Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052012.D
Acq On : 25 Oct 2018 15:21
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

Quant Time: Oct 26 02:17:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	179708	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	1025671	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	914948	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	310299	28.38	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 94.60%				
60) 4-Bromofluorobenzene	12.40	95	380338	28.83	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 96.10%				
63) Toluene-d8	10.09	98	1166970	29.37	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	149861	21.465	ug/l		97
3) Chloromethane	2.06	50	134348	18.207	ug/l		97
4) Vinyl Chloride	2.19	62	167288	15.182	ug/l		99
5) Bromomethane	2.57	94	161674	16.606	ug/l		87
6) Chloroethane	2.71	64	126280	15.902	ug/l		98
7) Trichlorofluoromethane	3.02	101	322387	20.521	ug/l		93
8) Diethyl Ether	3.41	74	95301	20.838	ug/l		67
9) 1,1,2-Trichlorotrifluoroet	3.76	101	198436	22.180	ug/l	#	39
10) 1,1-Dichloroethene	3.74	96	177910	21.502	ug/l	#	77
11) Methyl Iodide	3.96	142	289237	24.047	ug/l		96
12) Methyl Acetate	4.33	43	103021	20.051	ug/l		93
13) Acrolein	3.61	56	17183	50.760	ug/l		86
14) Acrylonitrile	4.99	53	225746	98.309	ug/l	#	62
15) Acetone	3.82	58	56756	99.985	ug/l		91
16) Carbon Disulfide	4.06	76	371921	17.116	ug/l		99
17) Allyl chloride	4.33	41	162552	16.548	ug/l		75
18) Methylene Chloride	4.56	84	194715	21.048	ug/l		86
19) trans-1,2-Dichloroethene	5.05	96	201274	21.304	ug/l	#	77
20) Diisopropyl ether	5.95	45	422795	19.326	ug/l	#	84
21) 1,1-Dichloroethane	5.86	63	311016	20.346	ug/l	#	98
22) cis-1,2-Dichloroethene	6.83	96	236481	21.311	ug/l	#	77
23) tert-Butyl Alcohol	4.78	59	34592m	57.198	ug/l		
24) Methyl tert-Butyl Ether	5.05	73	455141	19.093	ug/l	#	67
25) Chloroform	7.37	83	378098	20.849	ug/l		95
26) Cyclohexane	7.66	56	241668	18.648	ug/l	#	67
29) 1,1-Dichloropropene	7.80	75	258610	19.561	ug/l		91
30) 2-Butanone	6.84	43	250062	90.493	ug/l	#	83
31) 2,2-Dichloropropane	6.83	77	276426	17.773	ug/l	#	75
32) 1,1,1-Trichloroethane	7.57	97	347799	19.842	ug/l	#	93
33) Carbon Tetrachloride	7.78	117	305809	19.284	ug/l		93
34) Benzene	8.04	78	799509	20.444	ug/l	#	66
35) Methacrylonitrile	7.17	41	49182	13.547	ug/l		77
36) 1,2-Dichloroethane	8.13	62	253414	20.223	ug/l	#	94
37) Trichloroethene	8.84	130	252461	20.796	ug/l		93
38) Methylcyclohexane	9.08	83	316158	18.644	ug/l		77
39) 1,2-Dichloropropane	9.12	63	183021	19.872	ug/l		95
40) Dibromomethane	9.21	93	141718	20.733	ug/l		93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052012.D
Acq On : 25 Oct 2018 15:21
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

Quant Time: Oct 26 02:17:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	9.40	83	266918	18.905 ug/l		96
42) Vinyl Acetate	5.90	43	1385946	89.095 ug/l	#	88
43) Ethyl Acetate	6.93	43	109479	18.246 ug/l		97
44) Isopropyl Acetate	8.17	43	216778	18.088 ug/l		99
45) 1,4-Dioxane	9.20	88	24428	253.843 ug/l	#	74
46) Methyl methacrylate	9.20	41	102371	18.519 ug/l		70
47) n-amyl Acetate	12.07	43	190666	19.004 ug/l	#	71
48) t-1,3-Dichloropropene	10.38	75	243092	17.656 ug/l		97
49) cis-1,3-Dichloropropene	9.84	75	283622	18.687 ug/l		95
50) 1,1,2-Trichloroethane	10.56	97	195860	20.738 ug/l		95
51) Ethyl methacrylate	10.43	69	202038	18.686 ug/l		83
52) 1,3-Dichloropropane	10.71	76	293552	20.139 ug/l		98
53) Dibromochloromethane	10.90	129	220955	18.912 ug/l		95
54) 1,2-Dibromoethane	11.00	107	202503	20.428 ug/l		97
55) 2-Chloroethyl vinyl ether	9.69	63	526537	113.913 ug/l	#	92
56) Bromoform	12.13	173	130696	16.962 ug/l		94
58) 4-Methyl-2-Pentanone	9.98	43	560914	91.611 ug/l	#	85
59) 2-Hexanone	10.75	43	377189	91.314 ug/l	#	89
61) Tetrachloroethene	10.63	164	245044	20.942 ug/l		95
62) Toluene	10.16	91	950830	20.919 ug/l		99
64) Chlorobenzene	11.43	112	649634	21.823 ug/l		95
65) 1,1,1,2-Tetrachloroethane	11.51	131	236870	20.731 ug/l		99
66) Ethyl Benzene	11.51	91	1021537	20.335 ug/l		97
67) m/p-Xylenes	11.62	106	833877	40.944 ug/l		95
68) o-Xylene	11.95	106	406107	20.227 ug/l		87
69) Styrene	11.96	104	643424	20.887 ug/l		95
70) Isopropylbenzene	12.25	105	1086702	20.297 ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.50	83	197374	18.667 ug/l		96
72) 1,2,3-Trichloropropane	12.55	75	169221m	20.344 ug/l		
73) Bromobenzene	12.53	156	297219	22.412 ug/l		75
74) n-propylbenzene	12.59	91	1144792	19.878 ug/l		92
75) 2-Chlorotoluene	12.67	91	675268	20.000 ug/l		89
76) 1,3,5-Trimethylbenzene	12.73	105	872542	19.707 ug/l		98
77) t-1,4-Dichloro-2-butene	12.30	75	41091	14.937 ug/l		97
78) 4-Chlorotoluene	12.77	91	674501	20.333 ug/l		87
79) tert-butylbenzene	12.99	119	801379	19.682 ug/l		93
80) 1,2,4-Trimethylbenzene	13.04	105	881655	19.925 ug/l		96
81) sec-Butylbenzene	13.17	105	1049841	19.710 ug/l		96
82) p-Isopropyltoluene	13.29	119	937600	19.672 ug/l		95
83) 1,3-Dichlorobenzene	13.28	146	511820	21.872 ug/l		98
84) 1,4-Dichlorobenzene	13.36	146	487827	22.144 ug/l		99
85) n-Butylbenzene	13.61	91	685126	19.062 ug/l		93
86) Hexachloroethane	13.87	117	131292	15.976 ug/l		96
87) 1,2-Dichlorobenzene	13.65	146	475453	20.987 ug/l		95
88) 1,2-Dibromo-3-Chloropropan	14.27	75	20651	13.078 ug/l	#	63
89) 1,2,4-Trichlorobenzene	14.91	180	171158	19.174 ug/l		98
90) Hexachlorobutadiene	15.01	225	116481	15.954 ug/l		96
91) Naphthalene	15.13	128	301865	18.275 ug/l		99
92) 1,2,3-Trichlorobenzene	15.31	180	135784	13.174 ug/l		94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052012.D
Acq On : 25 Oct 2018 15:21
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Quant Time: Oct 26 02:17:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

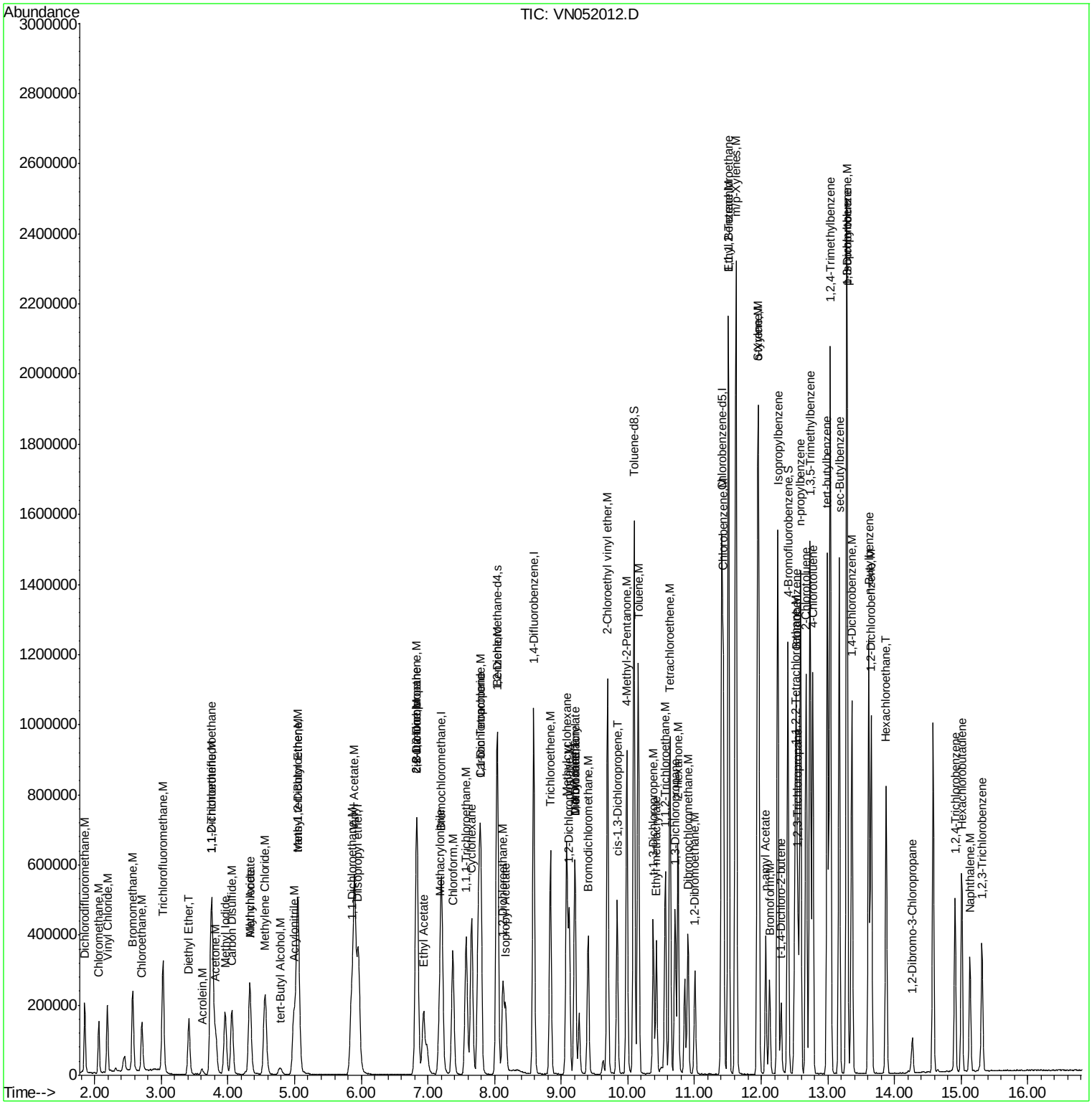
(#) = qualifier out of range (m) = manual integration (+) = signals summed

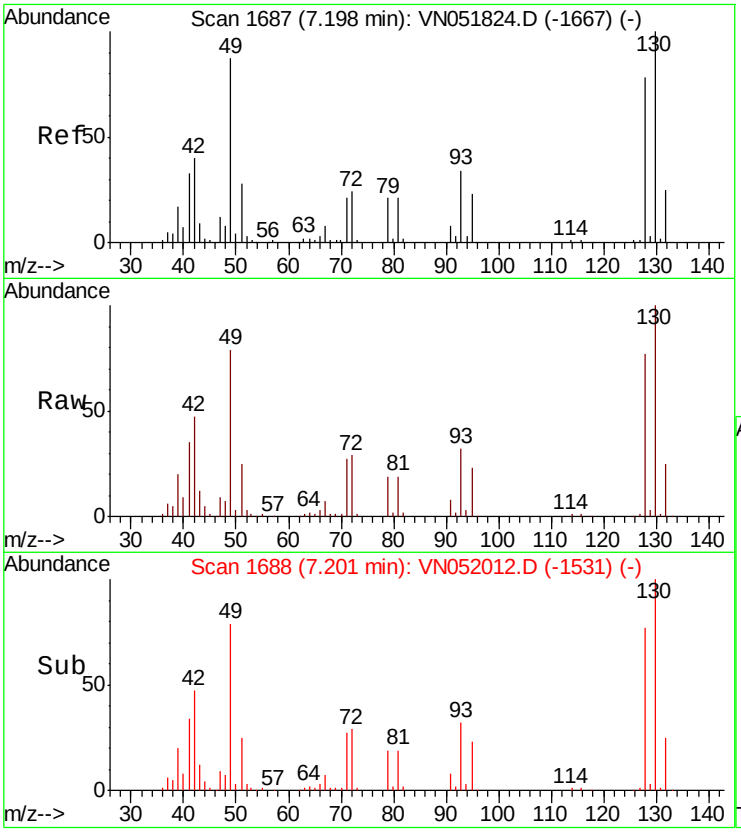
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102518\
Data File : VN052012.D
Acq On : 25 Oct 2018 15:21
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Quant Time: Oct 26 02:17:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

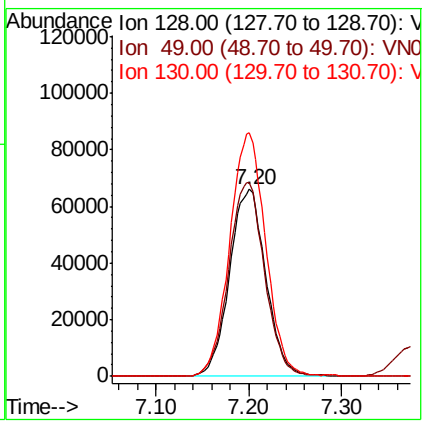




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

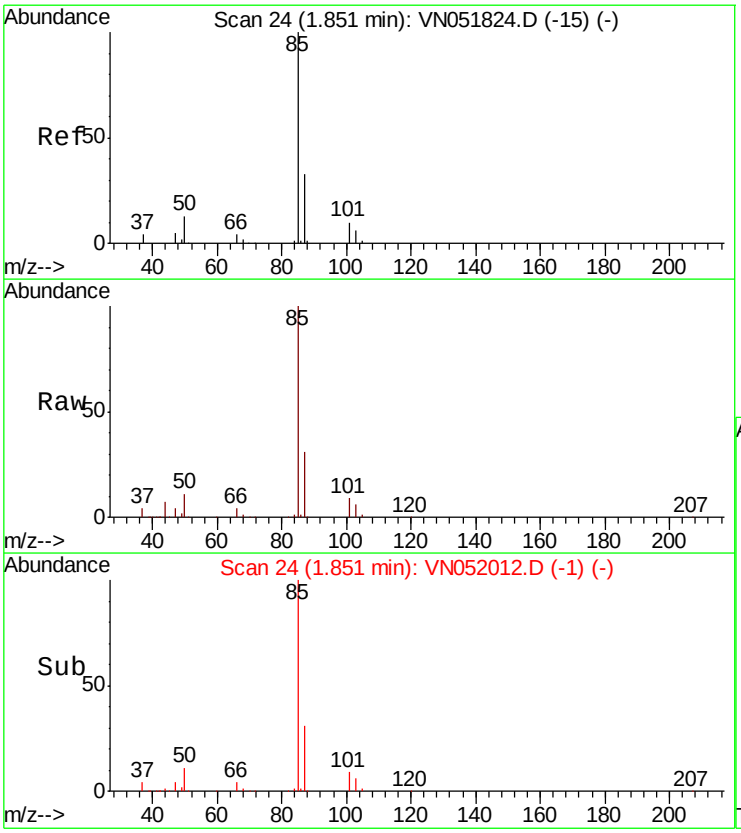
Tgt Ion:128 Resp: 179708

Ion	Ratio	Lower	Upper
128	100		
49	102.9	0.0	403.3
130	128.9	0.0	326.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

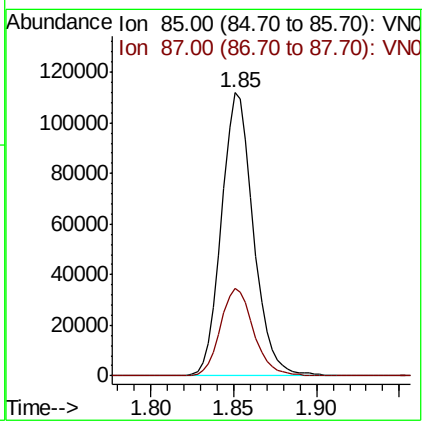
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

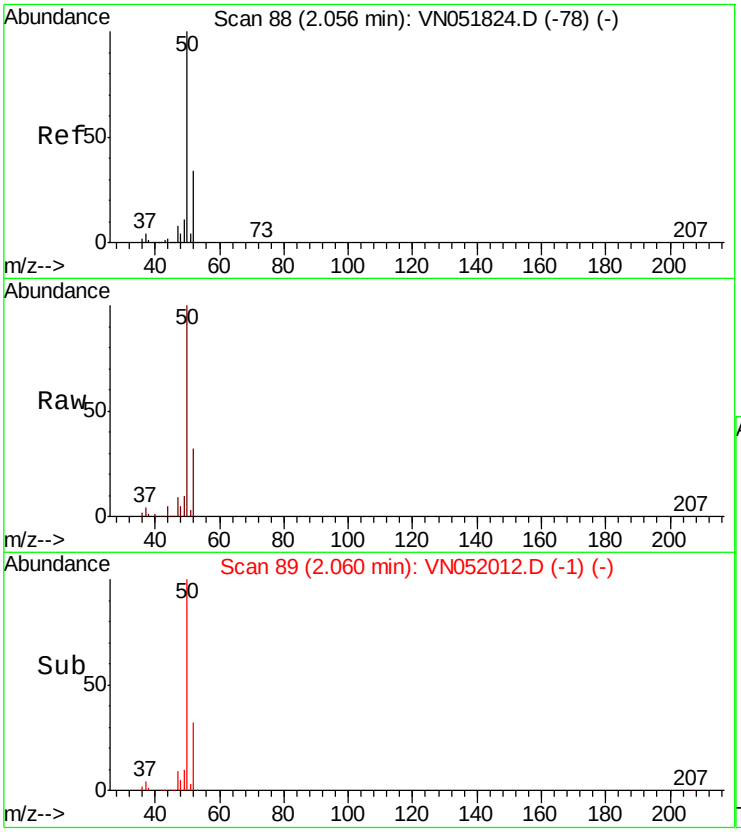


#2
Dichlorodifluoromethane
Concen: 21.465 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 85 Resp: 149861

Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.3	48.8

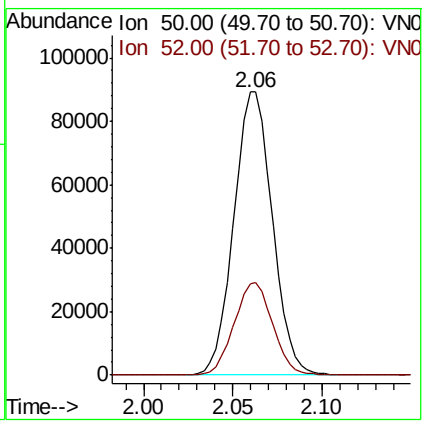




#3
Chloromethane
Concen: 18.207 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

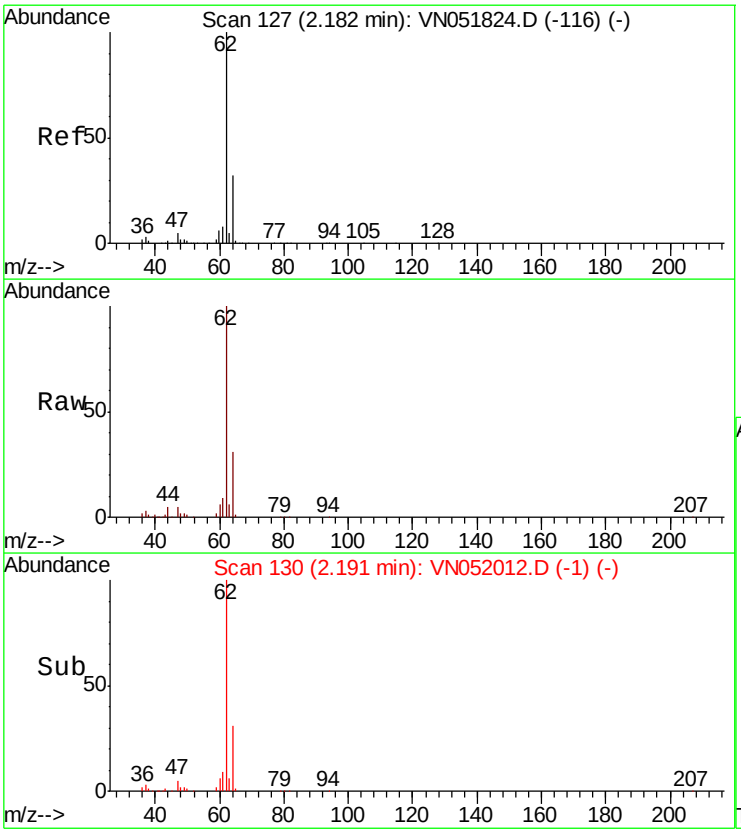
Tgt Ion: 50 Resp: 134348

Ion	Ratio	Lower	Upper
50	100		
52	32.5	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

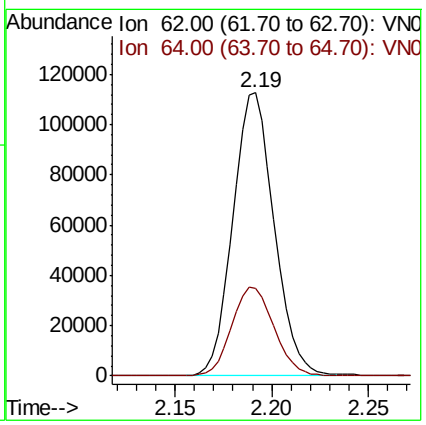
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

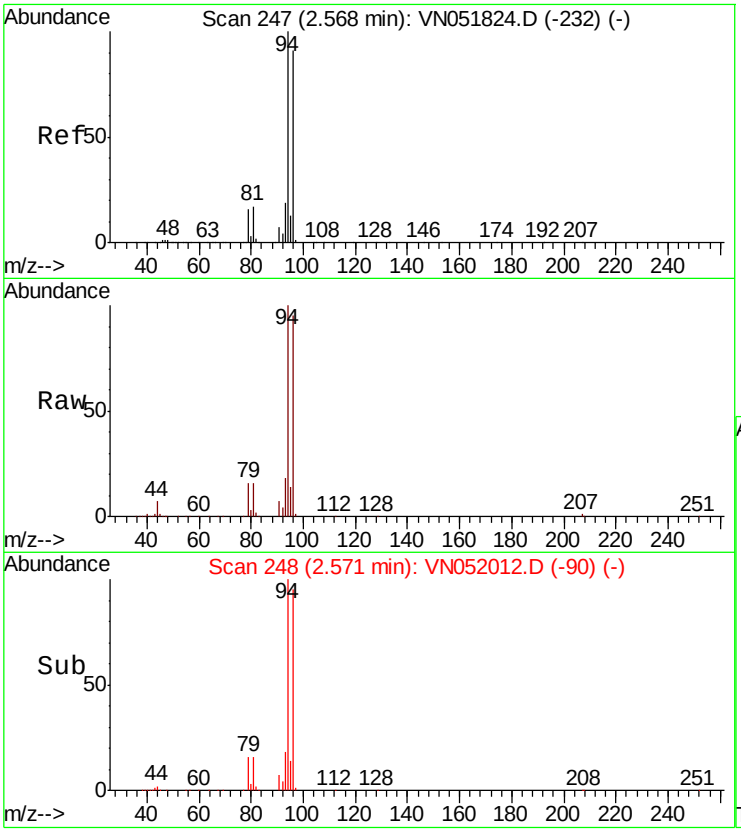


#4
Vinyl Chloride
Concen: 15.182 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 62 Resp: 167288

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.4	38.2

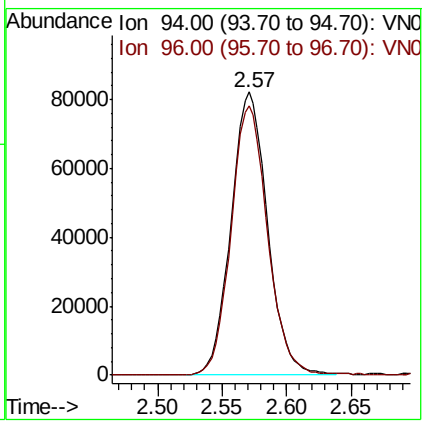




#5
Bromomethane
Concen: 16.606 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

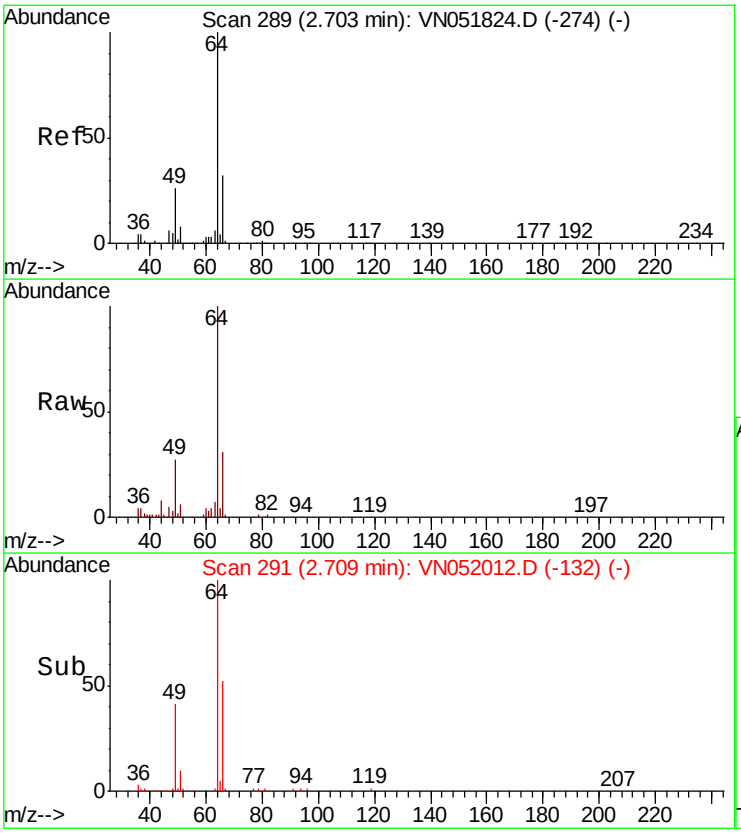
Tgt Ion: 94 Resp: 161674

Ion	Ratio	Lower	Upper
94	100		
96	94.8	66.4	99.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

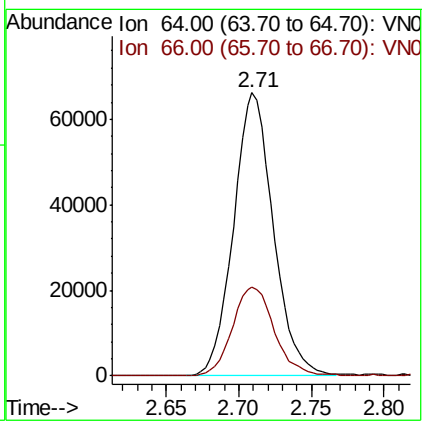
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

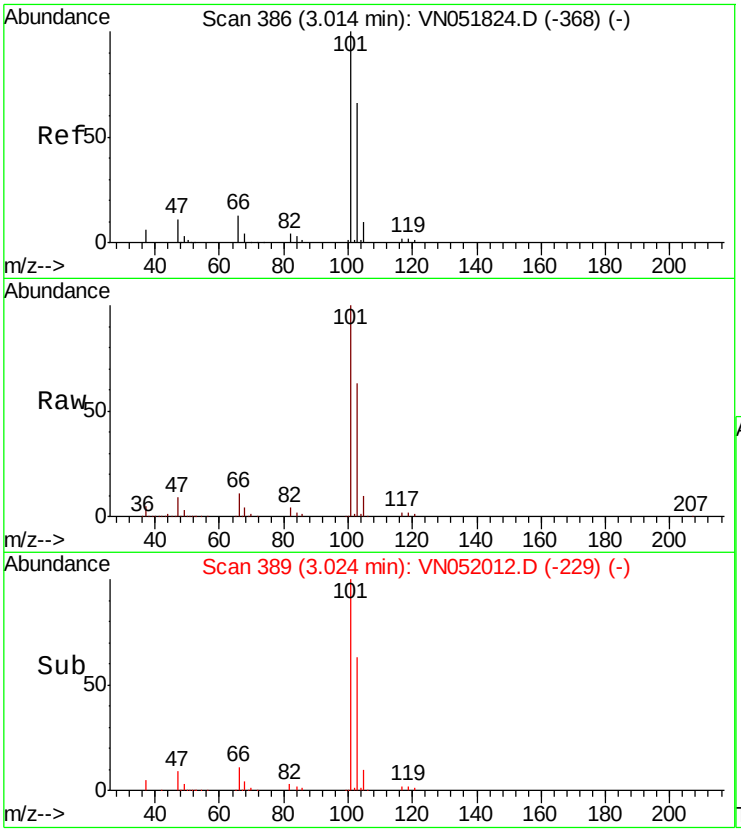


#6
Chloroethane
Concen: 15.902 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 64 Resp: 126280

Ion	Ratio	Lower	Upper
64	100		
66	31.2	25.8	38.6

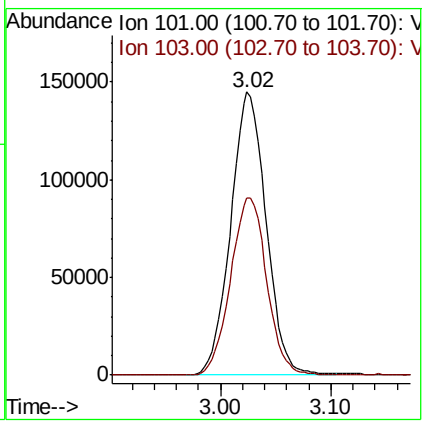




#7
Trichlorofluoromethane
Concen: 20.521 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

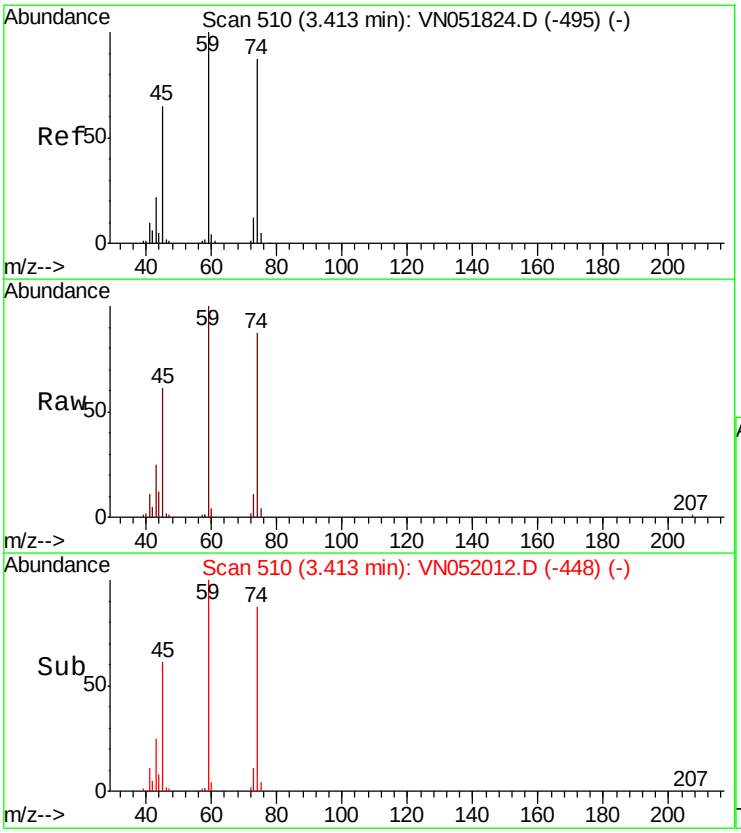
Tgt Ion:101 Resp: 322387

Ion	Ratio	Lower	Upper
101	100		
103	62.6	54.8	82.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

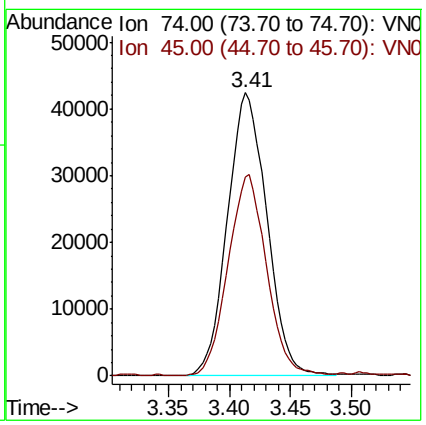
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

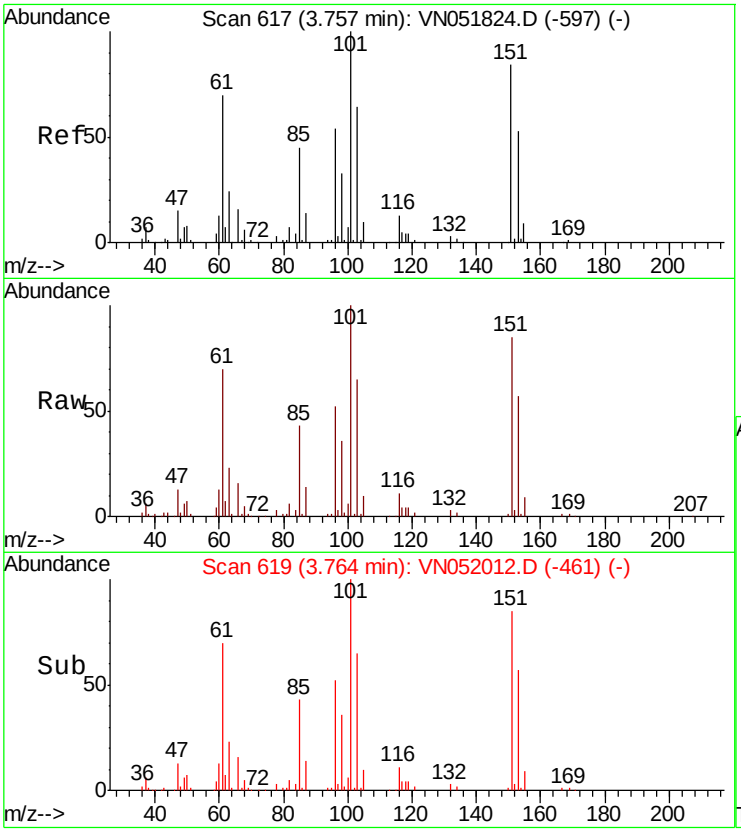


#8
Diethyl Ether
Concen: 20.838 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 74 Resp: 95301

Ion	Ratio	Lower	Upper
74	100		
45	69.5	20.7	186.5





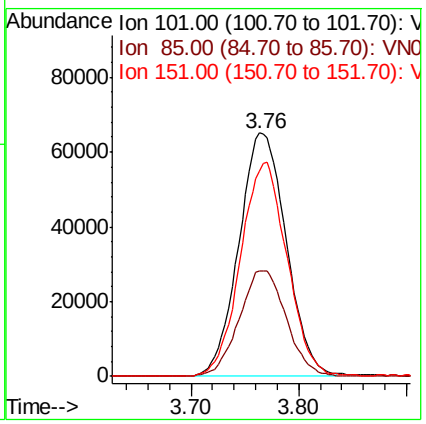
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.180 ug/l
RT: 3.76 min Scan# 619
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

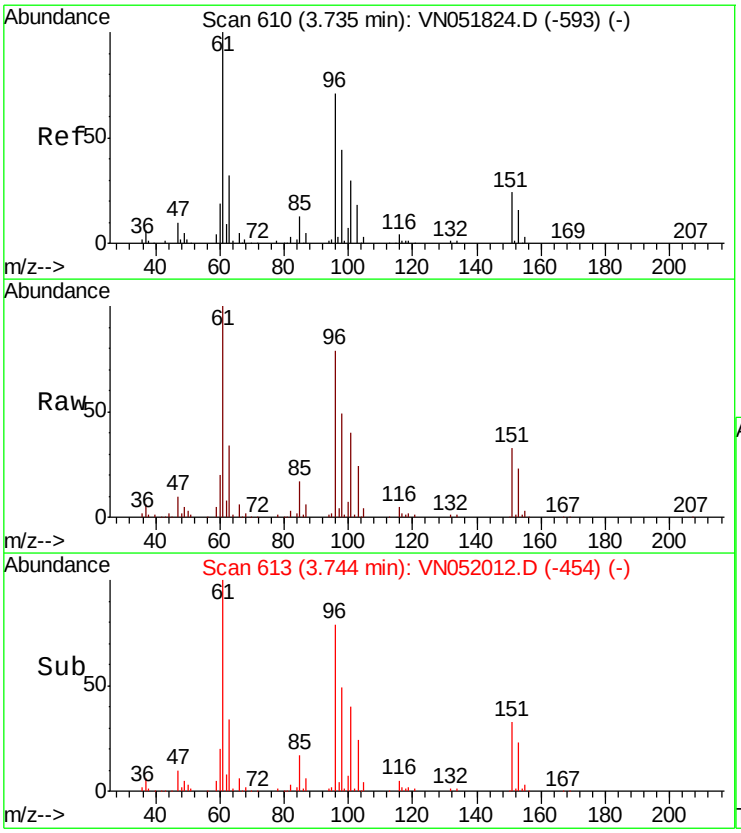
Tgt Ion:101 Resp: 198436

Ion	Ratio	Lower	Upper
101	100		
85	43.1	0.0	46.0
151	86.6	0.0	82.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

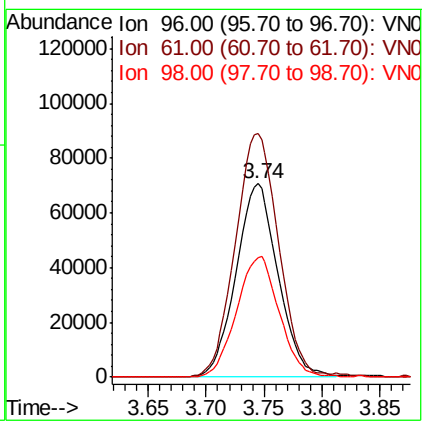


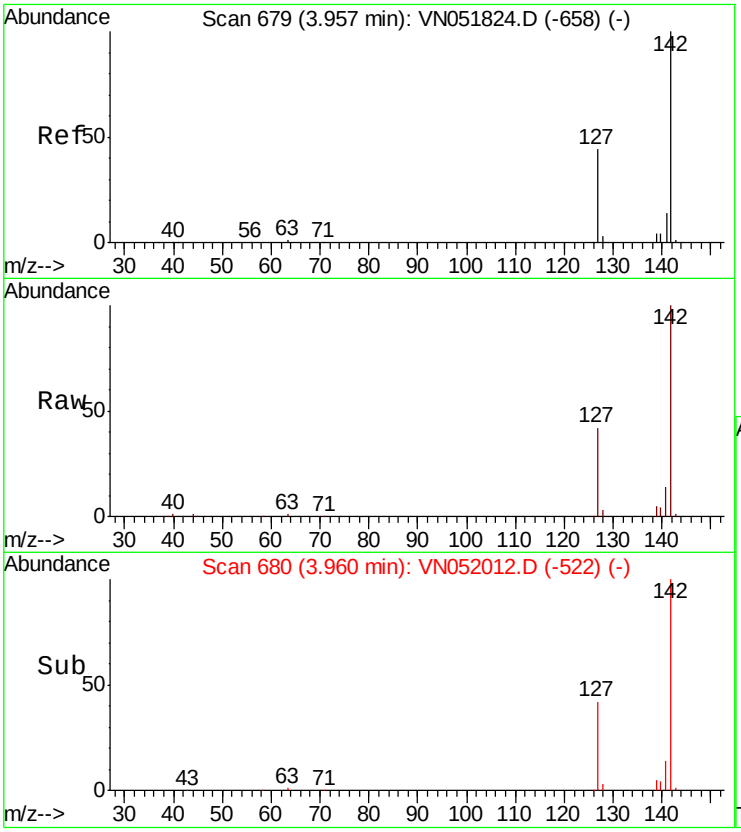


#10
1,1-Dichloroethene
Concen: 21.502 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 96 Resp: 177910

Ion	Ratio	Lower	Upper
96	100		
61	125.8	133.0	199.6#
98	61.8	52.6	78.8

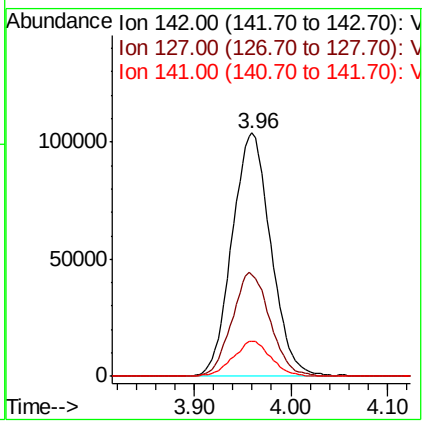




#11
Methyl Iodide
Concen: 24.047 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

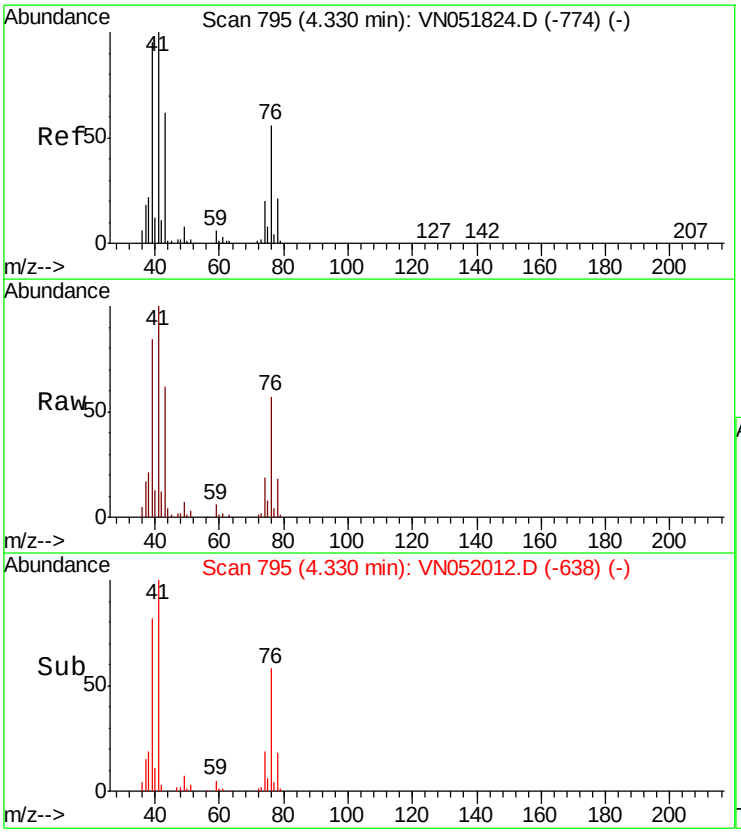
Tgt Ion:142 Resp: 289237

Ion	Ratio	Lower	Upper
142	100		
127	41.8	19.7	59.0
141	14.4	6.3	18.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

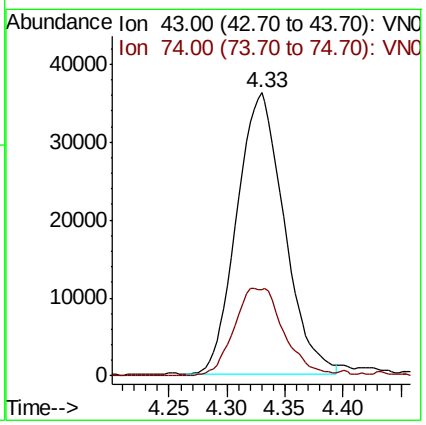
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

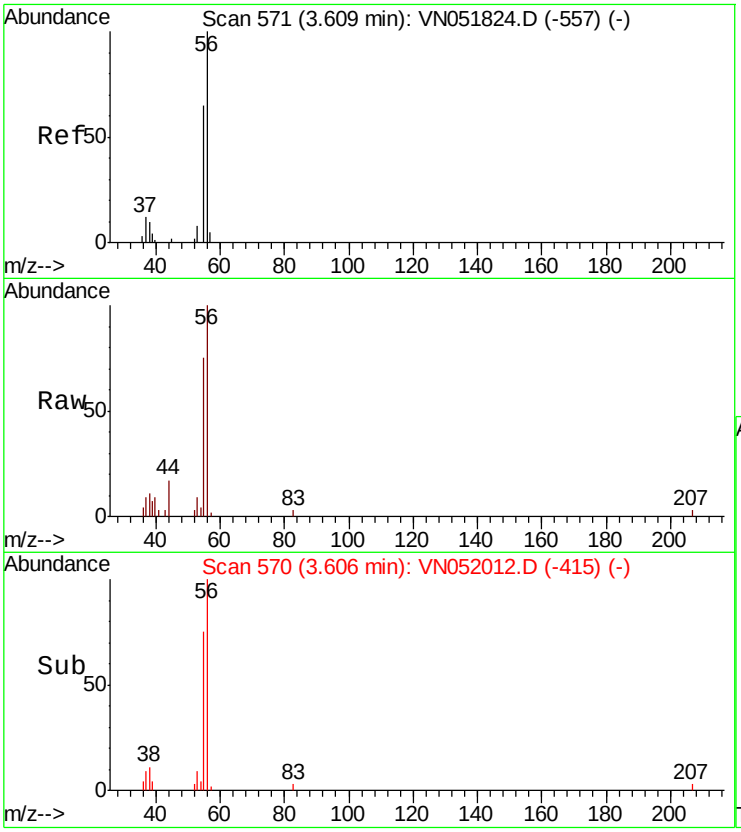


#12
Methyl Acetate
Concen: 20.051 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 43 Resp: 103021

Ion	Ratio	Lower	Upper
43	100		
74	30.8	21.8	32.6

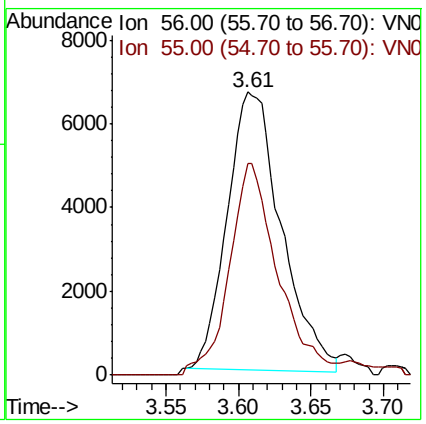




#13
Acrolein
Concen: 50.760 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

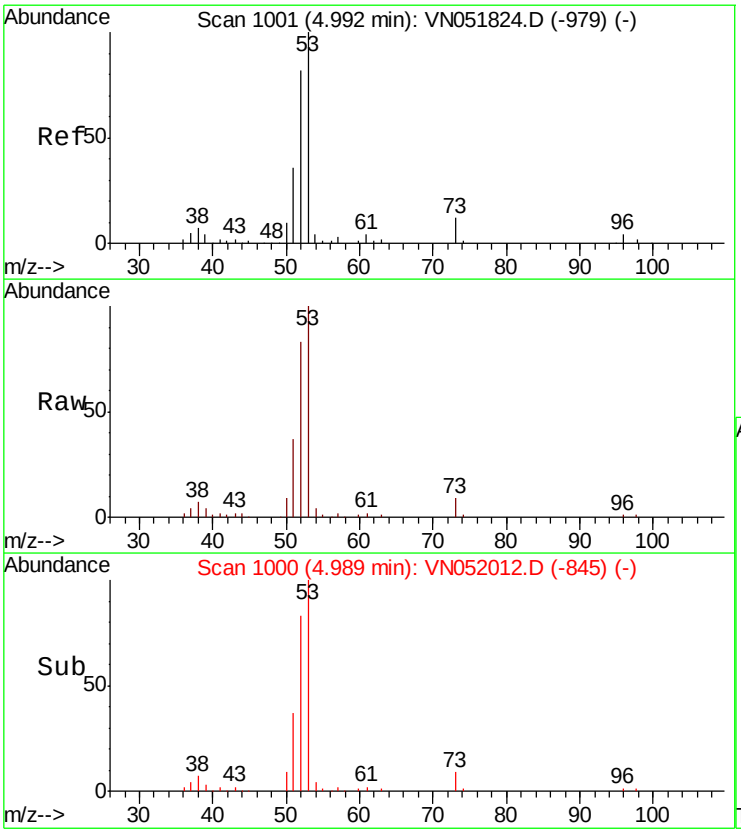
Tgt Ion: 56 Resp: 17183

Ion	Ratio	Lower	Upper
56	100		
55	68.0	64.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

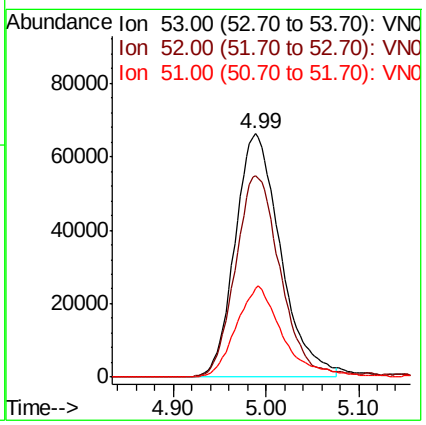
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

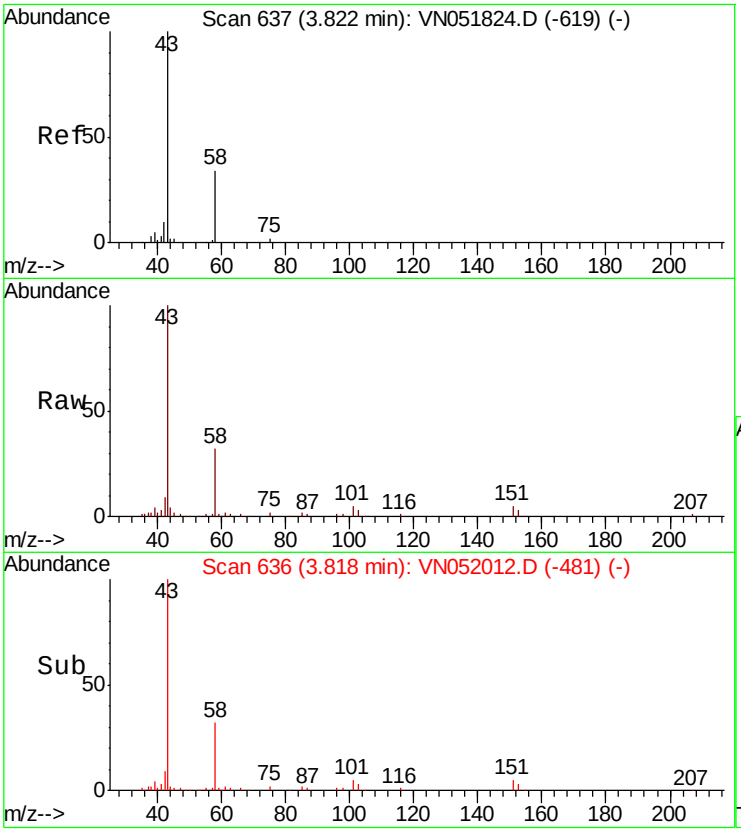


#14
Acrylonitrile
Concen: 98.309 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 53 Resp: 225746

Ion	Ratio	Lower	Upper
53	100		
52	82.2	18.3	54.8#
51	38.1	19.7	59.1





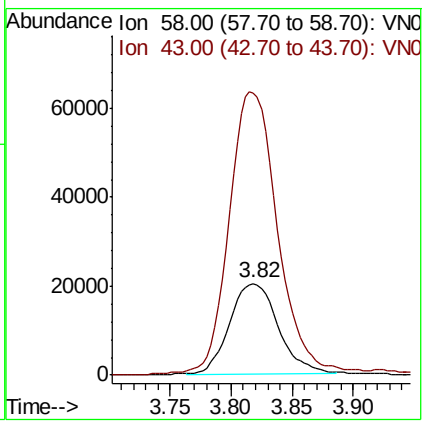
#15
Acetone
Concen: 99.985 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

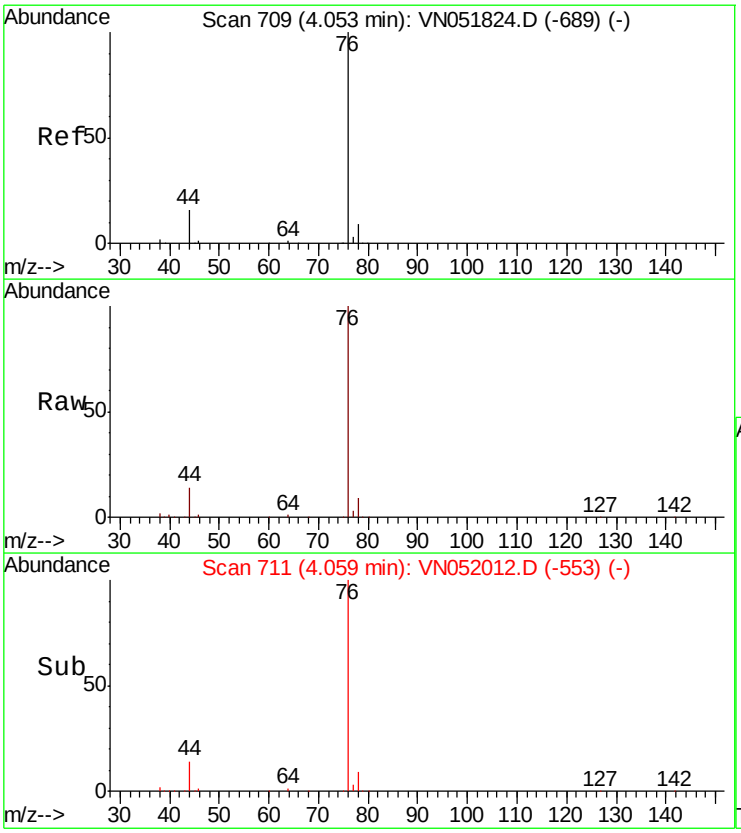
Tgt Ion: 58 Resp: 56756

Ion	Ratio	Lower	Upper
58	100		
43	307.9	232.2	348.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

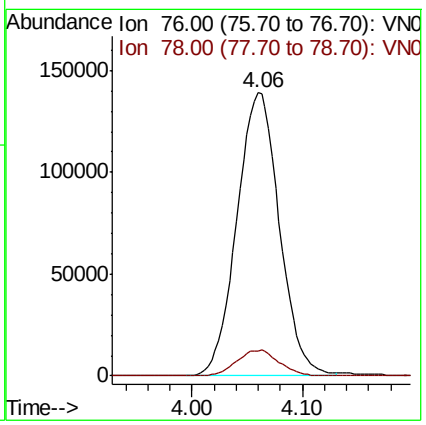


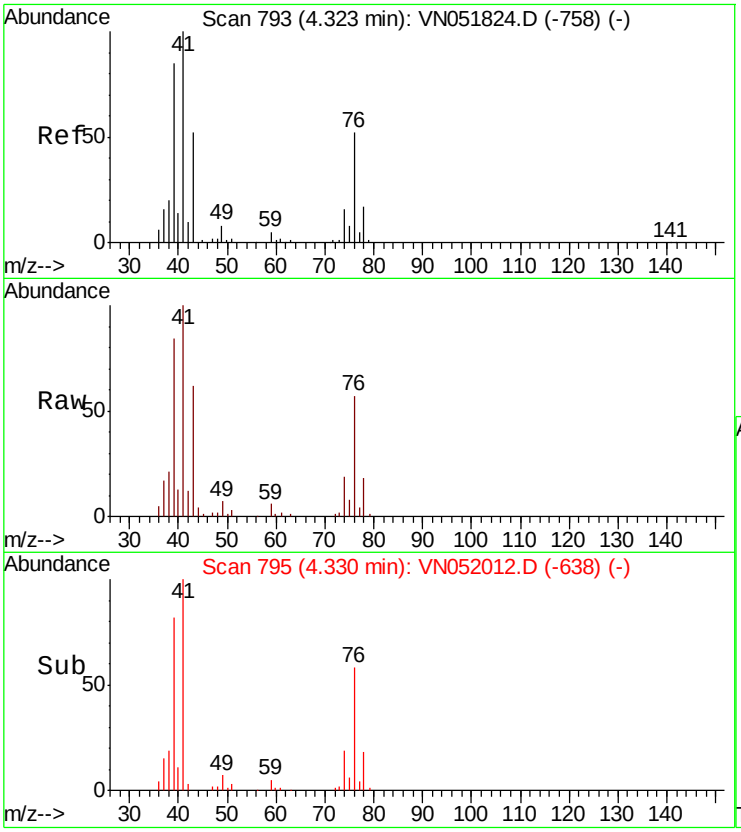


#16
Carbon Disulfide
Concen: 17.116 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 76 Resp: 371921

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.7	10.1

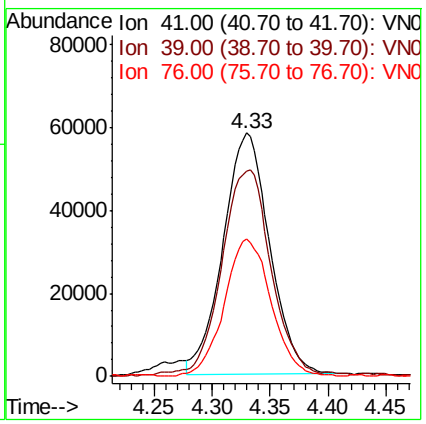




#17
Allyl chloride
Concen: 16.548 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

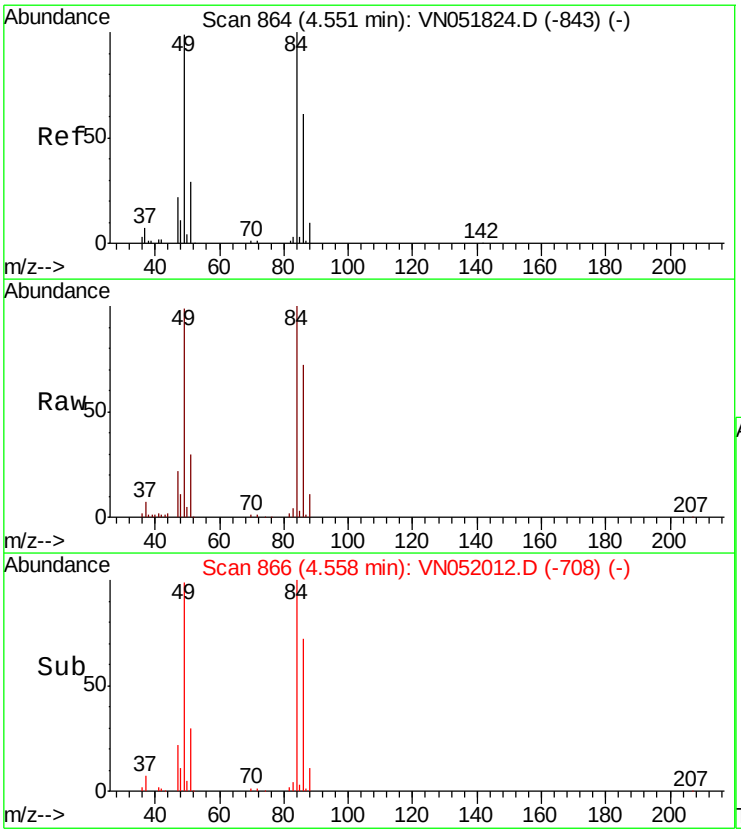
Tgt Ion: 41 Resp: 162552

Ion	Ratio	Lower	Upper
41	100		
39	84.2	32.6	97.8
76	57.1	20.2	60.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

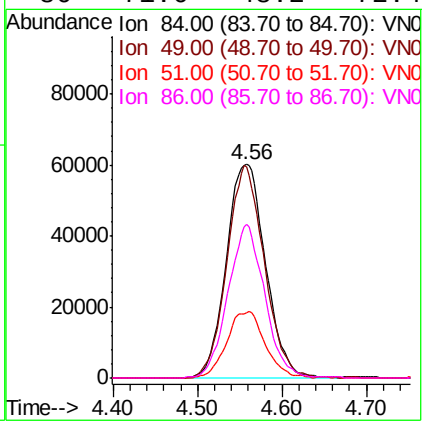
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

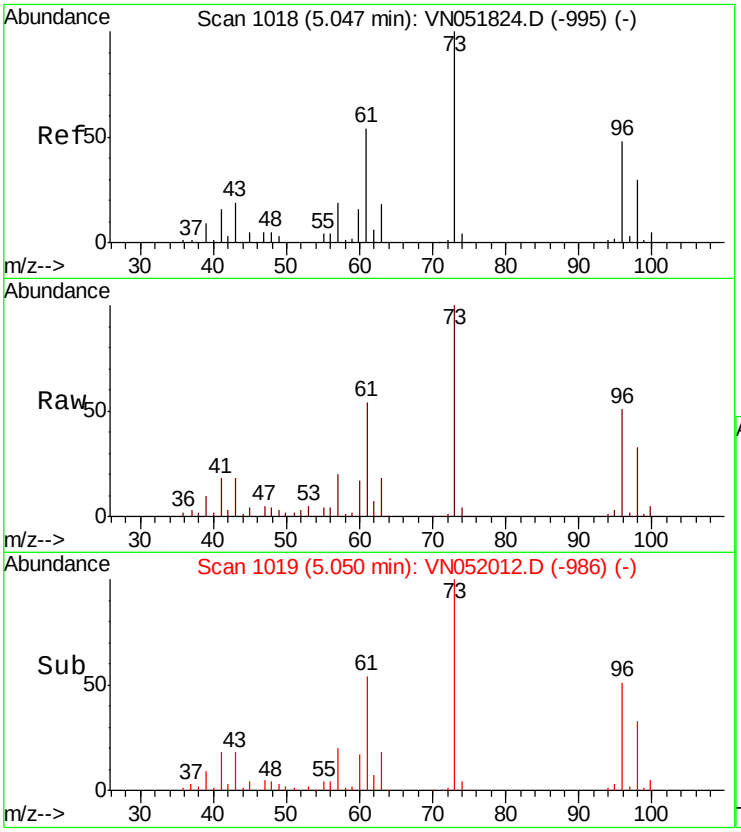


#18
Methylene Chloride
Concen: 21.048 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 84 Resp: 194715

Ion	Ratio	Lower	Upper
84	100		
49	98.7	91.6	137.4
51	30.4	29.8	44.6
86	71.6	48.2	72.4

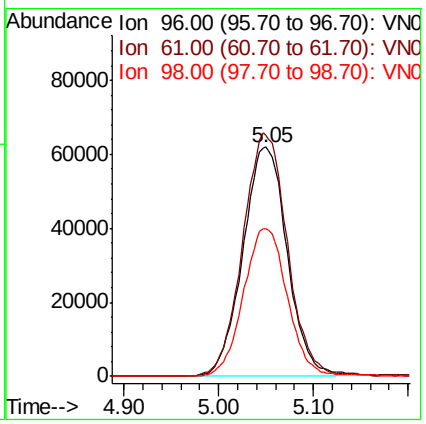




#19
trans-1,2-Dichloroethene
Concen: 21.304 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

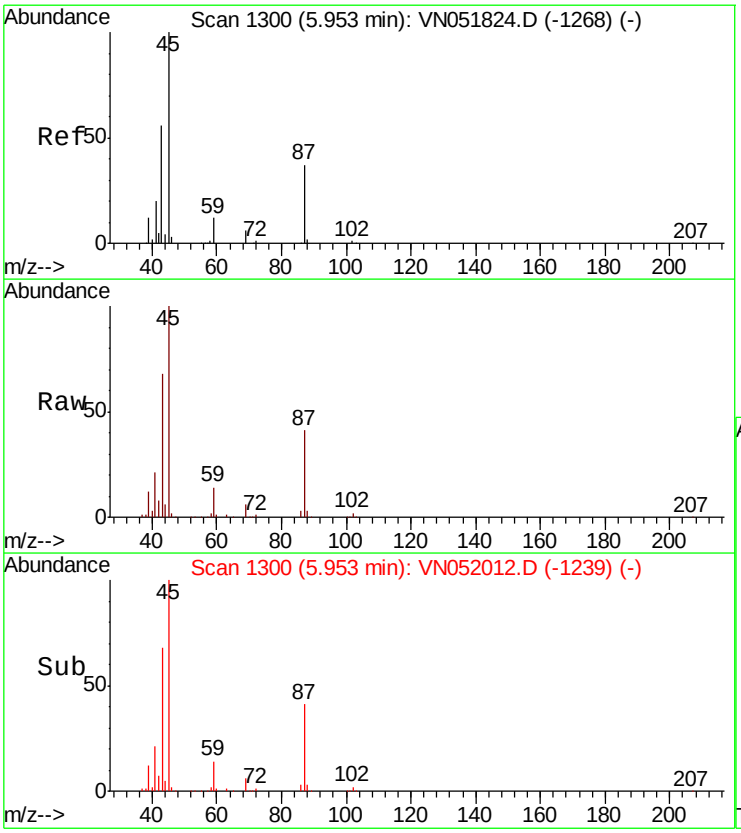
Tgt Ion: 96 Resp: 201274

Ion	Ratio	Lower	Upper
96	100		
61	105.1	112.3	168.5#
98	64.4	47.1	70.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

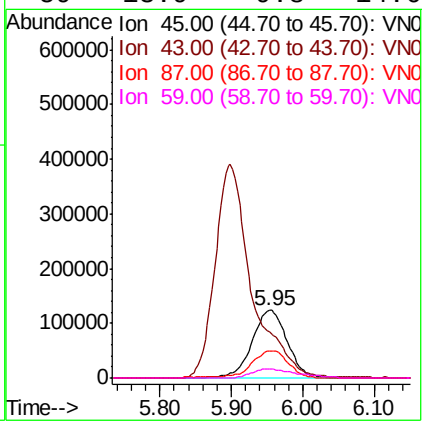
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

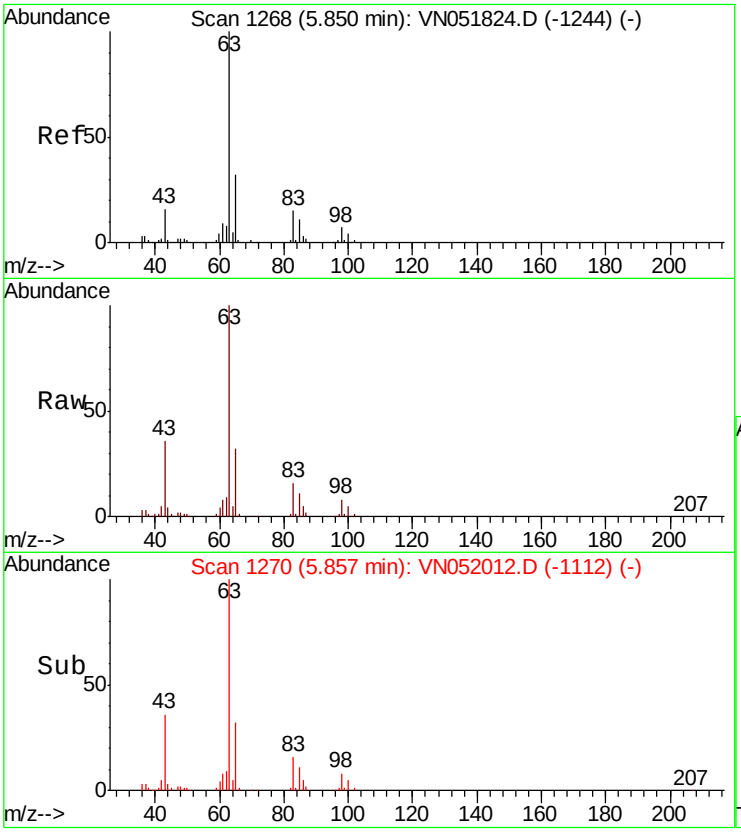


#20
Diisopropyl ether
Concen: 19.326 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 45 Resp: 422795

Ion	Ratio	Lower	Upper
45	100		
43	66.1	62.1	93.1
87	40.5	19.9	29.9#
59	13.9	9.8	14.6

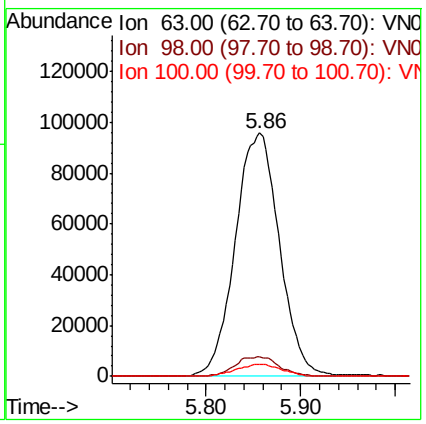




#21
1,1-Dichloroethane
Concen: 20.346 ug/l
RT: 5.86 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

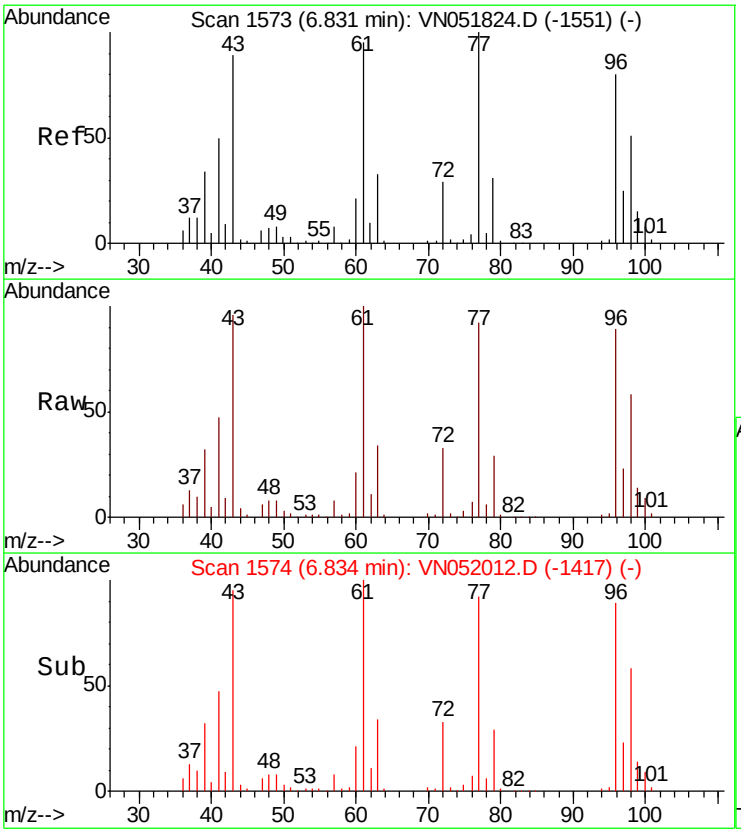
Tgt Ion: 63 Resp: 311016

Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.1	12.3
100	4.9	1.6	4.7#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

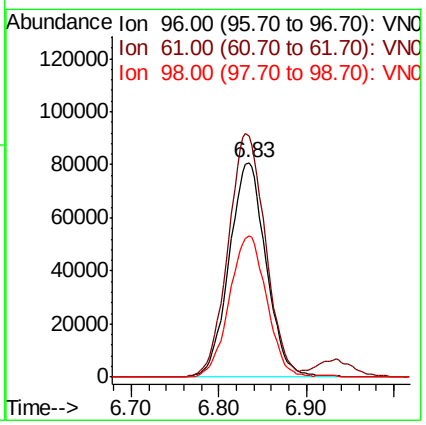
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

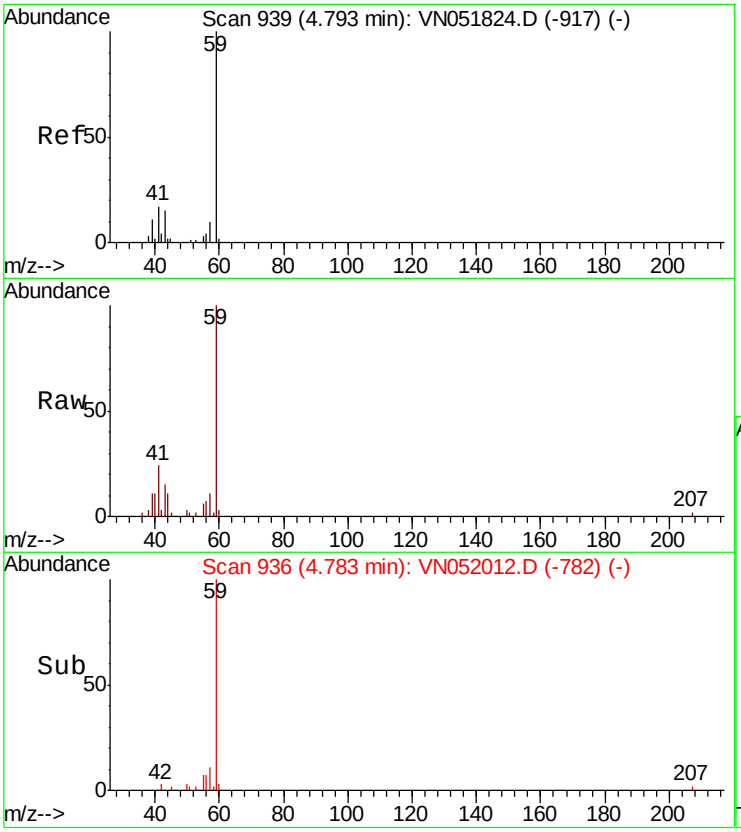


#22
cis-1,2-Dichloroethene
Concen: 21.311 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 96 Resp: 236481

Ion	Ratio	Lower	Upper
96	100		
61	114.5	124.5	186.7#
98	66.2	51.9	77.9

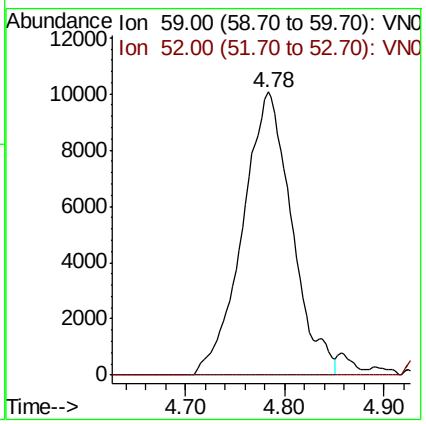




#23
tert-Butyl Alcohol
Concen: 57.198 ug/l m
RT: 4.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

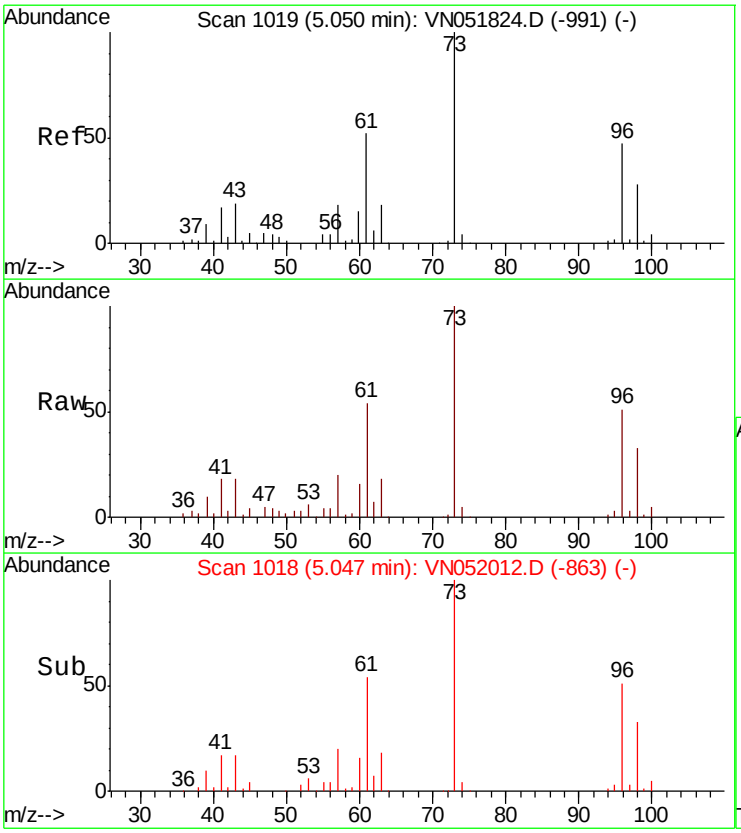
Tgt Ion: 59 Resp: 34592

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

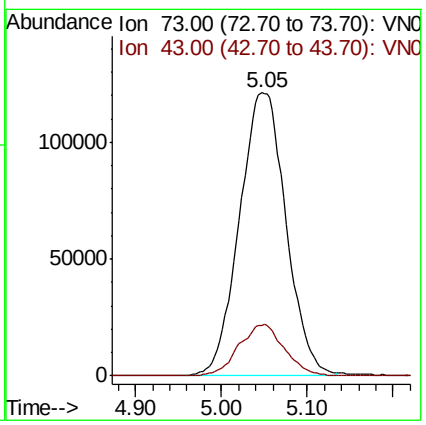
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

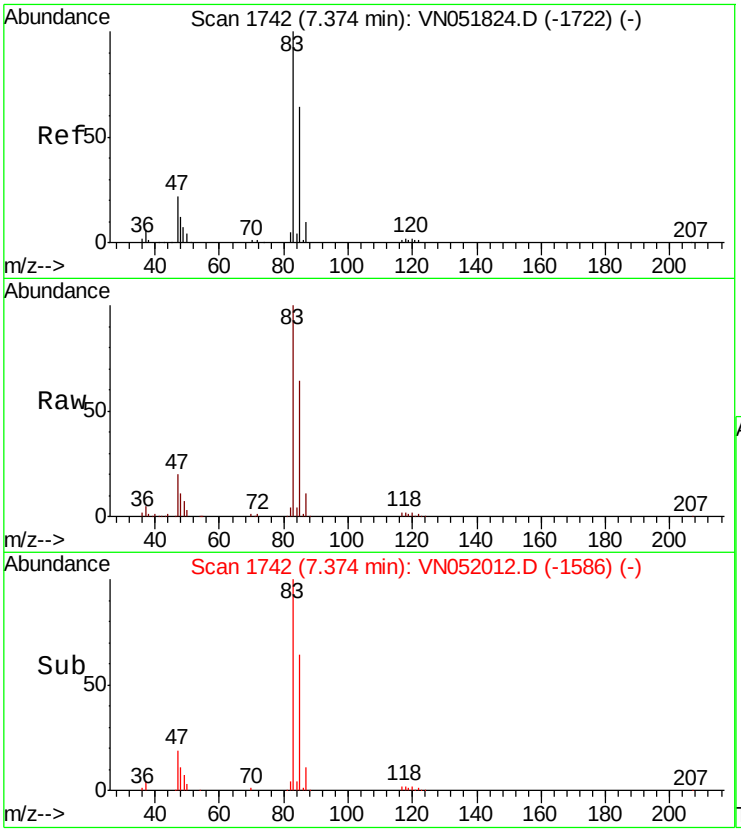


#24
Methyl tert-Butyl Ether
Concen: 19.093 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 73 Resp: 455141

Ion	Ratio	Lower	Upper
73	100		
43	17.8	5.4	8.0#

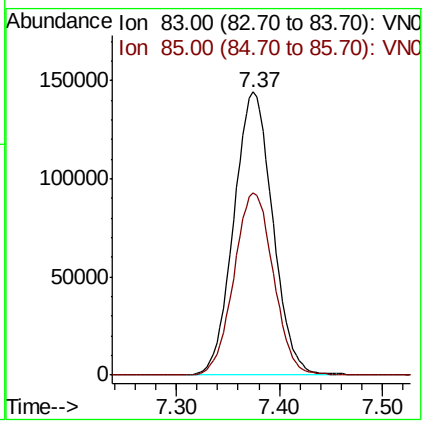




#25
Chloroform
Concen: 20.849 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

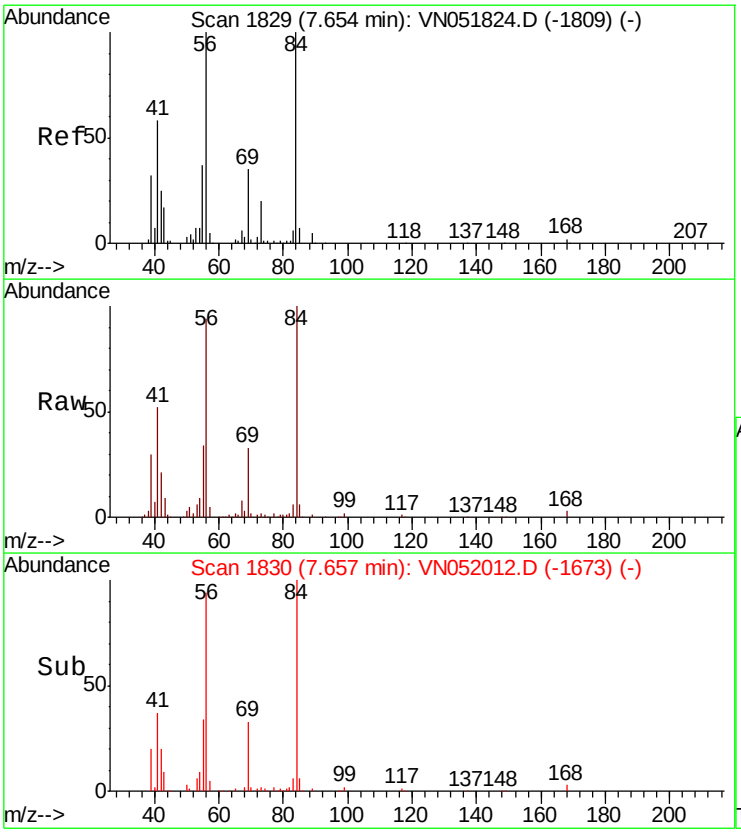
Tgt Ion: 83 Resp: 378098

Ion	Ratio	Lower	Upper
83	100		
85	64.3	54.6	82.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

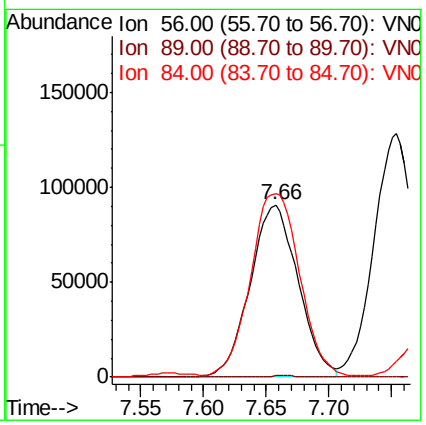
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

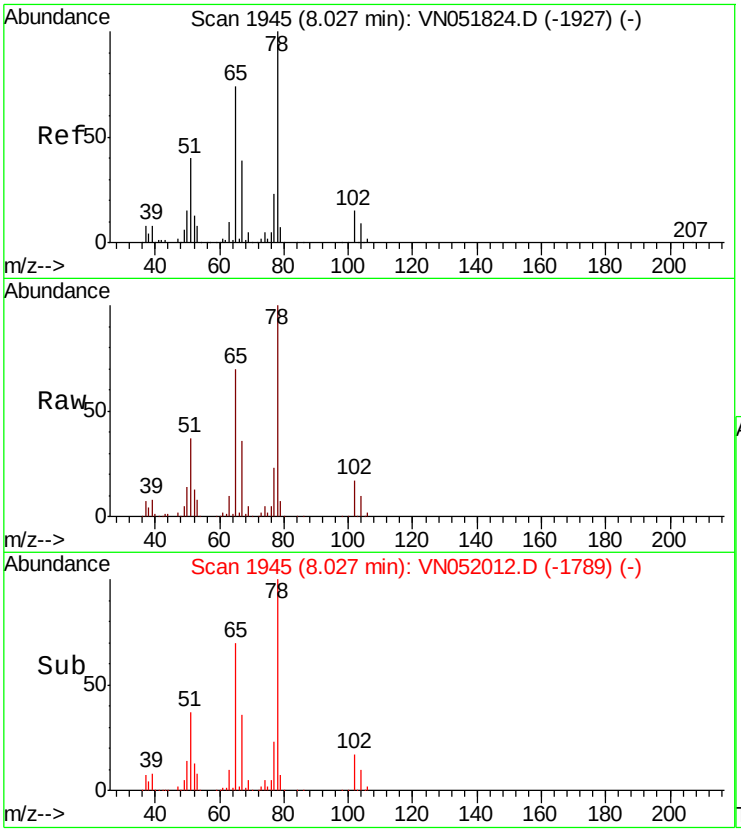


#26
Cyclohexane
Concen: 18.648 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 56 Resp: 241668

Ion	Ratio	Lower	Upper
56	100		
89	0.5	1.5	2.3#
84	110.0	64.2	96.4#

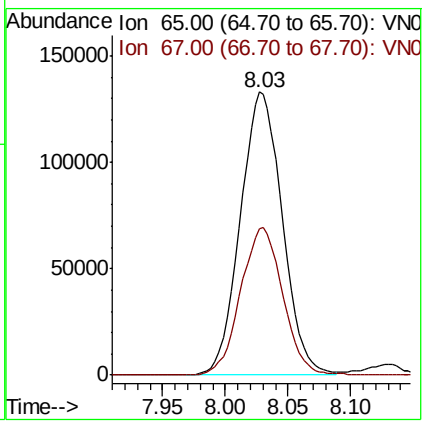




#27
1,2-Dichloroethane-d4
Concen: 18.648 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

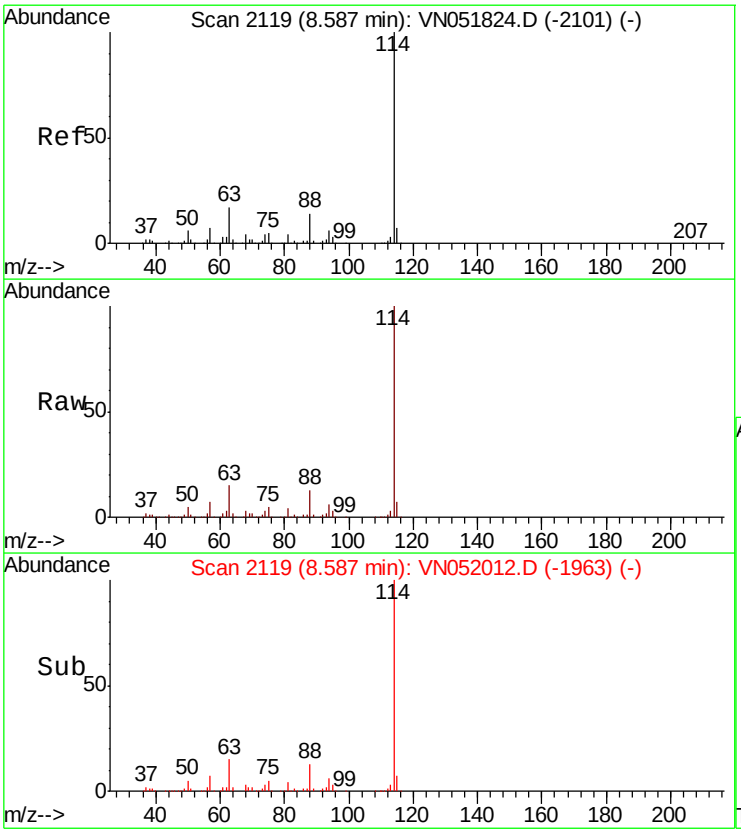
Tgt Ion: 65 Resp: 310299

Ion	Ratio	Lower	Upper
65	100		
67	52.1	41.8	62.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

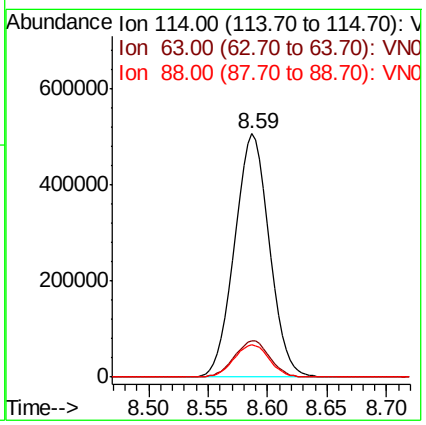
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

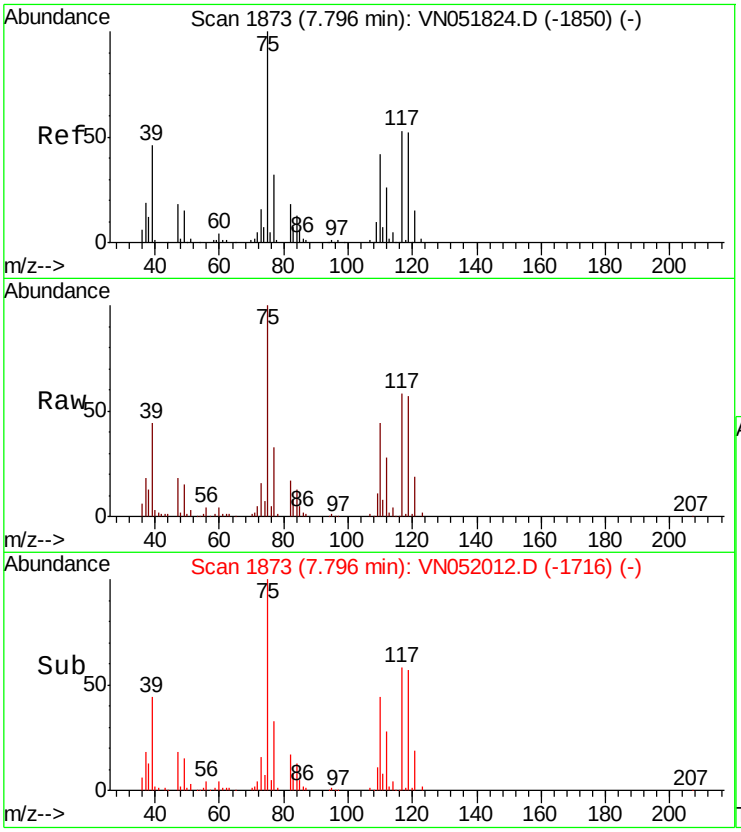


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:114 Resp: 1025671

Ion	Ratio	Lower	Upper
114	100		
63	15.1	16.2	24.2#
88	13.6	12.2	18.4





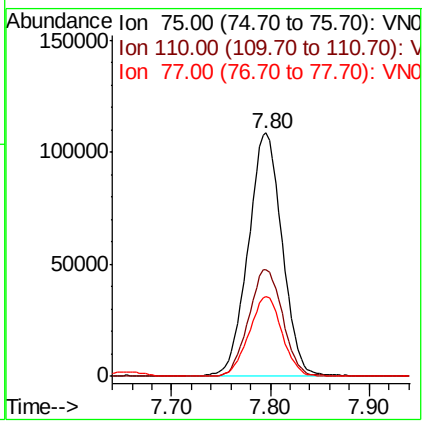
#29
1,1-Dichloropropene
Concen: 19.561 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

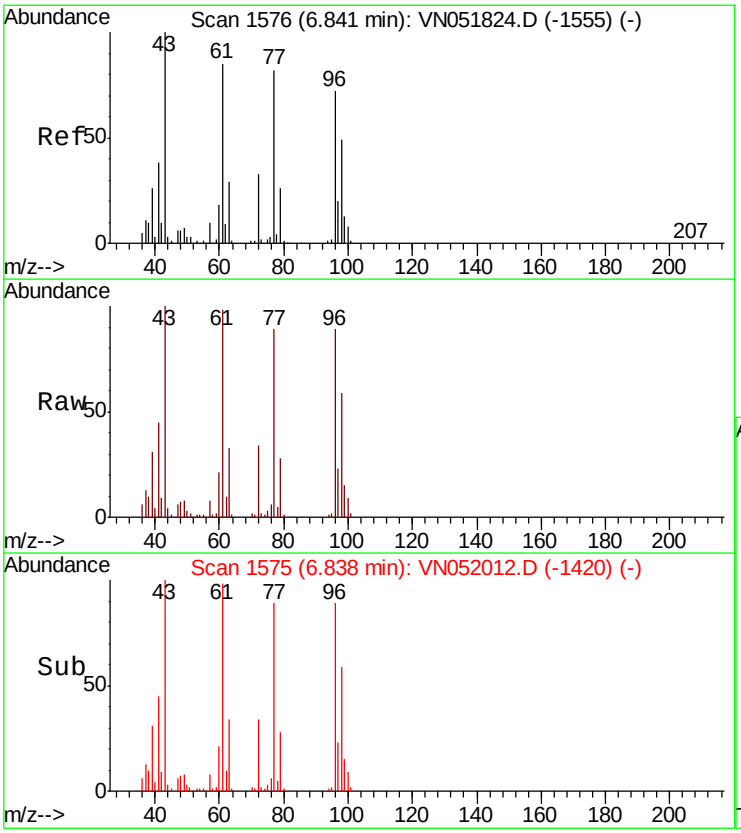
Tgt Ion: 75 Resp: 258610

Ion	Ratio	Lower	Upper
75	100		
110	43.8	0.0	70.8
77	32.2	0.0	61.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

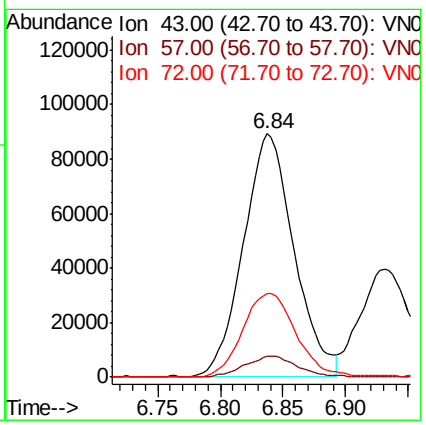


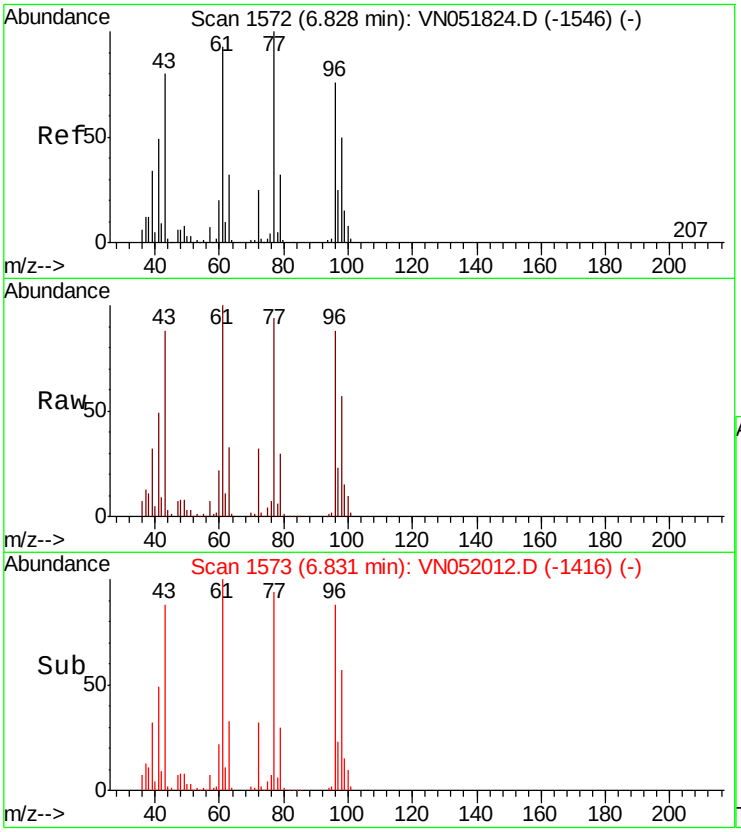


#30
2-Butanone
Concen: 90.493 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 43 Resp: 250062

Ion	Ratio	Lower	Upper
43	100		
57	9.0	4.5	6.7#
72	36.2	21.5	32.3#





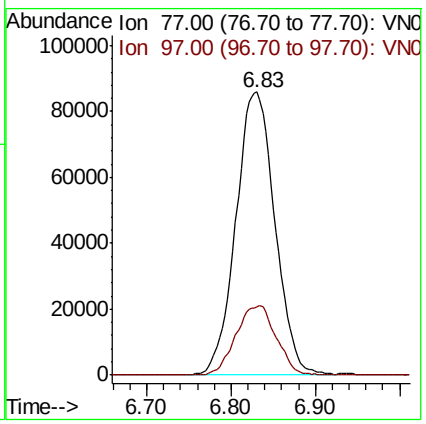
#31
2,2-Dichloropropane
Concen: 17.773 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

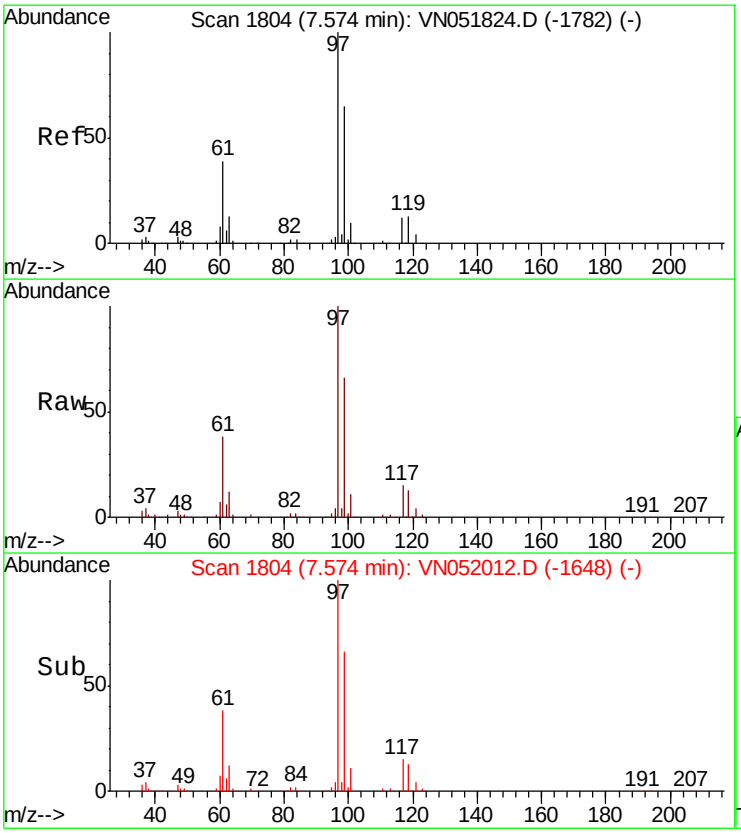
Tgt Ion: 77 Resp: 276426

Ion	Ratio	Lower	Upper
77	100		
97	25.3	12.0	18.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

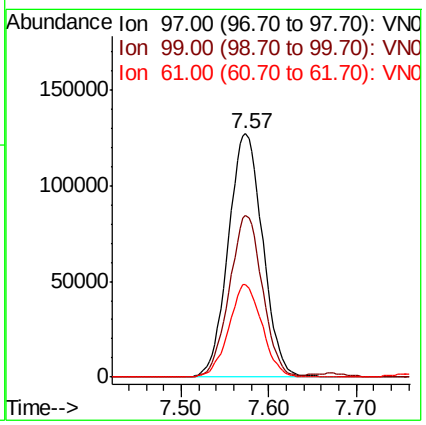


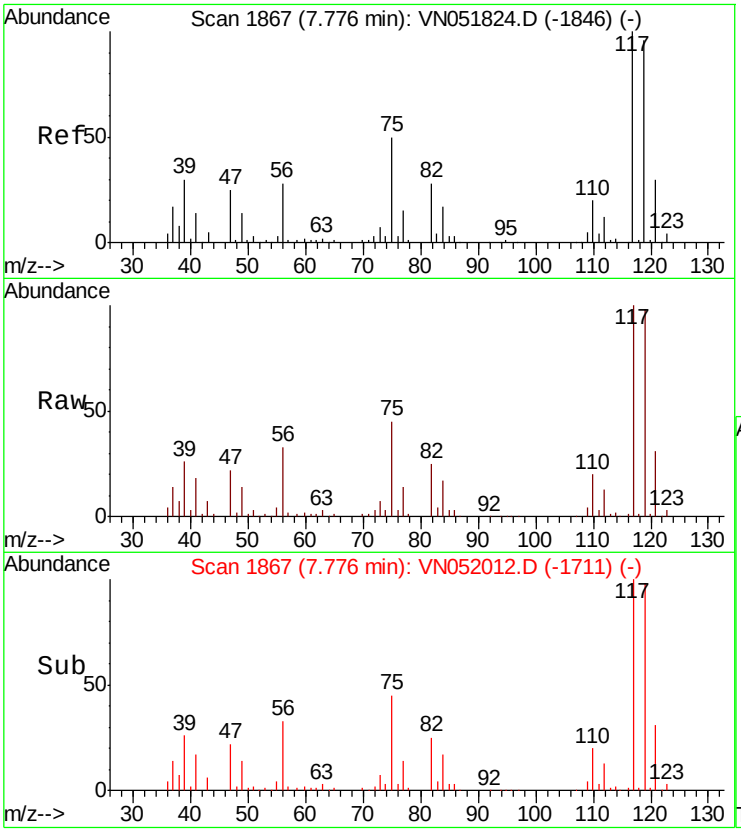


#32
1,1,1-Trichloroethane
Concen: 19.842 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 97 Resp: 347799

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	36.5	37.4	56.0#

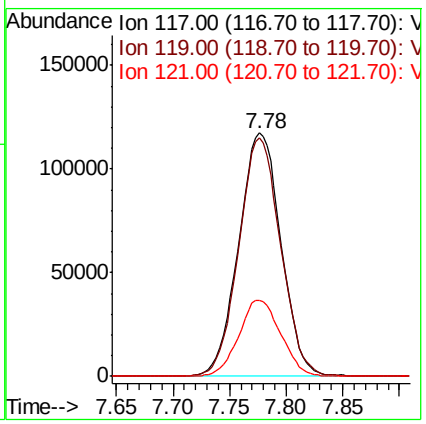




#33
Carbon Tetrachloride
Concen: 19.284 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

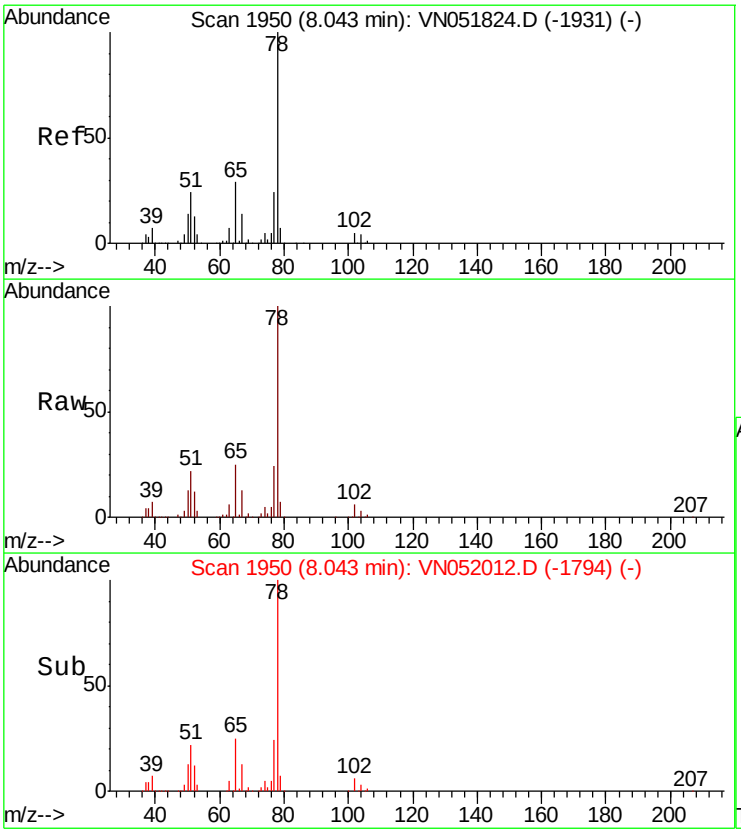
Tgt Ion:117 Resp: 305809

Ion	Ratio	Lower	Upper
117	100		
119	97.7	85.1	127.7
121	31.2	24.2	36.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

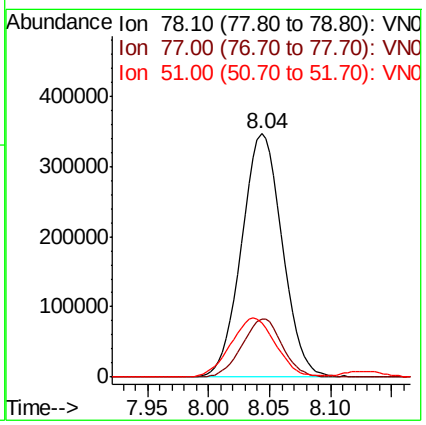
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

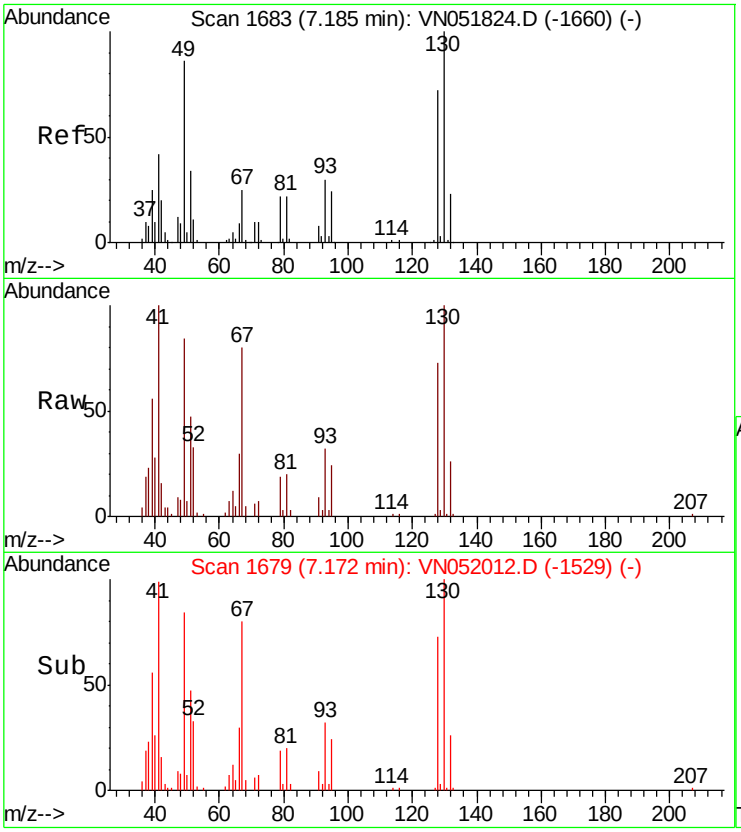


#34
Benzene
Concen: 20.444 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 78 Resp: 799509

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2
51	22.0	46.2	69.4#

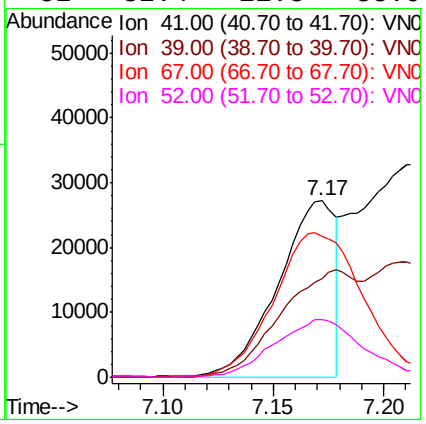




#35
Methacrylonitrile
Concen: 13.547 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.02 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

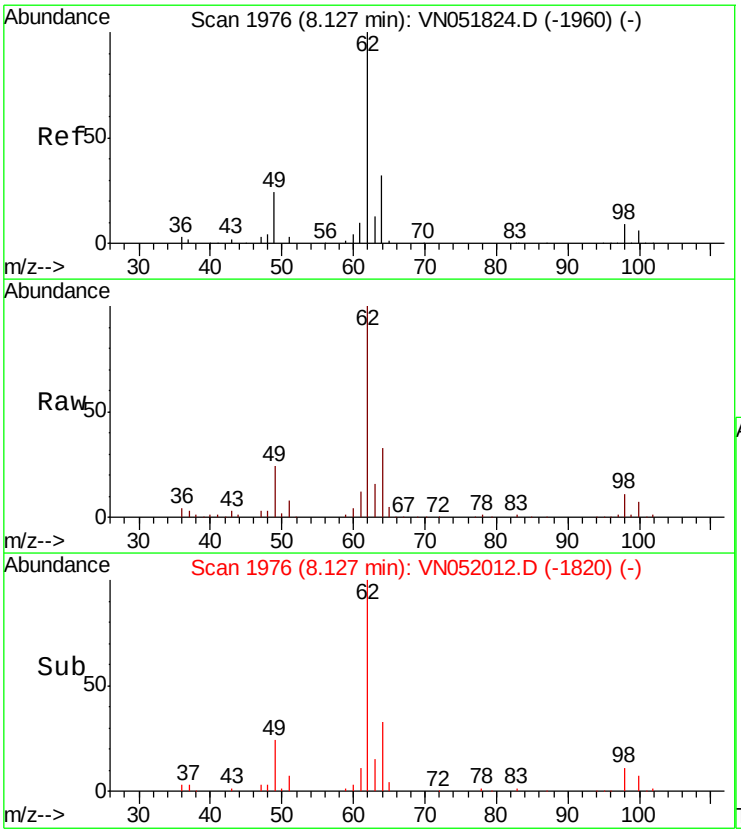
Tgt Ion: 41 Resp: 49182

Ion	Ratio	Lower	Upper
41	100		
39	55.2	22.6	67.7
67	80.2	28.9	86.8
52	32.4	11.3	33.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

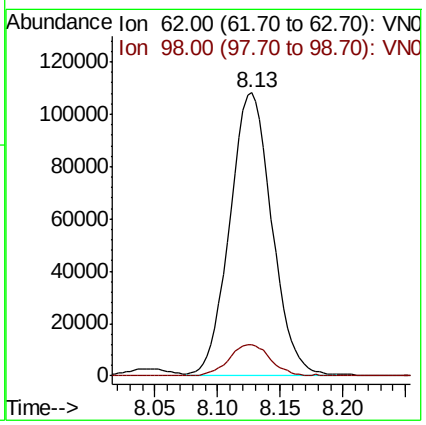
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

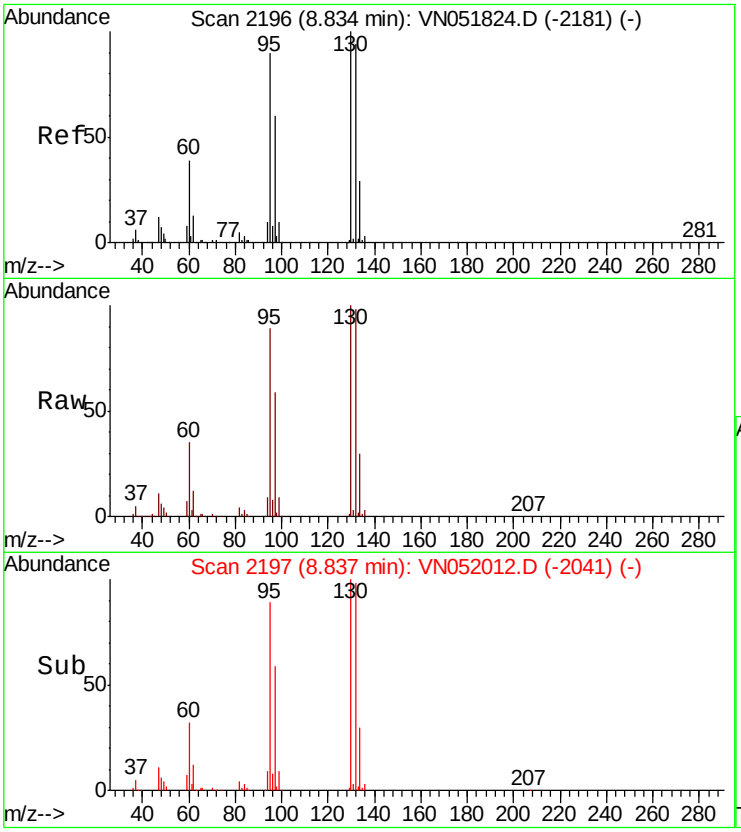


#36
1,2-Dichloroethane
Concen: 20.223 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 62 Resp: 253414

Ion	Ratio	Lower	Upper
62	100		
98	10.8	6.9	10.3#





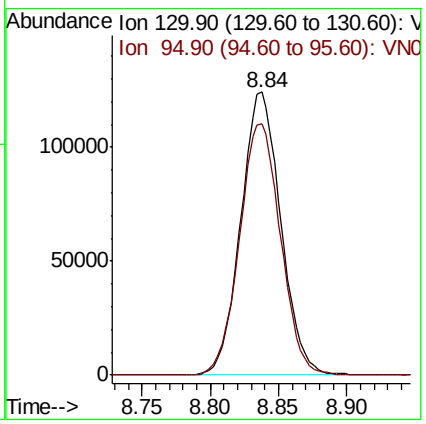
#37
Trichloroethene
Concen: 20.796 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

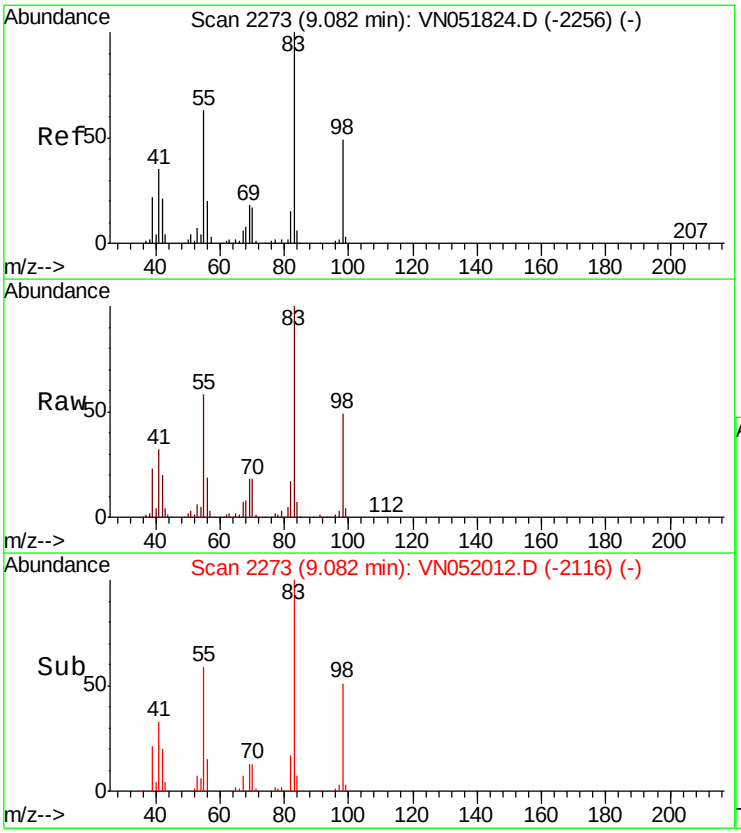
Tgt Ion:130 Resp: 252461

Ion	Ratio	Lower	Upper
130	100		
95	88.6	76.4	114.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

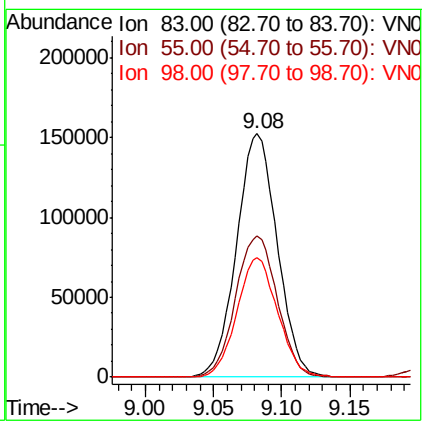


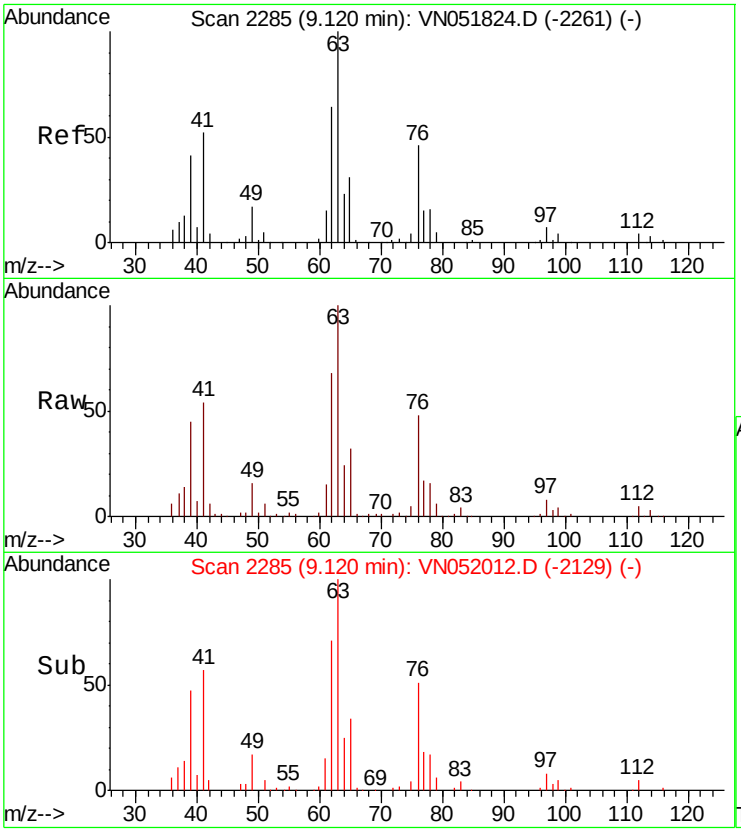


#38
Methylcyclohexane
Concen: 18.644 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 83 Resp: 316158

Ion	Ratio	Lower	Upper
83	100		
55	59.4	43.0	129.2
98	49.1	21.3	63.7

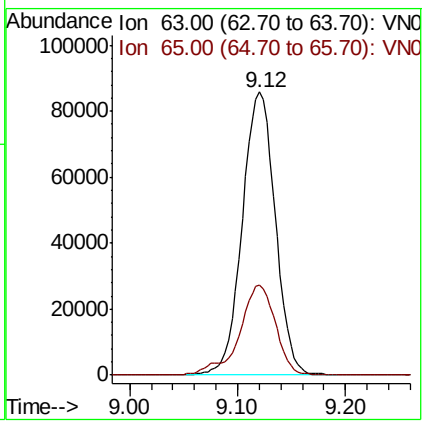




#39
1,2-Dichloropropane
Concen: 19.872 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

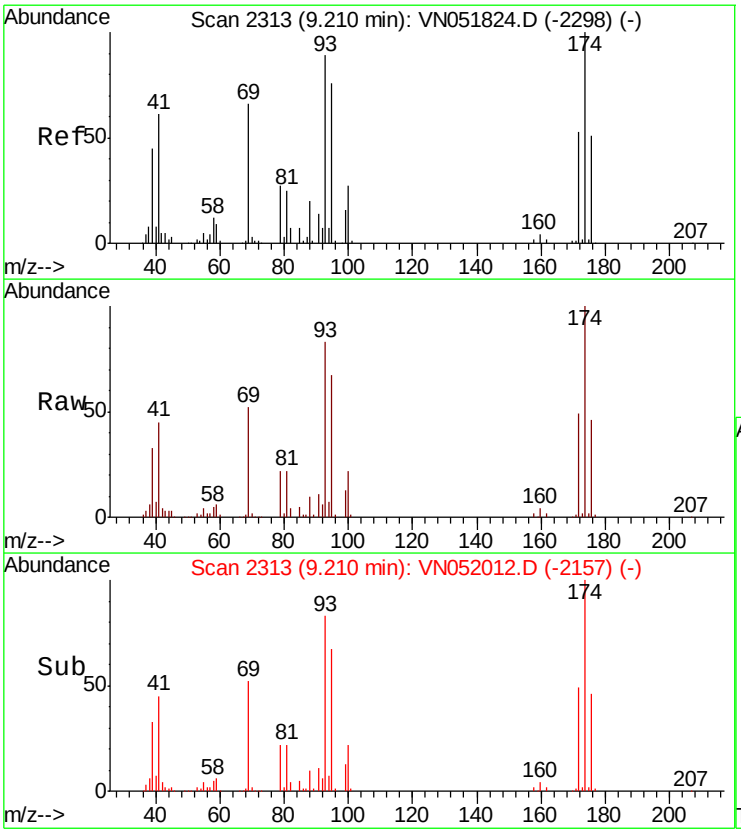
Tgt Ion: 63 Resp: 183021

Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

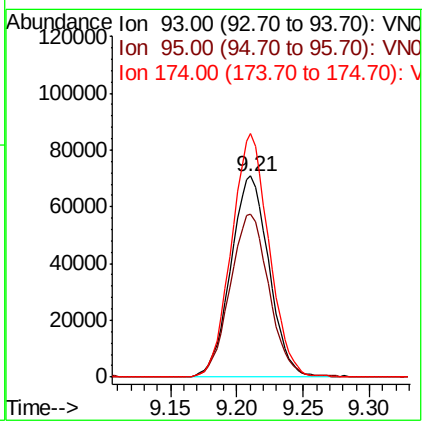
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

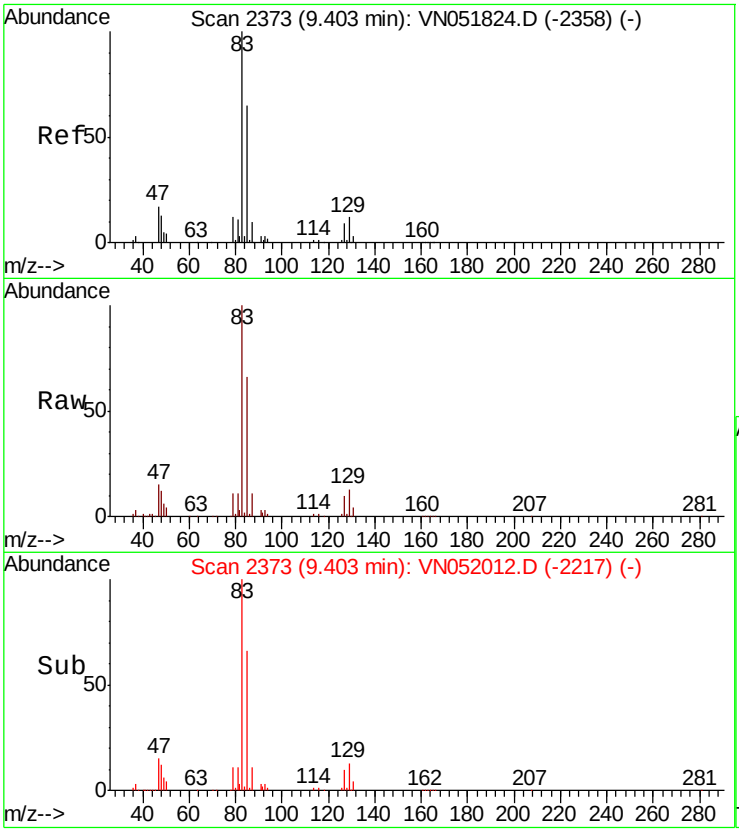


#40
Dibromomethane
Concen: 20.733 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 93 Resp: 141718

Ion	Ratio	Lower	Upper
93	100		
95	82.4	0.0	162.0
174	118.9	0.0	214.0

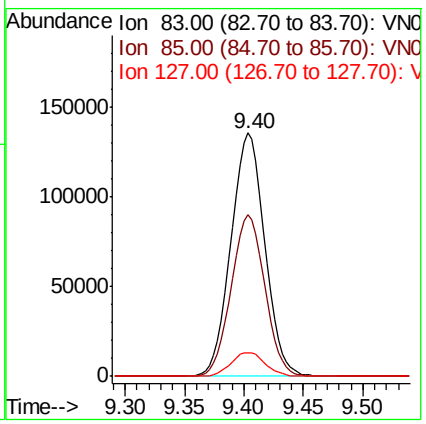




#41
Bromodichloromethane
Concen: 18.905 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

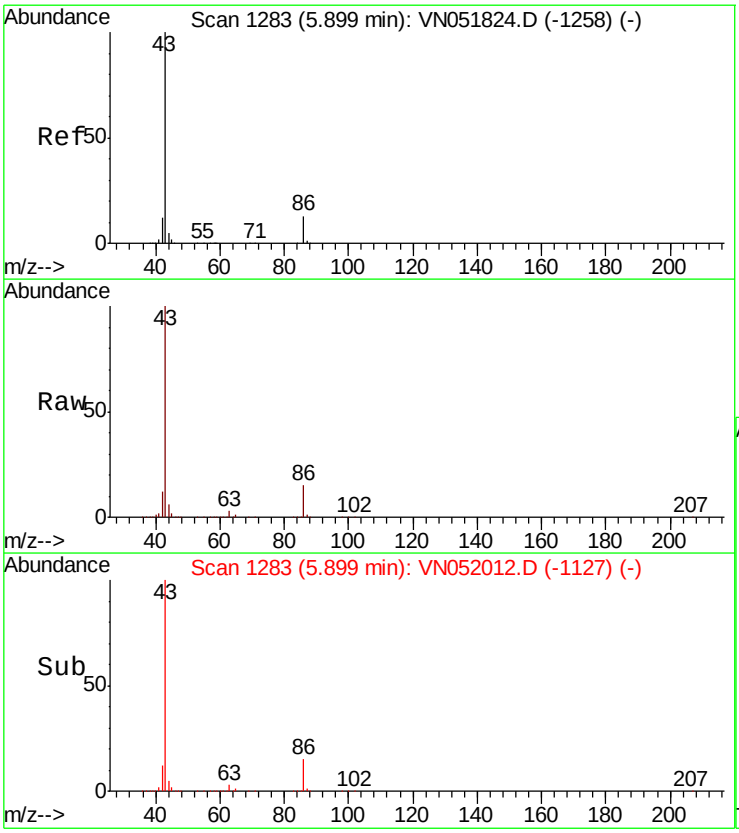
Tgt Ion: 83 Resp: 266918

Ion	Ratio	Lower	Upper
83	100		
85	66.3	55.7	83.5
127	9.6	8.2	12.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

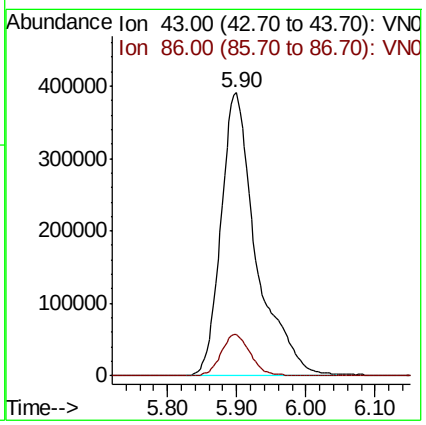
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

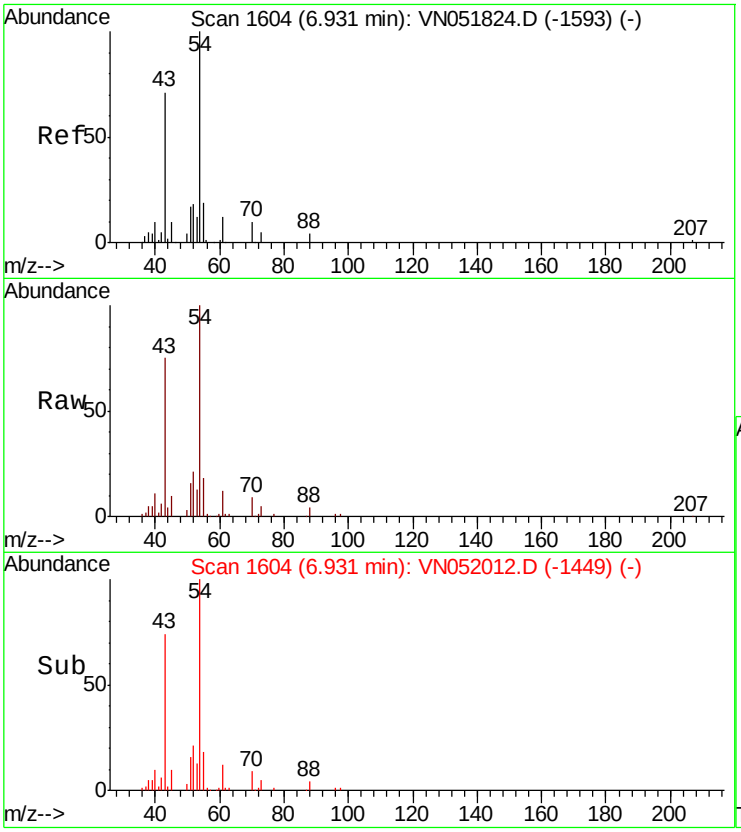


#42
Vinyl Acetate
Concen: 89.095 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 43 Resp: 1385946

Ion	Ratio	Lower	Upper
43	100		
86	12.2	6.5	9.7#

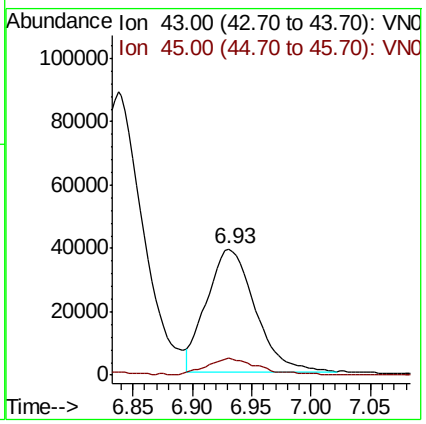




#43
Ethyl Acetate
Concen: 18.246 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

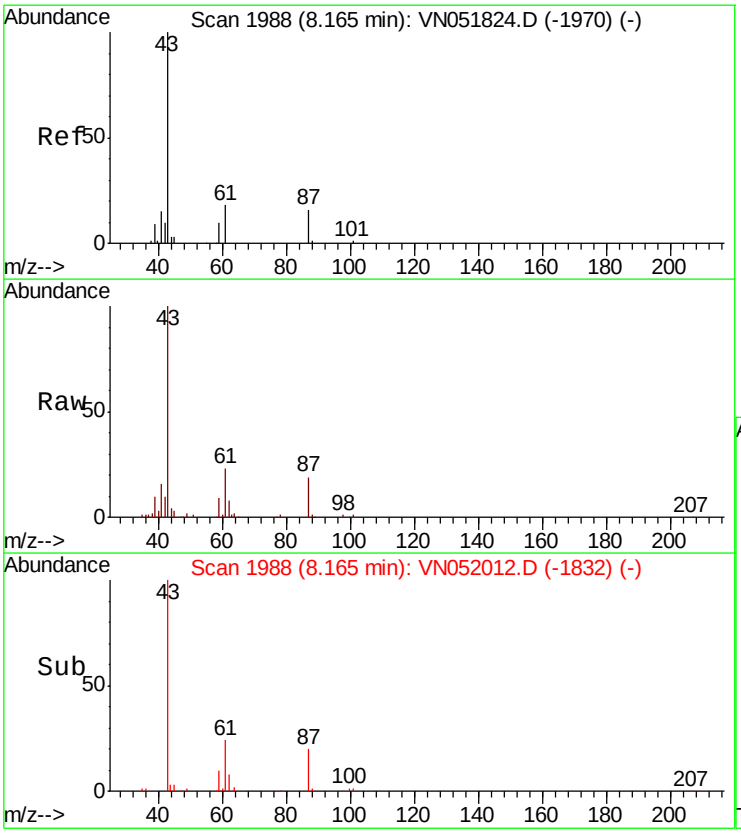
Tgt Ion: 43 Resp: 109479

Ion	Ratio	Lower	Upper
43	100		
45	12.7	11.0	16.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

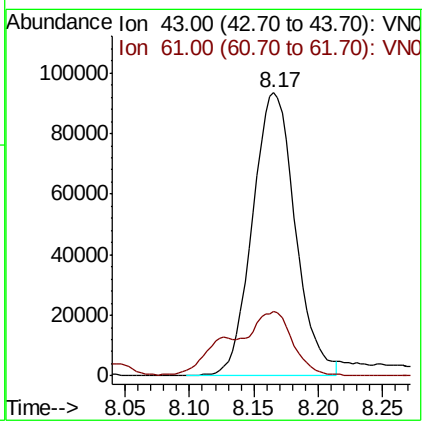
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

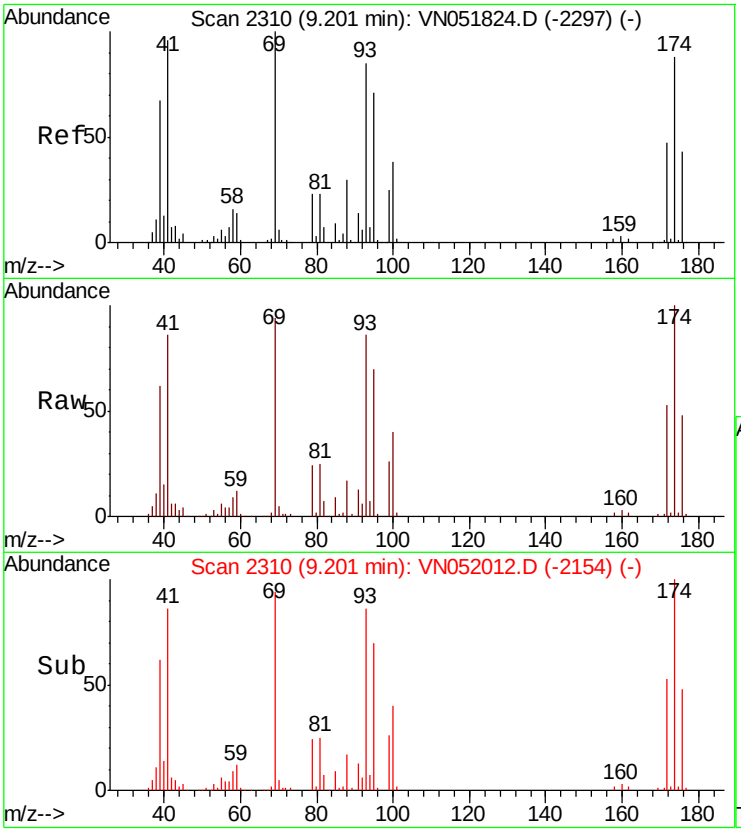


#44
Isopropyl Acetate
Concen: 18.088 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 43 Resp: 216778

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.9	23.9

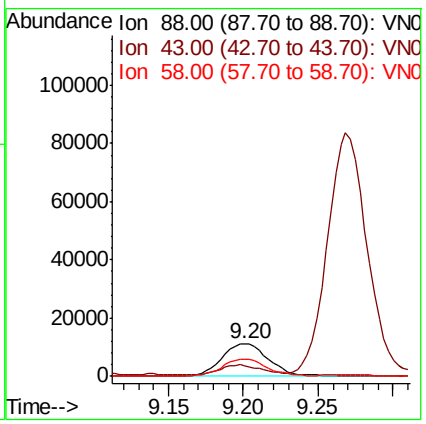




#45
1,4-Dioxane
Concen: 253.843 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

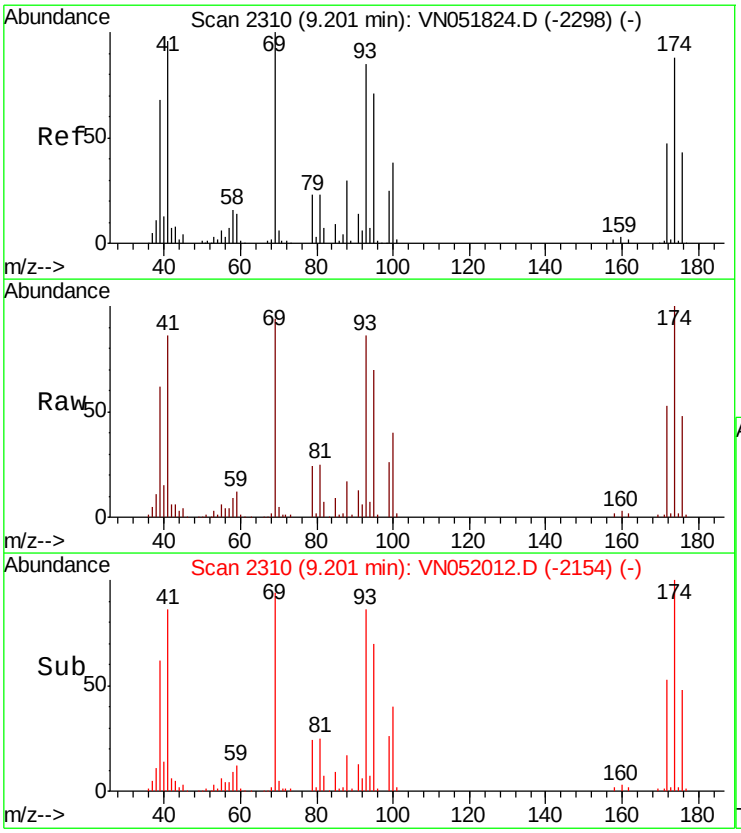
Tgt Ion: 88 Resp: 24428

Ion	Ratio	Lower	Upper
88	100		
43	29.2	26.2	39.2
58	51.8	65.6	98.4#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

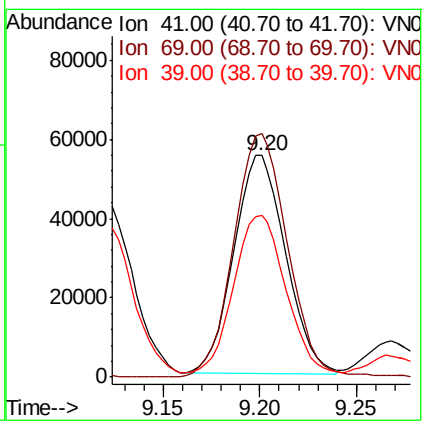
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

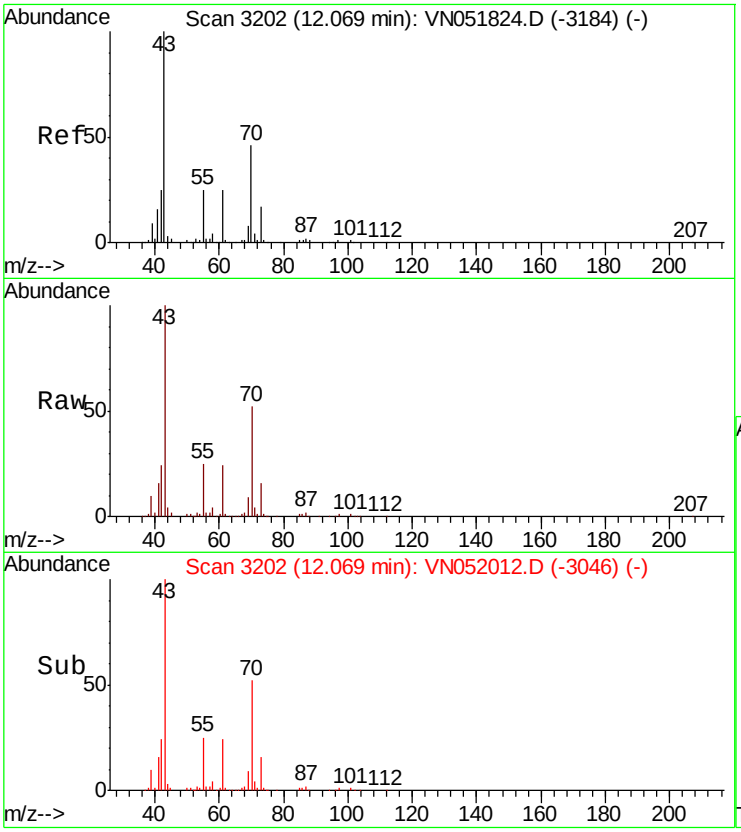


#46
Methyl methacrylate
Concen: 18.519 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 41 Resp: 102371

Ion	Ratio	Lower	Upper
41	100		
69	111.1	40.7	122.1
39	72.5	27.3	81.9





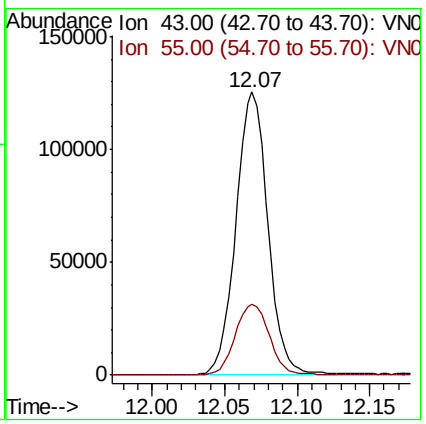
#47
n-amyl Acetate
Concen: 19.004 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

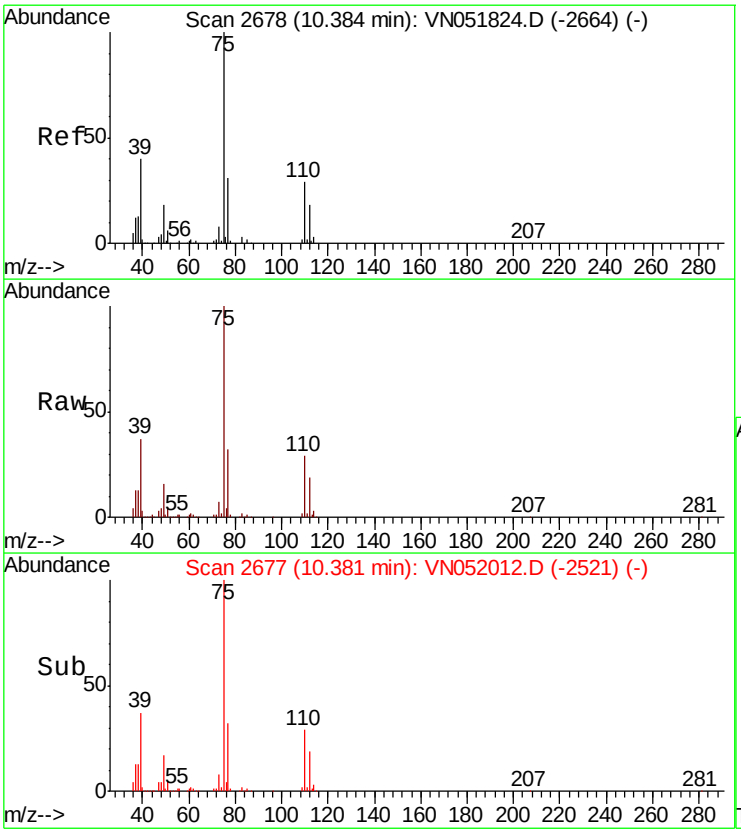
Tgt Ion: 43 Resp: 190666

Ion	Ratio	Lower	Upper
43	100		
55	27.2	12.2	18.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

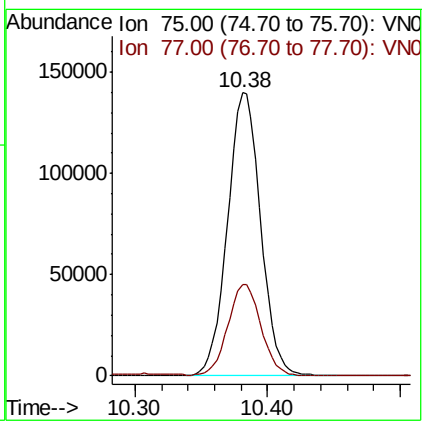


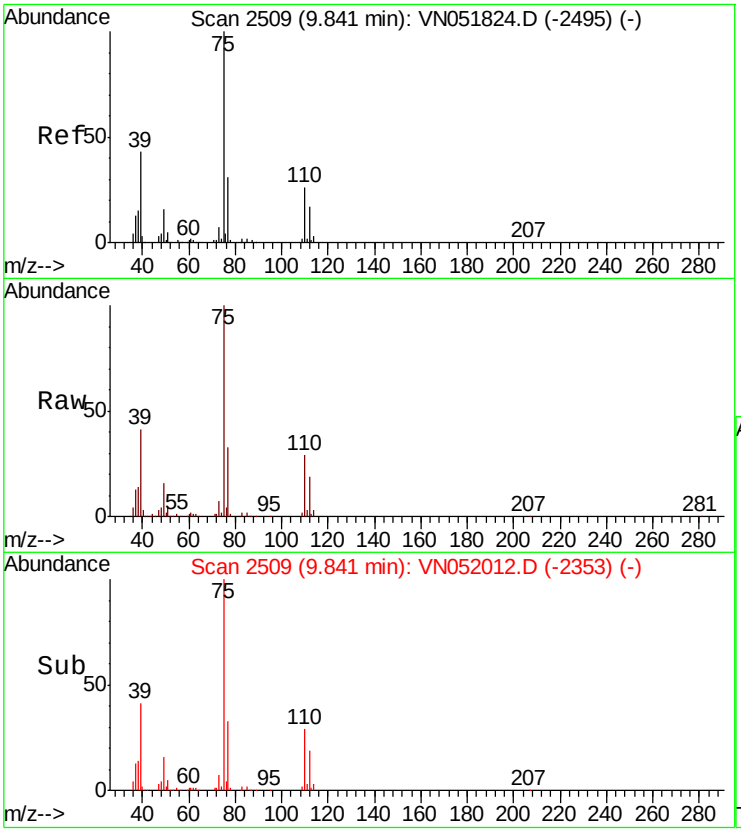


#48
t-1,3-Dichloropropene
Concen: 17.656 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 75 Resp: 243092

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	37.0

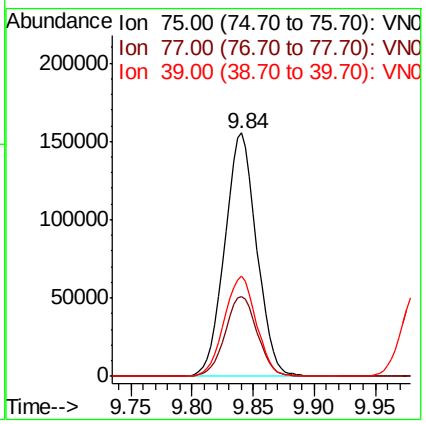




#49
cis-1,3-Dichloropropene
Concen: 18.687 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

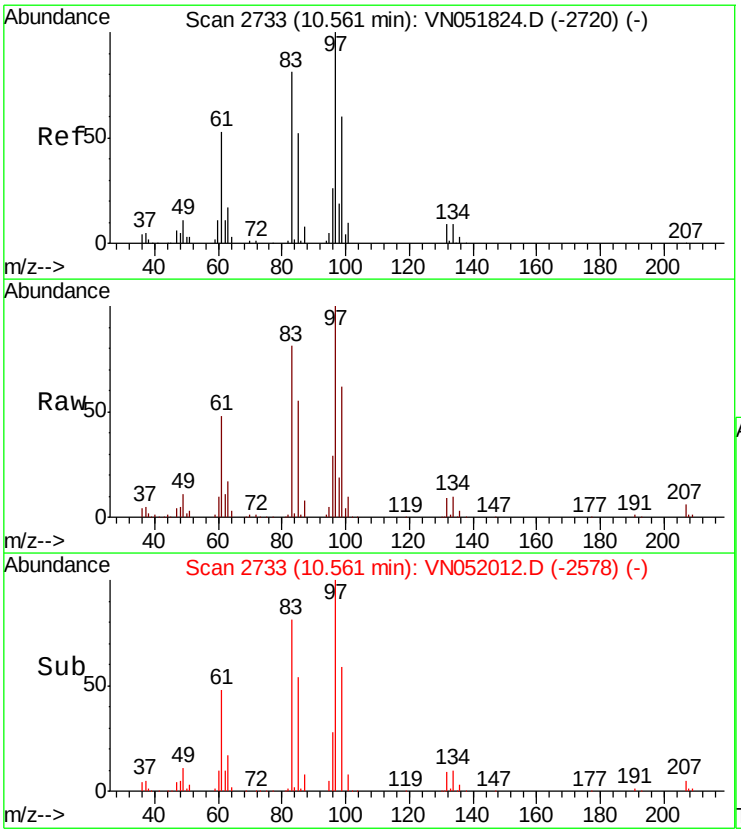
Tgt Ion: 75 Resp: 283622

Ion	Ratio	Lower	Upper
75	100		
77	33.0	23.2	34.8
39	40.8	34.6	52.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

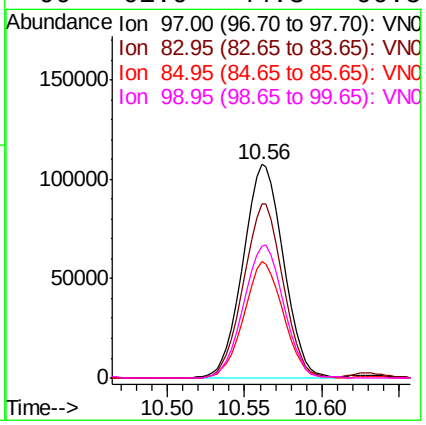
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

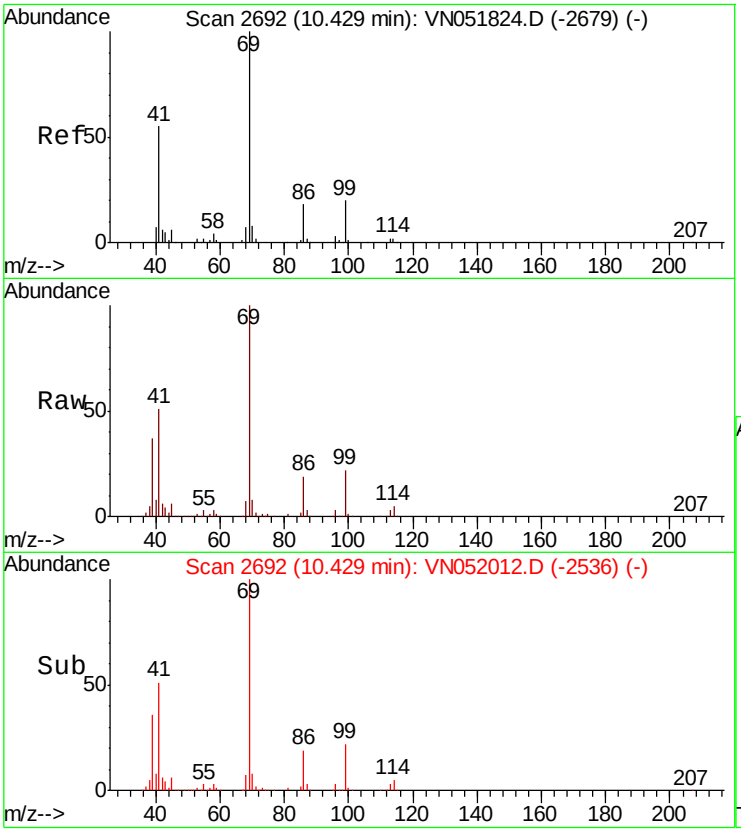


#50
1,1,2-Trichloroethane
Concen: 20.738 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 97 Resp: 195860

Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.2	102.4
85	54.6	42.5	63.7
99	61.9	44.3	66.5

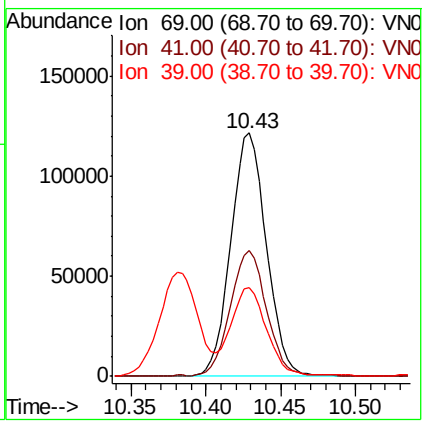




#51
Ethyl methacrylate
Concen: 18.686 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

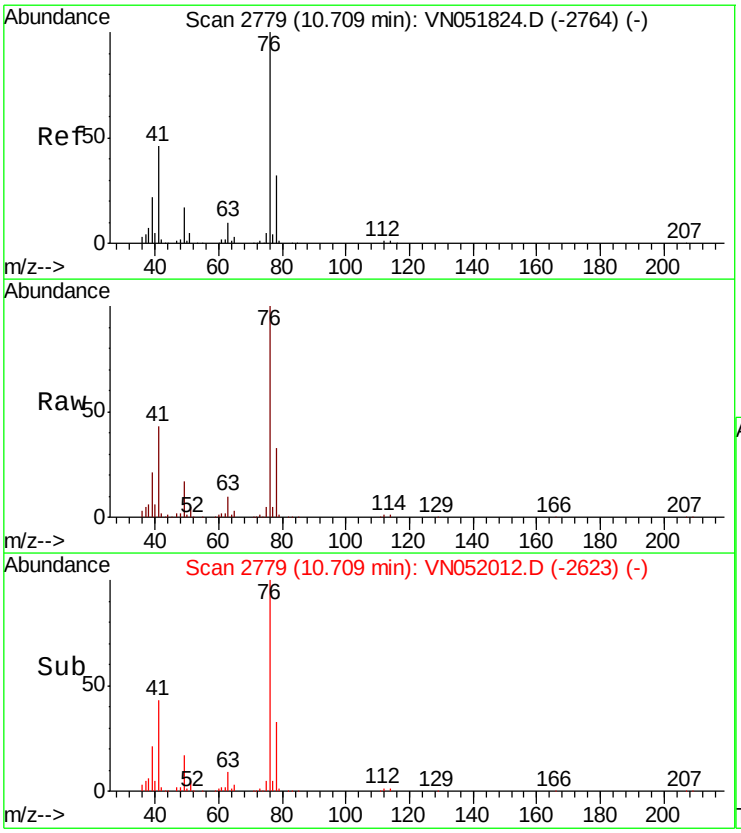
Tgt Ion: 69 Resp: 202038

Ion	Ratio	Lower	Upper
69	100		
41	51.0	34.4	103.1
39	36.0	16.3	48.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

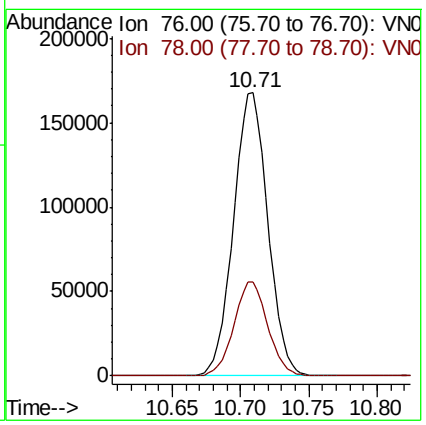
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

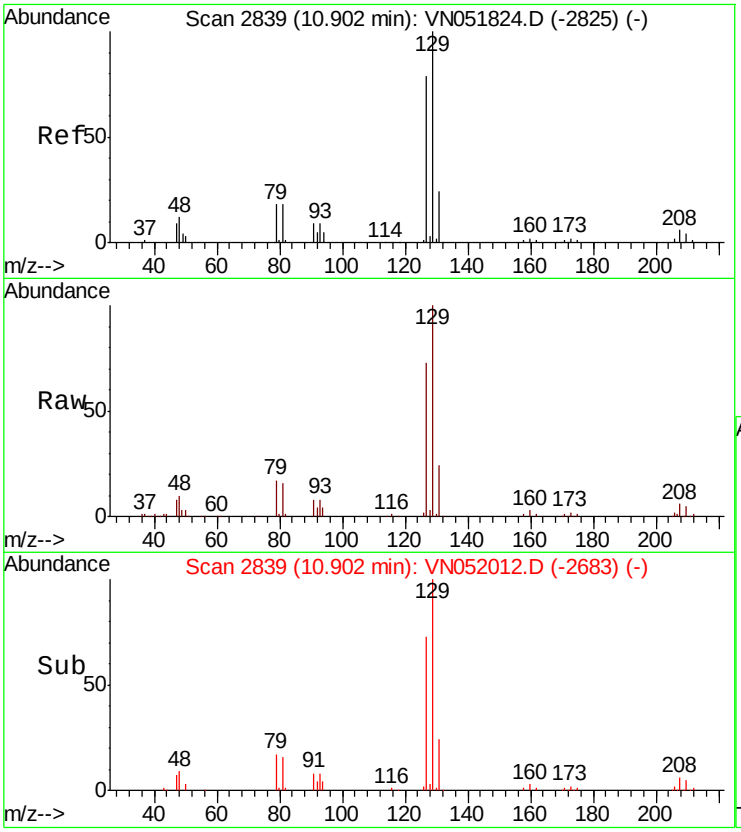


#52
1,3-Dichloropropane
Concen: 20.139 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 76 Resp: 293552

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	67.6





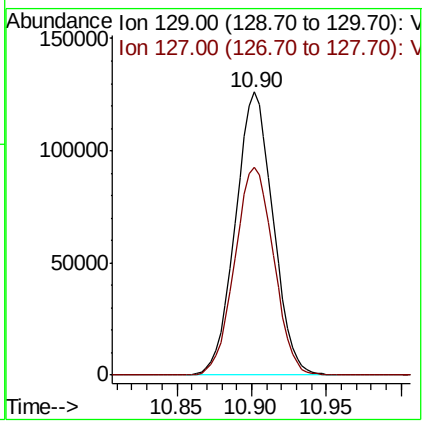
#53
Dibromochloromethane
Concen: 18.912 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

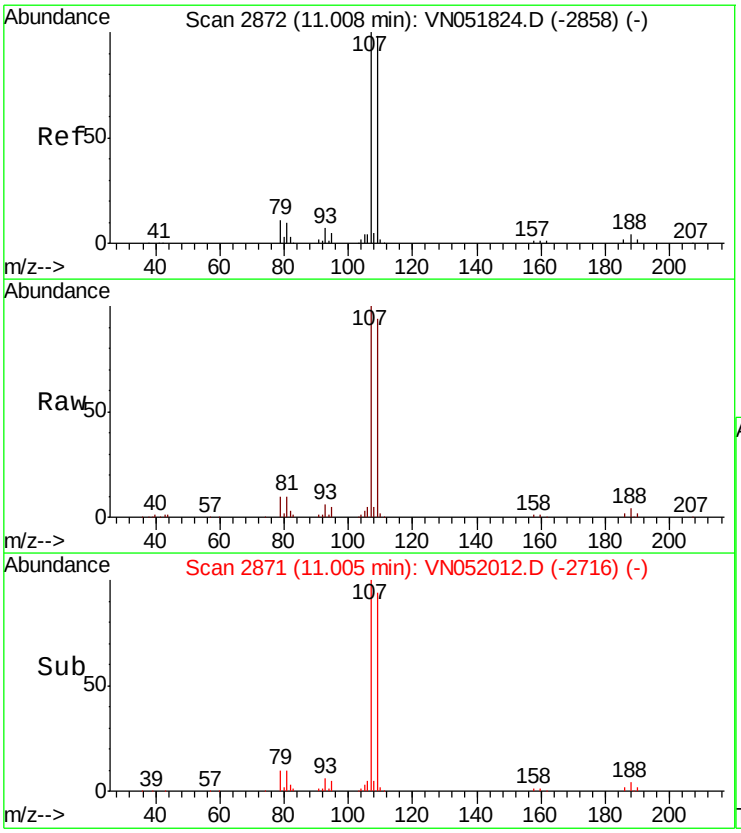
Tgt Ion:129 Resp: 220955

Ion	Ratio	Lower	Upper
129	100		
127	75.9	40.2	120.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

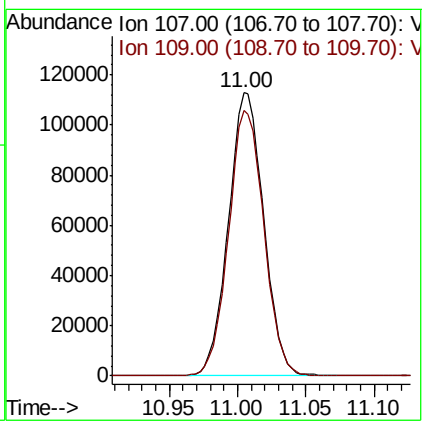


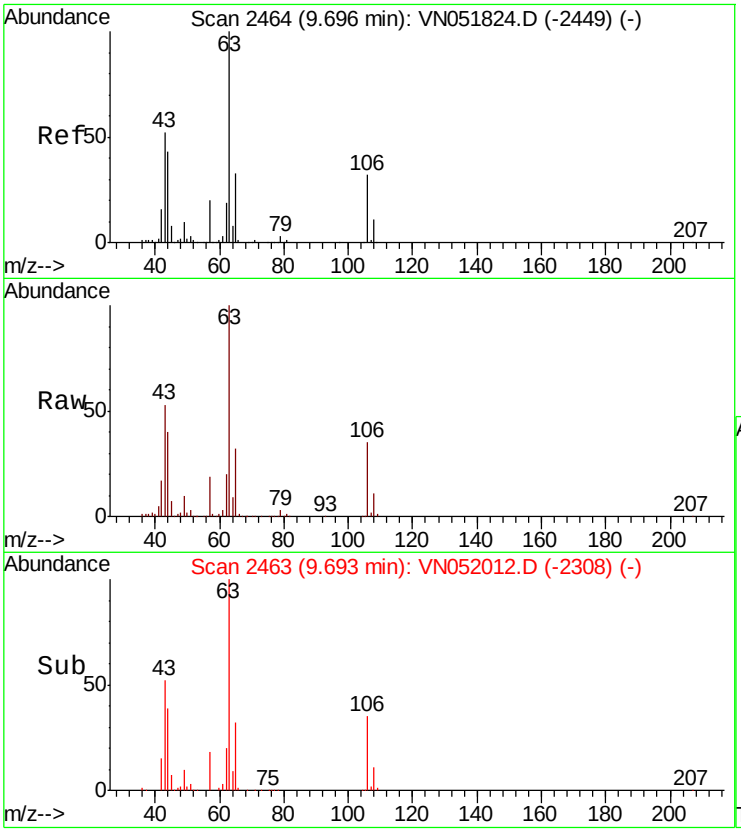


#54
1,2-Dibromoethane
Concen: 20.428 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:107 Resp: 202503

Ion	Ratio	Lower	Upper
107	100		
109	94.1	77.4	116.0

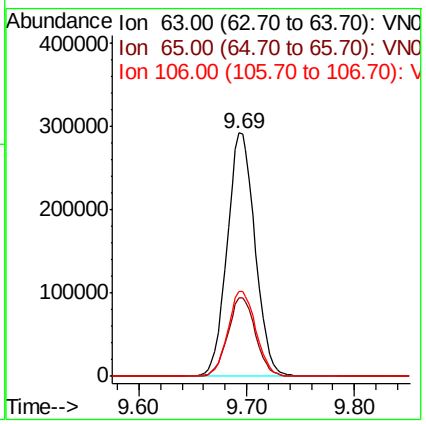




#55
2-Chloroethyl vinyl ether
Concen: 113.913 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

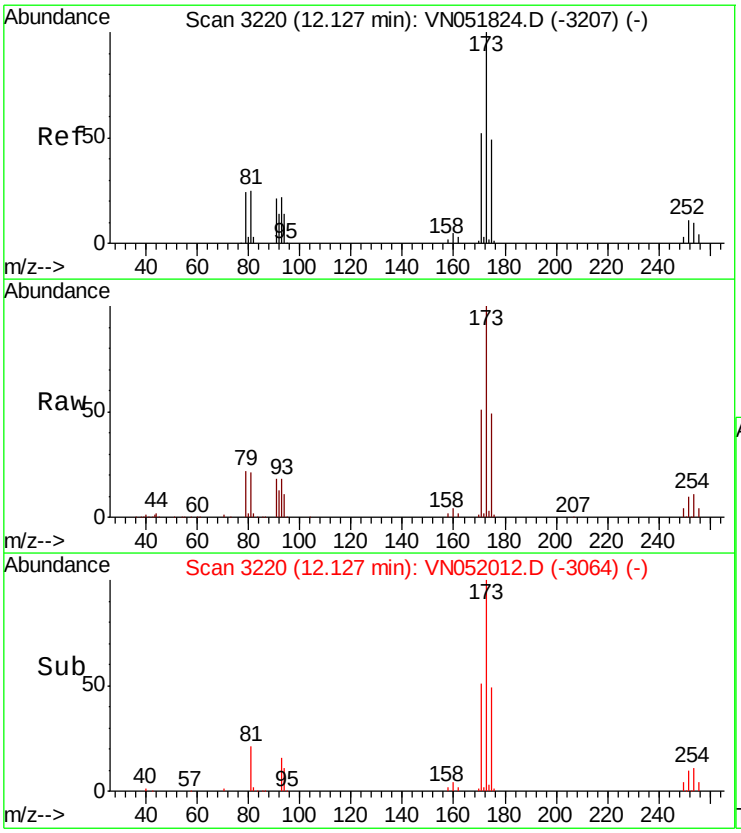
Tgt Ion: 63 Resp: 526537

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.4	38.0
106	35.1	21.2	31.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

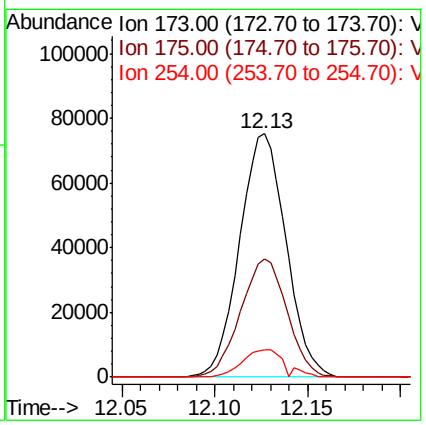
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

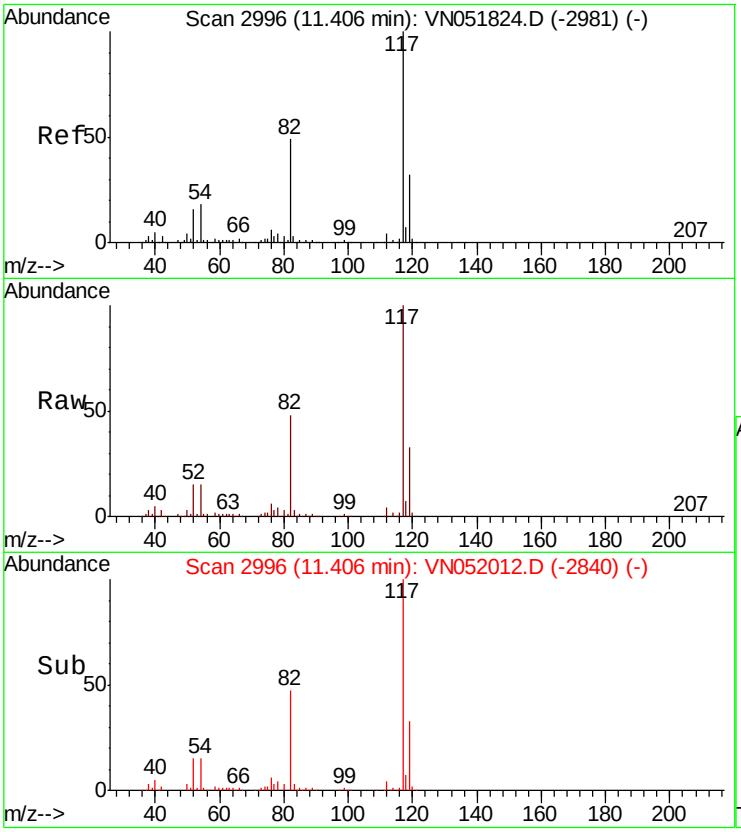


#56
Bromoform
Concen: 16.962 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:173 Resp: 130696

Ion	Ratio	Lower	Upper
173	100		
175	48.6	35.8	53.8
254	9.1	8.6	13.0

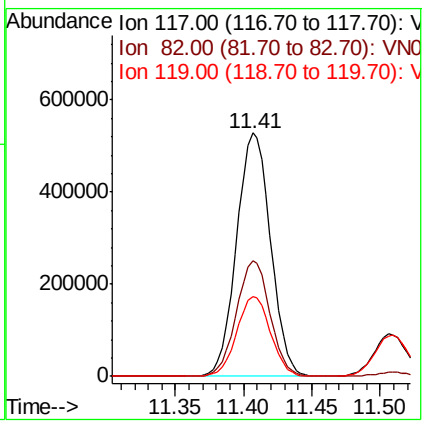




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

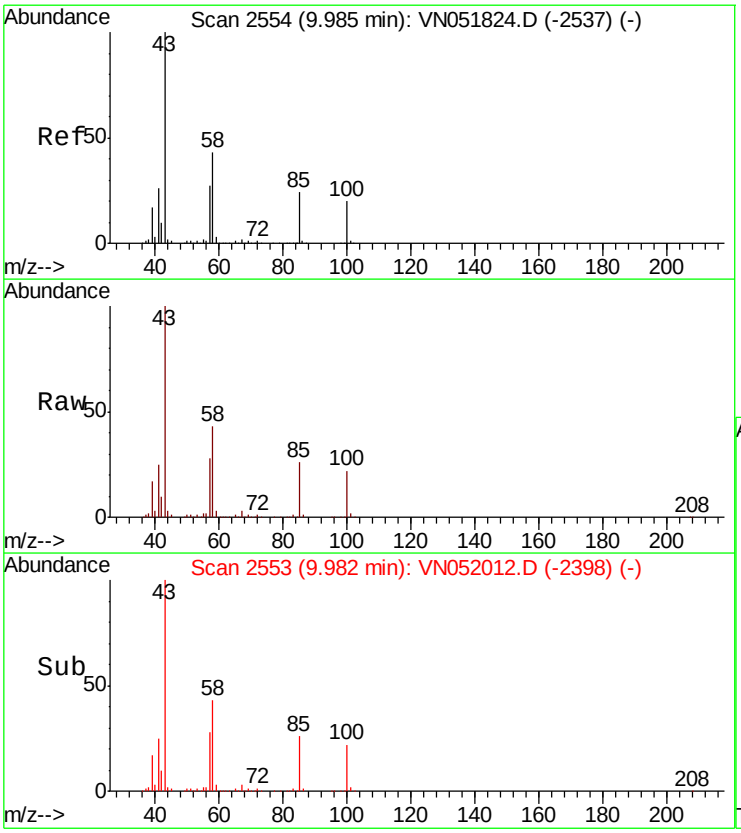
Tgt Ion:117 Resp: 914948

Ion	Ratio	Lower	Upper
117	100		
82	46.8	44.1	66.1
119	32.6	25.8	38.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

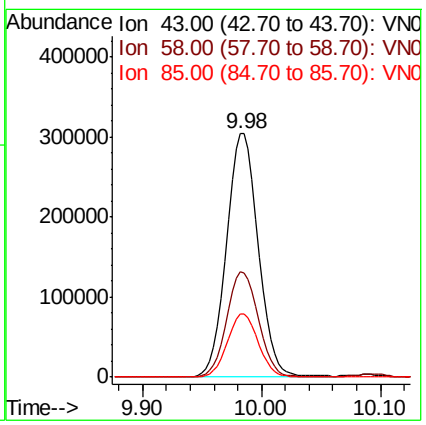
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

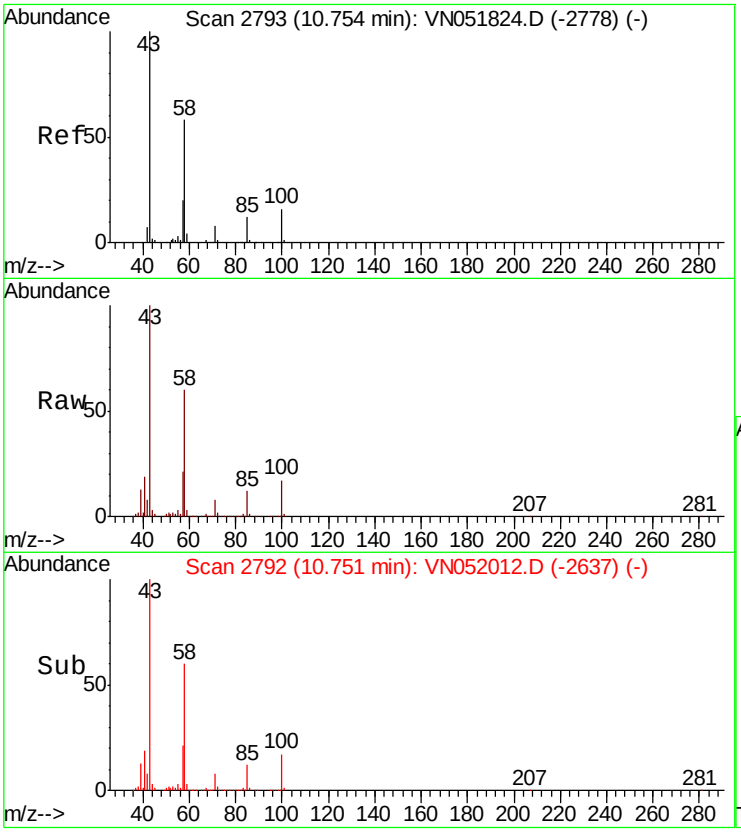


#58
4-Methyl-2-Pentanone
Concen: 91.611 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 43 Resp: 560914

Ion	Ratio	Lower	Upper
43	100		
58	43.1	29.3	43.9
85	25.4	12.6	18.8#

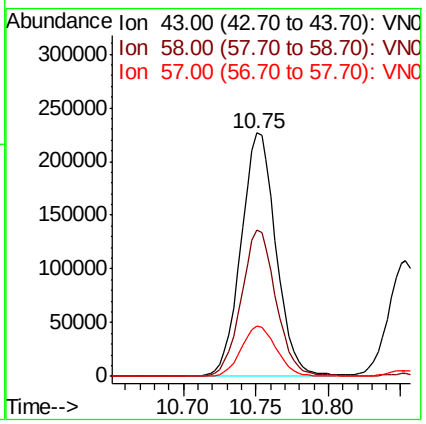




#59
2-Hexanone
Concen: 91.314 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

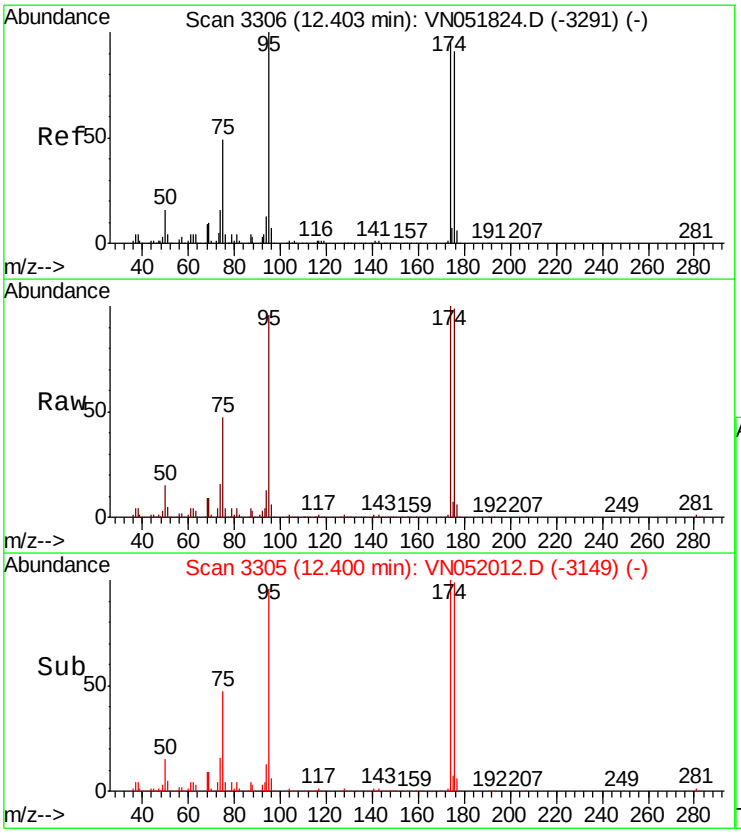
Tgt Ion: 43 Resp: 377189

Ion	Ratio	Lower	Upper
43	100		
58	60.0	41.3	61.9
57	21.0	13.4	20.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

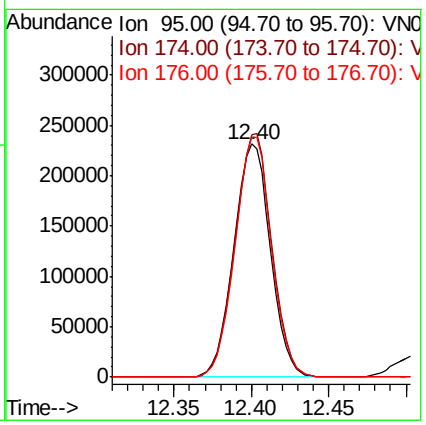
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

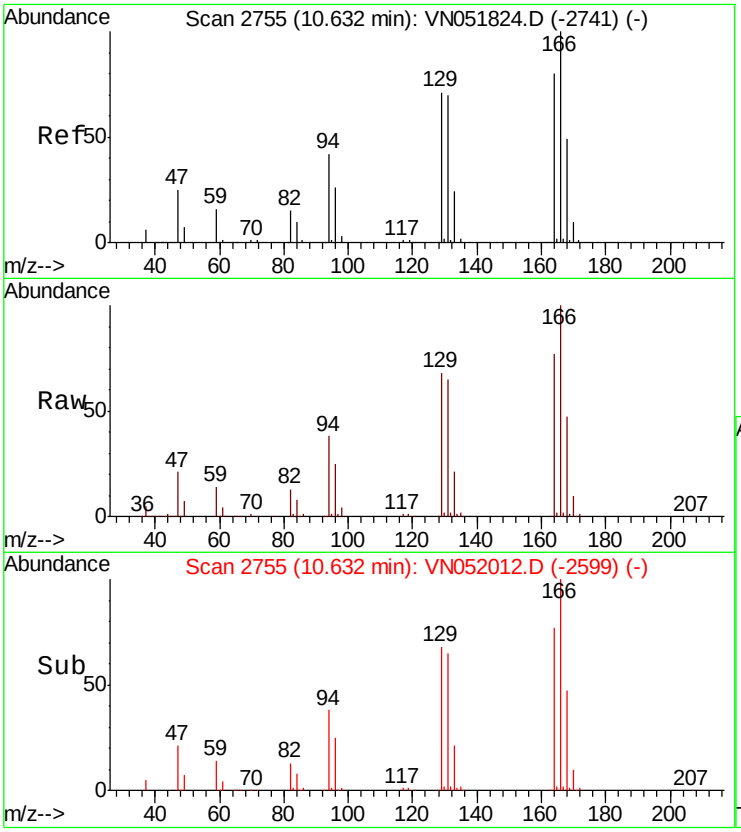


#60
4-Bromofluorobenzene
Concen: 91.314 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 95 Resp: 380338

Ion	Ratio	Lower	Upper
95	100		
174	105.1	73.5	110.3
176	102.4	70.2	105.2

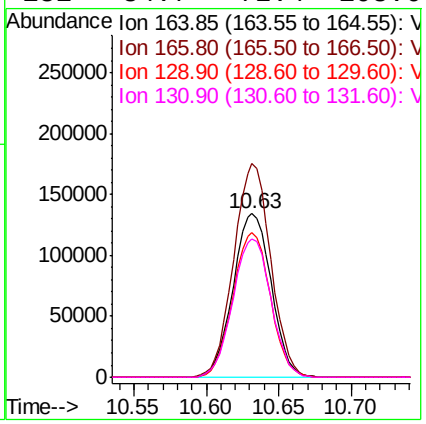




#61
Tetrachloroethene
Concen: 20.942 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

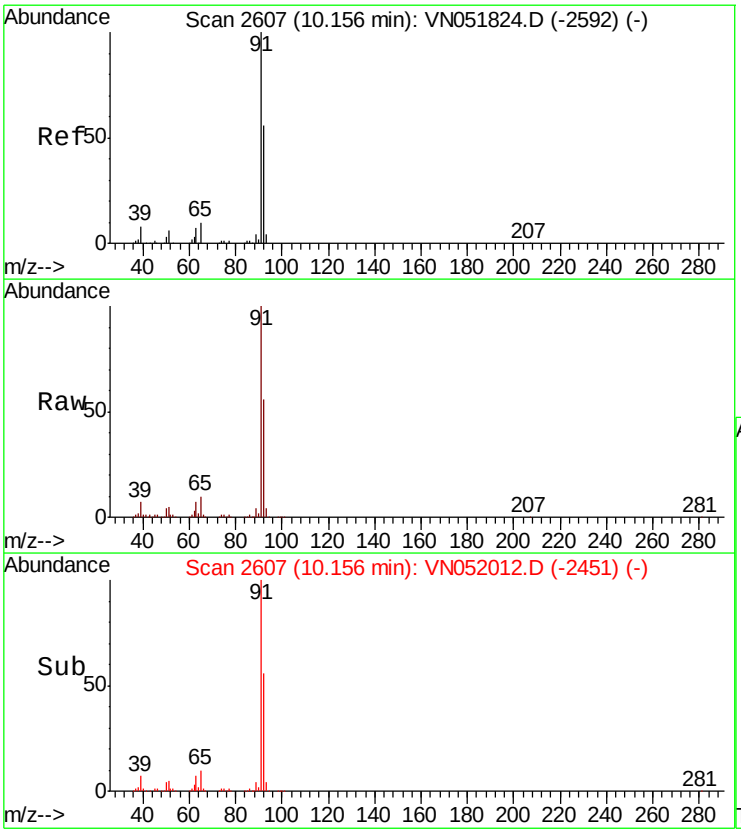
Tgt Ion:164 Resp: 245044

Ion	Ratio	Lower	Upper
164	100		
166	130.4	98.7	148.1
129	88.2	69.6	104.4
131	84.7	72.4	108.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

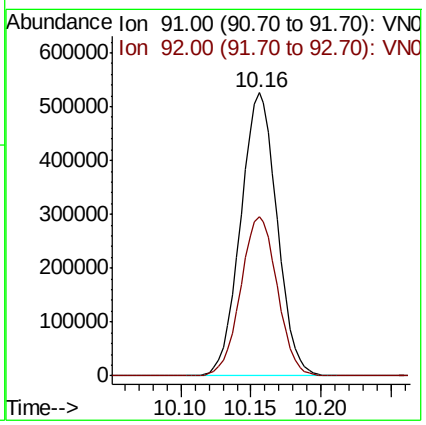
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

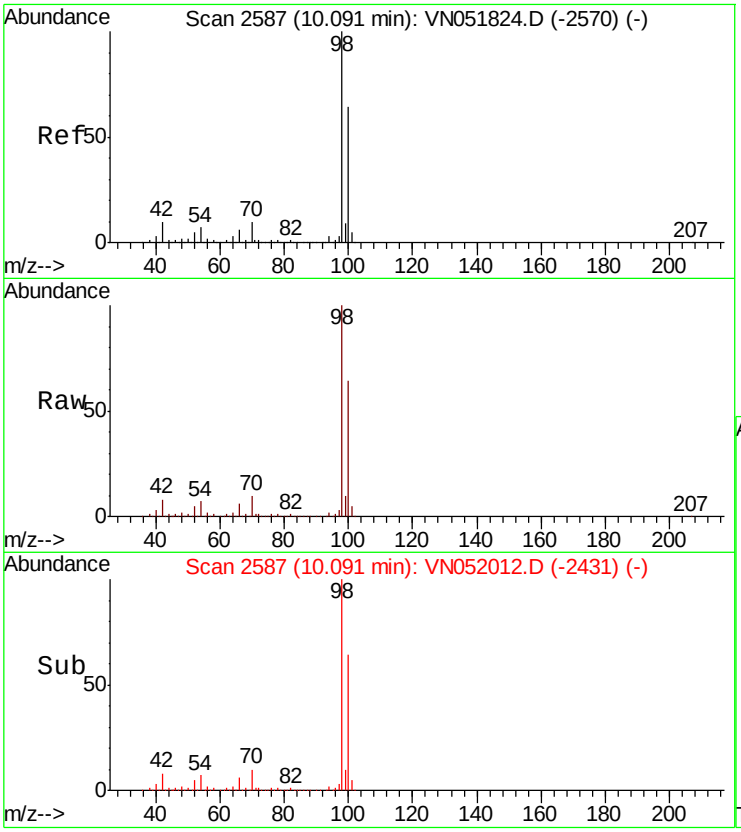


#62
Toluene
Concen: 20.919 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 91 Resp: 950830

Ion	Ratio	Lower	Upper
91	100		
92	56.6	44.6	66.8





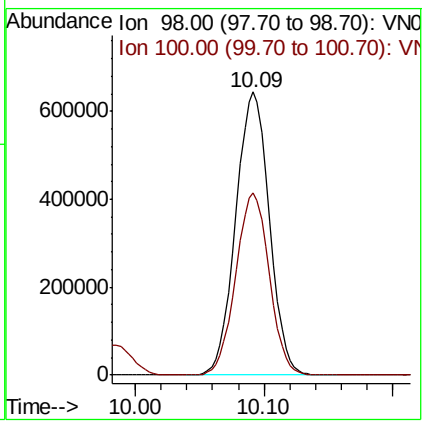
#63
Toluene-d8
Concen: 20.919 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

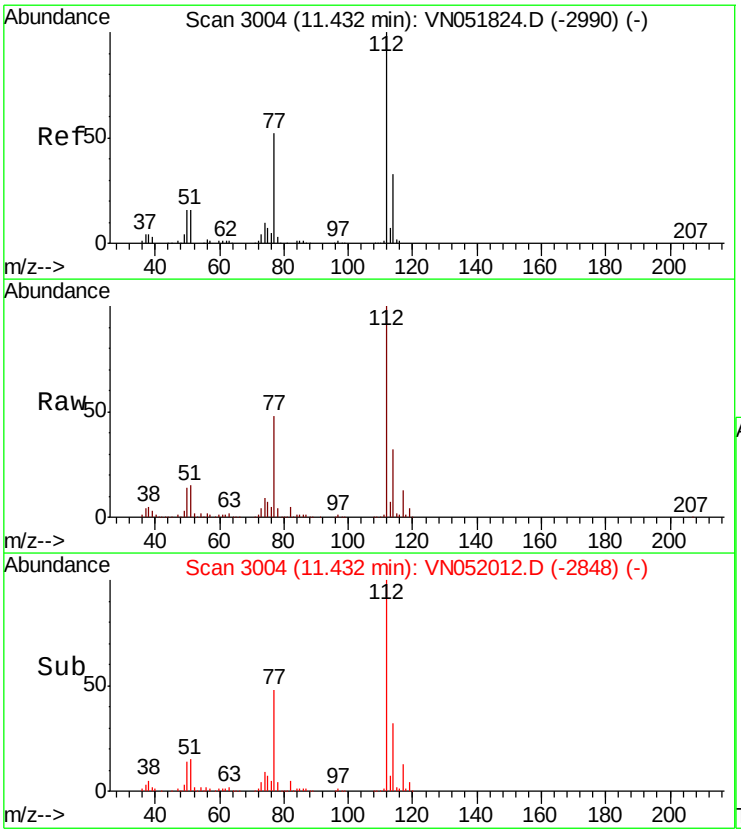
Tgt Ion: 98 Resp: 1166970

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

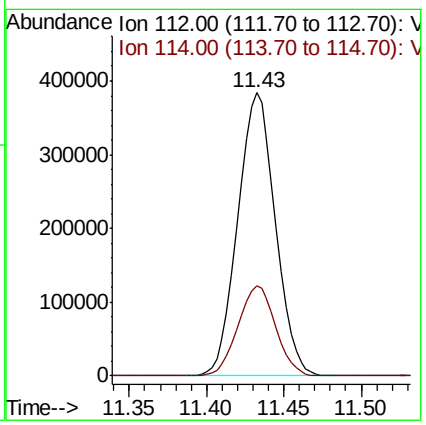


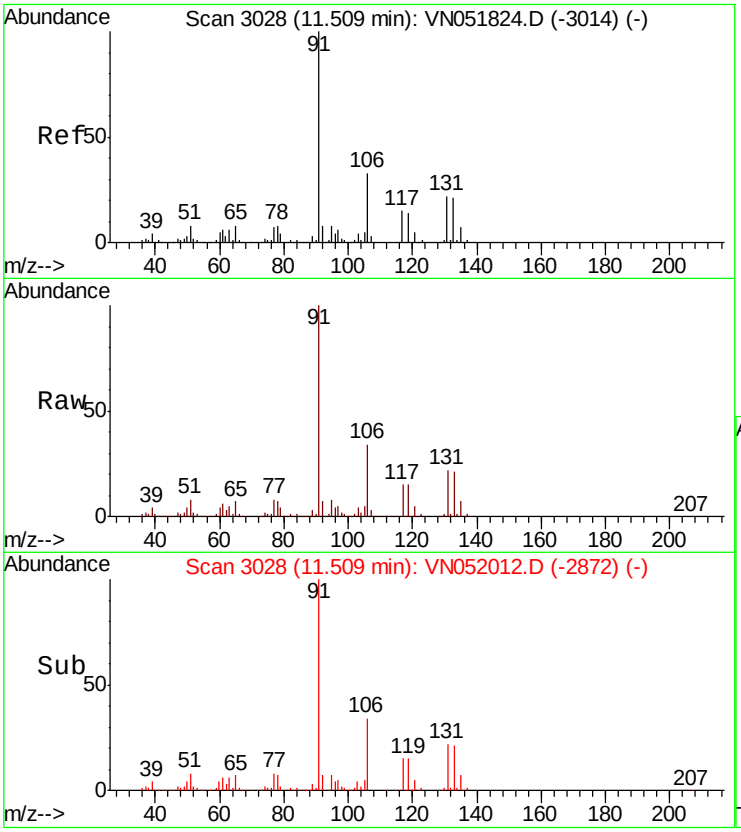


#64
Chlorobenzene
Concen: 21.823 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:112 Resp: 649634

Ion	Ratio	Lower	Upper
112	100		
114	31.8	27.5	41.3

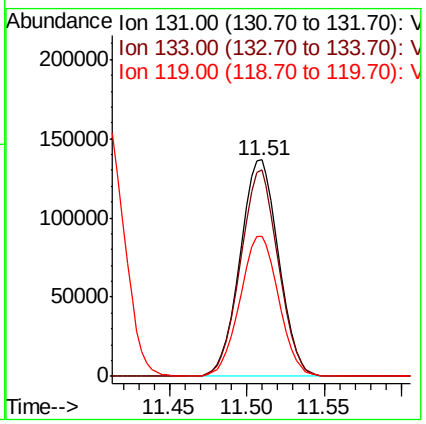




#65
1,1,1,2-Tetrachloroethane
Concen: 20.731 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

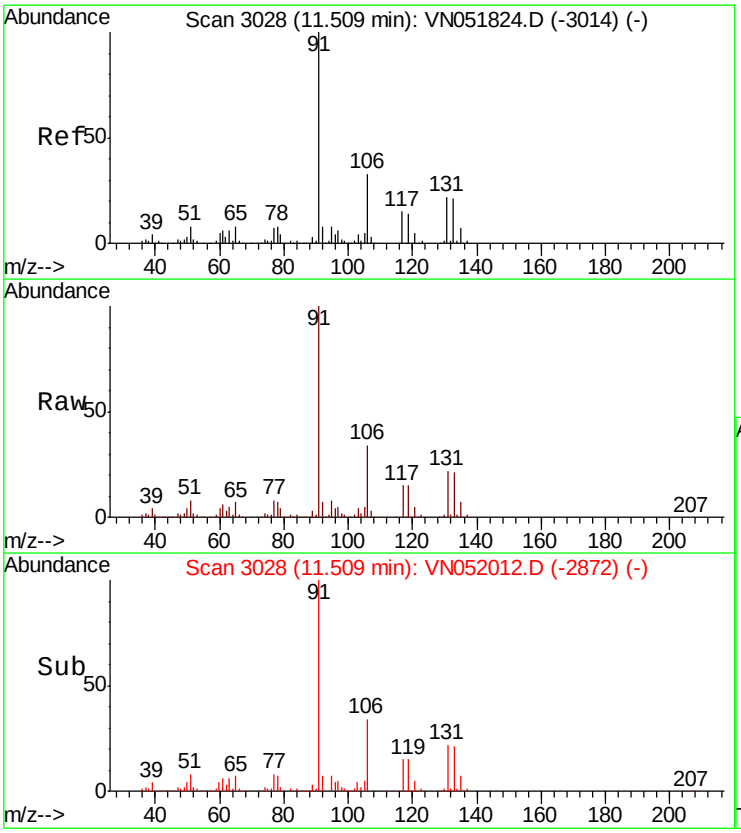
Tgt Ion:131 Resp: 236870

Ion	Ratio	Lower	Upper
131	100		
133	94.1	0.0	190.4
119	65.0	0.0	128.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

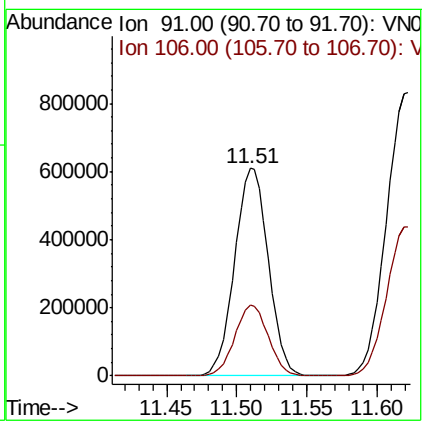
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

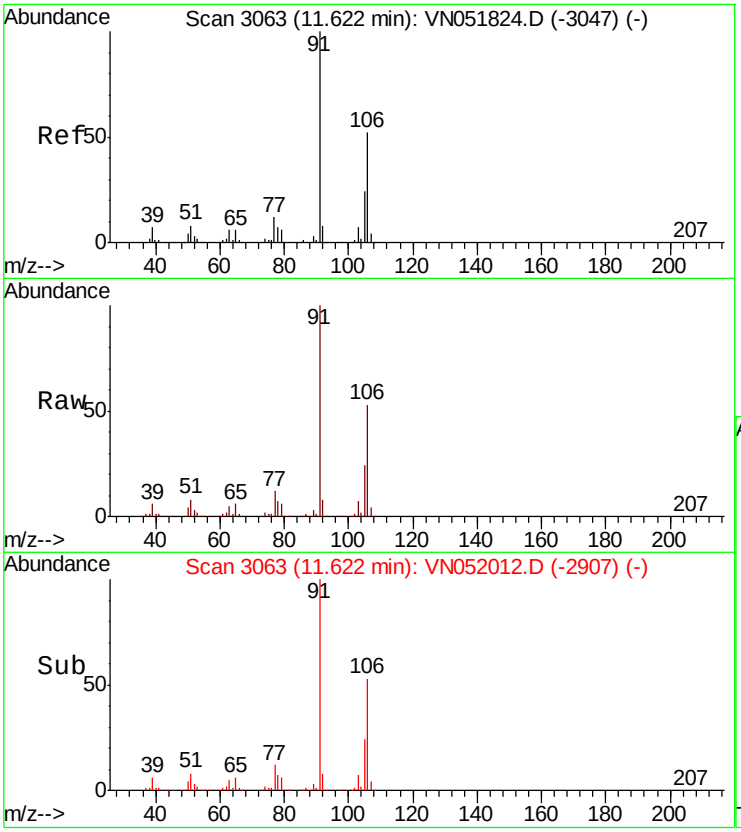


#66
Ethyl Benzene
Concen: 20.335 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 91 Resp: 1021537

Ion	Ratio	Lower	Upper
91	100		
106	34.3	25.9	38.9





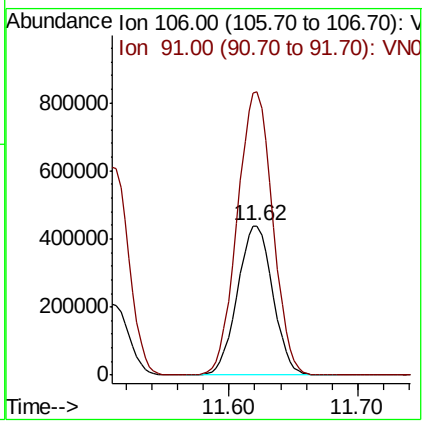
#67
m/p-Xylenes
Concen: 40.944 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

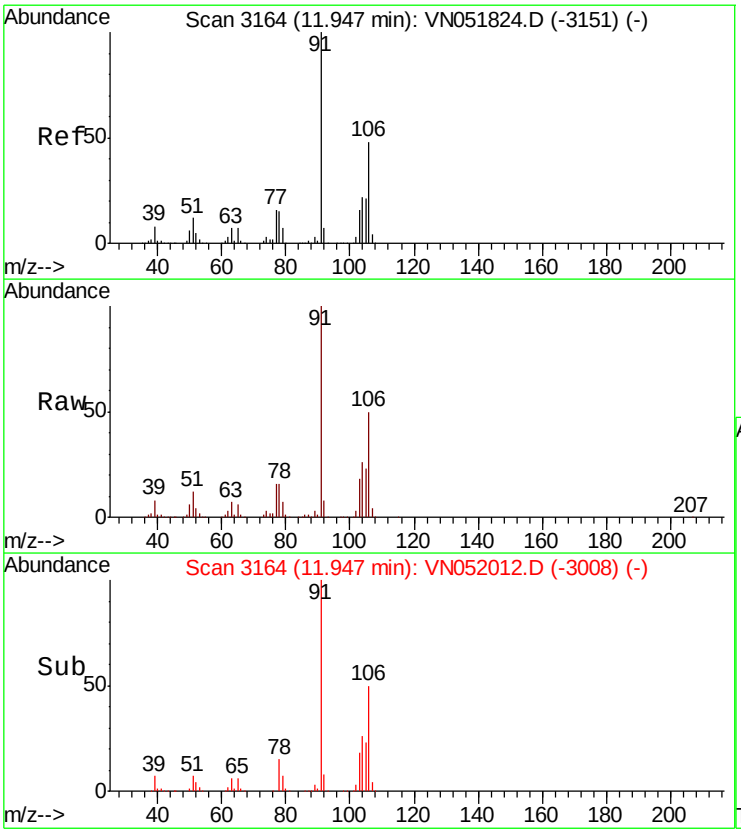
Tgt Ion:106 Resp: 833877

Ion	Ratio	Lower	Upper
106	100		
91	191.0	158.8	238.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

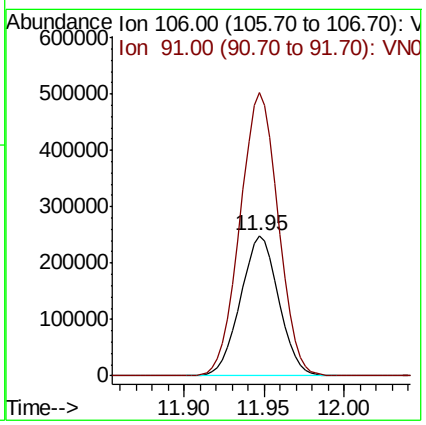


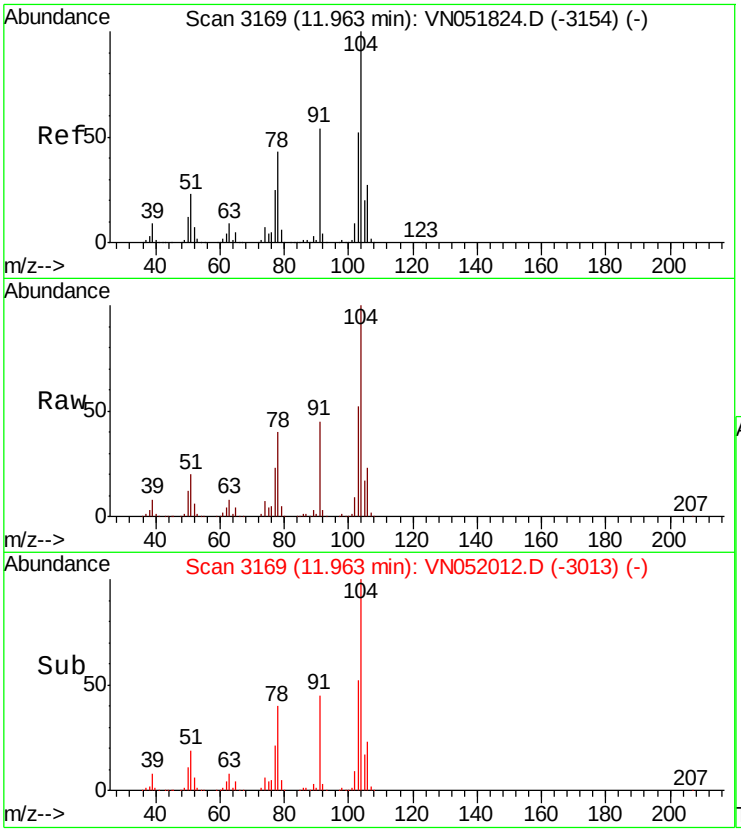


#68
o-Xylene
Concen: 20.227 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:106 Resp: 406107

Ion	Ratio	Lower	Upper
106	100		
91	201.8	111.1	333.3

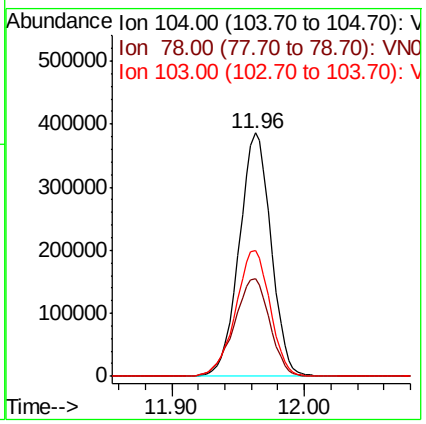




#69
Stvrene
Concen: 20.887 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

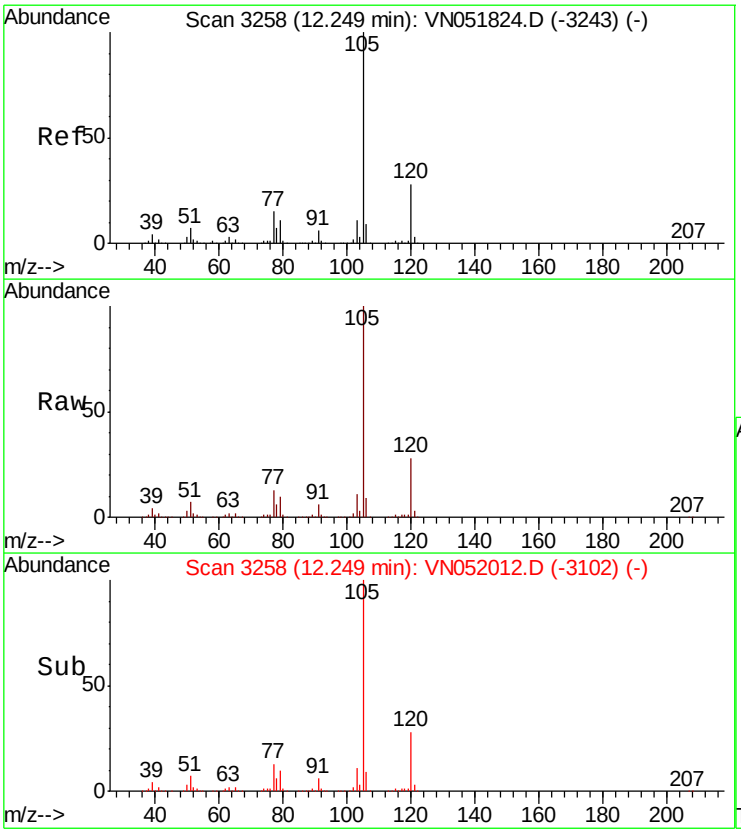
Tgt Ion:104 Resp: 643424

Ion	Ratio	Lower	Upper
104	100		
78	44.6	40.6	60.8
103	55.9	44.0	66.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

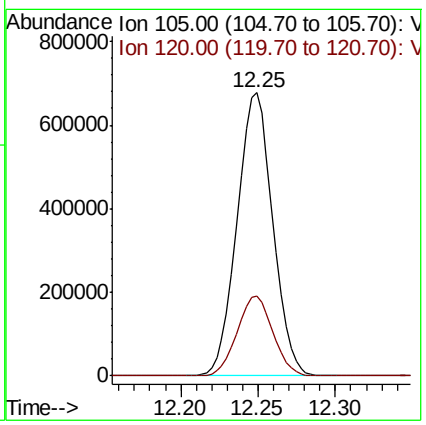
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

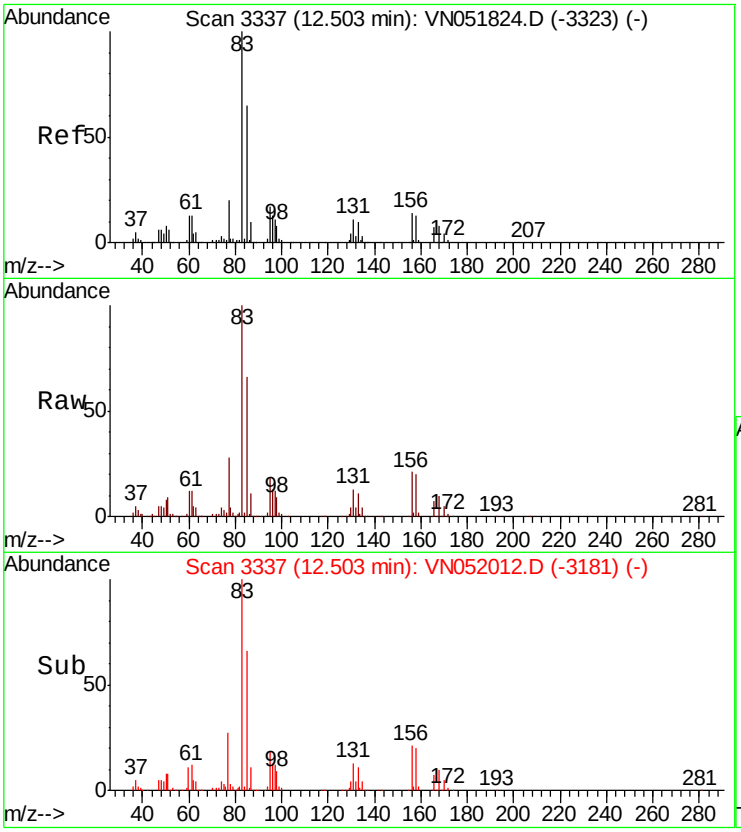


#70
Isopropylbenzene
Concen: 20.297 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:105 Resp: 1086702

Ion	Ratio	Lower	Upper
105	100		
120	28.3	19.0	35.4

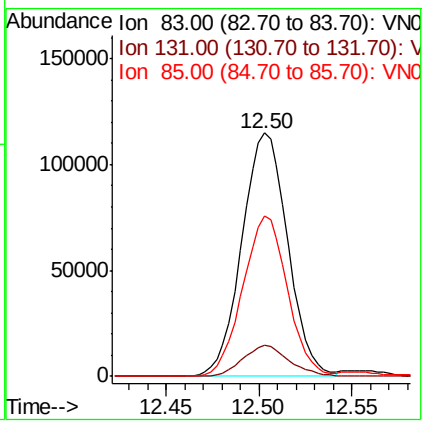




#71
1,1,2,2-Tetrachloroethane
Concen: 18.667 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

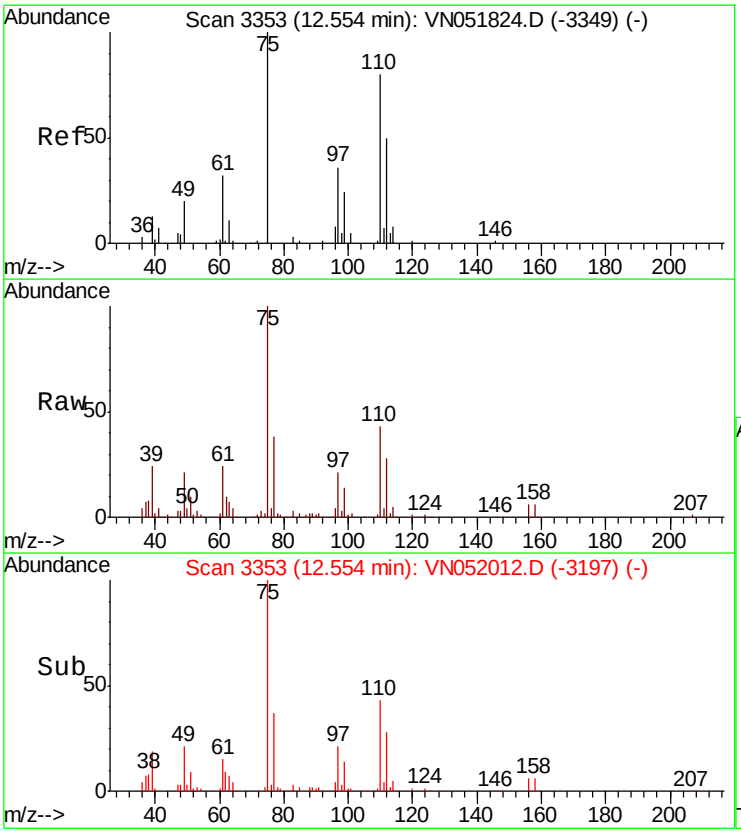
Tgt Ion: 83 Resp: 197374

Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.5	16.4
85	64.0	30.6	91.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

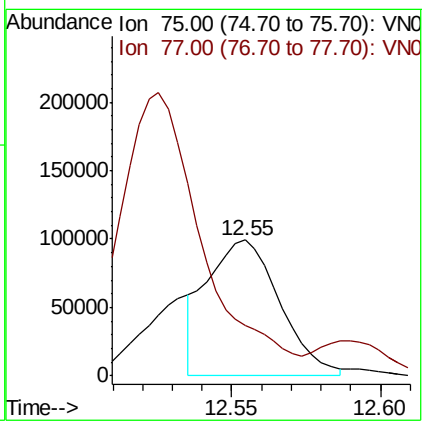
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

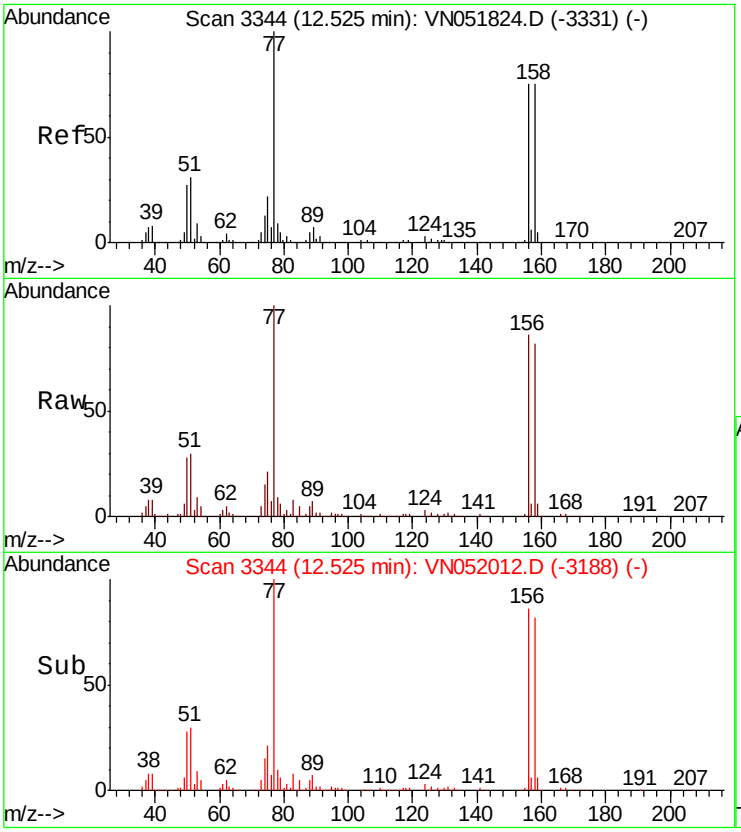


#72
1,2,3-Trichloropropane
Concen: 20.344 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 75 Resp: 169221

Ion	Ratio	Lower	Upper
75	100		
77	238.4	0.0	400.0

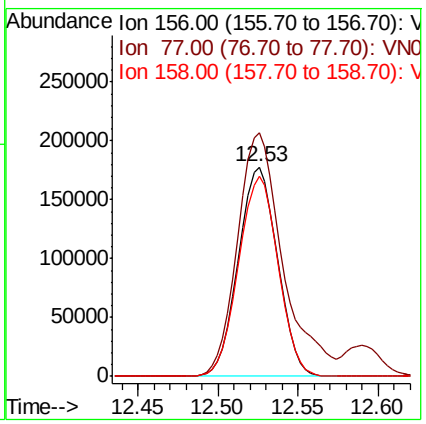




#73
Bromobenzene
Concen: 22.412 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

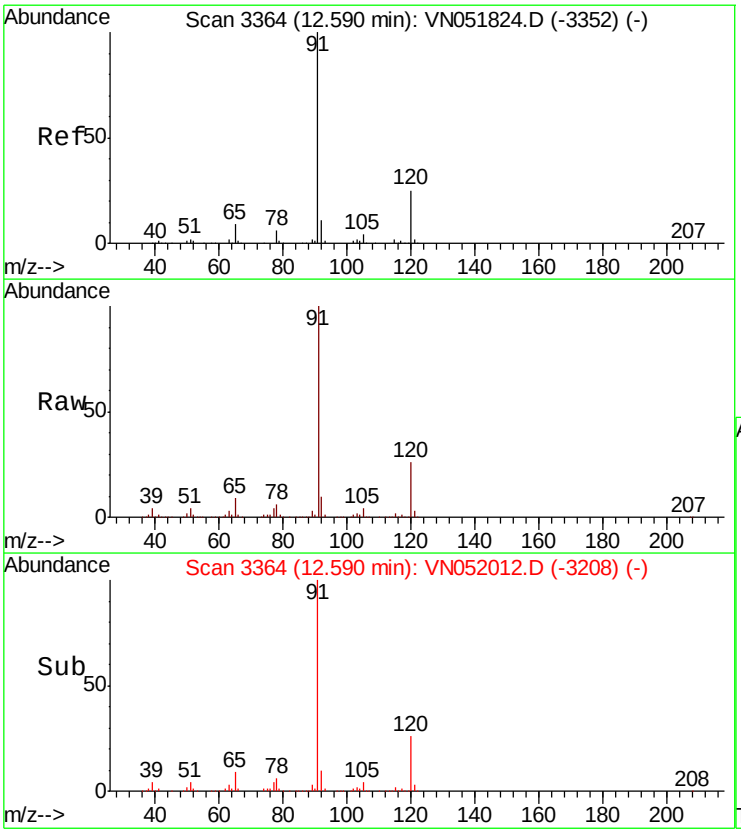
Tgt Ion:156 Resp: 297219

Ion	Ratio	Lower	Upper
156	100		
77	135.7	0.0	377.4
158	96.4	0.0	203.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

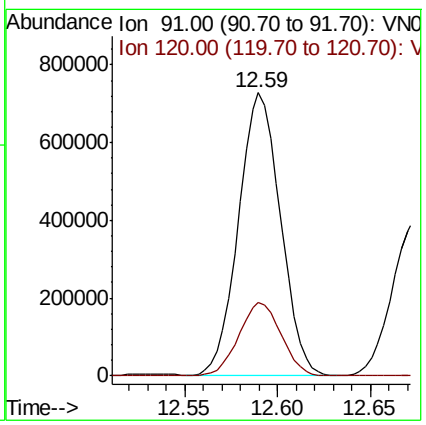
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

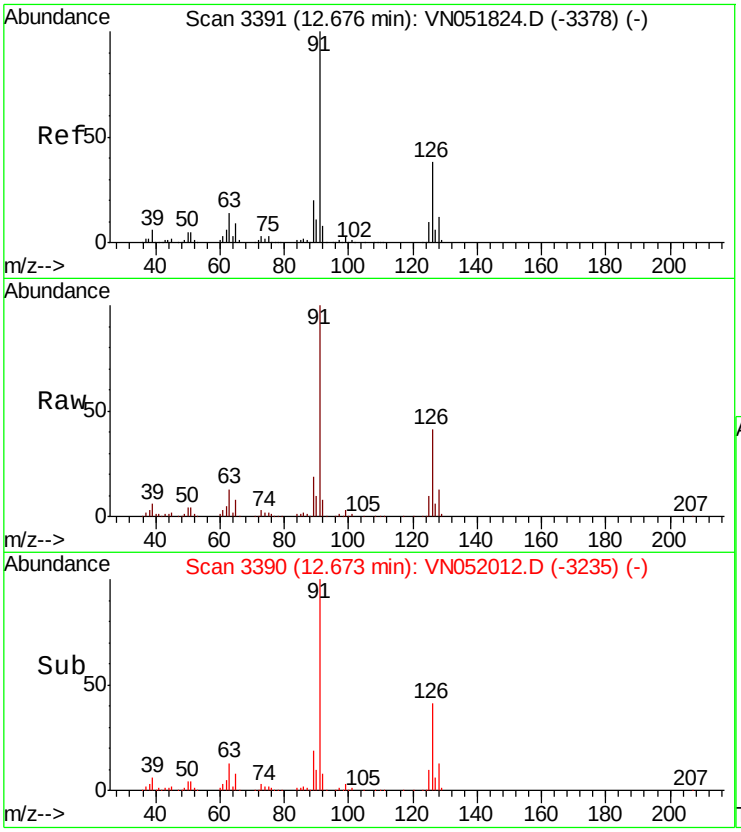


#74
n-propylbenzene
Concen: 19.878 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 91 Resp: 1144792

Ion	Ratio	Lower	Upper
91	100		
120	26.2	0.0	45.0

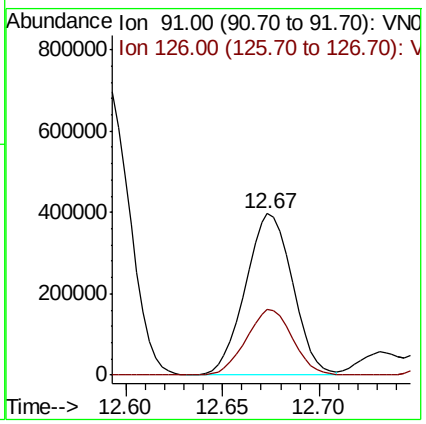




#75
2-Chlorotoluene
Concen: 20.000 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

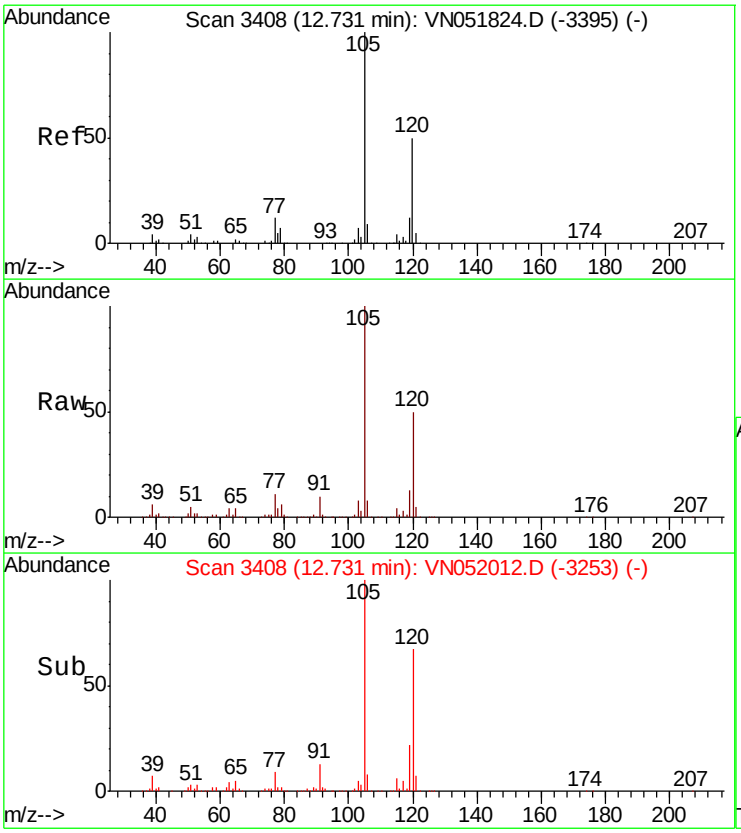
Tgt Ion: 91 Resp: 675268

Ion	Ratio	Lower	Upper
91	100		
126	39.8	0.0	67.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

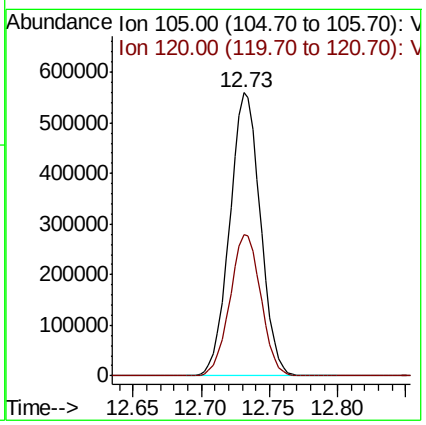
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

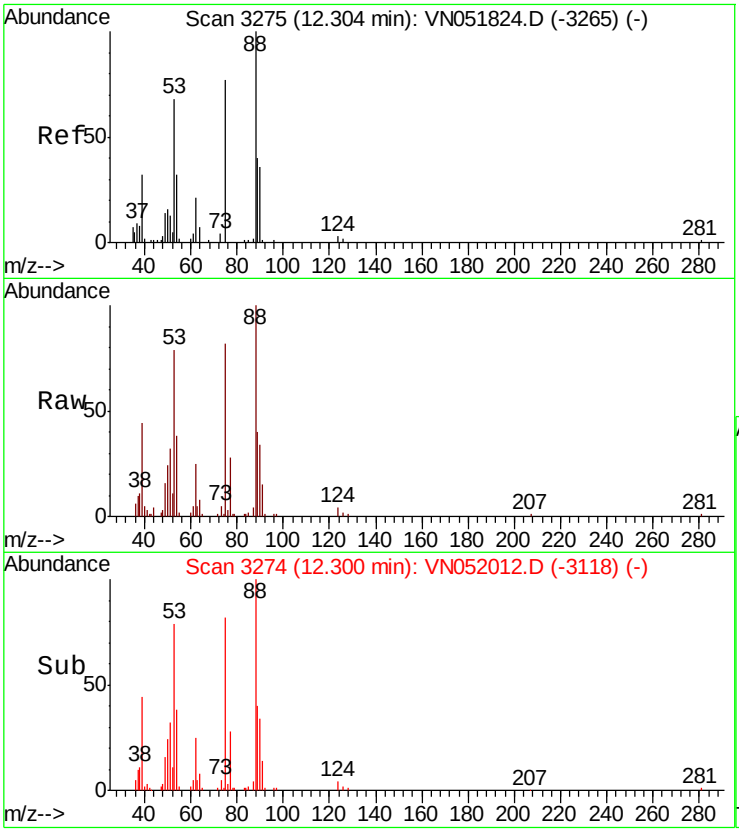


#76
1,3,5-Trimethylbenzene
Concen: 19.707 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:105 Resp: 872542

Ion	Ratio	Lower	Upper
105	100		
120	50.5	0.0	98.2

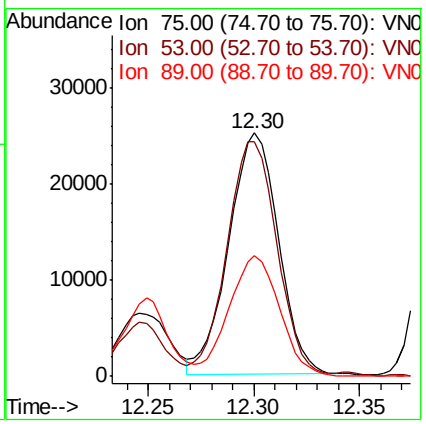




#77
t-1,4-Dichloro-2-butene
Concen: 14.937 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

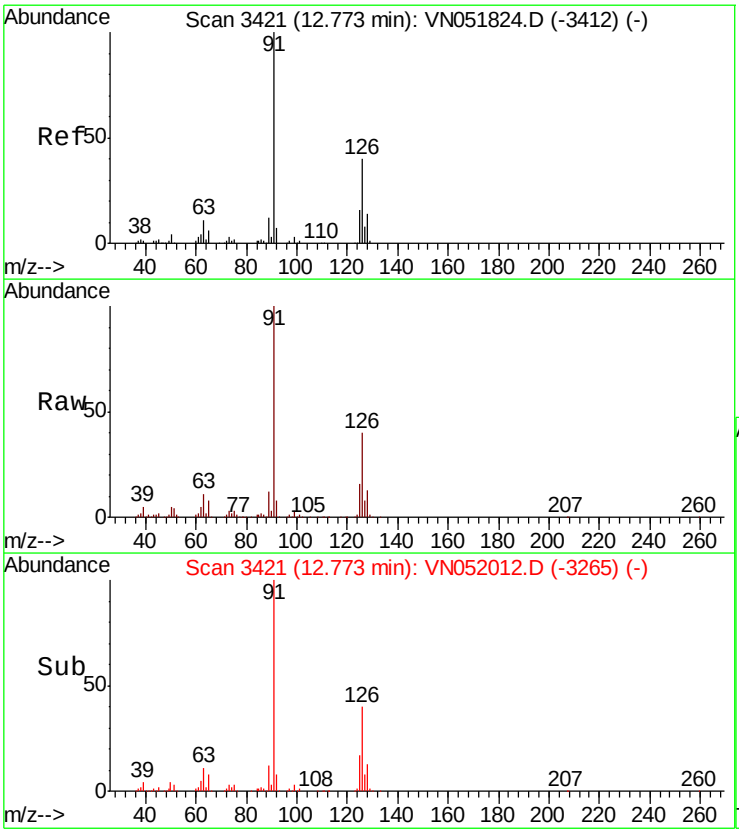
Tgt Ion: 75 Resp: 41091

Ion	Ratio	Lower	Upper
75	100		
53	96.1	46.3	138.9
89	50.2	24.6	73.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

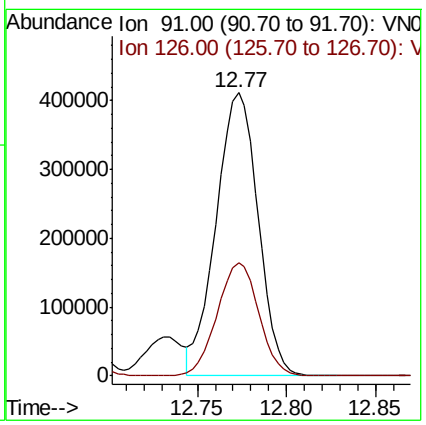
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

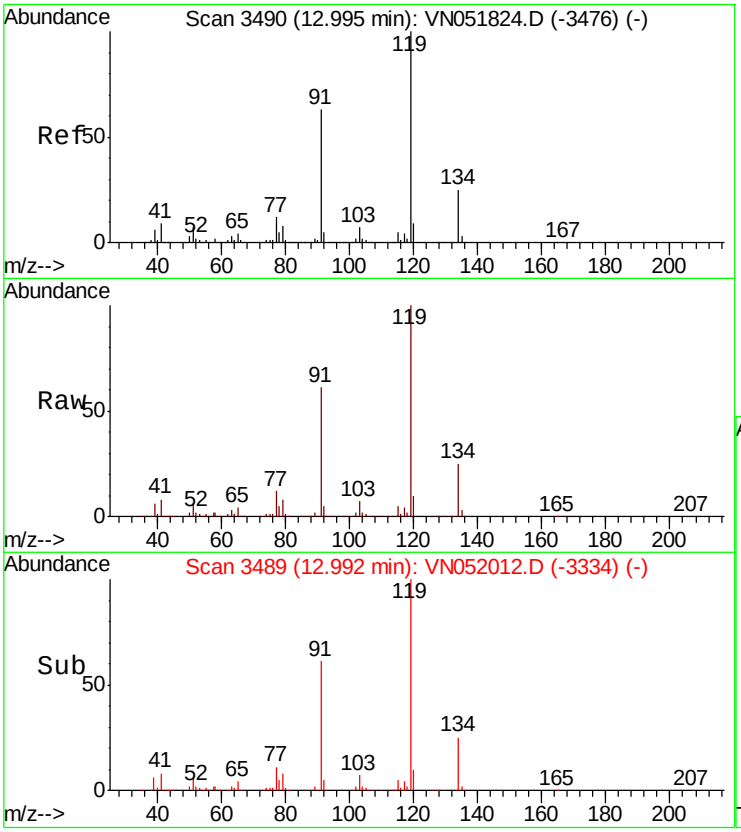


#78
4-Chlorotoluene
Concen: 20.333 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 91 Resp: 674501

Ion	Ratio	Lower	Upper
91	100		
126	39.7	0.0	65.2

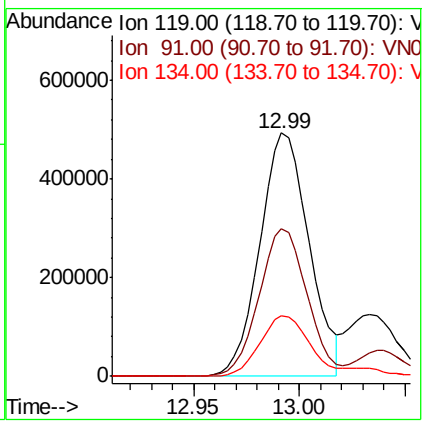




#79
tert-butylbenzene
Concen: 19.682 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

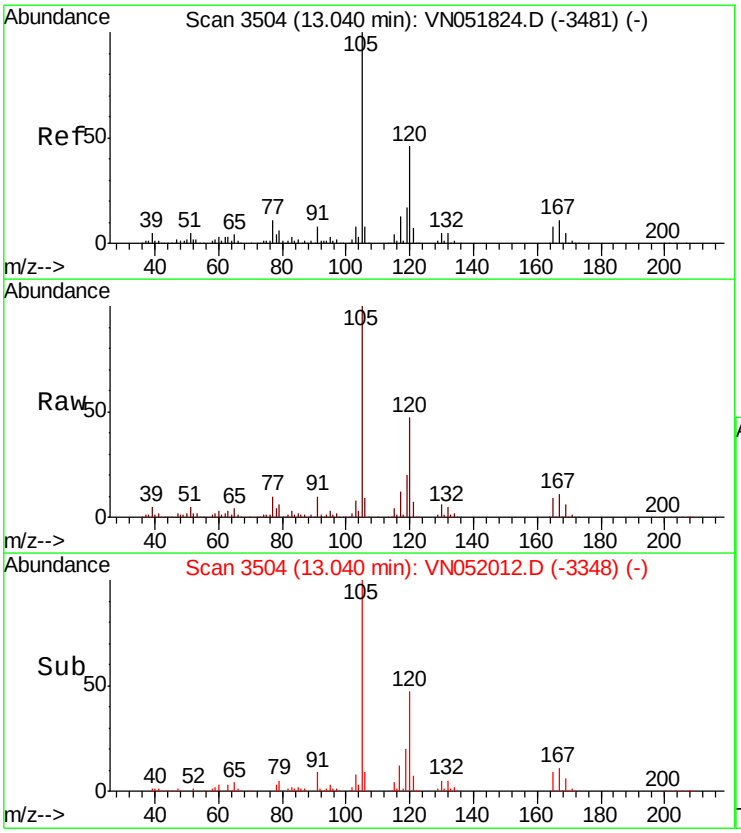
Tgt Ion:119 Resp: 801379

Ion	Ratio	Lower	Upper
119	100		
91	59.4	0.0	131.6
134	25.1	0.0	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

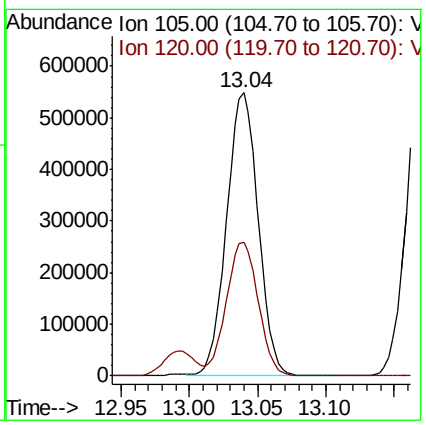
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

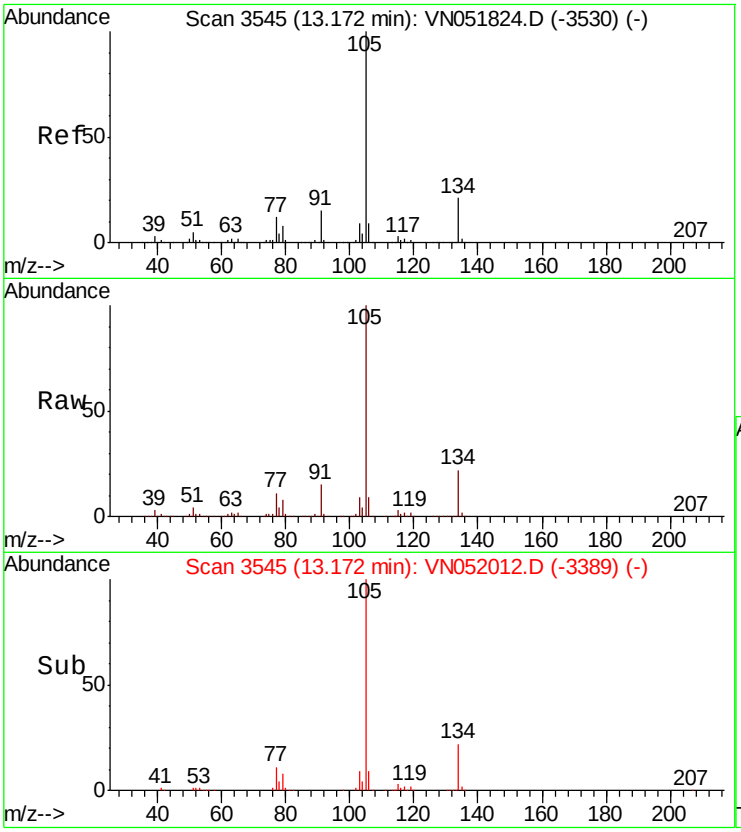


#80
1,2,4-Trimethylbenzene
Concen: 19.925 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:105 Resp: 881655

Ion	Ratio	Lower	Upper
105	100		
120	47.7	0.0	89.6

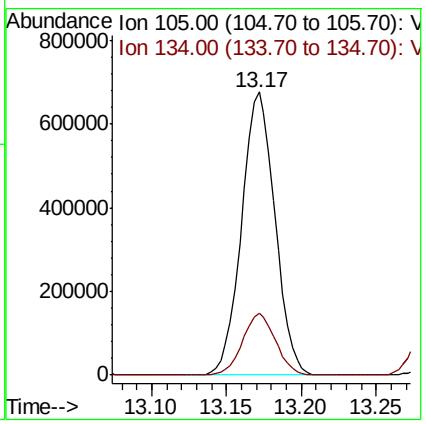




#81
sec-Butylbenzene
Concen: 19.710 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

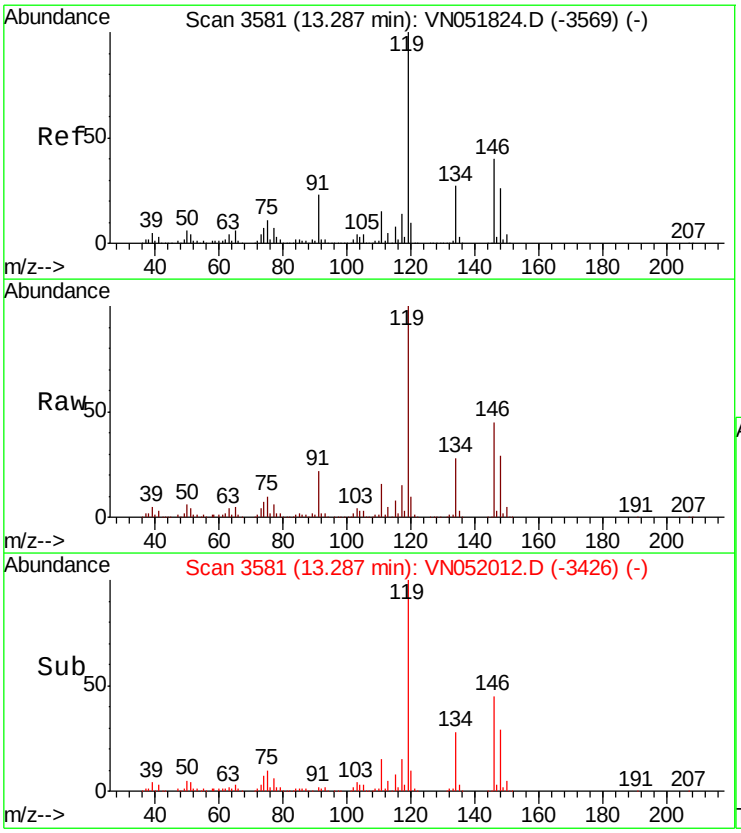
Tgt Ion:105 Resp: 1049841

Ion	Ratio	Lower	Upper
105	100		
134	21.6	0.0	39.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

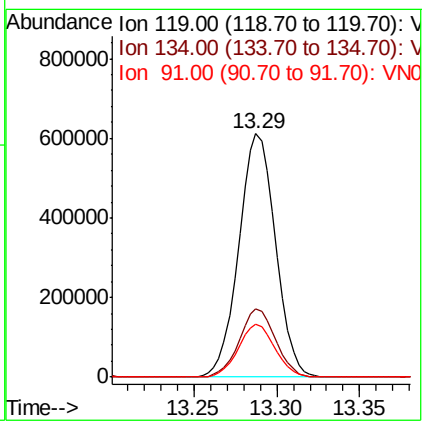
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

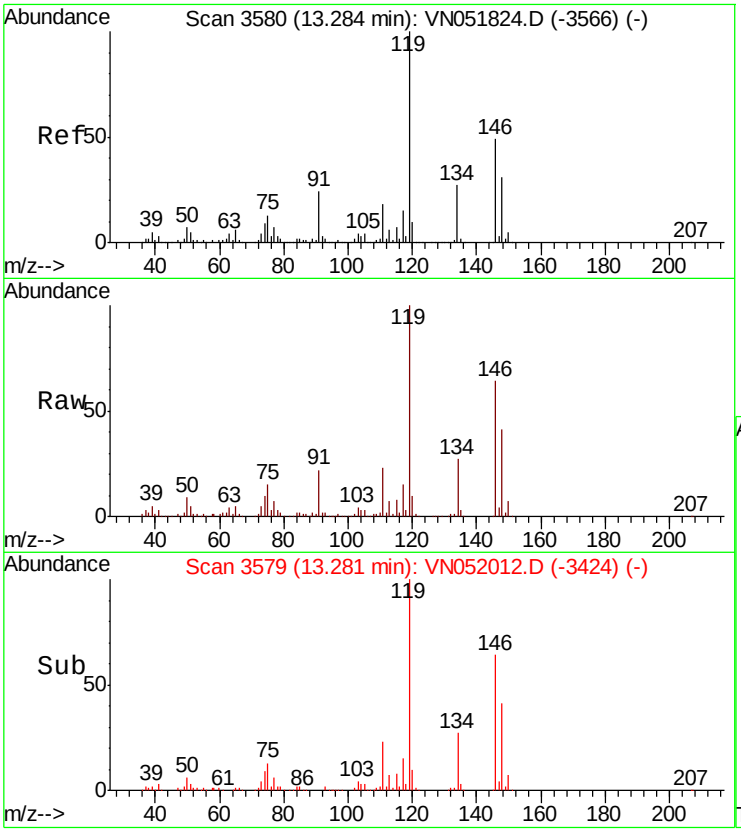


#82
p-Isopropyltoluene
Concen: 19.672 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:119 Resp: 937600

Ion	Ratio	Lower	Upper
119	100		
134	27.7	0.0	53.6
91	21.5	0.0	52.0

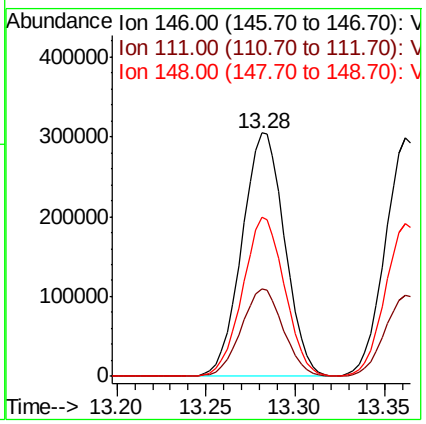




#83
1,3-Dichlorobenzene
Concen: 21.872 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

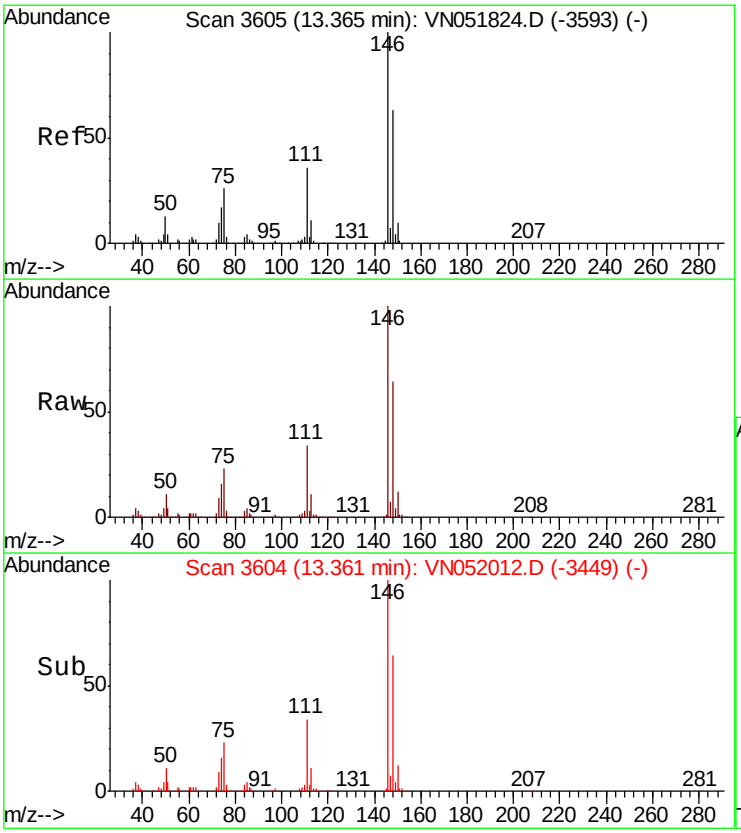
Tgt Ion:146 Resp: 511820

Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.1	54.3
148	64.1	31.3	93.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

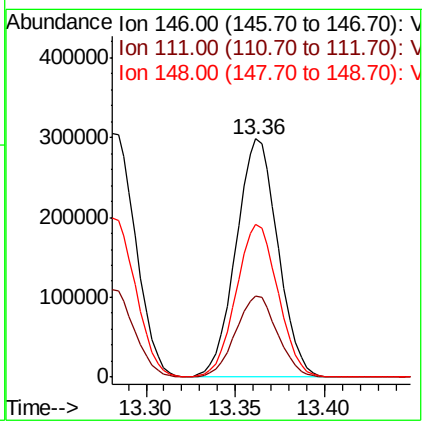
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

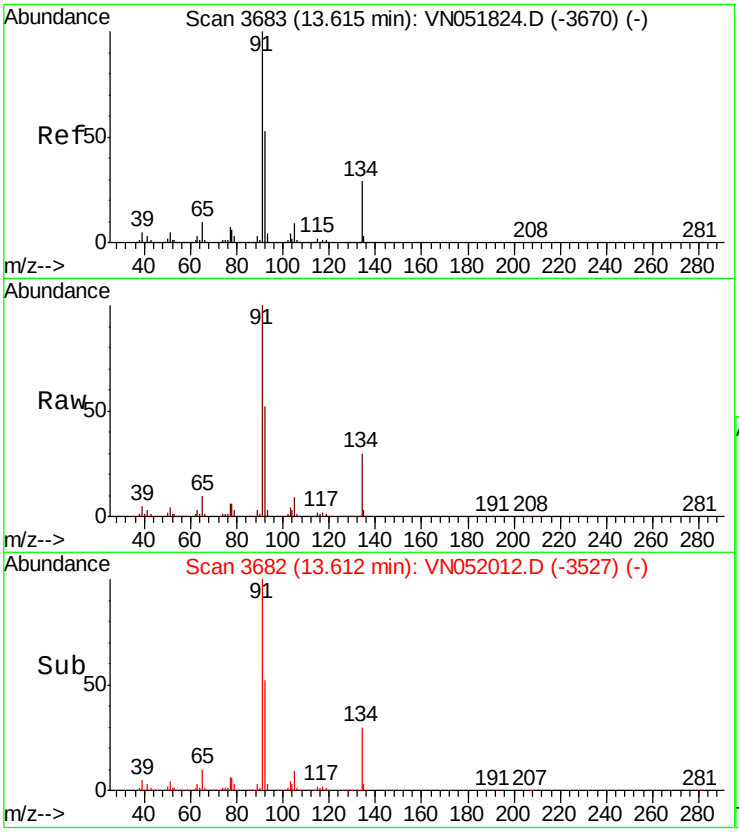


#84
1,4-Dichlorobenzene
Concen: 22.144 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:146 Resp: 487827

Ion	Ratio	Lower	Upper
146	100		
111	34.0	17.4	52.2
148	64.4	32.8	98.3

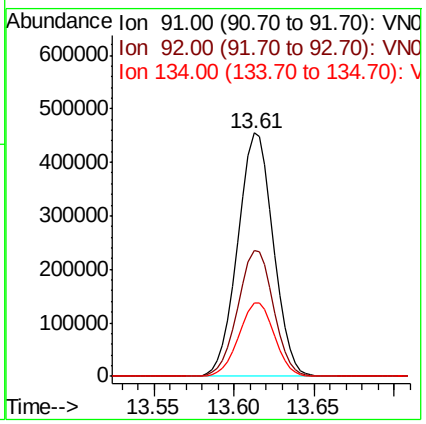




#85
n-Butylbenzene
Concen: 19.062 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

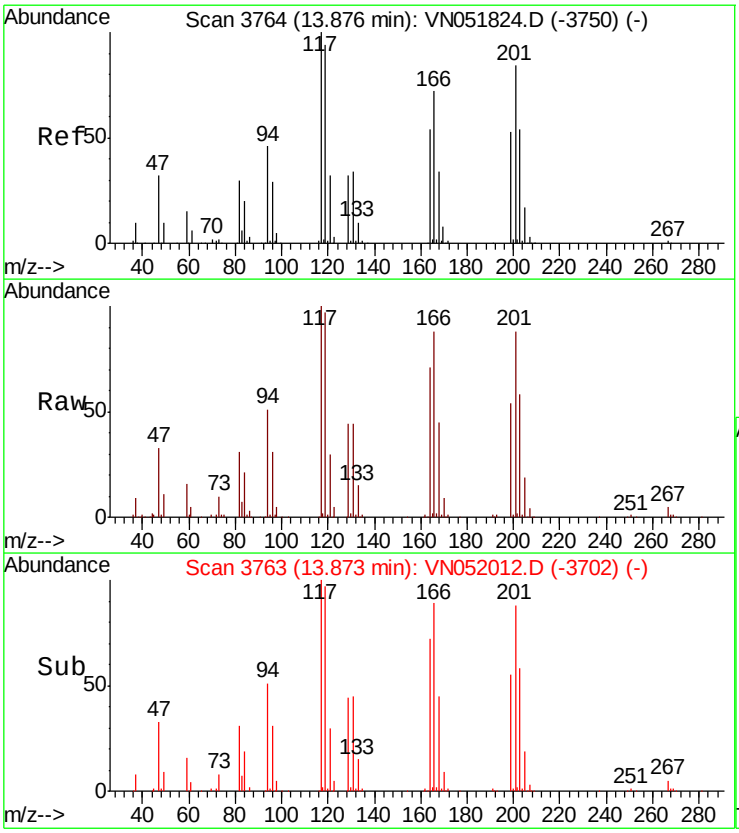
Tgt Ion: 91 Resp: 685126

Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	97.4
134	30.2	0.0	49.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

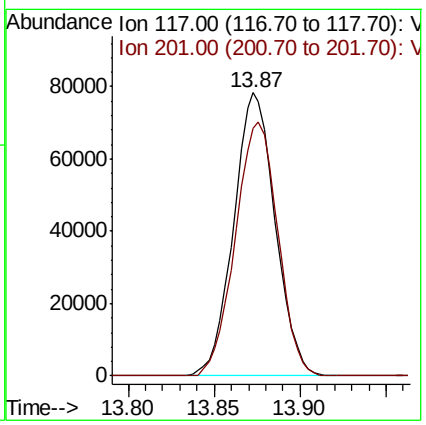
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

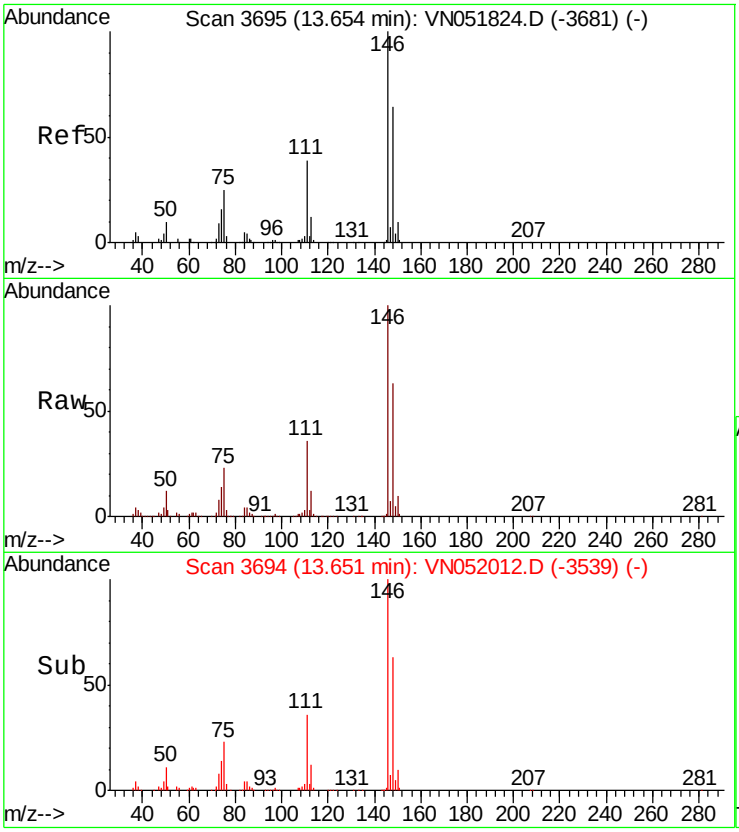


#86
Hexachloroethane
Concen: 15.976 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:117 Resp: 131292

Ion	Ratio	Lower	Upper
117	100		
201	91.5	47.8	143.3

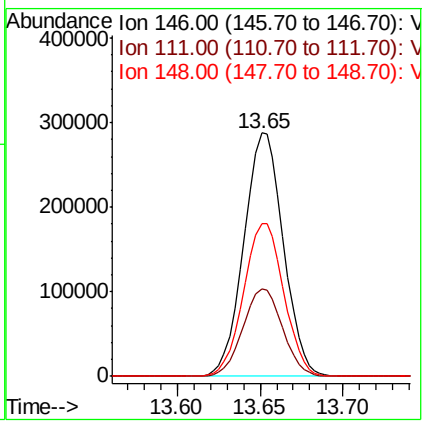




#87
1,2-Dichlorobenzene
Concen: 20.987 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

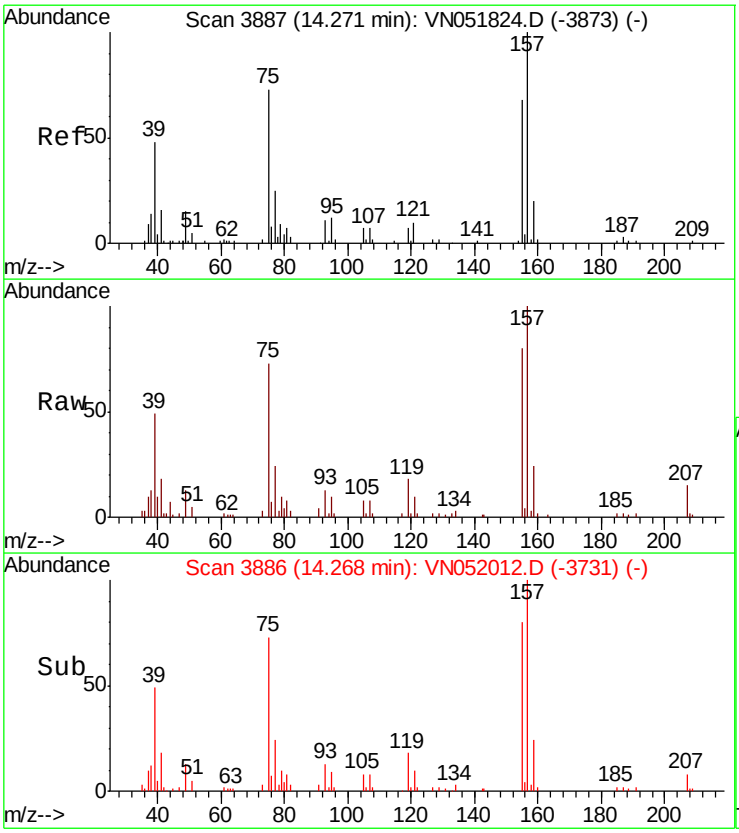
Tgt Ion:146 Resp: 475453

Ion	Ratio	Lower	Upper
146	100		
111	36.2	20.8	62.2
148	64.1	33.2	99.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

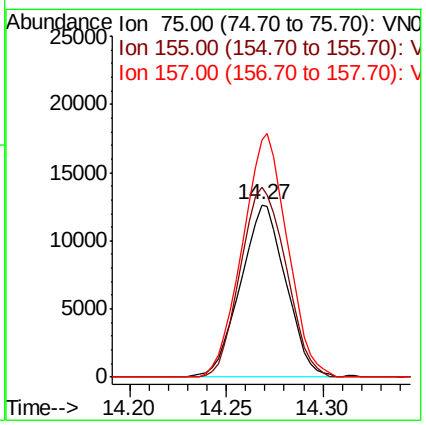
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

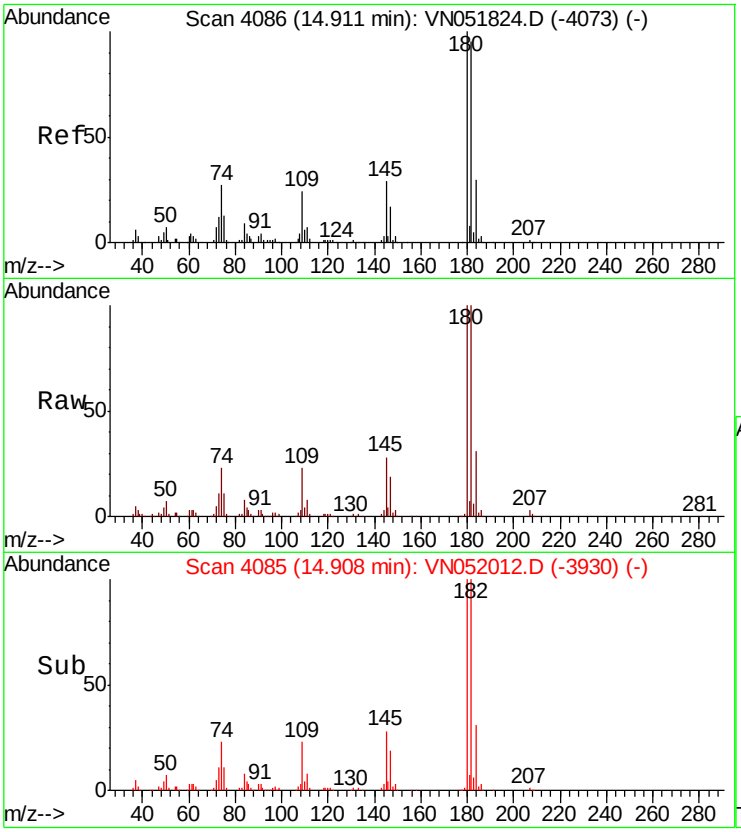


#88
1,2-Dibromo-3-Chloropropane
Concen: 13.078 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion: 75 Resp: 20651

Ion	Ratio	Lower	Upper
75	100		
155	111.7	57.0	85.6#
157	140.2	87.4	131.0#

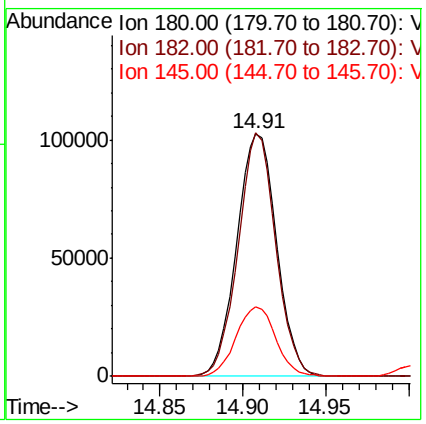




#89
1,2,4-Trichlorobenzene
Concen: 19.174 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

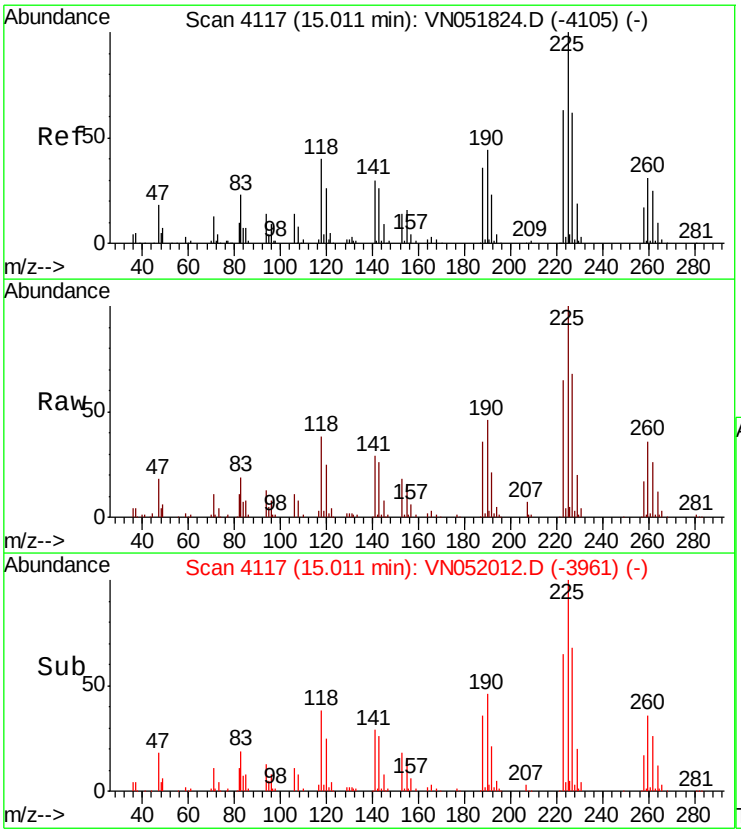
Tgt Ion:180 Resp: 171158

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.7	116.5
145	28.5	23.4	35.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

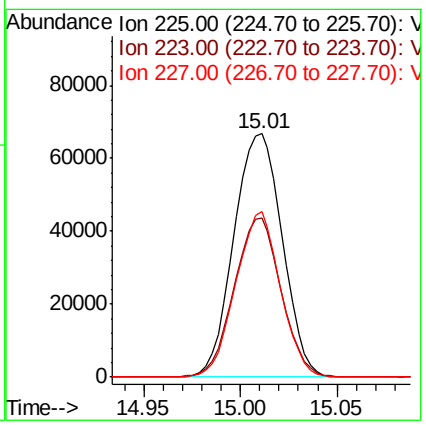
Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM

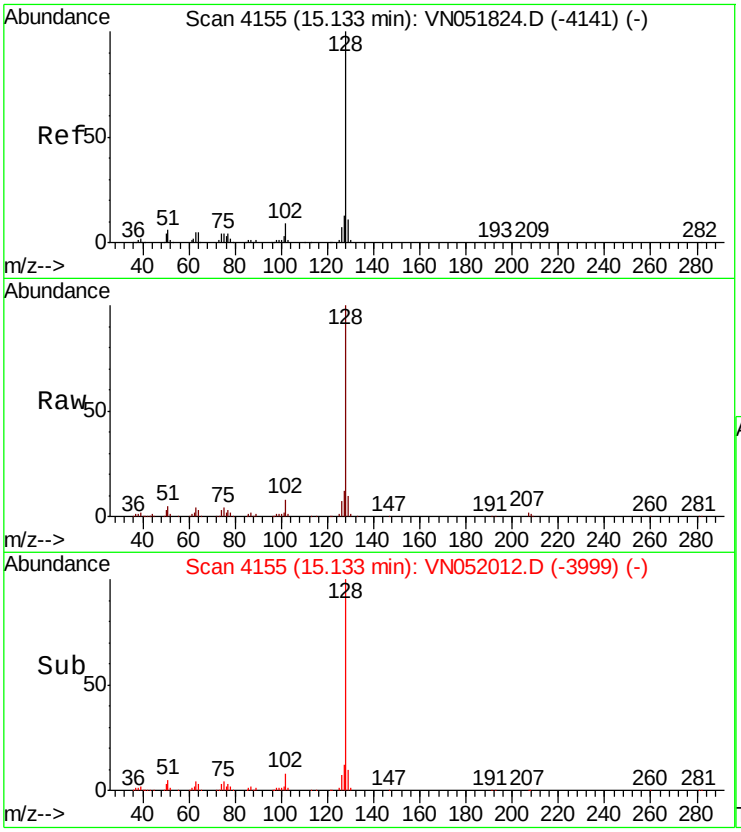


#90
Hexachlorobutadiene
Concen: 15.954 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:225 Resp: 116481

Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	117.0
227	62.4	0.0	127.0

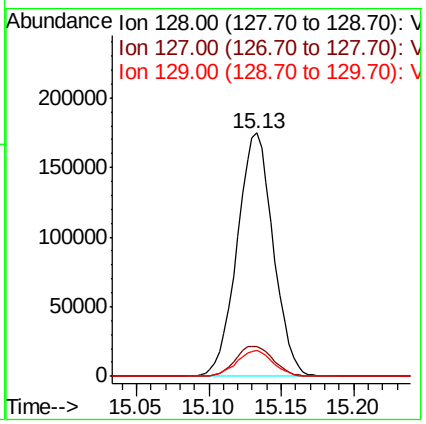




#91
Naphthalene
Concen: 18.275 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

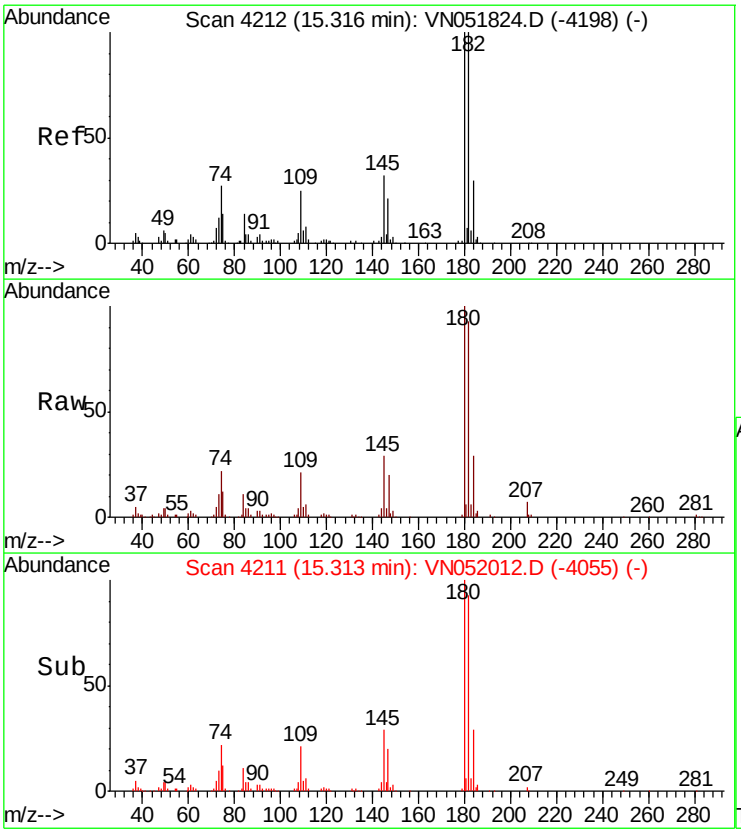
Tgt Ion:128 Resp: 301865

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.7	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Manual Integrations APPROVED
MMDadoda
10/26/2018 9:19:53 AM



#92
1,2,3-Trichlorobenzene
Concen: 13.174 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052012.D
Acq: 25 Oct 2018 15:21

Tgt Ion:180 Resp: 135784

Ion	Ratio	Lower	Upper
180	100		
182	96.6	0.0	198.0
145	30.4	0.0	36.8