Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112618\
Data File : VF060827.D
Acq On : 26 Nov 2018 17:33
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:46:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 00:28:26 2018
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	214935	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.64	114	340360	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.81	117	314240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	180317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	23821	9.57	ug/l	-0.01
Spiked Amount 50.000			Recovery = 19.14%			
35) Dibromofluoromethane	4.15	113	26869	10.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 20.44%			
50) Toluene-d8	7.58	98	81237	10.56	ug/l	-0.01
Spiked Amount 50.000			Recovery = 21.12%			
62) 4-Bromofluorobenzene	11.44	95	38703	10.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 21.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	33287	8.972	ug/l	93
3) Chloromethane	1.11	50	22868	10.040	ug/l	91
4) Vinyl Chloride	1.16	62	20064	9.686	ug/l	96
5) Bromomethane	1.33	94	14963	11.155	ug/l	81
6) Chloroethane	1.39	64	8371	10.326	ug/l	97
7) Trichlorofluoromethane	1.49	101	43422	9.527	ug/l	98
8) Diethyl Ether	1.64	74	6229	10.461	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.83	101	22295	10.193	ug/l	99
10) Methyl Iodide	1.90	142	34177	9.808	ug/l	96
11) Tert butyl alcohol	2.60	59	4743	43.153	ug/l	94
12) 1,1-Dichloroethene	1.80	96	17174	9.862	ug/l	94
13) Acrolein	2.02	56	4715	45.369	ug/l	91
14) Allyl chloride	2.12	41	22679	7.482	ug/l	89
15) Acrylonitrile	2.96	53	12532	53.372	ug/l	95
16) Acetone	2.25	43	24557	48.877	ug/l	98
17) Carbon Disulfide	1.84	76	46981	9.192	ug/l	95
18) Methyl Acetate	2.36	43	8611	10.261	ug/l	92
19) Methyl tert-butyl Ether	2.45	73	38889	9.465	ug/l	93
20) Methylene Chloride	2.24	84	18996m	9.820	ug/l	
21) trans-1,2-Dichloroethene	2.32	96	17899	10.093	ug/l	95
22) Diisopropyl ether	2.83	45	62373	10.638	ug/l	97
23) Vinyl Acetate	3.21	43	128194	46.974	ug/l	100
24) 1,1-Dichloroethane	2.90	63	35206	9.822	ug/l	96
25) 2-Butanone	4.38	43	40849	48.200	ug/l	97
26) 2,2-Dichloropropane	3.63	77	23003	8.438	ug/l	95
27) cis-1,2-Dichloroethene	3.50	96	26097	8.661	ug/l	95
28) Bromochloromethane	3.75	49	17837	9.859	ug/l	96
29) Tetrahydrofuran	4.11	42	18695	53.388	ug/l	95
30) Chloroform	3.89	83	55487	9.894	ug/l	91
31) Cyclohexane	3.72	56	36744	8.749	ug/l	95
32) 1,1,1-Trichloroethane	4.13	97	39806	9.042	ug/l	95
36) 1,1-Dichloropropene	4.32	75	40625	10.344	ug/l	98
37) Ethyl Acetate	4.15	43	15618	10.539	ug/l #	80
38) Carbon Tetrachloride	4.03	117	37308	9.768	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112618\
Data File : VF060827.D
Acq On : 26 Nov 2018 17:33
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:46:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 00:28:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	5.49	83	41063	9.172 ug/l		98
40) Benzene	4.66	78	89128	10.207 ug/l		100
41) Methacrylonitrile	4.77	41	10783	12.151 ug/l	#	88
42) 1,2-Dichloroethane	4.98	62	30401	9.873 ug/l		93
43) Isopropyl Acetate	6.99	43	21718	10.985 ug/l	#	99
44) Trichloroethene	5.54	130	29473	10.571 ug/l		85
45) 1,2-Dichloropropane	6.27	63	22498	9.727 ug/l		99
46) Dibromomethane	6.12	93	14211	9.376 ug/l		99
47) Bromodichloromethane	6.42	83	38643	10.001 ug/l		94
48) Methyl methacrylate	6.74	41	14015	10.595 ug/l	#	88
49) 1,4-Dioxane	6.73	88	1719	142.395 ug/l	#	79
51) 4-Methyl-2-Pentanone	8.29	43	77731	54.932 ug/l		95
52) Toluene	7.66	92	63727	10.872 ug/l		92
53) t-1,3-Dichloropropene	8.31	75	33467	10.682 ug/l		96
54) cis-1,3-Dichloropropene	7.33	75	41417	10.112 ug/l		99
55) 1,1,2-Trichloroethane	8.52	97	17388	10.286 ug/l		96
56) Ethyl methacrylate	8.65	69	19911	10.259 ug/l		95
57) 1,3-Dichloropropane	8.88	76	30687	10.295 ug/l		100
58) 2-Chloroethyl Vinyl ether	7.32	63	9123	51.722 ug/l		97
59) 2-Hexanone	9.52	43	54362	54.381 ug/l		93
60) Dibromochloromethane	8.75	129	25935	10.611 ug/l		96
61) 1,2-Dibromoethane	9.02	107	18679	10.470 ug/l		88
64) Tetrachloroethene	8.18	164	25571	10.595 ug/l		97
65) Chlorobenzene	9.83	112	64257	10.191 ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.97	131	28886	10.699 ug/l		97
67) Ethyl Benzene	9.93	91	123281	10.440 ug/l		100
68) m/p-Xylenes	10.17	106	91935	21.862 ug/l		97
69) o-Xylene	10.74	106	51267	10.885 ug/l		91
70) Styrene	10.82	104	71055	11.049 ug/l		99
71) Bromoform	10.81	173	13834	11.277 ug/l		86
73) Isopropylbenzene	11.15	105	149117	10.320 ug/l		99
74) N-amyl acetate	11.40	43	33991	10.194 ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.71	83	25605	10.754 ug/l		97
76) 1,2,3-Trichloropropane	11.82	75	17463	9.760 ug/l		96
77) Bromobenzene	11.52	156	32214	10.520 ug/l		80
78) n-propylbenzene	11.62	91	180872	10.594 ug/l		99
79) 2-Chlorotoluene	11.74	91	105440	10.746 ug/l		98
80) 1,3,5-Trimethylbenzene	11.84	105	121754	10.566 ug/l		95
81) trans-1,4-Dichloro-2-buten	11.89	75	9372m	10.803 ug/l		
82) 4-Chlorotoluene	11.92	91	105535	10.467 ug/l		100
83) tert-Butylbenzene	12.16	119	127969	10.617 ug/l		97
84) 1,2,4-Trimethylbenzene	12.23	105	122890	10.292 ug/l		97
85) sec-Butylbenzene	12.33	105	170700	10.355 ug/l		98
86) p-Isopropyltoluene	12.48	119	143952	10.519 ug/l		98
87) 1,3-Dichlorobenzene	12.49	146	64509	10.736 ug/l		96
88) 1,4-Dichlorobenzene	12.58	146	61009	10.598 ug/l		93
89) n-Butylbenzene	12.87	91	148258	10.452 ug/l		96
90) Hexachloroethane	12.94	117	33205	9.904 ug/l		93
91) 1,2-Dichlorobenzene	12.97	146	58964	10.351 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.67	75	4347	9.721 ug/l		92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112618\
Data File : VF060827.D
Acq On : 26 Nov 2018 17:33
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

Quant Time: Nov 27 00:46:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 00:28:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.22	180	41424	10.273	ug/l	98
94) Hexachlorobutadiene	14.21	225	27513	10.517	ug/l	98
95) Naphthalene	14.48	128	94535	12.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.62	180	36901	9.989	ug/l	94

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

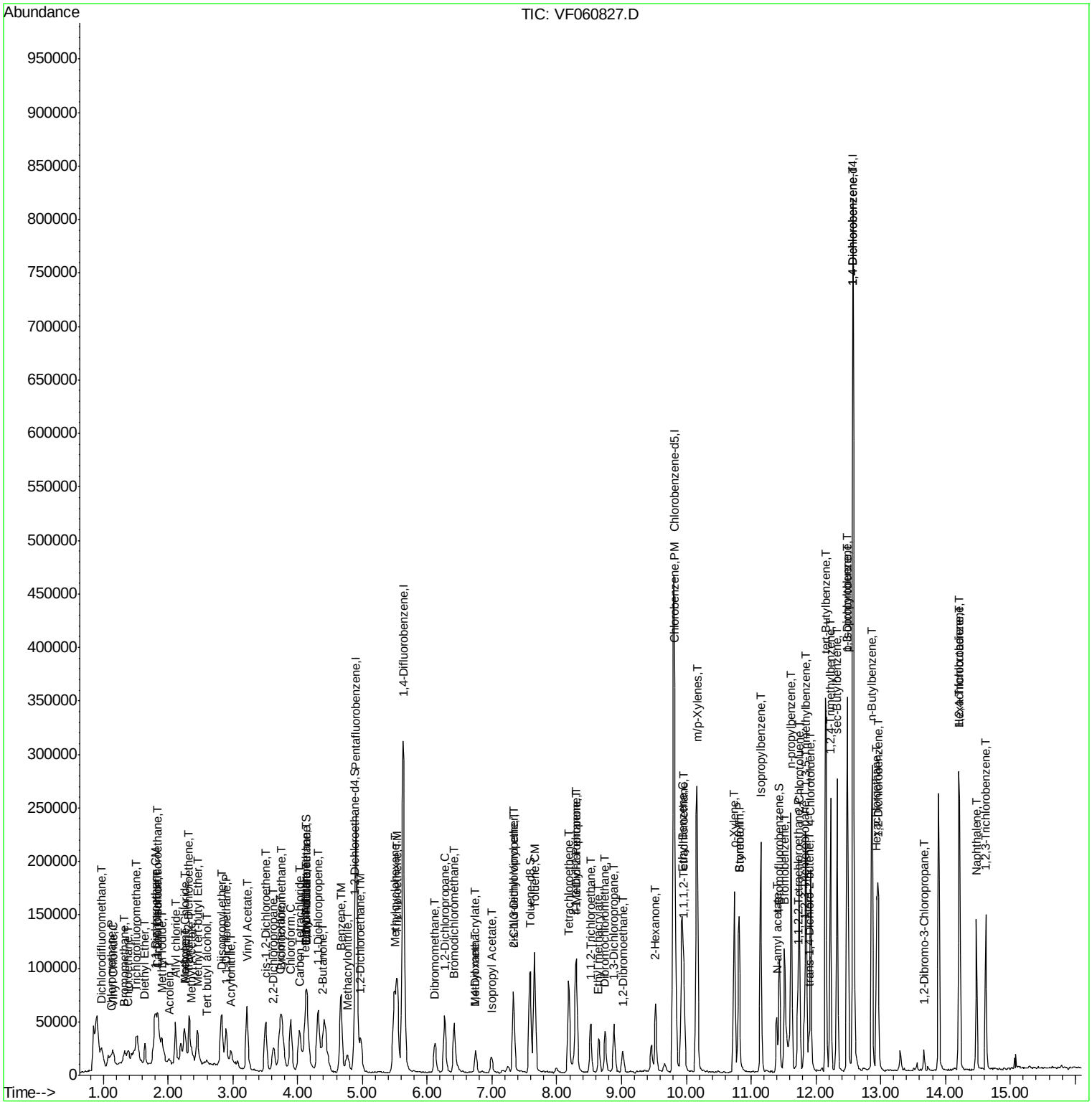
Quantitation Report (QT Reviewed)

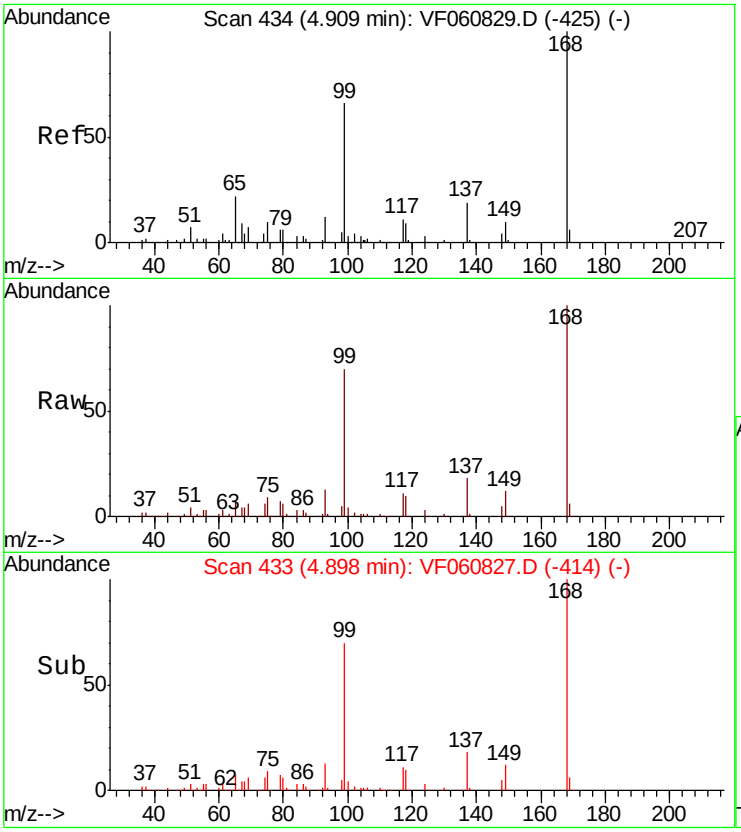
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112618\
Data File : VF060827.D
Acq On : 26 Nov 2018 17:33
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:46:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 00:28:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

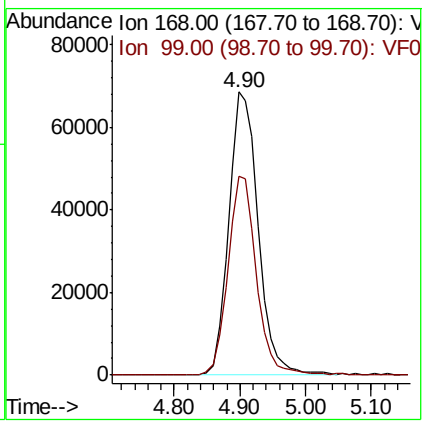




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

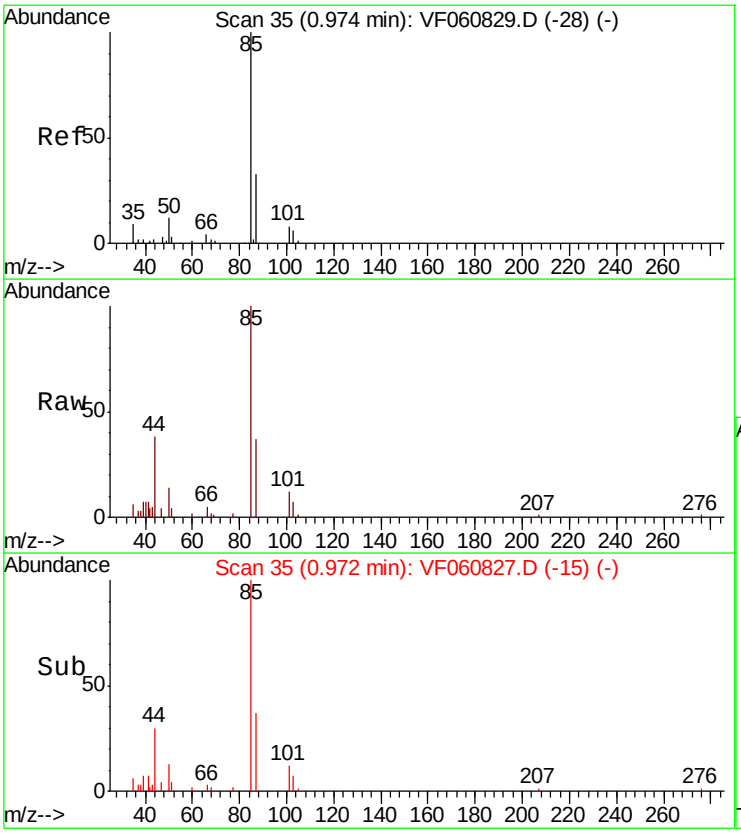
Tgt Ion:168 Resp: 214935

Ion	Ratio	Lower	Upper
168	100		
99	70.5	52.6	79.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

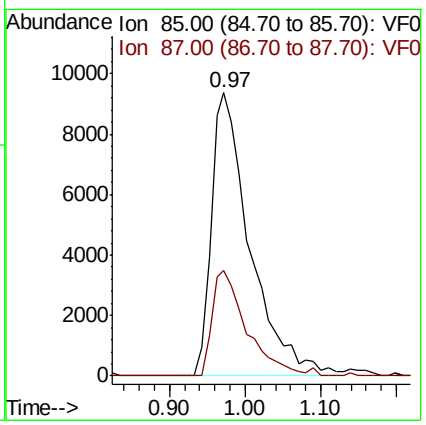
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

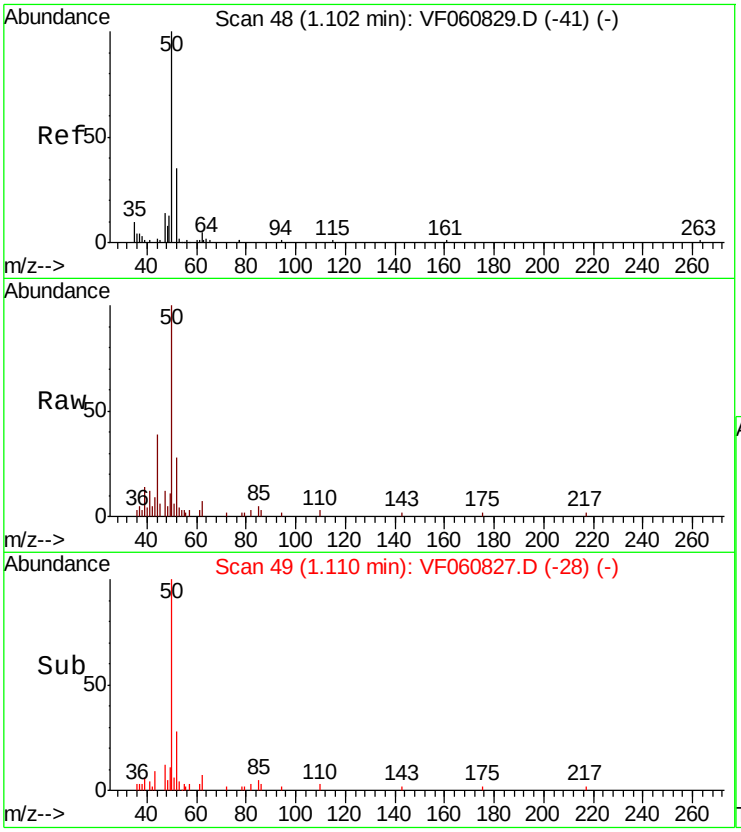


#2
Dichlorodifluoromethane
Concen: 8.972 ug/l
RT: 0.97 min Scan# 35
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 85 Resp: 33287

Ion	Ratio	Lower	Upper
85	100		
87	37.5	16.7	50.0

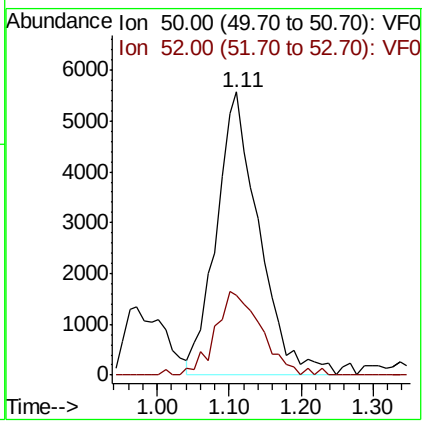




#3
Chloromethane
Concen: 10.040 ug/l
RT: 1.11 min Scan# 49
Delta R.T. 0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

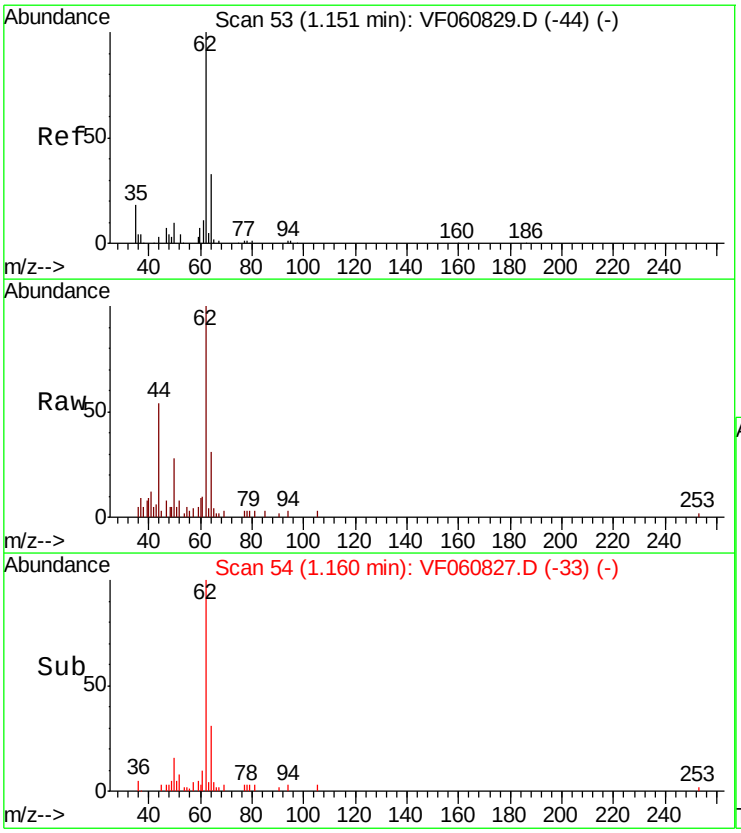
Tgt Ion: 50 Resp: 22868

Ion	Ratio	Lower	Upper
50	100		
52	28.4	27.0	40.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

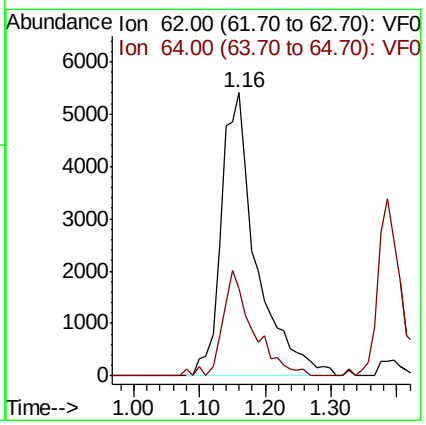
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

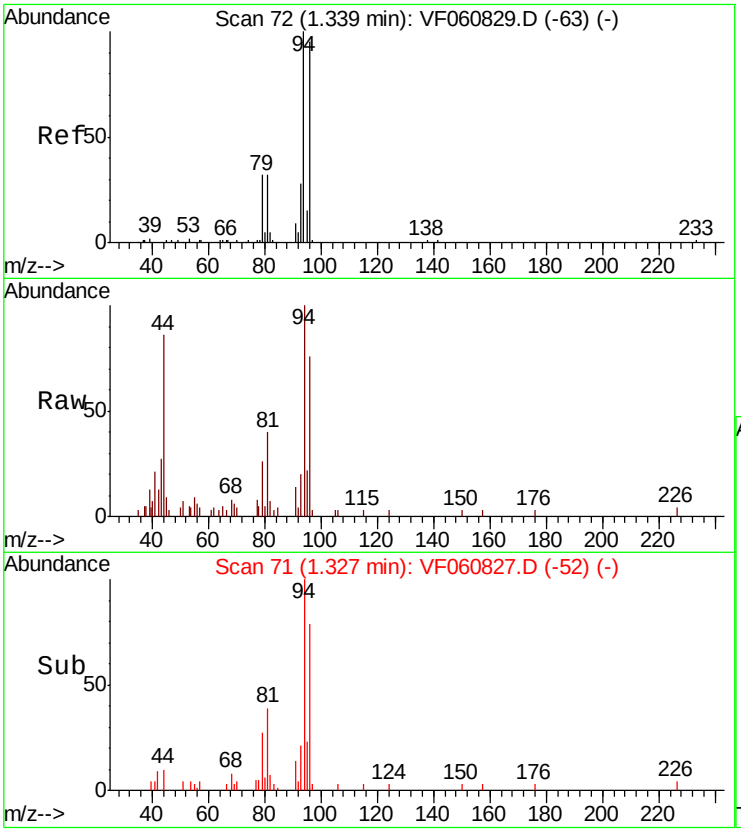


#4
Vinyl Chloride
Concen: 9.686 ug/l
RT: 1.16 min Scan# 54
Delta R.T. 0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 62 Resp: 20064

Ion	Ratio	Lower	Upper
62	100		
64	30.7	26.4	39.6

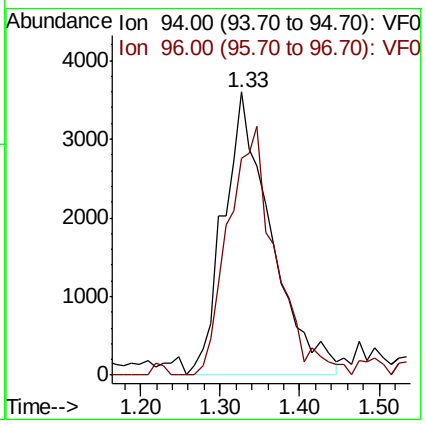




#5
Bromomethane
Concen: 11.155 ug/l
RT: 1.33 min Scan# 71
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

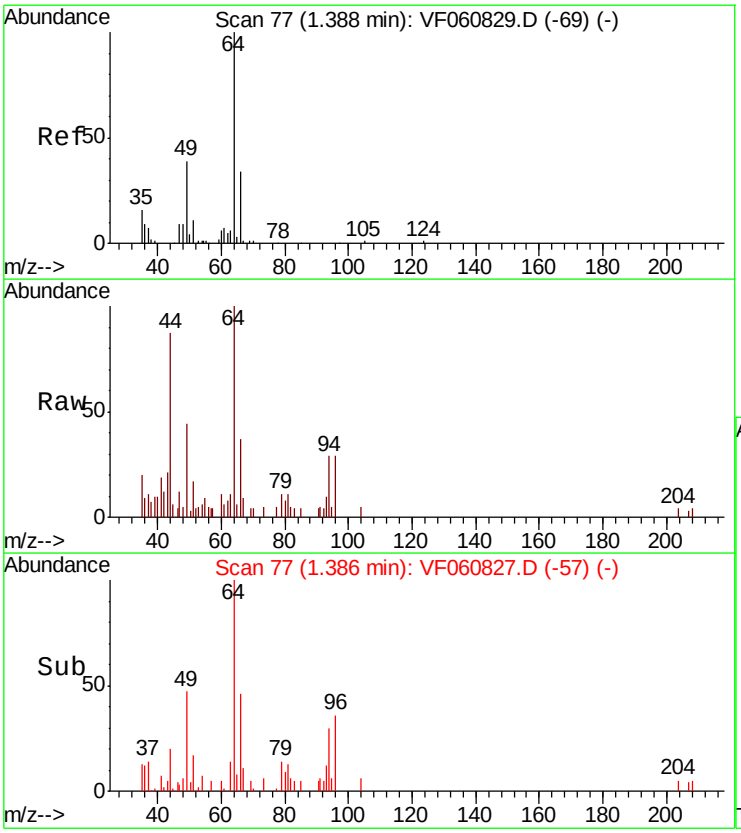
Tgt Ion: 94 Resp: 14963

Ion	Ratio	Lower	Upper
94	100		
96	76.4	75.9	113.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

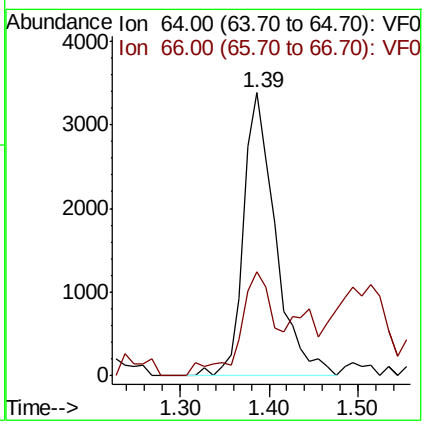
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

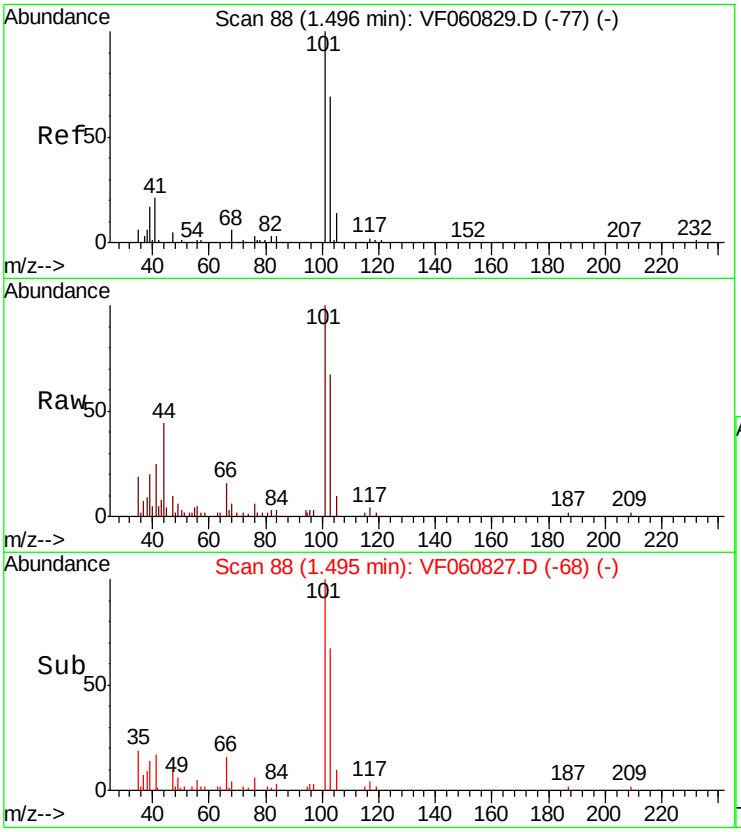


#6
Chloroethane
Concen: 10.326 ug/l
RT: 1.39 min Scan# 77
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 64 Resp: 8371

Ion	Ratio	Lower	Upper
64	100		
66	36.9	28.1	42.1

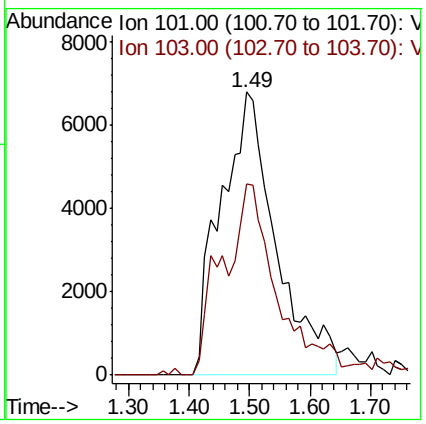




#7
Trichlorofluoromethane
Concen: 9.527 ug/l
RT: 1.49 min Scan# 88
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

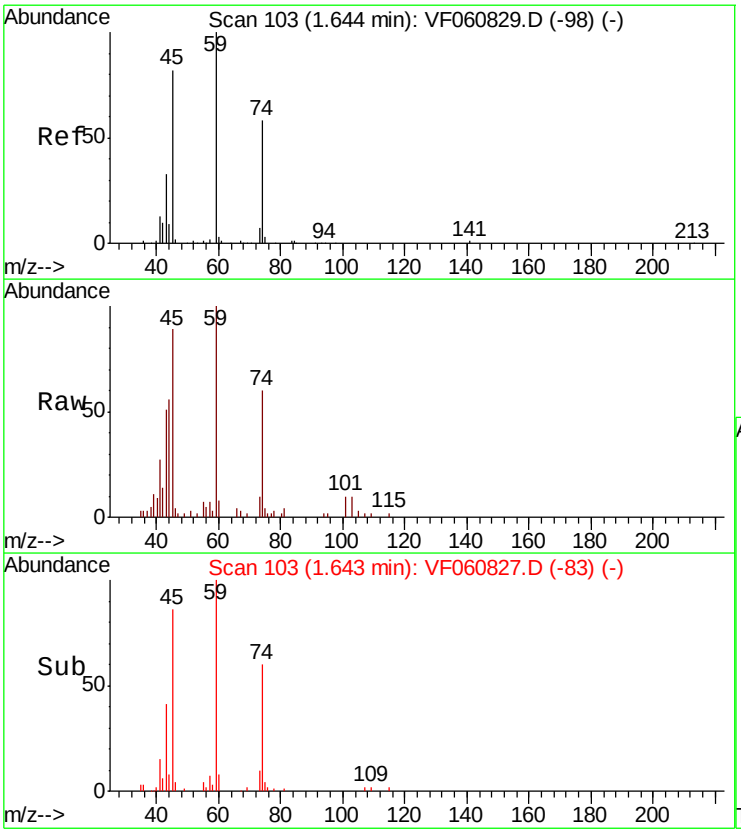
Tgt Ion:101 Resp: 43422

Ion	Ratio	Lower	Upper
101	100		
103	67.5	55.4	83.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

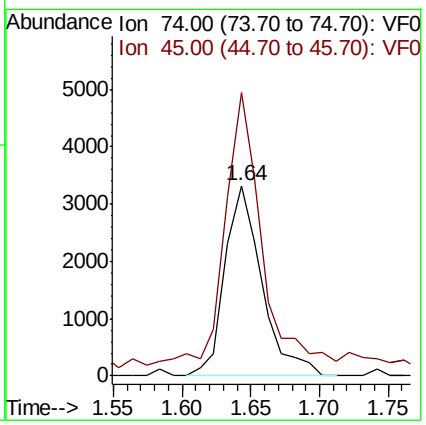
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

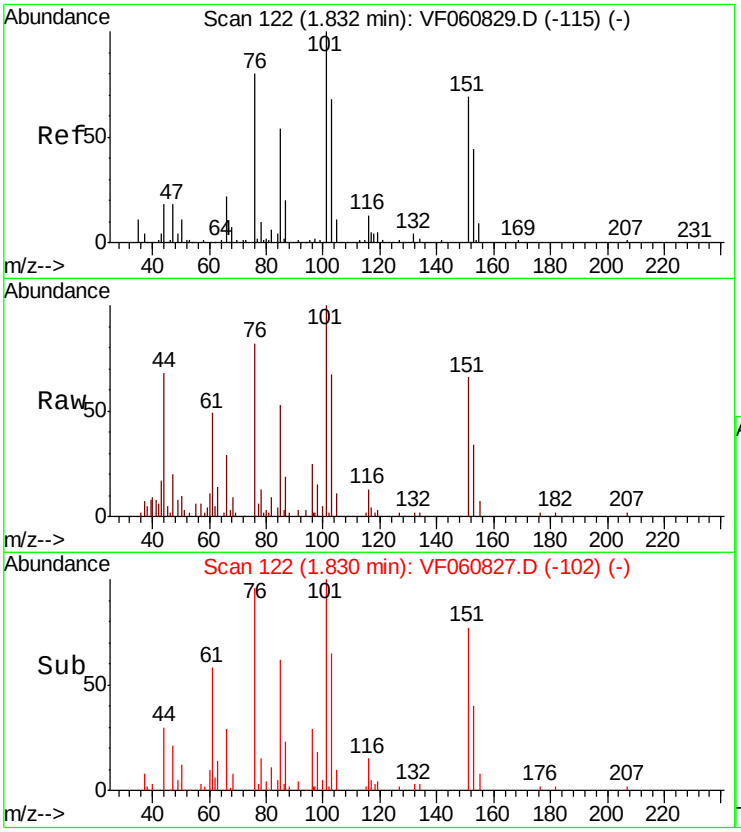


#8
Diethyl Ether
Concen: 10.461 ug/l
RT: 1.64 min Scan# 103
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 74 Resp: 6229

Ion	Ratio	Lower	Upper
74	100		
45	148.8	71.0	212.8





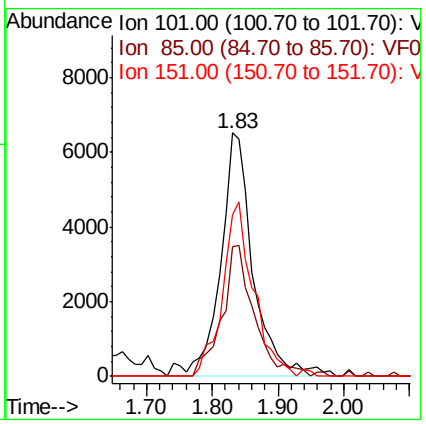
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.193 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

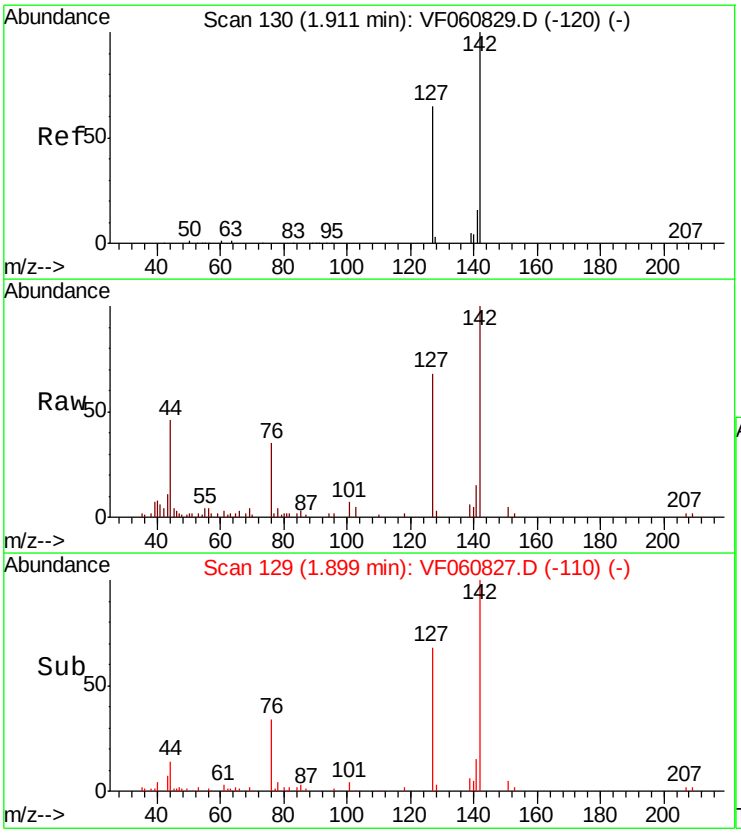
Tgt Ion:101 Resp: 22295

Ion	Ratio	Lower	Upper
101	100		
85	53.1	42.8	64.2
151	66.3	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

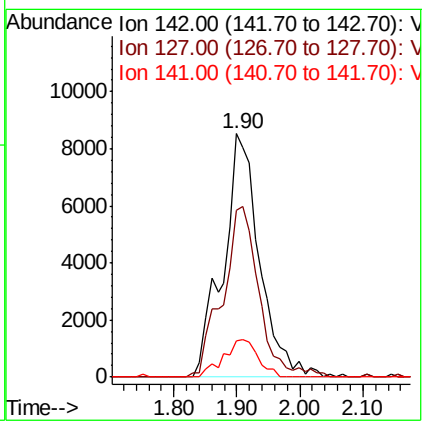


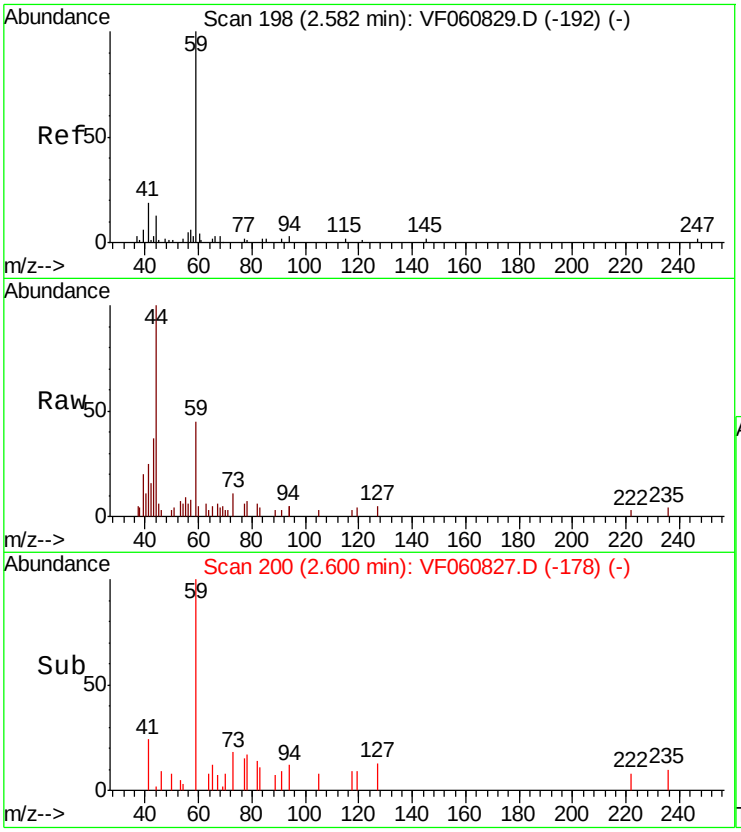


#10
Methyl Iodide
Concen: 9.808 ug/l
RT: 1.90 min Scan# 129
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:142 Resp: 34177

Ion	Ratio	Lower	Upper
142	100		
127	68.4	51.9	77.9
141	14.8	12.7	19.1

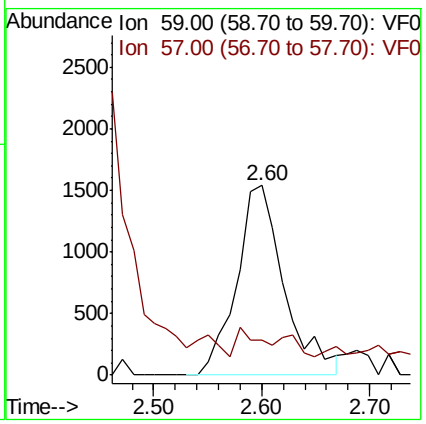




#11
Tert butyl alcohol
Concen: 43.153 ug/l
RT: 2.60 min Scan# 200
Delta R.T. 0.02 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

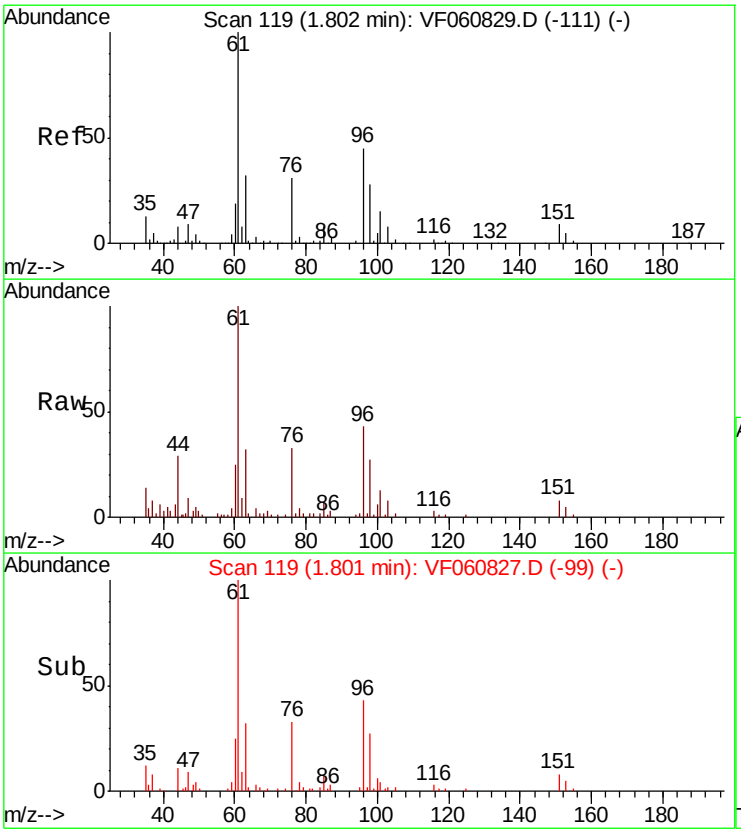
Tgt Ion: 59 Resp: 4743

Ion	Ratio	Lower	Upper
59	100		
57	18.2	12.7	19.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

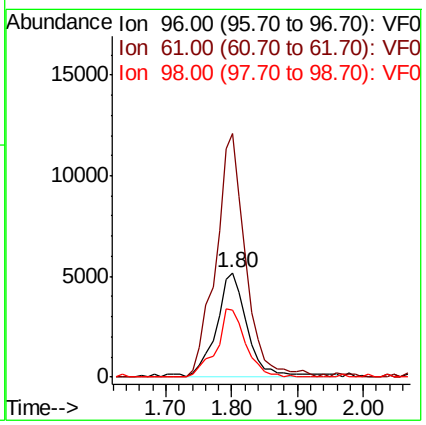
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

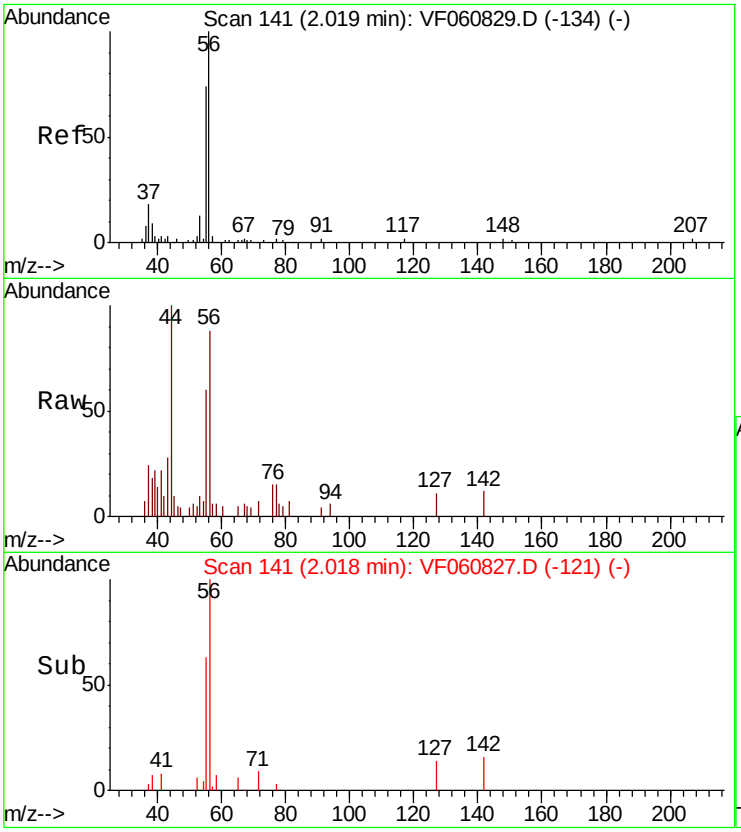


#12
1,1-Dichloroethene
Concen: 9.862 ug/l
RT: 1.80 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 96 Resp: 17174

Ion	Ratio	Lower	Upper
96	100		
61	233.5	177.3	265.9
98	64.1	49.6	74.4

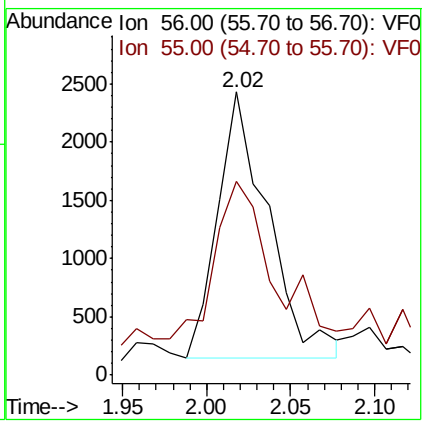




#13
Acrolein
Concen: 45.369 ug/l
RT: 2.02 min Scan# 141
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

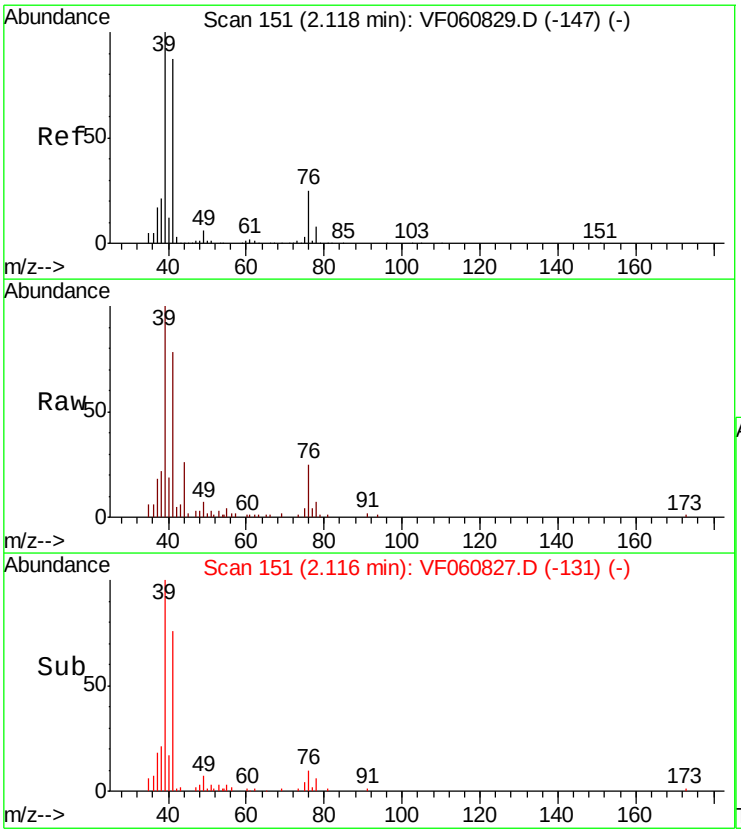
Tgt Ion: 56 Resp: 4715

Ion	Ratio	Lower	Upper
56	100		
55	68.4	61.2	91.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

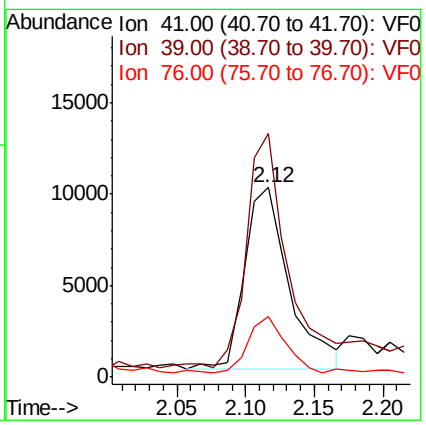
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

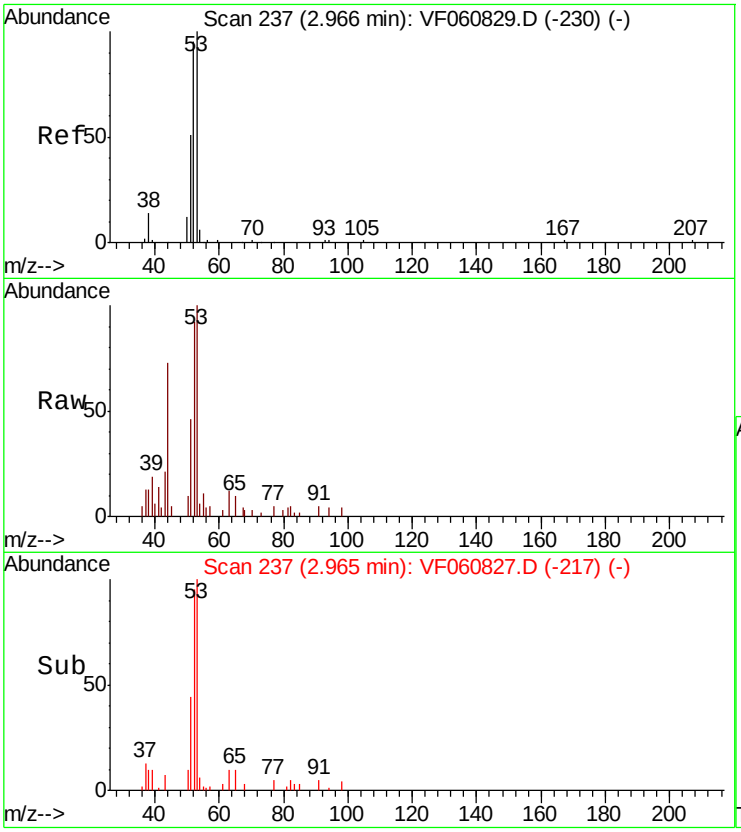


#14
Allyl chloride
Concen: 7.482 ug/l
RT: 2.12 min Scan# 151
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 41 Resp: 22679

Ion	Ratio	Lower	Upper
41	100		
39	128.5	91.7	137.5
76	32.3	23.5	35.3

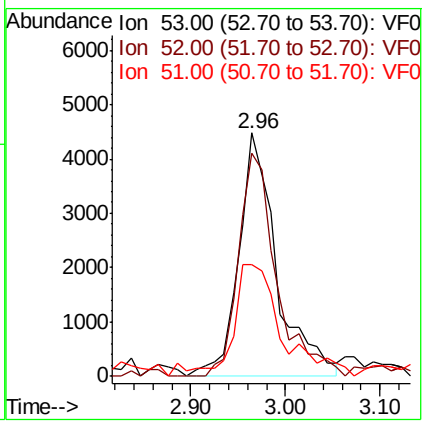




#15
Acrylonitrile
Concen: 53.372 ug/l
RT: 2.96 min Scan# 237
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

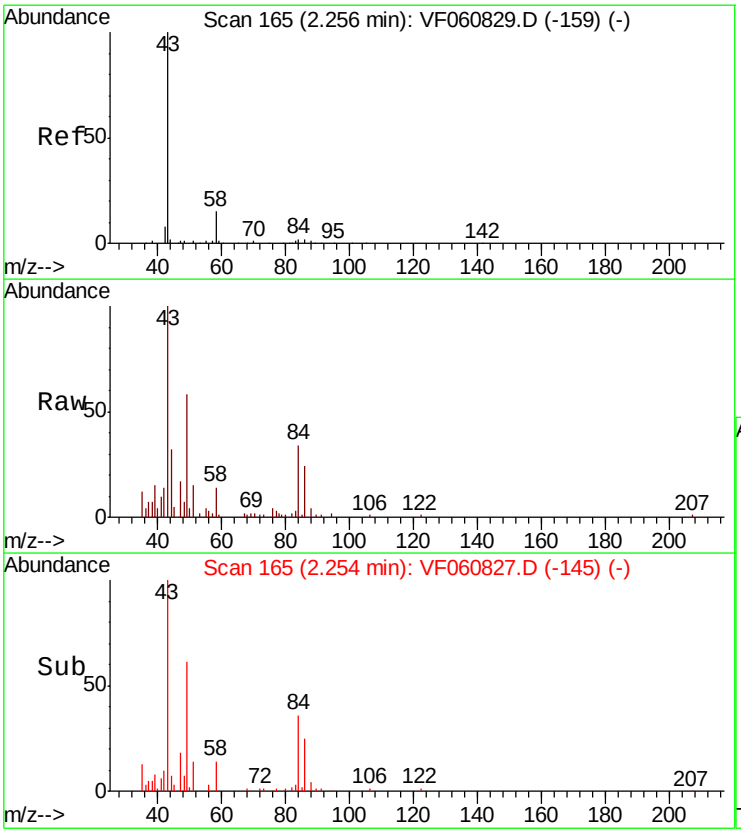
Tgt Ion: 53 Resp: 12532

Ion	Ratio	Lower	Upper
53	100		
52	91.9	76.5	114.7
51	45.8	40.7	61.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

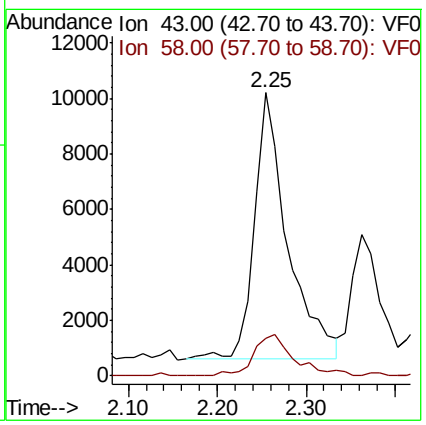
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

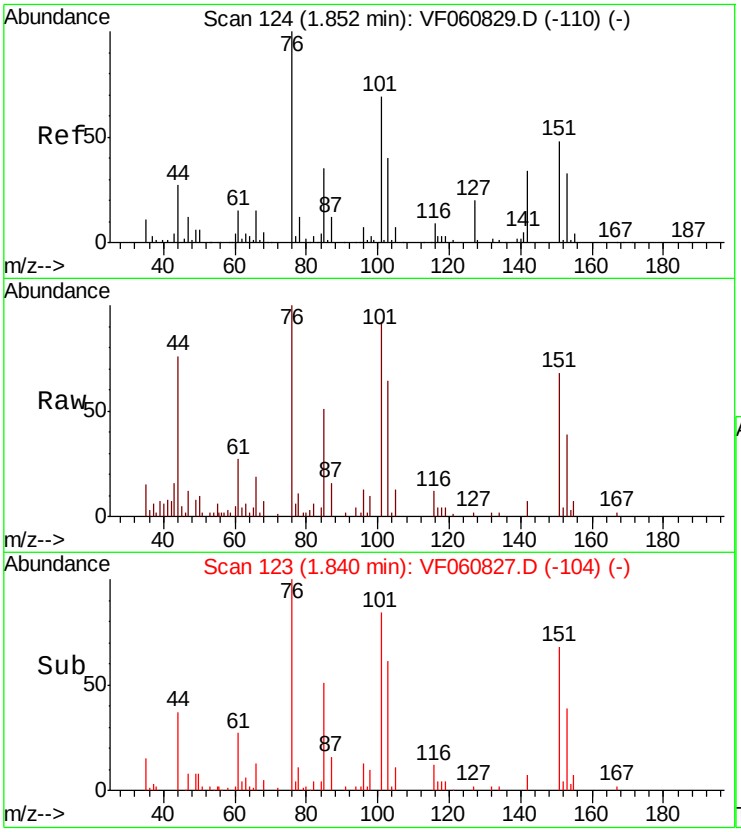


#16
Acetone
Concen: 48.877 ug/l
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 43 Resp: 24557

Ion	Ratio	Lower	Upper
43	100		
58	13.5	11.4	17.2

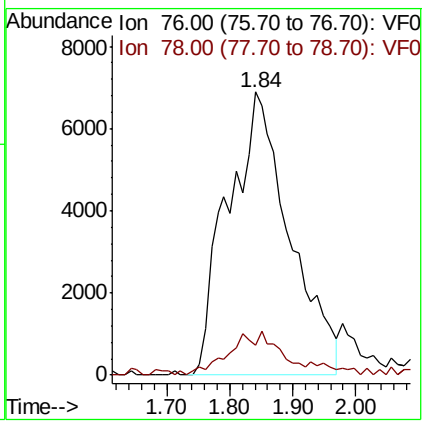




#17
Carbon Disulfide
Concen: 9.192 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

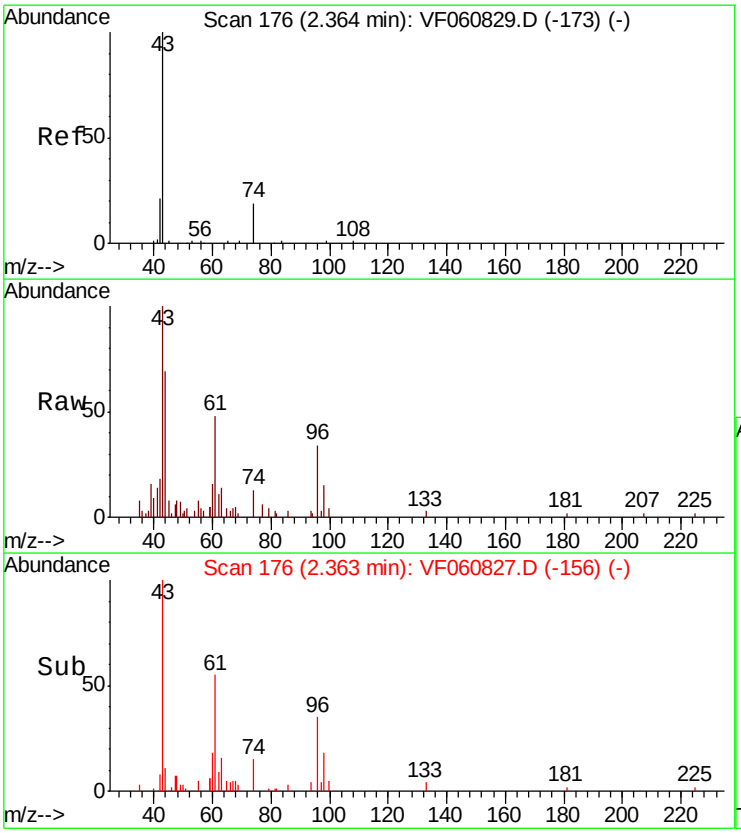
Tgt Ion: 76 Resp: 46981

Ion	Ratio	Lower	Upper
76	100		
78	10.7	10.2	15.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

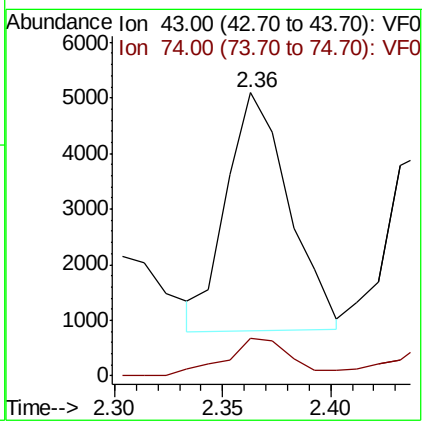
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

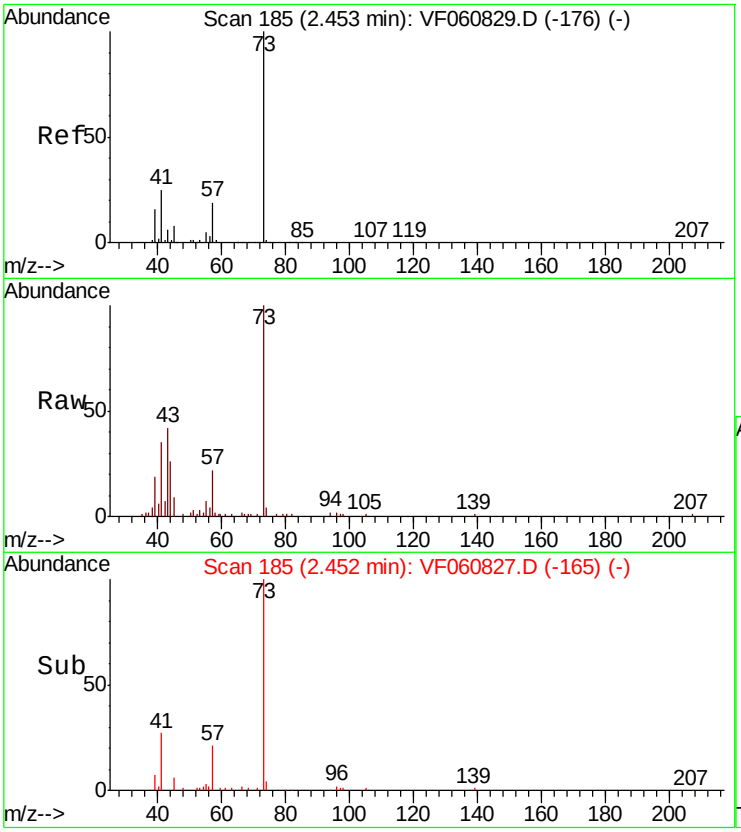


#18
Methyl Acetate
Concen: 10.261 ug/l
RT: 2.36 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 43 Resp: 8611

Ion	Ratio	Lower	Upper
43	100		
74	13.3	13.3	19.9





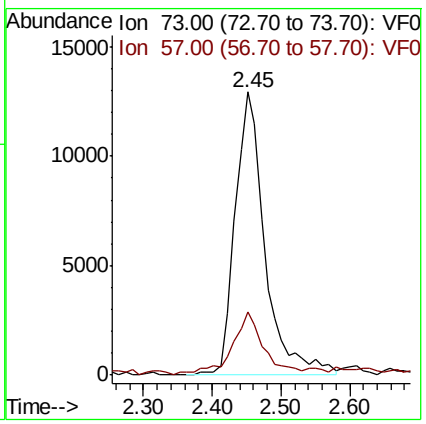
#19
Methyl tert-butyl Ether
Concen: 9.465 ug/l
RT: 2.45 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

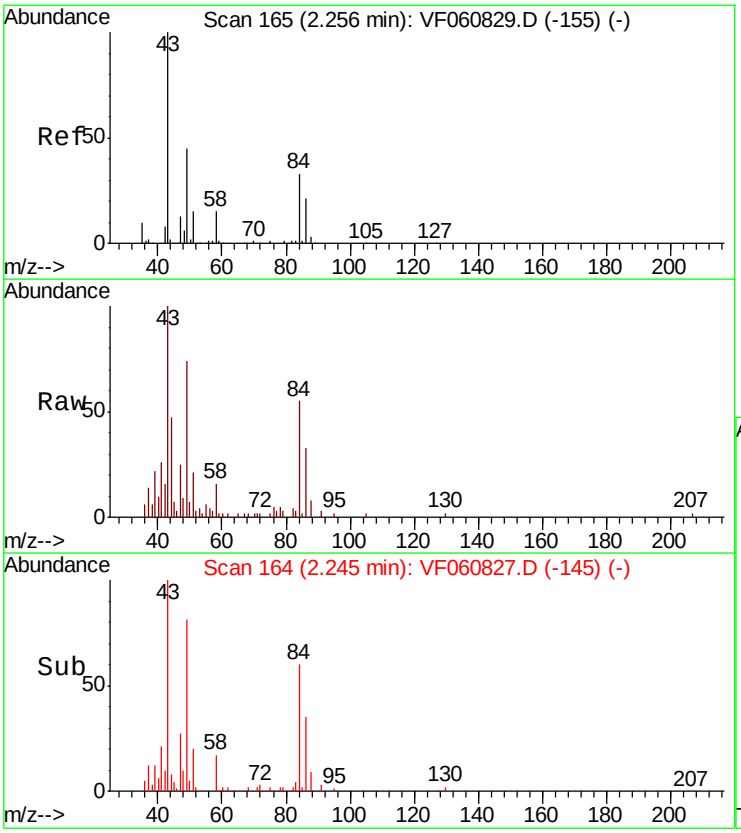
Tgt Ion: 73 Resp: 38889

Ion	Ratio	Lower	Upper
73	100		
57	22.2	15.3	22.9

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

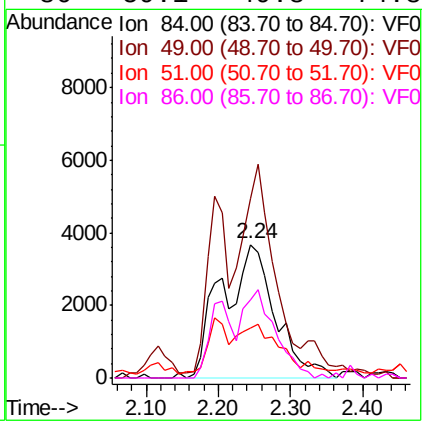


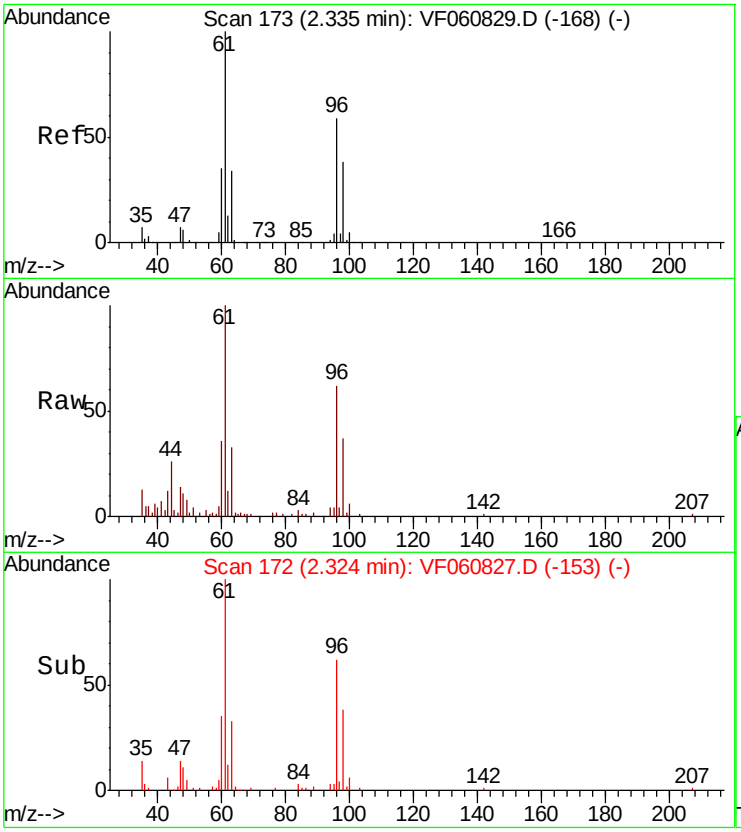


#20
Methylene Chloride
Concen: 9.820 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 84 Resp: 18996

Ion	Ratio	Lower	Upper
84	100		
49	134.8	111.3	166.9
51	37.7	38.0	57.0#
86	59.1	49.8	74.8

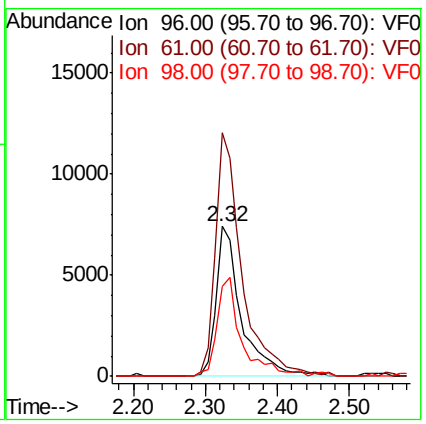




#21
trans-1,2-Dichloroethene
Concen: 10.093 ug/l
RT: 2.32 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

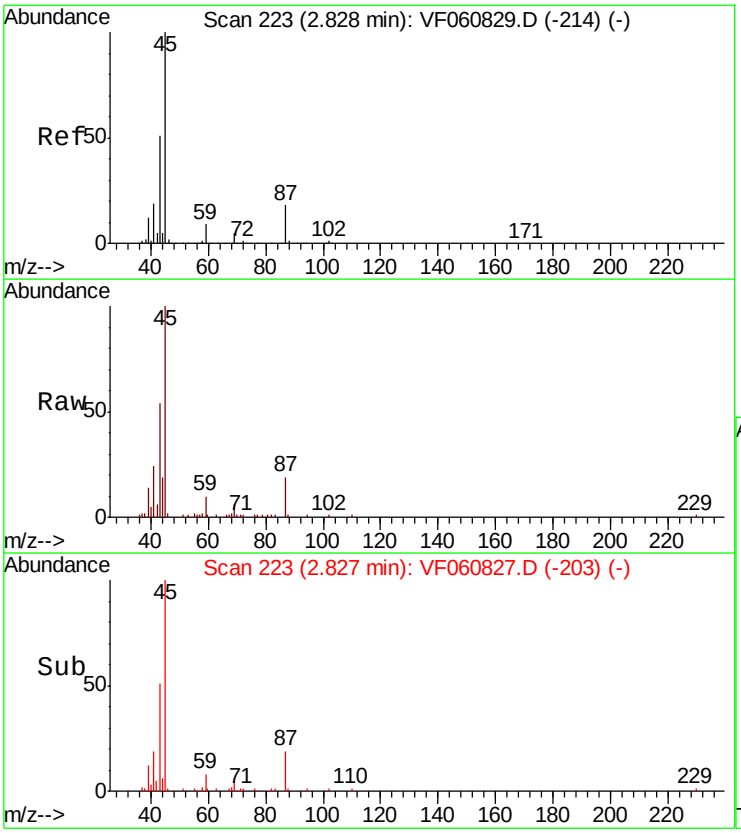
Tgt Ion: 96 Resp: 17899

Ion	Ratio	Lower	Upper
96	100		
61	162.4	134.5	201.7
98	60.2	51.6	77.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

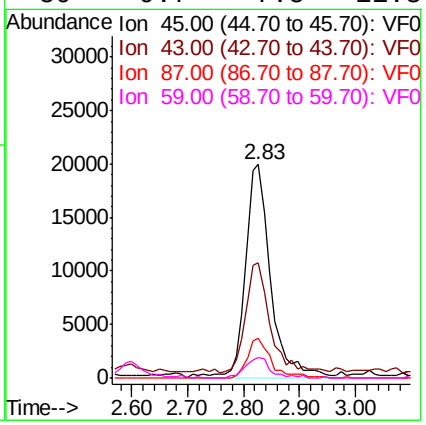
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

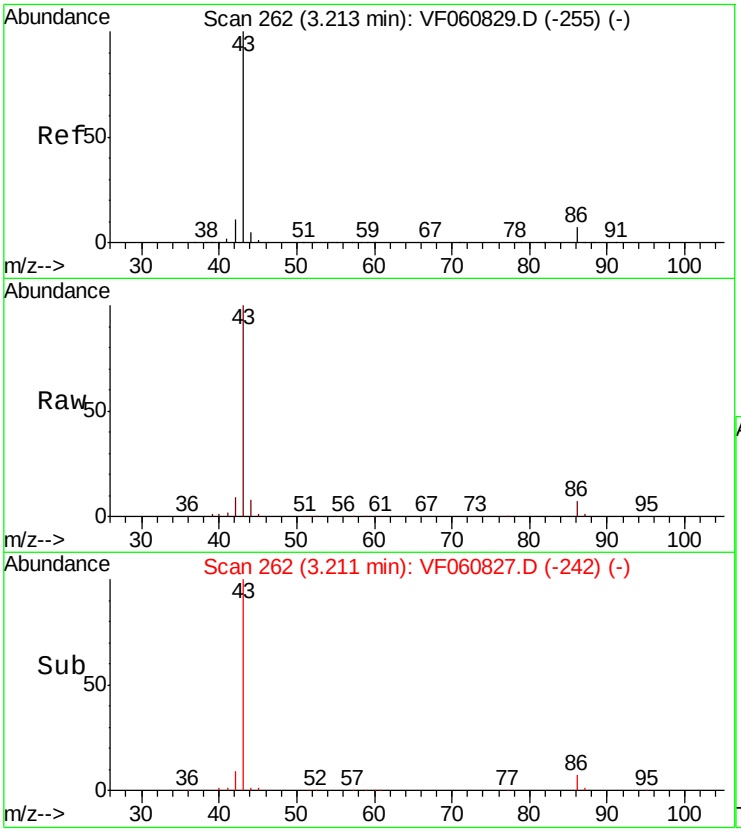


#22
Diisopropyl ether
Concen: 10.638 ug/l
RT: 2.83 min Scan# 223
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 45 Resp: 62373

Ion	Ratio	Lower	Upper
45	100		
43	53.7	41.0	61.6
87	18.9	14.6	22.0
59	9.7	7.5	11.3





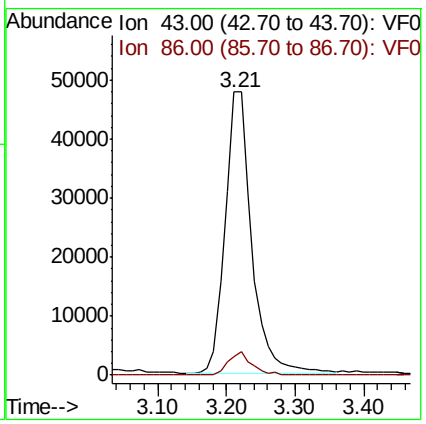
#23
Vinyl Acetate
Concen: 46.974 ug/l
RT: 3.21 min Scan# 262
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

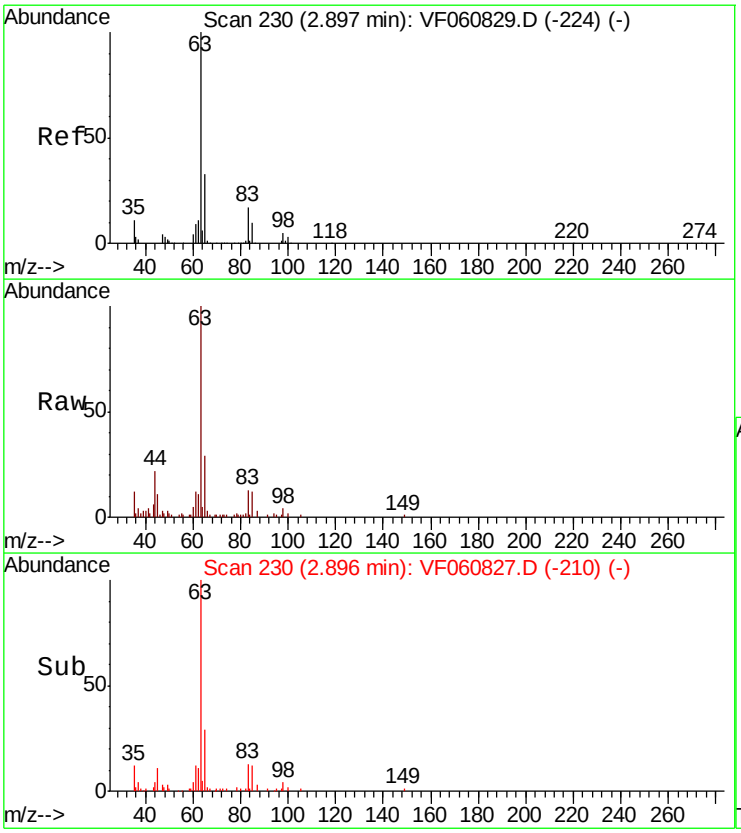
Tgt Ion: 43 Resp: 128194

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.4	8.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

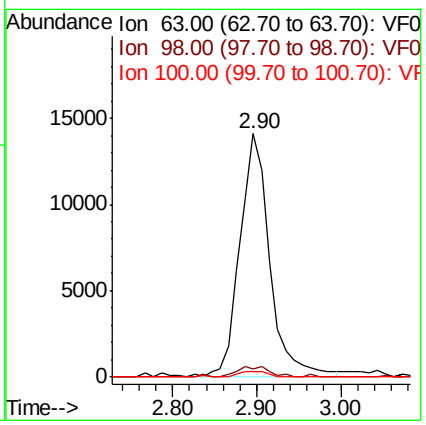


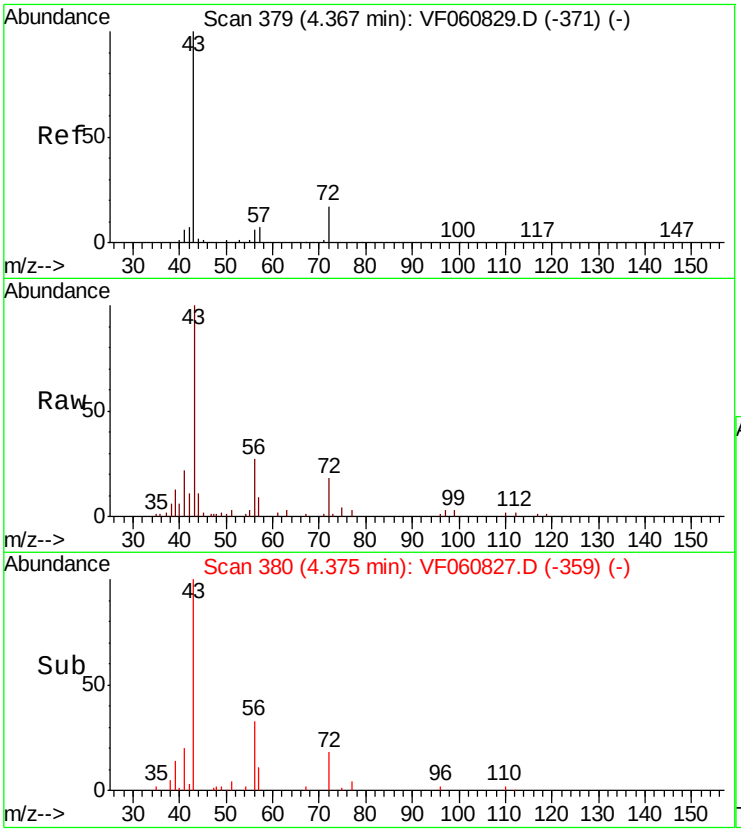


#24
1,1-Dichloroethane
Concen: 9.822 ug/l
RT: 2.90 min Scan# 230
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 63 Resp: 35206

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.7	8.1
100	2.5	1.5	4.5

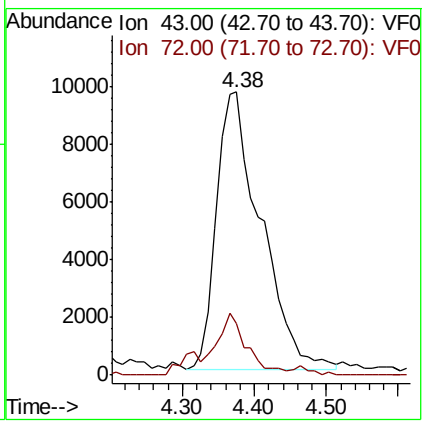




#25
2-Butanone
Concen: 48.200 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

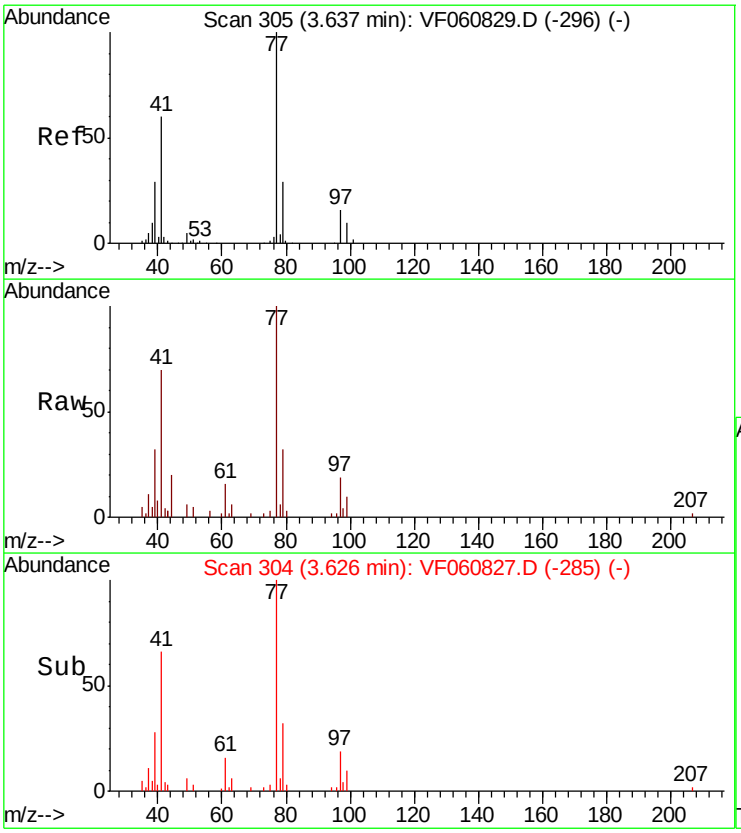
Tgt Ion: 43 Resp: 40849

Ion	Ratio	Lower	Upper
43	100		
72	18.1	15.4	23.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

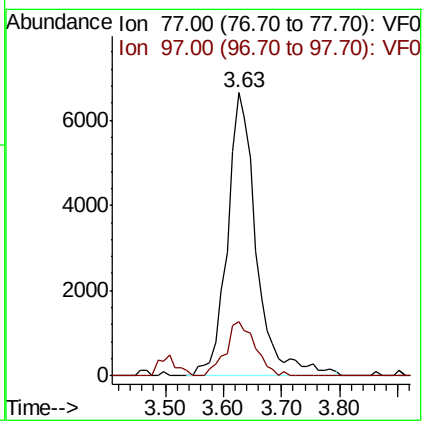
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

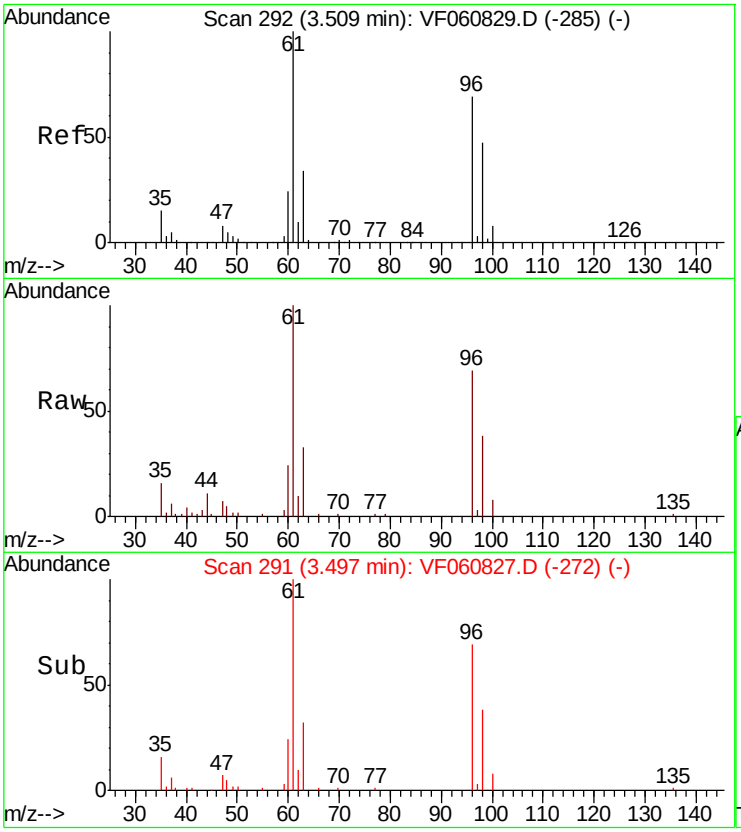


#26
2,2-Dichloropropane
Concen: 8.438 ug/l
RT: 3.63 min Scan# 304
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 77 Resp: 23003

Ion	Ratio	Lower	Upper
77	100		
97	19.4	8.6	25.8

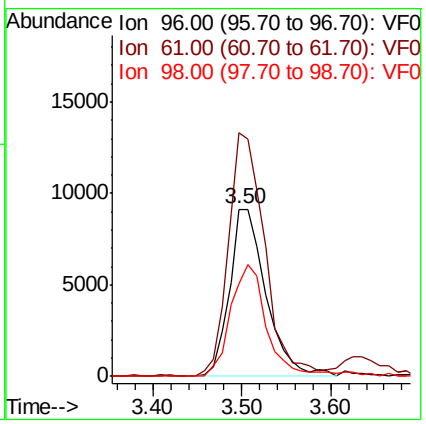




#27
cis-1,2-Dichloroethene
Concen: 8.661 ug/l
RT: 3.50 min Scan# 291
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

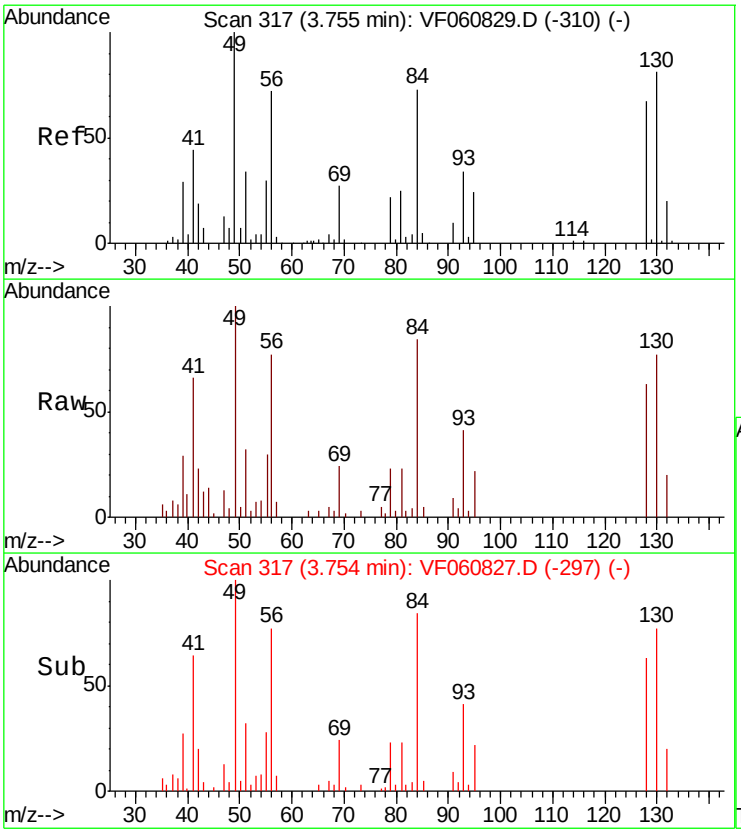
Tgt Ion: 96 Resp: 26097

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	290.6
98	55.8	0.0	137.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

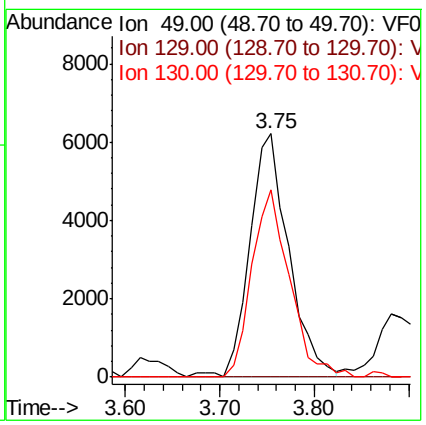
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

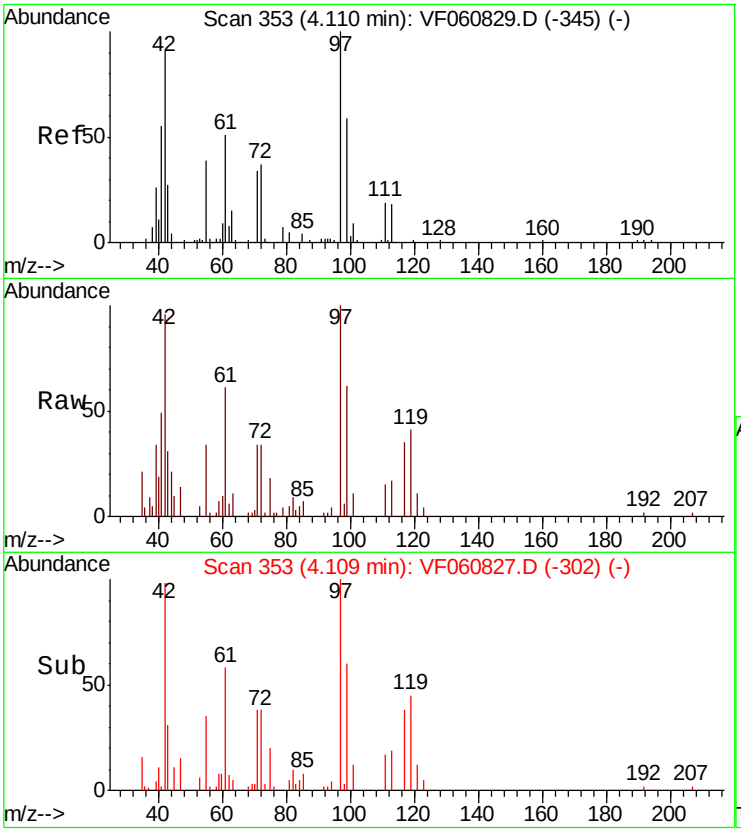


#28
Bromochloromethane
Concen: 9.859 ug/l
RT: 3.75 min Scan# 317
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 49 Resp: 17837

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	77.0	64.2	96.4

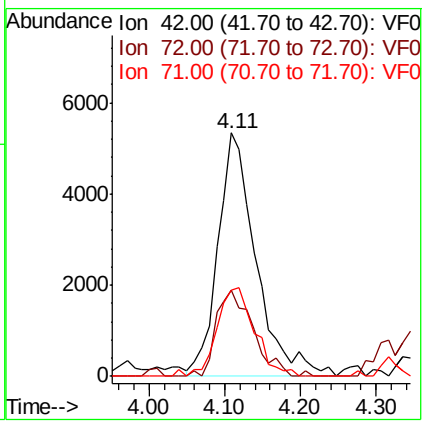




#29
Tetrahydrofuran
Concen: 53.388 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

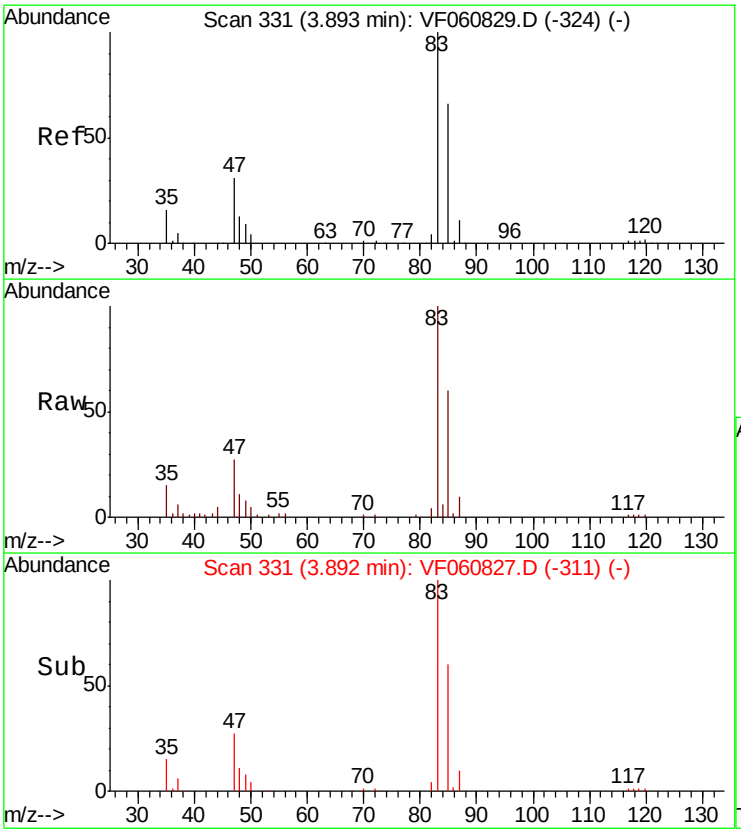
Tgt Ion: 42 Resp: 18695

Ion	Ratio	Lower	Upper
42	100		
72	34.2	31.9	47.9
71	36.4	28.7	43.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

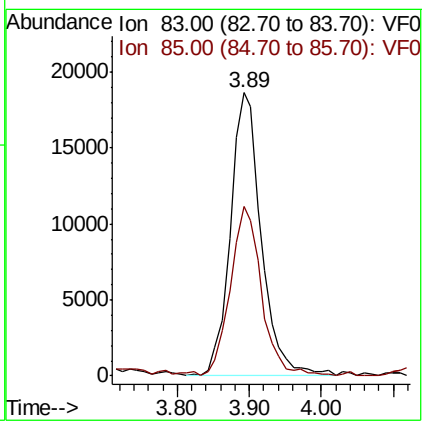
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

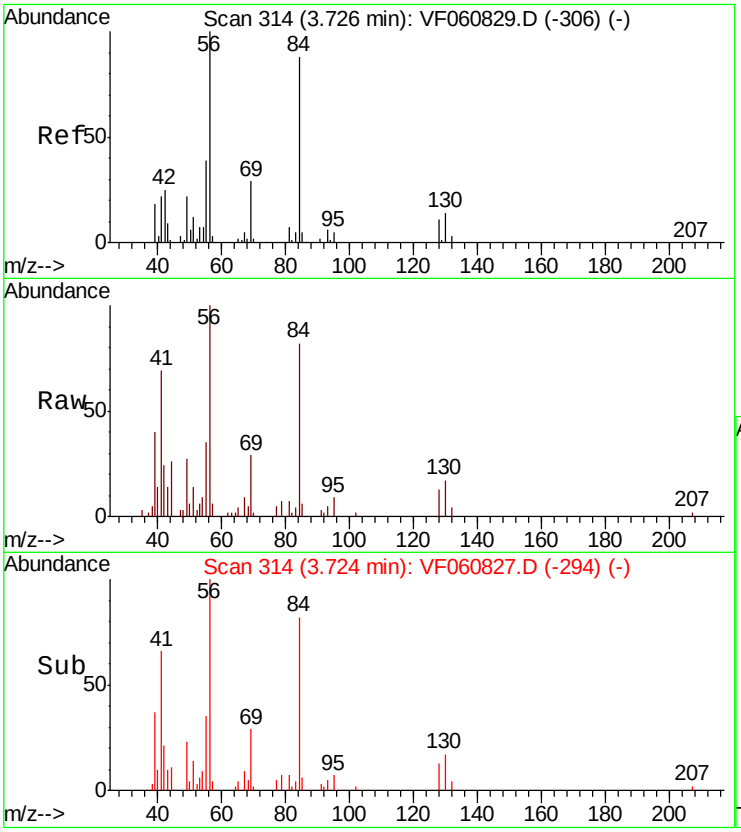


#30
Chloroform
Concen: 9.894 ug/l
RT: 3.89 min Scan# 331
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 83 Resp: 55487

Ion	Ratio	Lower	Upper
83	100		
85	59.8	53.4	80.2

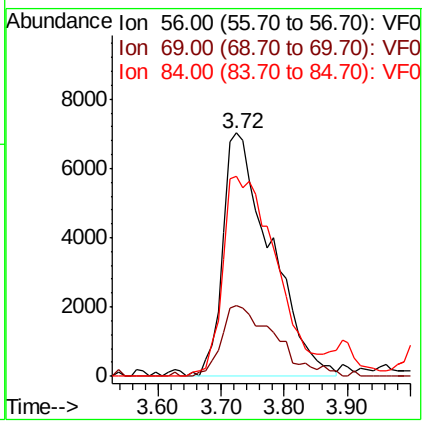




#31
Cyclohexane
Concen: 8.749 ug/l
RT: 3.72 min Scan# 314
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

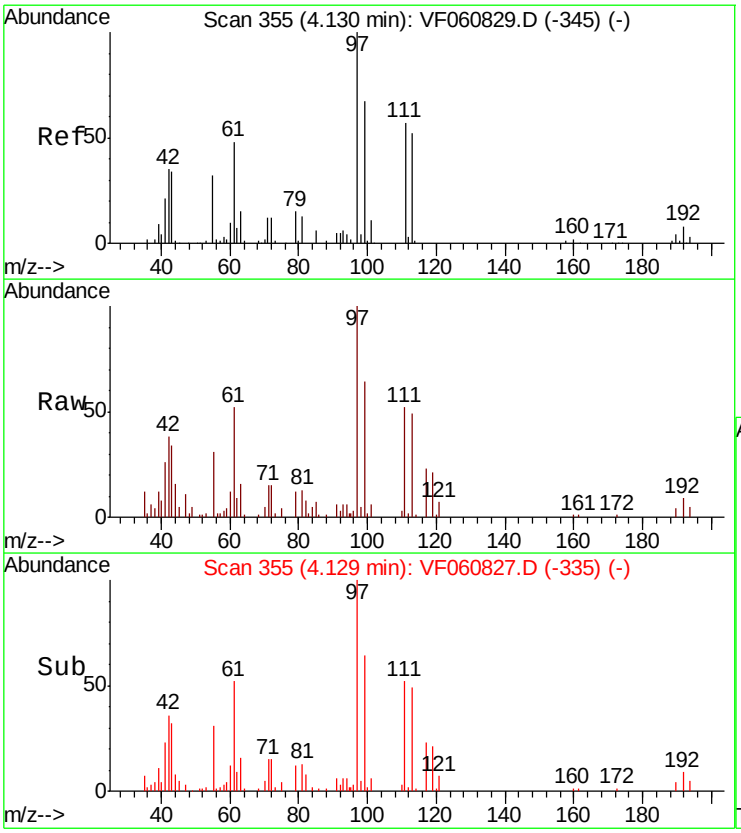
Tgt Ion: 56 Resp: 36744

Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.0	34.4
84	82.1	70.4	105.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

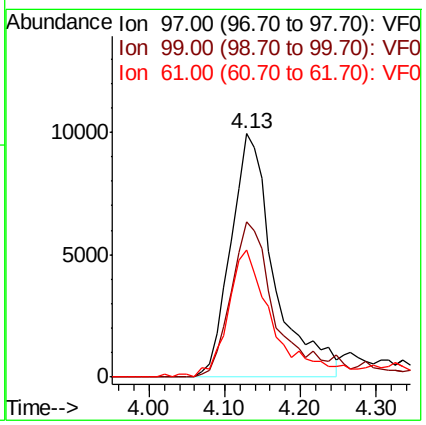
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

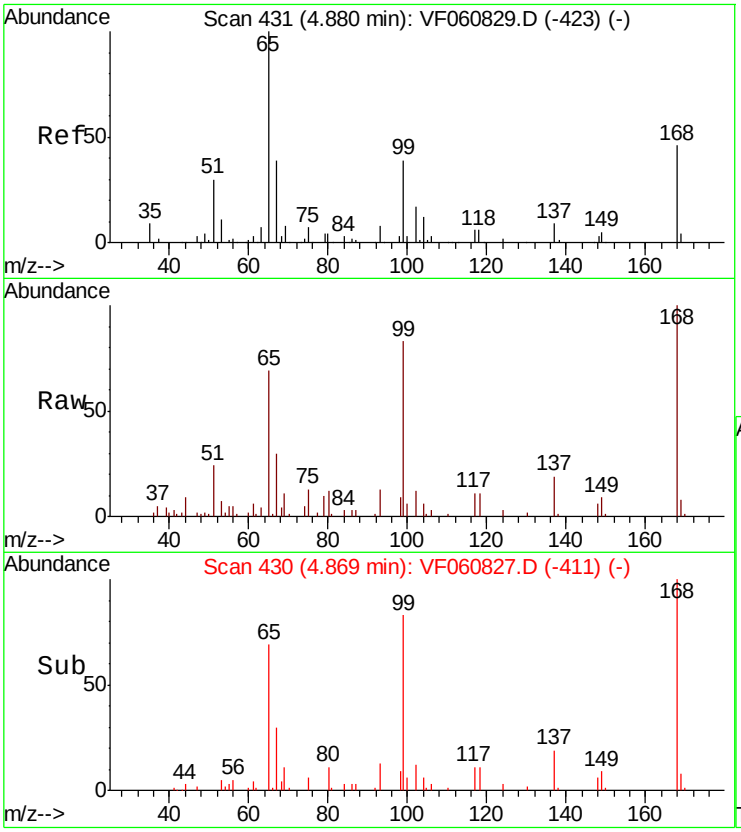


#32
1,1,1-Trichloroethane
Concen: 9.042 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 97 Resp: 39806

Ion	Ratio	Lower	Upper
97	100		
99	63.6	53.5	80.3
61	52.1	38.6	58.0

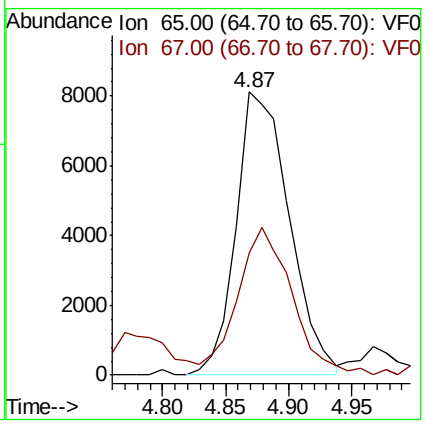




#33
1,2-Dichloroethane-d4
Concen: 9.568 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

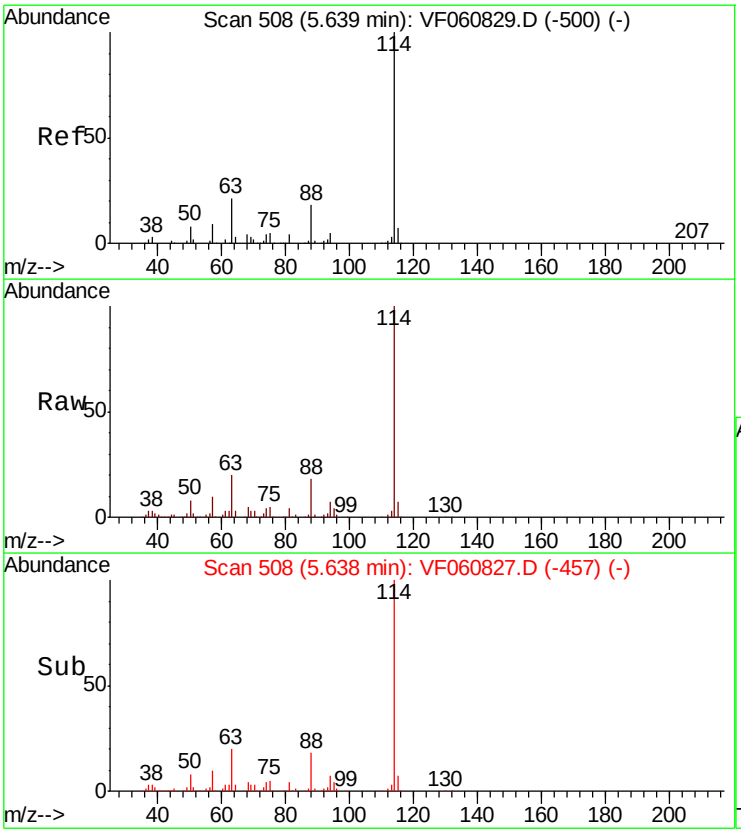
Tgt Ion: 65 Resp: 23821

Ion	Ratio	Lower	Upper
65	100		
67	43.3	0.0	96.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

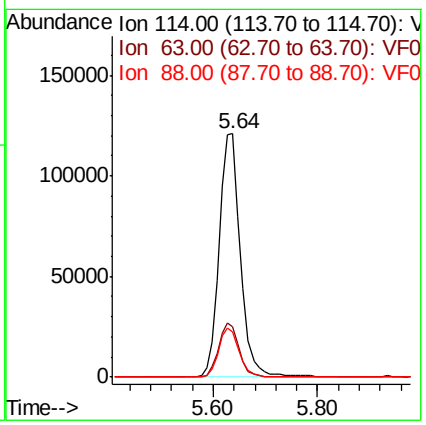
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

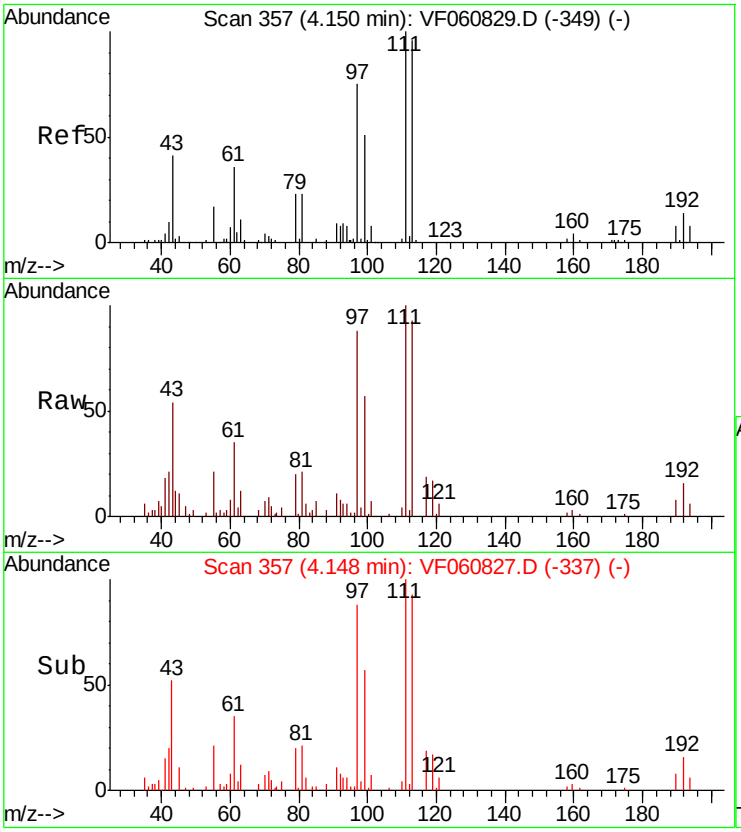


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 508
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:114 Resp: 340360

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	18.3	0.0	36.6

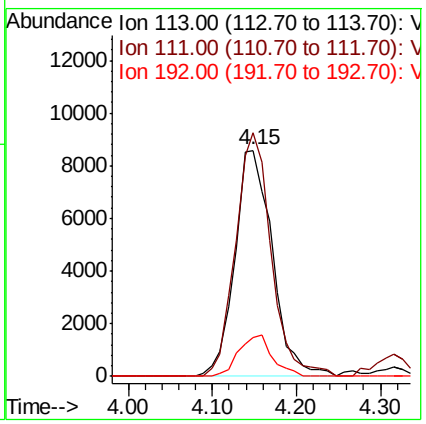




#35
Dibromofluoromethane
Concen: 10.215 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

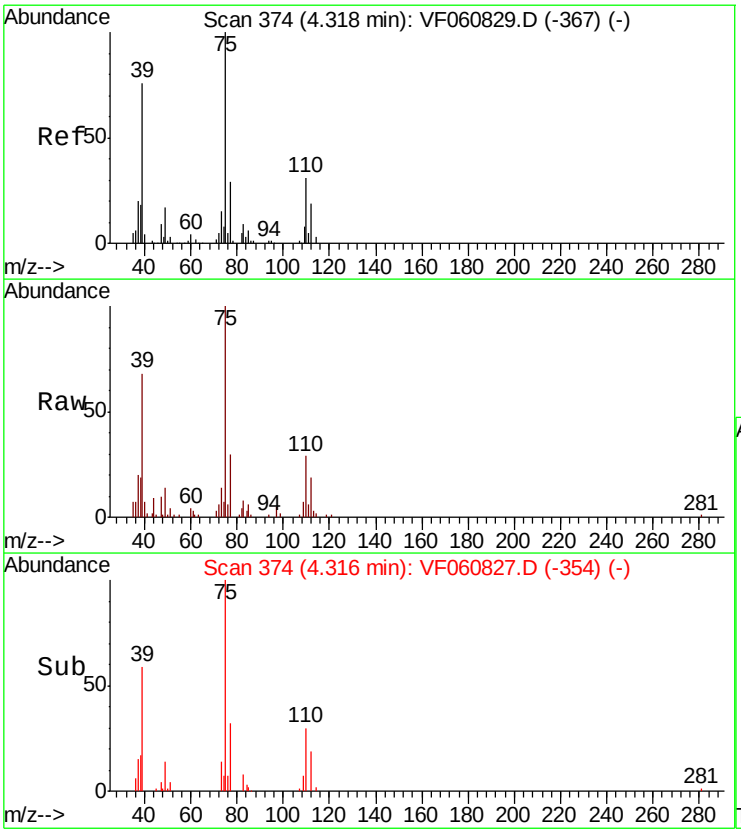
Tgt Ion:113 Resp: 26869

Ion	Ratio	Lower	Upper
113	100		
111	107.7	83.0	124.6
192	17.2	12.3	18.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

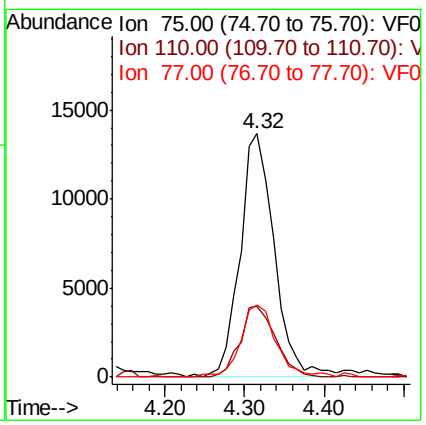
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

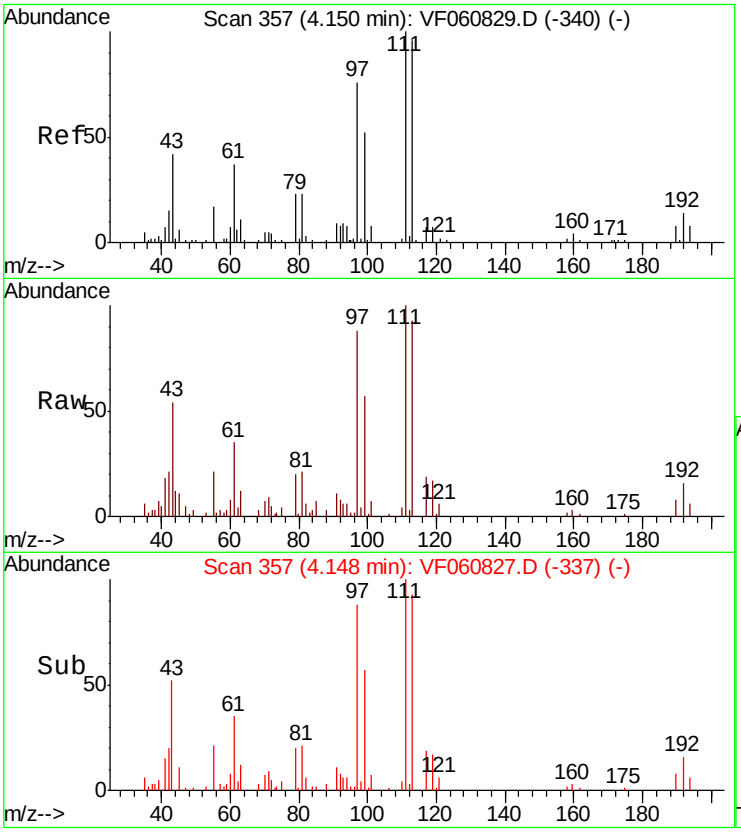


#36
1,1-Dichloropropene
Concen: 10.344 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 75 Resp: 40625

Ion	Ratio	Lower	Upper
75	100		
110	29.2	15.6	46.8
77	29.8	23.4	35.0

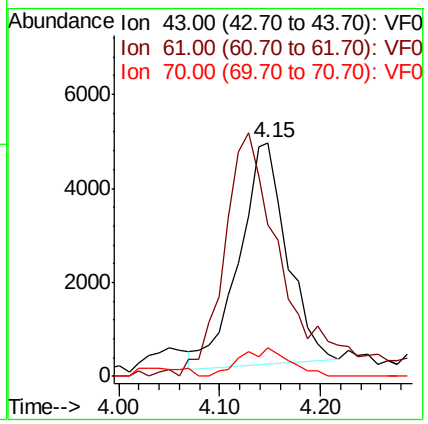




#37
Ethyl Acetate
Concen: 10.539 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

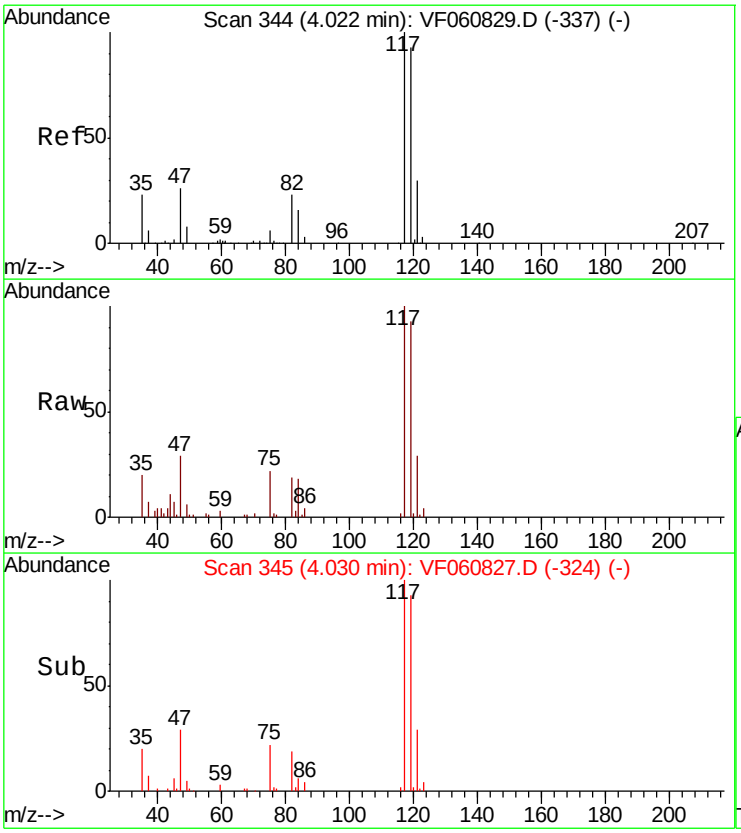
Tgt Ion: 43 Resp: 15618

Ion	Ratio	Lower	Upper
43	100		
61	65.0	68.6	103.0#
70	12.3	9.0	13.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

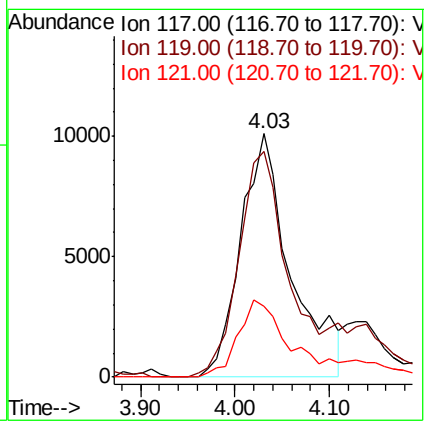
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

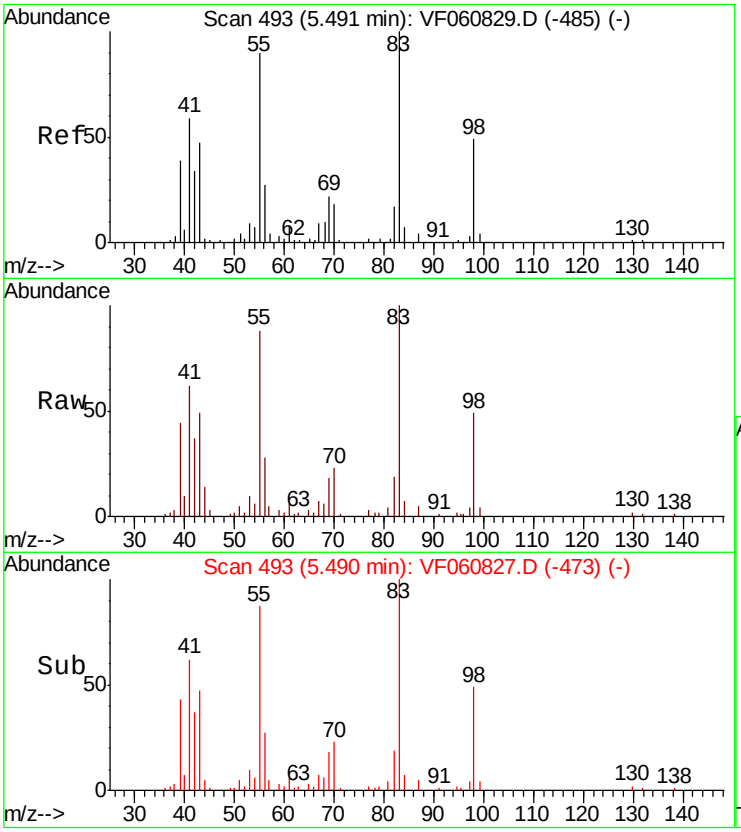


#38
Carbon Tetrachloride
Concen: 9.768 ug/l
RT: 4.03 min Scan# 345
Delta R.T. 0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:117 Resp: 37308

Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.4	111.6
121	29.3	23.5	35.3

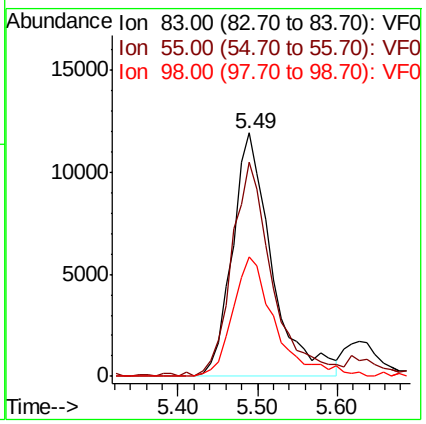




#39
Methylcyclohexane
Concen: 9.172 ug/l
RT: 5.49 min Scan# 493
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

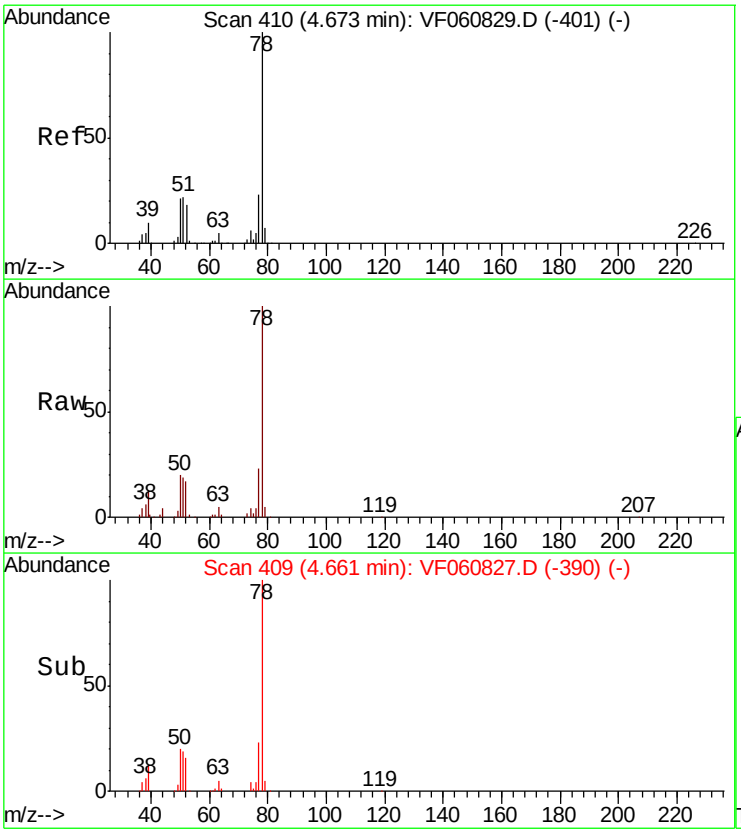
Tgt Ion: 83 Resp: 41063

Ion	Ratio	Lower	Upper
83	100		
55	88.0	72.1	108.1
98	49.3	39.1	58.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

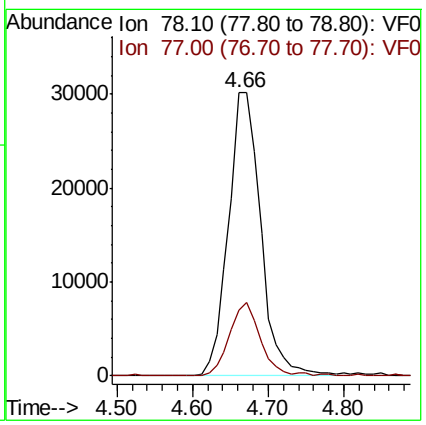
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

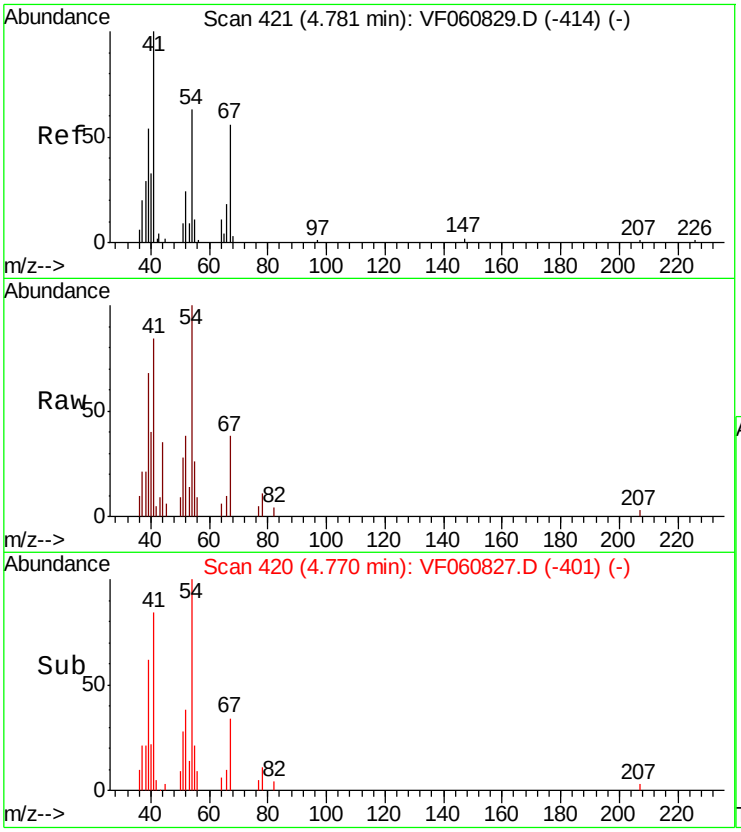


#40
Benzene
Concen: 10.207 ug/l
RT: 4.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 78 Resp: 89128

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

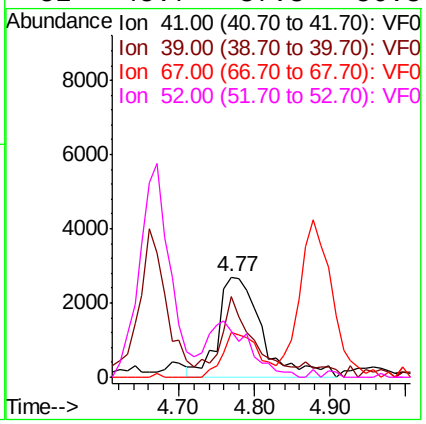




#41
Methacrylonitrile
Concen: 12.151 ug/l
RT: 4.77 min Scan# 420
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

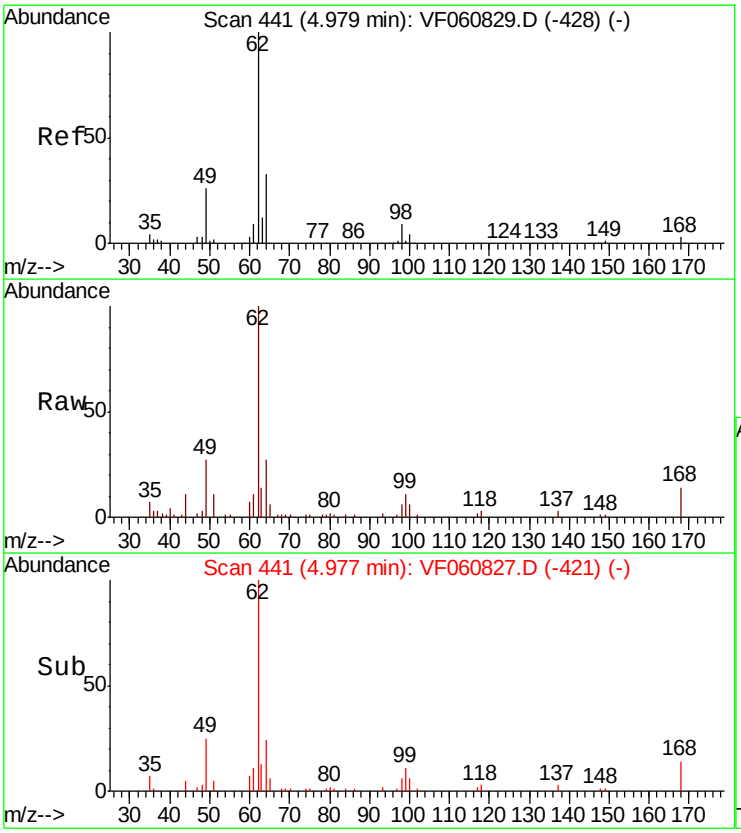
Tgt Ion: 41 Resp: 10783

Ion	Ratio	Lower	Upper
41	100		
39	81.3	53.0	79.6#
67	45.2	43.8	65.6
52	45.7	37.8	56.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

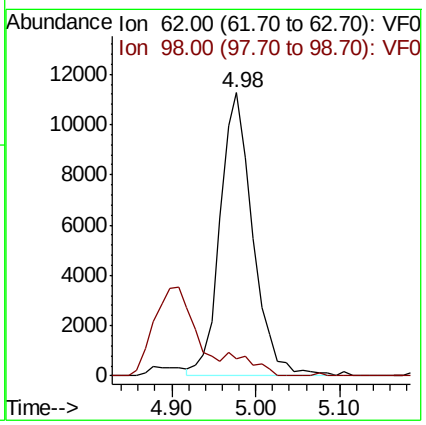
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

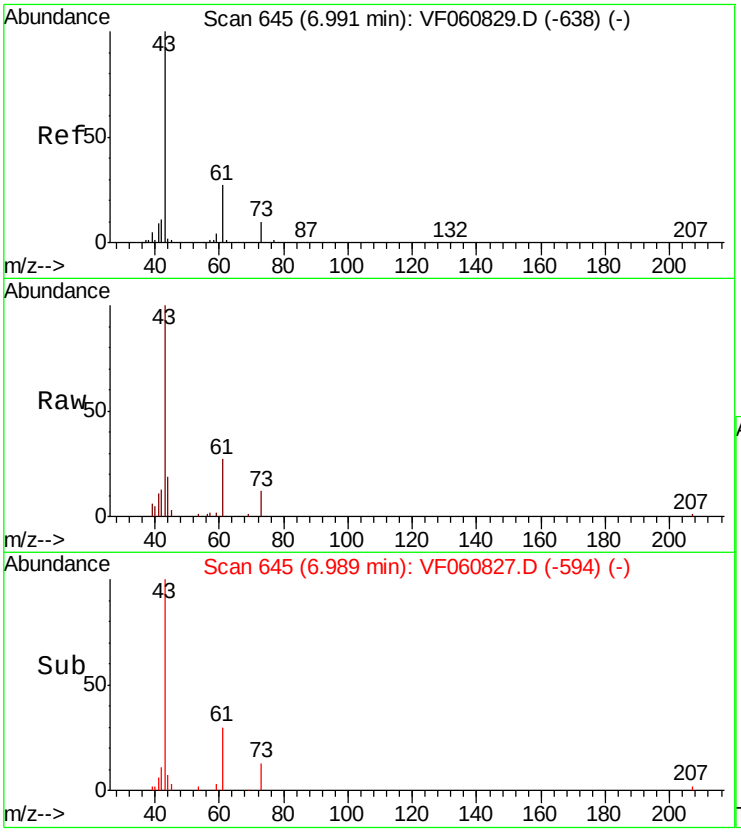


#42
1,2-Dichloroethane
Concen: 9.873 ug/l
RT: 4.98 min Scan# 441
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 62 Resp: 30401

Ion	Ratio	Lower	Upper
62	100		
98	5.9	0.0	17.2

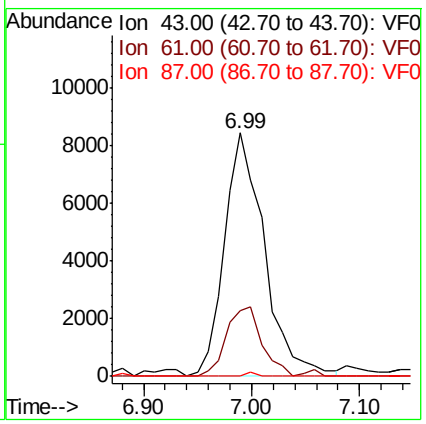




#43
Isopropyl Acetate
Concen: 10.985 ug/l
RT: 6.99 min Scan# 645
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

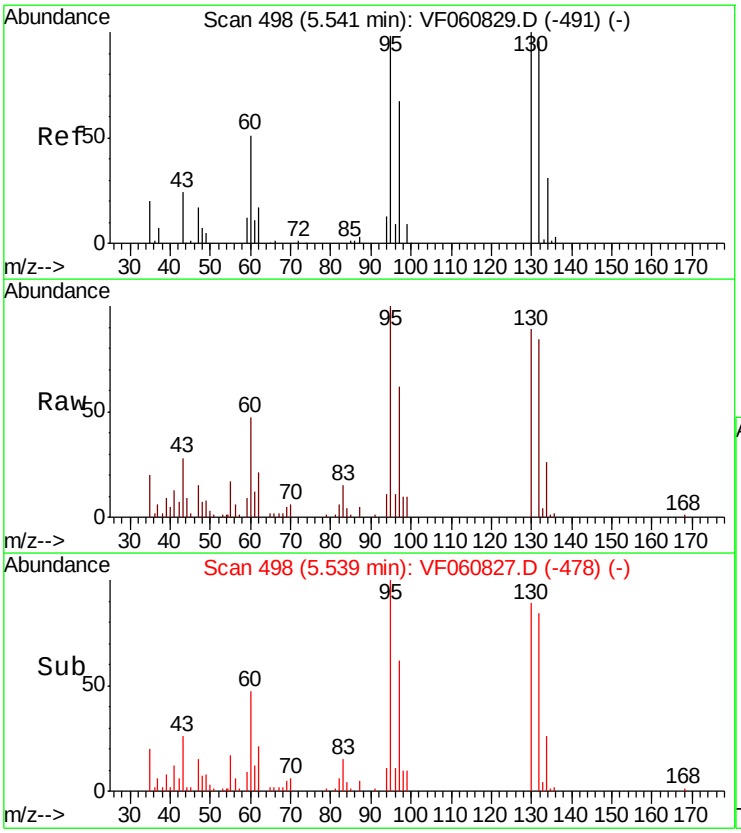
Tgt Ion: 43 Resp: 21718

Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.4	32.0
87	0.0	0.2	0.4#



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

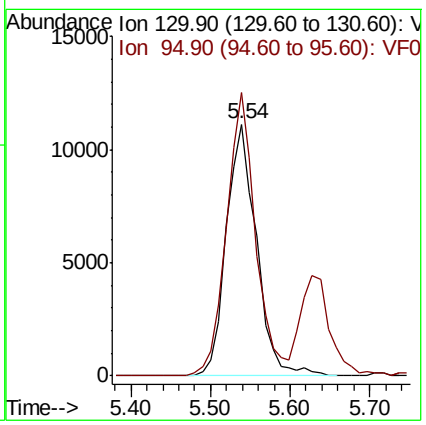
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

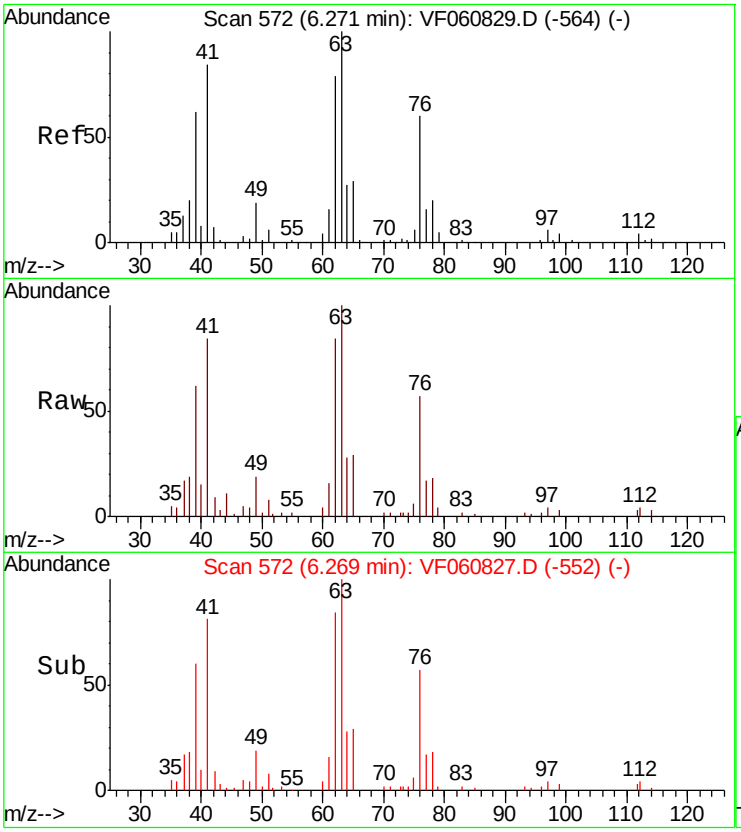


#44
Trichloroethene
Concen: 10.571 ug/l
RT: 5.54 min Scan# 498
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:130 Resp: 29473

Ion	Ratio	Lower	Upper
130	100		
95	112.5	0.0	195.6

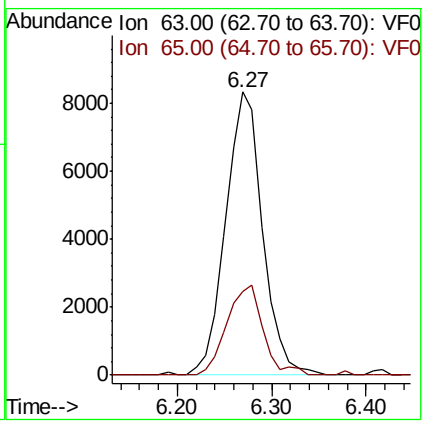




#45
1,2-Dichloropropane
Concen: 9.727 ug/l
RT: 6.27 min Scan# 572
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

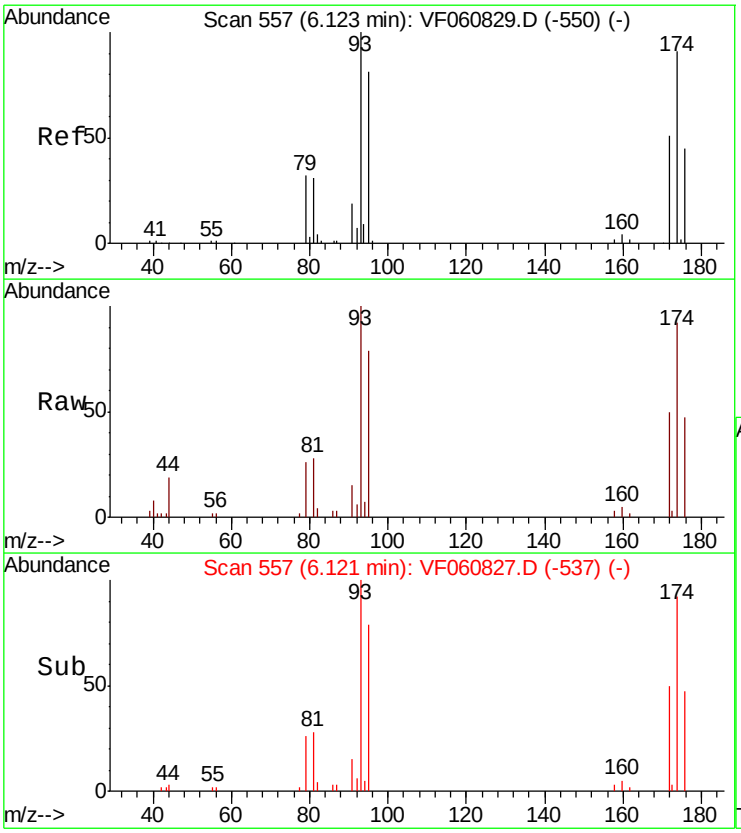
Tgt Ion: 63 Resp: 22498

Ion	Ratio	Lower	Upper
63	100		
65	29.4	23.2	34.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

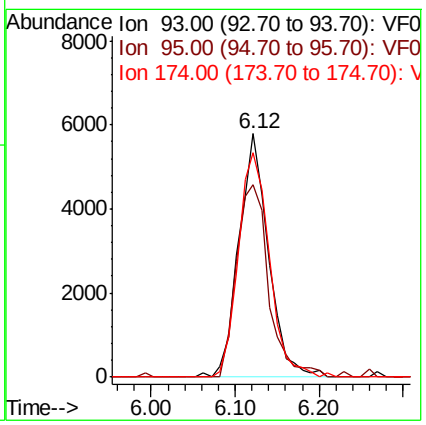
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

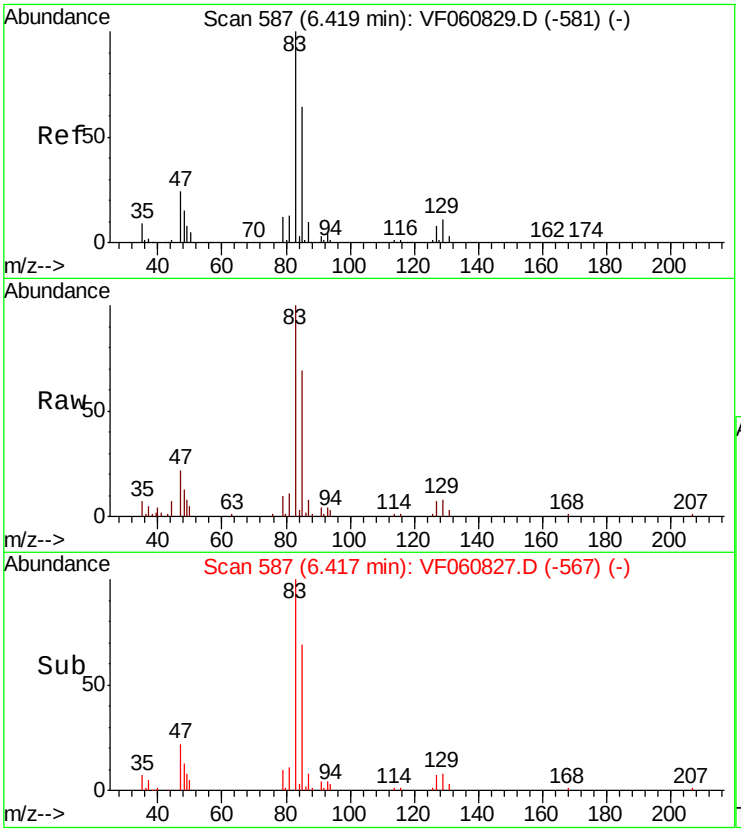


#46
Dibromomethane
Concen: 9.376 ug/l
RT: 6.12 min Scan# 557
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 93 Resp: 14211

Ion	Ratio	Lower	Upper
93	100		
95	79.1	64.7	97.1
174	92.2	73.0	109.6

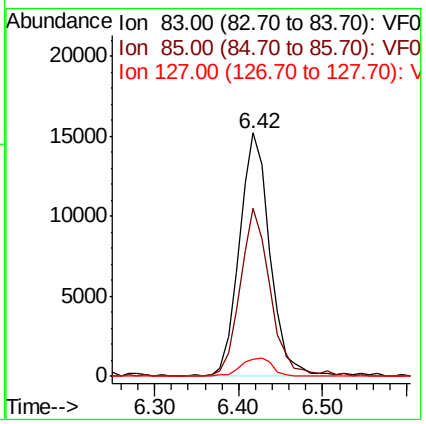




#47
Bromodichloromethane
Concen: 10.001 ug/l
RT: 6.42 min Scan# 587
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

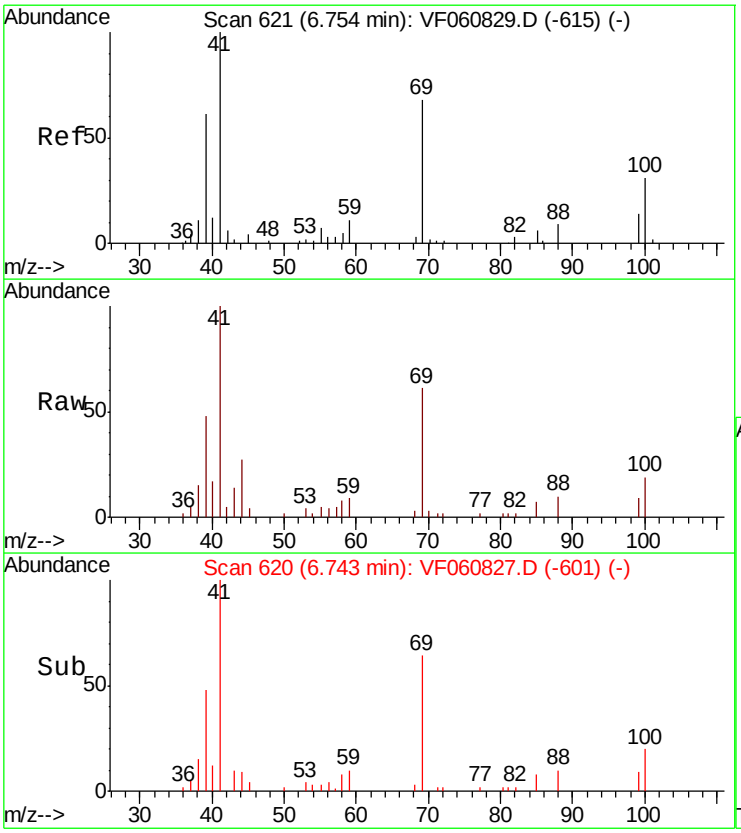
Tgt Ion: 83 Resp: 38643

Ion	Ratio	Lower	Upper
83	100		
85	69.0	51.1	76.7
127	6.9	6.8	10.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

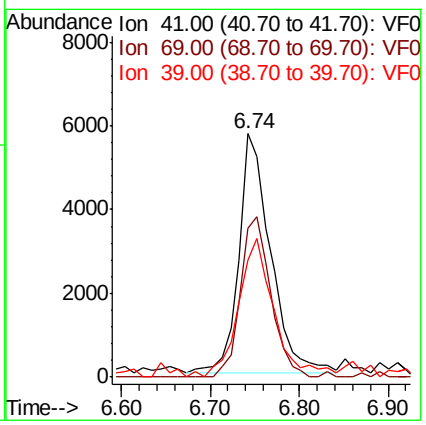
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

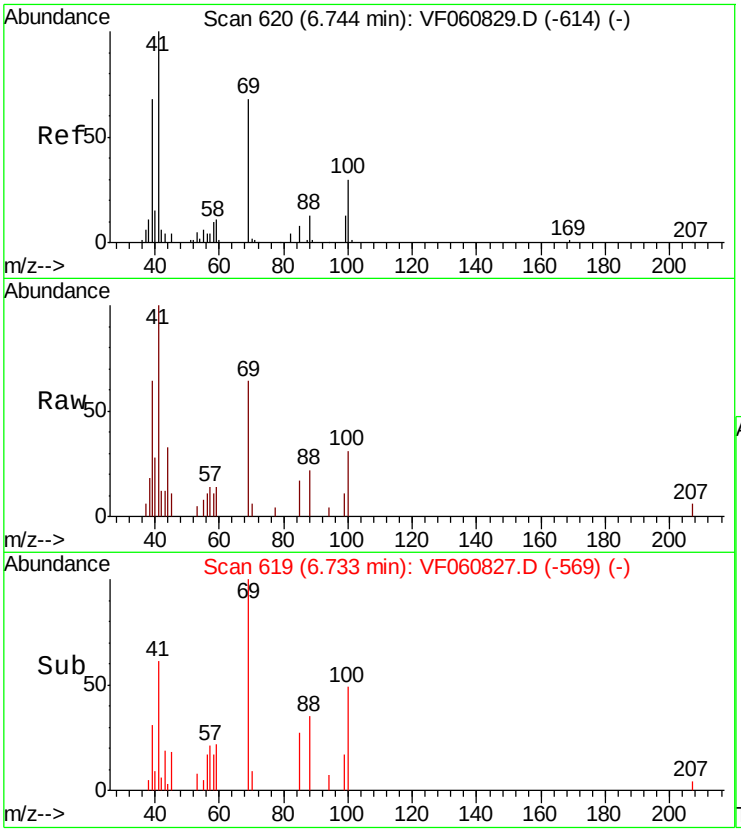


#48
Methyl methacrylate
Concen: 10.595 ug/l
RT: 6.74 min Scan# 620
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 41 Resp: 14015

Ion	Ratio	Lower	Upper
41	100		
69	61.4	53.9	80.9
39	48.1	49.0	73.6#

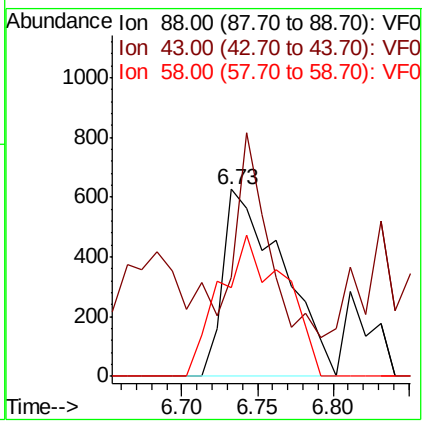




#49
1,4-Dioxane
Concen: 142.395 ug/l
RT: 6.73 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

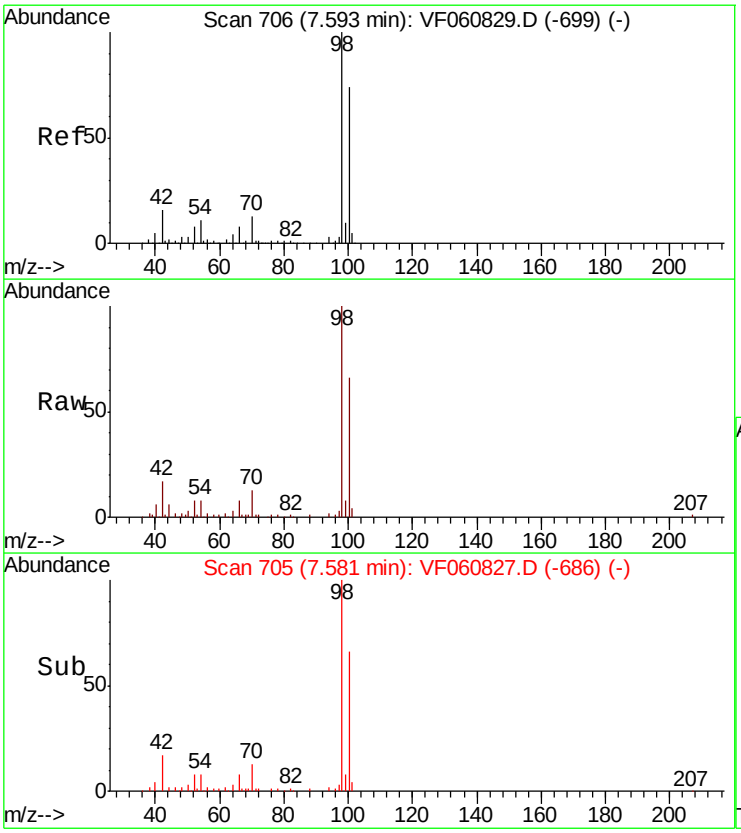
Tgt Ion: 88 Resp: 1719

Ion	Ratio	Lower	Upper
88	100		
43	53.0	42.0	63.0
58	47.3	61.8	92.8#



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

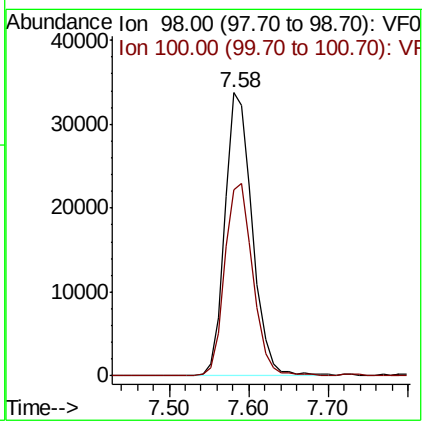
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

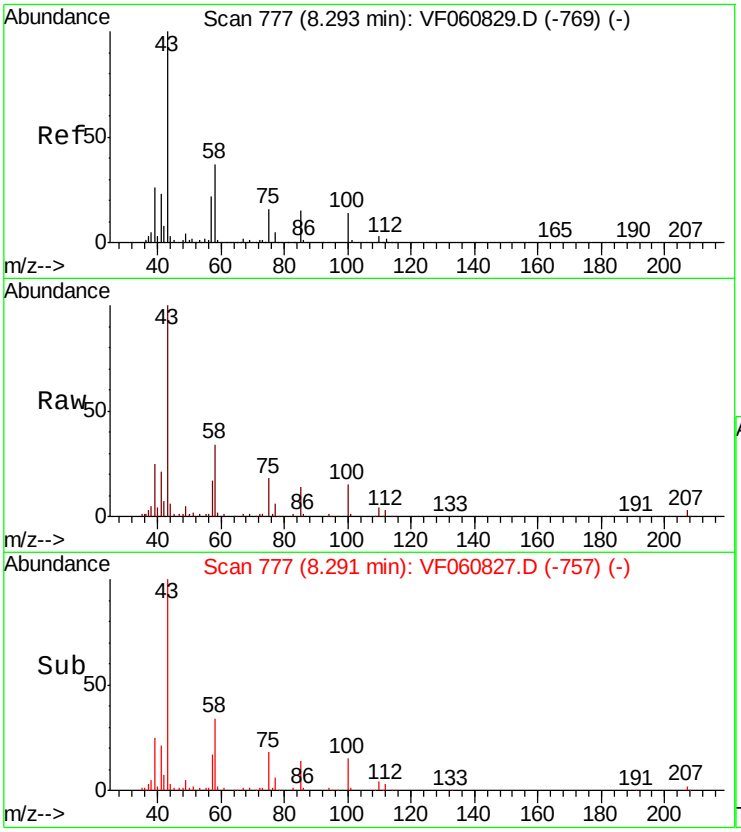


#50
Toluene-d8
Concen: 10.560 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 98 Resp: 81237

Ion	Ratio	Lower	Upper
98	100		
100	65.6	59.3	88.9





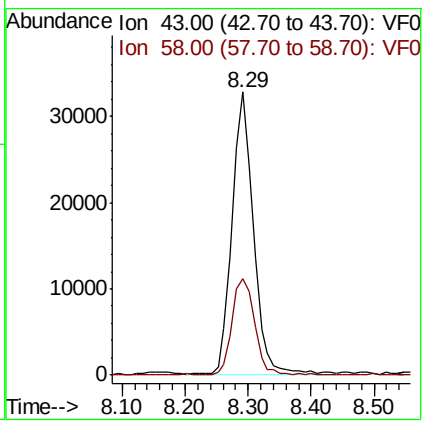
#51
4-Methyl-2-Pentanone
Concen: 54.932 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

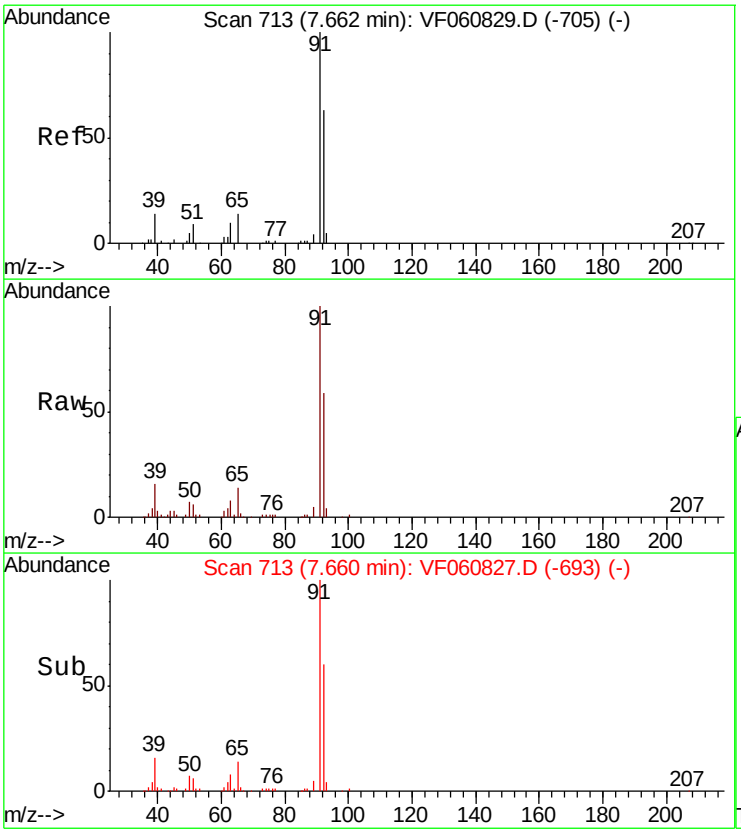
Tgt Ion: 43 Resp: 77731

Ion	Ratio	Lower	Upper
43	100		
58	34.1	29.7	44.5

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

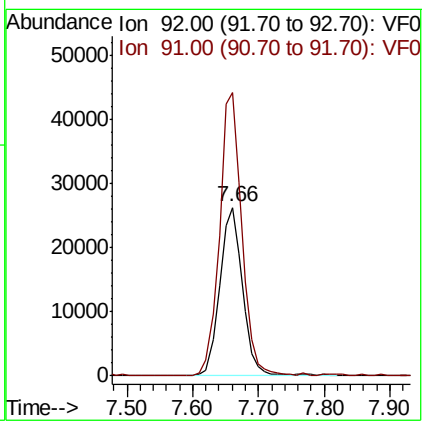


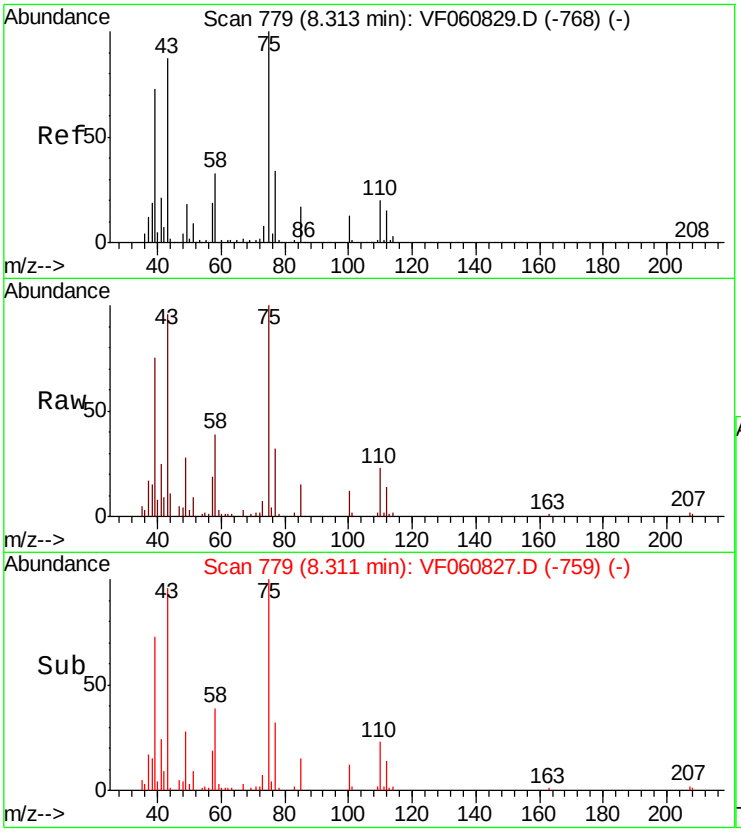


#52
Toluene
Concen: 10.872 ug/l
RT: 7.66 min Scan# 713
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 92 Resp: 63727

Ion	Ratio	Lower	Upper
92	100		
91	168.3	126.2	189.2





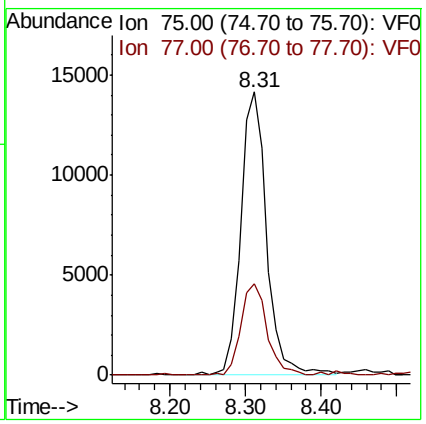
#53
t-1,3-Dichloropropene
Concen: 10.682 ug/l
RT: 8.31 min Scan# 779
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

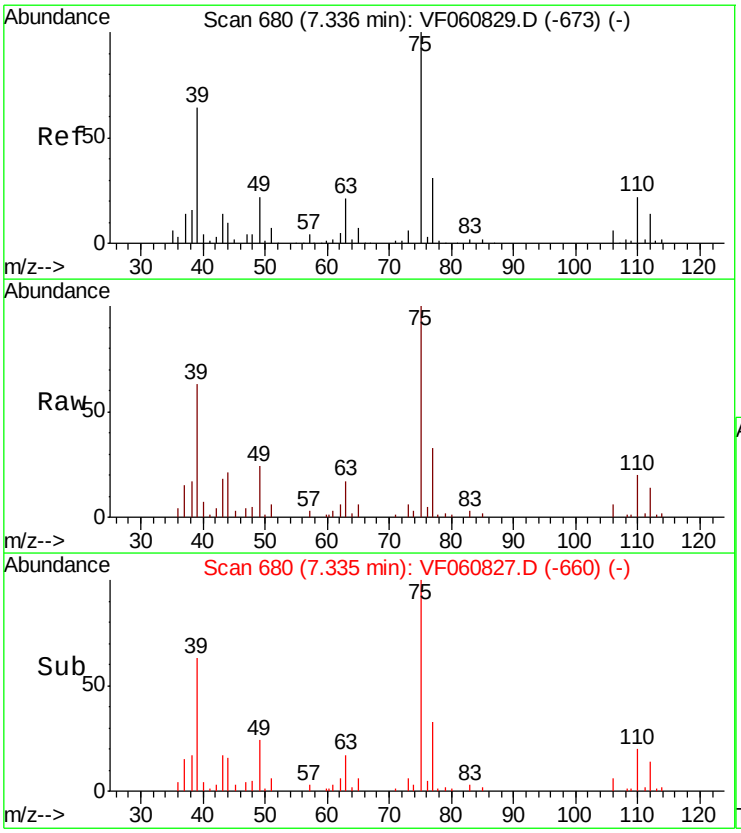
Tgt Ion: 75 Resp: 33467

Ion	Ratio	Lower	Upper
75	100		
77	32.2	27.4	41.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

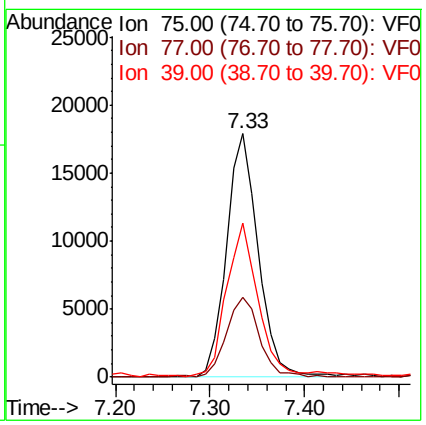


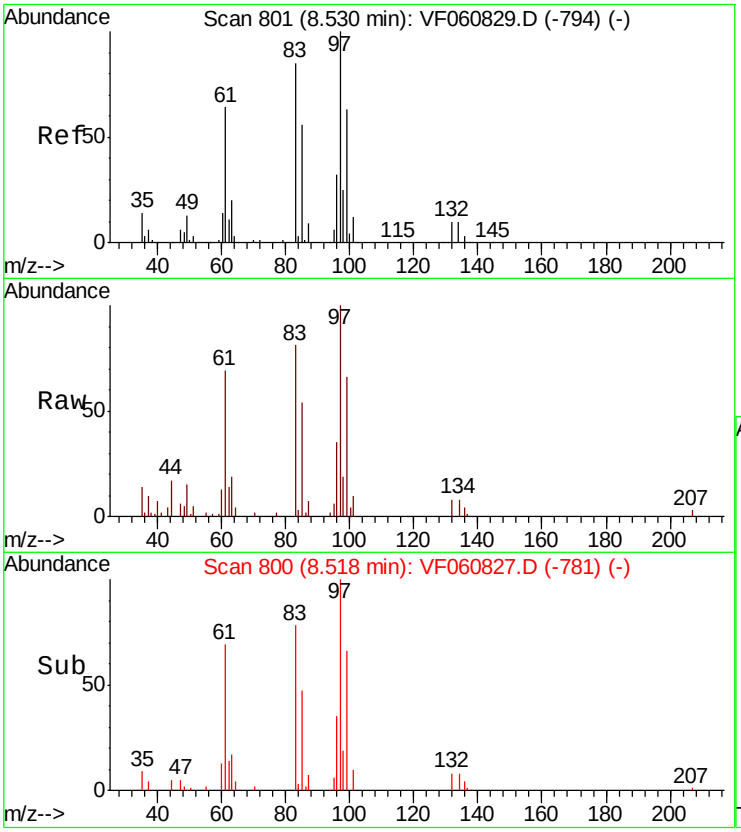


#54
cis-1,3-Dichloropropene
Concen: 10.112 ug/l
RT: 7.33 min Scan# 680
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 75 Resp: 41417

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.0	37.6
39	63.4	51.1	76.7

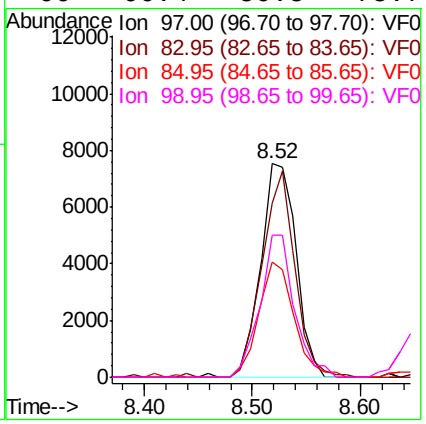




#55
1,1,2-Trichloroethane
Concen: 10.286 ug/l
RT: 8.52 min Scan# 800
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

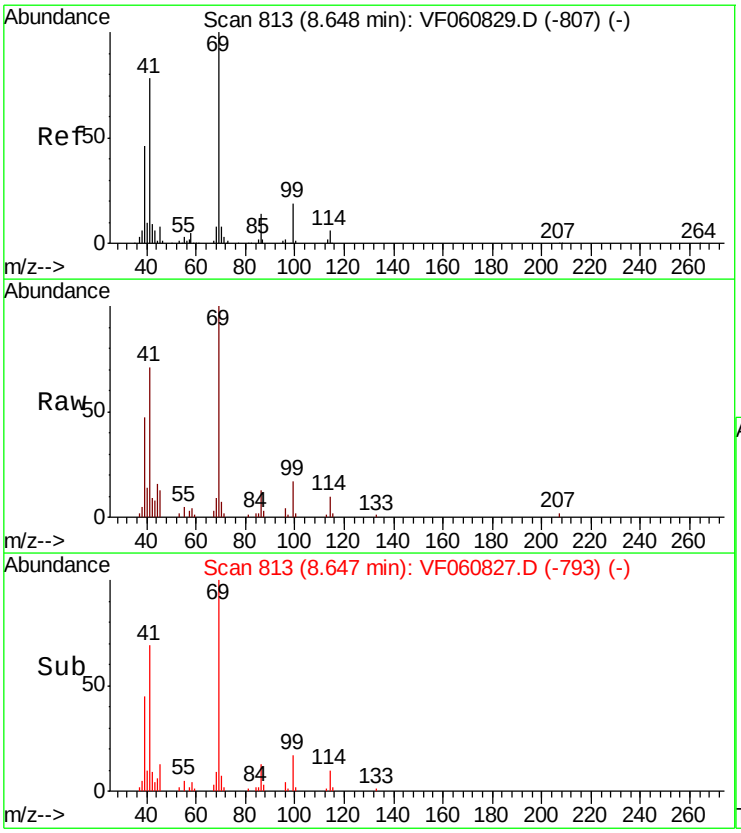
Tgt Ion: 97 Resp: 17388

Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.8	101.6
85	53.7	45.0	67.6
99	66.4	50.5	75.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

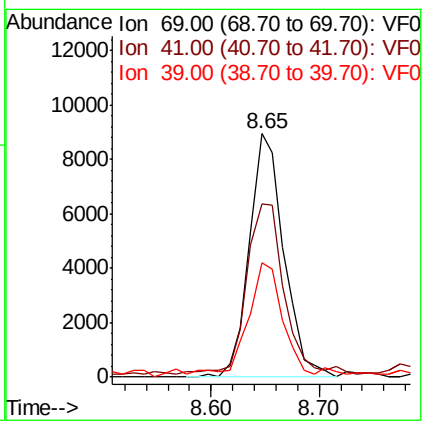
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

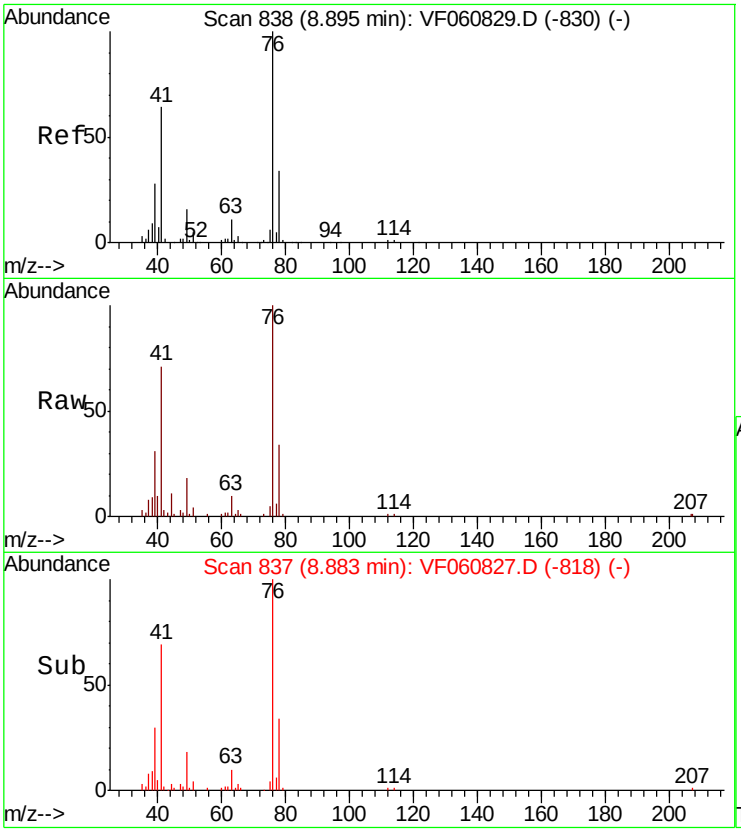


#56
Ethyl methacrylate
Concen: 10.259 ug/l
RT: 8.65 min Scan# 813
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 69 Resp: 19911

Ion	Ratio	Lower	Upper
69	100		
41	71.2	62.6	94.0
39	46.7	37.8	56.6





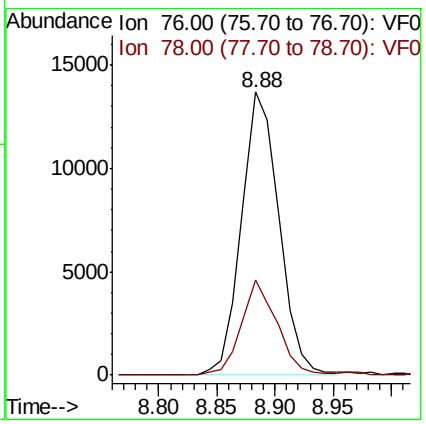
#57
1,3-Dichloropropane
Concen: 10.295 ug/l
RT: 8.88 min Scan# 837
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

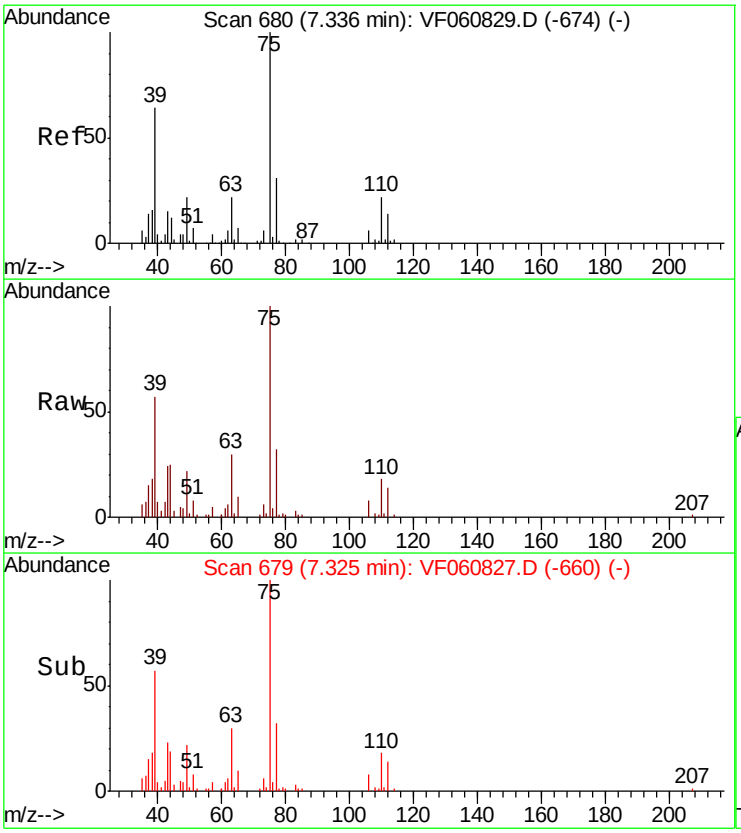
Tgt Ion: 76 Resp: 30687

Ion	Ratio	Lower	Upper
76	100		
78	33.6	27.0	40.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

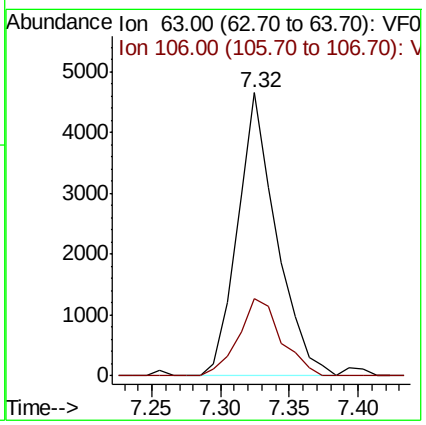


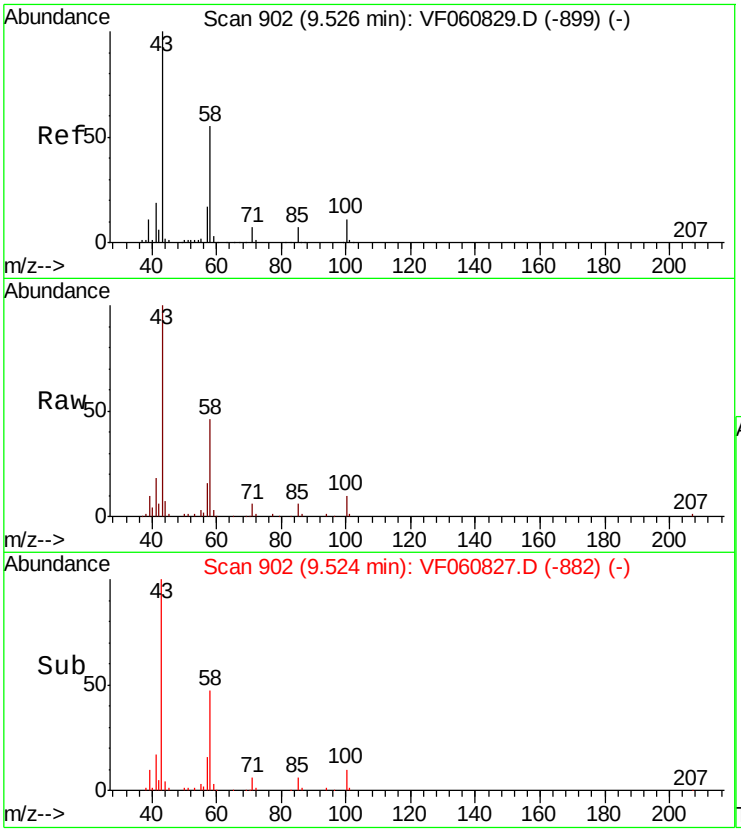


#58
2-Chloroethyl Vinyl ether
Concen: 51.722 ug/l
RT: 7.32 min Scan# 679
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 63 Resp: 9123

Ion	Ratio	Lower	Upper
63	100		
106	27.1	23.0	34.6

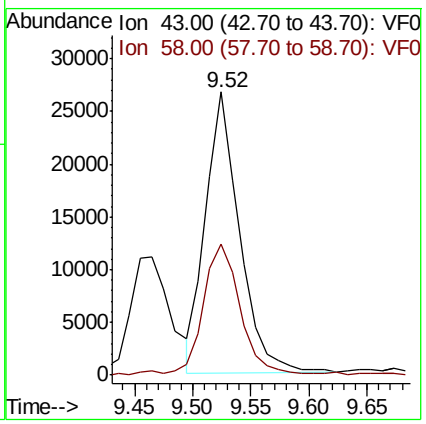




#59
2-Hexanone
Concen: 54.381 ug/l
RT: 9.52 min Scan# 902
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

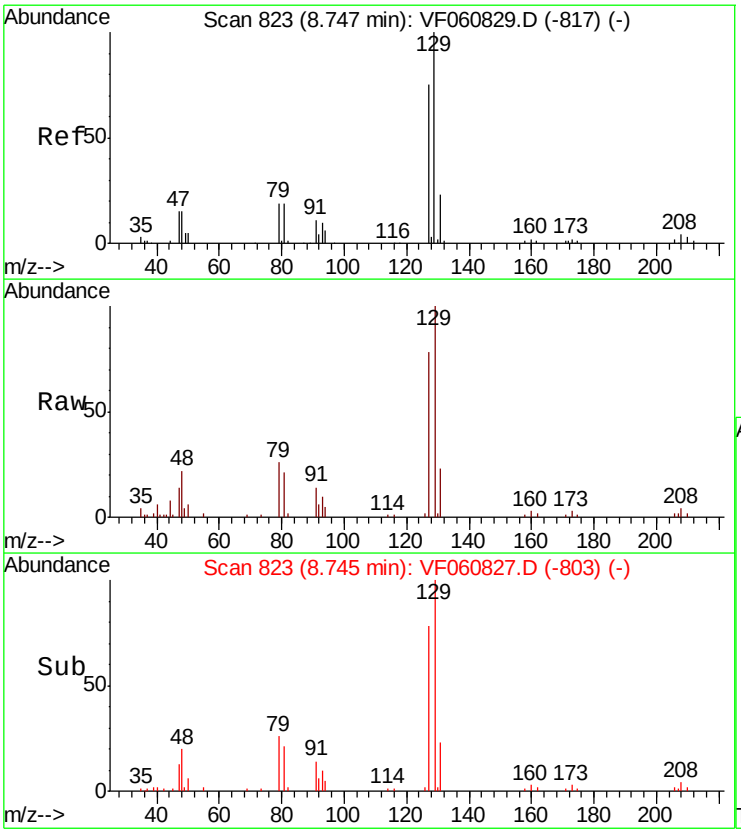
Tgt Ion: 43 Resp: 54362

Ion	Ratio	Lower	Upper
43	100		
58	46.4	25.6	76.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

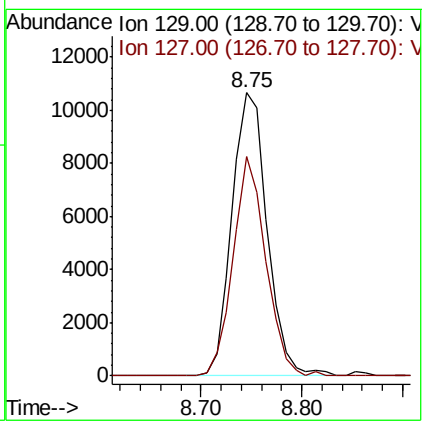
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

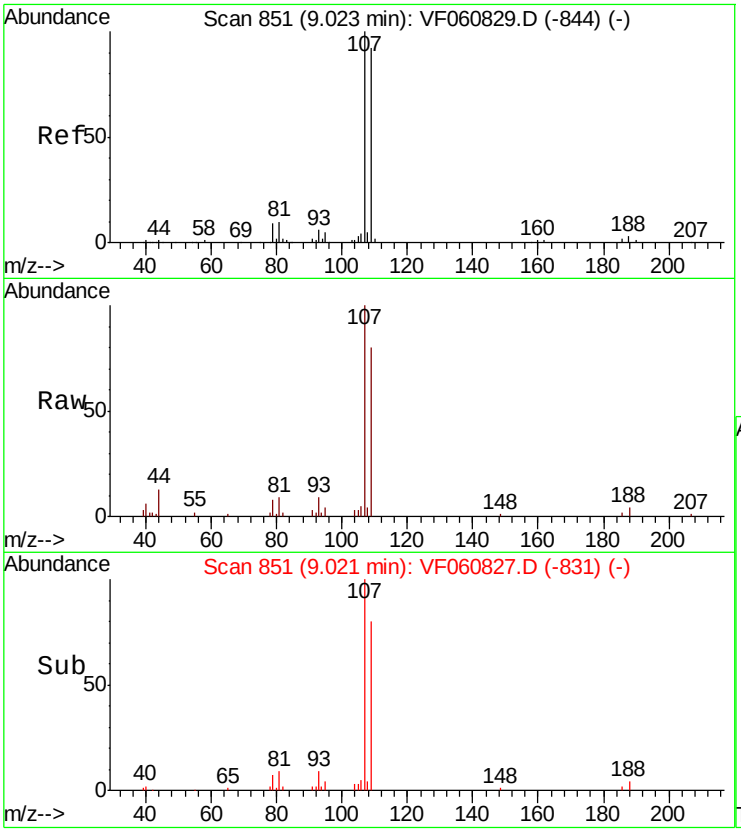


#60
Dibromochloromethane
Concen: 10.611 ug/l
RT: 8.75 min Scan# 823
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:129 Resp: 25935

Ion	Ratio	Lower	Upper
129	100		
127	77.6	37.3	111.9

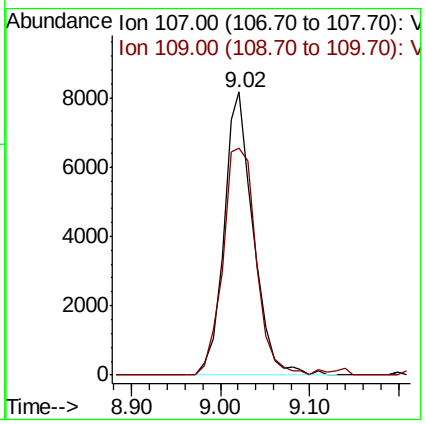




#61
1,2-Dibromoethane
Concen: 10.470 ug/l
RT: 9.02 min Scan# 851
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

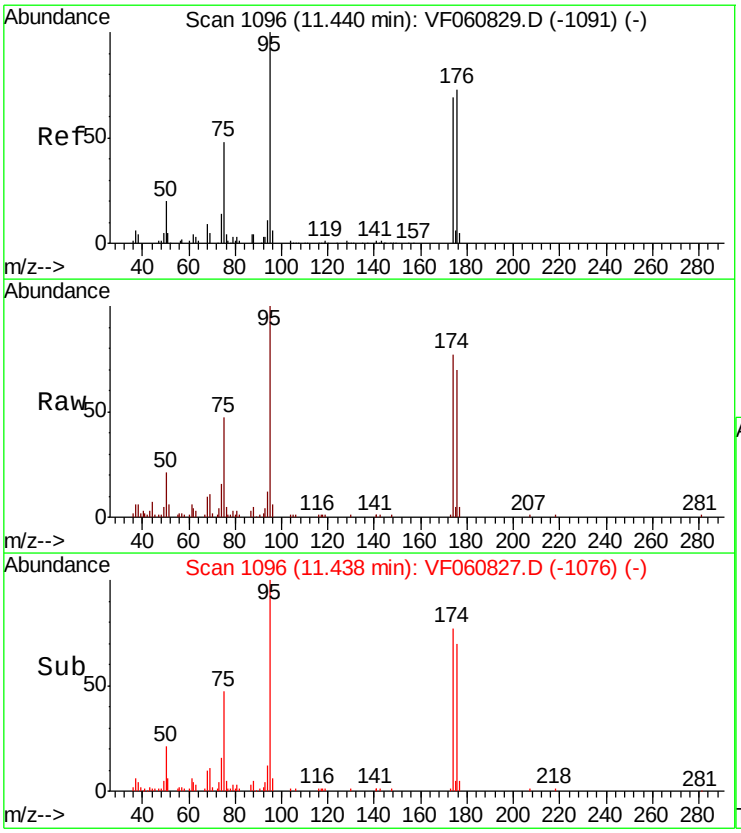
Tgt Ion:107 Resp: 18679

Ion	Ratio	Lower	Upper
107	100		
109	80.3	73.6	110.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

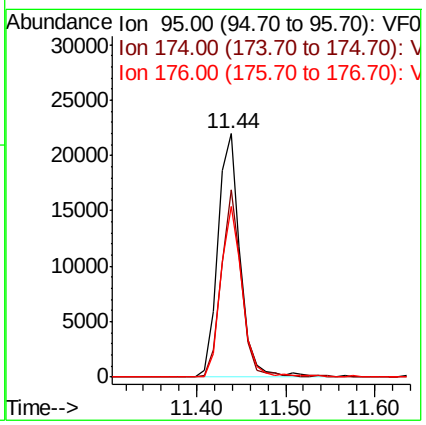
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

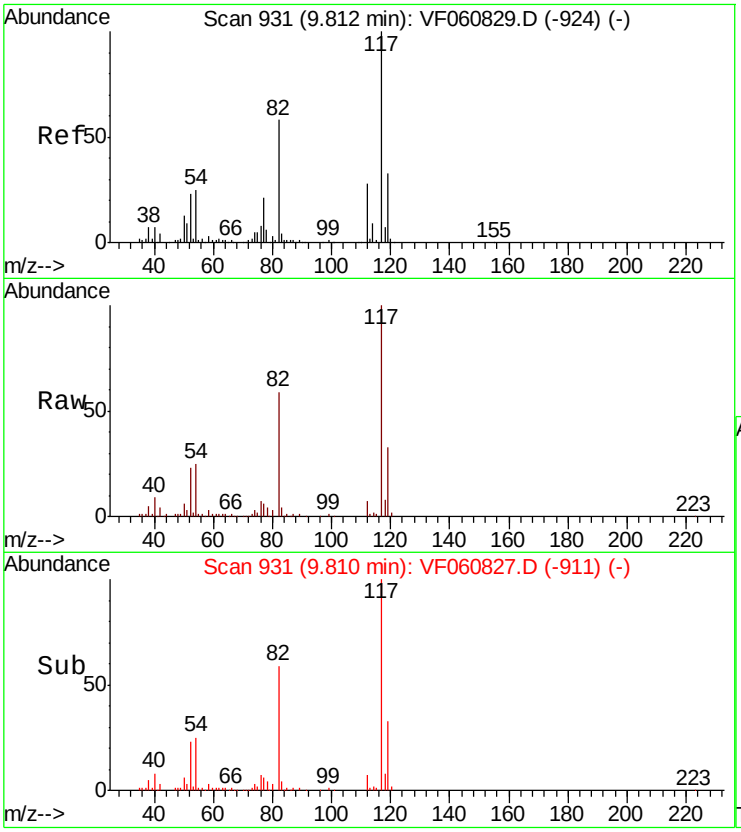


#62
4-Bromofluorobenzene
Concen: 10.863 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 95 Resp: 38703

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	138.2
176	69.9	0.0	146.2

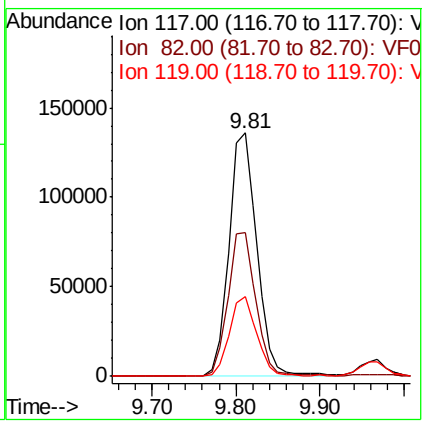




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

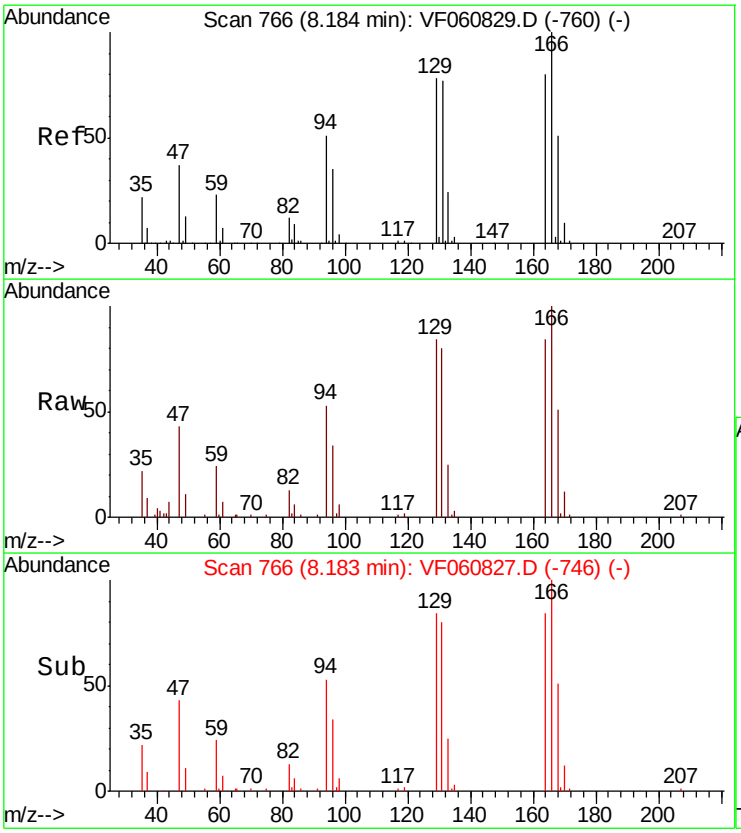
Tgt Ion:117 Resp: 314240

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.6	69.8
119	32.7	26.4	39.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

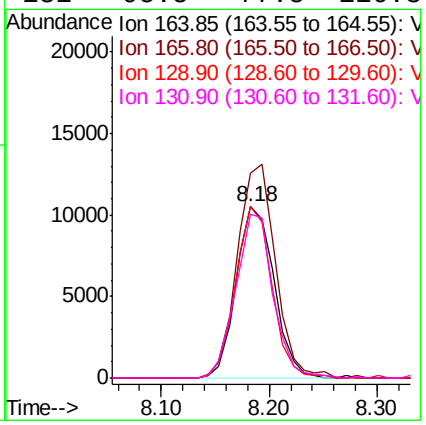
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

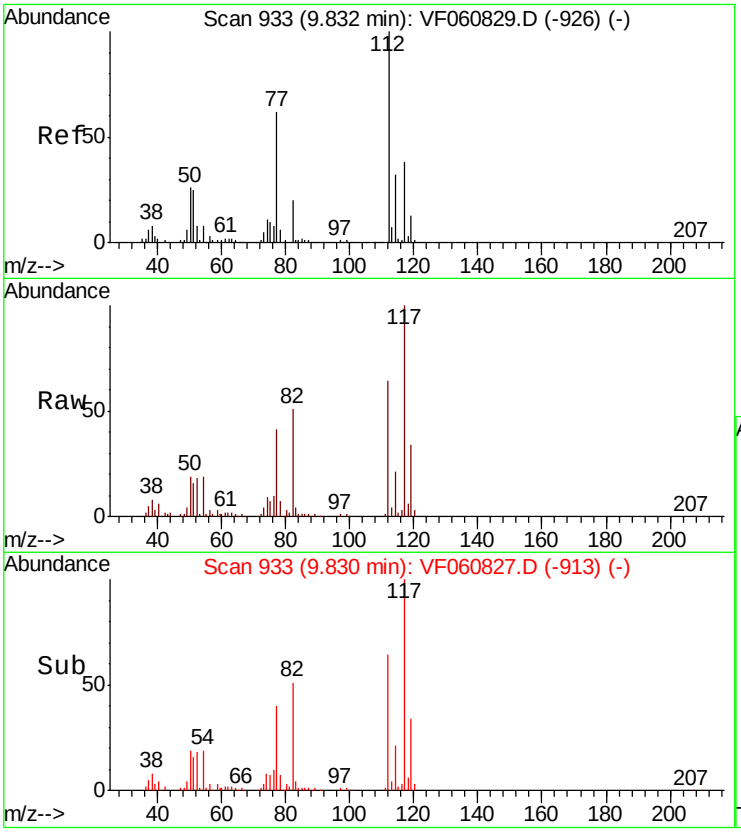


#64
Tetrachloroethene
Concen: 10.595 ug/l
RT: 8.18 min Scan# 766
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:164 Resp: 25571

Ion	Ratio	Lower	Upper
164	100		
166	119.6	100.3	150.5
129	100.0	77.9	116.9
131	95.5	77.5	116.3





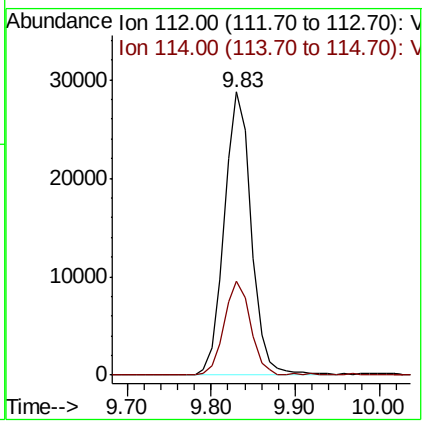
#65
Chlorobenzene
Concen: 10.191 ug/l
RT: 9.83 min Scan# 933
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

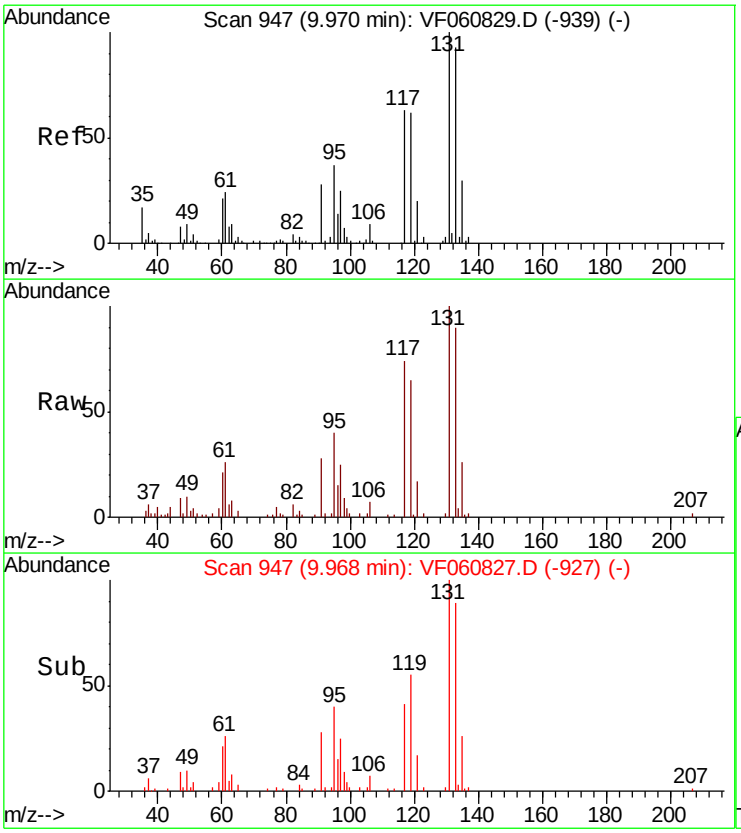
Tgt Ion:112 Resp: 64257

Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.0	39.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

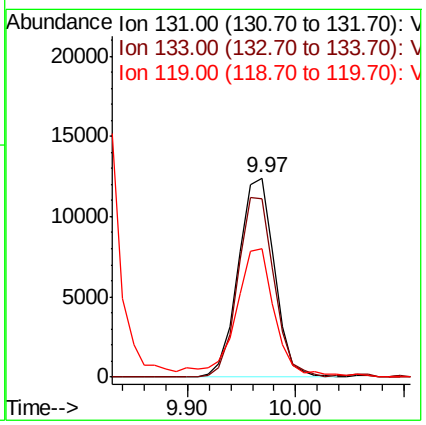


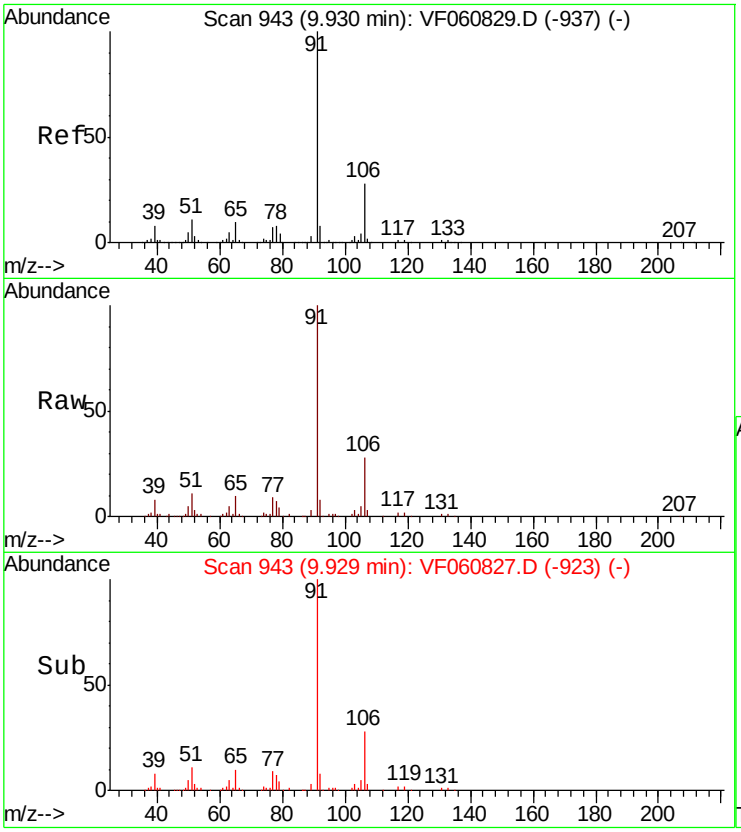


#66
1,1,1,2-Tetrachloroethane
Concen: 10.699 ug/l
RT: 9.97 min Scan# 947
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:131 Resp: 28886

Ion	Ratio	Lower	Upper
131	100		
133	89.7	46.5	139.3
119	64.5	31.1	93.3





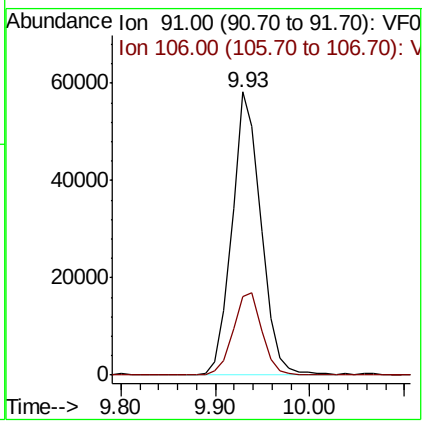
#67
Ethyl Benzene
Concen: 10.440 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

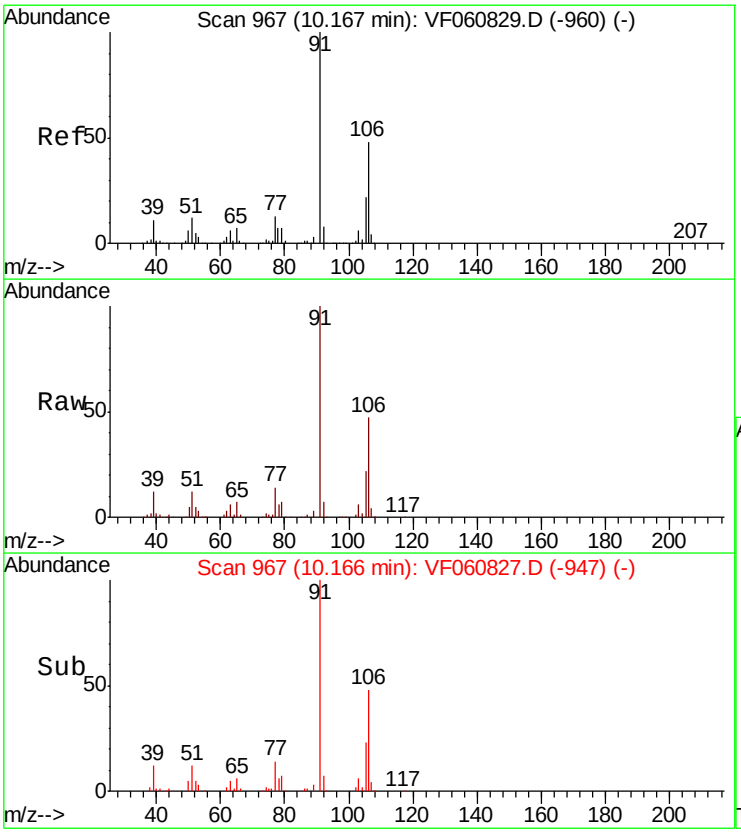
Tgt Ion: 91 Resp: 123281

Ion	Ratio	Lower	Upper
91	100		
106	27.9	22.2	33.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

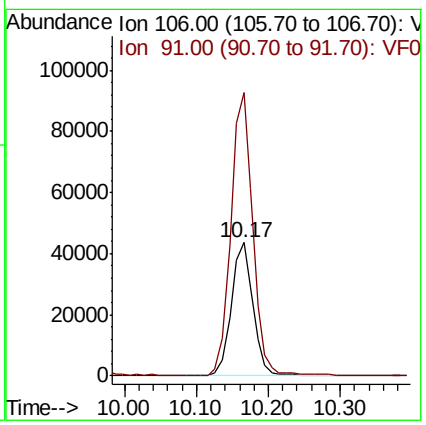


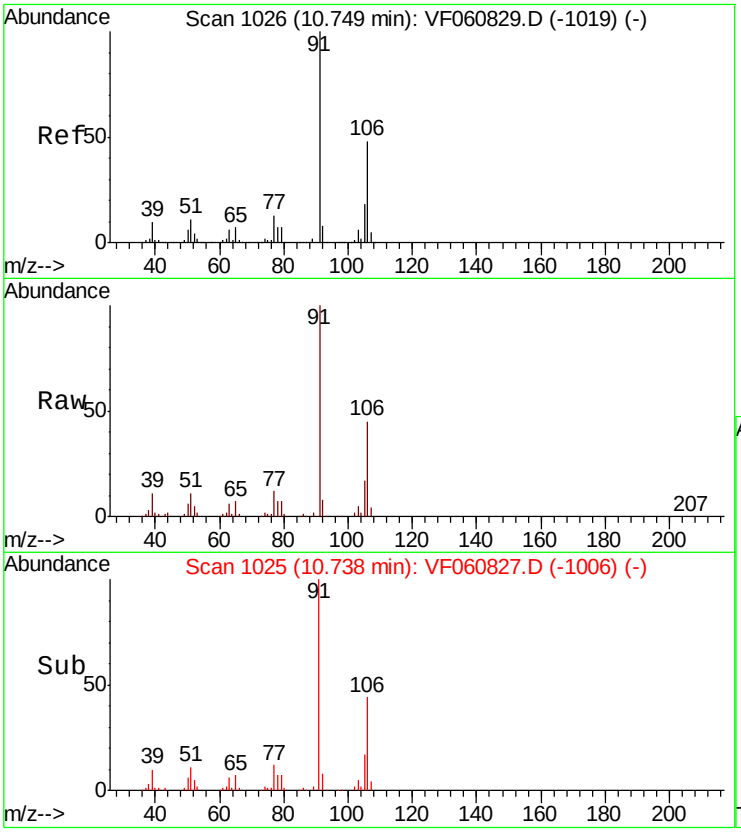


#68
m/p-Xylenes
Concen: 21.862 ug/l
RT: 10.17 min Scan# 967
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:106 Resp: 91935

Ion	Ratio	Lower	Upper
106	100		
91	212.4	166.7	250.1

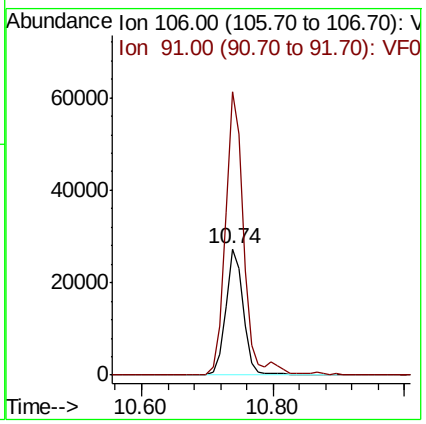




#69
o-Xylene
Concen: 10.885 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

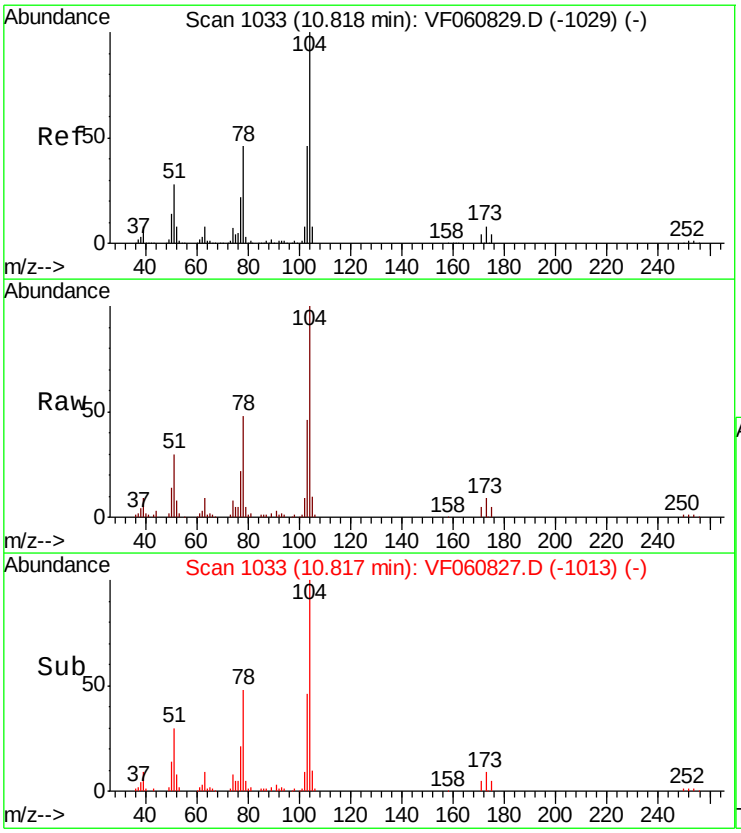
Tgt Ion:106 Resp: 51267

Ion	Ratio	Lower	Upper
106	100		
91	224.5	104.8	314.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

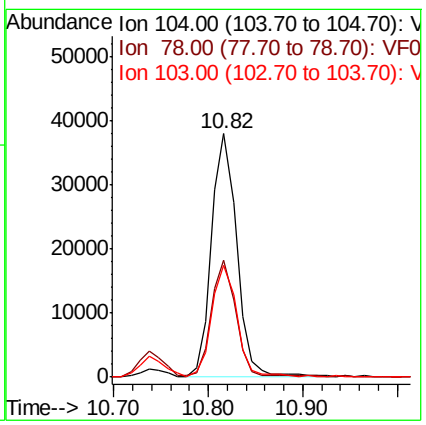
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

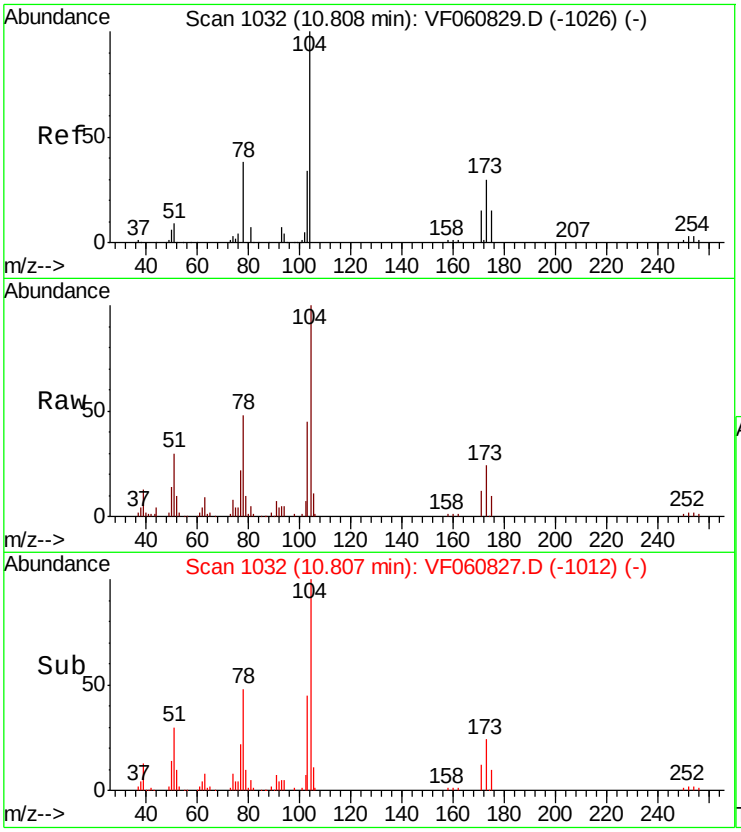


#70
Styrene
Concen: 11.049 ug/l
RT: 10.82 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:104 Resp: 71055

Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.3	55.9
103	46.2	36.8	55.2

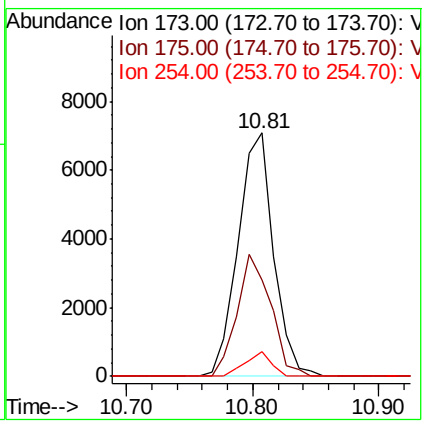




#71
Bromoform
Concen: 11.277 ug/l
RT: 10.81 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

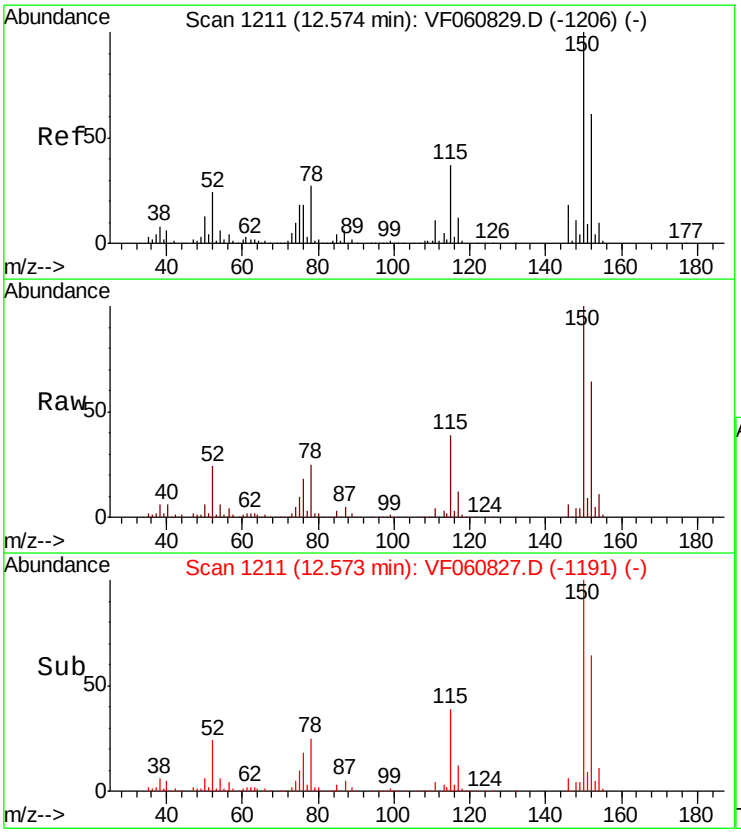
Tgt Ion:173 Resp: 13834

Ion	Ratio	Lower	Upper
173	100		
175	39.7	25.5	76.5
254	10.0	7.5	11.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

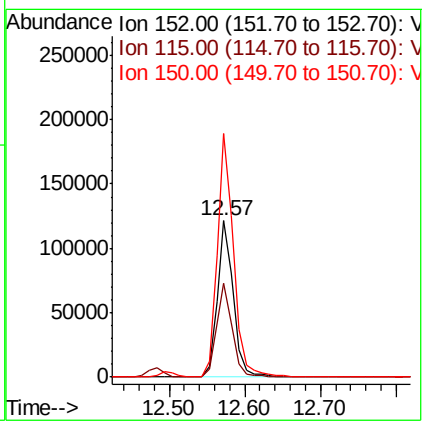
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

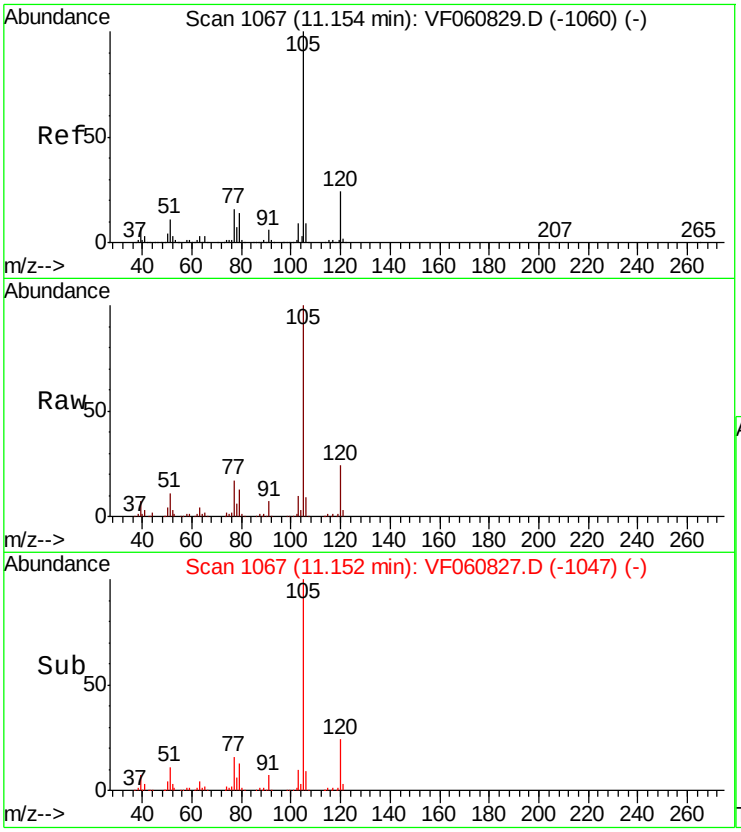


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:152 Resp: 180317

Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	156.0	0.0	327.6





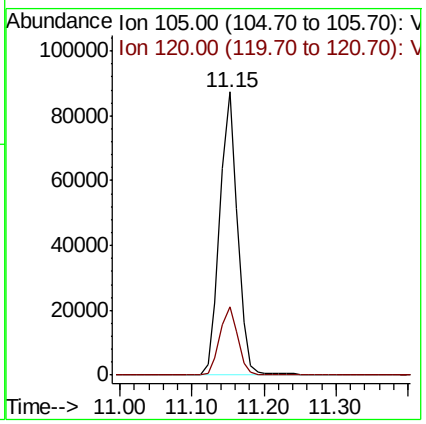
#73
Isopropylbenzene
Concen: 10.320 ug/l
RT: 11.15 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

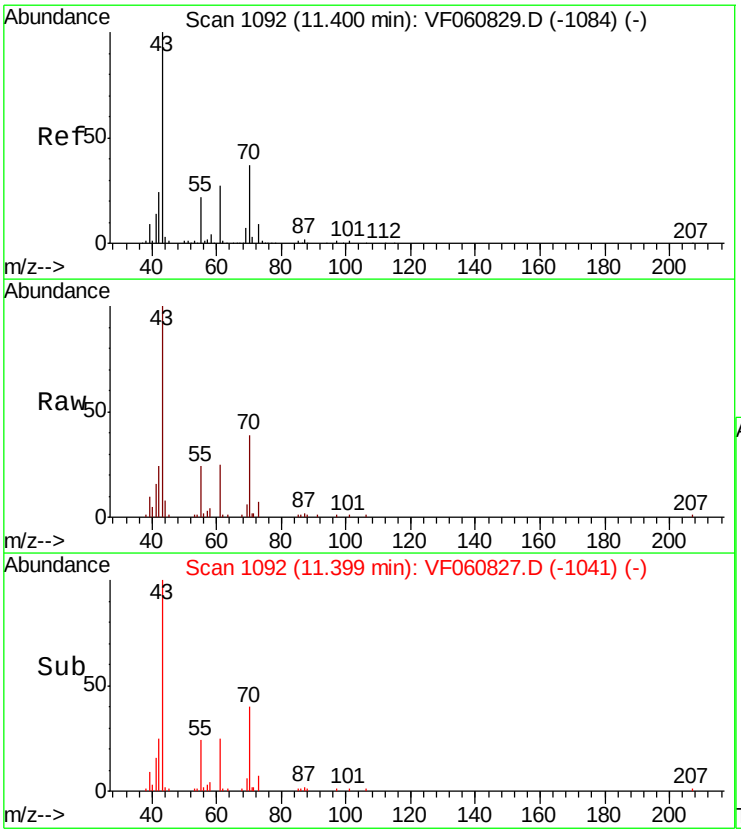
Tgt Ion:105 Resp: 149117

Ion	Ratio	Lower	Upper
105	100		
120	24.0	12.2	36.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

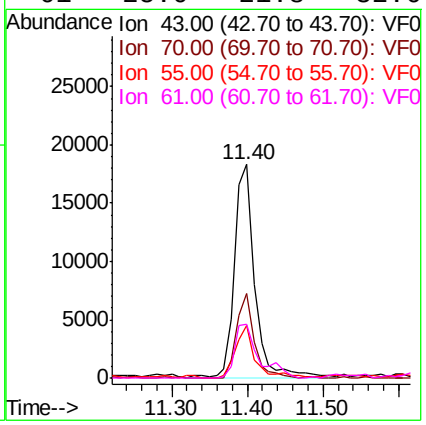


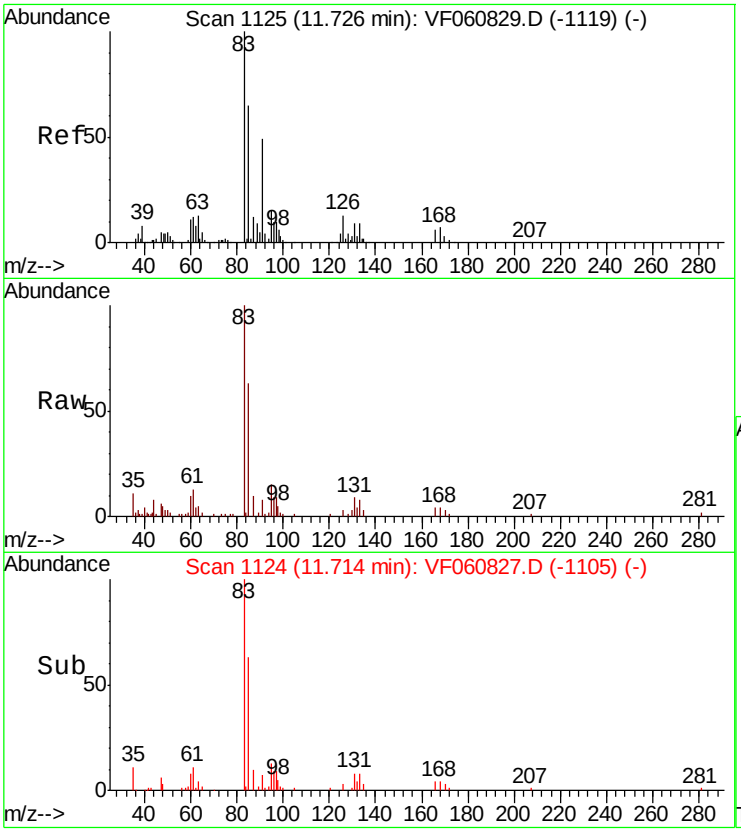


#74
N-amyl acetate
Concen: 10.194 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 43 Resp: 33991

Ion	Ratio	Lower	Upper
43	100		
70	39.5	29.6	44.4
55	24.4	17.2	25.8
61	25.0	21.8	32.6

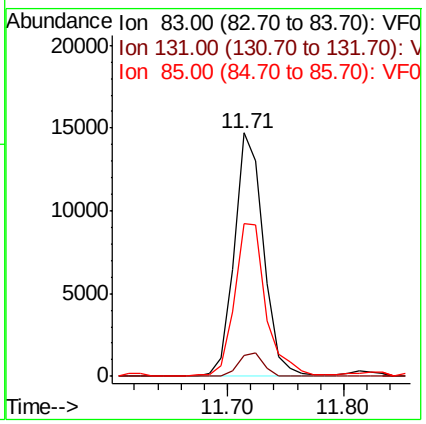




#75
1,1,2,2-Tetrachloroethane
Concen: 10.754 ug/l
RT: 11.71 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

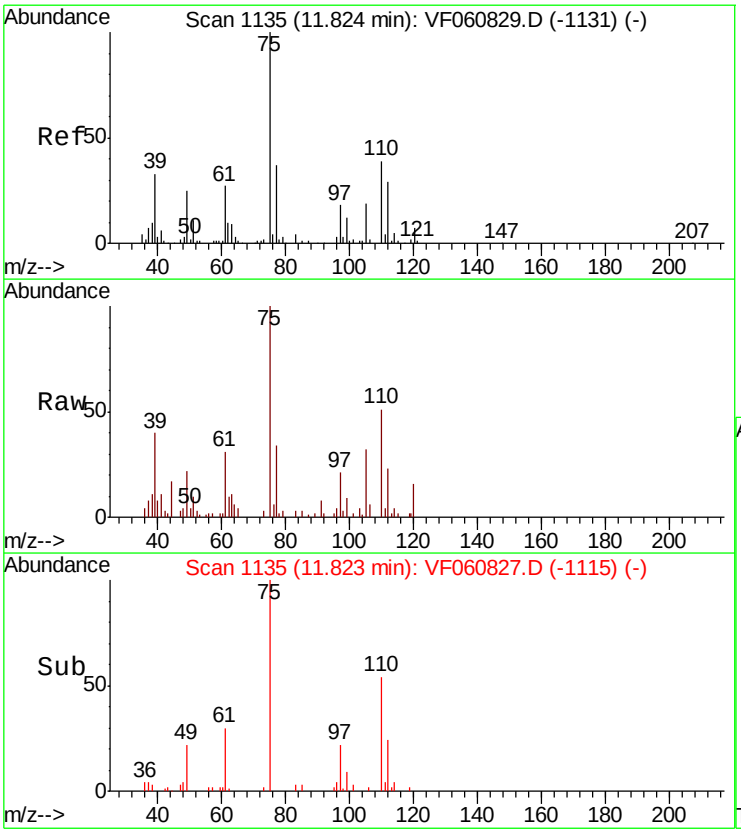
Tgt Ion: 83 Resp: 25605

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.7	14.1
85	62.5	32.6	97.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

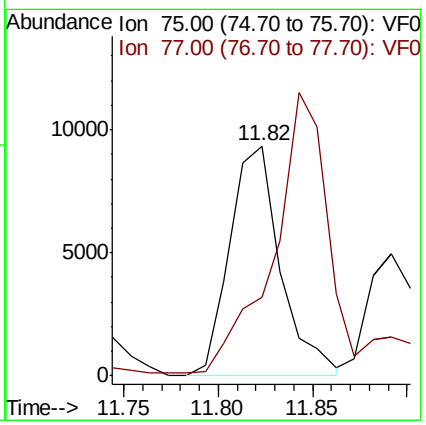
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

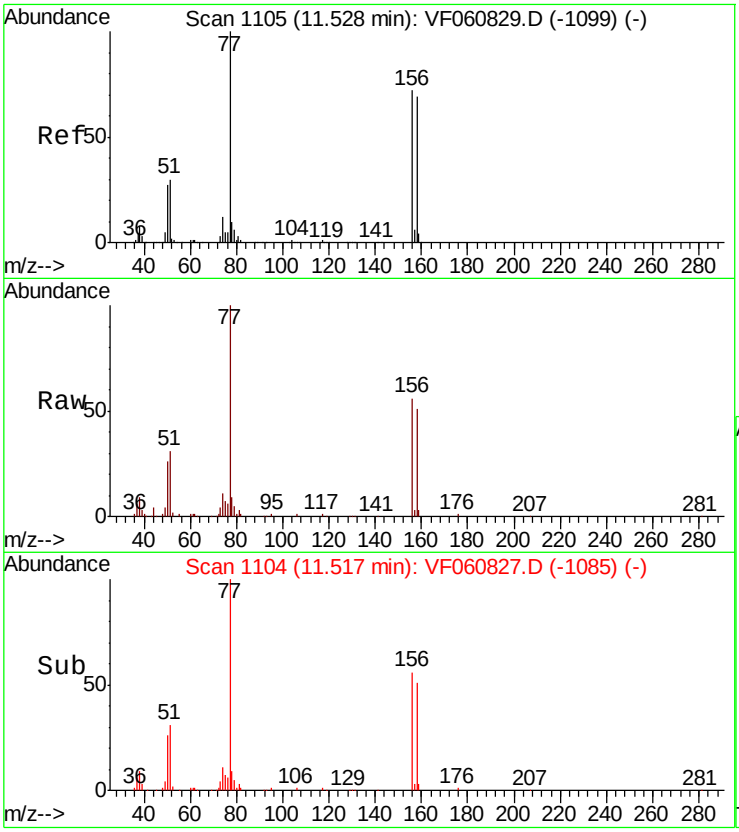


#76
1,2,3-Trichloropropane
Concen: 9.760 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 75 Resp: 17463

Ion	Ratio	Lower	Upper
75	100		
77	34.3	18.4	55.4

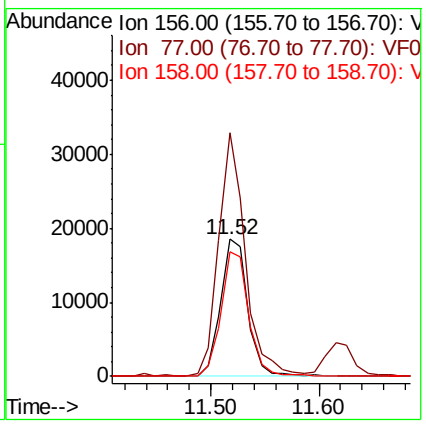




#77
Bromobenzene
Concen: 10.520 ug/l
RT: 11.52 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

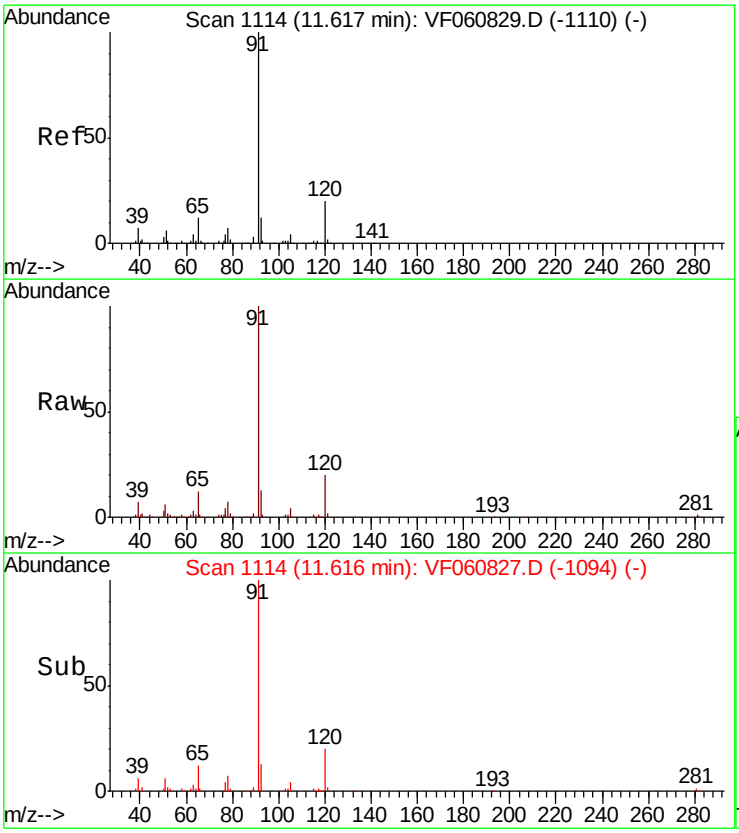
Tgt Ion:156 Resp: 32214

Ion	Ratio	Lower	Upper
156	100		
77	177.3	69.7	209.0
158	91.1	47.8	143.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

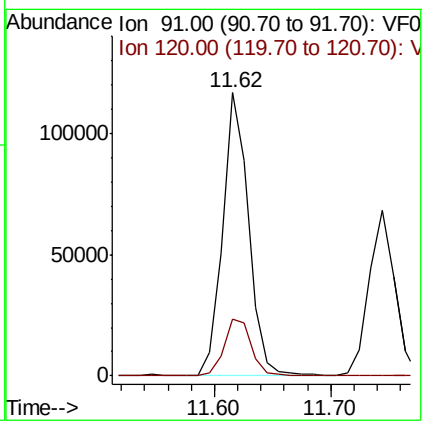
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

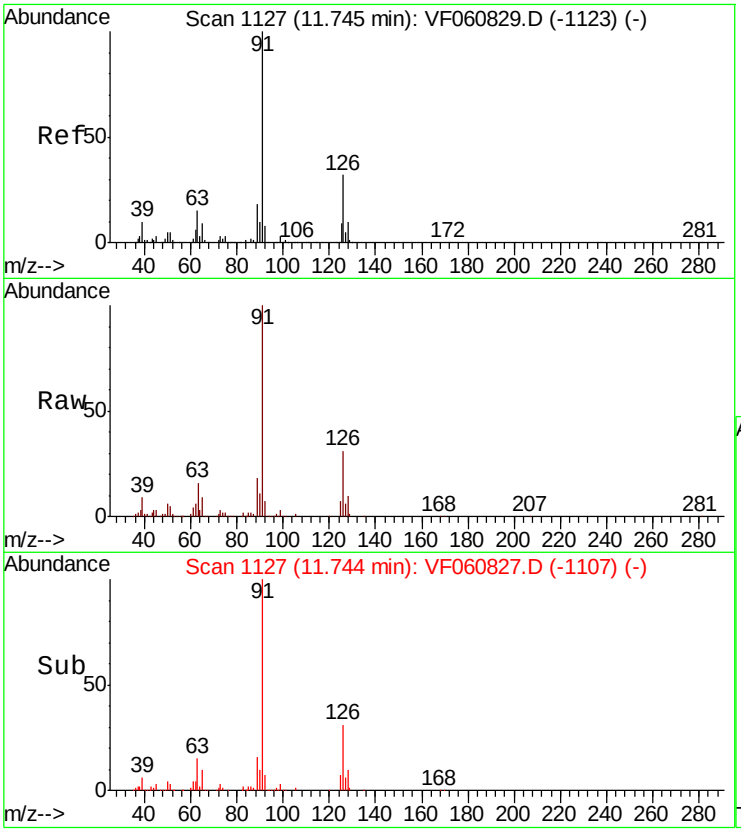


#78
n-propylbenzene
Concen: 10.594 ug/l
RT: 11.62 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 91 Resp: 180872

Ion	Ratio	Lower	Upper
91	100		
120	20.0	10.3	30.8





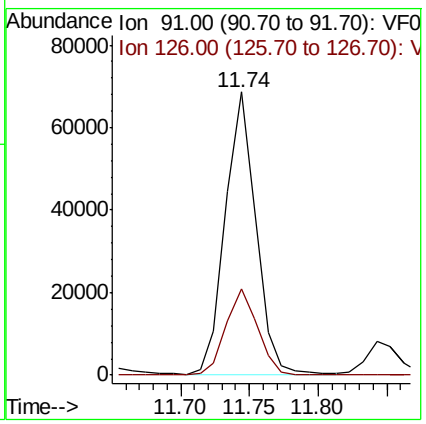
#79
2-Chlorotoluene
Concen: 10.746 ug/l
RT: 11.74 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

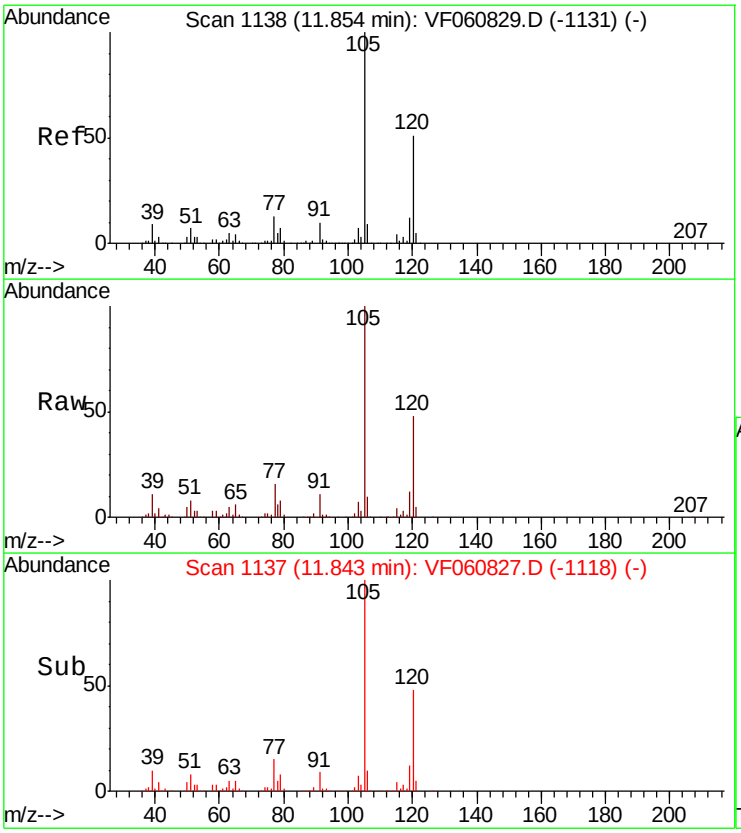
Tgt Ion: 91 Resp: 105440

Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.9	47.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

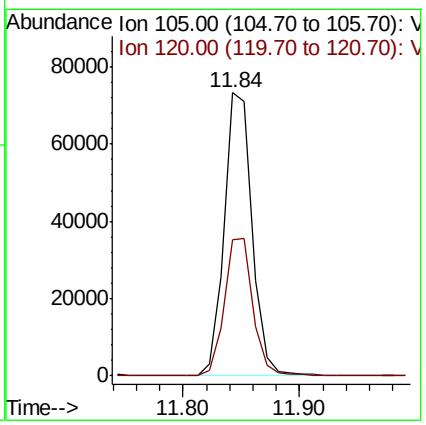


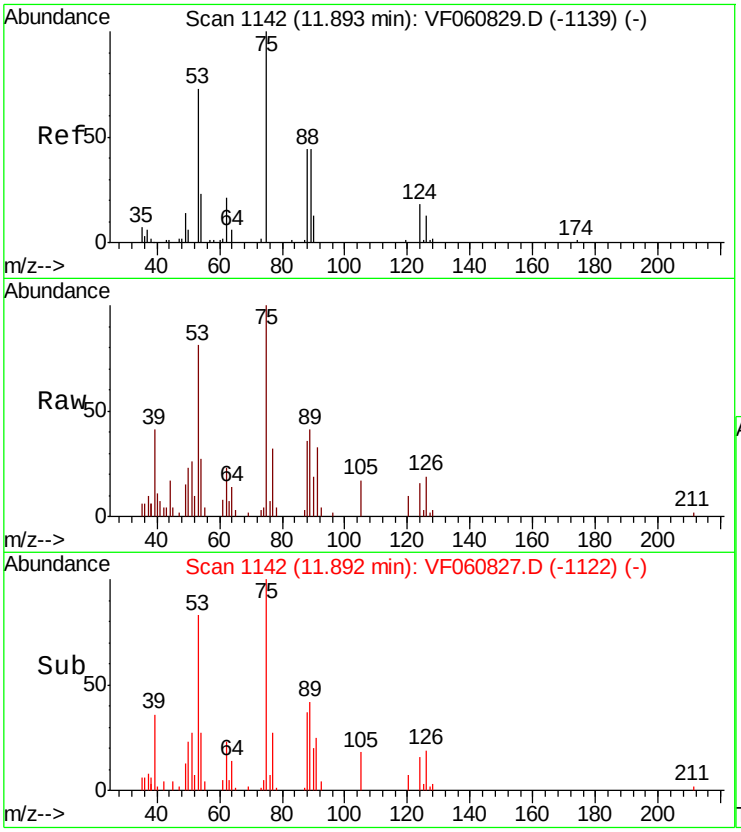


#80
1,3,5-Trimethylbenzene
Concen: 10.566 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:105 Resp: 121754

Ion	Ratio	Lower	Upper
105	100		
120	48.2	25.8	77.3





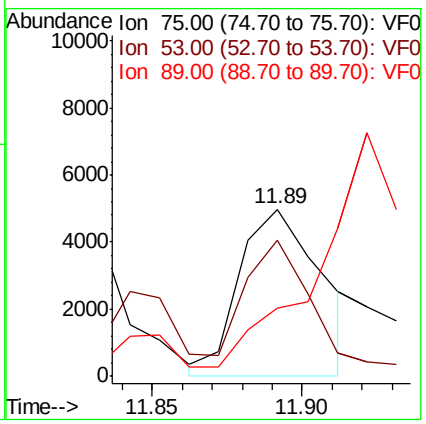
#81
trans-1,4-Dichloro-2-butene
Concen: 10.803 ug/l m
RT: 11.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

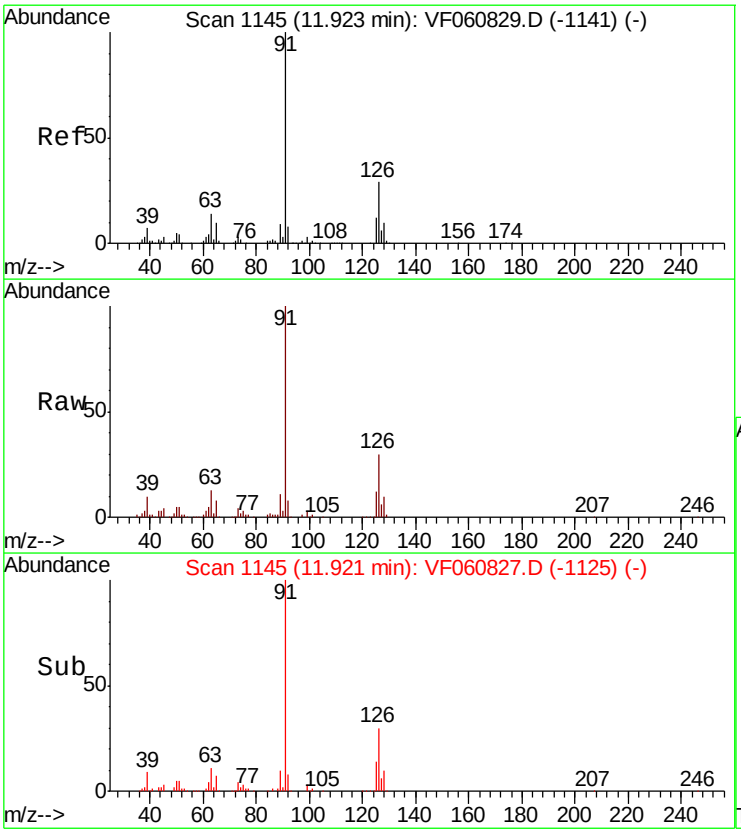
Tgt Ion: 75 Resp: 9372

Ion	Ratio	Lower	Upper
75	100		
53	81.5	65.9	98.9
89	41.0	38.8	58.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

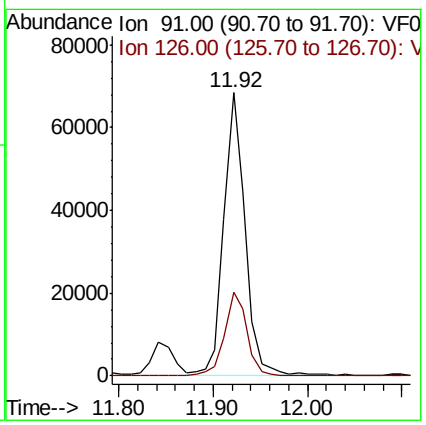


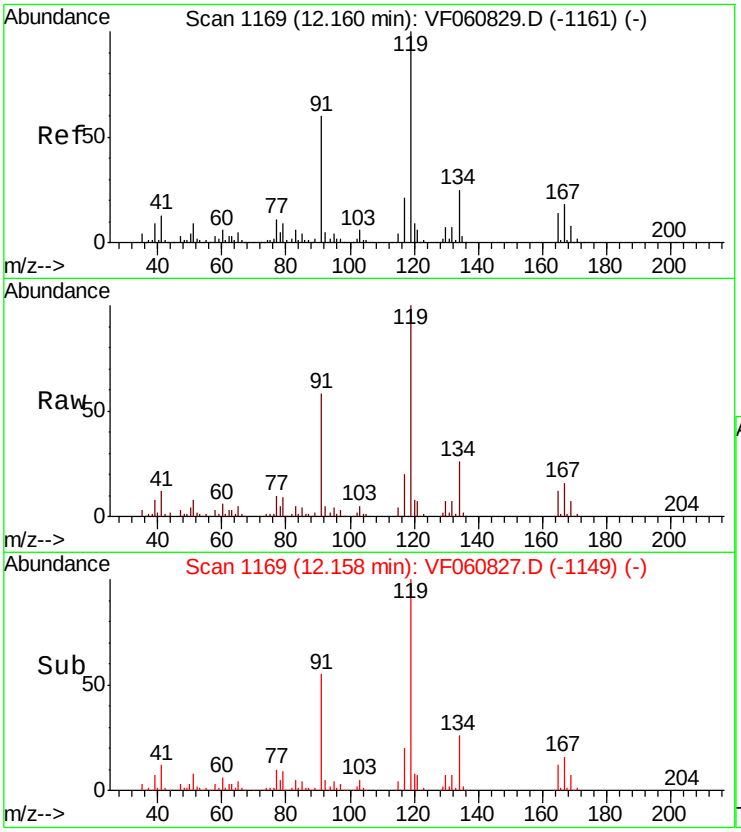


#82
4-Chlorotoluene
Concen: 10.467 ug/l
RT: 11.92 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 91 Resp: 105535

Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.8	44.4

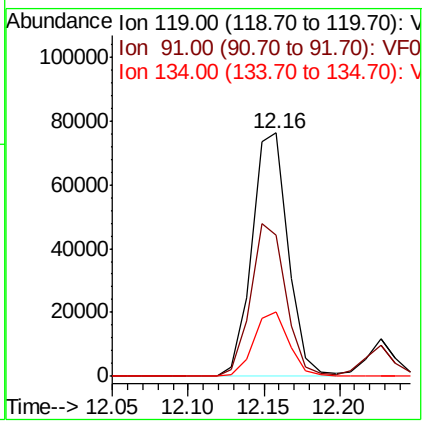




#83
tert-Butylbenzene
Concen: 10.617 ug/l
RT: 12.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

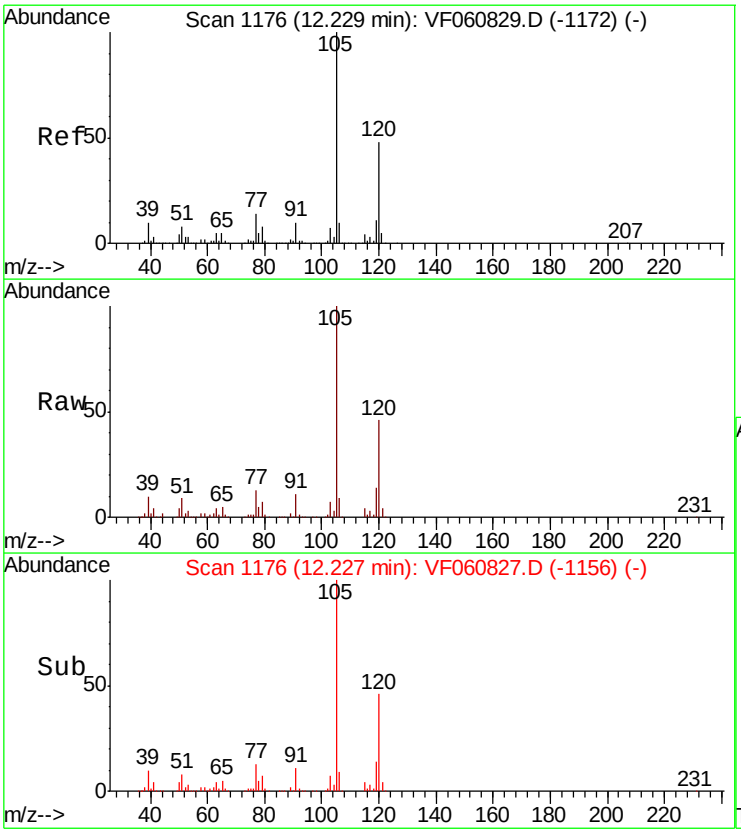
Tgt Ion:119 Resp: 127969

Ion	Ratio	Lower	Upper
119	100		
91	57.8	30.1	90.3
134	26.4	12.6	37.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

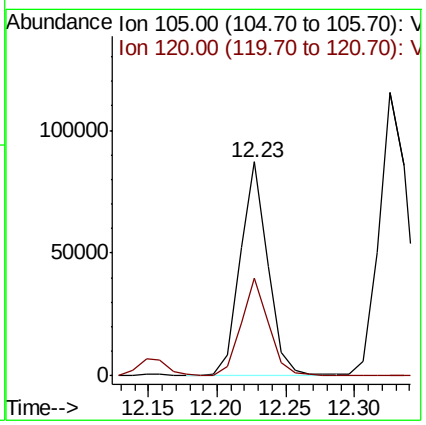
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

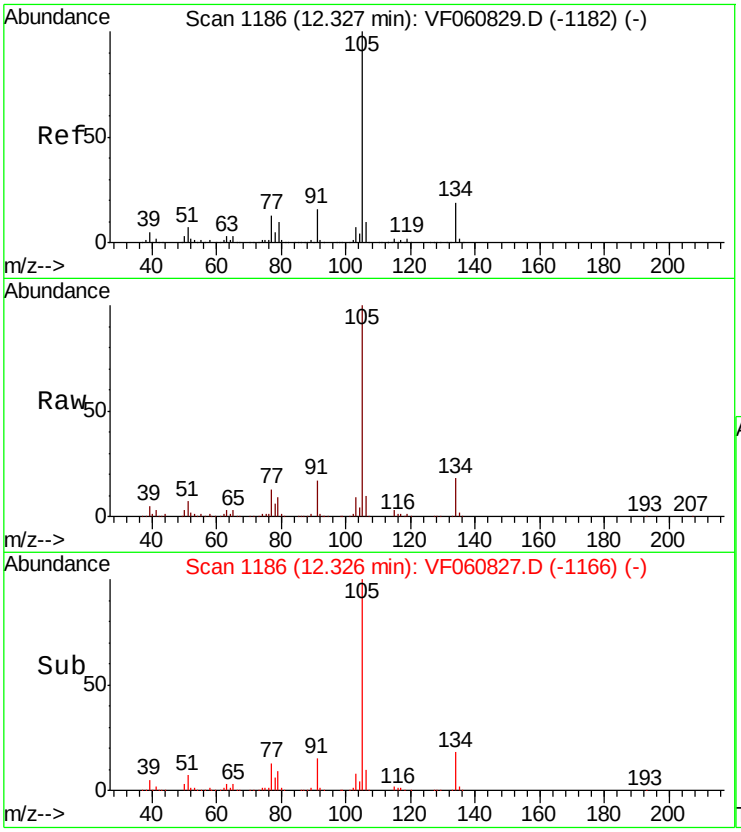


#84
1,2,4-Trimethylbenzene
Concen: 10.292 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:105 Resp: 122890

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.8	71.5

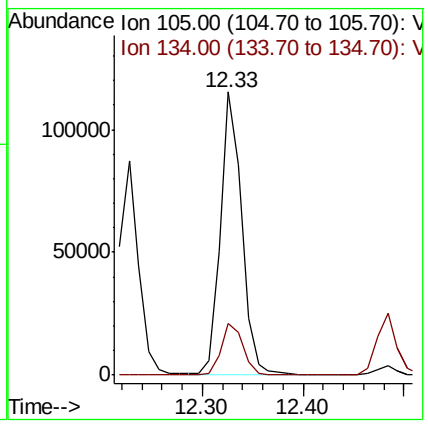




#85
sec-Butylbenzene
Concen: 10.355 ug/l
RT: 12.33 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

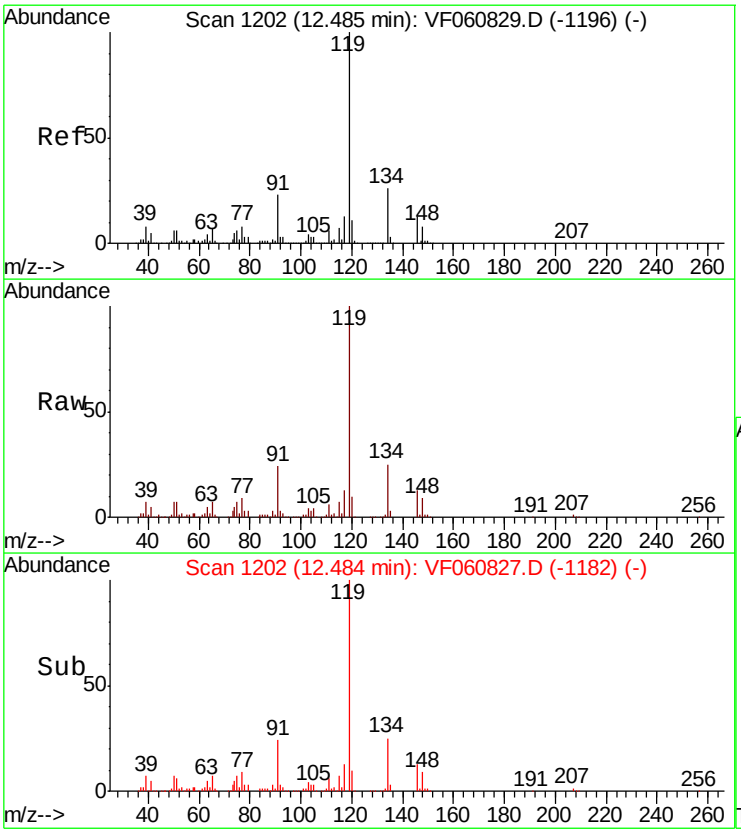
Tgt Ion:105 Resp: 170700

Ion	Ratio	Lower	Upper
105	100		
134	18.1	9.5	28.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

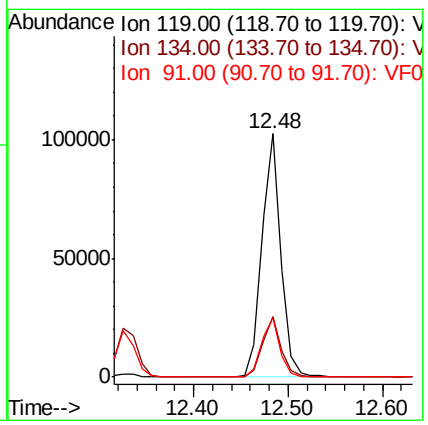
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

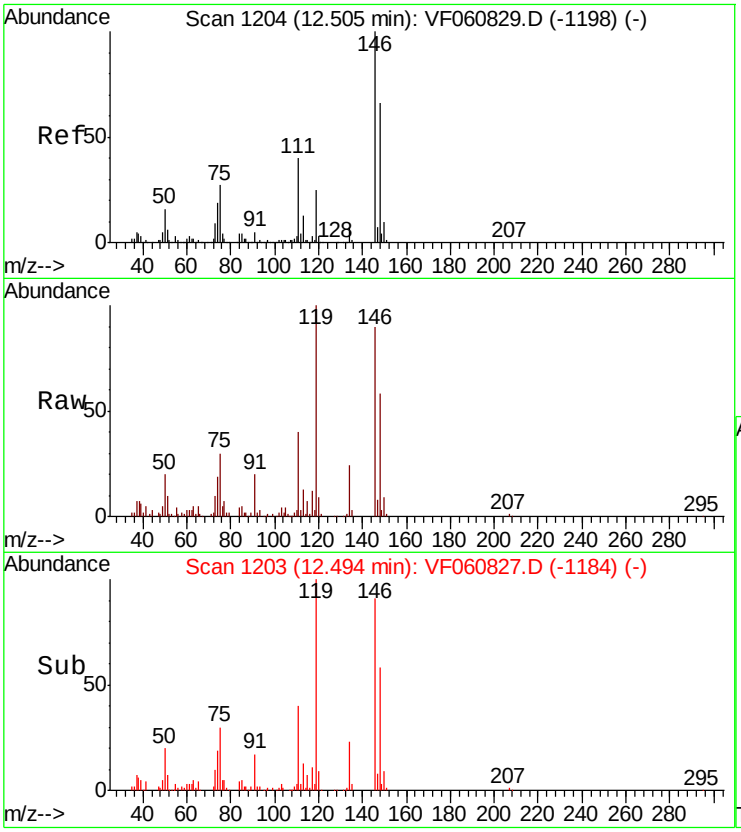


#86
p-Isopropyltoluene
Concen: 10.519 ug/l
RT: 12.48 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:119 Resp: 143952

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.9	38.6
91	24.3	11.8	35.3

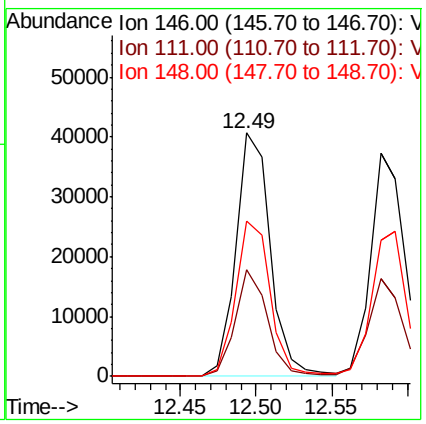




#87
1,3-Dichlorobenzene
Concen: 10.736 ug/l
RT: 12.49 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

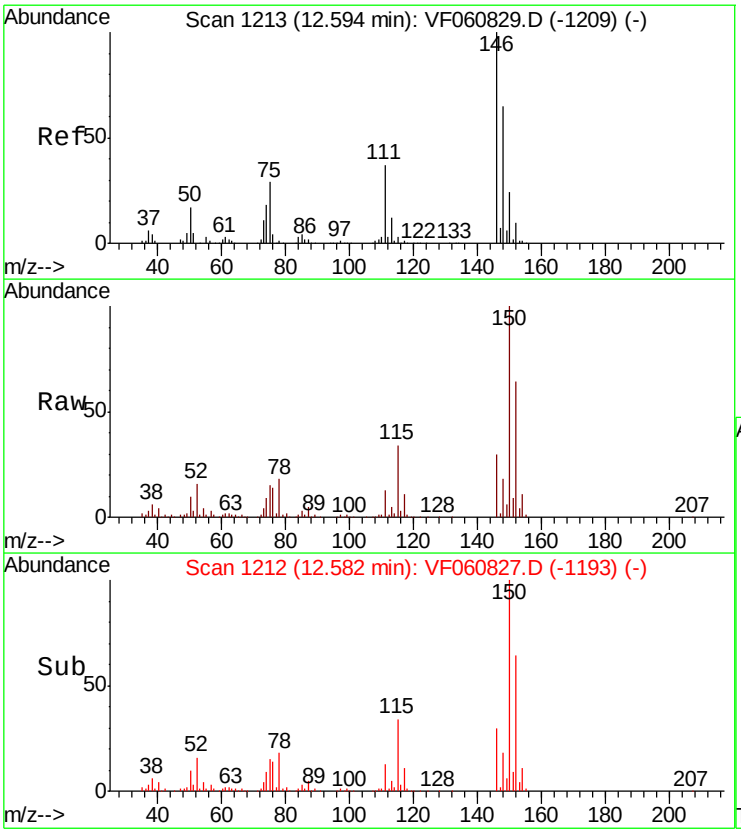
Tgt Ion:146 Resp: 64509

Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.0	59.9
148	63.6	32.9	98.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

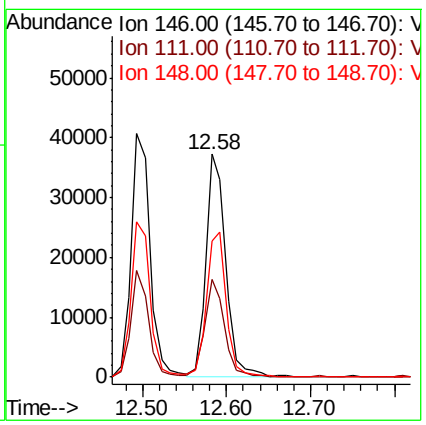
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

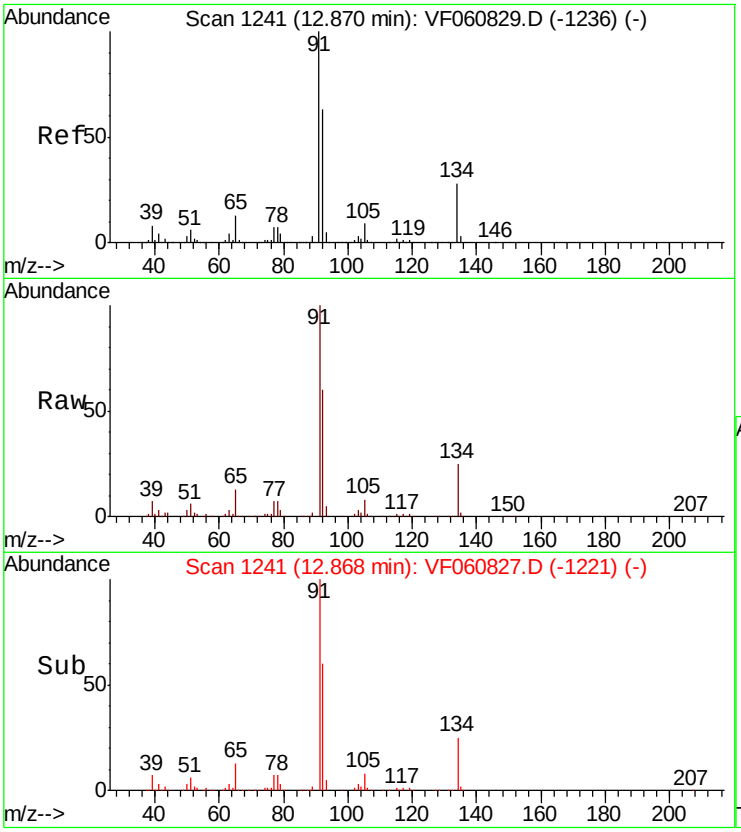


#88
1,4-Dichlorobenzene
Concen: 10.598 ug/l
RT: 12.58 min Scan# 1212
Delta R.T. -0.01 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:146 Resp: 61009

Ion	Ratio	Lower	Upper
146	100		
111	43.8	18.9	56.7
148	61.0	32.3	96.9

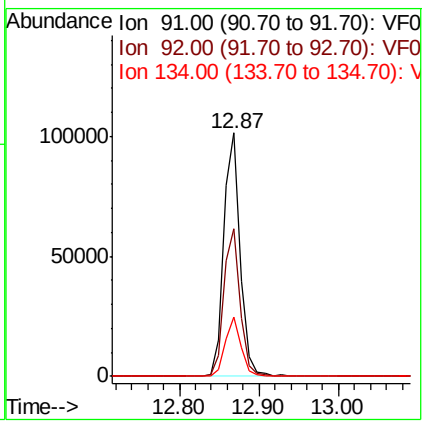




#89
n-Butylbenzene
Concen: 10.452 ug/l
RT: 12.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

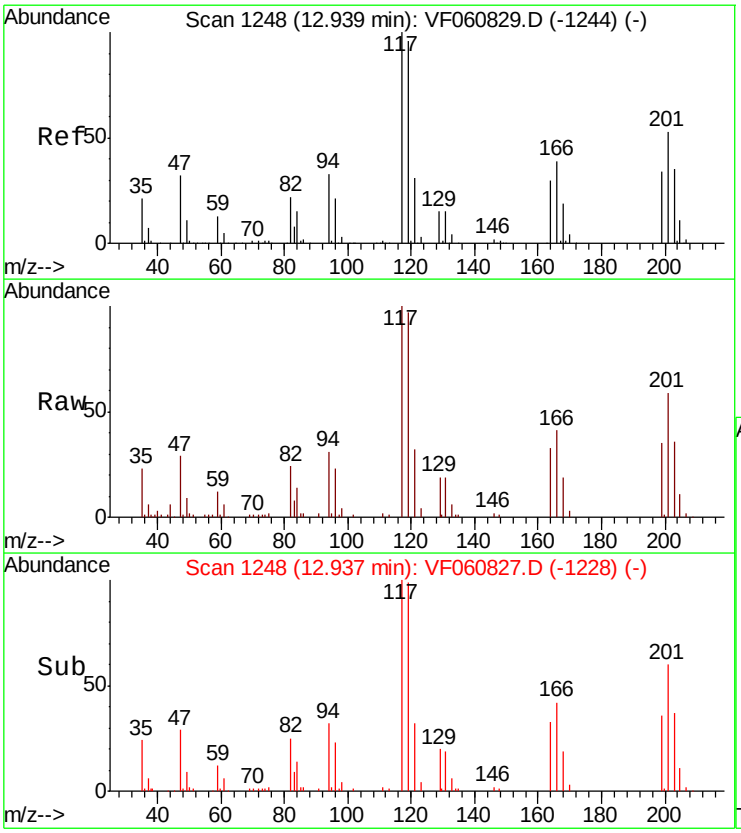
Tgt Ion: 91 Resp: 148258

Ion	Ratio	Lower	Upper
91	100		
92	60.4	31.6	94.7
134	24.6	13.8	41.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

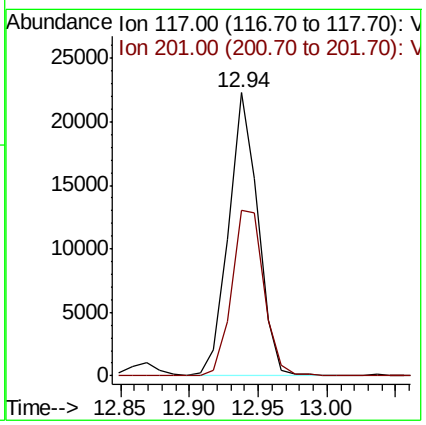
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

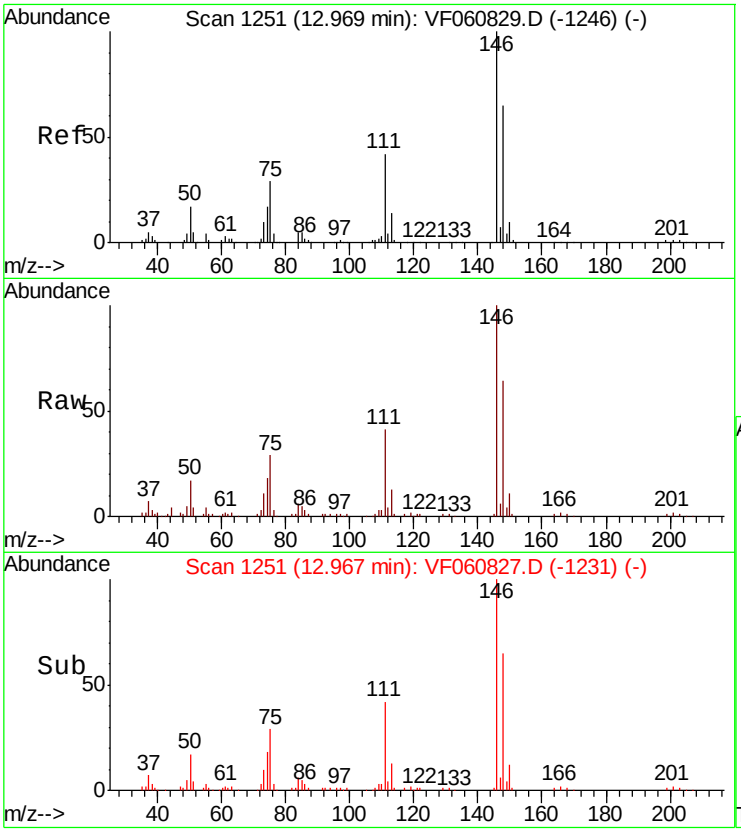


#90
Hexachloroethane
Concen: 9.904 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:117 Resp: 33205

Ion	Ratio	Lower	Upper
117	100		
201	58.5	26.7	80.1

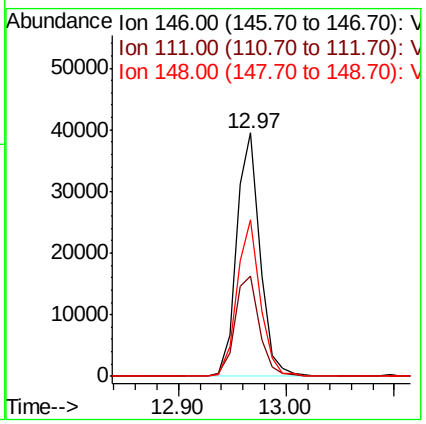




#91
1,2-Dichlorobenzene
Concen: 10.351 ug/l
RT: 12.97 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

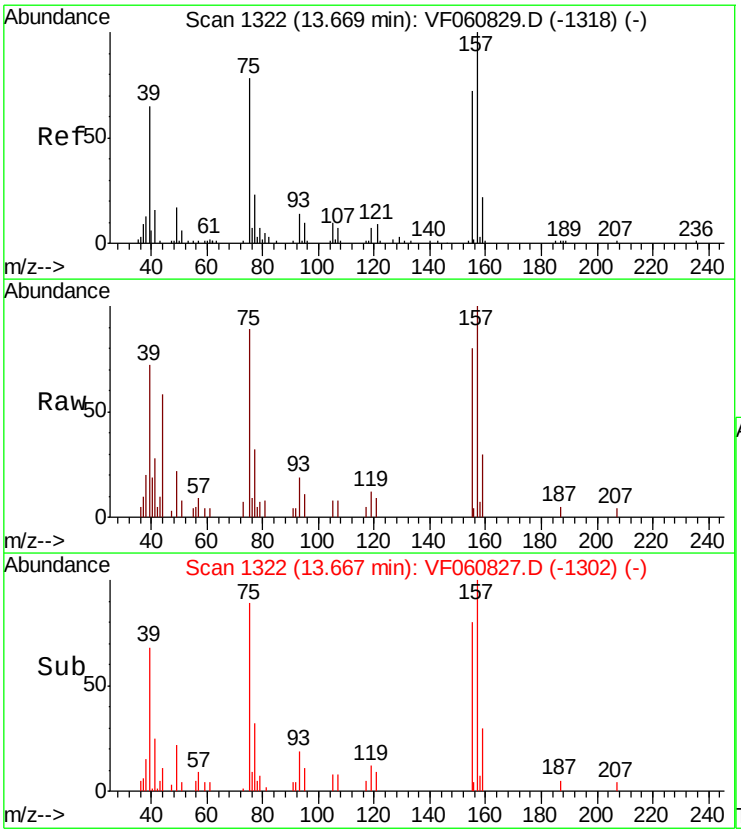
Tgt Ion:146 Resp: 58964

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.2	63.6
148	64.5	32.5	97.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

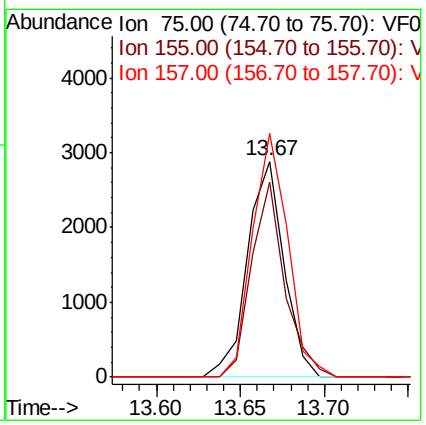
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

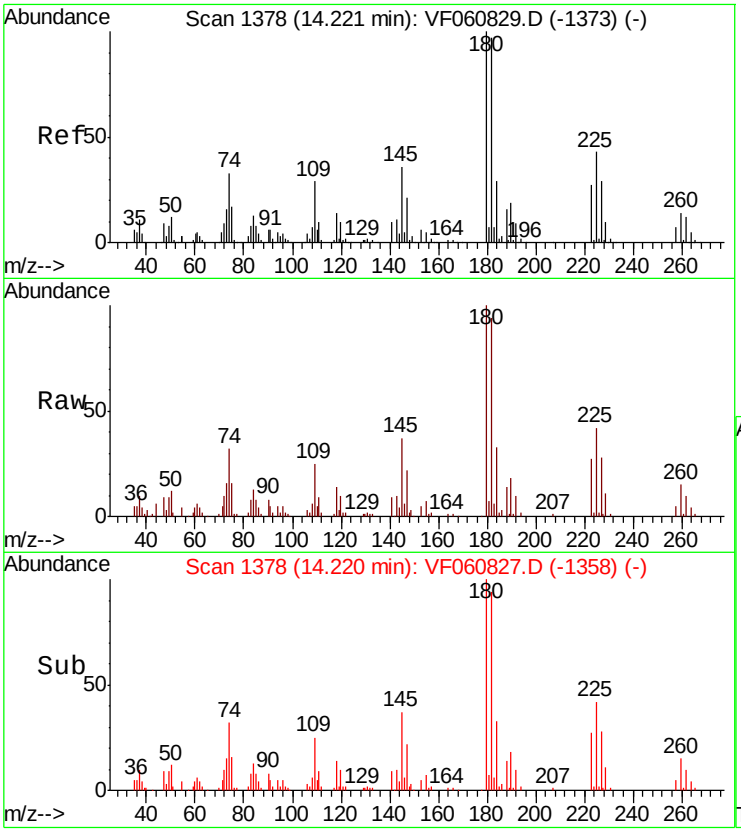


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.721 ug/l
RT: 13.67 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion: 75 Resp: 4347

Ion	Ratio	Lower	Upper
75	100		
155	90.2	45.6	136.9
157	113.0	63.8	191.5

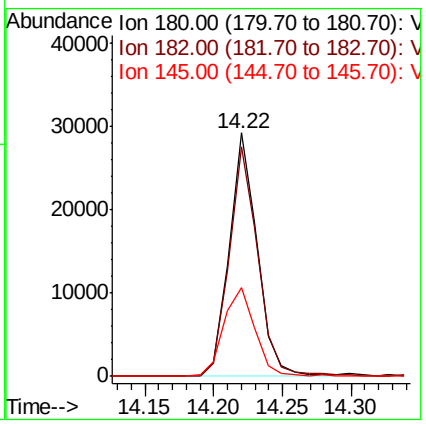




#93
1,2,4-Trichlorobenzene
Concen: 10.273 ug/l
RT: 14.22 min Scan# 1378
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

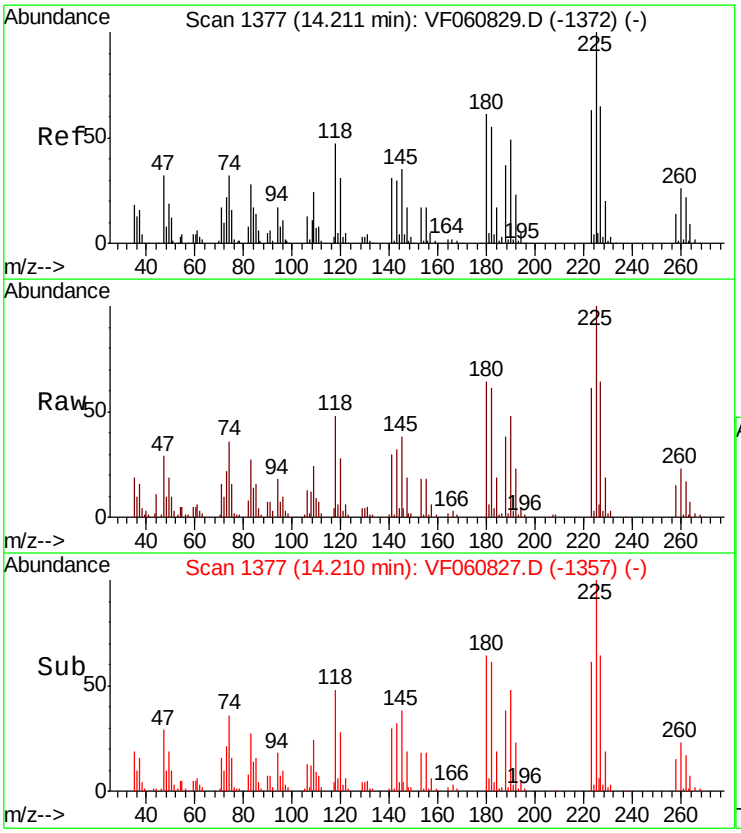
Tgt Ion:180 Resp: 41424

Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.5	145.5
145	36.6	18.1	54.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

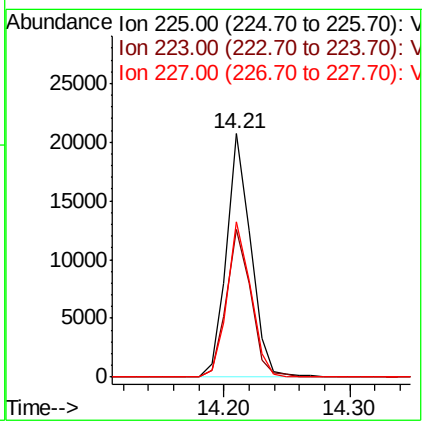
Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM

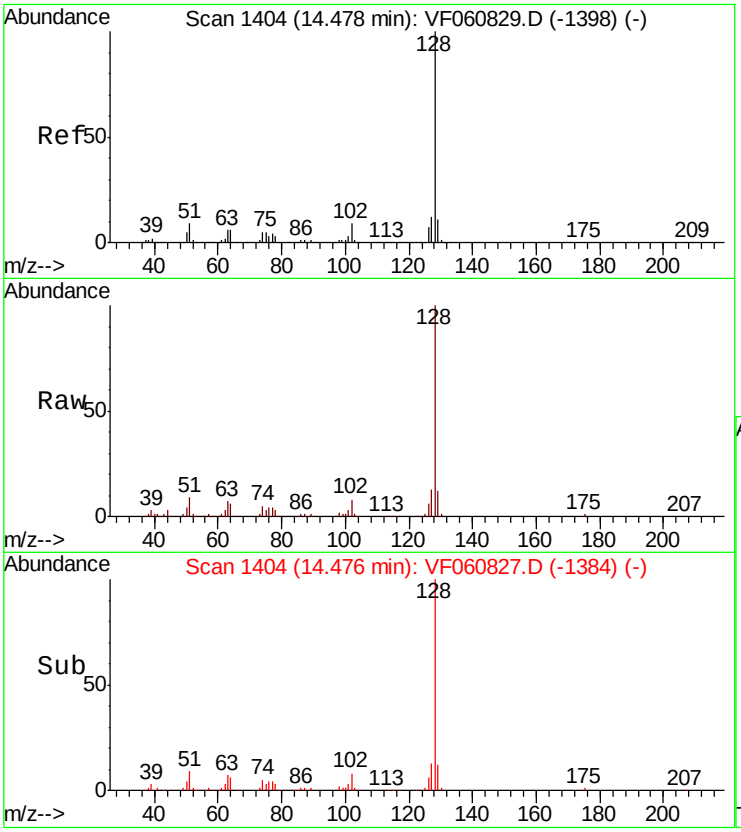


#94
Hexachlorobutadiene
Concen: 10.517 ug/l
RT: 14.21 min Scan# 1377
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:225 Resp: 27513

Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.4	94.3
227	63.9	32.5	97.5

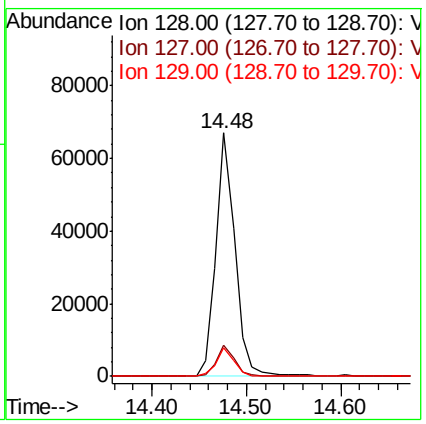




#95
Naphthalene
Concen: 12.817 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

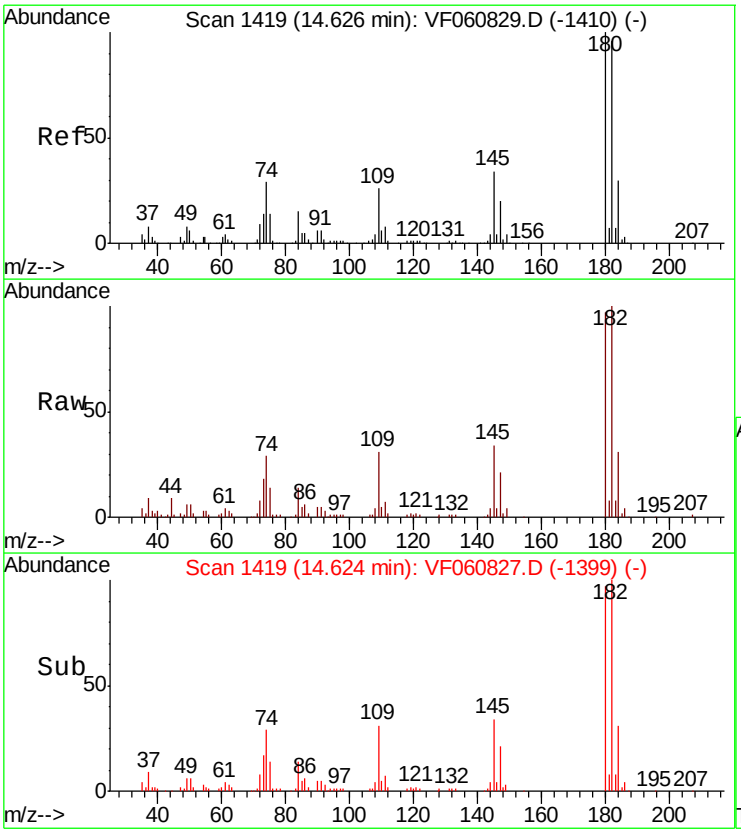
Tgt Ion:128 Resp: 94535

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	11.9	9.1	13.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
11/27/2018 3:16:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.989 ug/l
RT: 14.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF060827.D
Acq: 26 Nov 2018 17:33

Tgt Ion:180 Resp: 36901

Ion	Ratio	Lower	Upper
180	100		
182	103.0	47.9	143.8
145	35.3	17.2	51.5