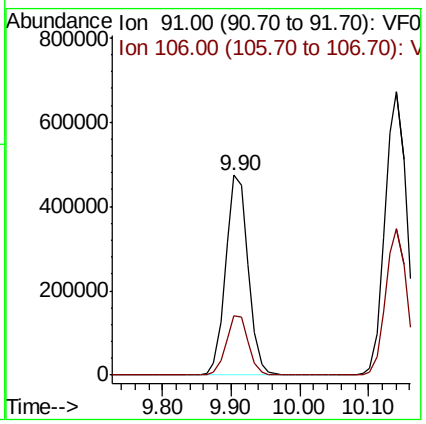




#67
Ethyl Benzene
Concen: 89.372 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

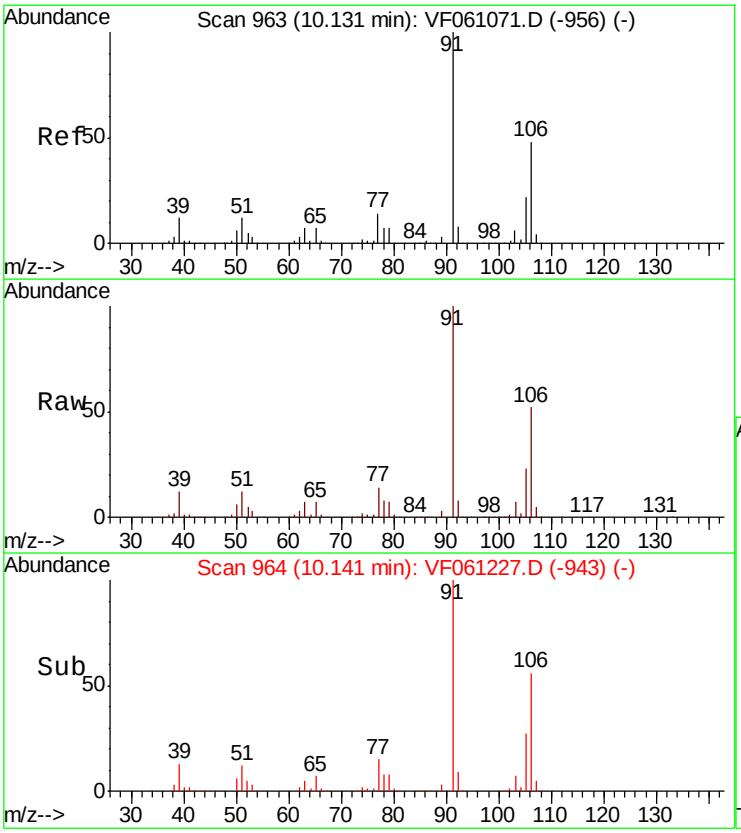
Tgt Ion: 91 Resp: 1072046

Ion	Ratio	Lower	Upper
91	100		
106	29.5	22.5	33.7



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

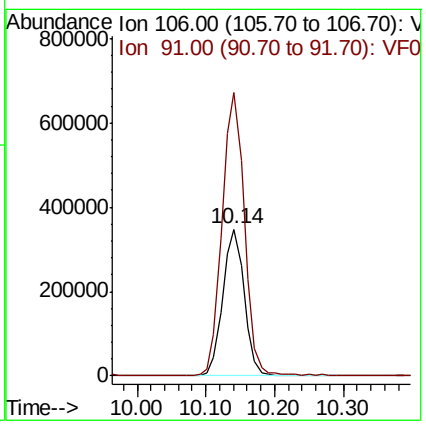
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

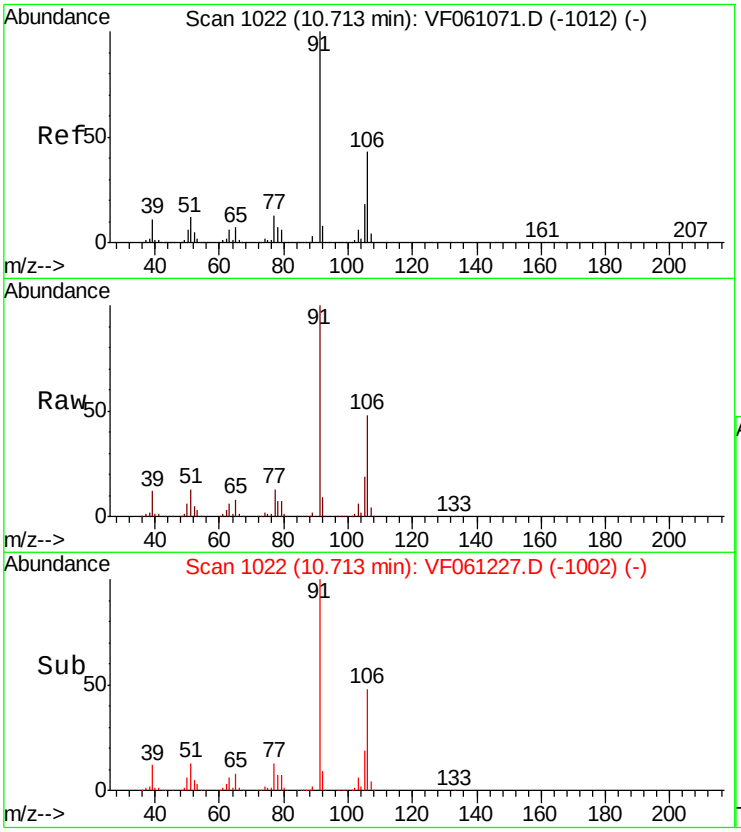


#68
m/p-Xylenes
Concen: 178.465 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:106 Resp: 753380

Ion	Ratio	Lower	Upper
106	100		
91	192.6	168.2	252.2





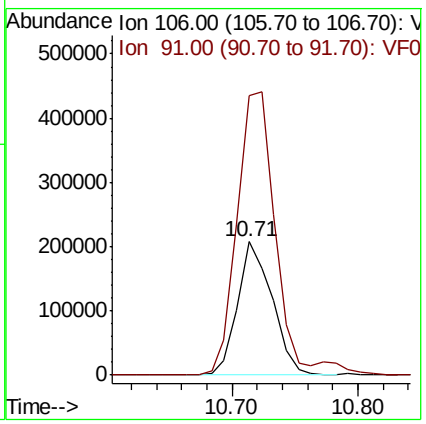
#69
o-Xylene
Concen: 84.164 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

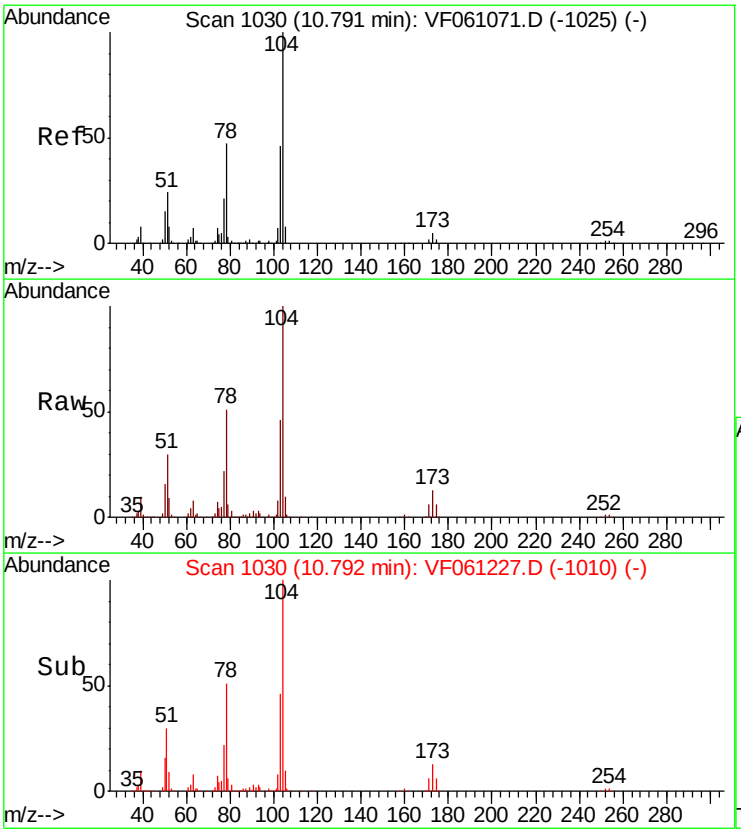
Tgt Ion:106 Resp: 394043

Ion	Ratio	Lower	Upper
106	100		
91	209.6	115.9	347.7

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

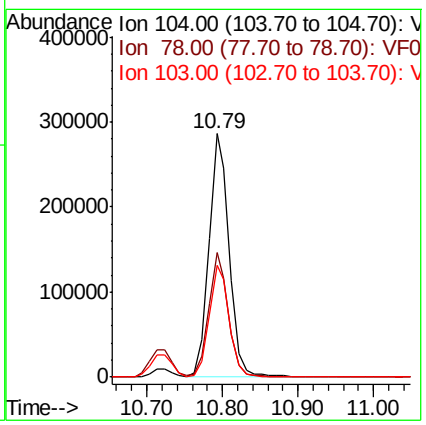


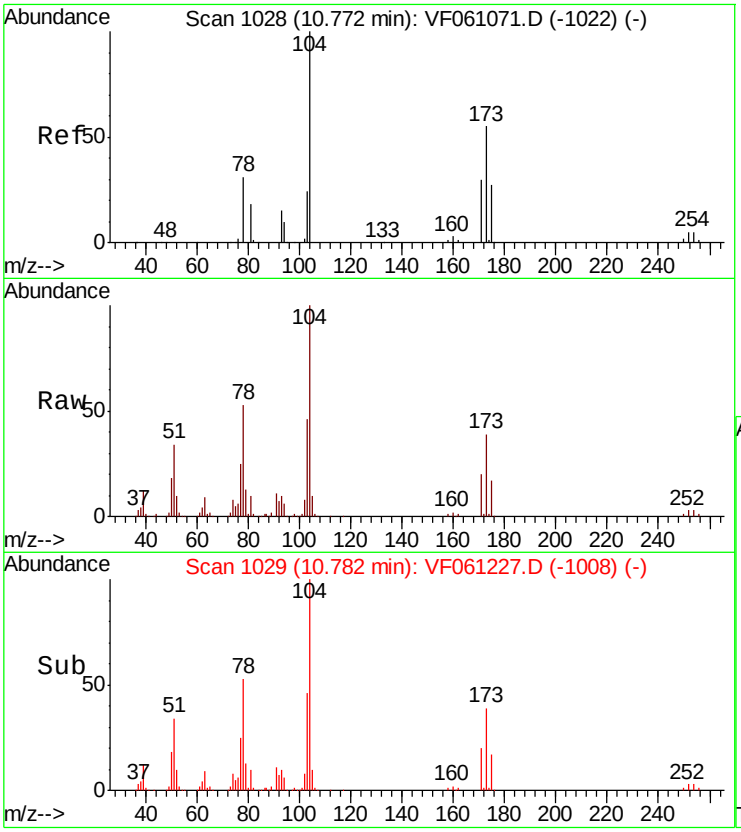


#70
Styrene
Concen: 98.441 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:104 Resp: 534621

Ion	Ratio	Lower	Upper
104	100		
78	50.9	38.4	57.6
103	46.1	37.0	55.6





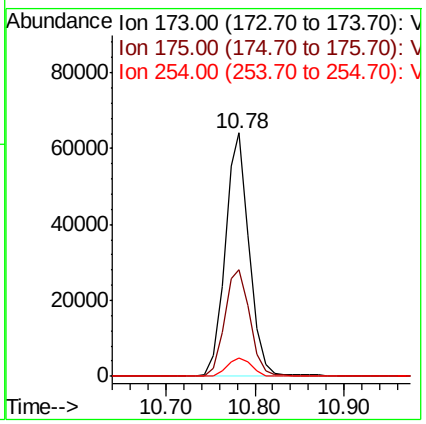
#71
Bromoform
Concen: 97.412 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

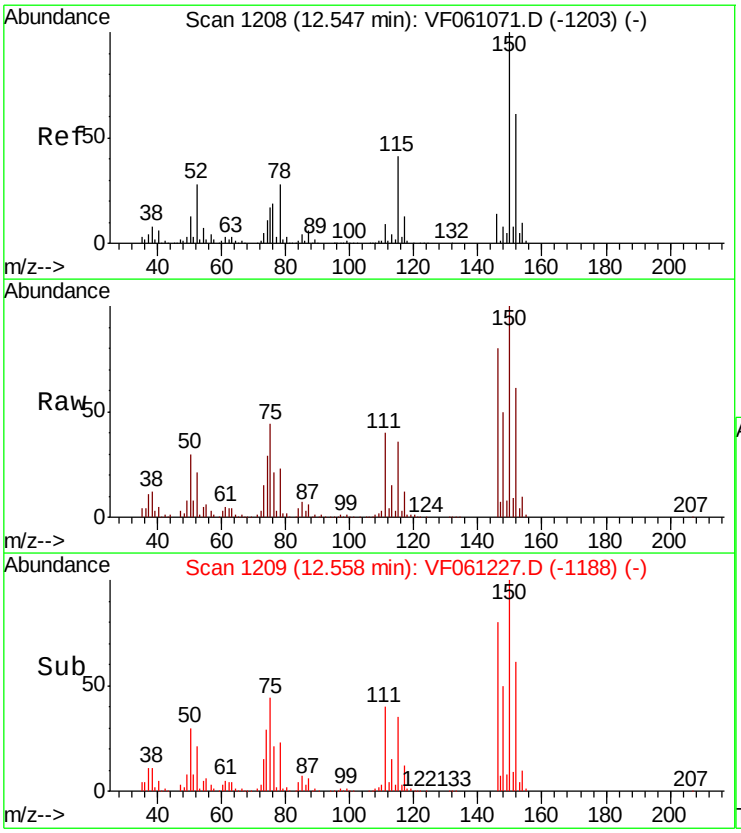
Tgt Ion:173 Resp: 121264

Ion	Ratio	Lower	Upper
173	100		
175	44.5	24.8	74.4
254	7.4	0.0	0.0#

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

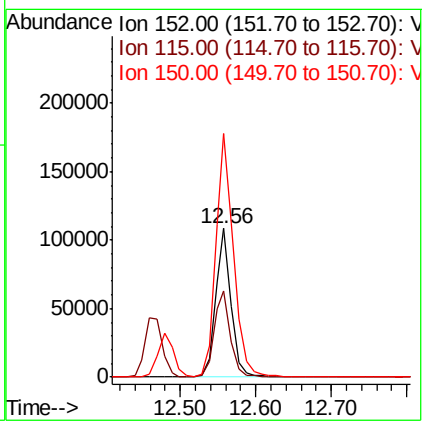


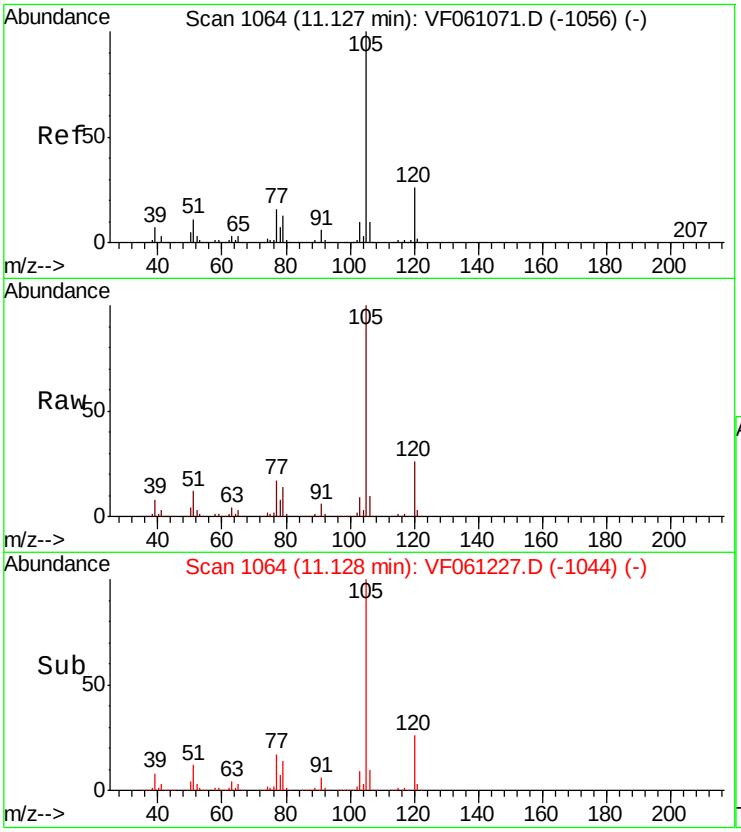


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:152 Resp: 155251

Ion	Ratio	Lower	Upper
152	100		
115	58.2	33.3	99.9
150	163.6	0.0	328.2





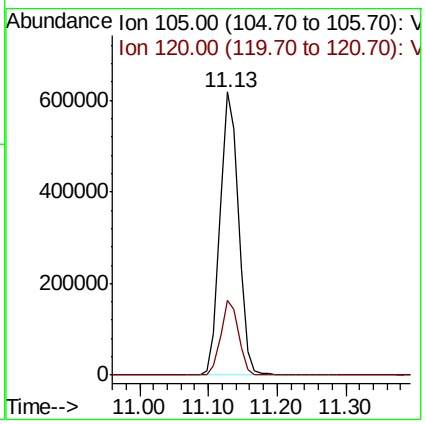
#73
Isopropylbenzene
Concen: 86.346 ug/l
RT: 11.13 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

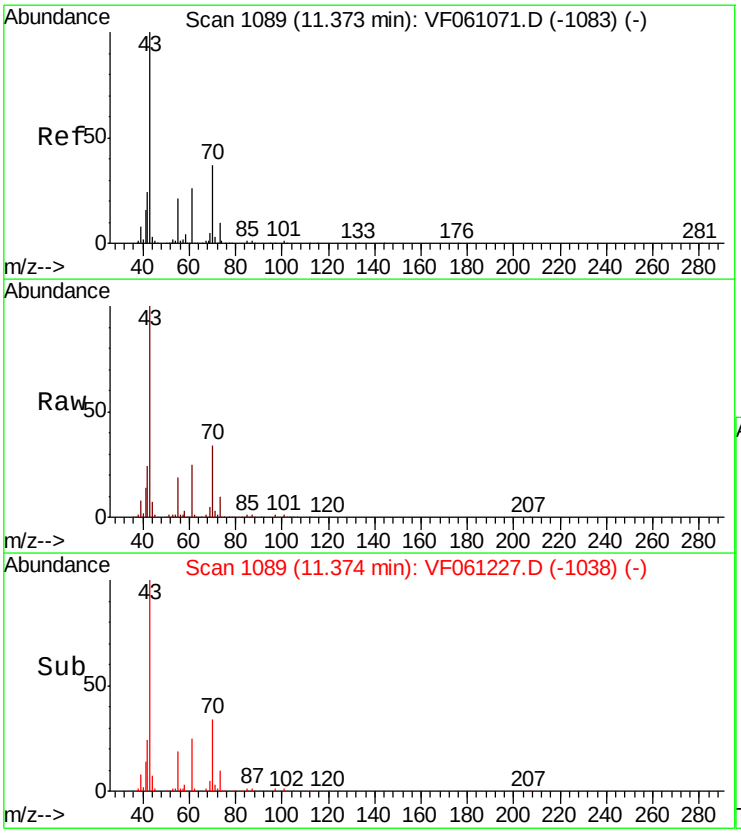
Tgt Ion:105 Resp: 1155208

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

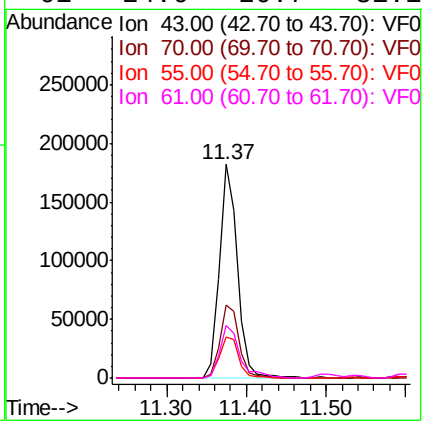


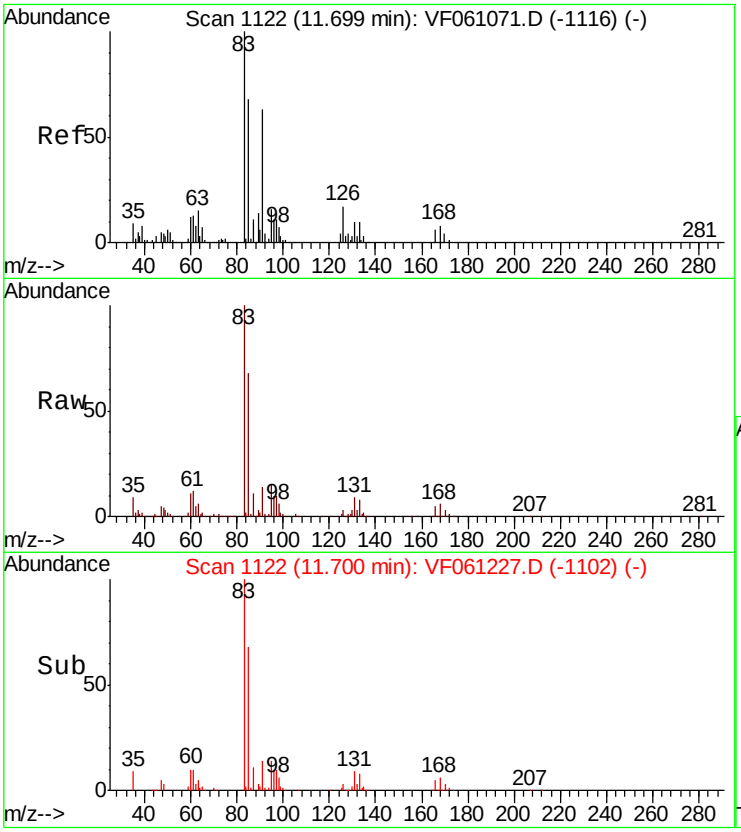


#74
N-amyl acetate
Concen: 98.709 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 43 Resp: 293196

Ion	Ratio	Lower	Upper
43	100		
70	34.3	29.2	43.8
55	19.4	16.5	24.7
61	24.6	20.7	31.1

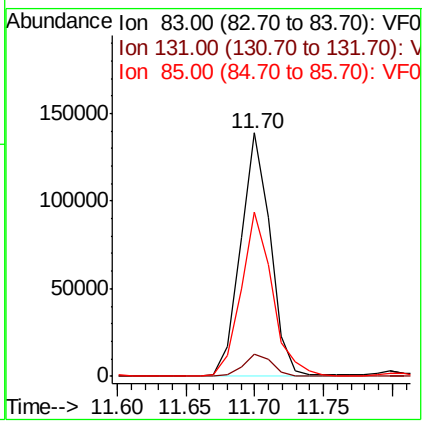




#75
1,1,2,2-Tetrachloroethane
Concen: 94.646 ug/l
RT: 11.70 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

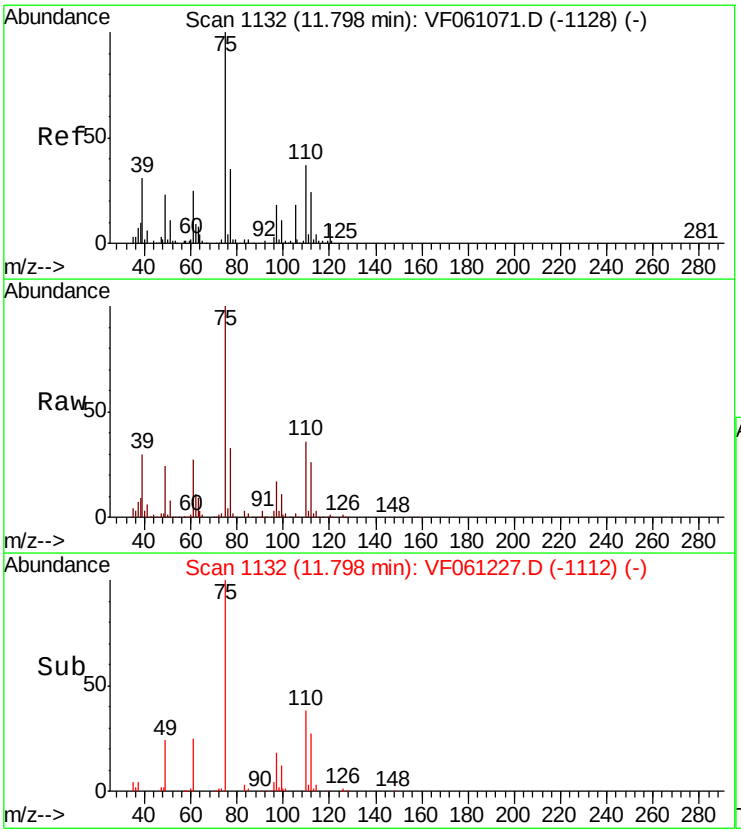
Tgt Ion: 83 Resp: 210157

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.8	14.3
85	67.6	33.9	101.6



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

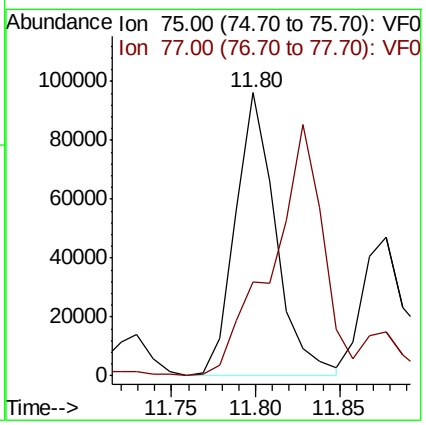
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

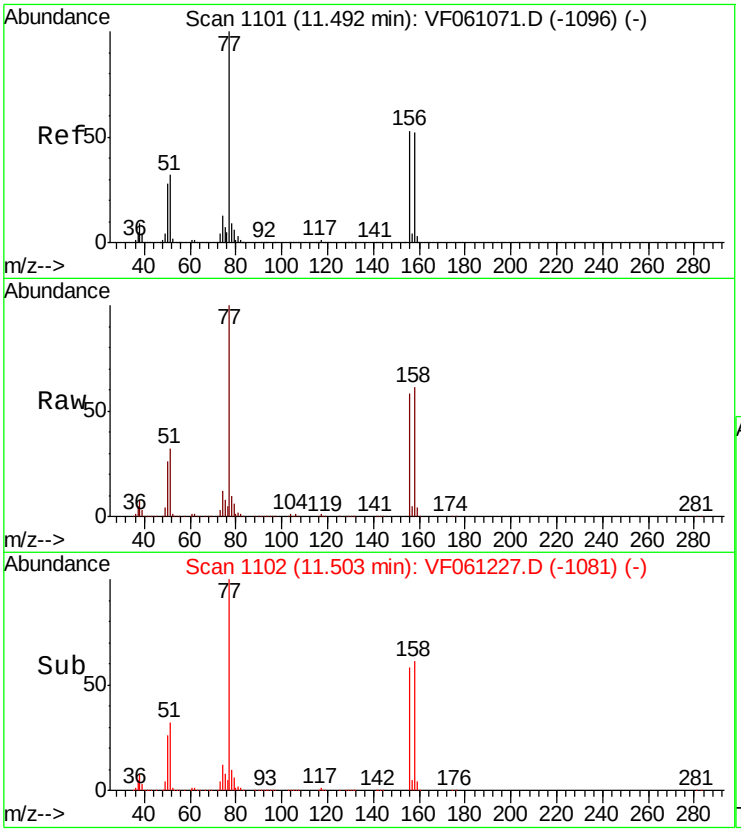


#76
1,2,3-Trichloropropane
Concen: 96.627 ug/l
RT: 11.80 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 75 Resp: 159671

Ion	Ratio	Lower	Upper
75	100		
77	33.0	17.6	52.9





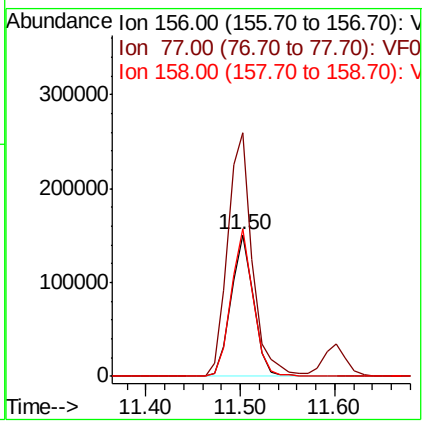
#77
Bromobenzene
Concen: 86.350 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

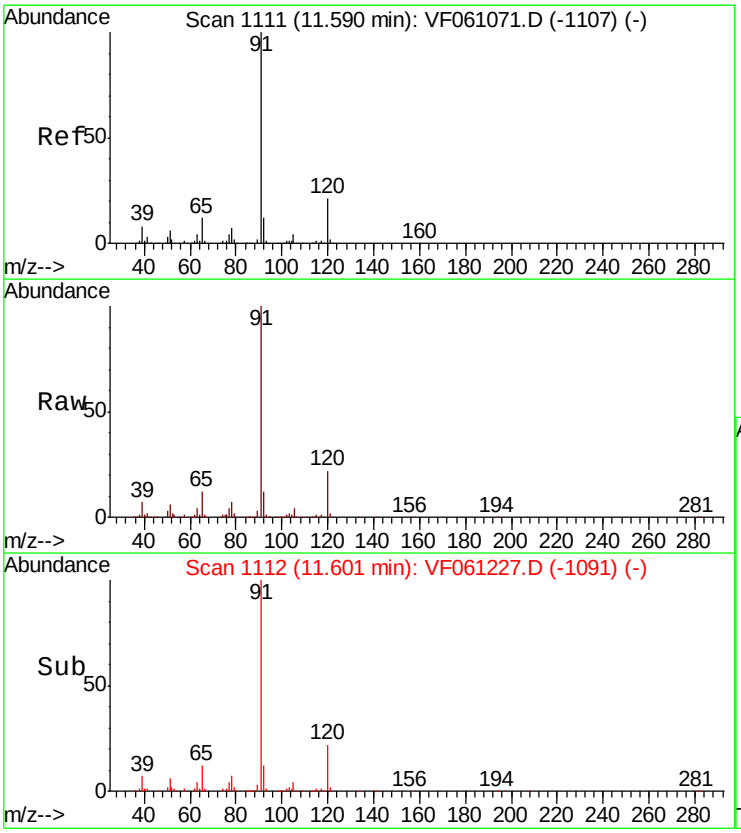
Tgt Ion:156 Resp: 248687

Ion	Ratio	Lower	Upper
156	100		
77	171.8	93.8	281.4
158	104.1	48.9	146.8

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

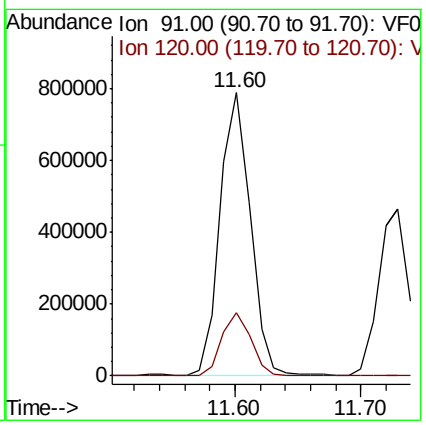


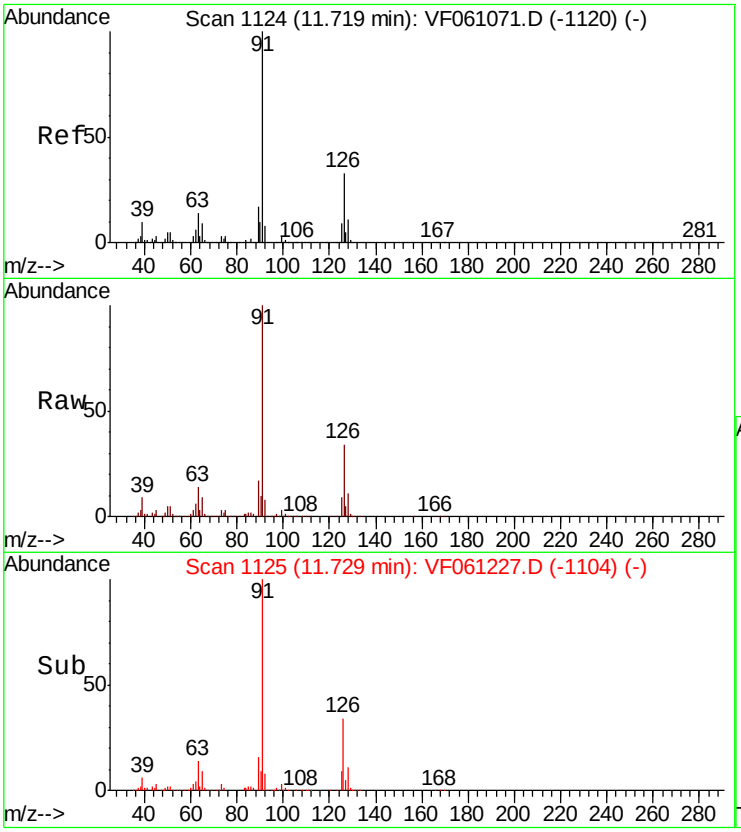


#78
n-propylbenzene
Concen: 118.144 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 91 Resp: 1309204

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.4	31.2

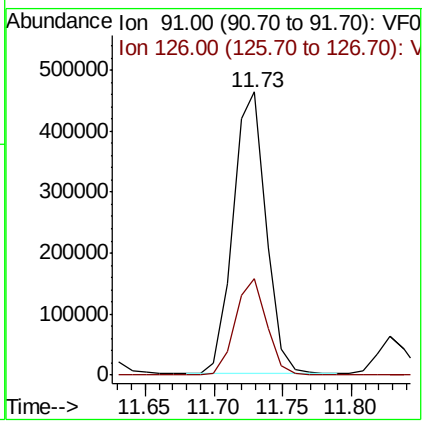




#79
2-Chlorotoluene
Concen: 84.152 ug/l
RT: 11.73 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

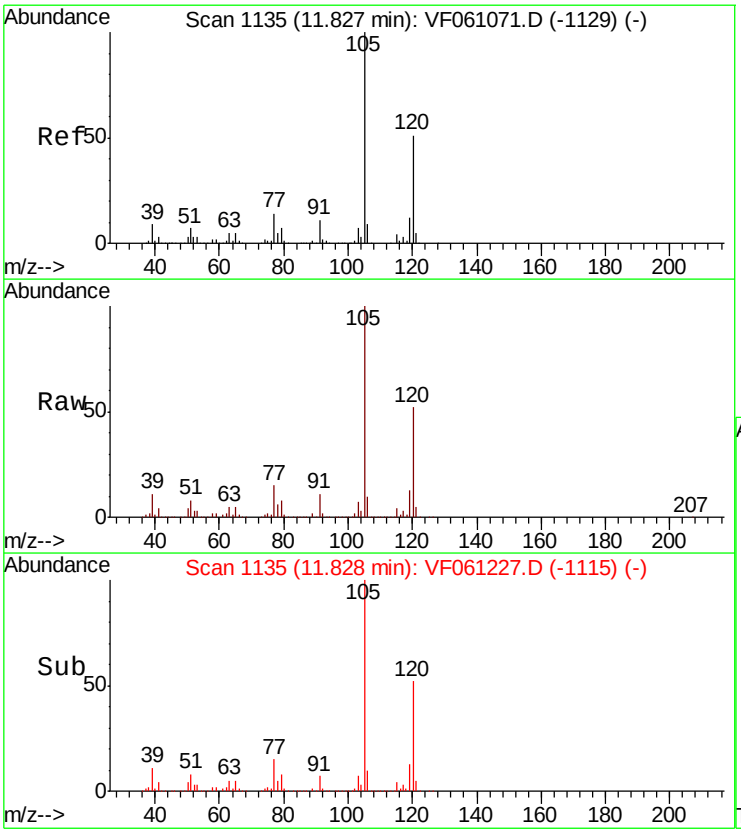
Tgt Ion: 91 Resp: 772336

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.4	49.1



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

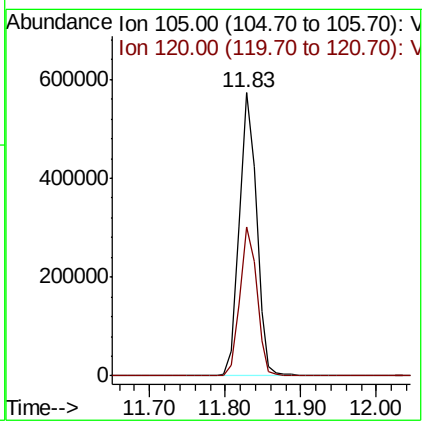
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

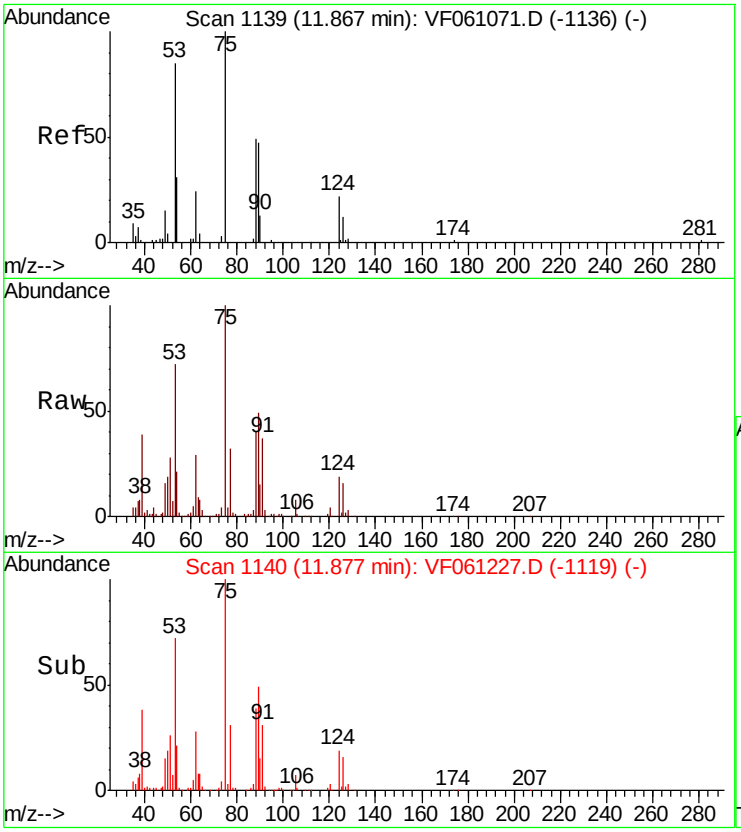


#80
1,3,5-Trimethylbenzene
Concen: 81.557 ug/l
RT: 11.83 min Scan# 1135
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:105 Resp: 898469

Ion	Ratio	Lower	Upper
105	100		
120	52.4	25.4	76.4





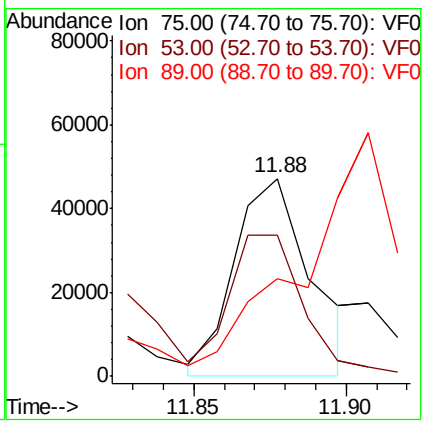
#81
trans-1,4-Dichloro-2-butene
Concen: 116.173 ug/l m
RT: 11.88 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

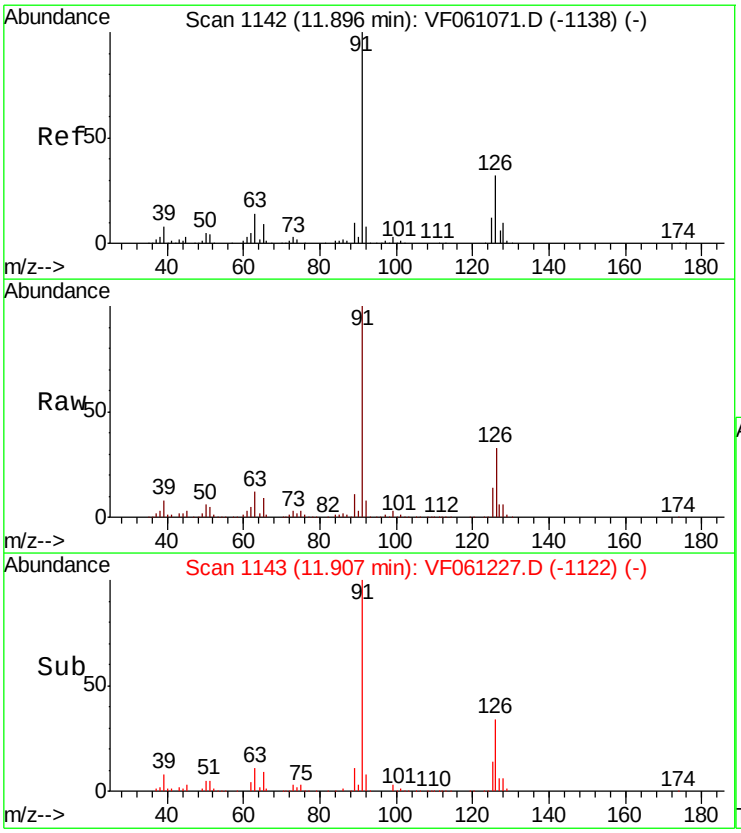
Tgt Ion: 75 Resp: 82491

Ion	Ratio	Lower	Upper
75	100		
53	71.6	74.1	111.1#
89	49.3	42.6	64.0

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

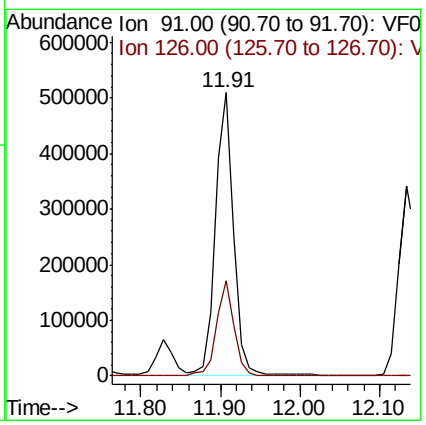


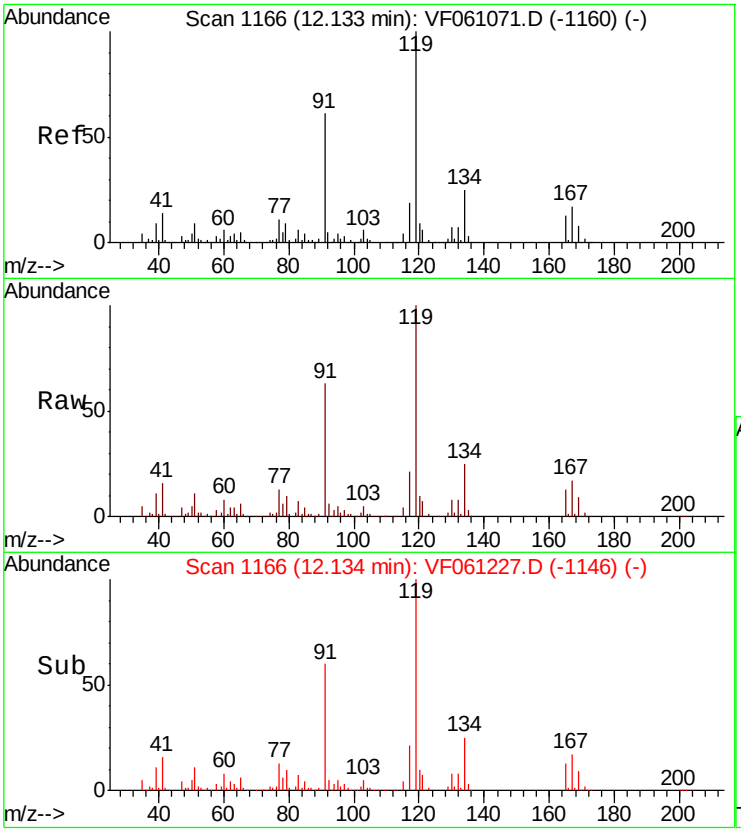


#82
4-Chlorotoluene
Concen: 85.558 ug/l
RT: 11.91 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 91 Resp: 812311

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.0	47.9

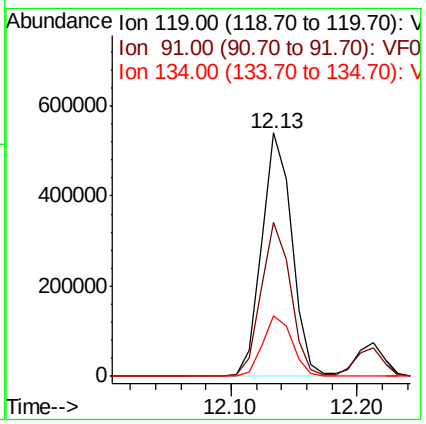




#83
tert-Butylbenzene
Concen: 79.758 ug/l
RT: 12.13 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

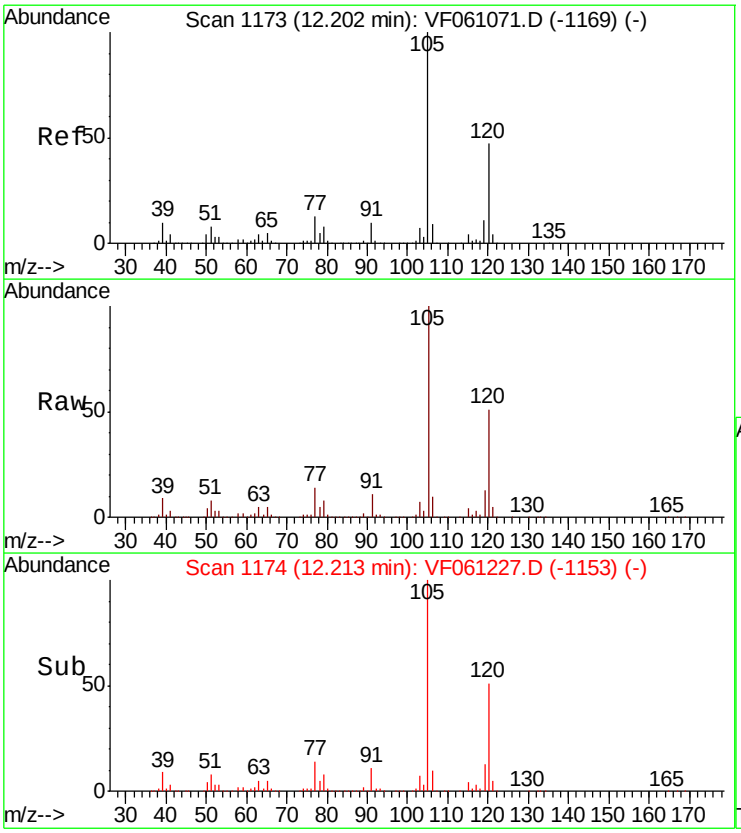
Tgt Ion:119 Resp: 904153

Ion	Ratio	Lower	Upper
119	100		
91	63.1	30.5	91.5
134	25.0	12.4	37.4



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

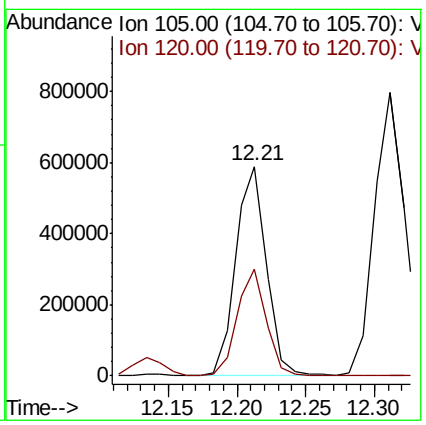
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

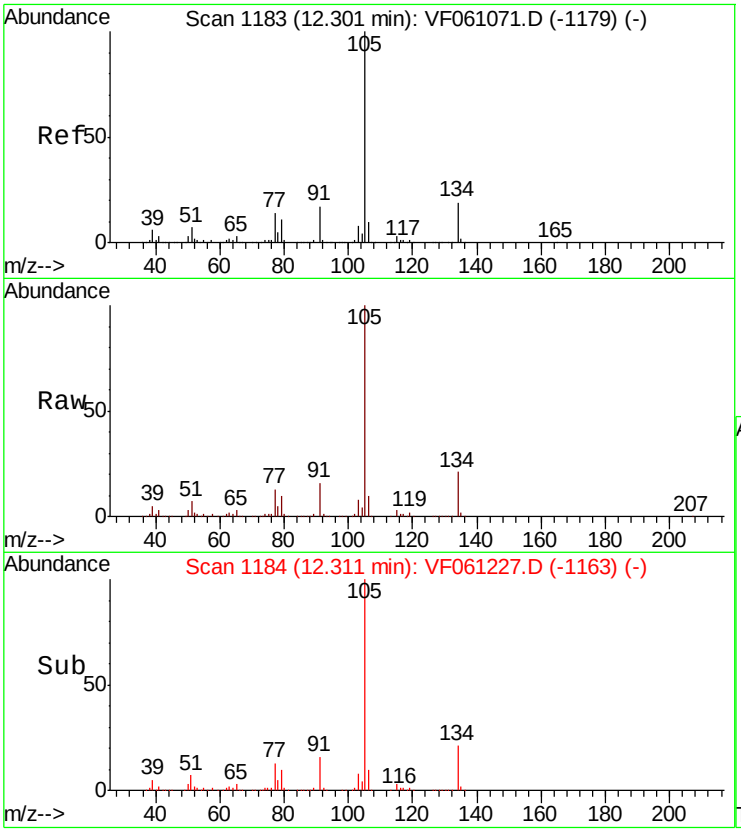


#84
1,2,4-Trimethylbenzene
Concen: 82.637 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:105 Resp: 907828

Ion	Ratio	Lower	Upper
105	100		
120	50.7	23.6	71.0





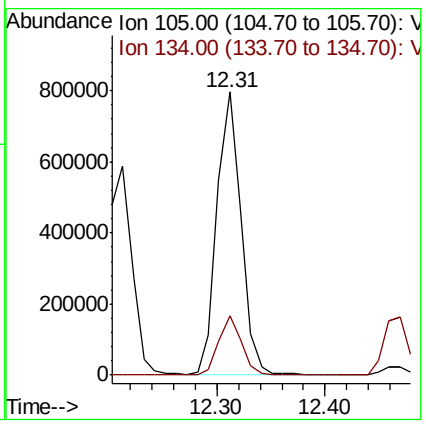
#85
sec-Butylbenzene
Concen: 83.434 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

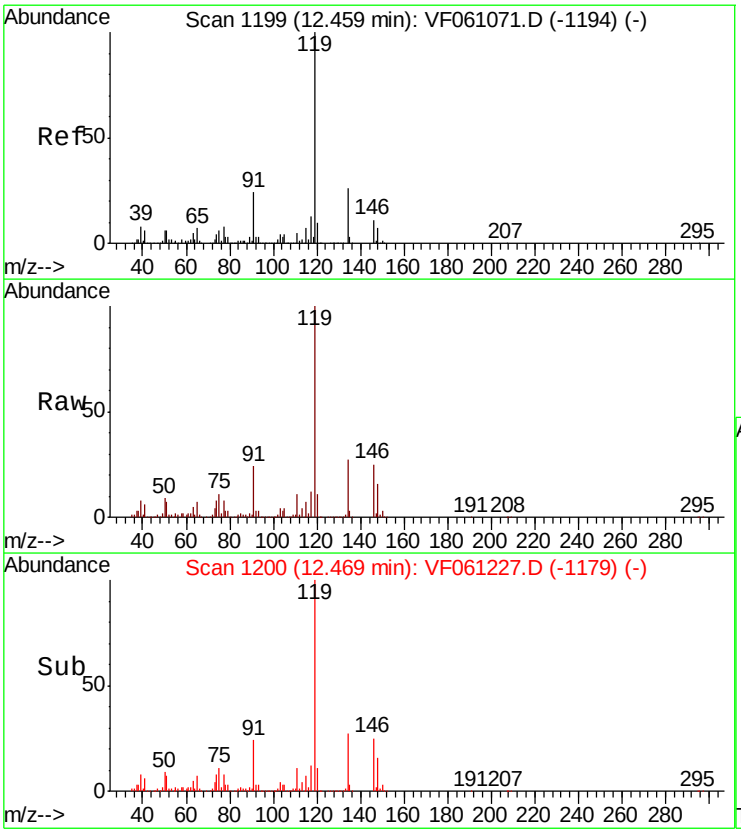
Tgt Ion:105 Resp: 1234312

Ion	Ratio	Lower	Upper
105	100		
134	20.9	9.4	28.2

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

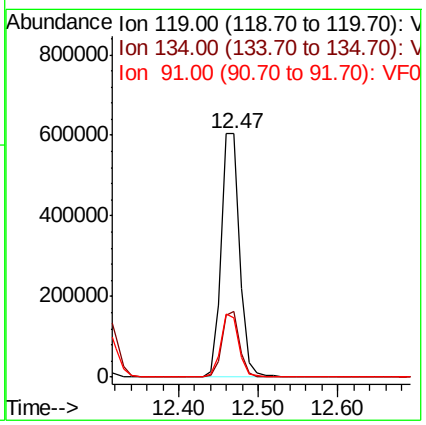


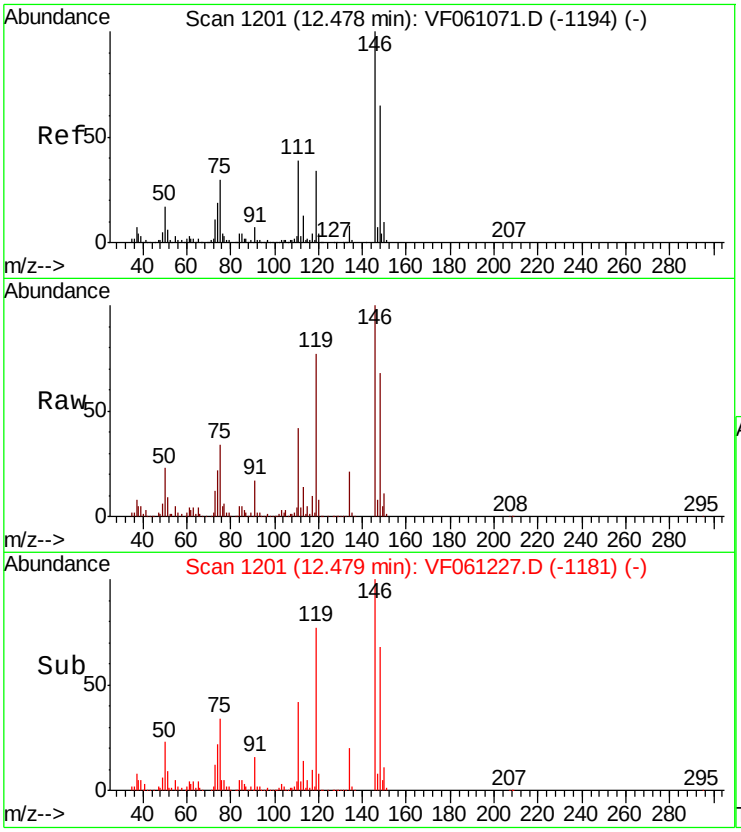


#86
p-Isopropyltoluene
Concen: 81.094 ug/l
RT: 12.47 min Scan# 1200
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:119 Resp: 995806

Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.8	38.4
91	24.2	12.2	36.6

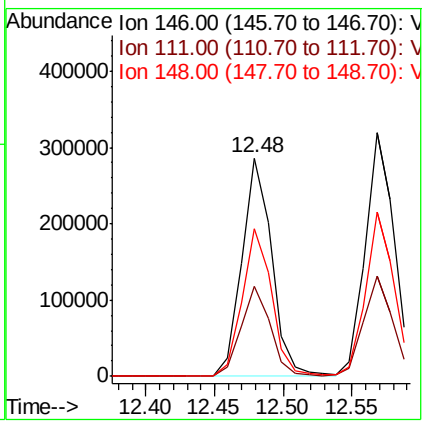




#87
1,3-Dichlorobenzene
Concen: 98.183 ug/l
RT: 12.48 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

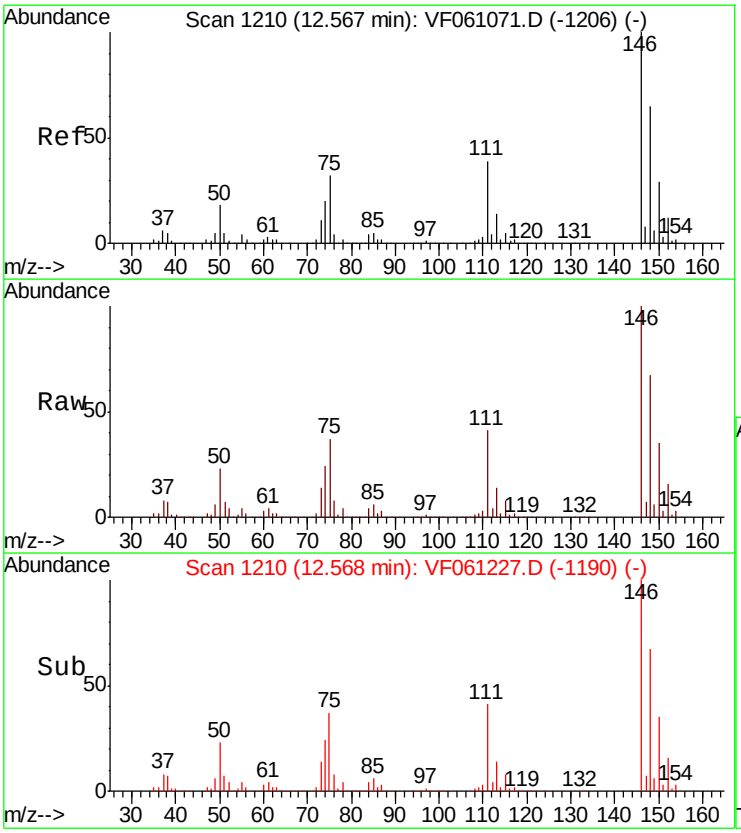
Tgt Ion:146 Resp: 437103

Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.3	57.9
148	67.9	32.4	97.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

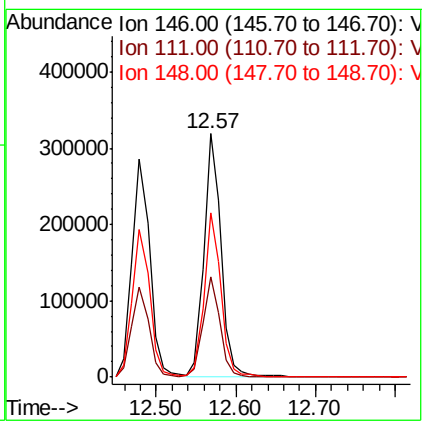
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

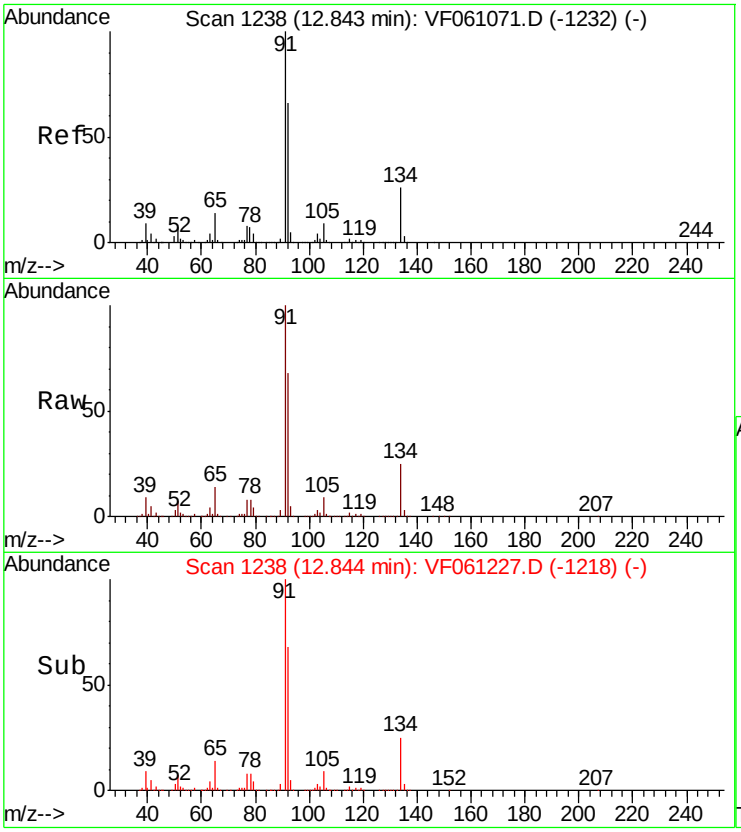


#88
1,4-Dichlorobenzene
Concen: 90.908 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:146 Resp: 480758

Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.4	58.4
148	67.4	32.4	97.0

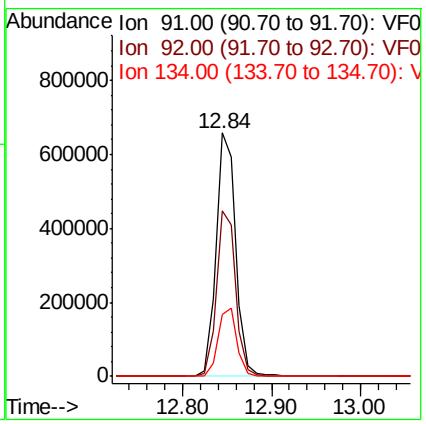




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.84 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

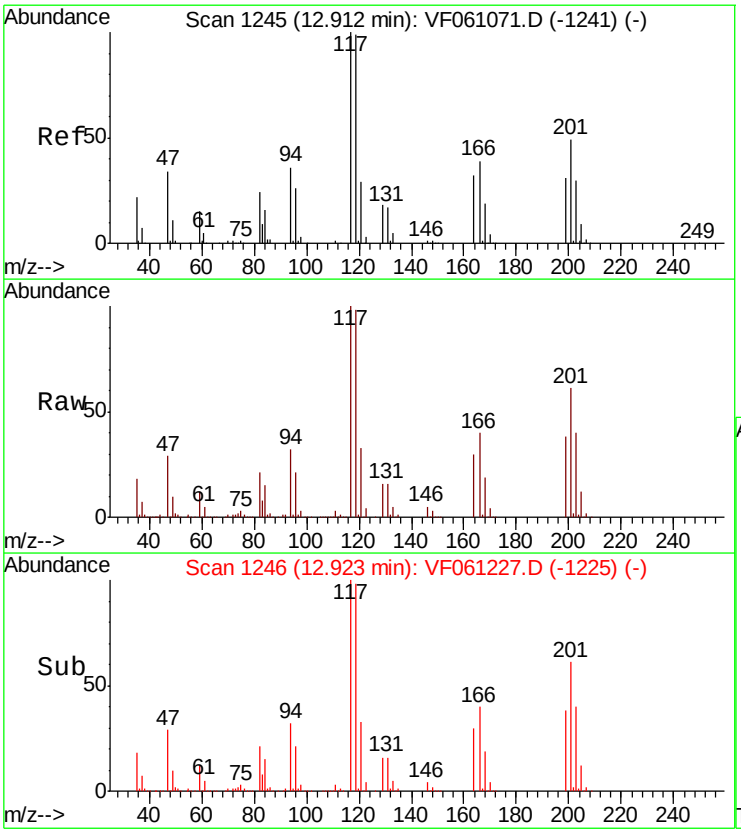
Tgt Ion: 91 Resp: 1016045

Ion	Ratio	Lower	Upper
91	100		
92	68.1	32.8	98.4
134	25.4	13.2	39.5



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

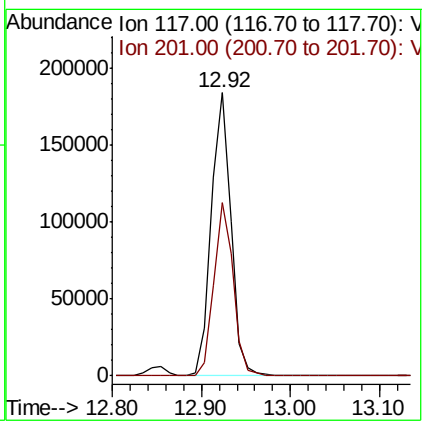
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

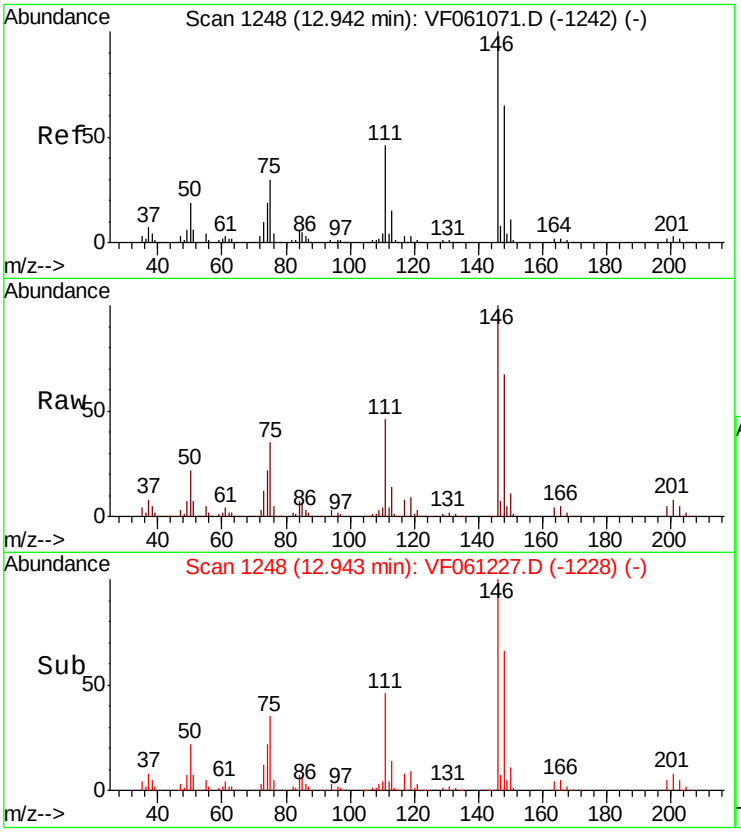


#90
Hexachloroethane
Concen: 93.548 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:117 Resp: 283809

Ion	Ratio	Lower	Upper
117	100		
201	61.1	24.9	74.8

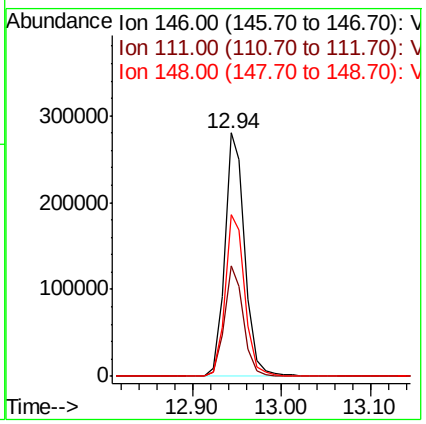




#91
1,2-Dichlorobenzene
Concen: 86.739 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

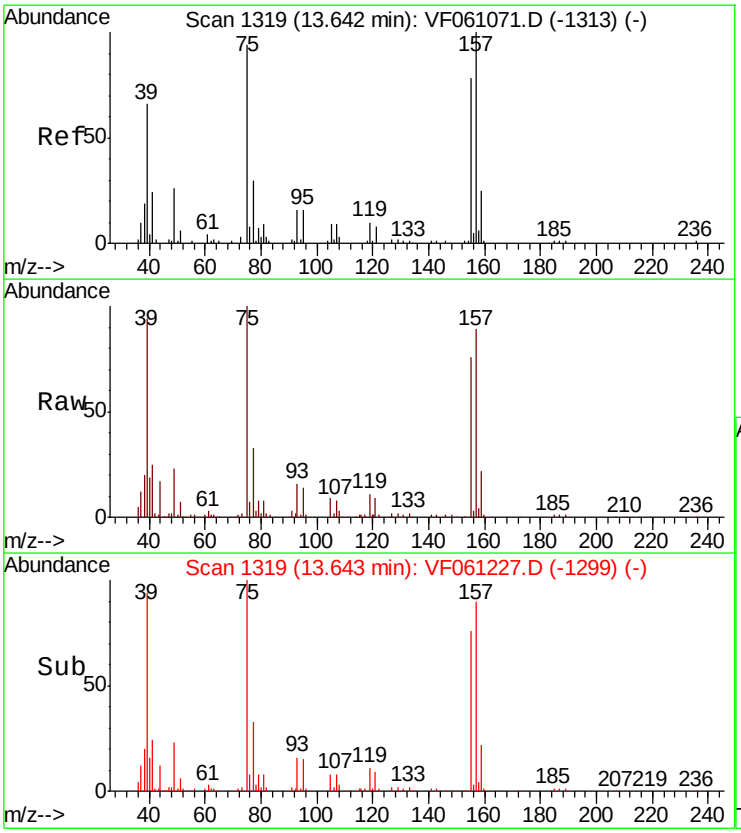
Tgt Ion:146 Resp: 446591

Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.2	69.5
148	66.5	32.4	97.0



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

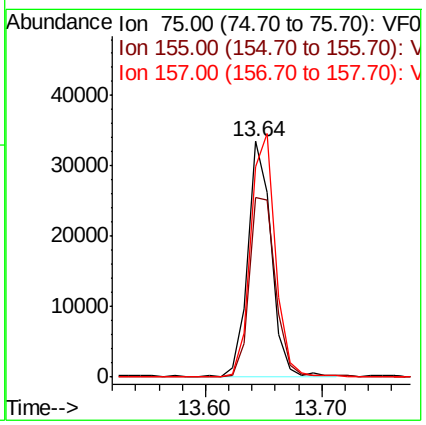
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

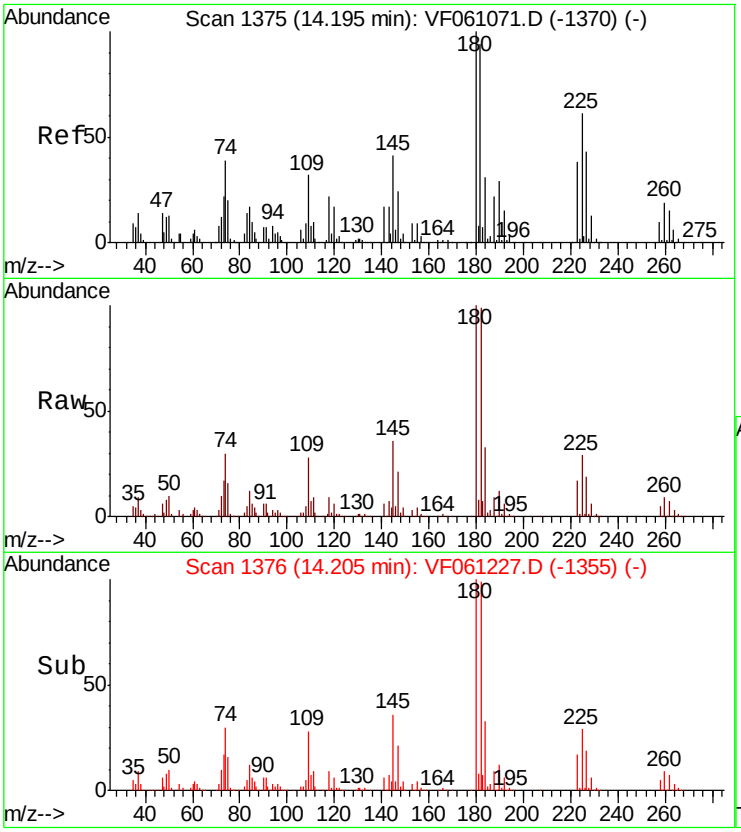


#92
1,2-Dibromo-3-Chloropropane
Concen: 115.703 ug/l
RT: 13.64 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion: 75 Resp: 47144

Ion	Ratio	Lower	Upper
75	100		
155	76.1	41.5	124.5
157	89.2	53.2	159.6

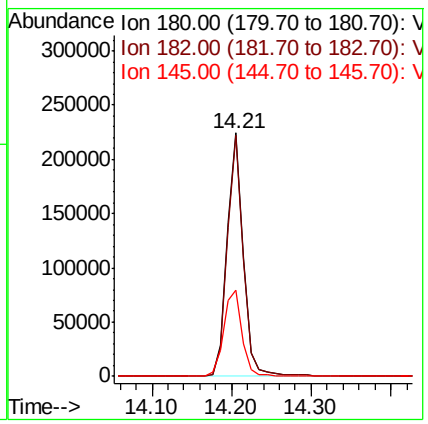




#93
1,2,4-Trichlorobenzene
Concen: 88.850 ug/l
RT: 14.21 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

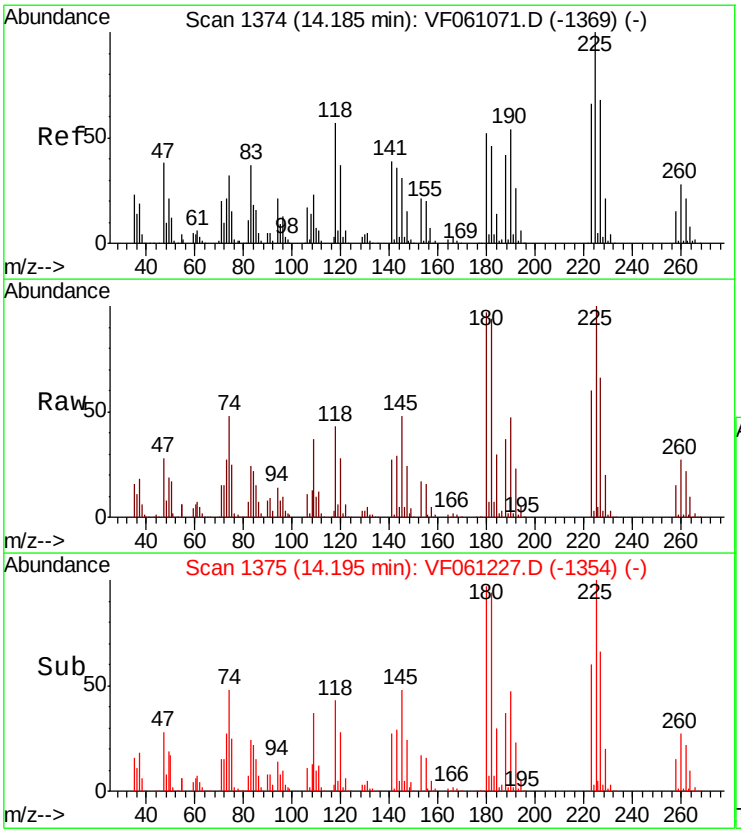
Tgt Ion:180 Resp: 324427

Ion	Ratio	Lower	Upper
180	100		
182	99.2	46.9	140.6
145	35.5	20.5	61.6



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

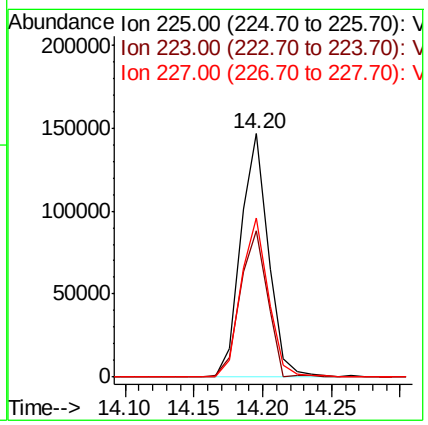
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM

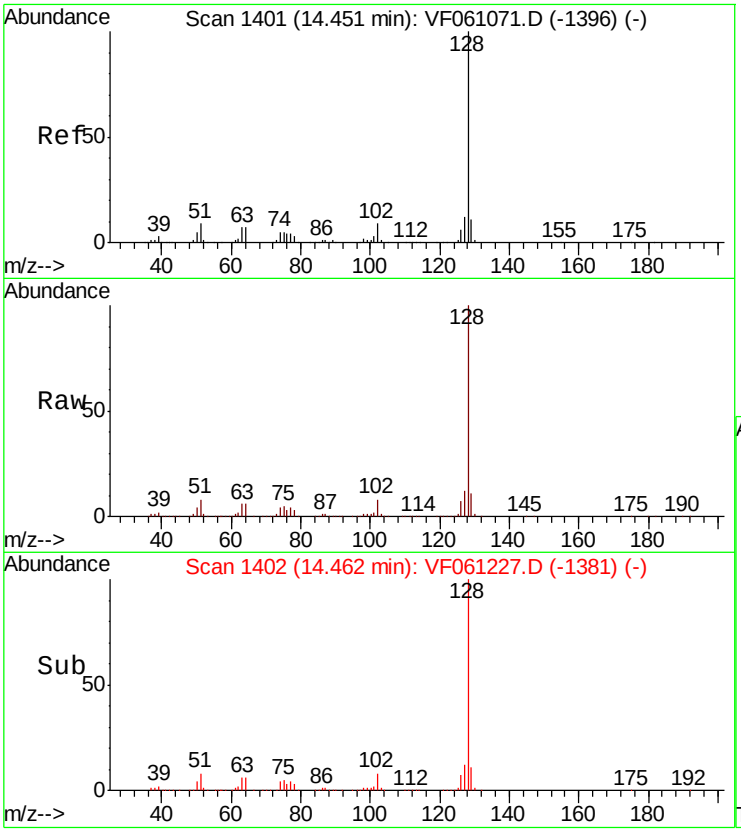


#94
Hexachlorobutadiene
Concen: 88.346 ug/l
RT: 14.20 min Scan# 1375
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:225 Resp: 205459

Ion	Ratio	Lower	Upper
225	100		
223	60.3	32.8	98.3
227	65.6	34.0	101.8

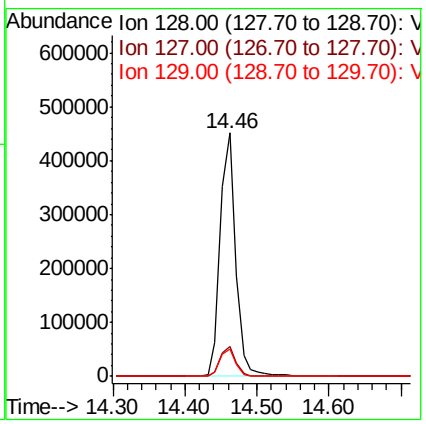




#95
Naphthalene
Concen: 101.024 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

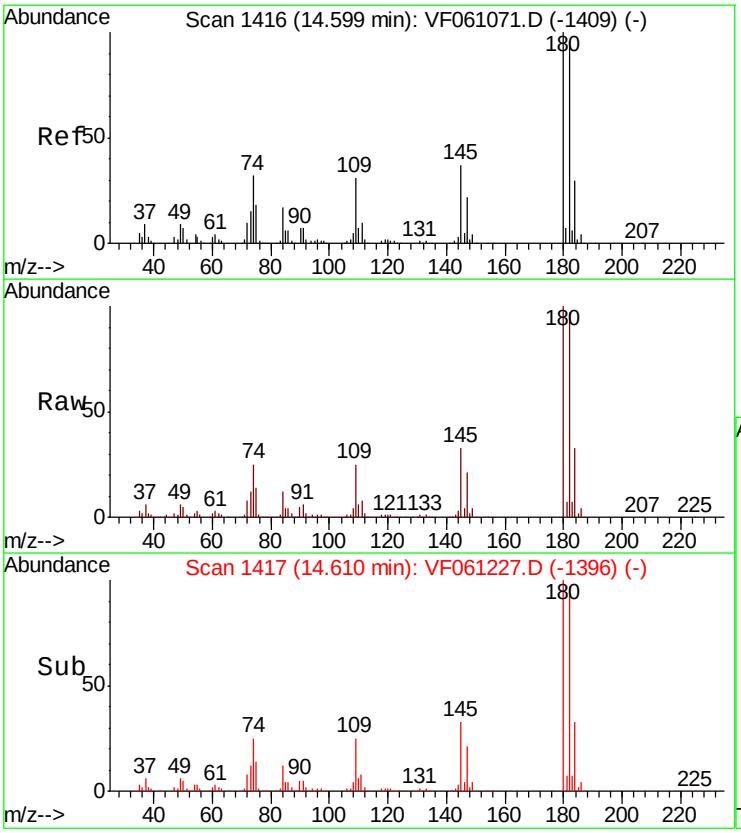
Tgt Ion:128 Resp: 673589

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.4	14.2
129	11.3	8.8	13.2



Instrument :
MSVOA_F
ClientSampleId :
VF1228SBS01

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 94.446 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF061227.D
Acq: 28 Dec 2018 11:01

Tgt Ion:180 Resp: 318808

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.8
145	33.4	18.6	55.8