Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008350.D
Acq On : 23 Mar 2019 14:42
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

Quant Time: Mar 23 15:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 14:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	201418	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	348617	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	312822	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153772	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	291396	96.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 192.12%				
35) Dibromofluoromethane	5.50	113	218879	93.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 187.58%				
50) Toluene-d8	8.71	98	869802	98.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 196.60%				
62) 4-Bromofluorobenzene	11.13	95	329149	108.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 216.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	220803	90.419	ug/l		99
3) Chloromethane	1.32	50	315765	103.050	ug/l		99
4) Vinyl Chloride	1.41	62	312774	102.377	ug/l		100
5) Bromomethane	1.64	94	193404	74.316	ug/l		100
6) Chloroethane	1.70	64	180189	94.066	ug/l		100
7) Trichlorofluoromethane	1.92	101	351835	90.239	ug/l		99
8) Diethyl Ether	2.19	74	166558	83.030	ug/l		88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209663	80.993	ug/l		89
10) Methyl Iodide	2.51	142	291123	88.324	ug/l		98
11) Tert butyl alcohol	3.07	59	343258	528.575	ug/l		100
12) 1,1-Dichloroethene	2.37	96	218309	89.328	ug/l		91
13) Acrolein	2.29	56	275149	555.882	ug/l		99
14) Allyl chloride	2.72	41	498086	93.624	ug/l		96
15) Acrylonitrile	3.15	53	839571	488.781	ug/l		99
16) Acetone	2.45	43	735885	427.713	ug/l		97
17) Carbon Disulfide	2.56	76	668653	84.845	ug/l		100
18) Methyl Acetate	2.78	43	358395	89.978	ug/l		98
19) Methyl tert-butyl Ether	3.20	73	801199	90.669	ug/l		98
20) Methylene Chloride	2.85	84	255128	88.926	ug/l		92
21) trans-1,2-Dichloroethene	3.16	96	231365	87.632	ug/l		93
22) Diisopropyl ether	3.86	45	957840	91.928	ug/l		94
23) Vinyl Acetate	3.82	43	4340958	485.942	ug/l		98
24) 1,1-Dichloroethane	3.70	63	480107	89.590	ug/l		99
25) 2-Butanone	4.68	43	1238815	487.778	ug/l		97
26) 2,2-Dichloropropane	4.58	77	330131	81.776	ug/l		97
27) cis-1,2-Dichloroethene	4.59	96	270885	90.002	ug/l		90
28) Bromochloromethane	5.01	49	240081	99.770	ug/l	#	79
29) Tetrahydrofuran	5.13	42	813839	512.605	ug/l		95
30) Chloroform	5.21	83	435490	86.875	ug/l		99
31) Cyclohexane	5.58	56	458778	91.168	ug/l		95
32) 1,1,1-Trichloroethane	5.49	97	356315	85.448	ug/l		96
36) 1,1-Dichloropropene	5.80	75	345121	85.030	ug/l		96
37) Ethyl Acetate	4.84	43	470834	98.132	ug/l		98
38) Carbon Tetrachloride	5.78	117	298328	82.493	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008350.D
Acq On : 23 Mar 2019 14:42
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

Quant Time: Mar 23 15:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 14:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	424934	86.999	ug/l		92
40) Benzene	6.14	78	1042663	86.793	ug/l		100
41) Methacrylonitrile	5.04	41	262754	97.631	ug/l		96
42) 1,2-Dichloroethane	6.19	62	367227	83.445	ug/l		96
43) Isopropyl Acetate	6.45	43	756630	98.384	ug/l		97
44) Trichloroethene	7.21	130	239009	81.368	ug/l		90
45) 1,2-Dichloropropane	7.51	63	295684	87.923	ug/l		99
46) Dibromomethane	7.66	93	171846	84.397	ug/l	#	85
47) Bromodichloromethane	7.90	83	348418	89.787	ug/l		99
48) Methyl methacrylate	7.77	41	382999	93.661	ug/l		94
49) 1,4-Dioxane	7.74	88	146130	2025.069	ug/l		92
51) 4-Methyl-2-Pentanone	8.65	43	2464737	495.734	ug/l		98
52) Toluene	8.79	92	621115	87.149	ug/l		98
53) t-1,3-Dichloropropene	9.04	75	405999	93.489	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	445823	92.573	ug/l		93
55) 1,1,2-Trichloroethane	9.21	97	254532	88.393	ug/l		97
56) Ethyl methacrylate	9.18	69	484671	105.222	ug/l		92
57) 1,3-Dichloropropane	9.37	76	453665	89.060	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	1293320	548.179	ug/l		92
59) 2-Hexanone	9.49	43	1913427	499.883	ug/l		97
60) Dibromochloromethane	9.59	129	257626	93.094	ug/l		99
61) 1,2-Dibromoethane	9.67	107	265064	88.157	ug/l		99
64) Tetrachloroethene	9.34	164	193120	68.428	ug/l		95
65) Chlorobenzene	10.14	112	637183	82.780	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	229582	85.546	ug/l		98
67) Ethyl Benzene	10.25	91	1213704	89.479	ug/l		97
68) m/p-Xylenes	10.36	106	888538	178.326	ug/l		94
69) o-Xylene	10.70	106	429956	88.803	ug/l		94
70) Styrene	10.71	104	760158	96.608	ug/l		96
71) Bromoform	10.85	173	194716	95.382	ug/l	#	100
73) Isopropylbenzene	11.02	105	1124940	82.073	ug/l		98
74) N-amyl acetate	10.90	43	713776	99.394	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.27	83	443793	90.296	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	366182m	84.666	ug/l		
77) Bromobenzene	11.26	156	272379	82.190	ug/l		81
78) n-propylbenzene	11.36	91	1350963	84.862	ug/l		95
79) 2-Chlorotoluene	11.42	91	800464	83.774	ug/l		94
80) 1,3,5-Trimethylbenzene	11.51	105	986500	87.118	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.07	75	157951	104.460	ug/l		96
82) 4-Chlorotoluene	11.51	91	949770	85.420	ug/l		94
83) tert-Butylbenzene	11.77	119	953656	88.210	ug/l		95
84) 1,2,4-Trimethylbenzene	11.80	105	992407	86.448	ug/l		97
85) sec-Butylbenzene	11.94	105	1123097	83.886	ug/l		96
86) p-Isopropyltoluene	12.06	119	1023452	88.313	ug/l		96
87) 1,3-Dichlorobenzene	12.02	146	490862	82.880	ug/l		97
88) 1,4-Dichlorobenzene	12.10	146	495144	80.825	ug/l		97
89) n-Butylbenzene	12.38	91	1003037	92.216	ug/l		97
90) Hexachloroethane	12.60	117	174492	88.408	ug/l		79
91) 1,2-Dichlorobenzene	12.39	146	494043	82.731	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101201	92.706	ug/l		77

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008350.D
Acq On : 23 Mar 2019 14:42
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 23 15:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 14:52:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338184	85.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	159968	83.387	ug/l	99
95) Naphthalene	13.83	128	1170577	94.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	336088	86.835	ug/l	98

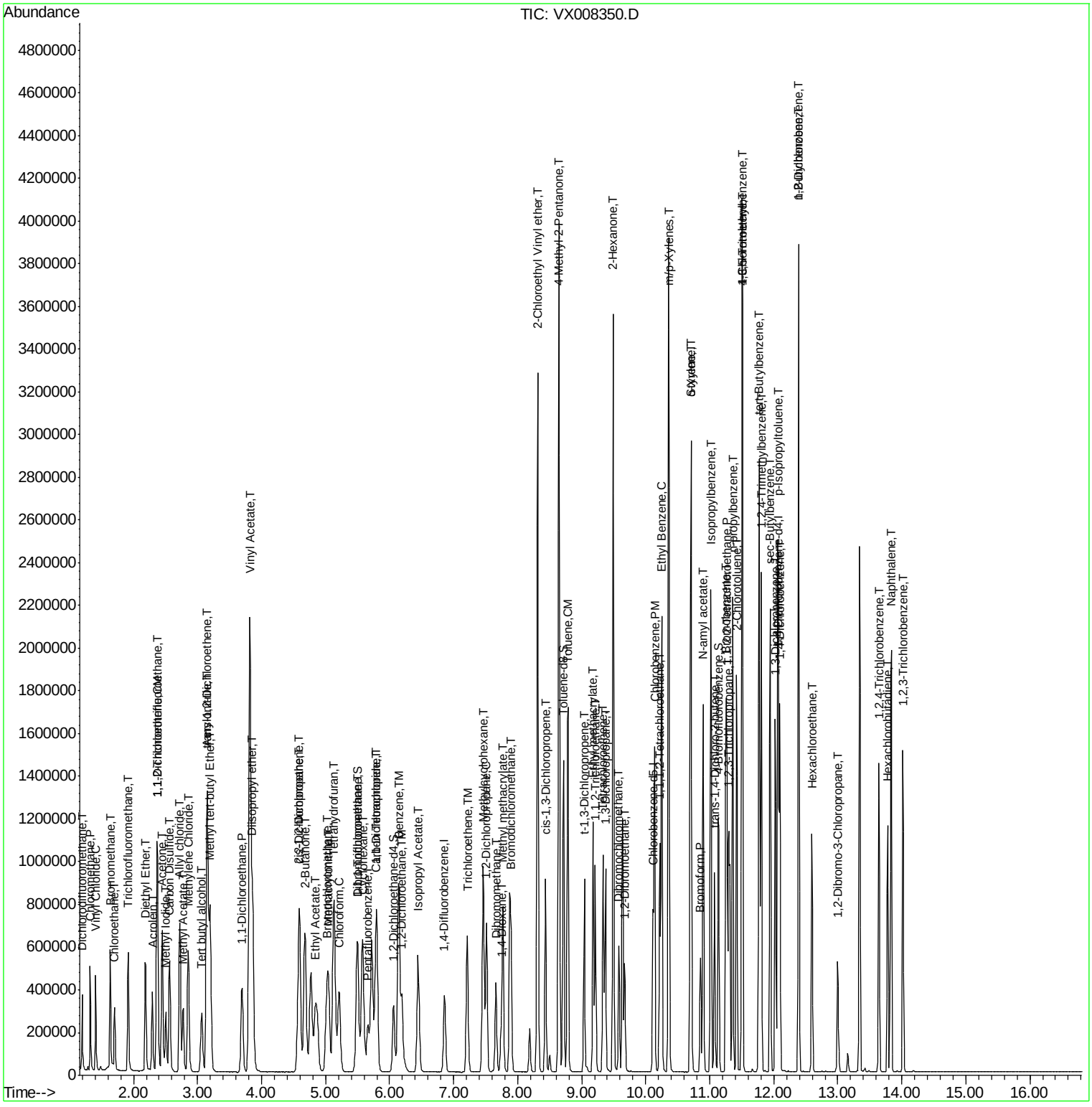
(#) = qualifier out of range (m) = manual integration (+) = signals summed

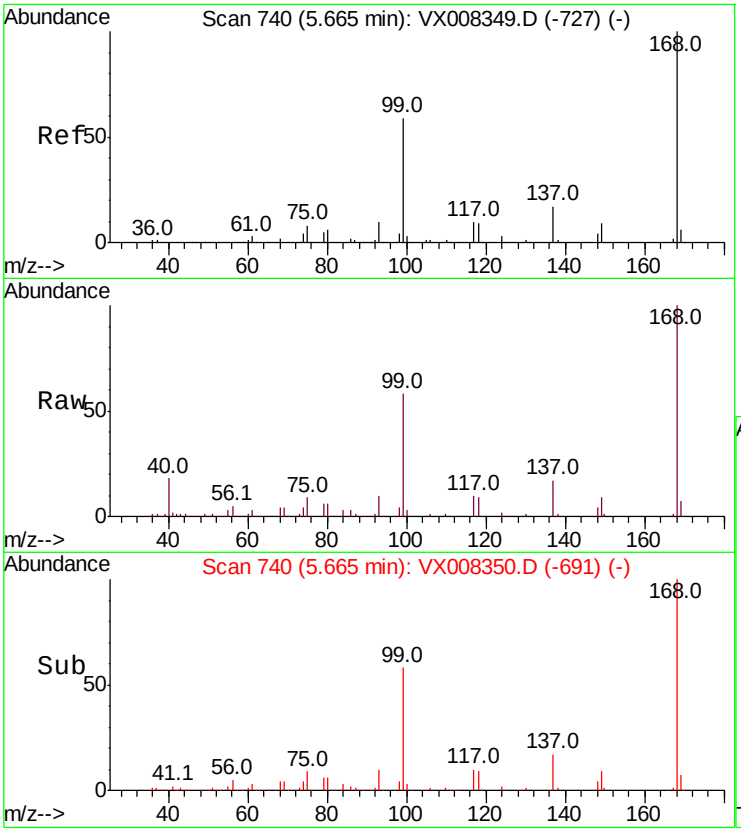
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008350.D
Acq On : 23 Mar 2019 14:42
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 23 15:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 14:52:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

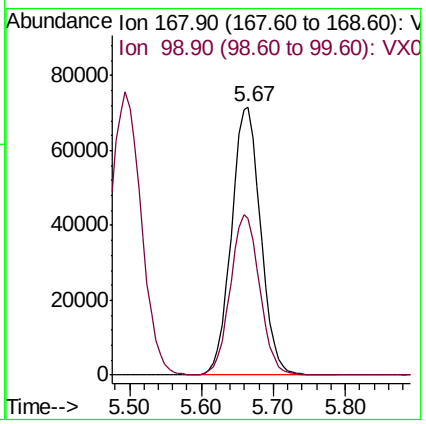




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

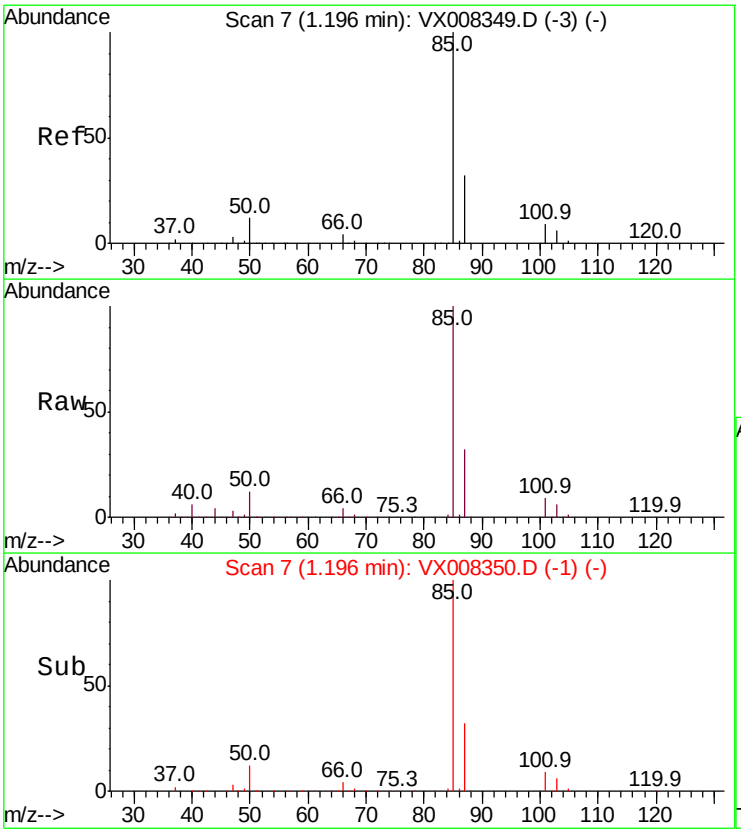
Tgt Ion:168 Resp: 201418

Ion	Ratio	Lower	Upper
168	100		
99	58.1	37.6	56.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

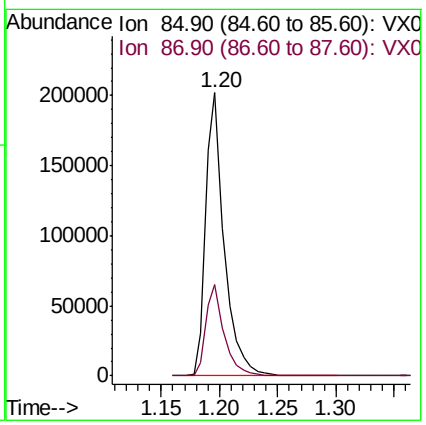
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

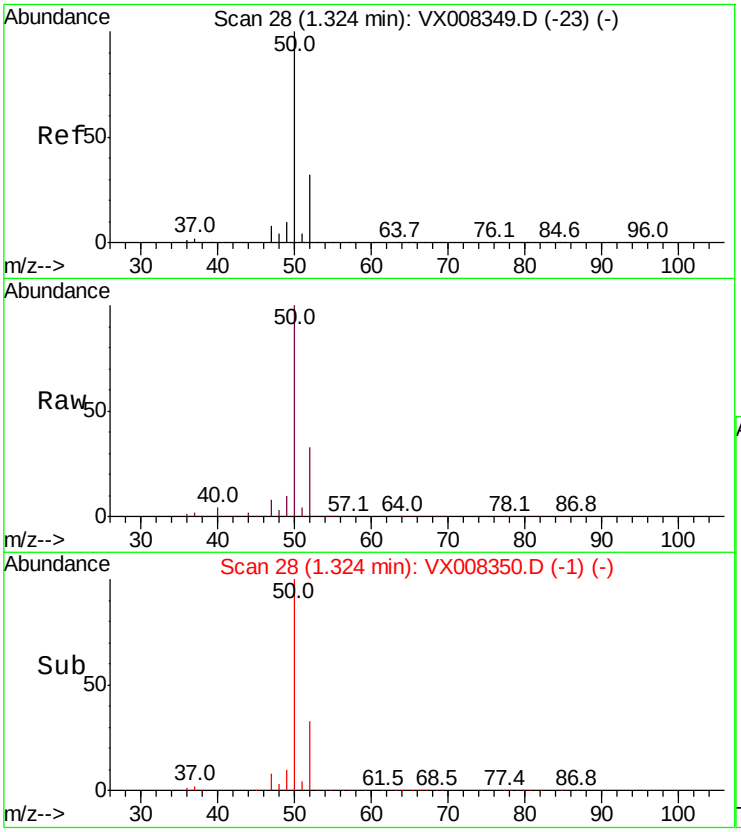


#2
Dichlorodifluoromethane
Concen: 90.419 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 85 Resp: 220803

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.1

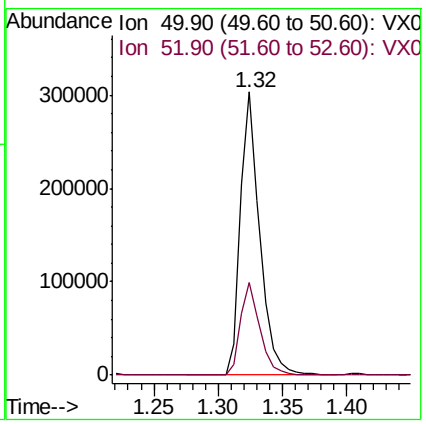




#3
Chloromethane
Concen: 103.050 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

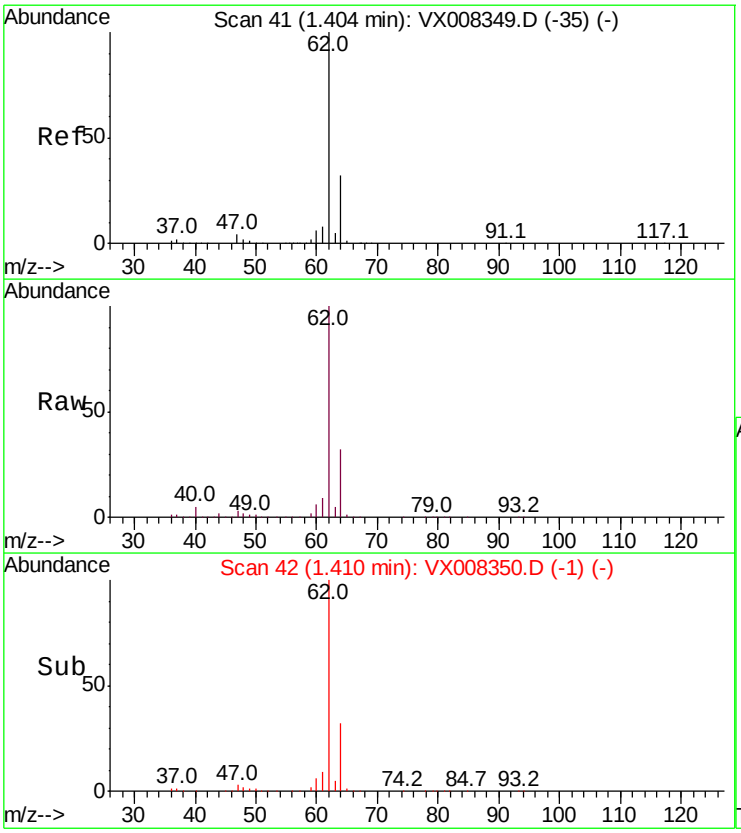
Tgt Ion: 50 Resp: 315765

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.5	39.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

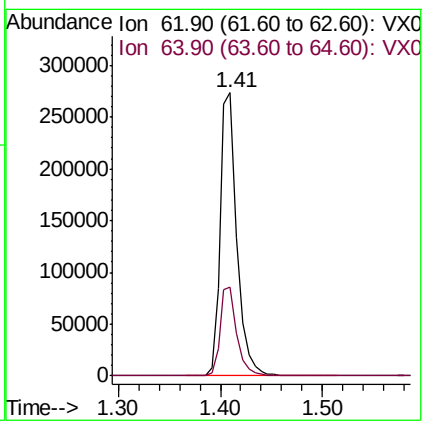
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

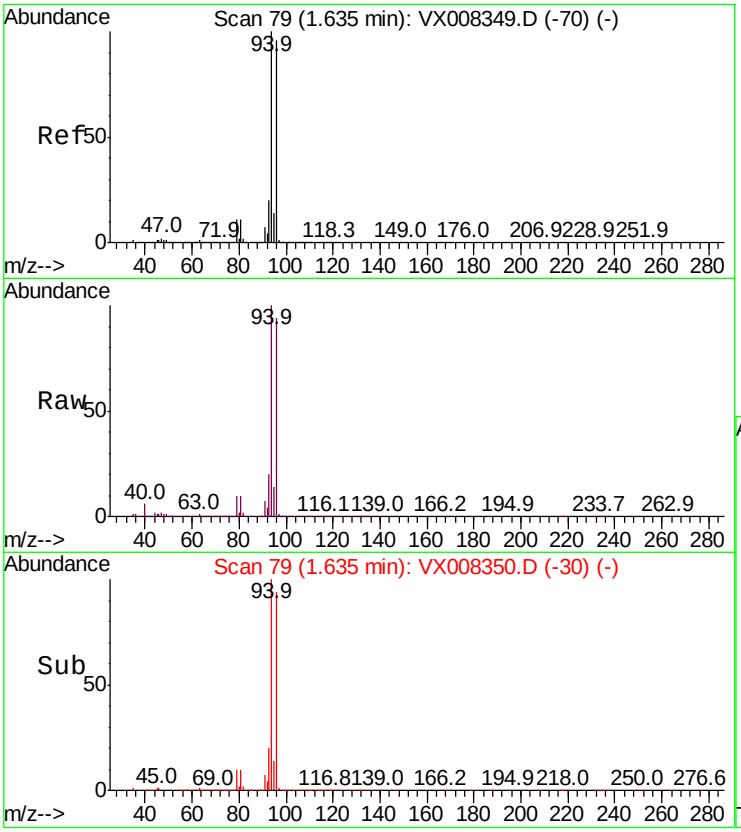


#4
Vinyl Chloride
Concen: 102.377 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 62 Resp: 312774

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.3	37.9

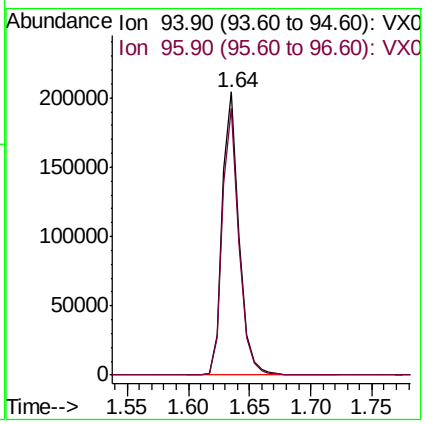




#5
Bromomethane
Concen: 74.316 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

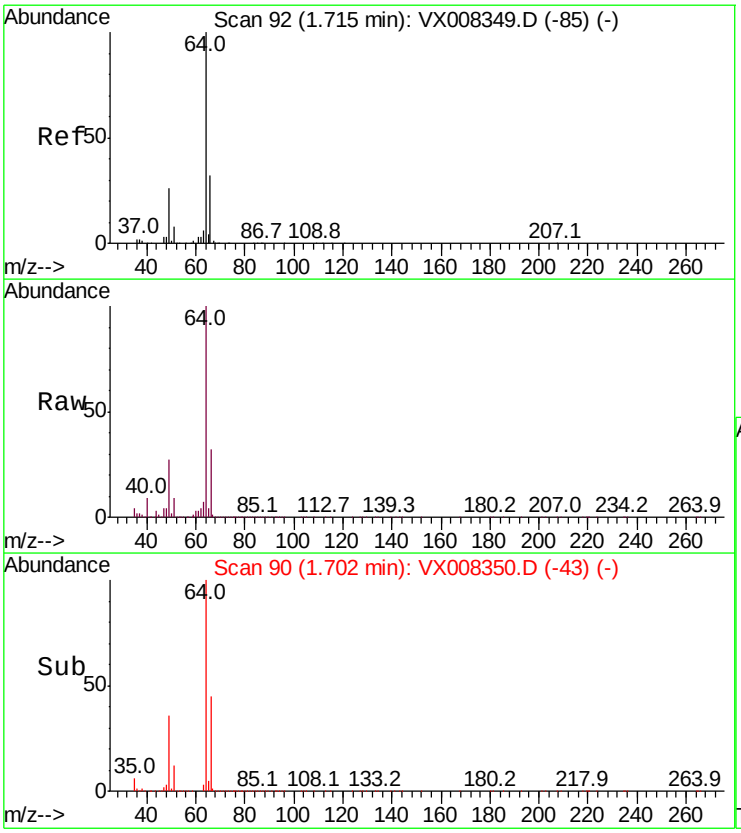
Tgt Ion: 94 Resp: 193404

Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.5	113.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

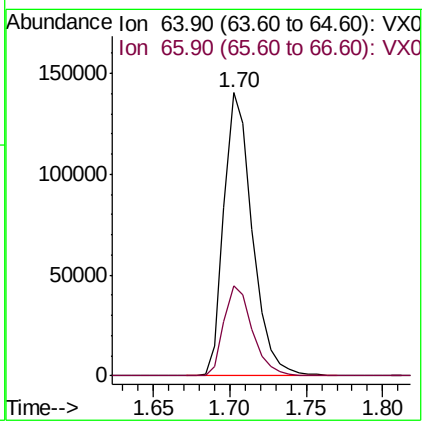
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

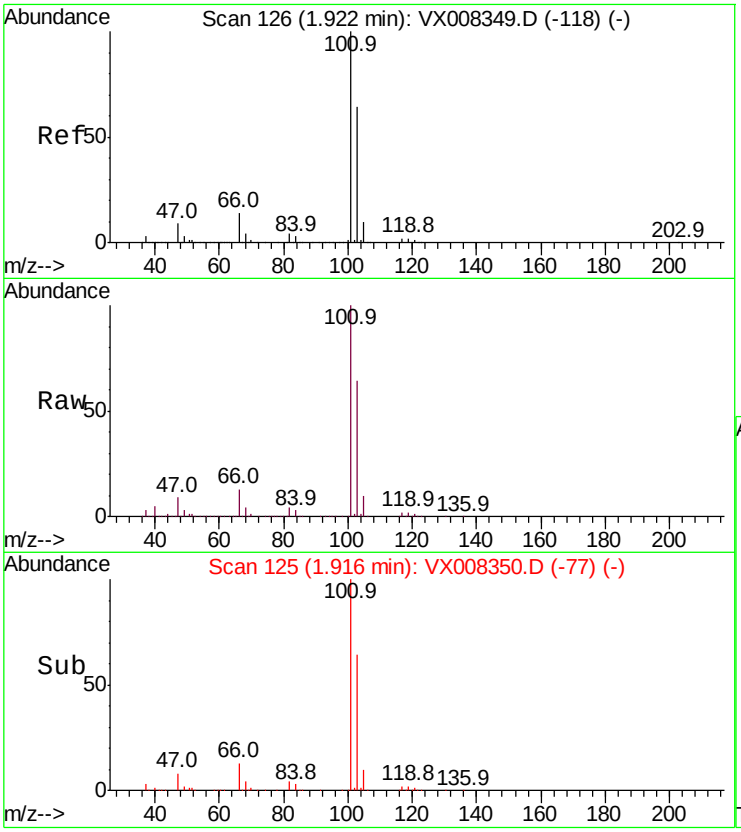


#6
Chloroethane
Concen: 94.066 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 64 Resp: 180189

Ion	Ratio	Lower	Upper
64	100		
66	31.7	25.2	37.8

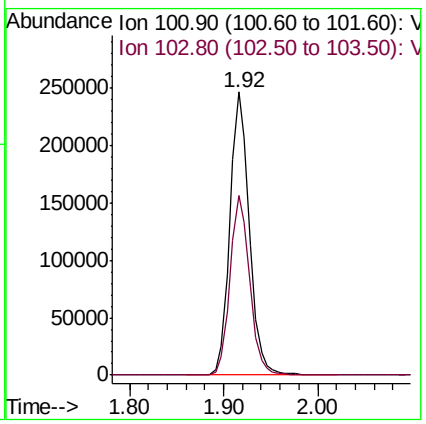




#7
Trichlorofluoromethane
Concen: 90.239 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

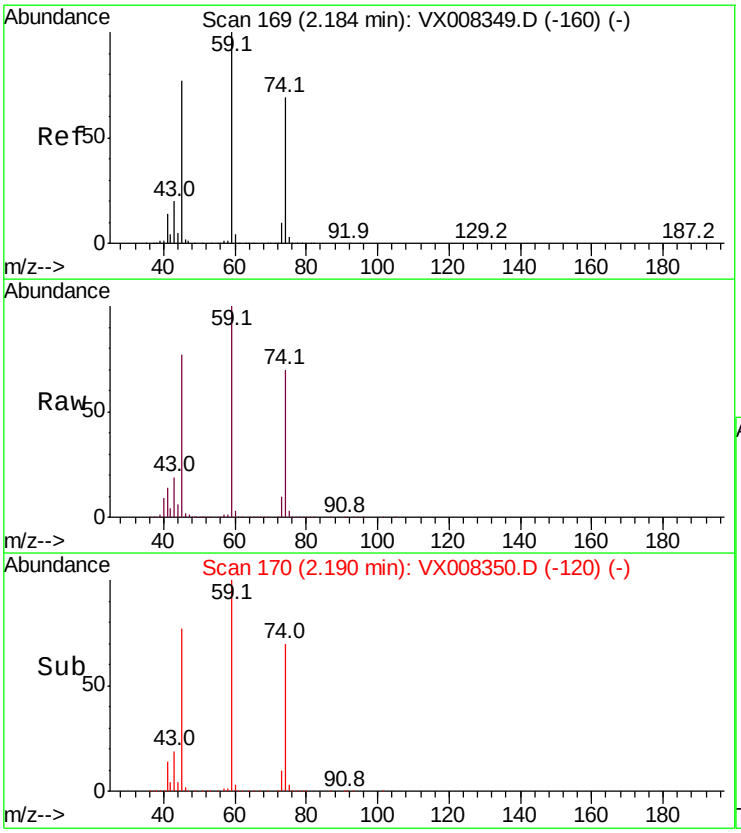
Tgt Ion:101 Resp: 351835

Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.4	75.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

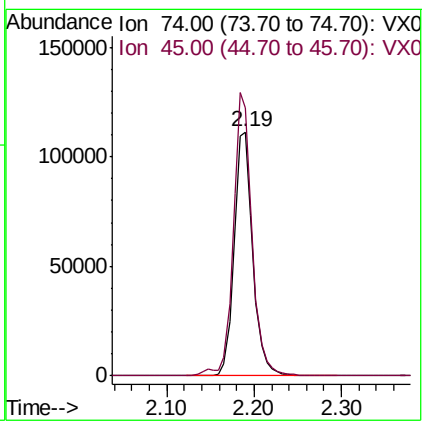
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

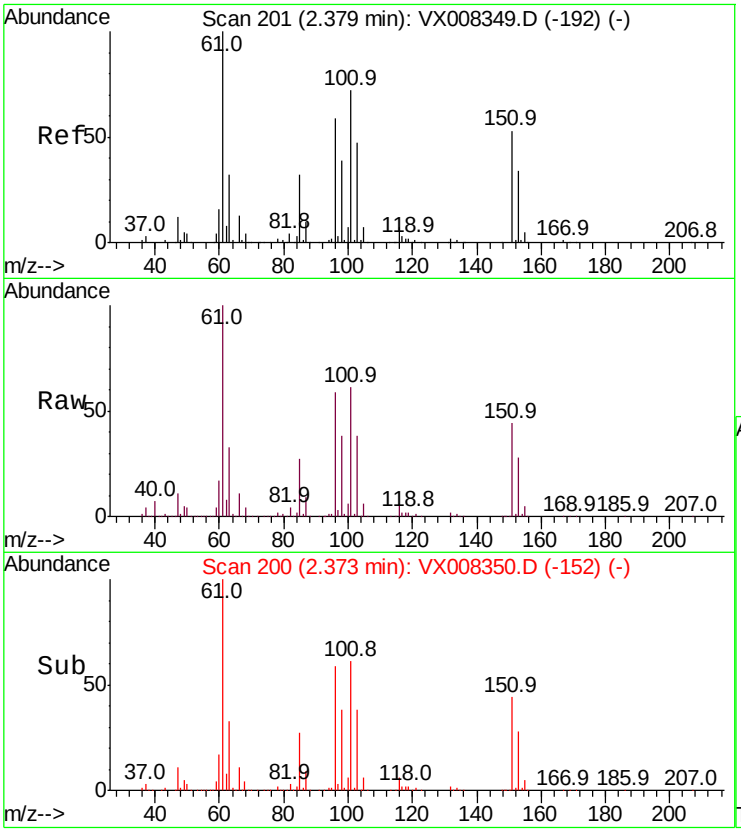


#8
Diethyl Ether
Concen: 83.030 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 74 Resp: 166558

Ion	Ratio	Lower	Upper
74	100		
45	116.3	52.1	156.4

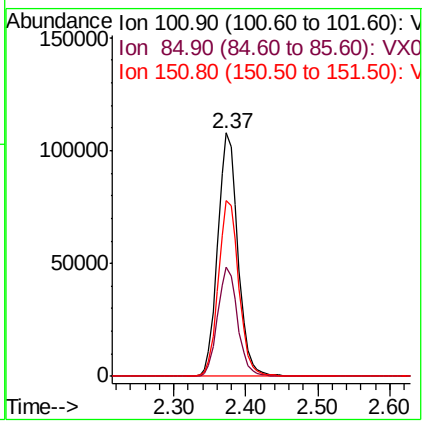




#9
1,1,2-Trichlorotrifluoroethane
Concen: 80.993 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

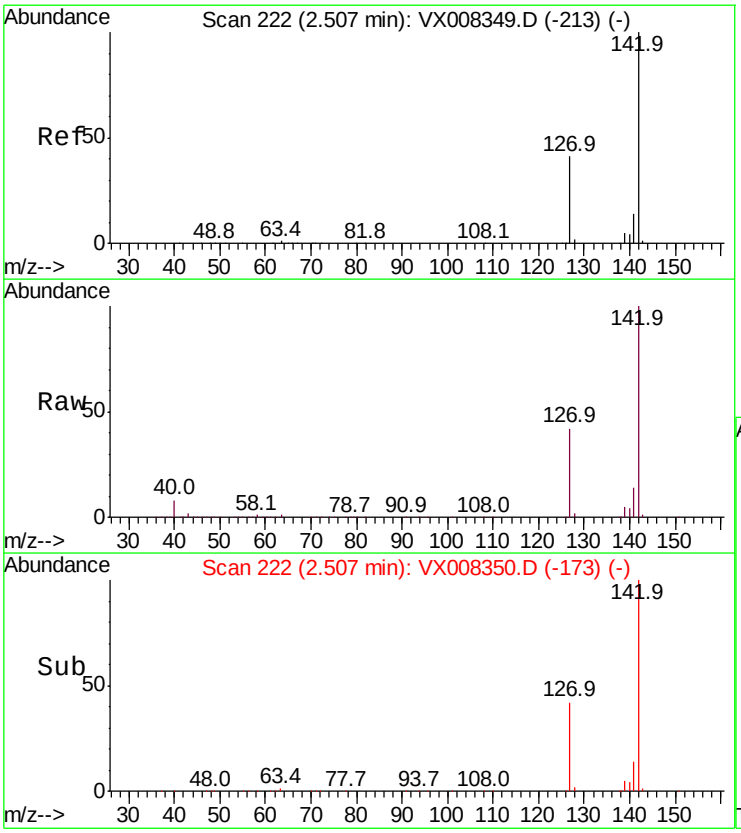
Tgt Ion:101 Resp: 209663

Ion	Ratio	Lower	Upper
101	100		
85	44.6	33.8	50.6
151	73.7	69.1	103.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

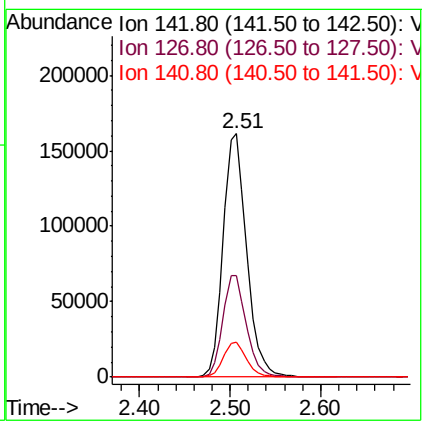
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

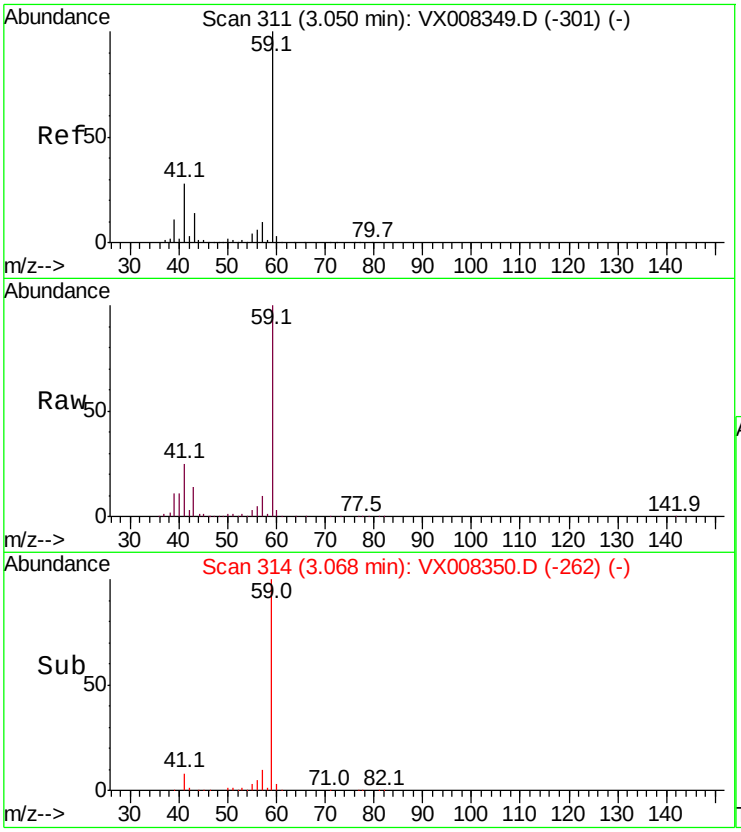


#10
Methyl Iodide
Concen: 88.324 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:142 Resp: 291123

Ion	Ratio	Lower	Upper
142	100		
127	41.9	32.1	48.1
141	14.3	11.4	17.2





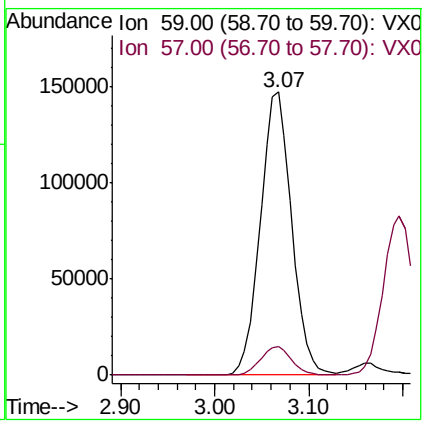
#11
Tert butyl alcohol
Concen: 528.575 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.02 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

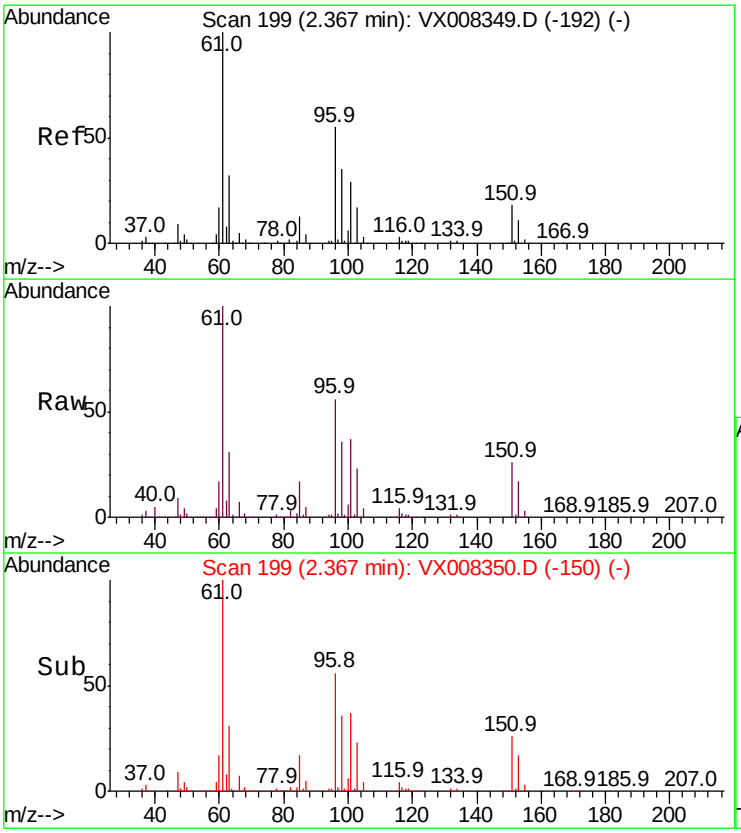
Tgt Ion: 59 Resp: 343258

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

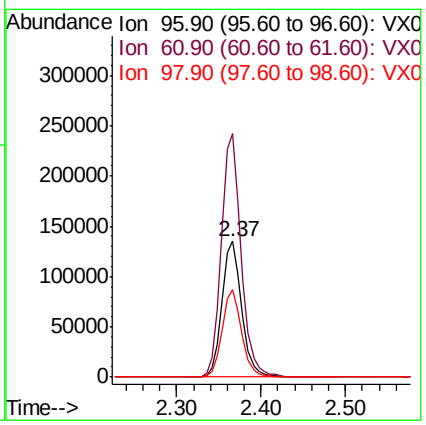


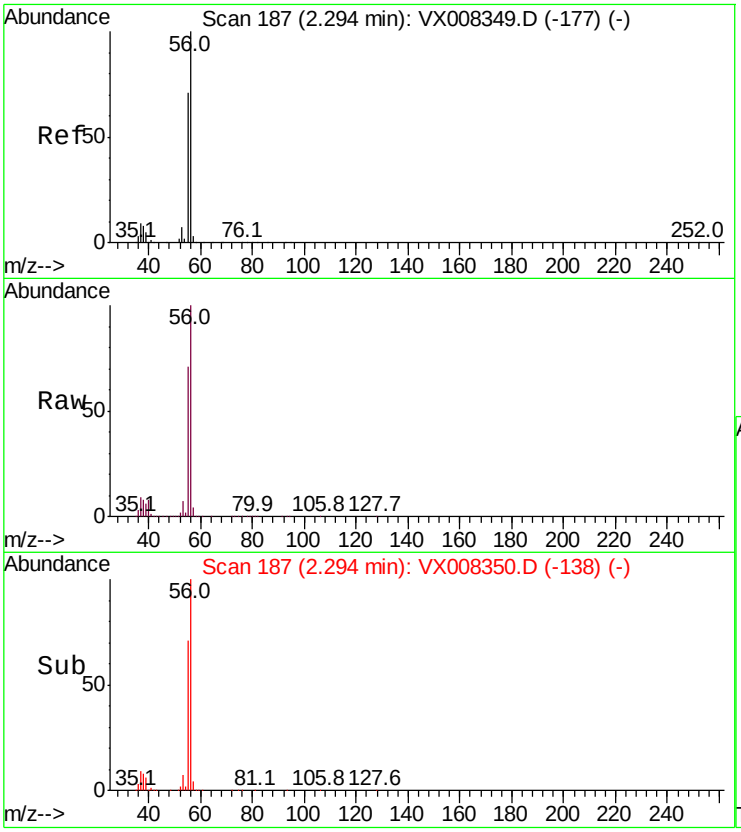


#12
1,1-Dichloroethene
Concen: 89.328 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 96 Resp: 218309

Ion	Ratio	Lower	Upper
96	100		
61	179.0	129.8	194.6
98	64.0	51.0	76.6

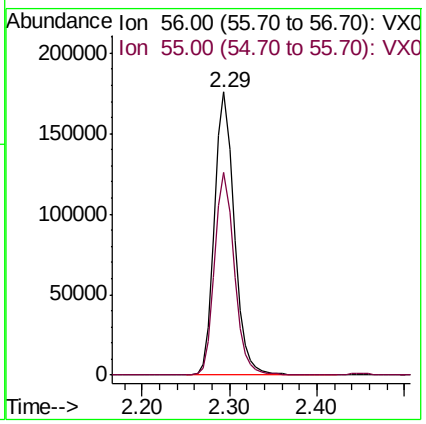




#13
Acrolein
Concen: 555.882 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

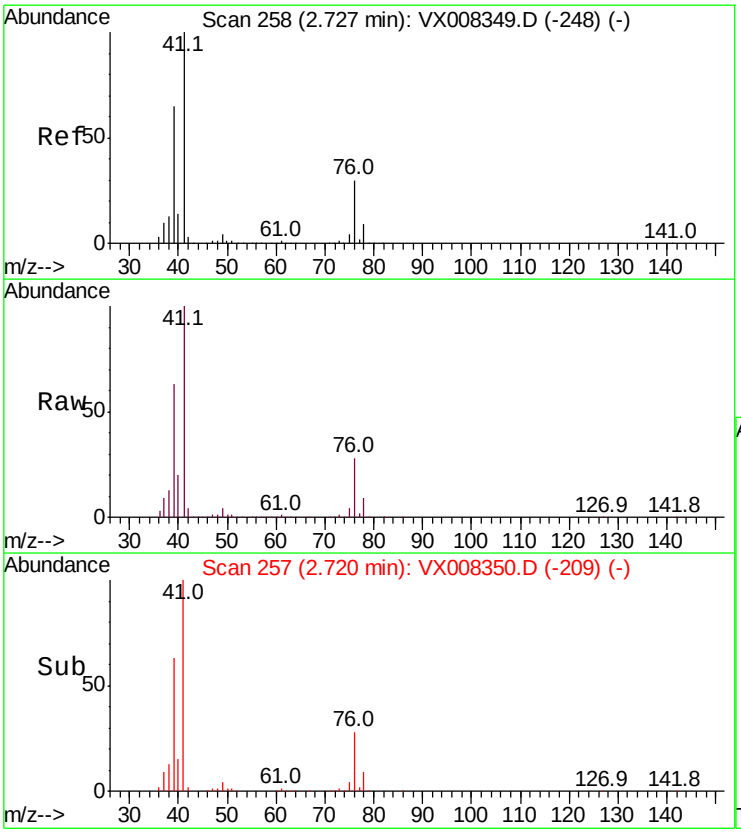
Tgt Ion: 56 Resp: 275149

Ion	Ratio	Lower	Upper
56	100		
55	71.6	57.8	86.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

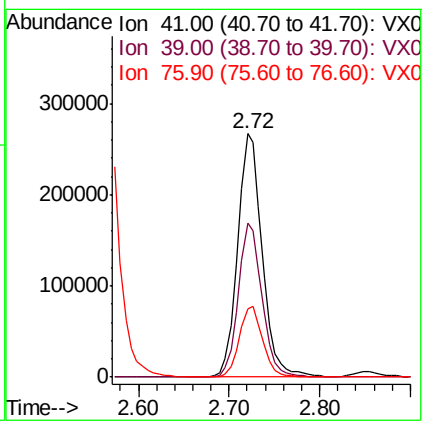
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

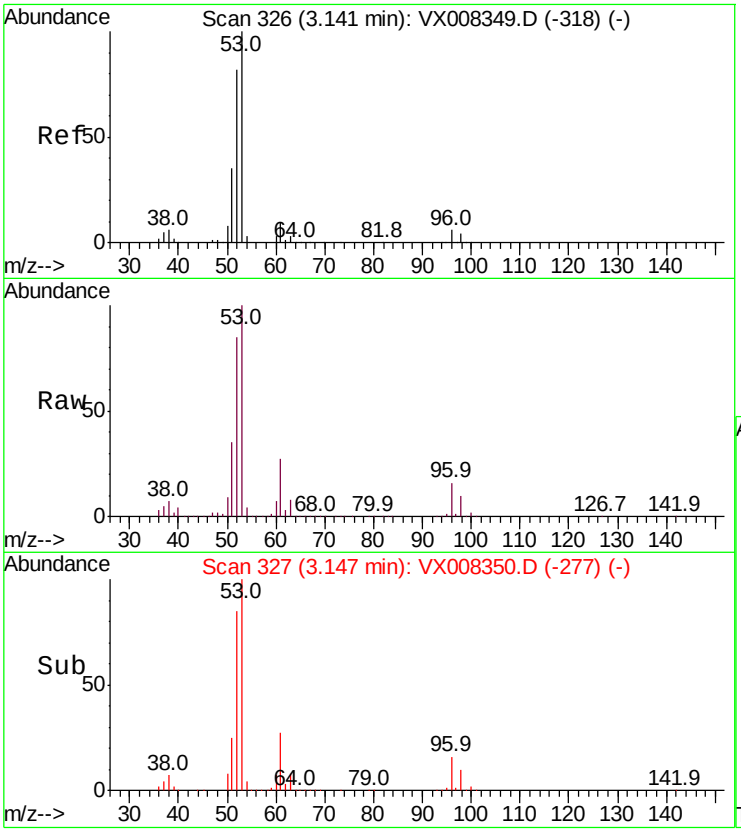


#14
Allyl chloride
Concen: 93.624 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 41 Resp: 498086

Ion	Ratio	Lower	Upper
41	100		
39	61.0	46.1	69.1
76	28.0	24.0	36.0

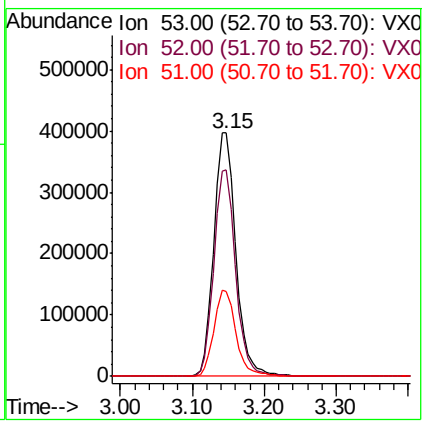




#15
Acrylonitrile
Concen: 488.781 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

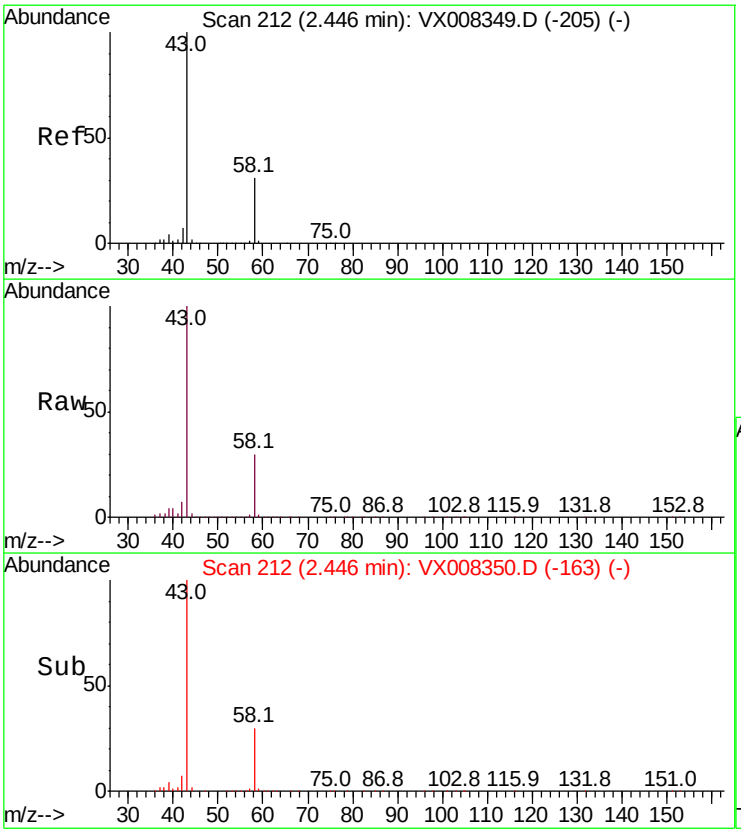
Tgt Ion: 53 Resp: 839571

Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.0	99.0
51	35.7	28.0	42.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

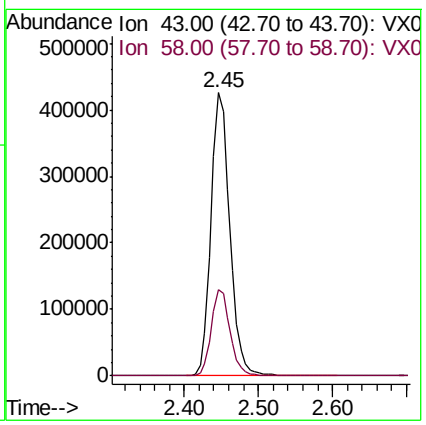
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

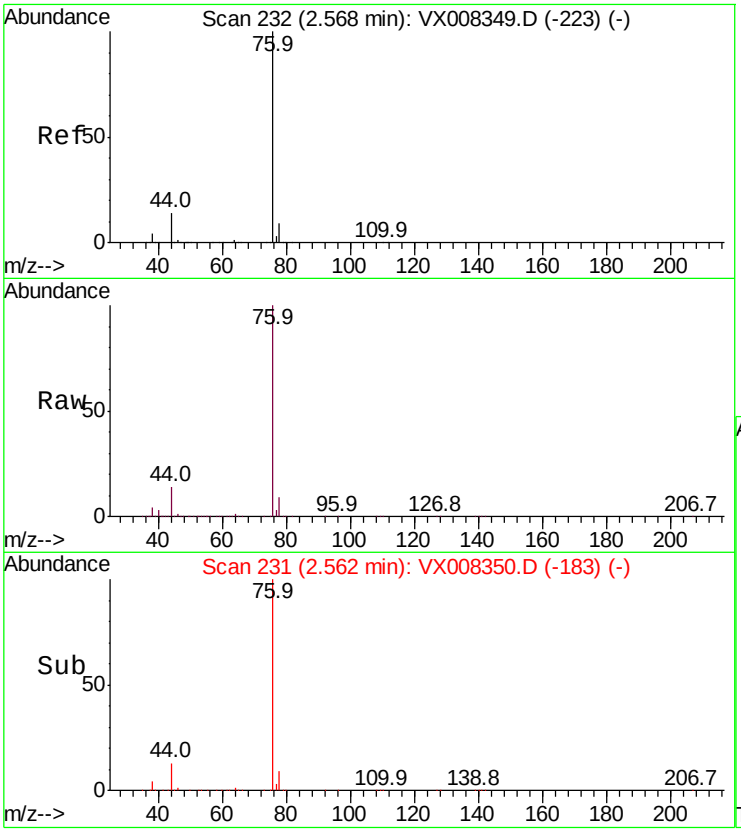


#16
Acetone
Concen: 427.713 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 43 Resp: 735885

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.5	38.3

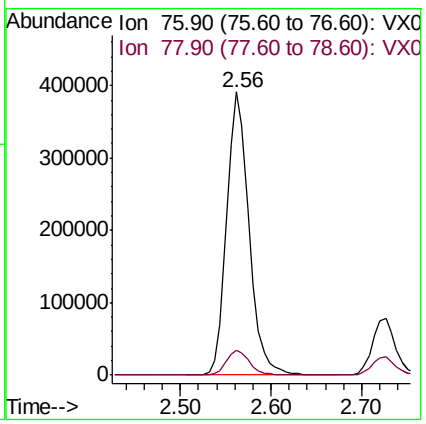




#17
Carbon Disulfide
Concen: 84.845 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

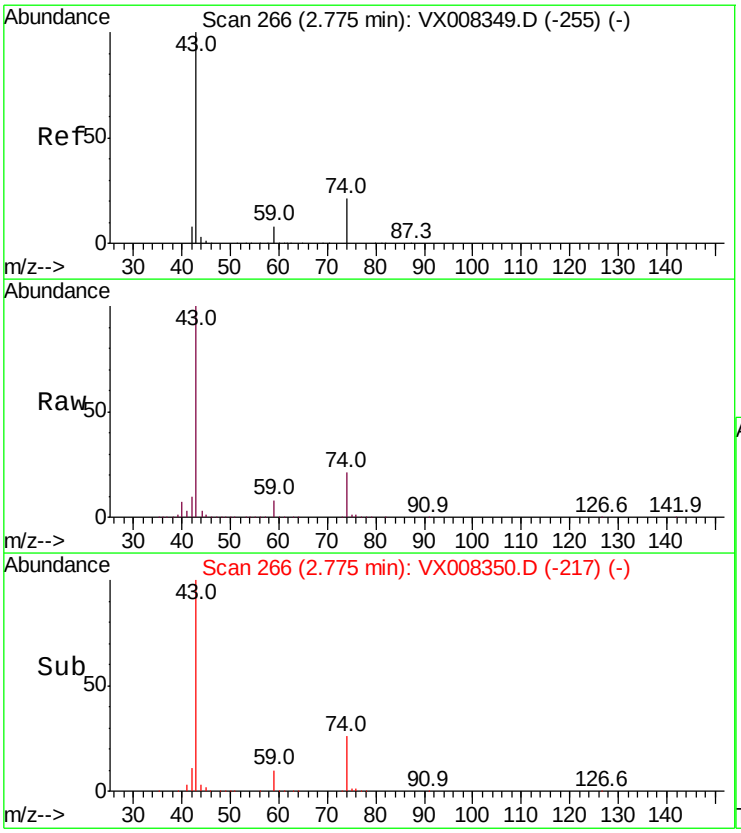
Tgt Ion: 76 Resp: 668653

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

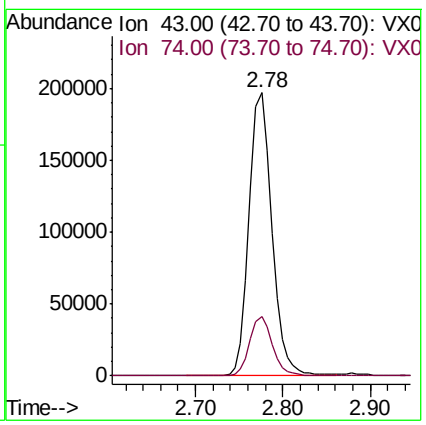
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

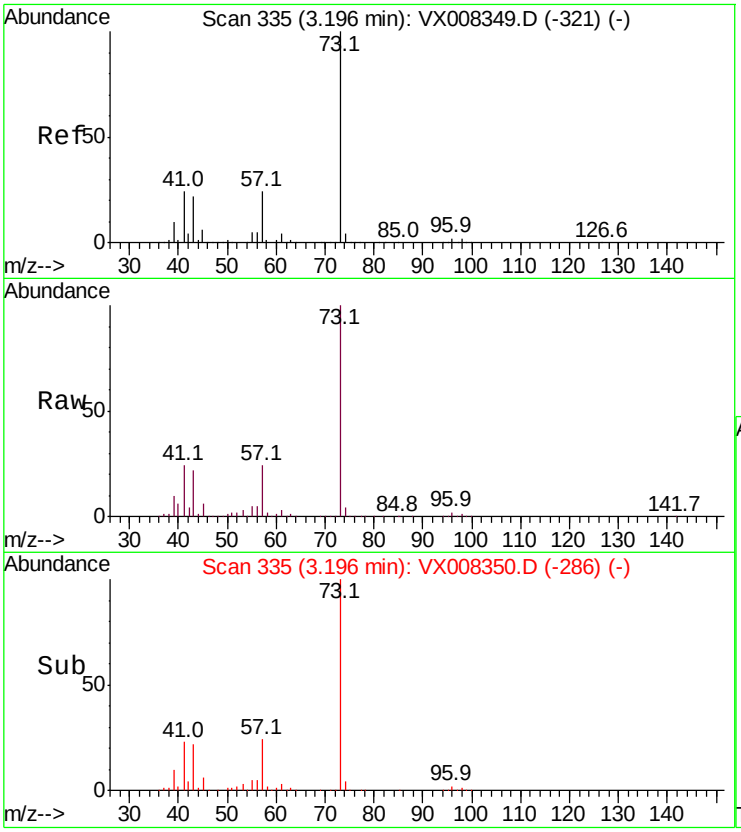


#18
Methyl Acetate
Concen: 89.978 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 43 Resp: 358395

Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.6

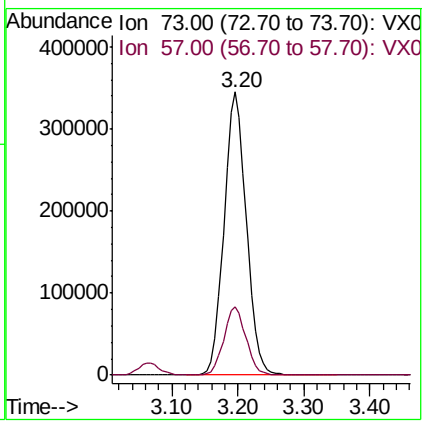




#19
Methyl tert-butyl Ether
Concen: 90.669 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

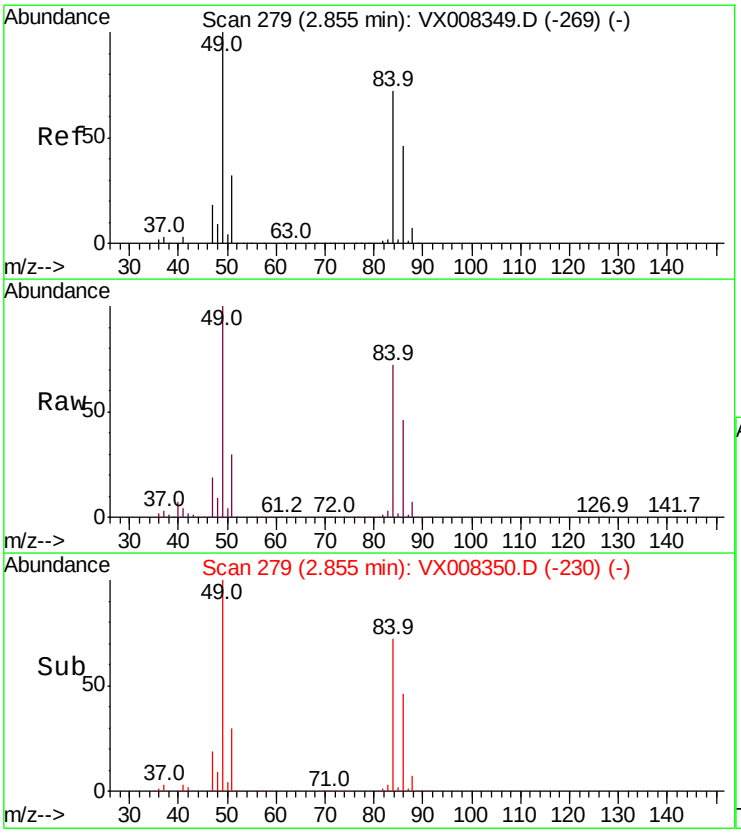
Tgt Ion: 73 Resp: 801199

Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.2	27.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

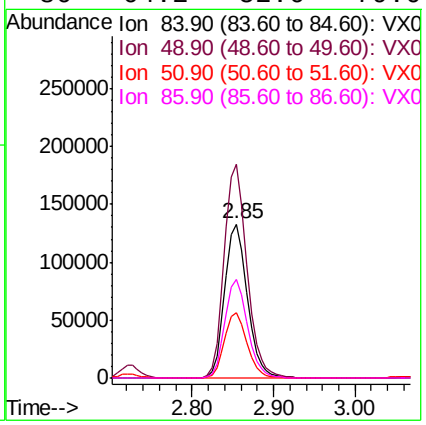
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

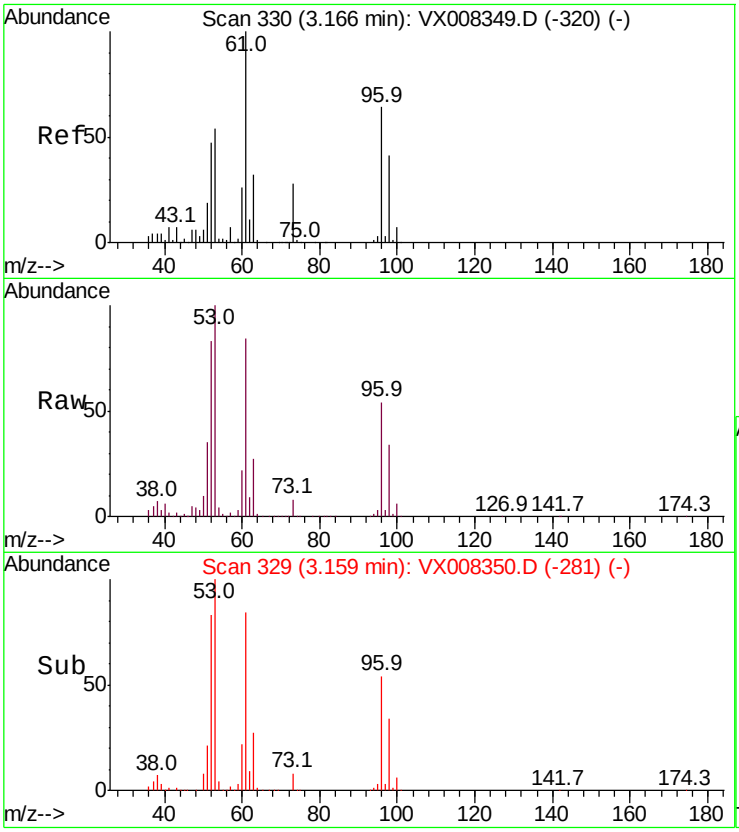


#20
Methylene Chloride
Concen: 88.926 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 84 Resp: 255128

Ion	Ratio	Lower	Upper
84	100		
49	138.5	99.3	148.9
51	42.1	31.3	46.9
86	64.2	52.6	79.0

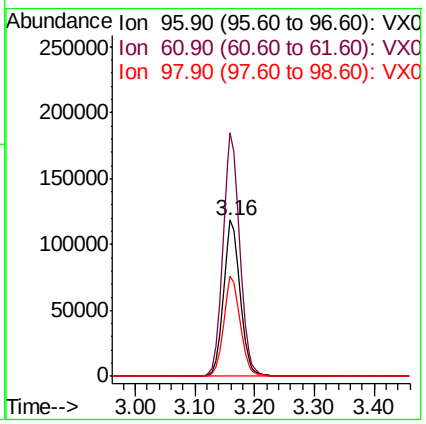




#21
trans-1,2-Dichloroethene
Concen: 87.632 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

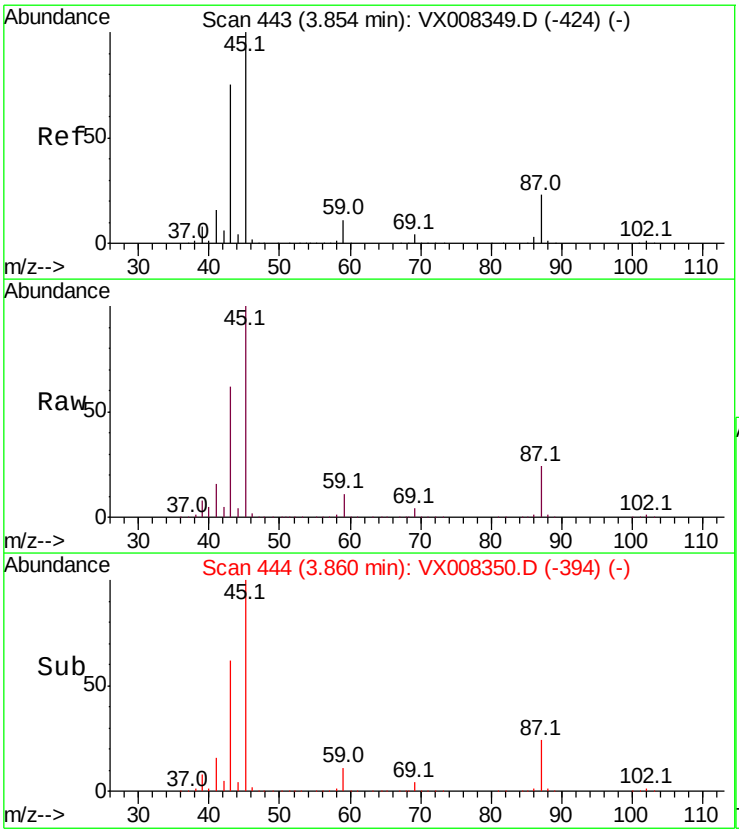
Tgt Ion: 96 Resp: 231365

Ion	Ratio	Lower	Upper
96	100		
61	155.6	114.4	171.6
98	63.7	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

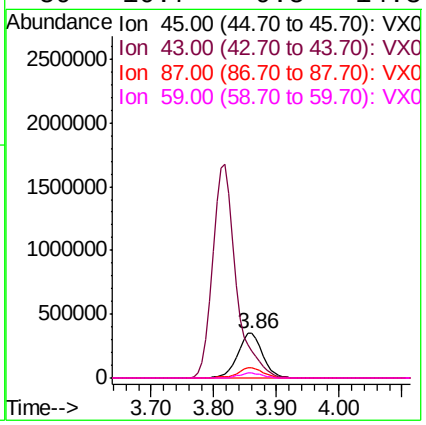
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

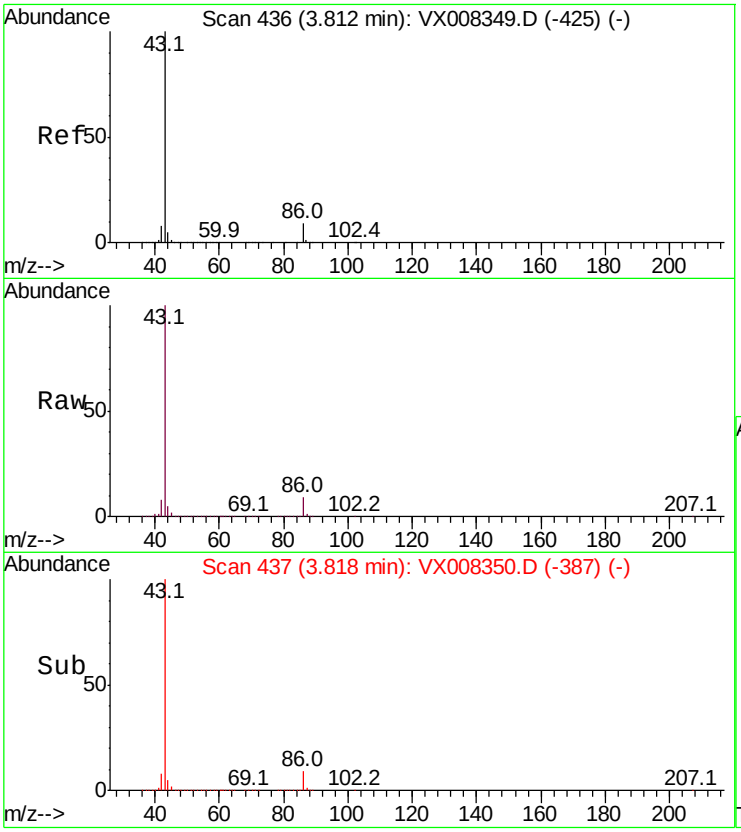


#22
Diisopropyl ether
Concen: 91.928 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 45 Resp: 957840

Ion	Ratio	Lower	Upper
45	100		
43	61.5	45.3	67.9
87	23.6	21.4	32.0
59	10.7	9.5	14.3

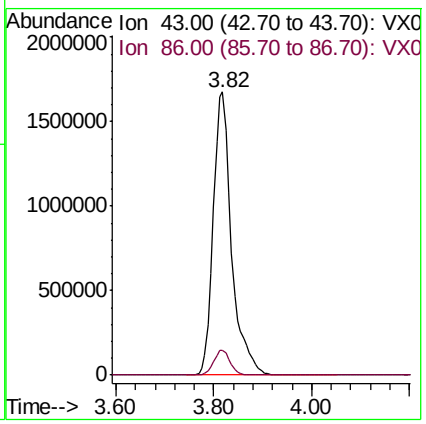




#23
Vinyl Acetate
Concen: 485.942 ug/l
RT: 3.82 min Scan# 437
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

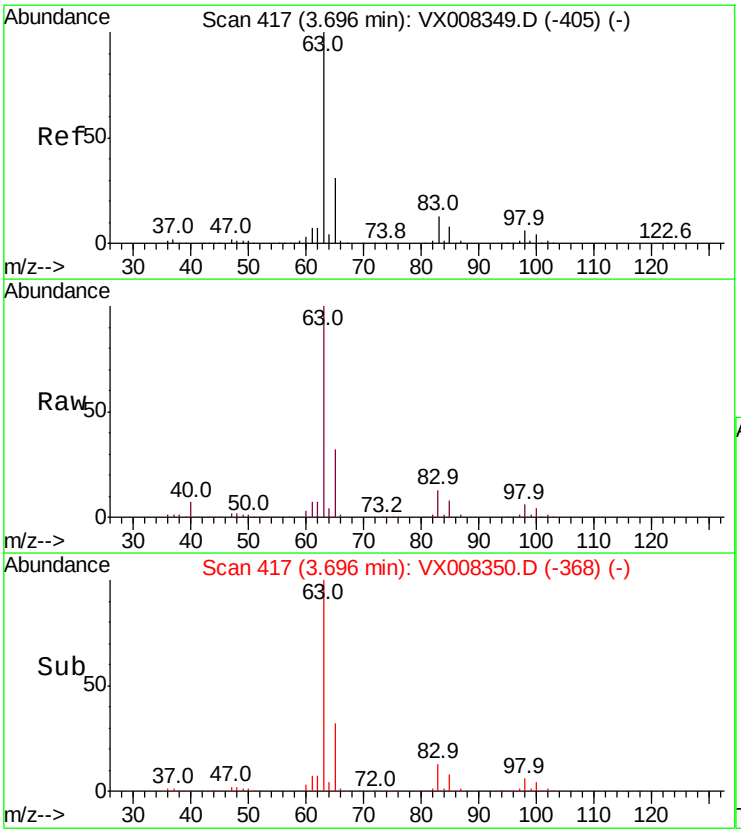
Tgt Ion: 43 Resp: 4340958

Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

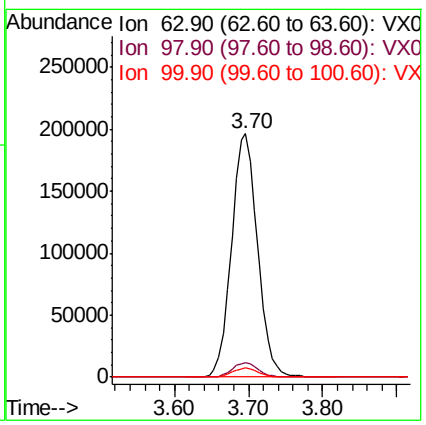
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

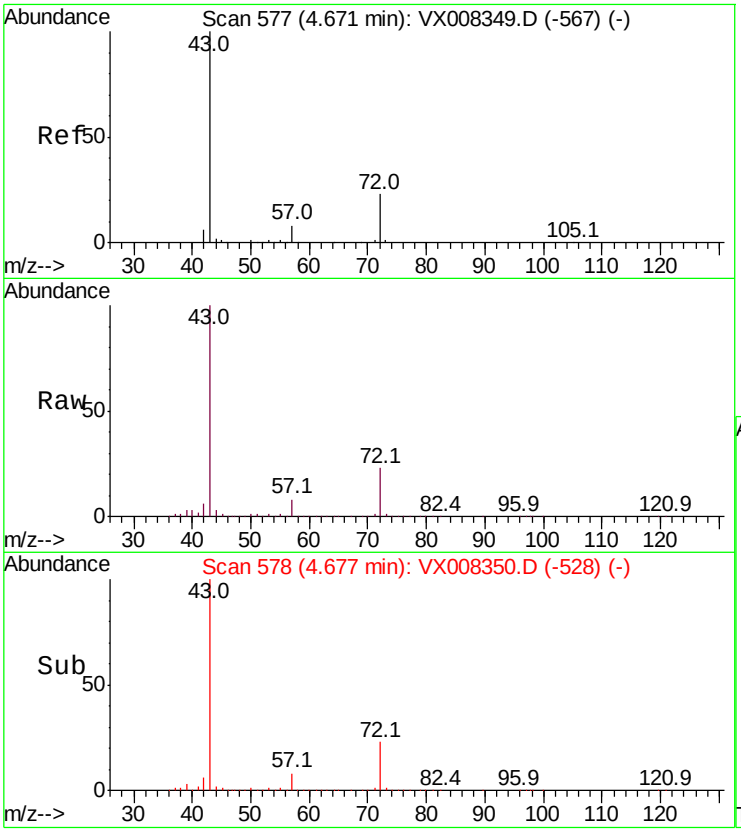


#24
1,1-Dichloroethane
Concen: 89.590 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 63 Resp: 480107

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.3	9.8
100	3.9	2.3	6.8

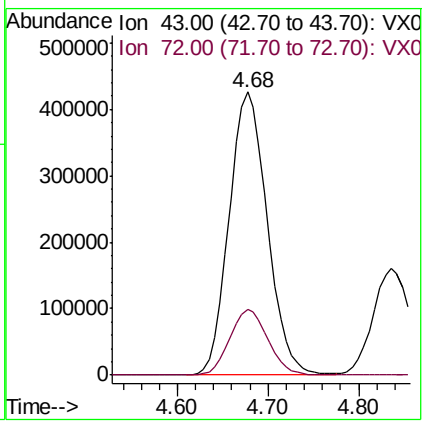




#25
2-Butanone
Concen: 487.778 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

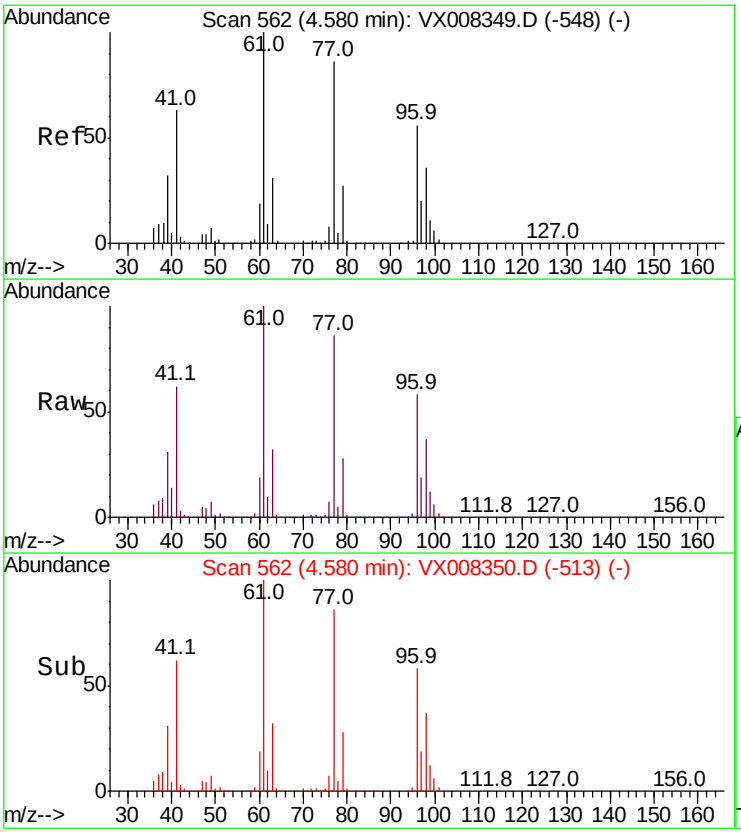
Tgt Ion: 43 Resp: 1238815

Ion	Ratio	Lower	Upper
43	100		
72	23.3	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

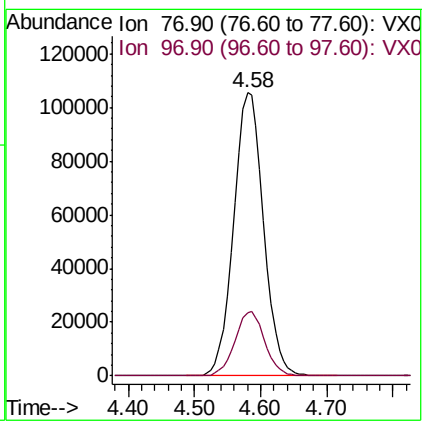
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

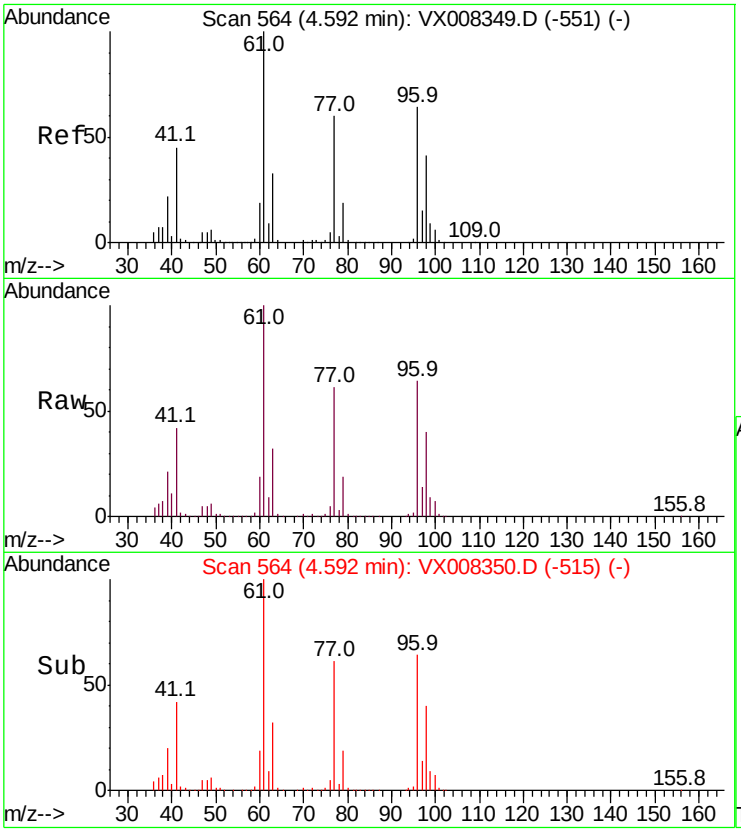


#26
2,2-Dichloropropane
Concen: 81.776 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 77 Resp: 330131

Ion	Ratio	Lower	Upper
77	100		
97	22.7	12.2	36.6

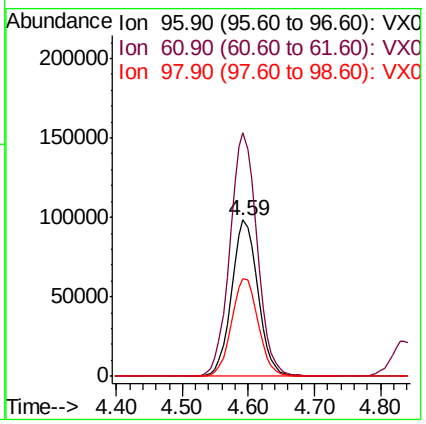




#27
cis-1,2-Dichloroethene
Concen: 90.002 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

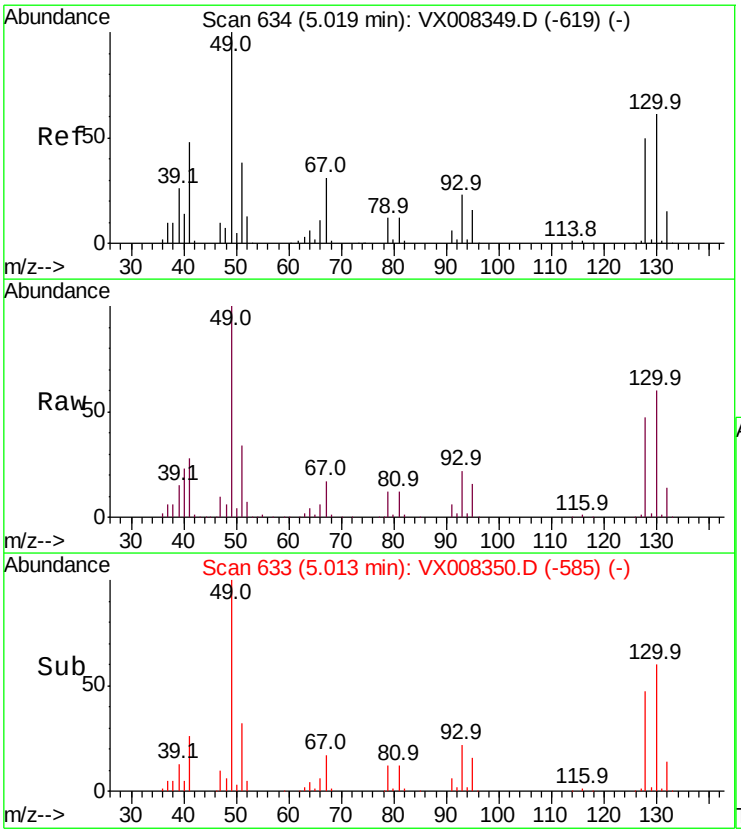
Tgt Ion: 96 Resp: 270885

Ion	Ratio	Lower	Upper
96	100		
61	161.6	0.0	288.0
98	63.7	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

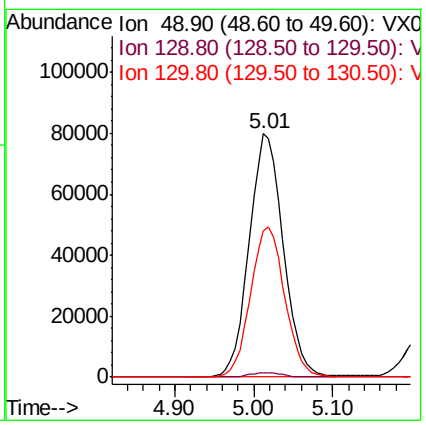
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

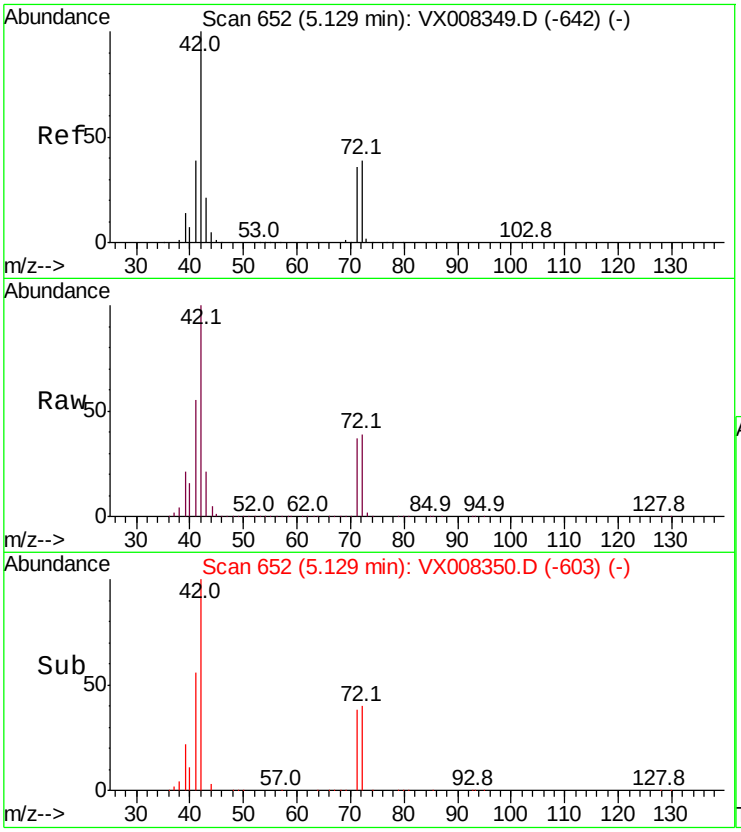


#28
Bromochloromethane
Concen: 99.770 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 49 Resp: 240081

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	61.7	65.0	97.4#

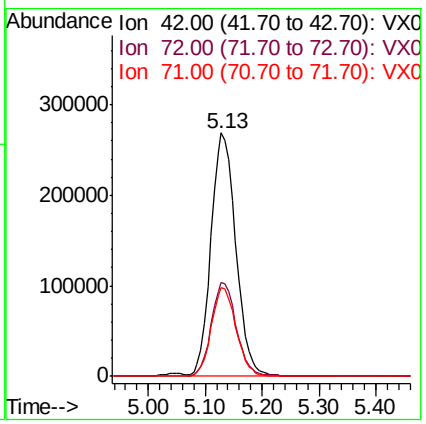




#29
Tetrahydrofuran
Concen: 512.605 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

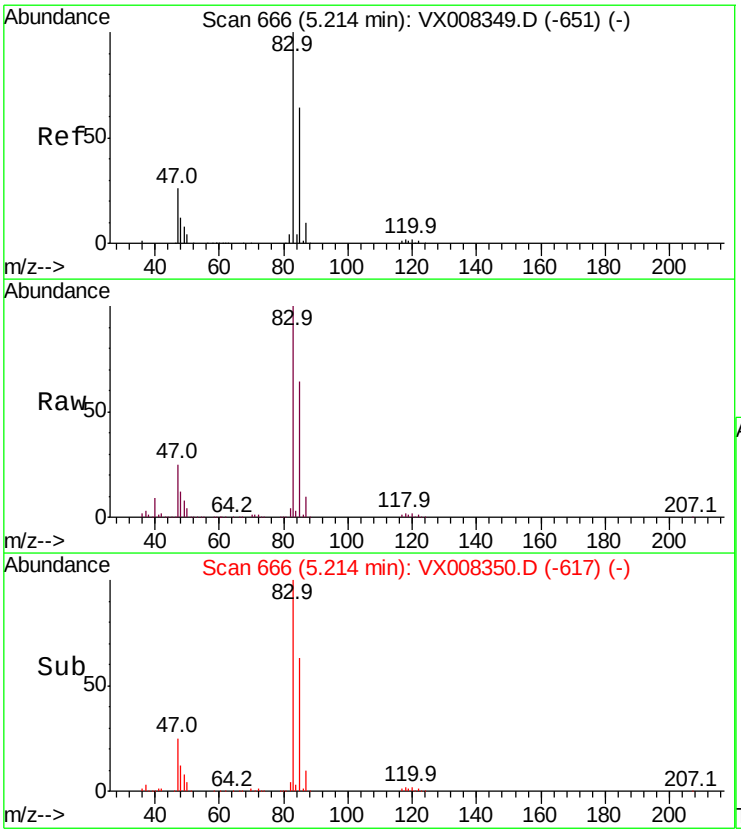
Tgt Ion: 42 Resp: 813839

Ion	Ratio	Lower	Upper
42	100		
72	39.1	33.8	50.6
71	36.4	31.5	47.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

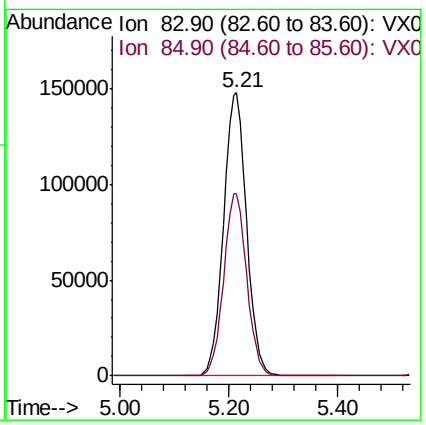
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

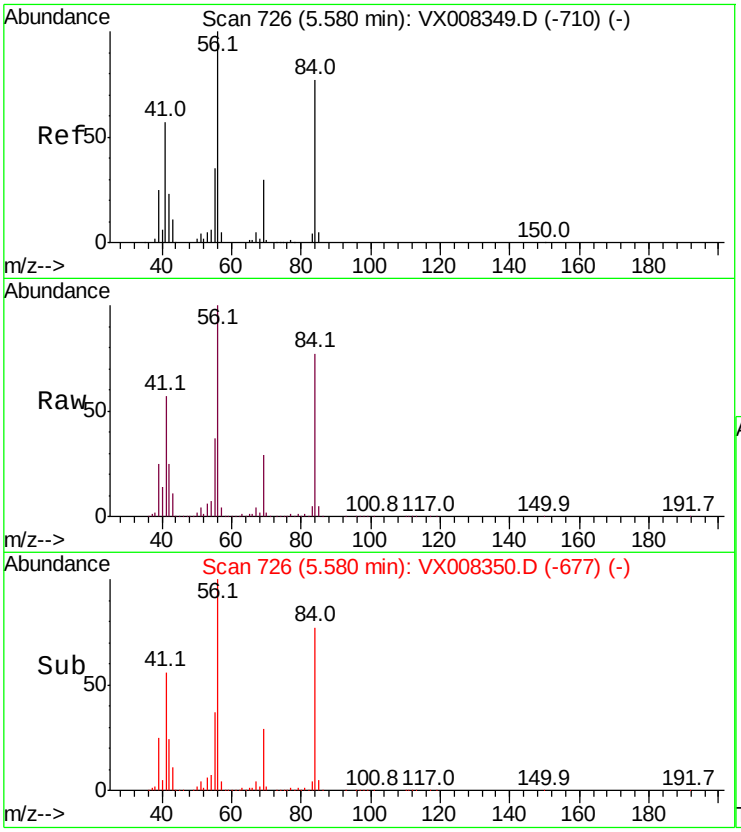


#30
Chloroform
Concen: 86.875 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 83 Resp: 435490

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6

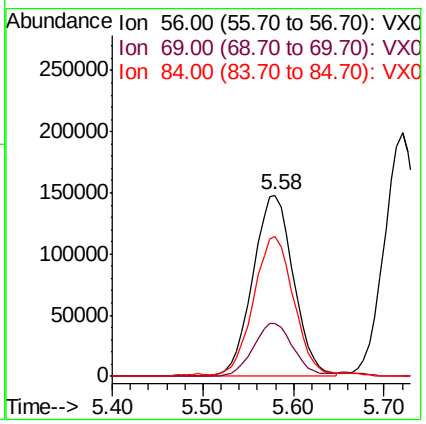




#31
Cyclohexane
Concen: 91.168 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

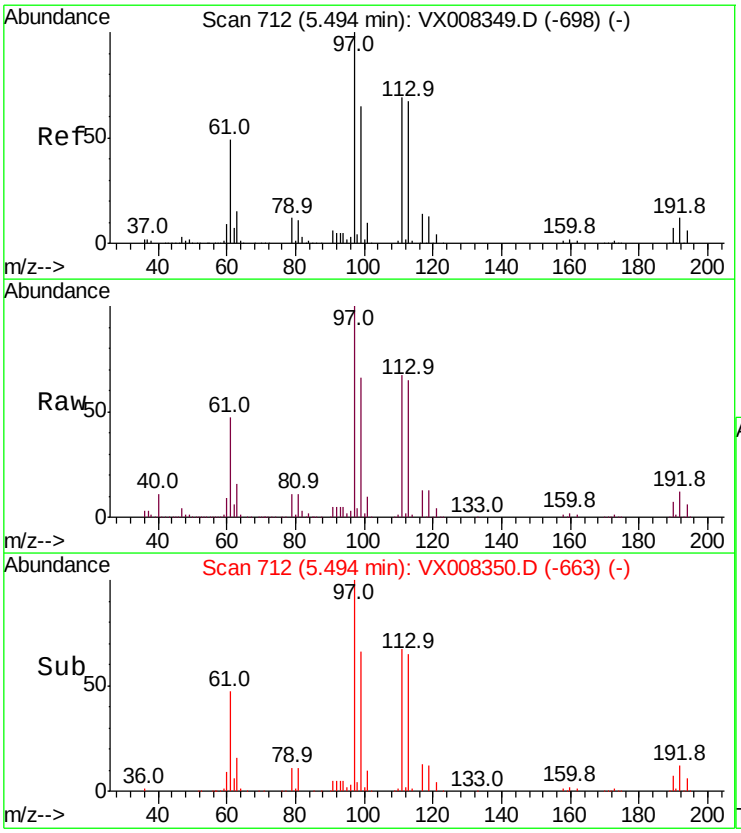
Tgt Ion: 56 Resp: 458778

Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.0	36.0
84	75.9	65.3	97.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

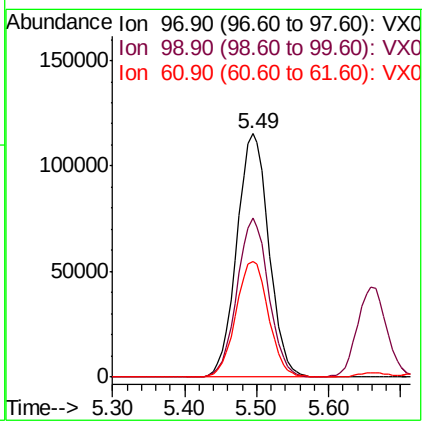
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

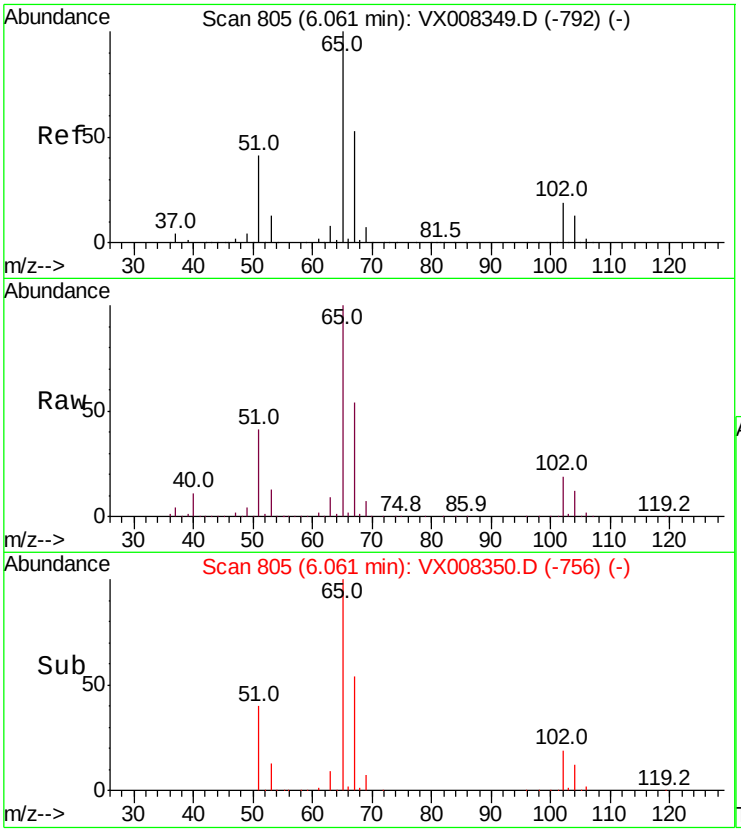


#32
1,1,1-Trichloroethane
Concen: 85.448 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 97 Resp: 356315

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	48.6	34.9	52.3





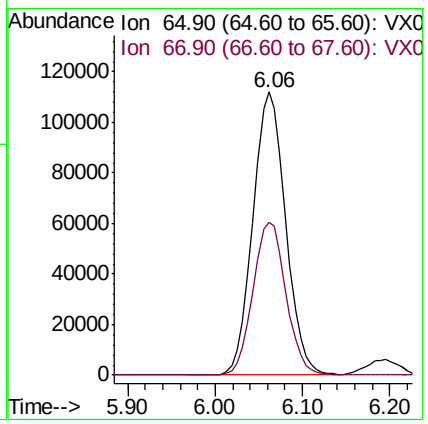
#33
1,2-Dichloroethane-d4
Concen: 96.058 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

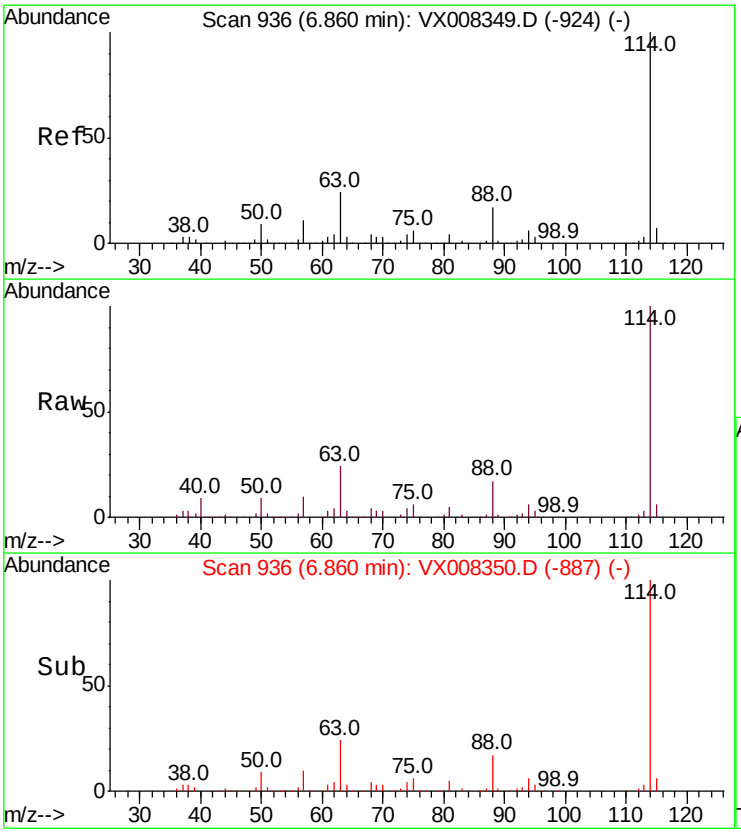
Tgt Ion: 65 Resp: 291396

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

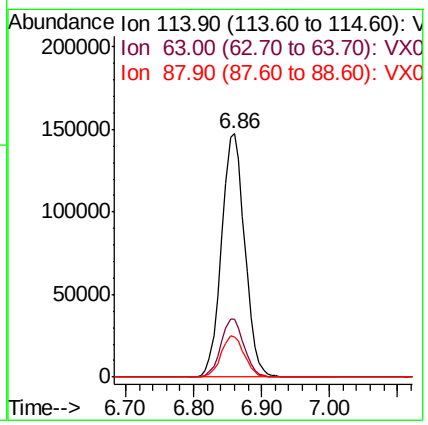


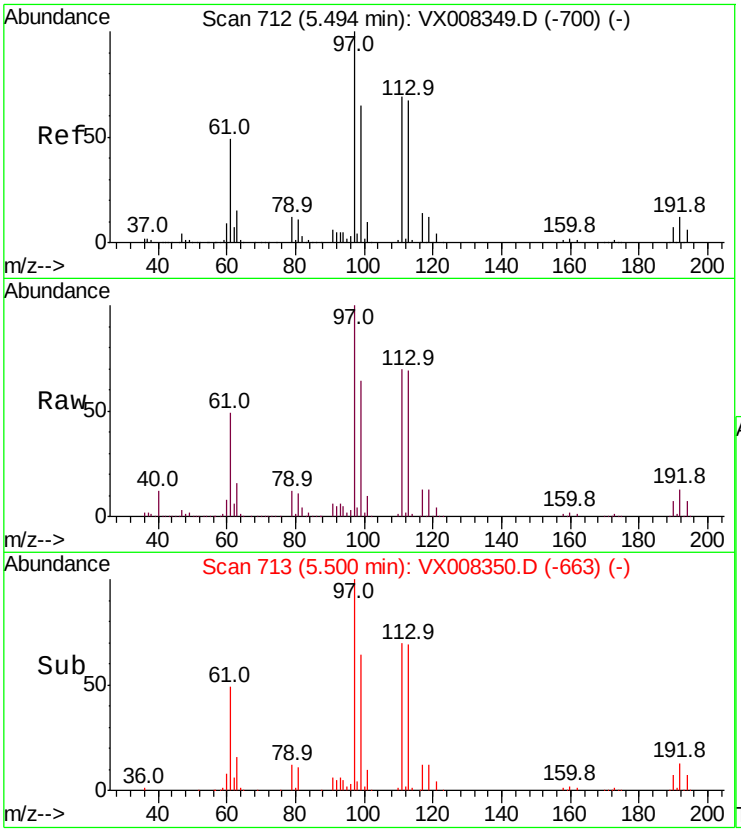


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:114 Resp: 348617

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	39.8
88	16.6	0.0	31.4

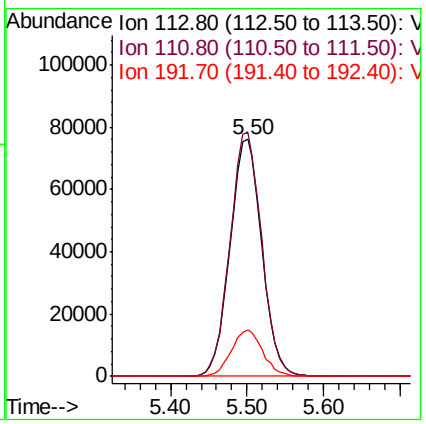




#35
Dibromofluoromethane
Concen: 93.788 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

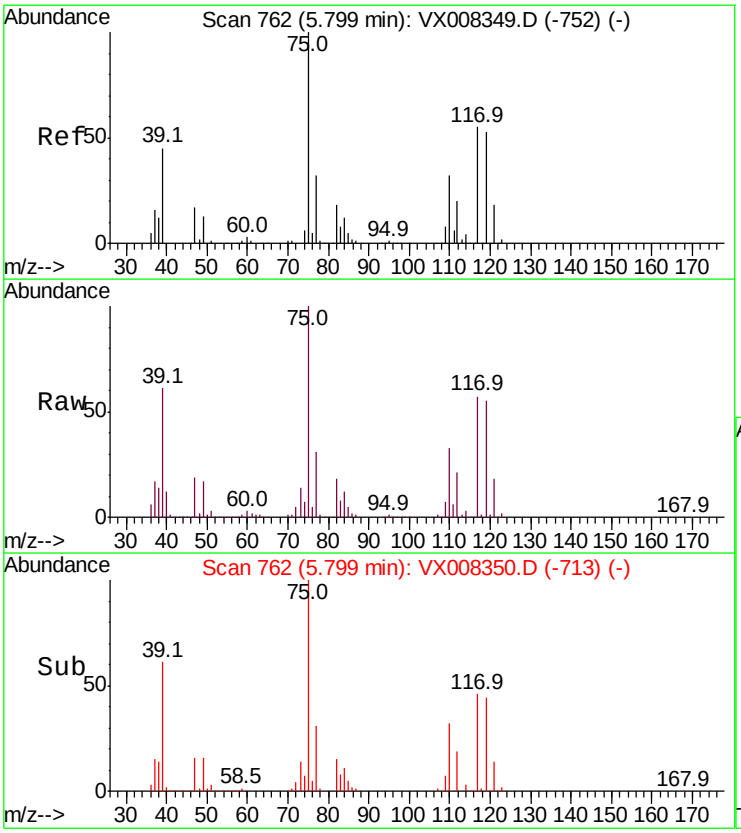
Tgt Ion:113 Resp: 218879

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	19.2	19.4	29.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

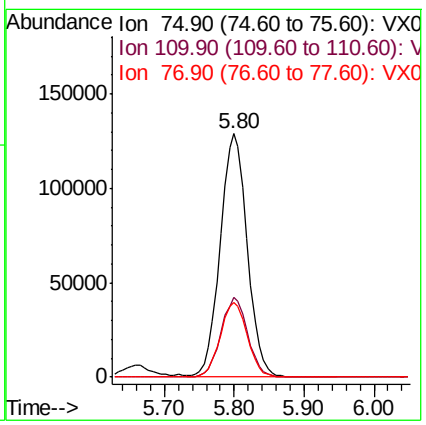
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

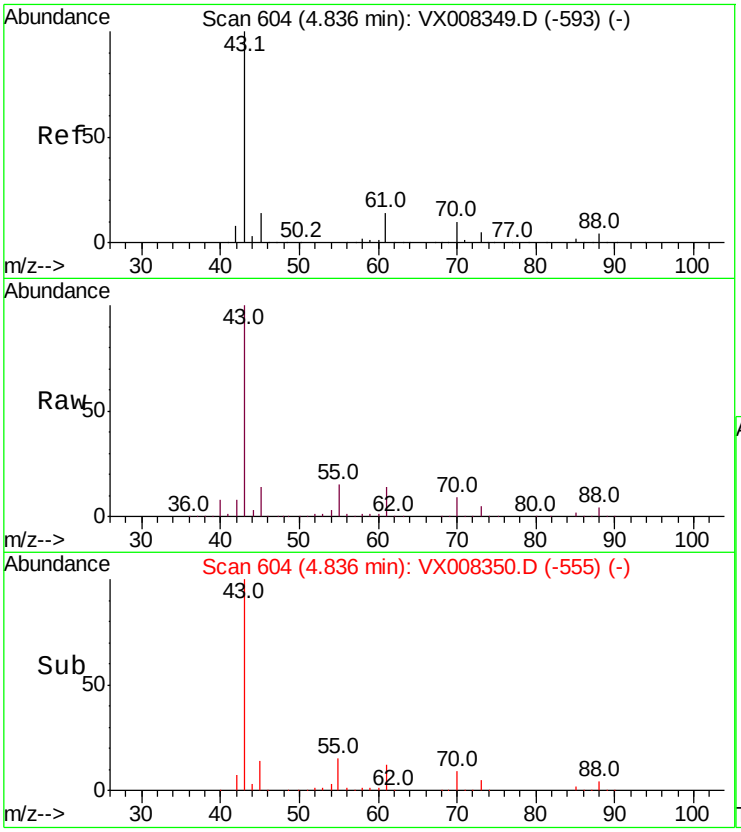


#36
1,1-Dichloropropene
Concen: 85.030 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 75 Resp: 345121

Ion	Ratio	Lower	Upper
75	100		
110	32.6	18.4	55.0
77	30.8	25.0	37.4

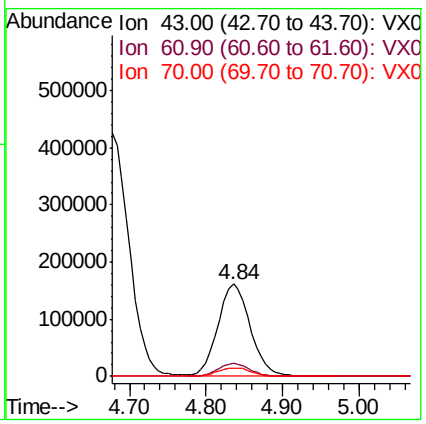




#37
Ethyl Acetate
Concen: 98.132 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

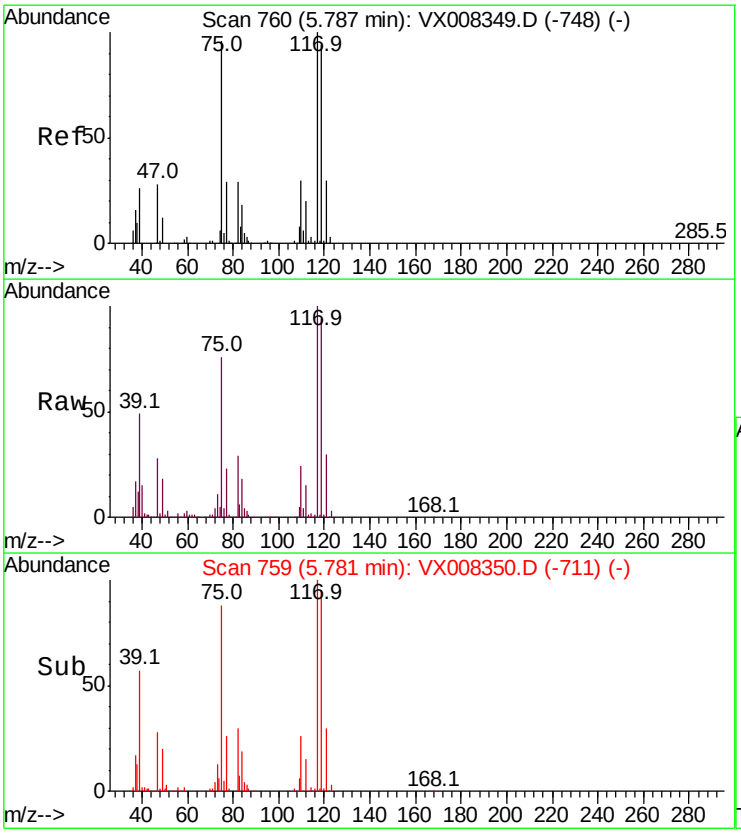
Tgt Ion: 43 Resp: 470834

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	9.7	8.5	12.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

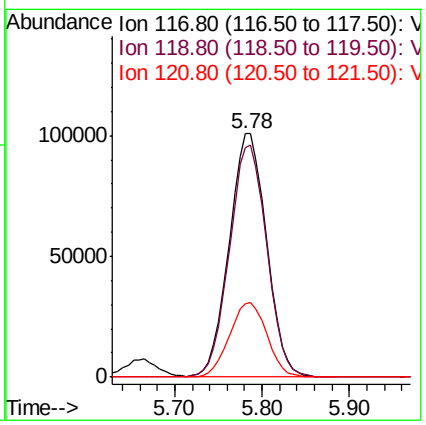
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

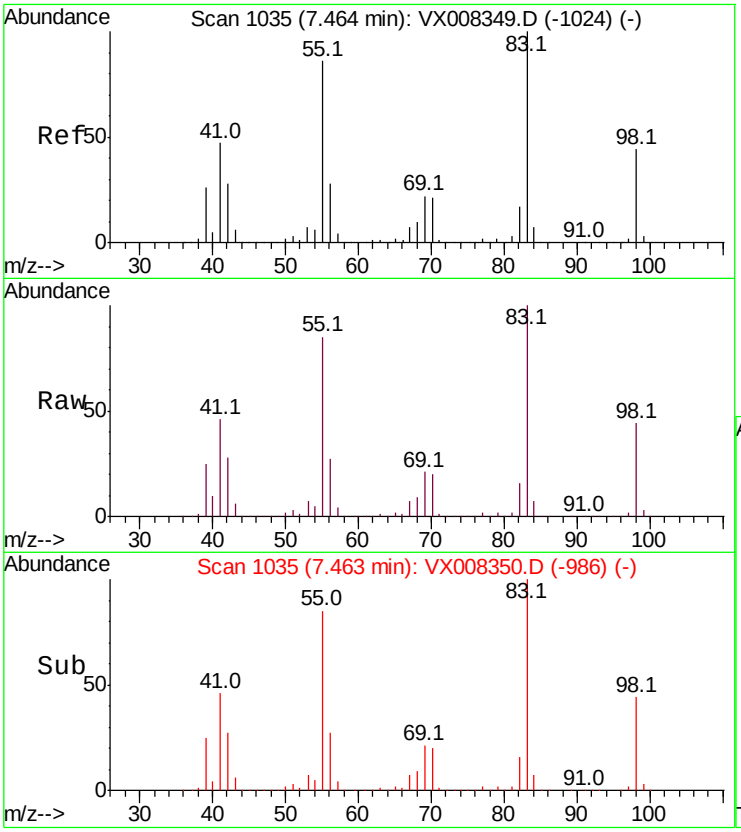


#38
Carbon Tetrachloride
Concen: 82.493 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:117 Resp: 298328

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.2	114.2
121	30.0	24.6	36.8

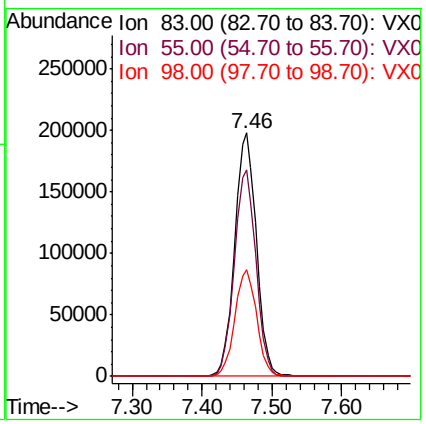




#39
Methylcyclohexane
Concen: 86.999 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

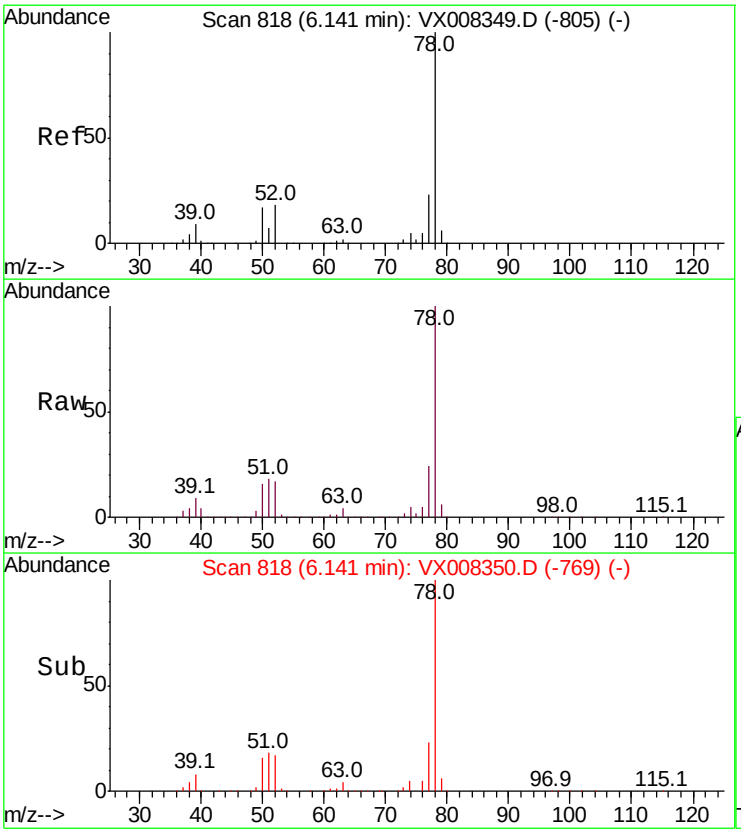
Tgt Ion: 83 Resp: 424934

Ion	Ratio	Lower	Upper
83	100		
55	84.6	60.4	90.6
98	43.8	36.5	54.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

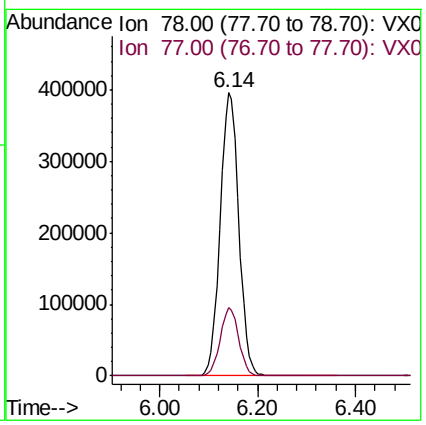
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

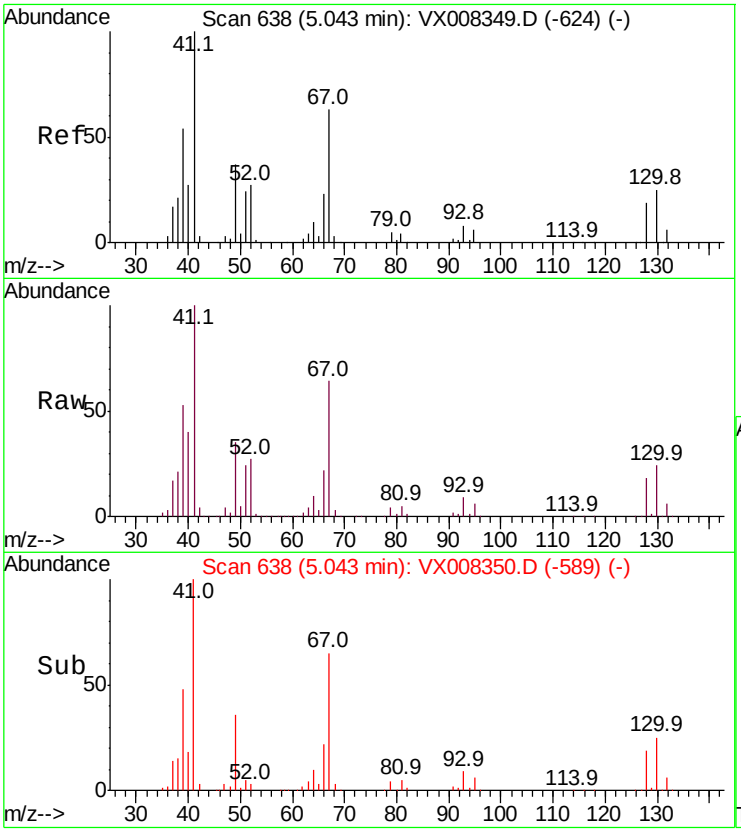


#40
Benzene
Concen: 86.793 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 78 Resp: 1042663

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

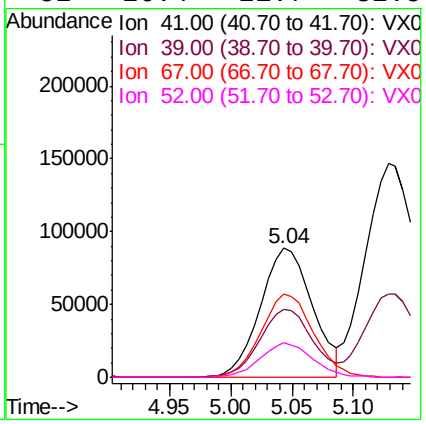




#41
Methacrylonitrile
Concen: 97.631 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

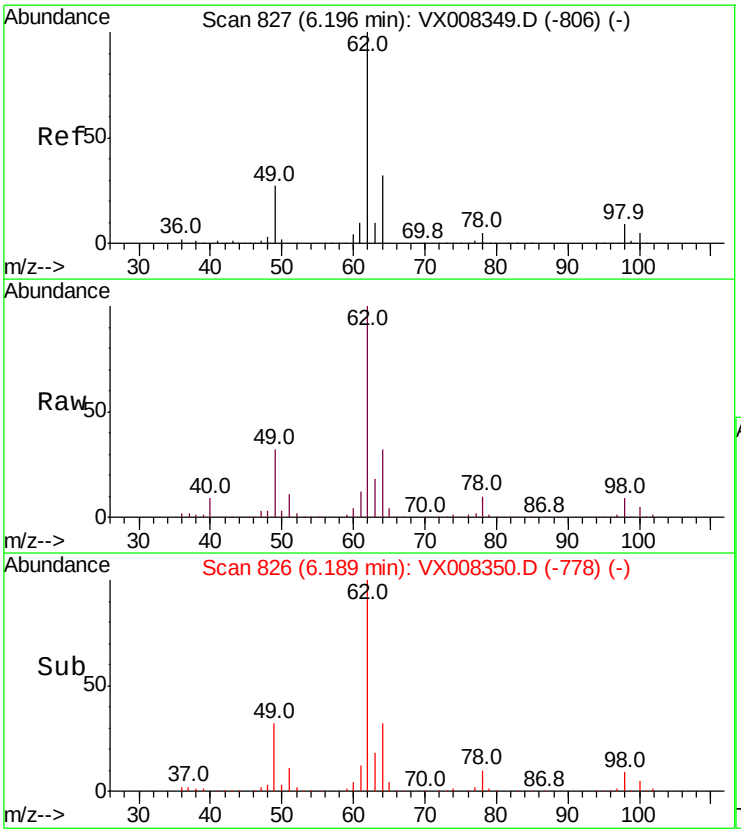
Tgt Ion: 41 Resp: 262754

Ion	Ratio	Lower	Upper
41	100		
39	53.2	41.6	62.4
67	65.0	55.8	83.6
52	26.4	21.7	32.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

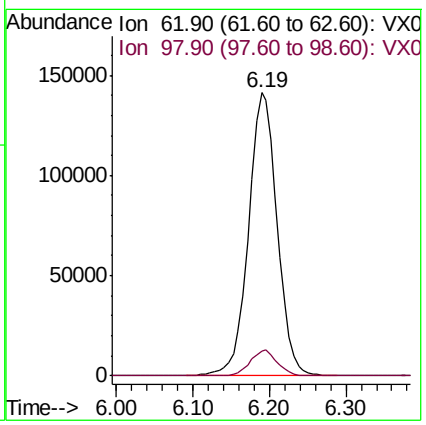
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

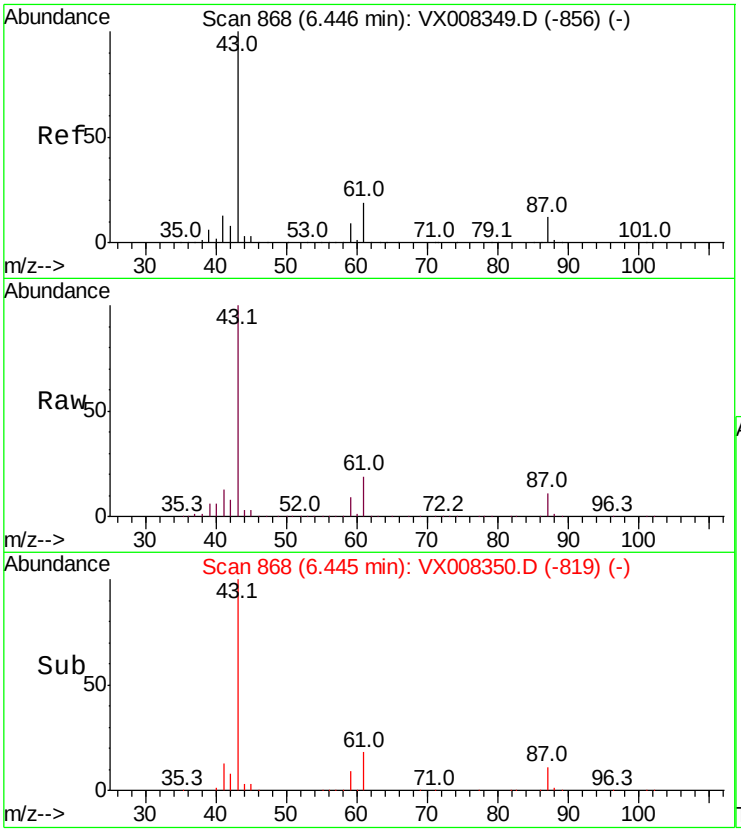


#42
1,2-Dichloroethane
Concen: 83.445 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 62 Resp: 367227

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.4

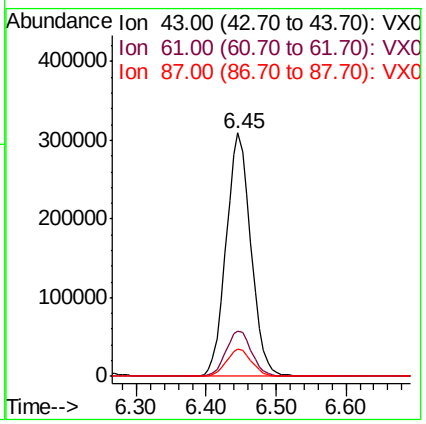




#43
Isopropyl Acetate
Concen: 98.384 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

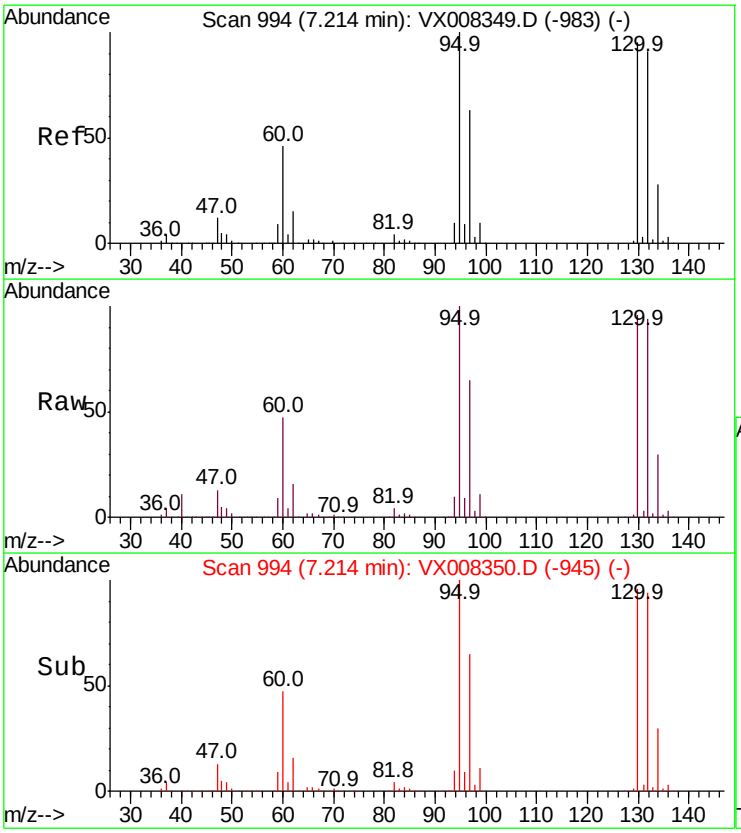
Tgt Ion: 43 Resp: 756630

Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.3	24.5
87	11.3	10.5	15.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

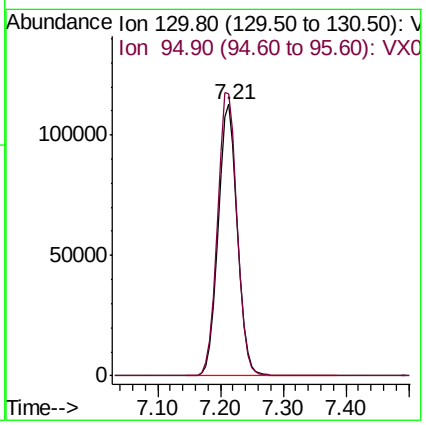
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

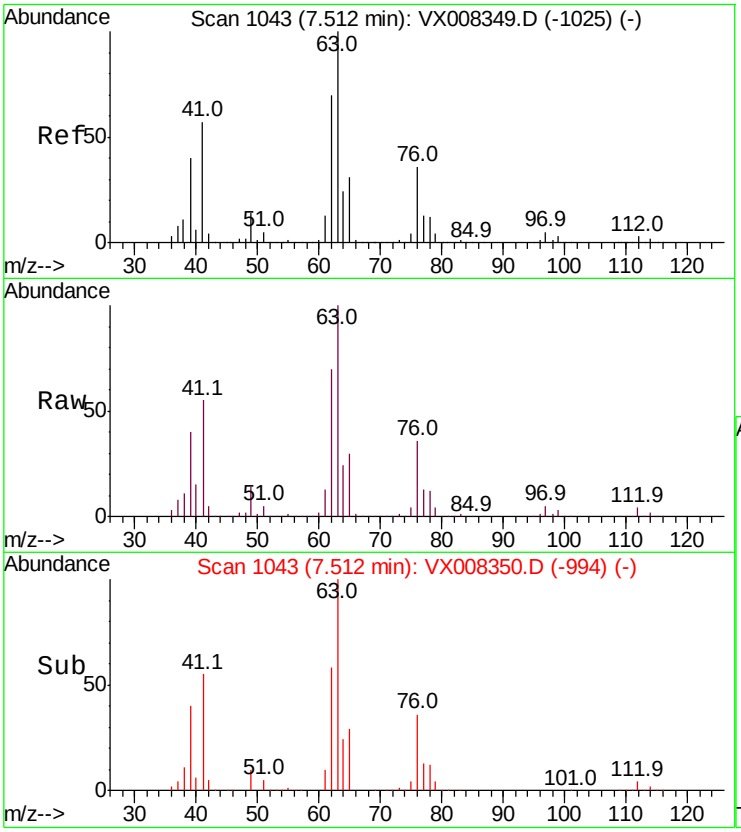


#44
Trichloroethene
Concen: 81.368 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:130 Resp: 239009

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	188.0





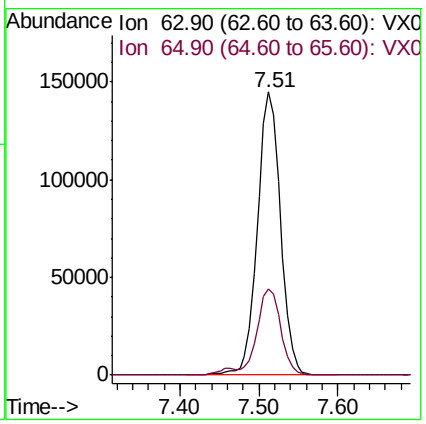
#45
1,2-Dichloropropane
Concen: 87.923 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

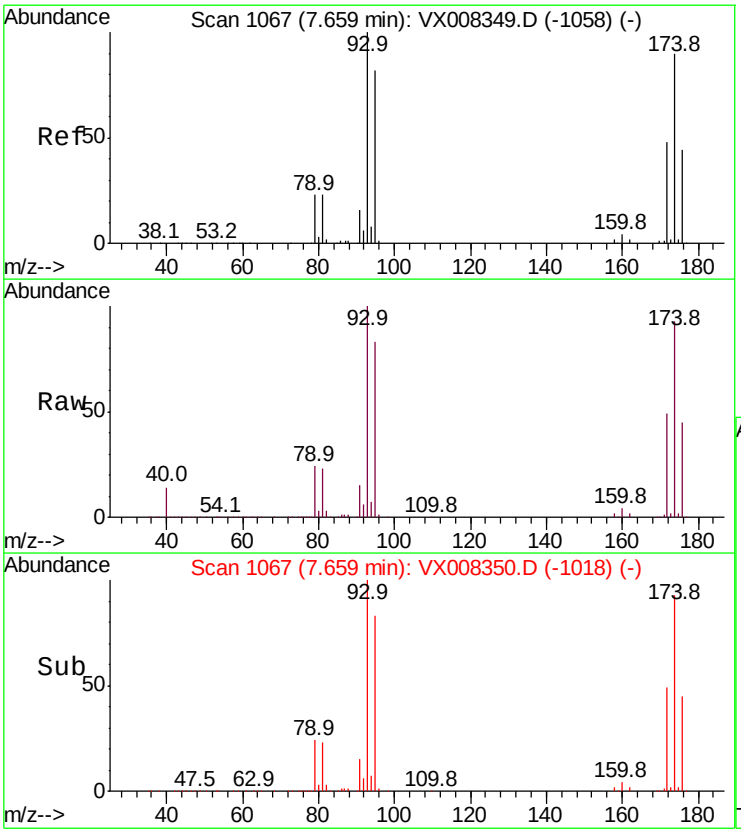
Tgt Ion: 63 Resp: 295684

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

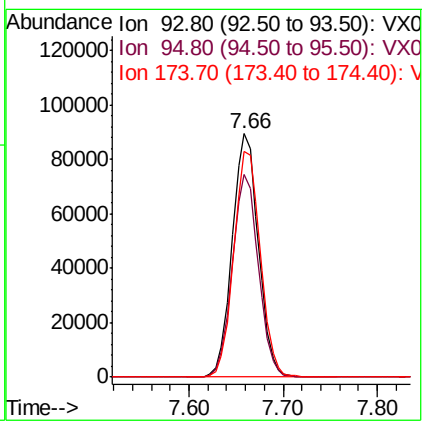


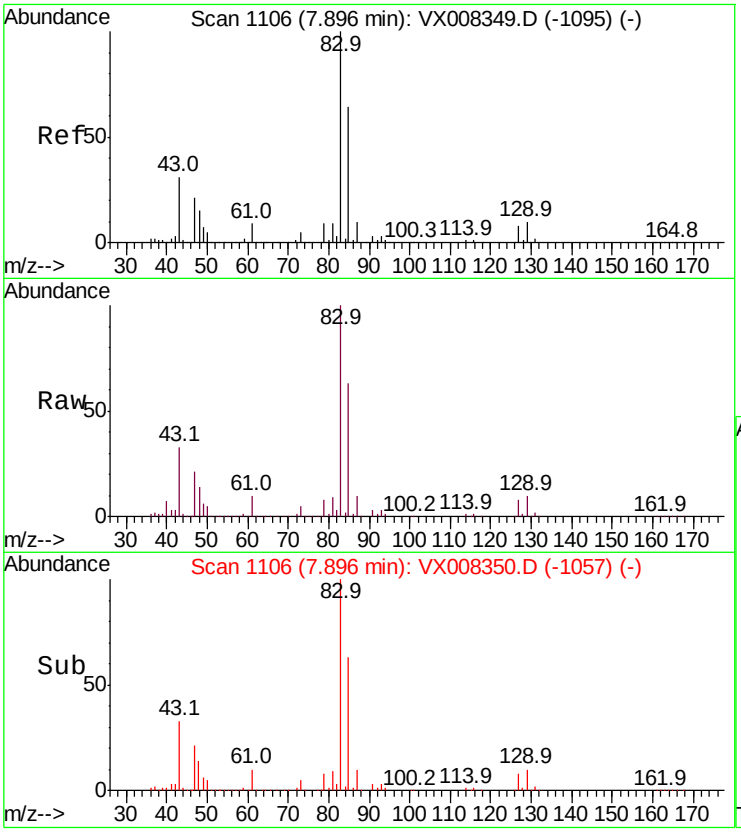


#46
Dibromomethane
Concen: 84.397 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 93 Resp: 171846

Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.8	100.2
174	94.1	97.3	145.9#

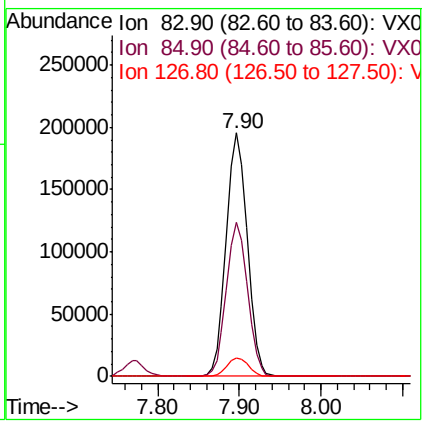




#47
Bromodichloromethane
Concen: 89.787 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

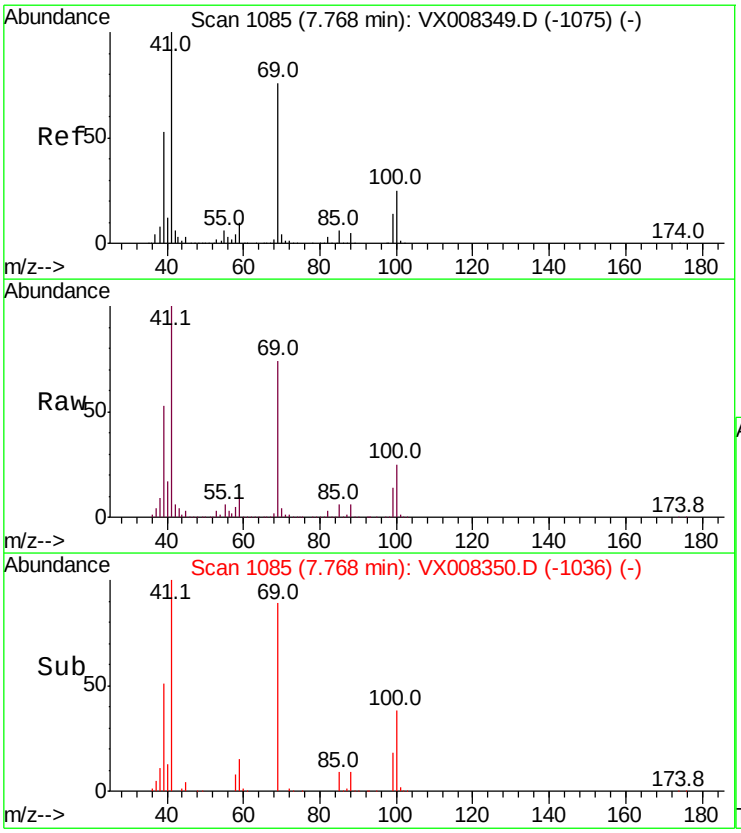
Tgt Ion: 83 Resp: 348418

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	7.6	7.4	11.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

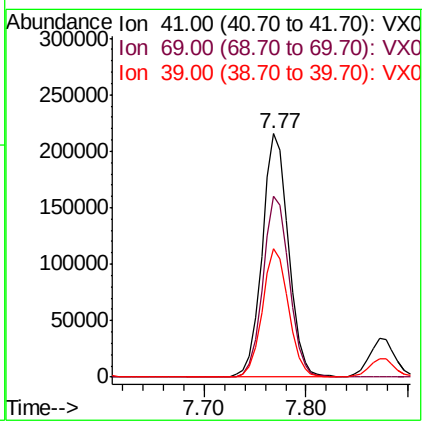
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

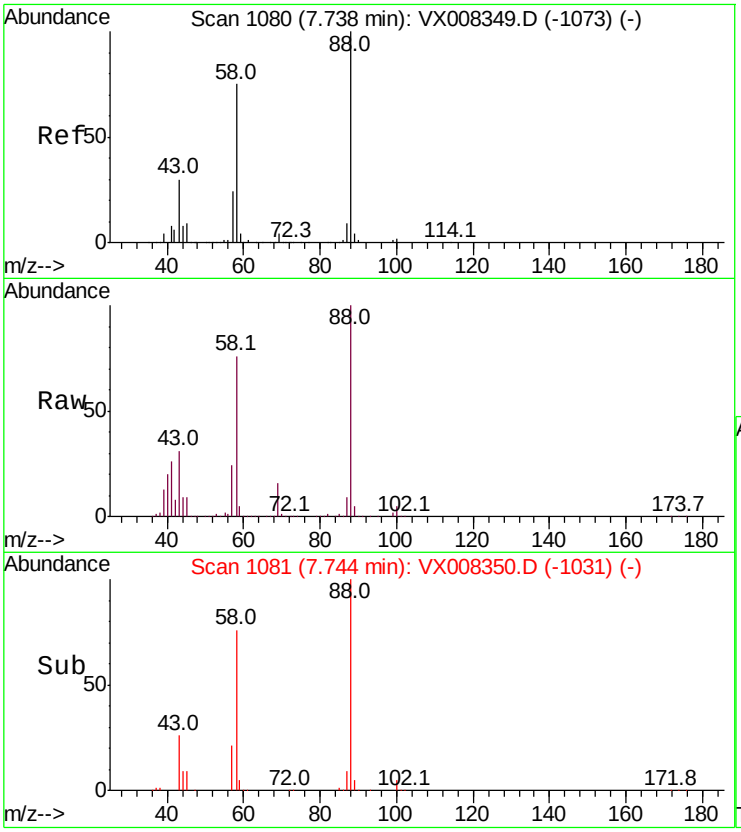


#48
Methyl methacrylate
Concen: 93.661 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 41 Resp: 382999

Ion	Ratio	Lower	Upper
41	100		
69	74.8	65.2	97.8
39	52.4	39.4	59.2

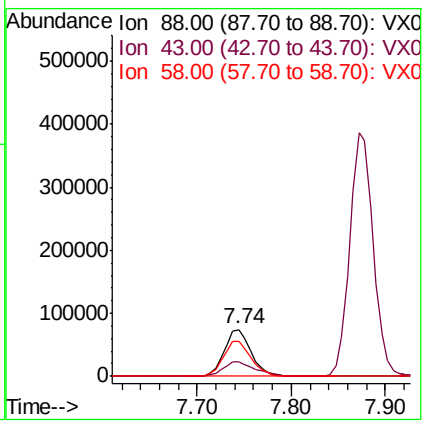




#49
1,4-Dioxane
Concen: 2025.069 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

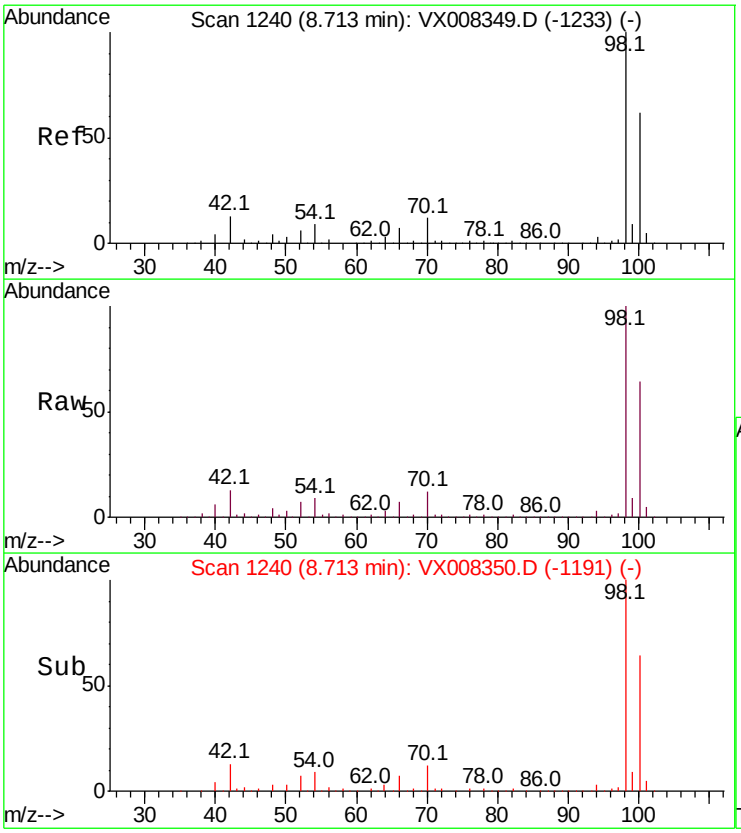
Tgt Ion: 88 Resp: 146130

Ion	Ratio	Lower	Upper
88	100		
43	36.3	25.1	37.7
58	78.1	57.8	86.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

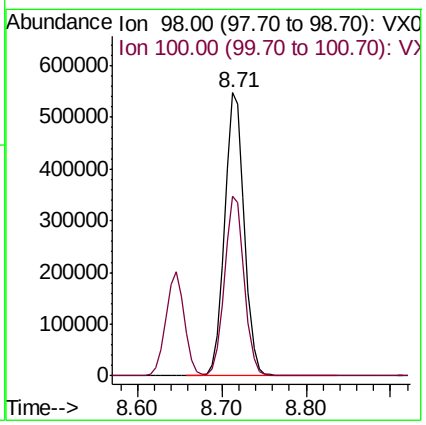
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

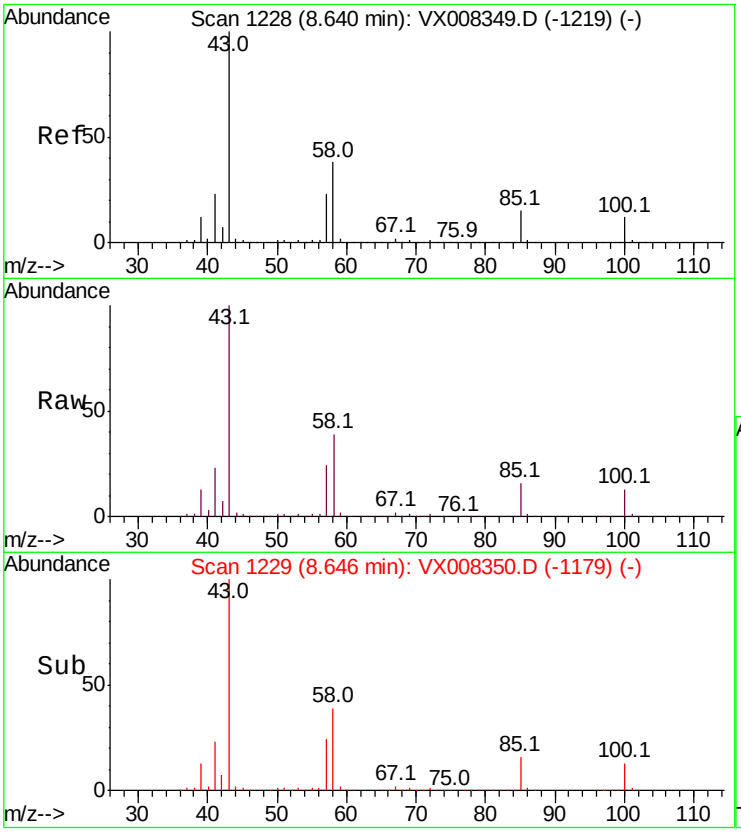


#50
Toluene-d8
Concen: 98.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 98 Resp: 869802

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5

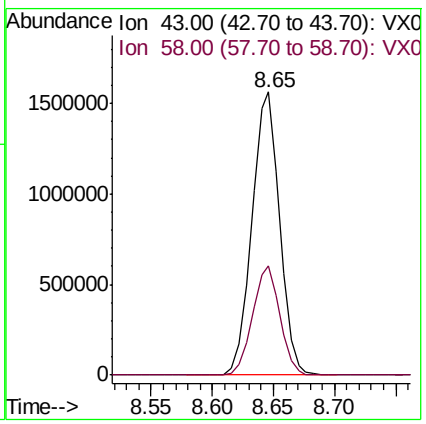




#51
4-Methyl-2-Pentanone
Concen: 495.734 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

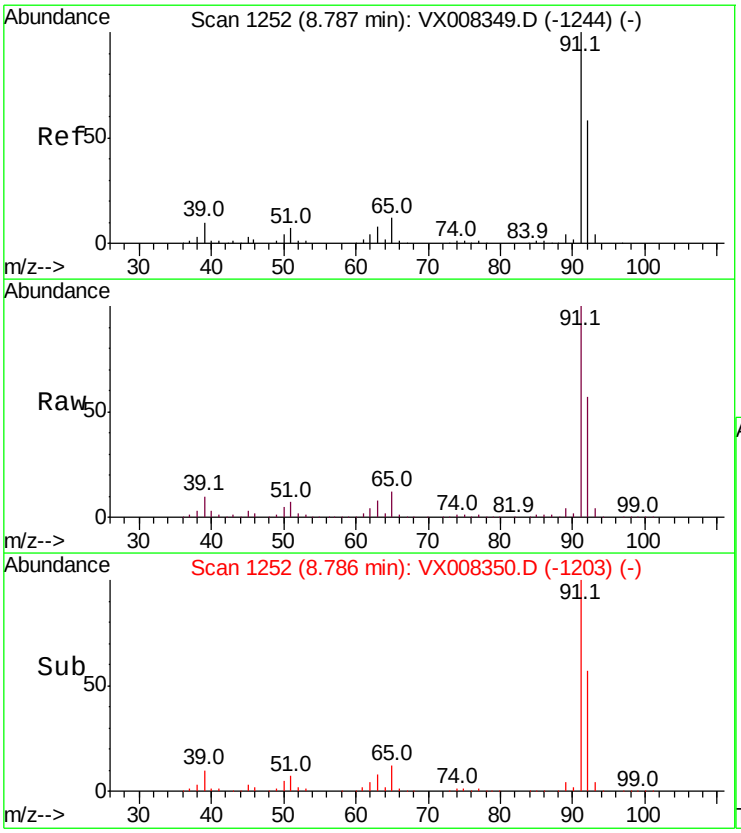
Tgt Ion: 43 Resp: 2464737

Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.3	46.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

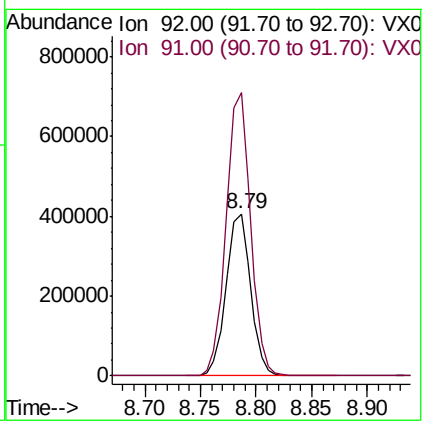
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

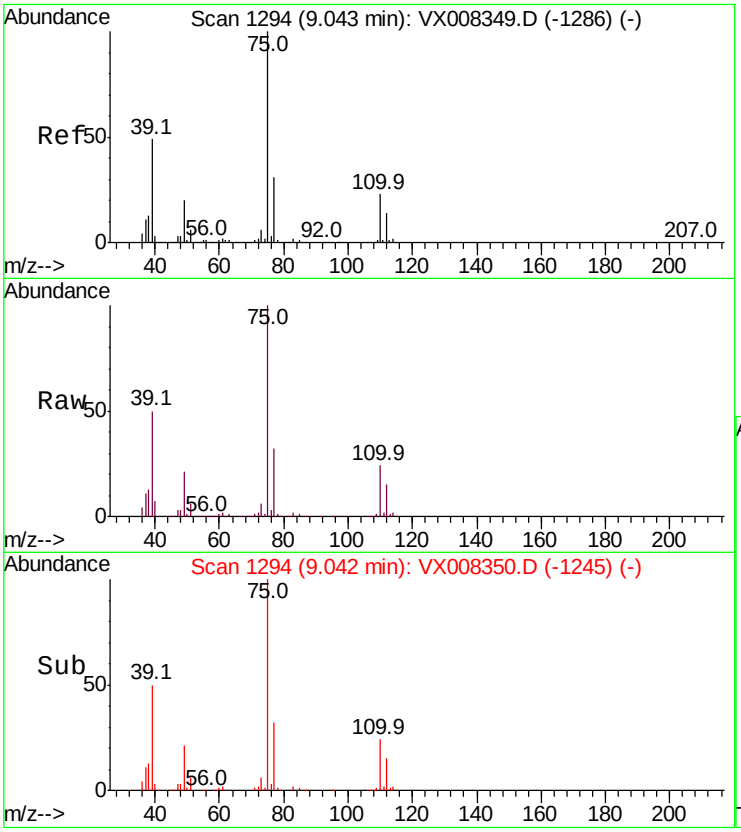


#52
Toluene
Concen: 87.149 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 92 Resp: 621115

Ion	Ratio	Lower	Upper
92	100		
91	174.1	137.4	206.0





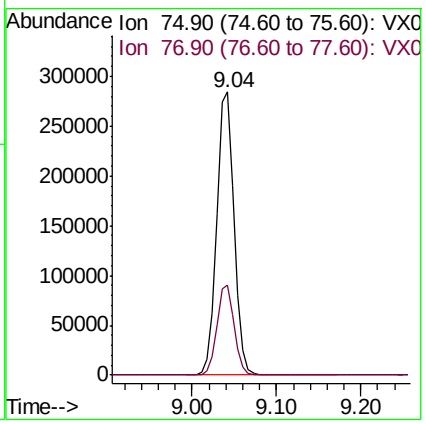
#53
t-1,3-Dichloropropene
Concen: 93.489 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

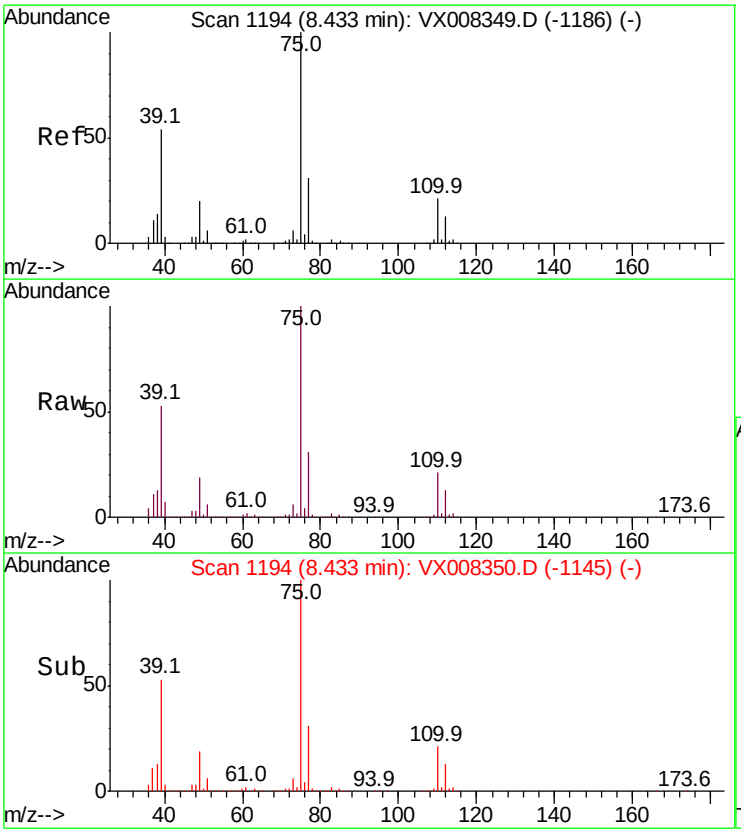
Tgt Ion: 75 Resp: 405999

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

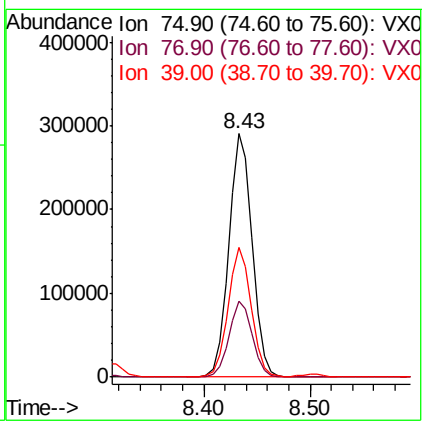


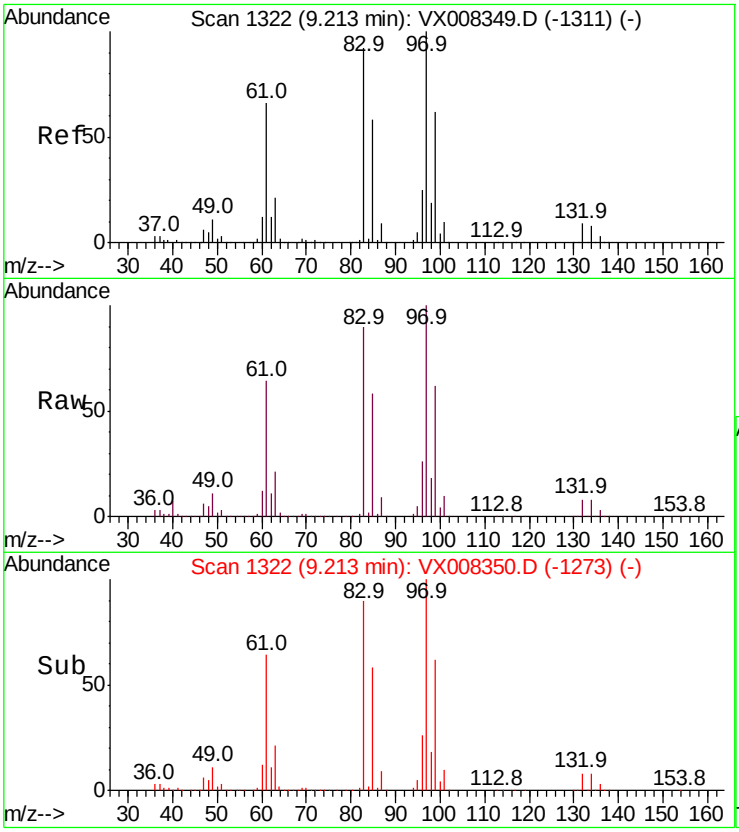


#54
cis-1,3-Dichloropropene
Concen: 92.573 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 75 Resp: 445823

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6
39	53.2	36.6	54.8

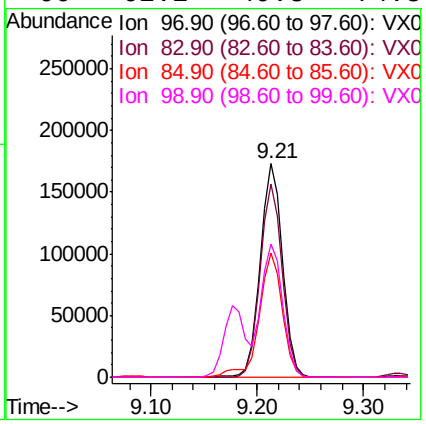




#55
1,1,2-Trichloroethane
Concen: 88.393 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

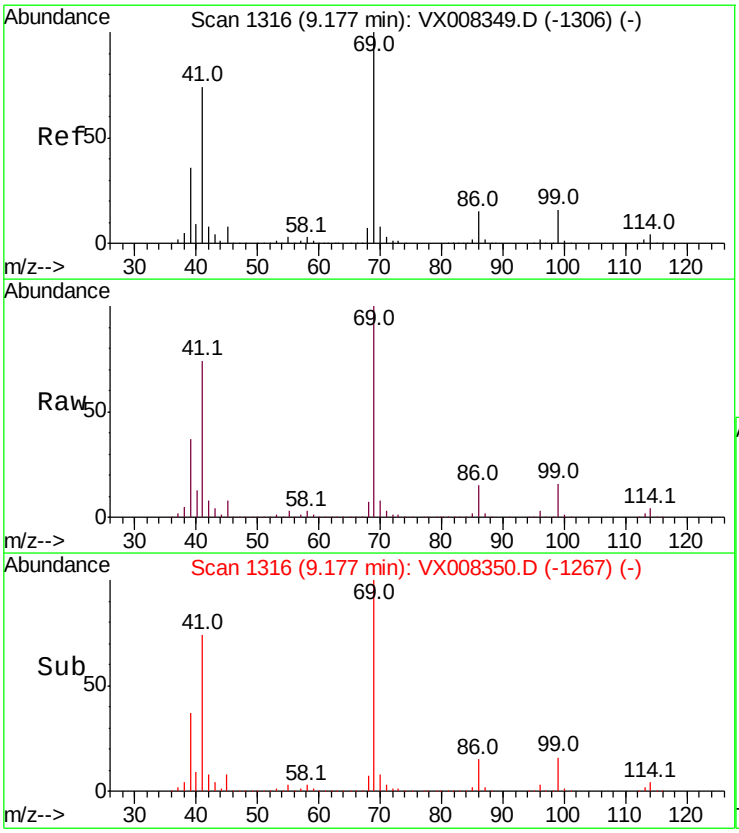
Tgt Ion: 97 Resp: 254532

Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.1	103.7
85	58.1	44.3	66.5
99	62.2	49.8	74.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

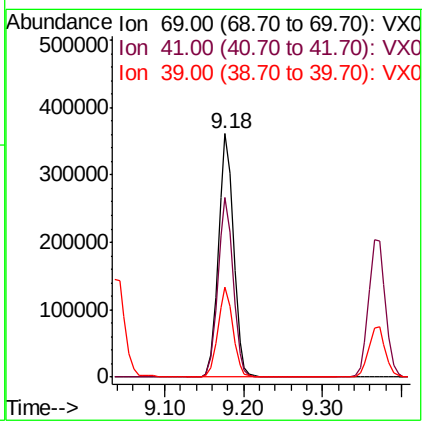
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

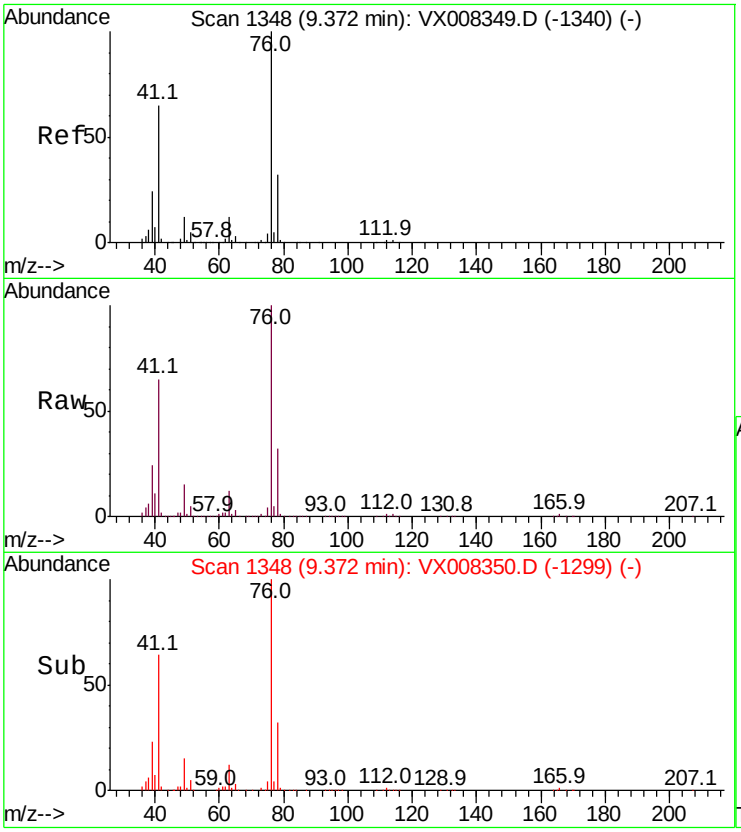


#56
Ethyl methacrylate
Concen: 105.222 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 69 Resp: 484671

Ion	Ratio	Lower	Upper
69	100		
41	74.1	54.2	81.4
39	36.4	25.0	37.4

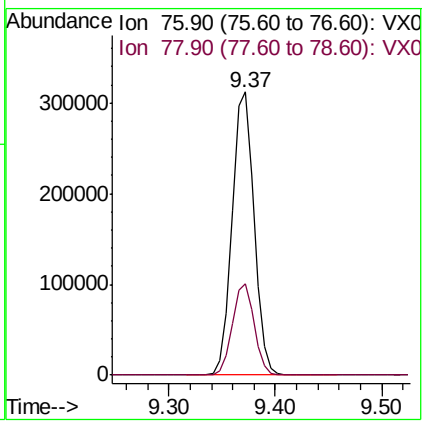




#57
1,3-Dichloropropane
Concen: 89.060 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

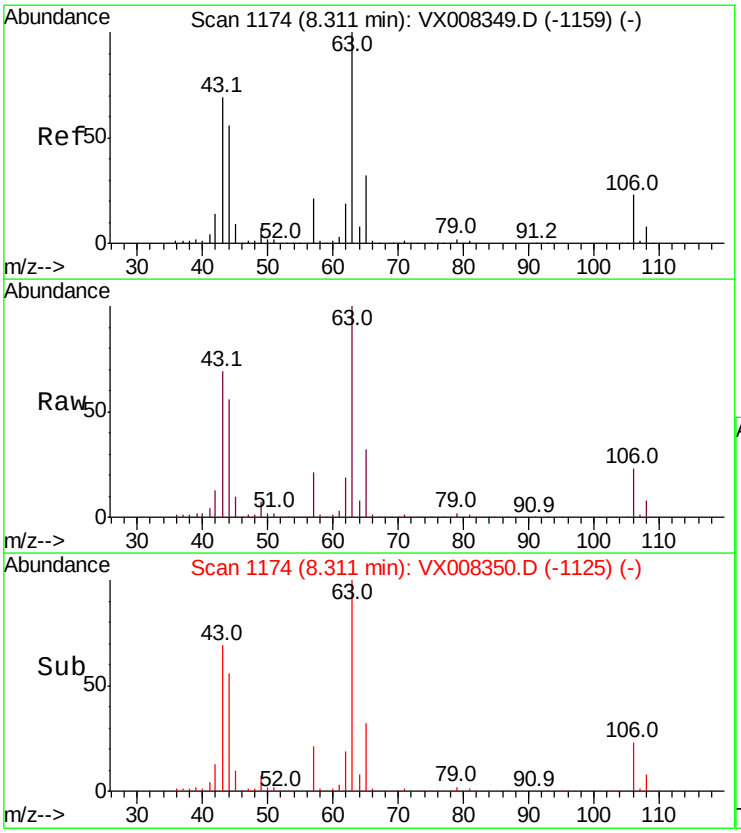
Tgt Ion: 76 Resp: 453665

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

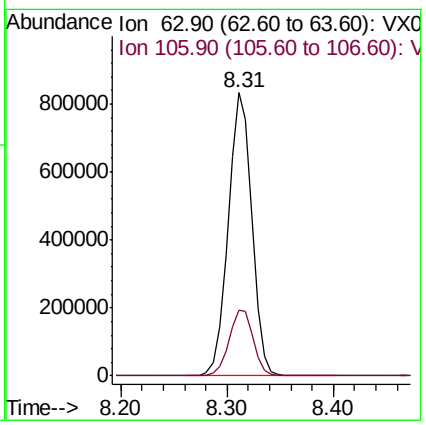
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

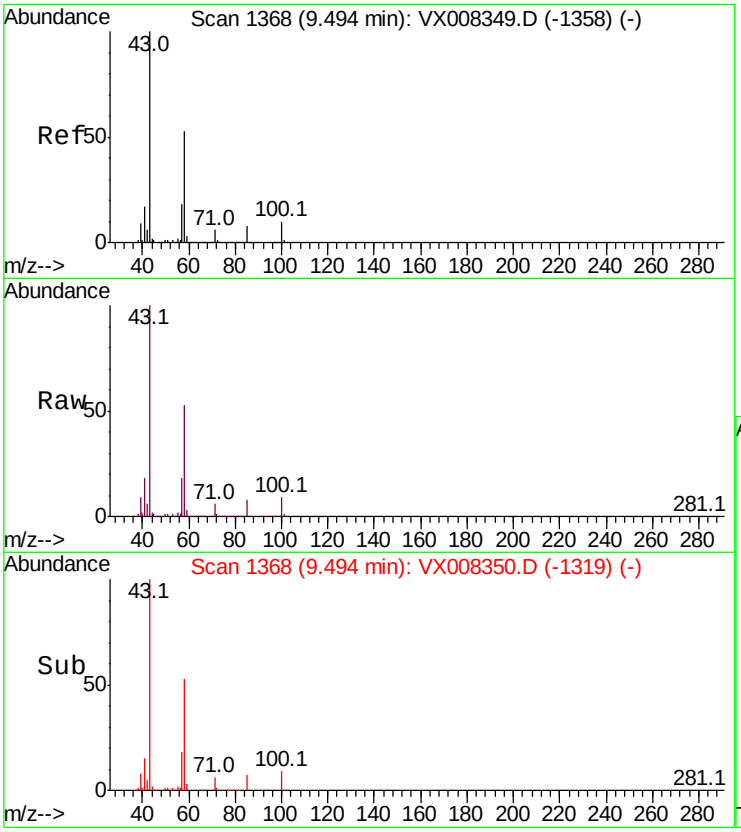


#58
2-Chloroethyl Vinyl ether
Concen: 548.179 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 63 Resp: 1293320

Ion	Ratio	Lower	Upper
63	100		
106	23.7	22.2	33.2





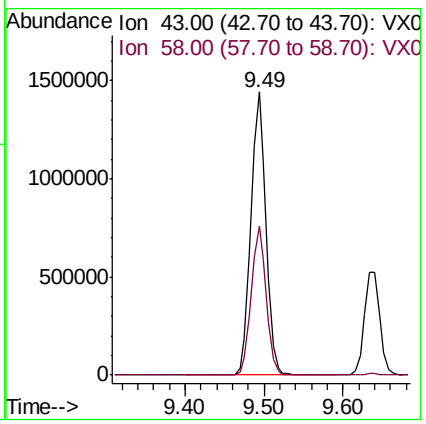
#59
2-Hexanone
Concen: 499.883 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

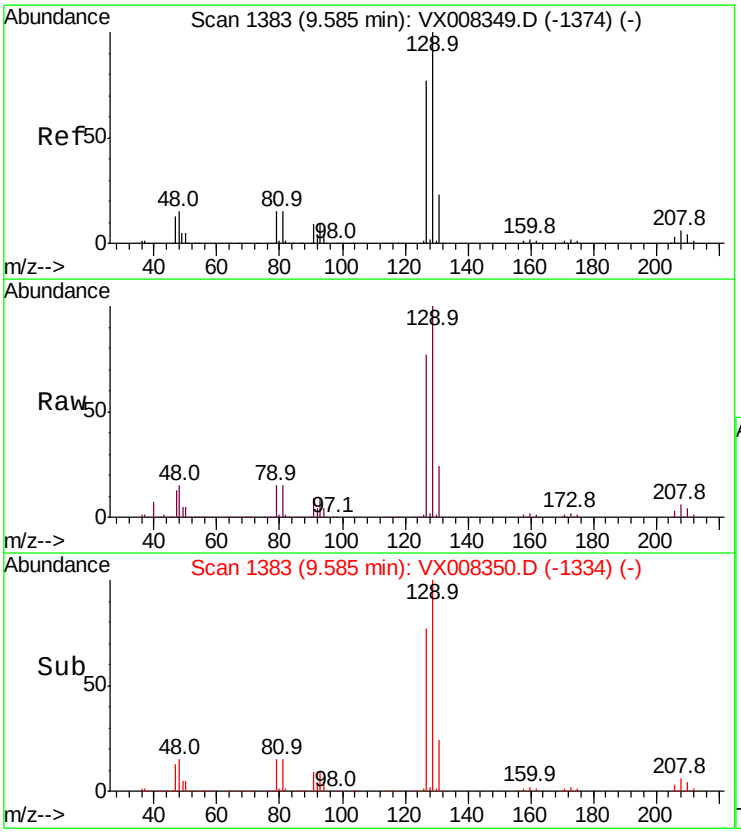
Tgt Ion: 43 Resp: 1913427

Ion	Ratio	Lower	Upper
43	100		
58	52.6	27.6	82.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

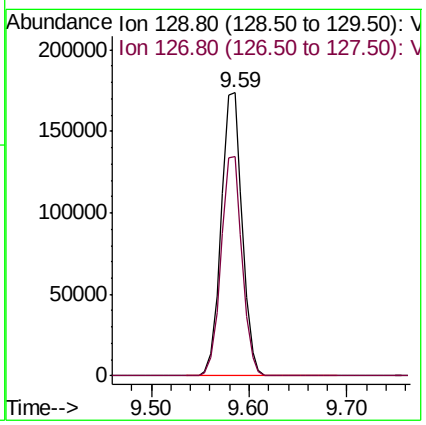


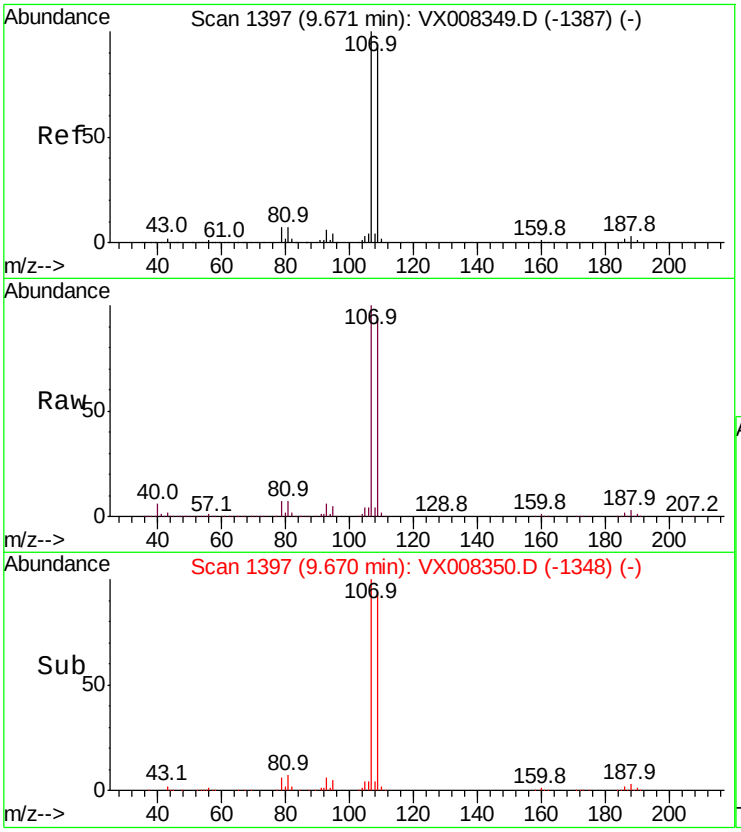


#60
Dibromochloromethane
Concen: 93.094 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:129 Resp: 257626

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.3	114.8





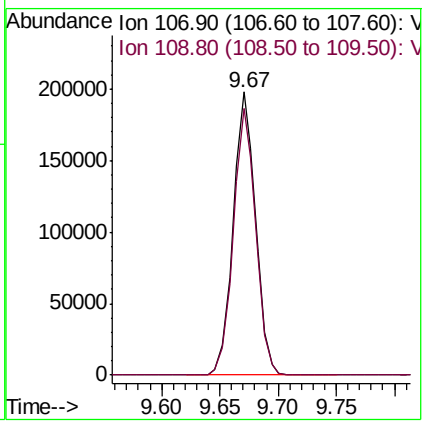
#61
1,2-Dibromoethane
Concen: 88.157 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

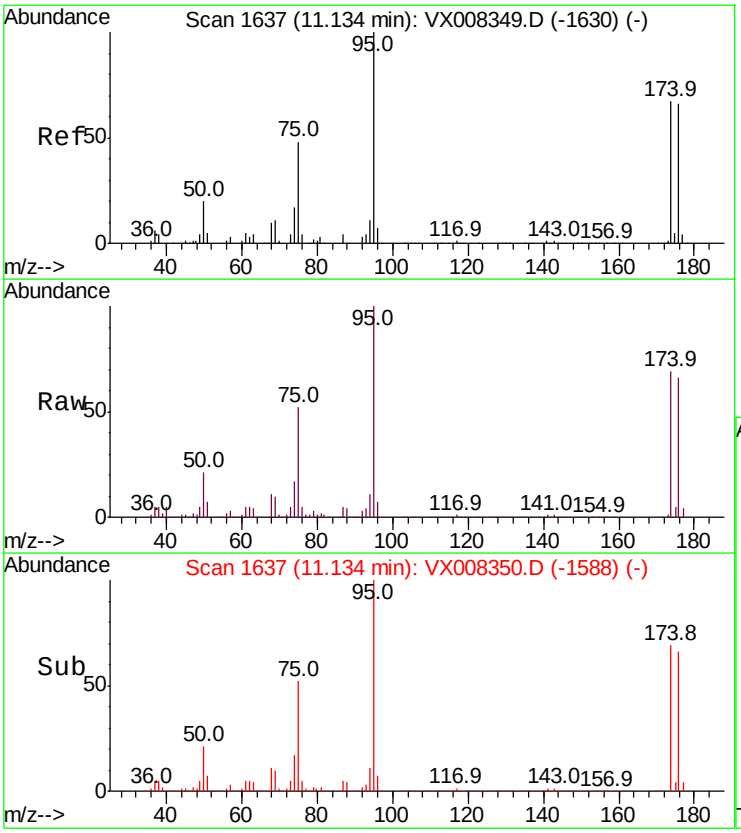
Tgt Ion:107 Resp: 265064

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

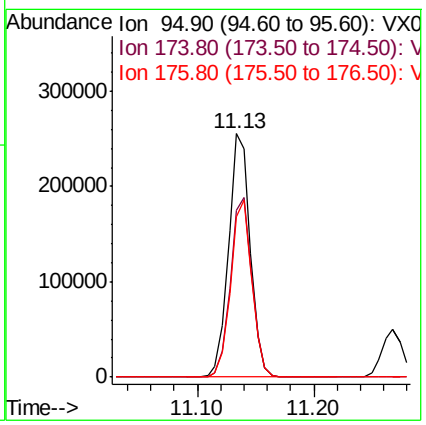


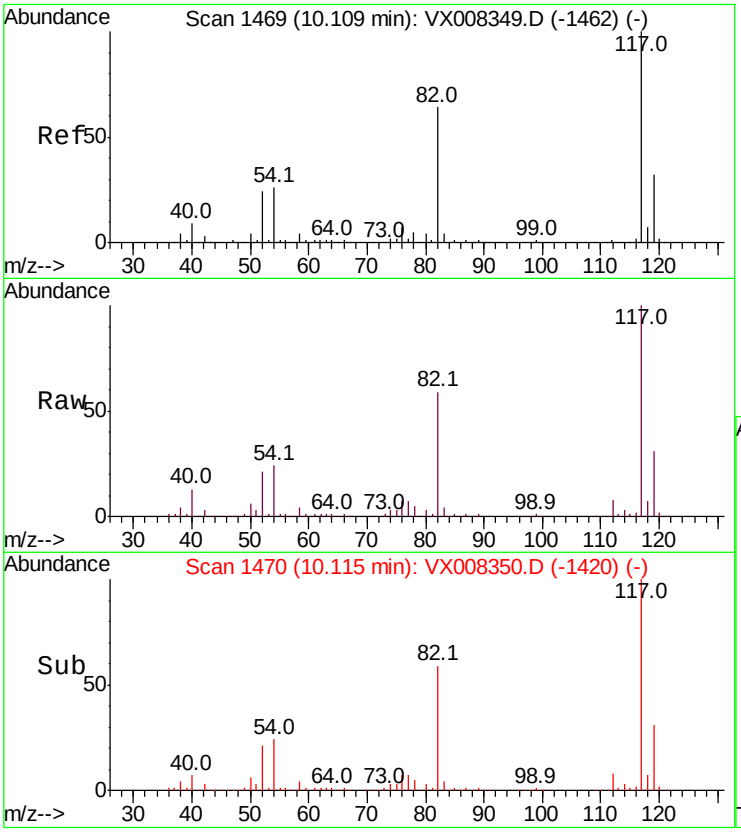


#62
4-Bromofluorobenzene
Concen: 108.039 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 95 Resp: 329149

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	182.8
176	71.5	0.0	178.0

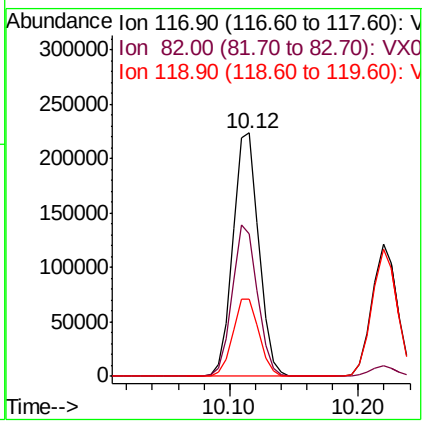




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

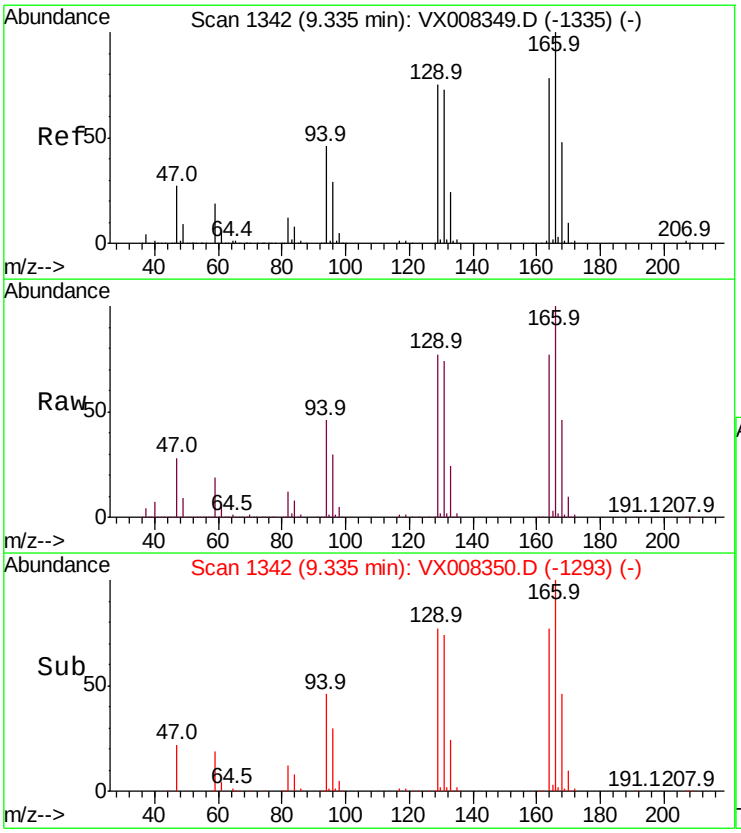
Tgt Ion:117 Resp: 312822

Ion	Ratio	Lower	Upper
117	100		
82	58.7	44.3	66.5
119	31.5	25.3	37.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

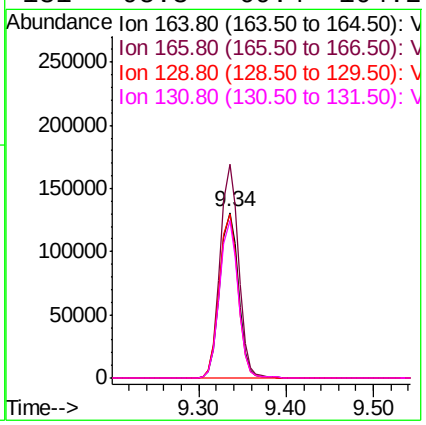
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

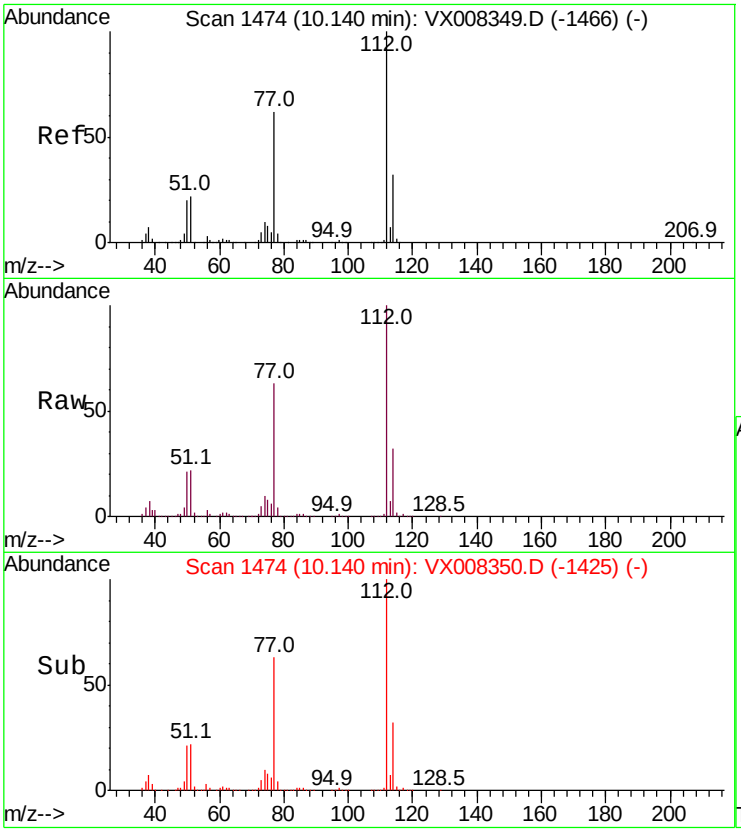


#64
Tetrachloroethene
Concen: 68.428 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:164 Resp: 193120

Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.4	155.0
129	99.0	72.2	108.4
131	95.3	69.4	104.2





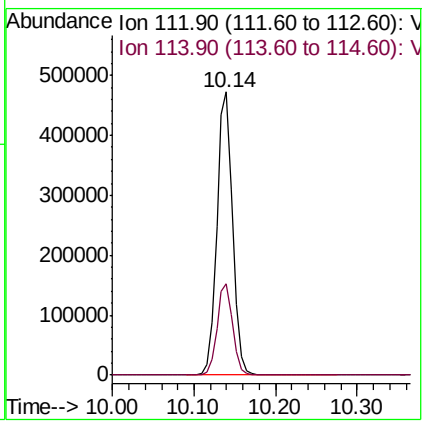
#65
Chlorobenzene
Concen: 82.780 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

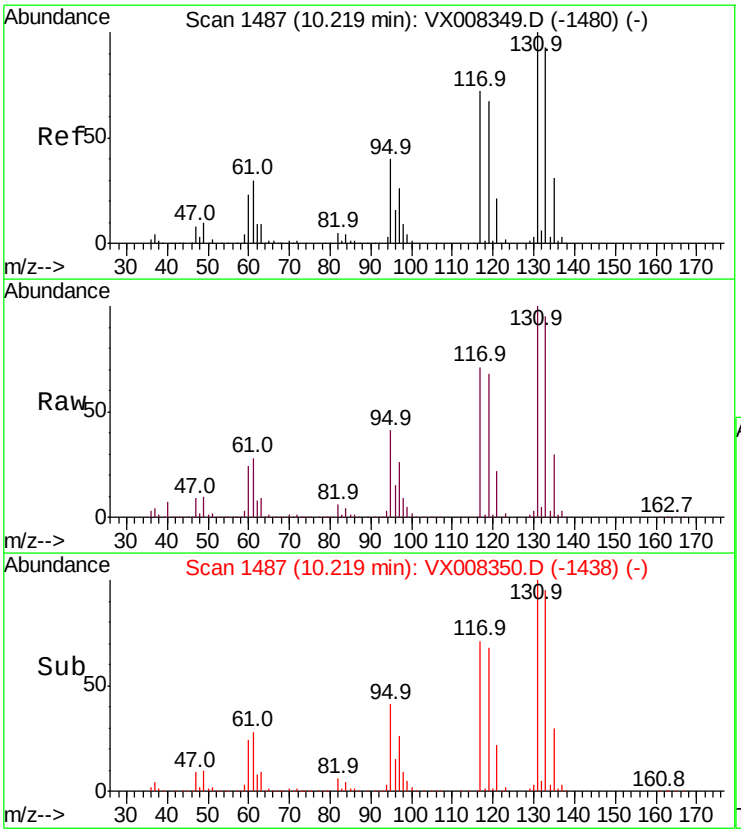
Tgt Ion:112 Resp: 637183

Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

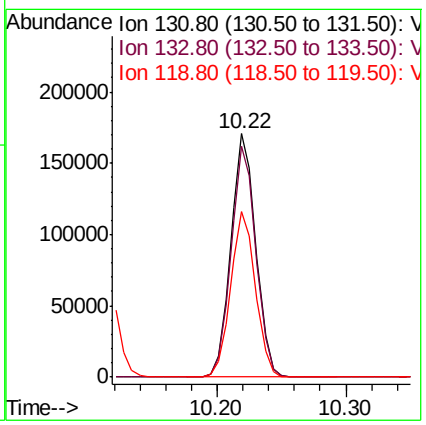


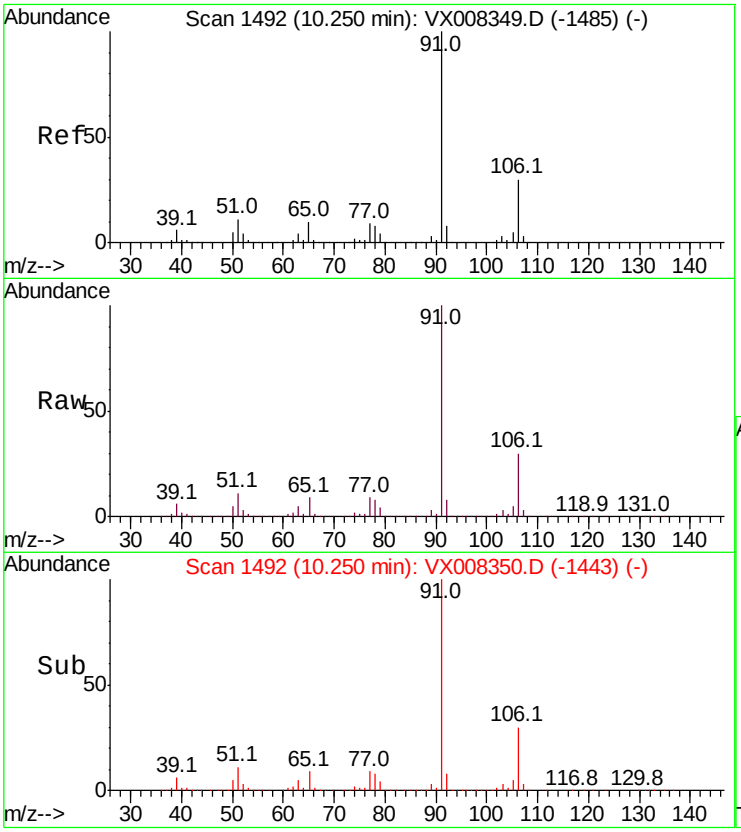


#66
1,1,1,2-Tetrachloroethane
Concen: 85.546 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:131 Resp: 229582

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.8	143.3
119	67.7	32.5	97.5





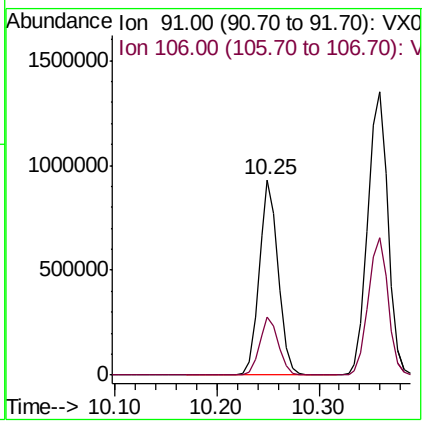
#67
Ethyl Benzene
Concen: 89.479 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

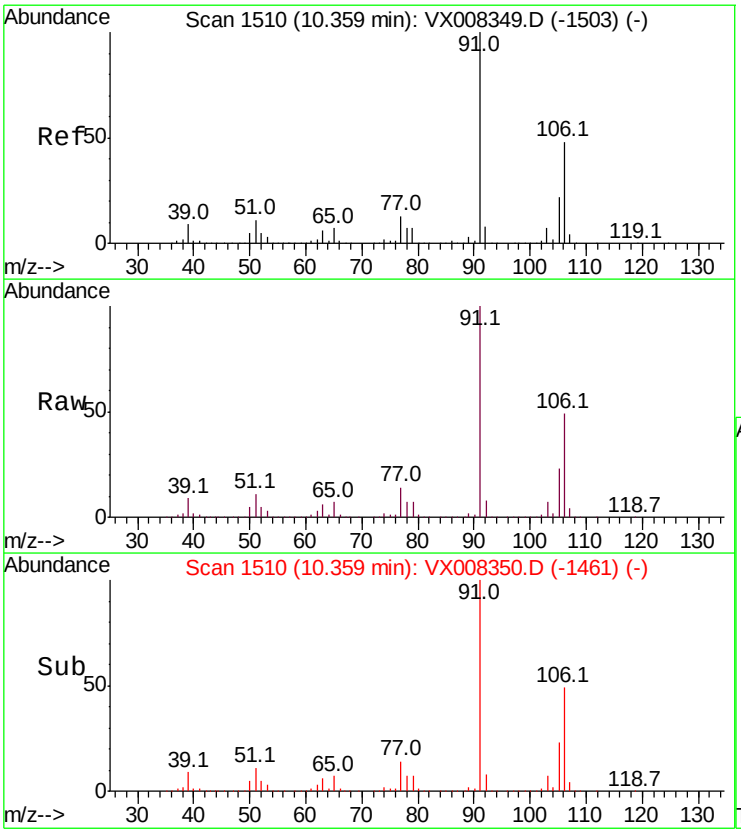
Tgt Ion: 91 Resp: 1213704

Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

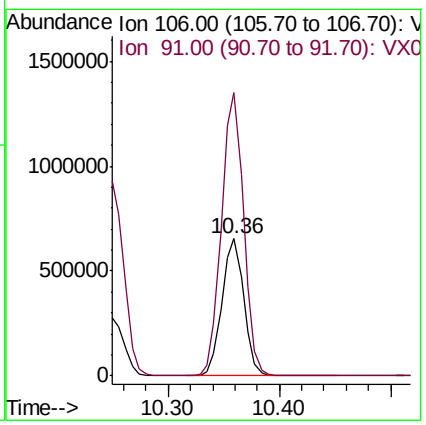


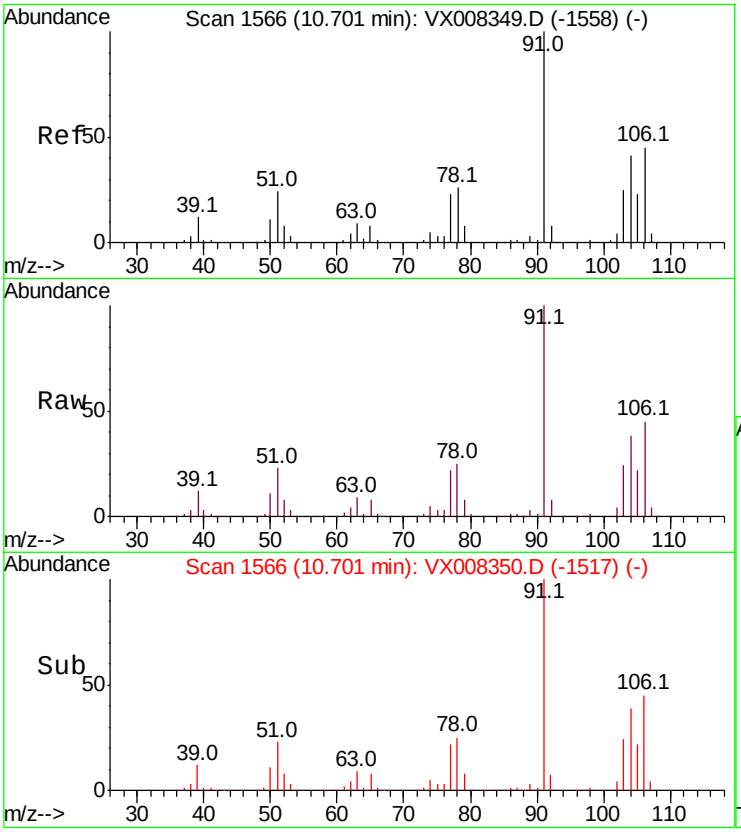


#68
m/p-Xylenes
Concen: 178.326 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:106 Resp: 888538

Ion	Ratio	Lower	Upper
106	100		
91	209.0	159.8	239.6

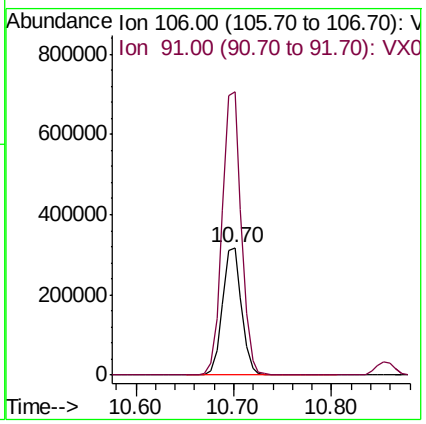




#69
o-Xylene
Concen: 88.803 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

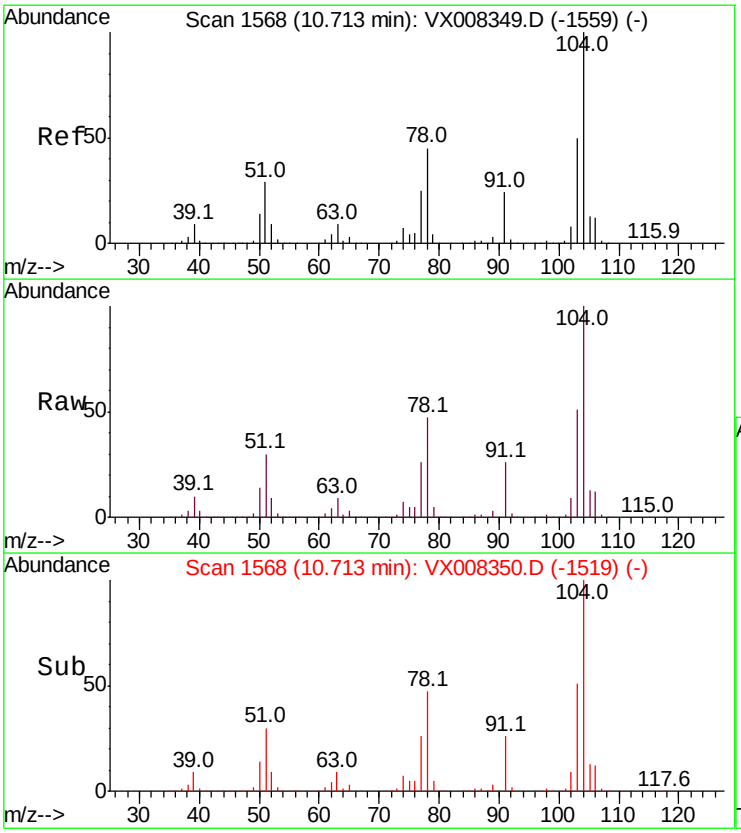
Tgt Ion:106 Resp: 429956

Ion	Ratio	Lower	Upper
106	100		
91	221.6	106.3	318.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

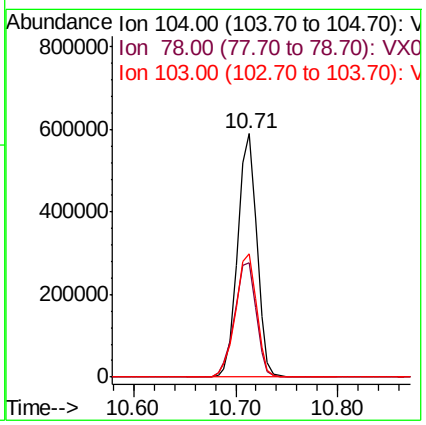
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

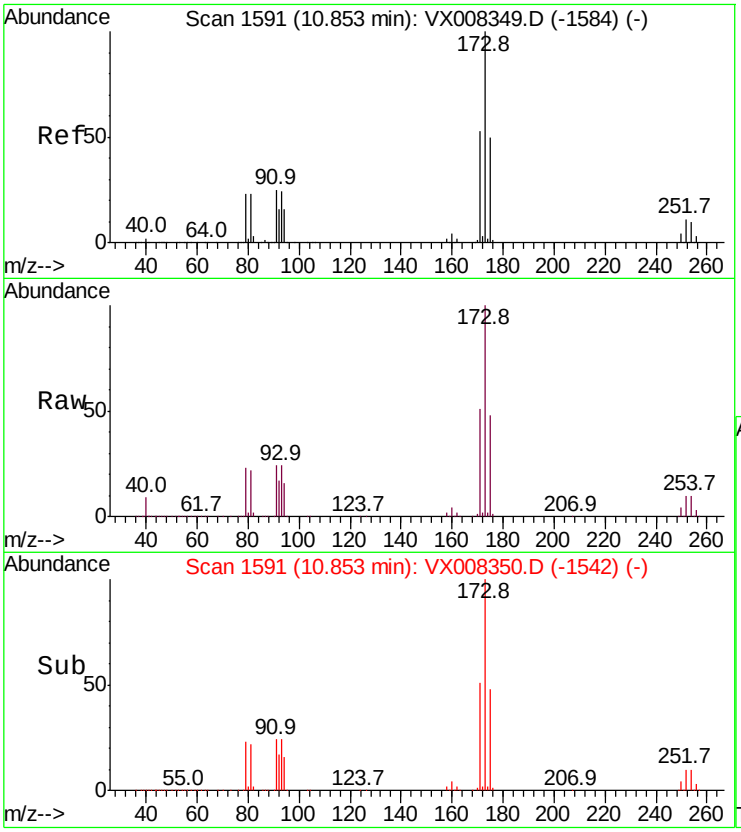


#70
Styrene
Concen: 96.608 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:104 Resp: 760158

Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.5	57.7
103	55.6	44.1	66.1





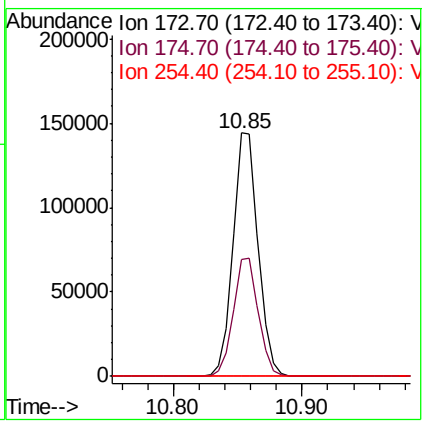
#71
Bromoform
Concen: 95.382 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

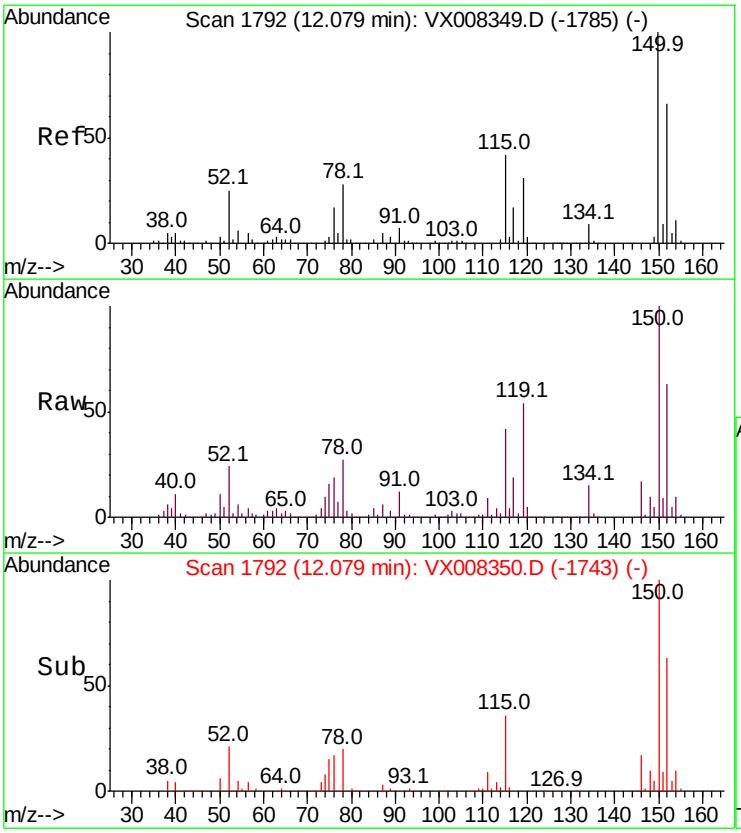
Tgt Ion:173 Resp: 194716

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.9
254	0.2	0.1	0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

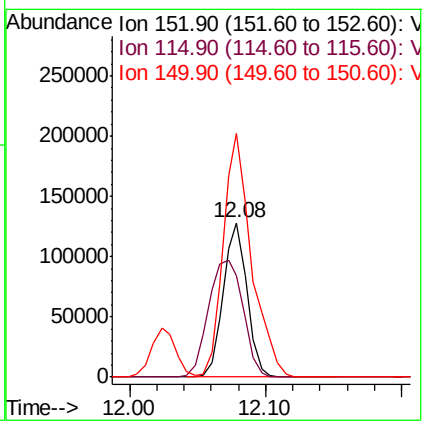


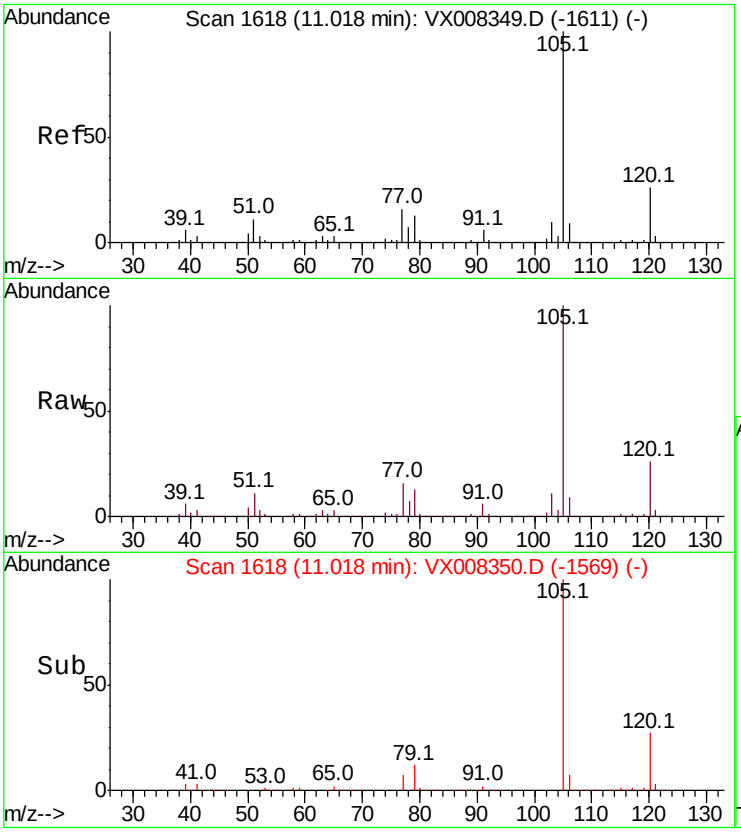


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:152 Resp: 153772

Ion	Ratio	Lower	Upper
152	100		
115	110.8	38.6	115.7
150	188.7	0.0	348.4





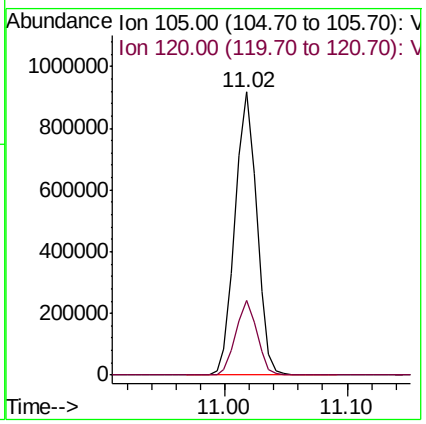
#73
Isopropylbenzene
Concen: 82.073 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

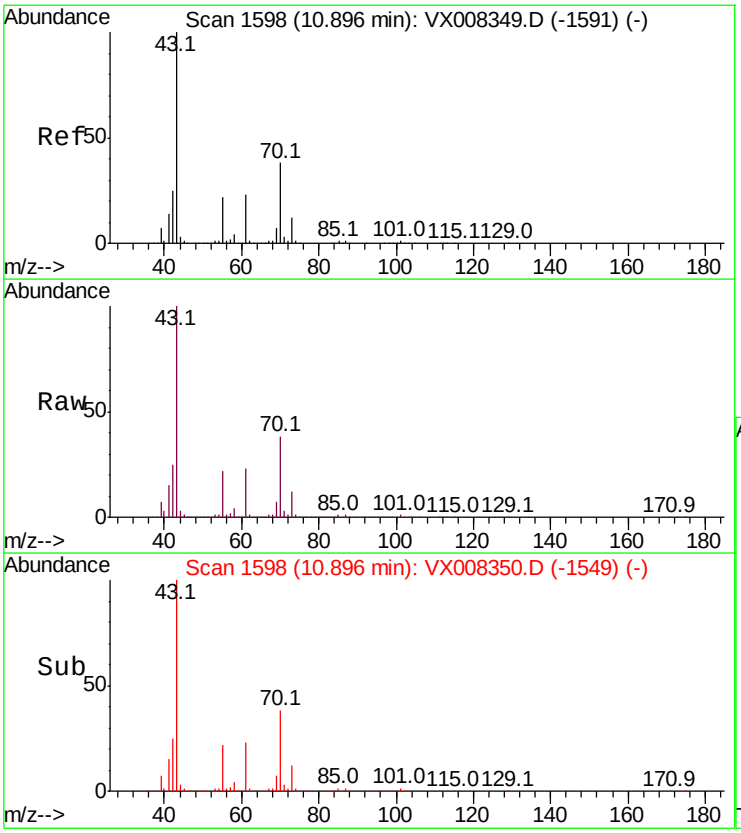
Tgt Ion:105 Resp: 1124940

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.4	40.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

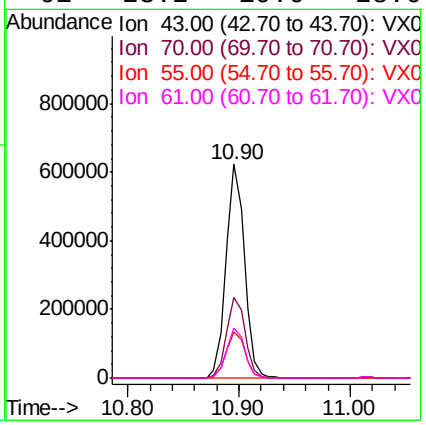


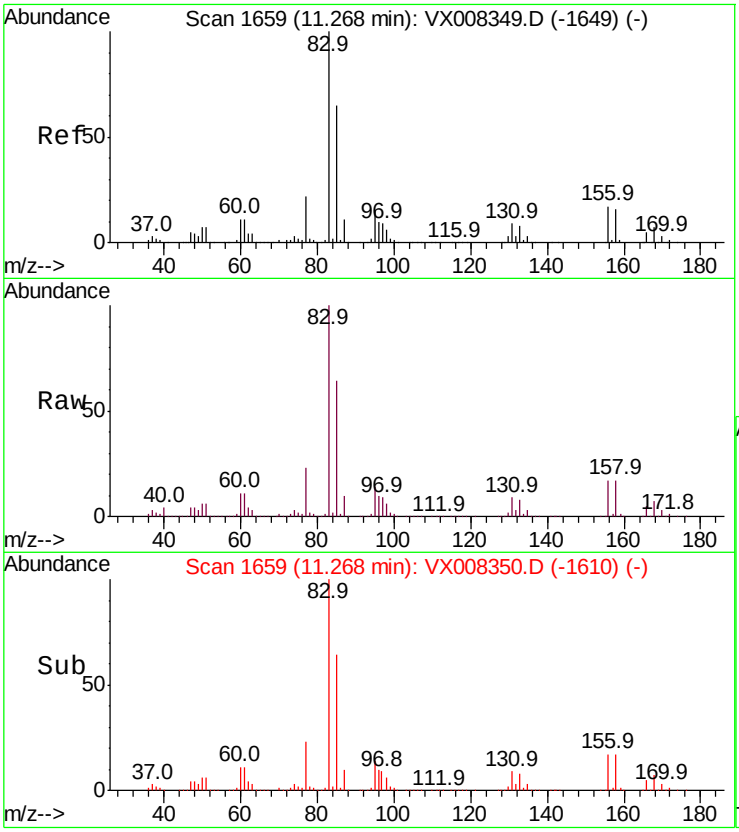


#74
N-amyl acetate
Concen: 99.394 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 43 Resp: 713776

Ion	Ratio	Lower	Upper
43	100		
70	38.2	33.5	50.3
55	22.3	19.2	28.8
61	23.2	19.0	28.6

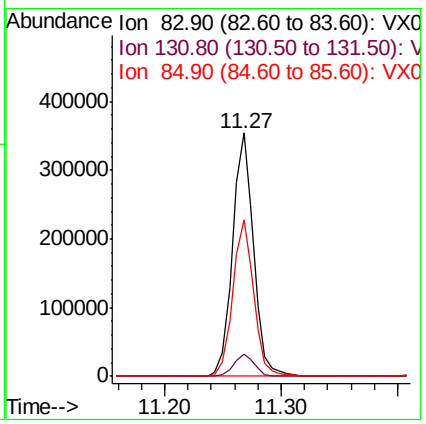




#75
1,1,2,2-Tetrachloroethane
Concen: 90.296 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

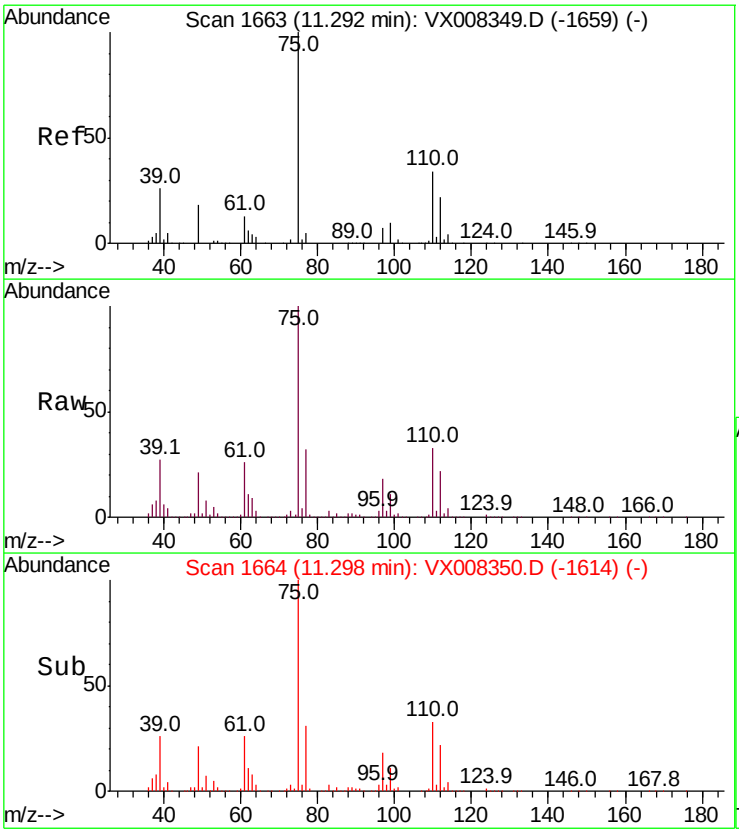
Tgt Ion: 83 Resp: 443793

Ion	Ratio	Lower	Upper
83	100		
131	8.9	5.4	16.2
85	64.4	32.3	96.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

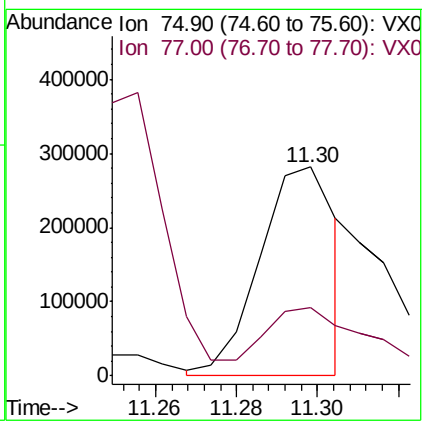
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

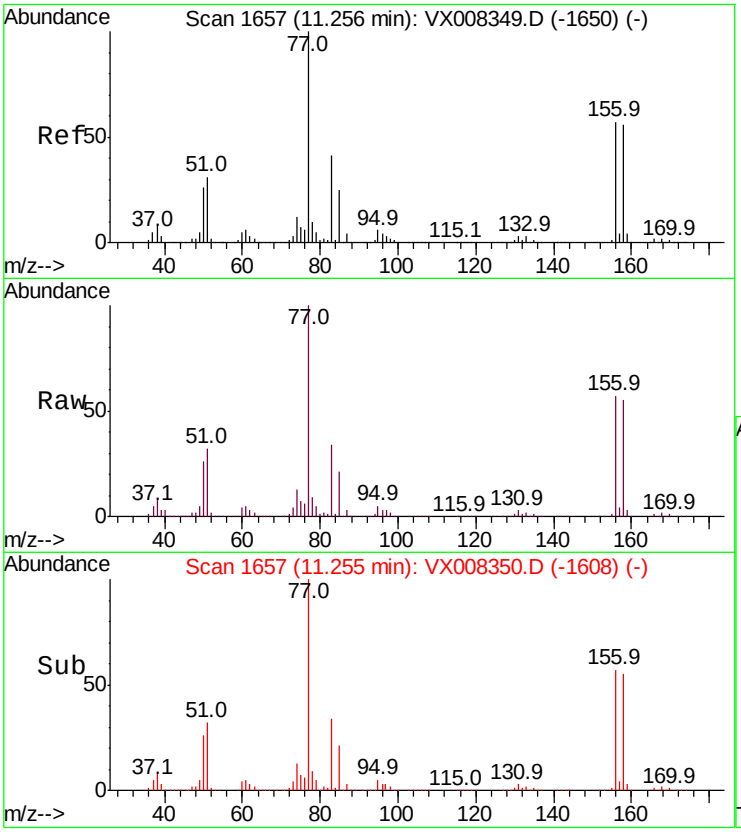


#76
1,2,3-Trichloropropane
Concen: 84.666 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 75 Resp: 366182

Ion	Ratio	Lower	Upper
75	100		
77	44.0	18.9	56.7

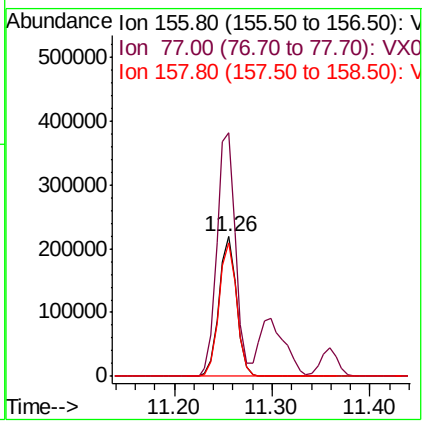




#77
Bromobenzene
Concen: 82.190 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

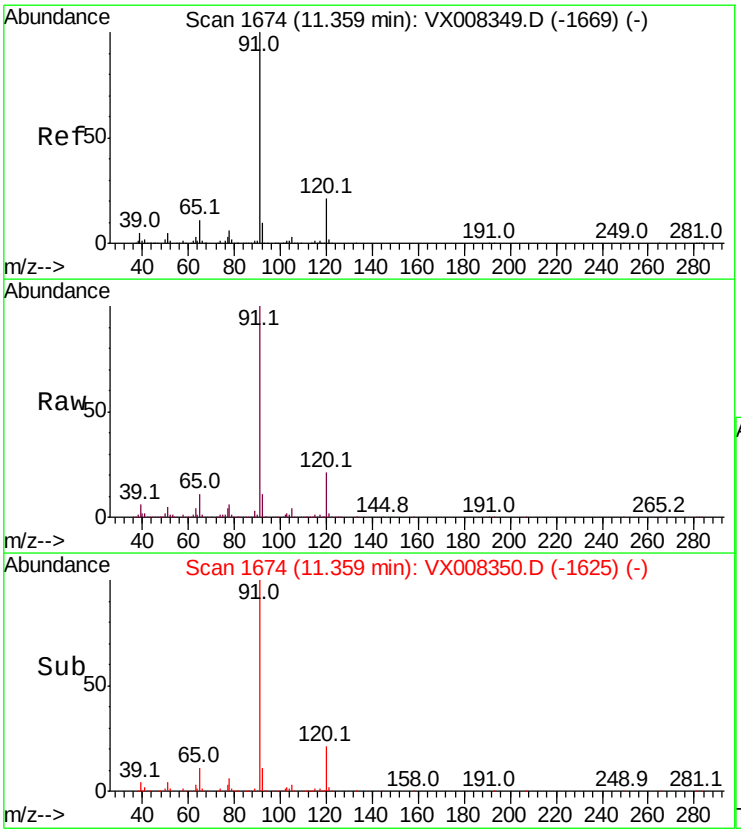
Tgt Ion:156 Resp: 272379

Ion	Ratio	Lower	Upper
156	100		
77	183.5	72.0	215.9
158	96.4	48.6	145.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

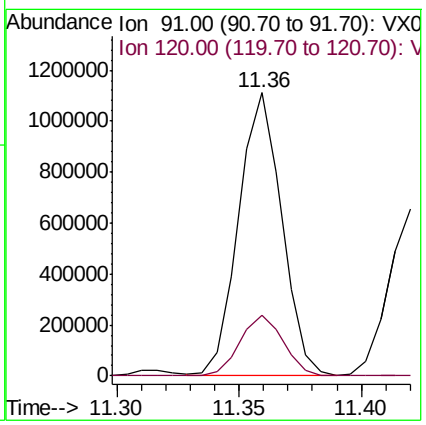
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

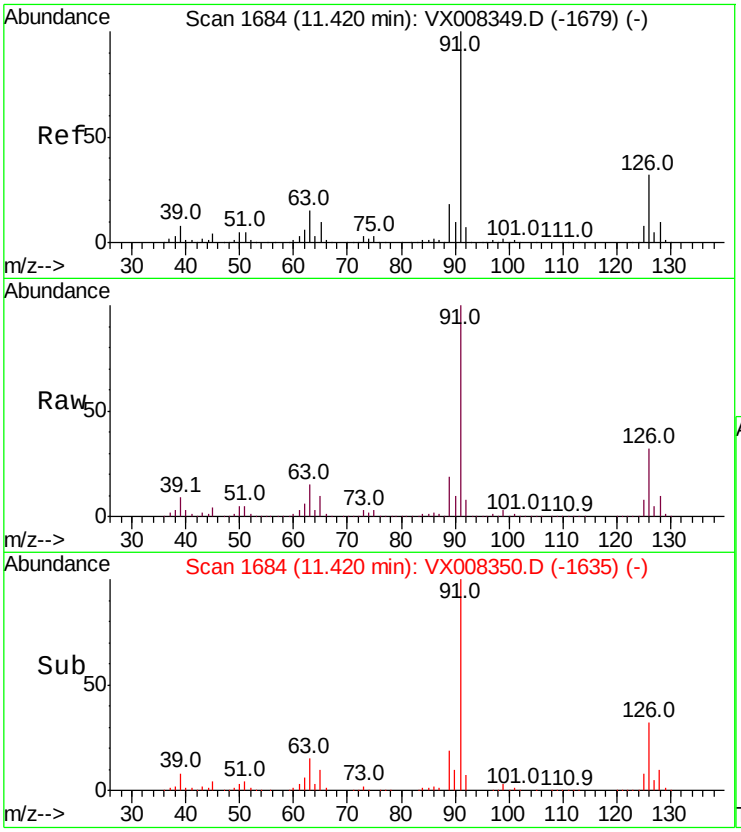


#78
n-propylbenzene
Concen: 84.862 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 91 Resp: 1350963

Ion	Ratio	Lower	Upper
91	100		
120	21.6	12.0	36.0





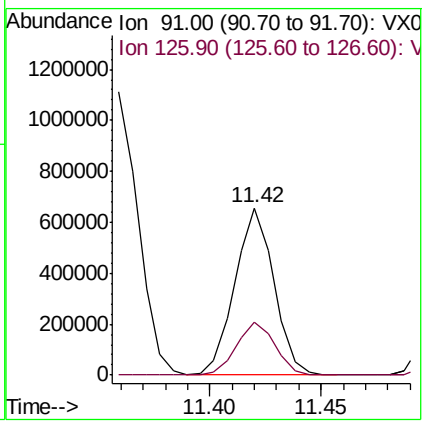
#79
2-Chlorotoluene
Concen: 83.774 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

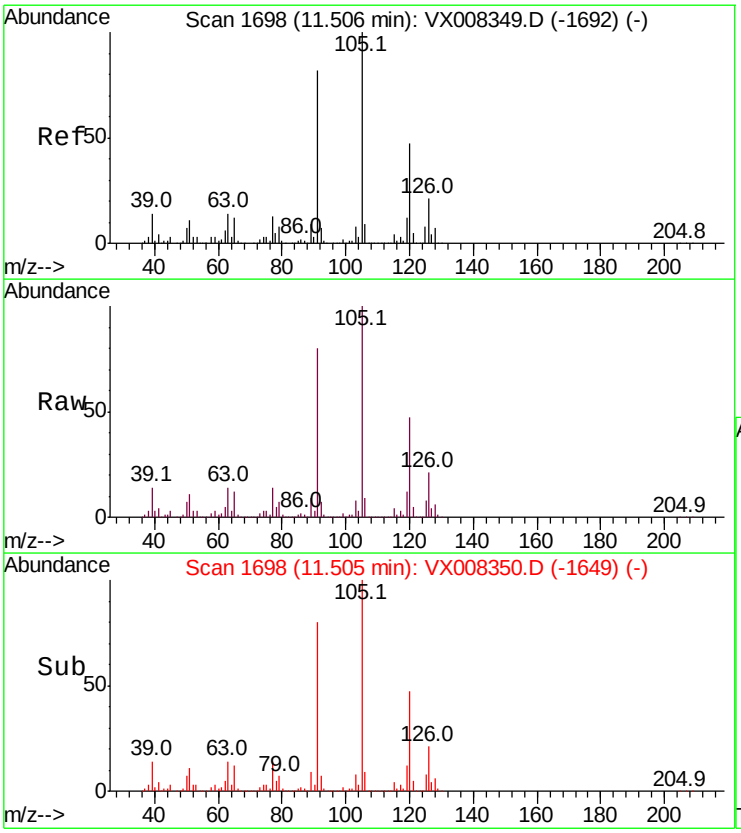
Tgt Ion: 91 Resp: 800464

Ion	Ratio	Lower	Upper
91	100		
126	31.7	17.5	52.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

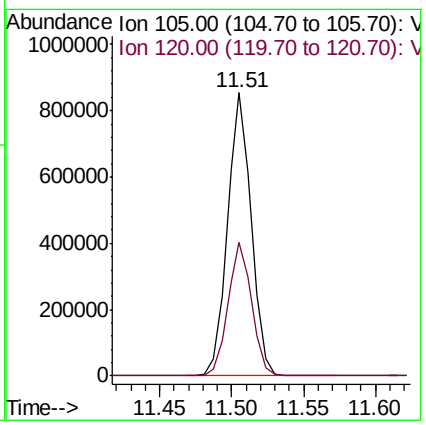


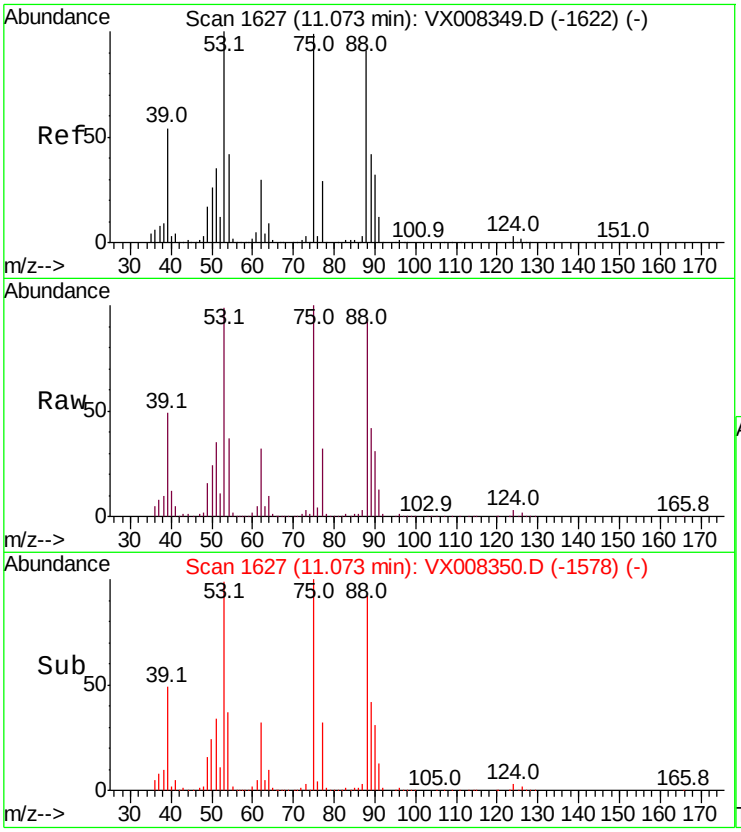


#80
1,3,5-Trimethylbenzene
Concen: 87.118 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:105 Resp: 986500

Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.9	74.6





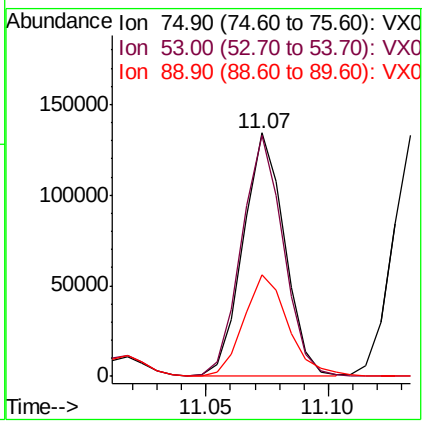
#81
trans-1,4-Dichloro-2-butene
Concen: 104.460 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

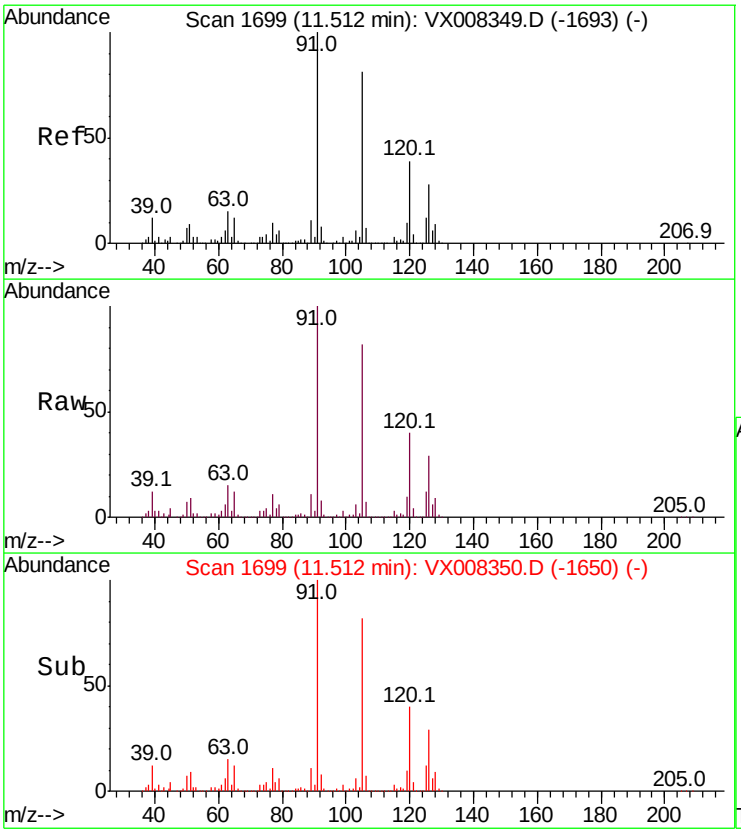
Tgt Ion: 75 Resp: 157951

Ion	Ratio	Lower	Upper
75	100		
53	100.0	76.1	114.1
89	45.1	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

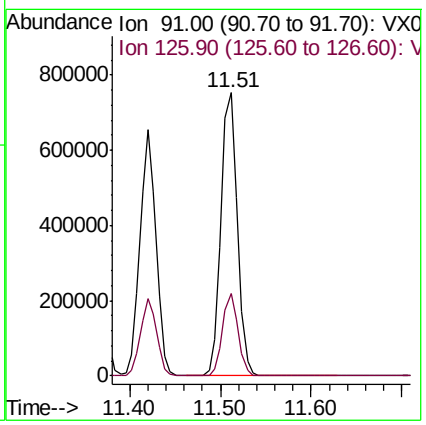


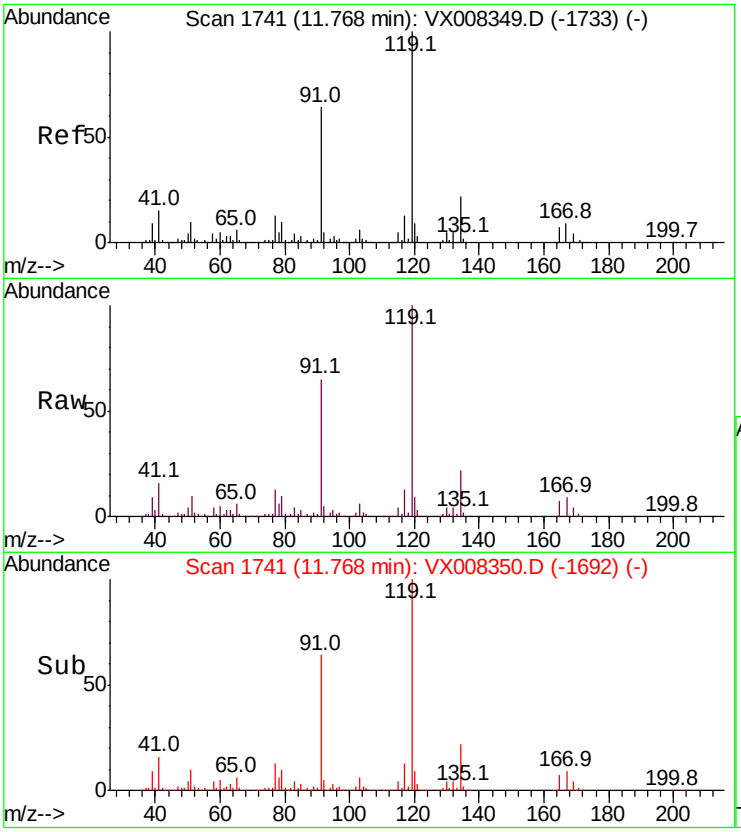


#82
4-Chlorotoluene
Concen: 85.420 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 91 Resp: 949770

Ion	Ratio	Lower	Upper
91	100		
126	27.8	15.6	46.8

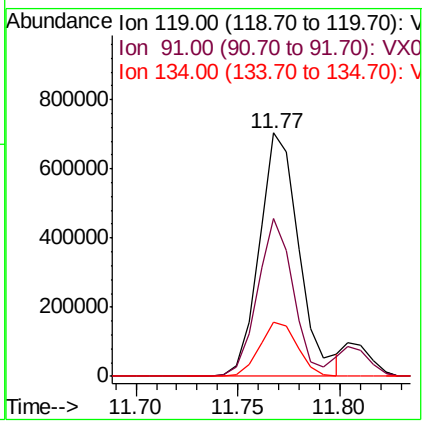




#83
tert-Butylbenzene
Concen: 88.210 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

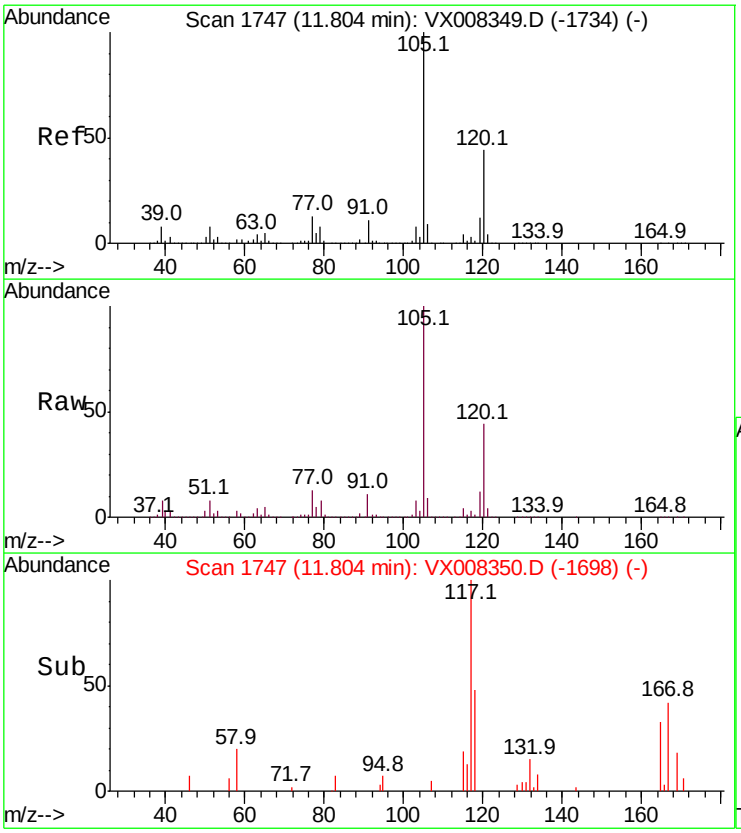
Tgt Ion:119 Resp: 953656

Ion	Ratio	Lower	Upper
119	100		
91	58.2	27.1	81.3
134	21.2	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

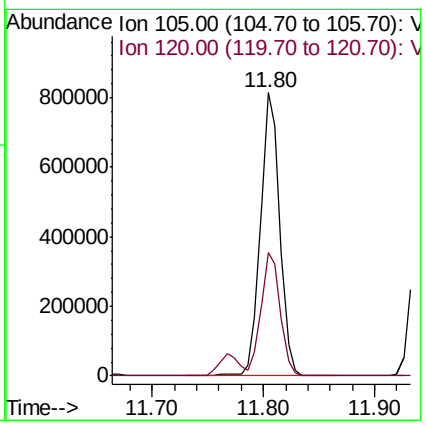
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

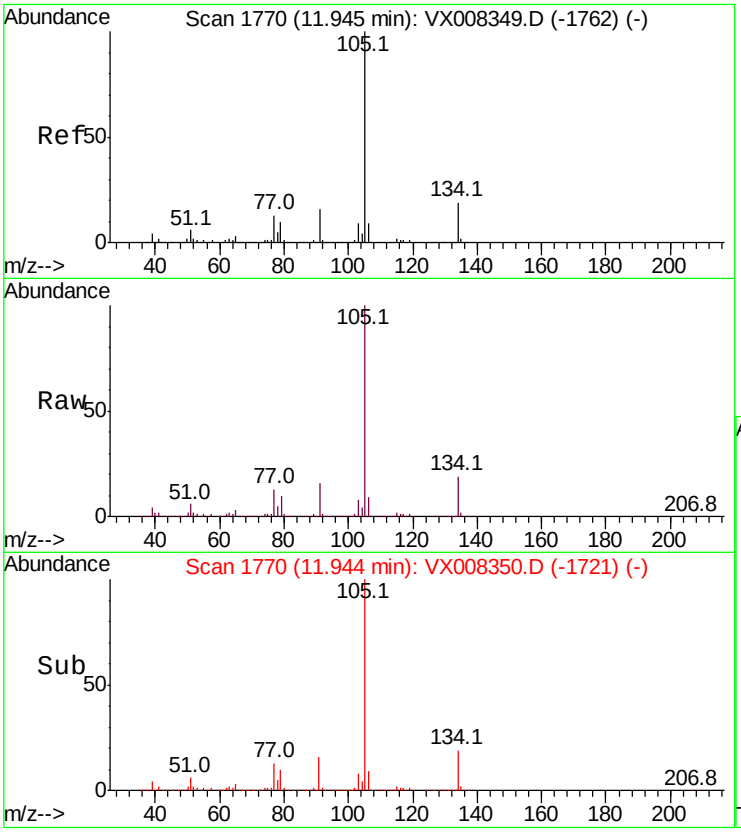


#84
1,2,4-Trimethylbenzene
Concen: 86.448 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:105 Resp: 992407

Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.6	67.7

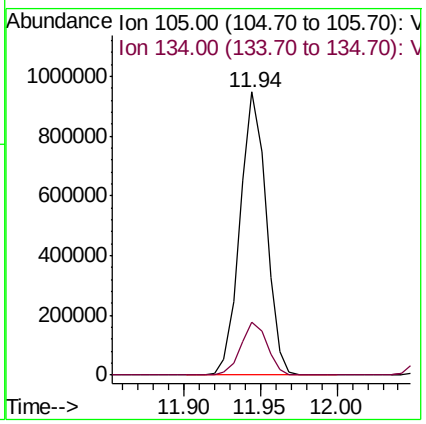




#85
sec-Butylbenzene
Concen: 83.886 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

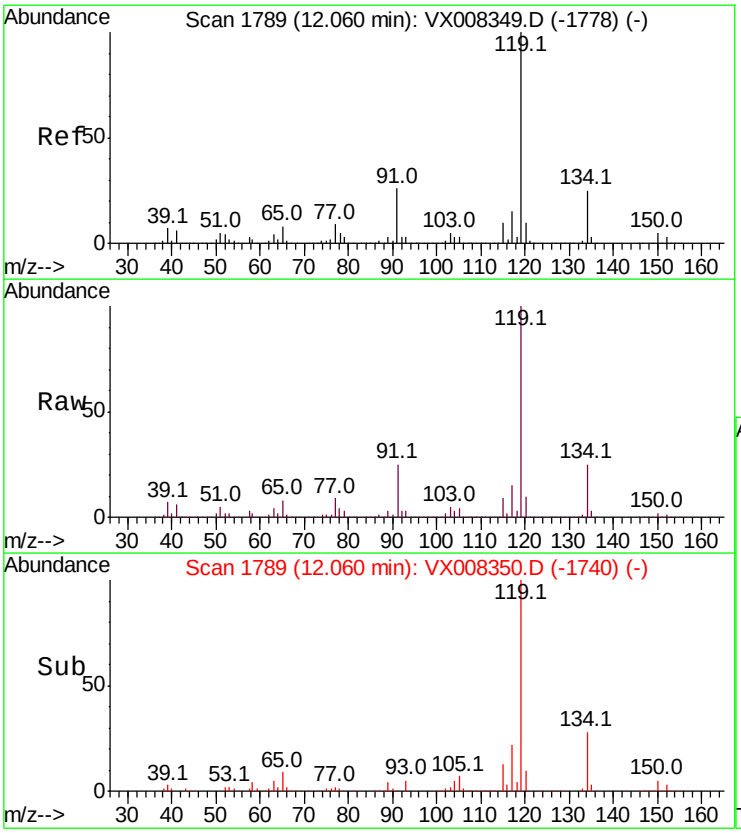
Tgt Ion:105 Resp: 1123097

Ion	Ratio	Lower	Upper
105	100		
134	18.8	10.4	31.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

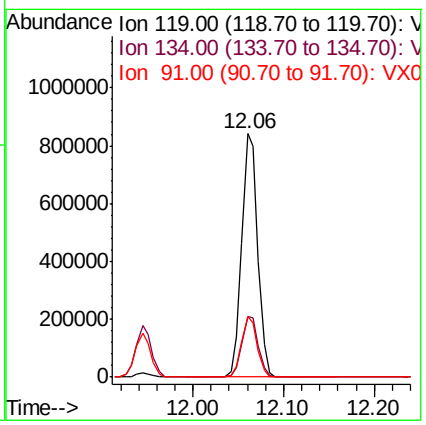
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

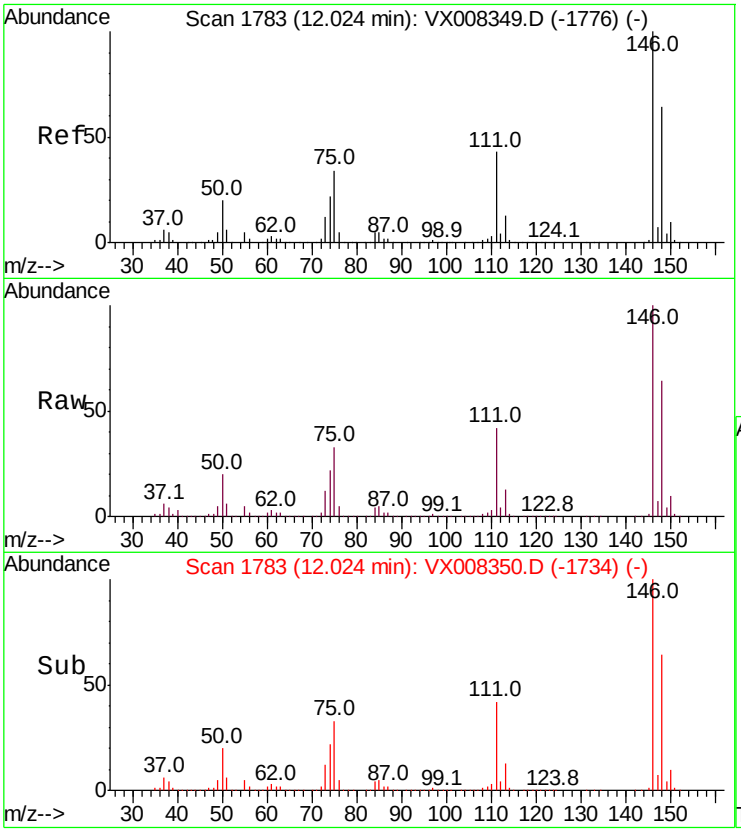


#86
p-Isopropyltoluene
Concen: 88.313 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:119 Resp: 1023452

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.3	39.9
91	24.5	10.9	32.7

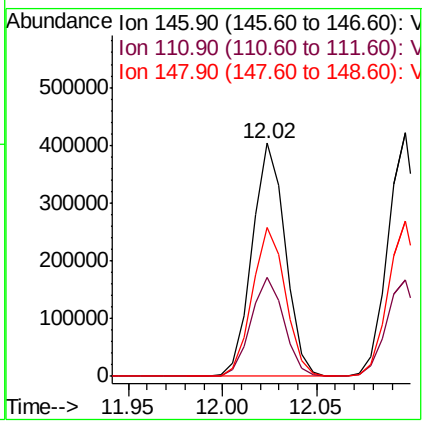




#87
1,3-Dichlorobenzene
Concen: 82.880 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

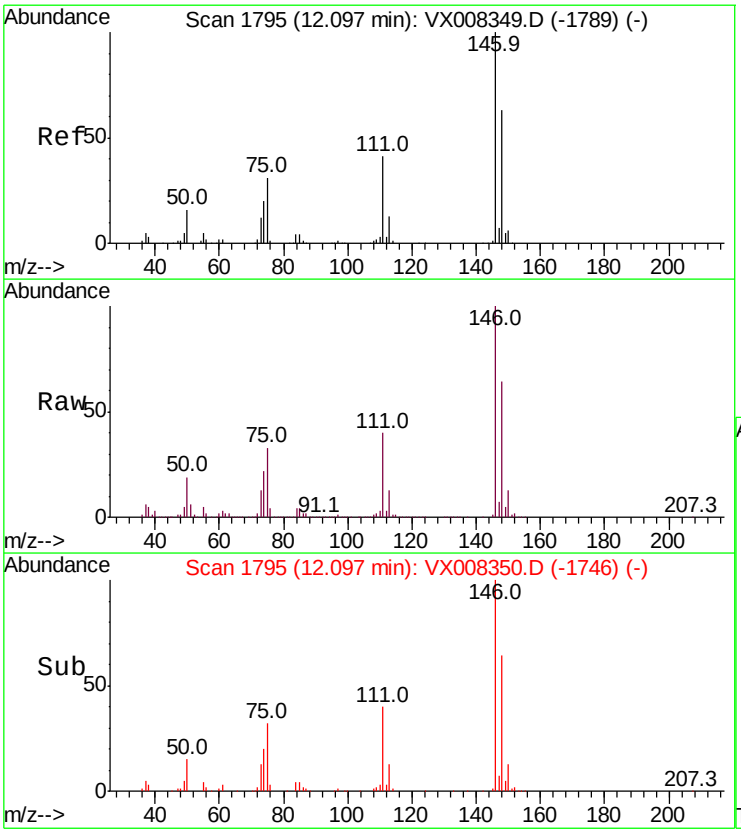
Tgt Ion:146 Resp: 490862

Ion	Ratio	Lower	Upper
146	100		
111	42.3	18.9	56.7
148	64.1	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

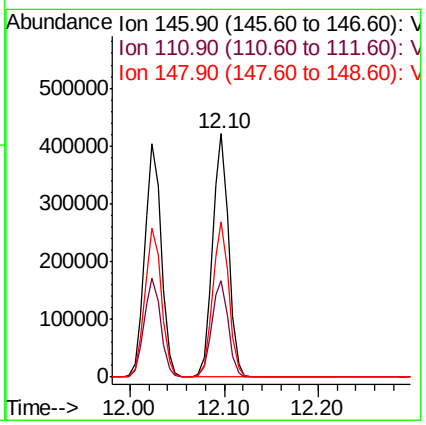
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

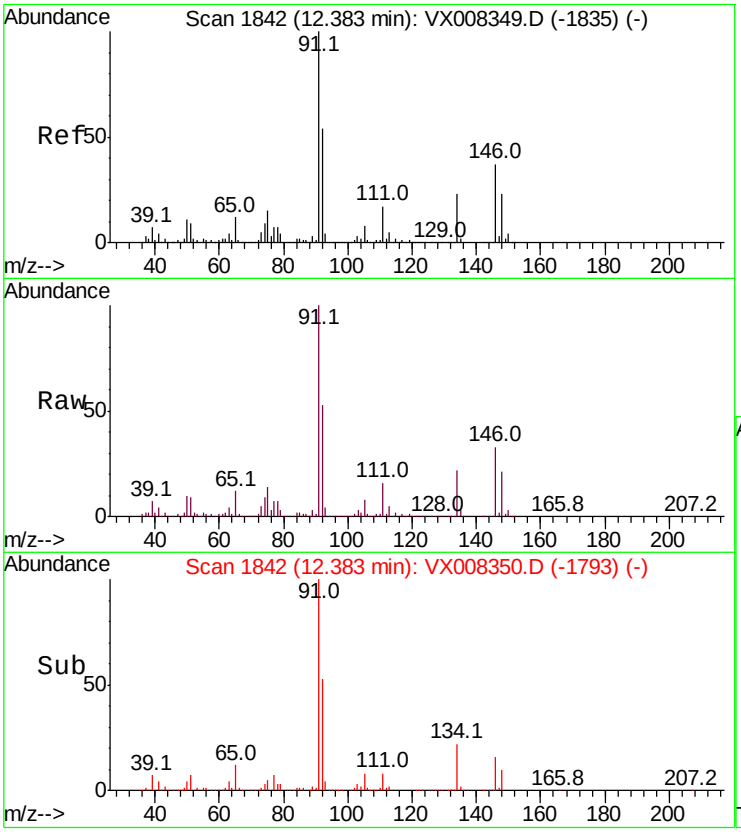


#88
1,4-Dichlorobenzene
Concen: 80.825 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:146 Resp: 495144

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.4	55.0
148	63.9	32.2	96.6

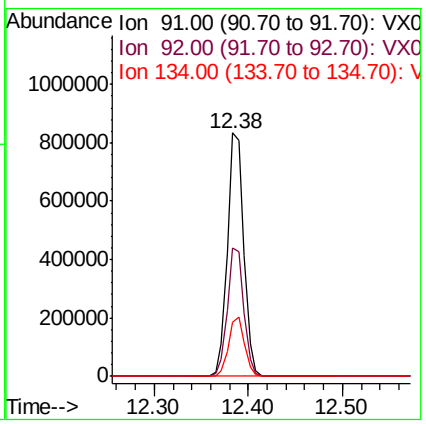




#89
n-Butylbenzene
Concen: 92.216 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

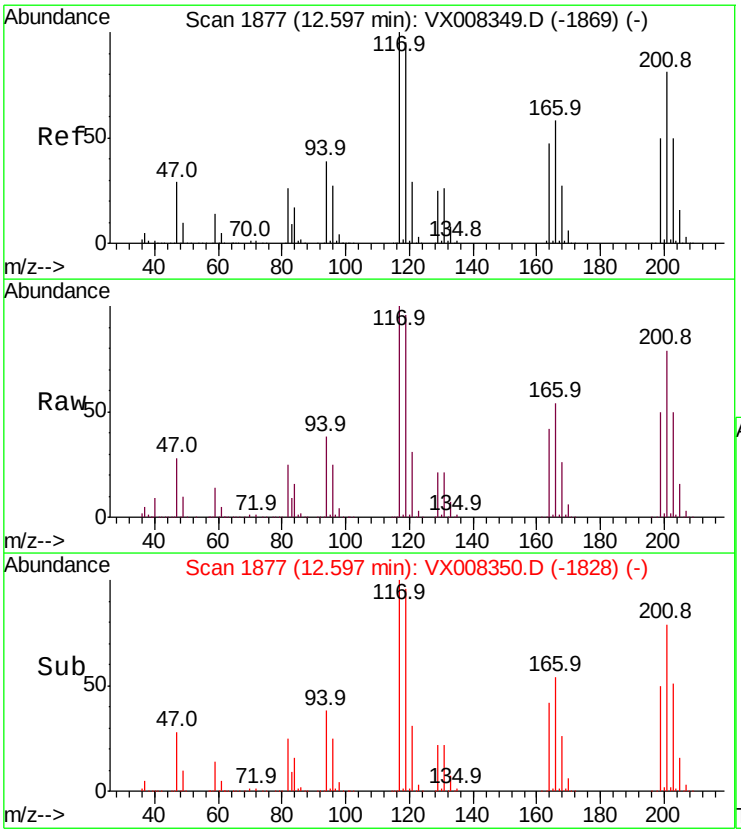
Tgt Ion: 91 Resp: 1003037

Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.0	80.8
134	23.7	13.7	41.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

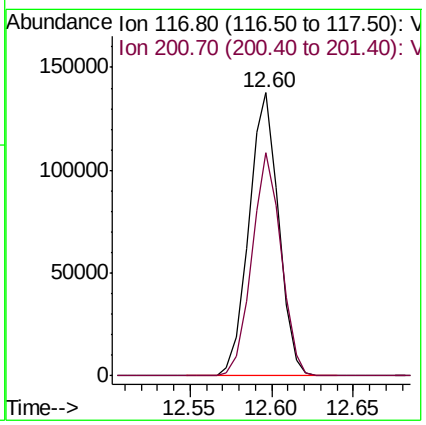
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

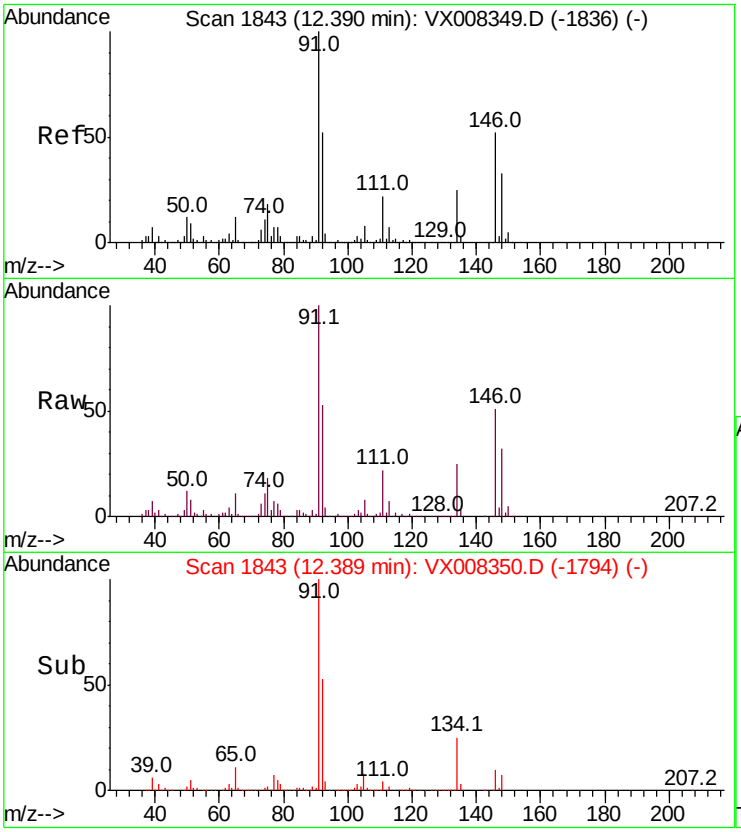


#90
Hexachloroethane
Concen: 88.408 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:117 Resp: 174492

Ion	Ratio	Lower	Upper
117	100		
201	77.5	48.9	146.7

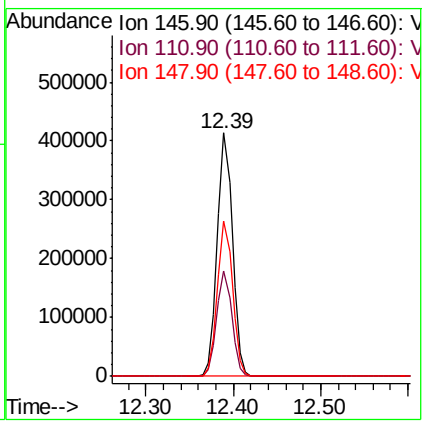




#91
1,2-Dichlorobenzene
Concen: 82.731 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

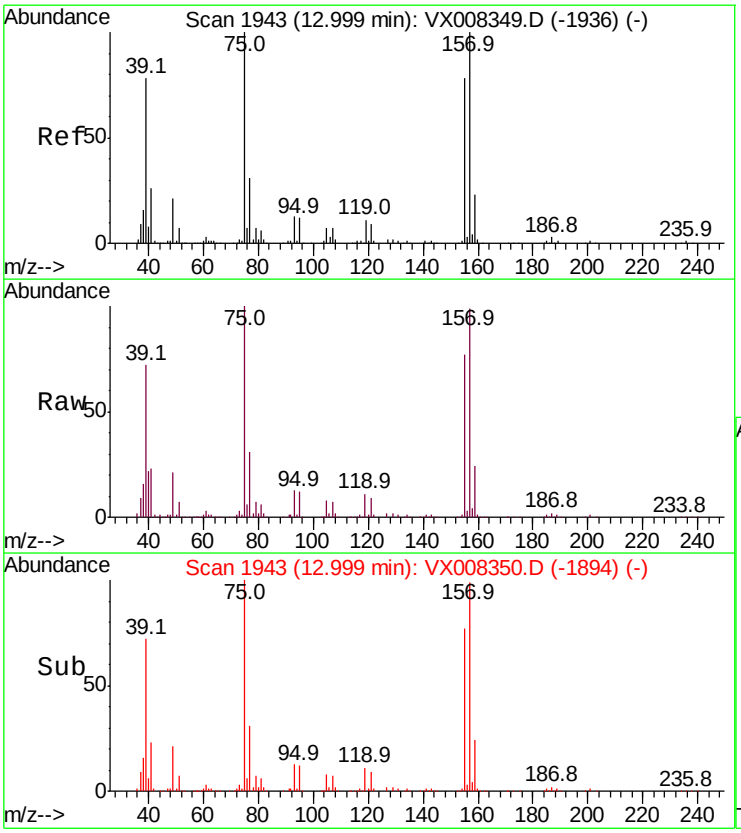
Tgt Ion:146 Resp: 494043

Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.6	58.8
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

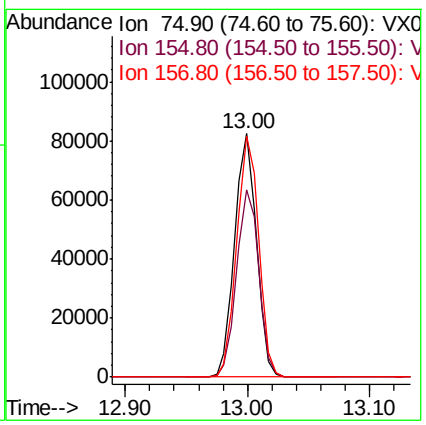
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

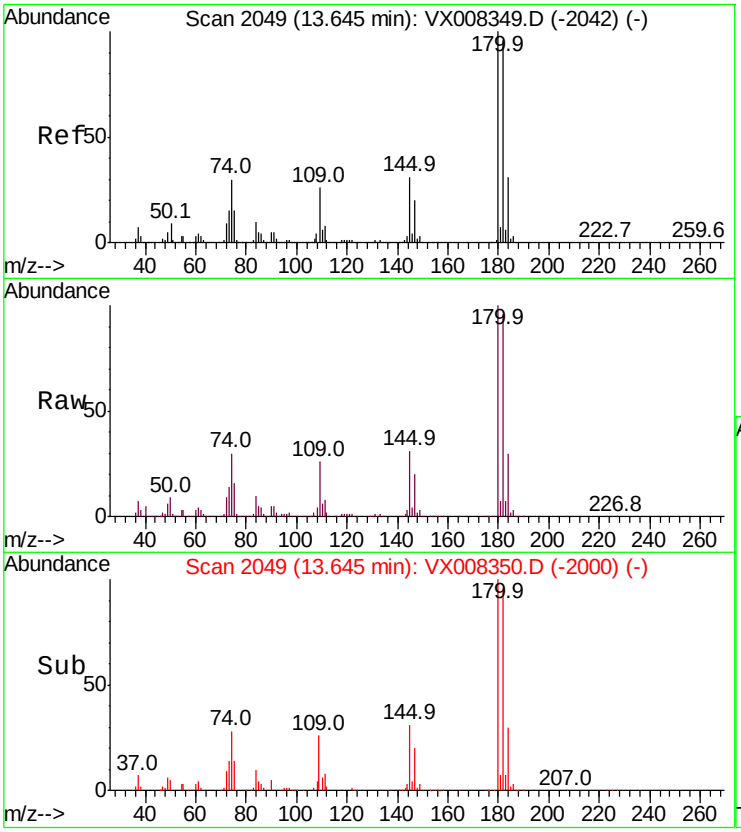


#92
1,2-Dibromo-3-Chloropropane
Concen: 92.706 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 75 Resp: 101201

Ion	Ratio	Lower	Upper
75	100		
155	78.3	49.7	149.1
157	99.6	63.8	191.4

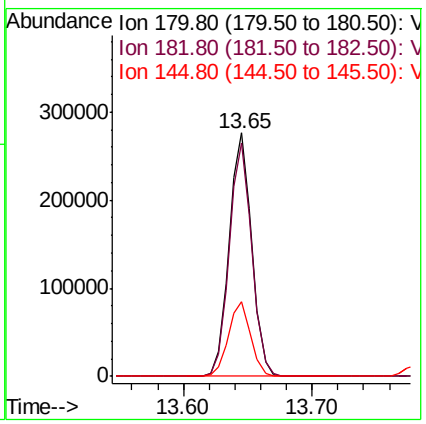




#93
1,2,4-Trichlorobenzene
Concen: 85.976 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

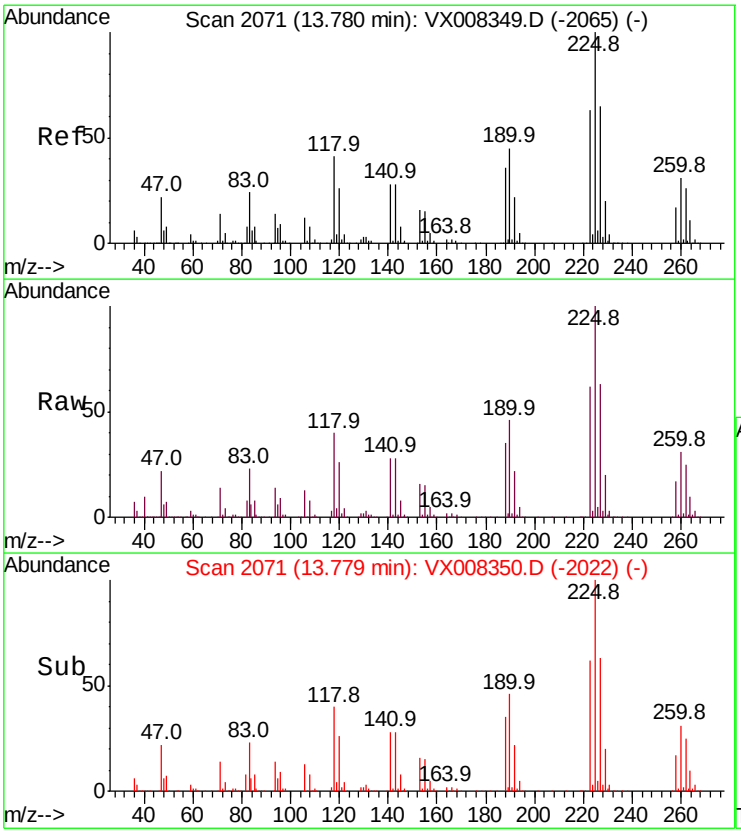
Tgt Ion:180 Resp: 338184

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	30.5	14.1	42.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

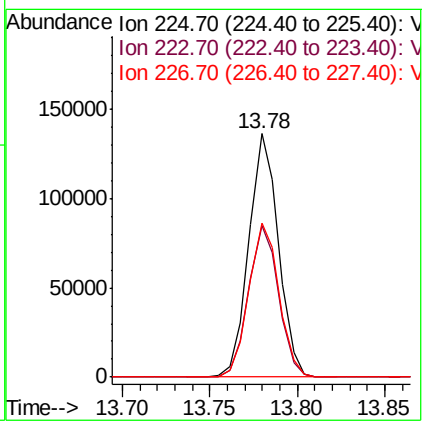
Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM

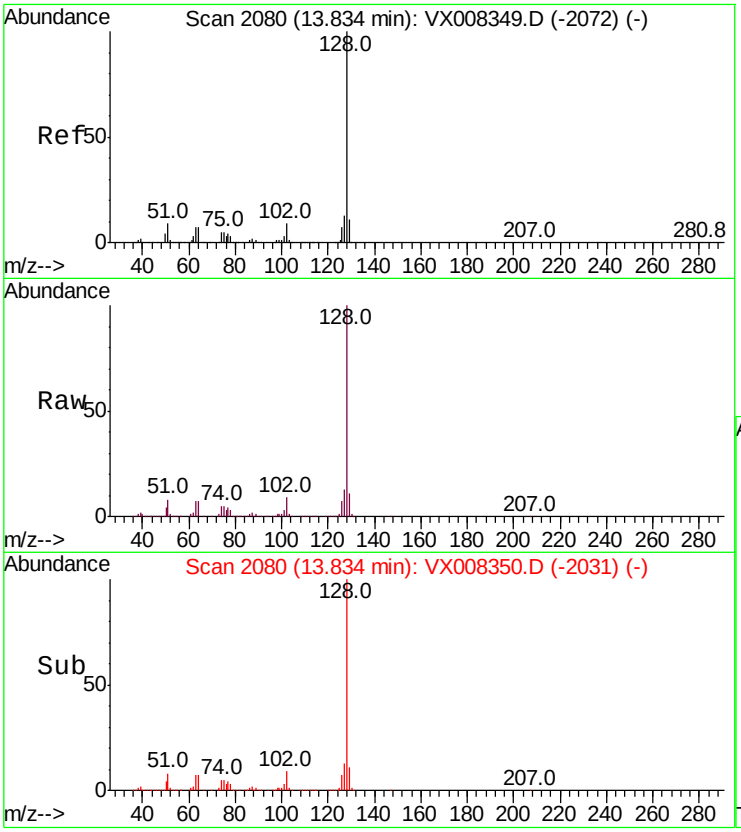


#94
Hexachlorobutadiene
Concen: 83.387 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:225 Resp: 159968

Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.2
227	64.6	32.0	96.0

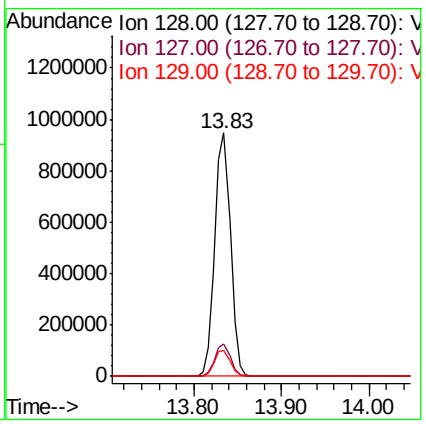




#95
Naphthalene
Concen: 94.289 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

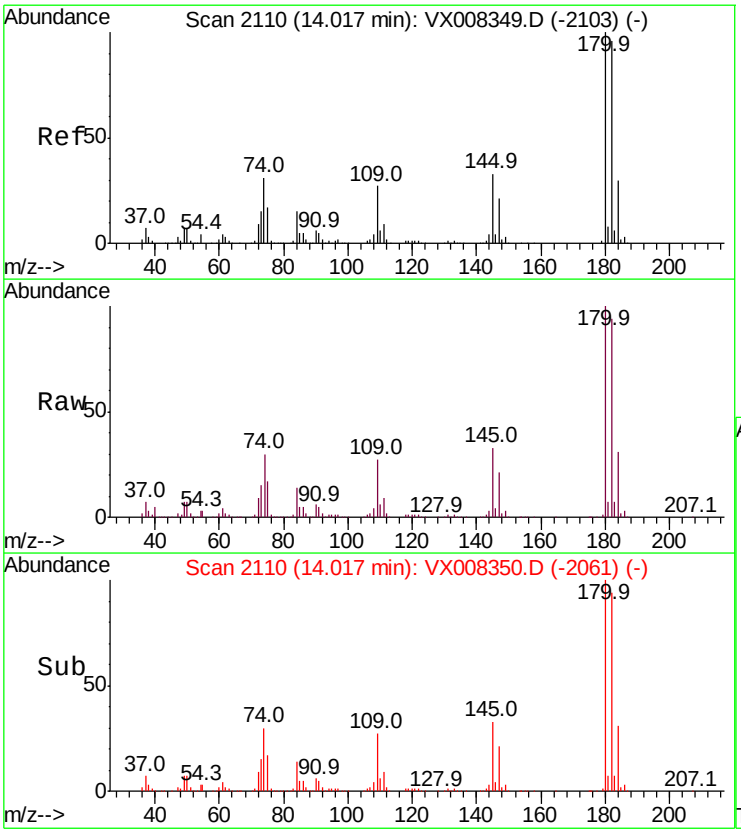
Tgt Ion:128 Resp: 1170577

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
3/25/2019 11:16:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 86.835 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:180 Resp: 336088

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.5
145	32.6	14.8	44.3