Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030569.D
Acq On : 30 Mar 2019 11:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

Quant Time: Mar 31 00:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	55239	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20727	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	19309	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery = 86.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	116199	5.536	ug/l	99
3) Chloromethane	1.33	50	147414	6.121	ug/l	100
4) Vinyl Chloride	1.40	62	131503	6.291	ug/l	98
5) Bromomethane	1.63	94	55171	4.839	ug/l	98
6) Chloroethane	1.70	64	72937	6.091	ug/l	99
7) Trichlorofluoromethane	1.88	101	146131	5.545	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	72093	5.106	ug/l	100
9) 1,1-Dichloroethene	2.28	96	73053	5.217	ug/l	99
10) Iodomethane	2.41	142	65072	5.405	ug/l	99
11) Allyl Chloride	2.59	41	162064	7.465	ug/l	100
12) Acrylonitrile	2.94	53	39437	12.377	ug/l	98
13) Acetone	2.32	43	87202	30.945	ug/l	99
14) Carbon Disulfide	2.47	76	266473	5.409	ug/l	100
15) Methylene Chloride	2.69	84	85543	5.092	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	82886	5.148	ug/l	97
17) 1,1-Dichloroethane	3.44	63	168999	5.987	ug/l	99
18) 2-Butanone	4.28	43	124388	31.823	ug/l	99
19) Cyclohexane	4.99	56	146339m	6.025	ug/l	
20) Methylcyclohexane	6.41	83	127785	4.982	ug/l	100
21) 2,2-Dichloropropane	4.22	77	128046	5.466	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	88123	4.938	ug/l	97
23) Diethyl Ether	2.10	59	68076	6.214	ug/l	99
24) tert-Butyl Alcohol	2.84	59	66466	56.841	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	209736	5.760	ug/l	99
26) Bromochloromethane	4.54	128	35339	4.604	ug/l	97
27) Chloroform	4.67	83	156859	5.355	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	131586	5.504	ug/l	99
29) 1,1-Dichloropropene	5.13	75	117689	5.416	ug/l	99
30) Carbon Tetrachloride	5.13	117	107919	5.092	ug/l	99
31) Isopropyl Ether	3.58	45	274566	6.651	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	214900	5.622	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	179593	5.229	ug/l	99
34) Propionitrile	4.34	54	35415	32.679	ug/l #	95
35) Benzene	5.38	78	344543	5.401	ug/l	99
36) 1,2-Dichloroethane	5.40	62	105412	6.013	ug/l	98
37) Trichloroethene	6.18	130	81837	4.601	ug/l	99
38) 1,2-Dichloropropane	6.43	63	97559	5.917	ug/l	100
39) Methacrylonitrile	4.55	41	31269	6.488	ug/l	98
40) Methyl acrylate	4.43	55	43472	5.927	ug/l	98
41) Tetrahydrofuran	4.65	42	33024	12.610	ug/l	96
42) 1-Chlorobutane	5.06	56	185793	6.320	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030569.D
Acq On : 30 Mar 2019 11:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

Quant Time: Mar 31 00:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	43269	5.176	ug/l		96
44) Bromodichloromethane	6.75	83	112600	5.578	ug/l		100
45) 4-Methyl-2-Pentanone	7.46	43	286230	32.496	ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	37381m	11.578	ug/l		
47) Methyl methacrylate	6.62	69	76456	10.799	ug/l		99
48) Ethyl methacrylate	8.02	69	72228	5.436	ug/l		97
49) Toluene	7.63	92	191616	5.057	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	99067	5.509	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	123079	5.488	ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	57733	4.939	ug/l		98
53) 1,3-Dichloropropane	8.24	76	108086	5.436	ug/l		100
54) 2-Hexanone	8.36	43	193669	30.832	ug/l		99
55) Dibromochloromethane	8.47	129	66676	4.792	ug/l		97
56) 1,2-Dibromoethane	8.58	107	53441	4.797	ug/l		100
58) Tetrachloroethene	8.22	164	71443	4.430	ug/l		97
59) Chlorobenzene	9.12	112	212868	4.958	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	76201	5.058	ug/l		96
61) Pentachloroethane	11.10	117	58852	5.018	ug/l		99
62) Hexachloroethane	12.14	117	52291	4.558	ug/l		100
63) Ethyl Benzene	9.25	91	370209	5.174	ug/l		99
64) m/p-Xylenes	9.37	106	288768	10.444	ug/l		94
65) o-Xylene	9.77	106	135721	5.010	ug/l		100
66) Styrene	9.79	104	236121	5.274	ug/l		99
67) Bromoform	9.95	173	37367	4.739	ug/l		99
69) Isopropylbenzene	10.16	105	364430	5.110	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	81178	5.543	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	46866	4.412	ug/l	#	98
72) Bromobenzene	10.45	156	83145	4.543	ug/l		98
73) n-propylbenzene	10.58	120	94801	4.745	ug/l		97
74) 2-Chlorotoluene	10.66	126	87133	4.960	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	316443	5.229	ug/l		99
76) 4-Chlorotoluene	10.77	126	89678	5.018	ug/l		98
77) tert-Butylbenzene	11.10	119	287293	4.878	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	311831	5.082	ug/l		100
79) sec-Butylbenzene	11.32	105	398166	5.038	ug/l		100
80) Nitrobenzene	12.88	77	4749m	18.842	ug/l		
81) p-Isopropyltoluene	11.47	119	313113	4.788	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	169546	4.594	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	167707	4.521	ug/l		99
84) n-Butylbenzene	11.89	91	285987	4.647	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	155754	4.527	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	12007	5.694	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	90378	3.751	ug/l		99
88) Hexachlorobutadiene	13.69	225	57578	4.319	ug/l		99
89) Naphthalene	13.74	128	145698	3.854	ug/l		100
90) 1,2,3-Trichlorobenzene	13.98	180	85578	3.897	ug/l		97

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

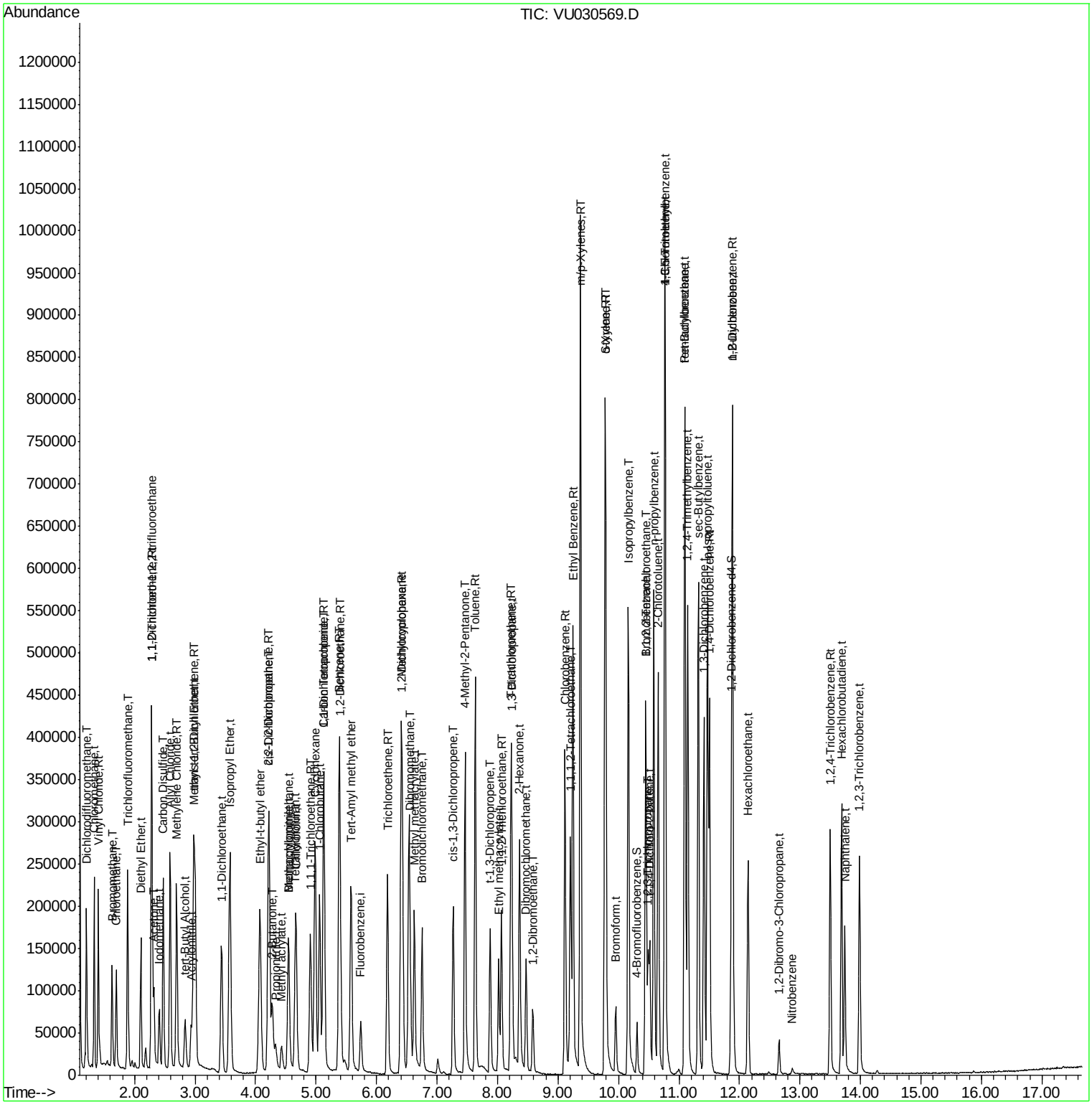
Quantitation Report (QT Reviewed)

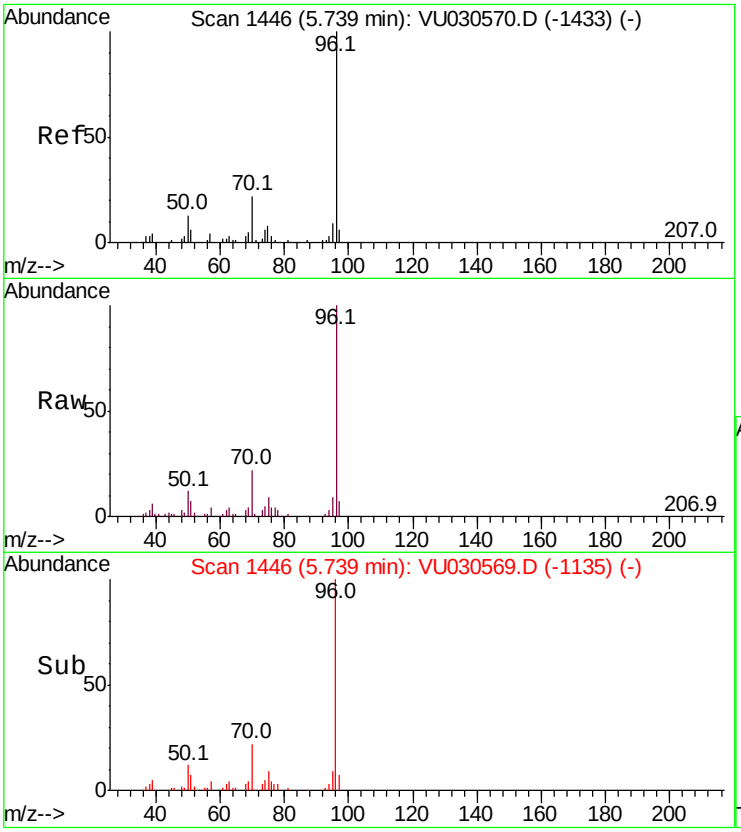
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030569.D
Acq On : 30 Mar 2019 11:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 00:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

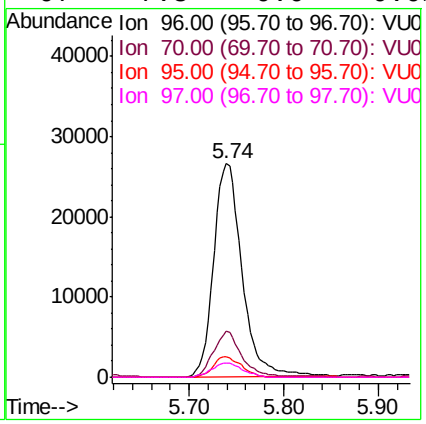




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 5.74 min Scan# 1446
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

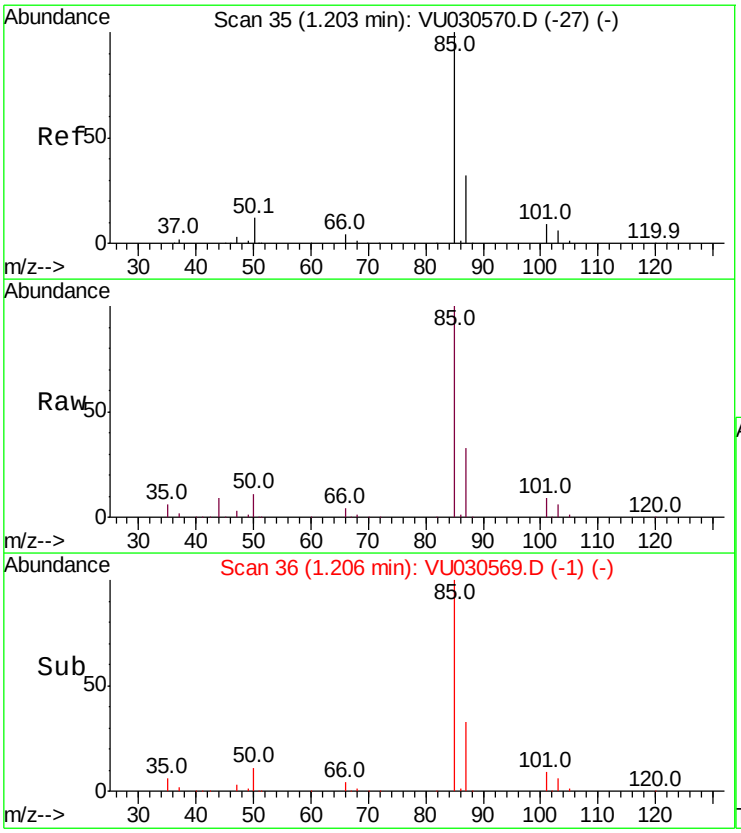
Tgt Ion: 96 Resp: 55239

Ion	Ratio	Lower	Upper
96	100		
70	20.5	15.6	23.4
95	9.4	7.3	10.9
97	7.3	0.0	0.0#



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

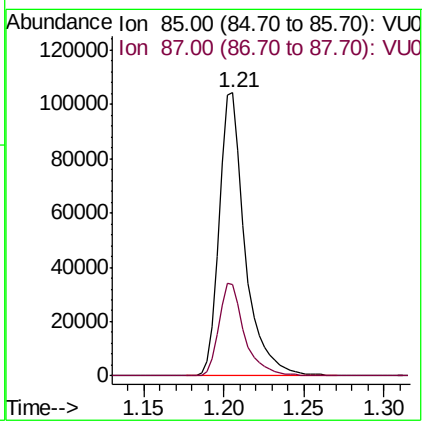
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

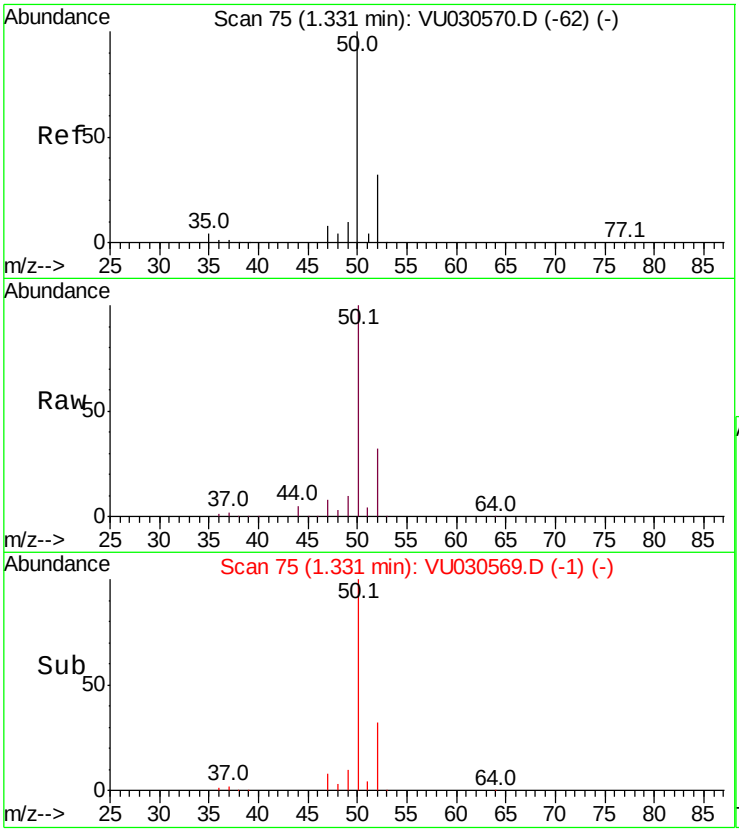


#2
Dichlorodifluoromethane
Concen: 5.536 ug/l
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 85 Resp: 116199

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.9	47.6

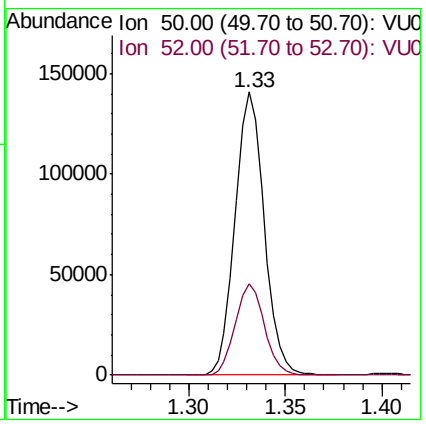




#3
Chloromethane
Concen: 6.121 ug/l
RT: 1.33 min Scan# 75
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

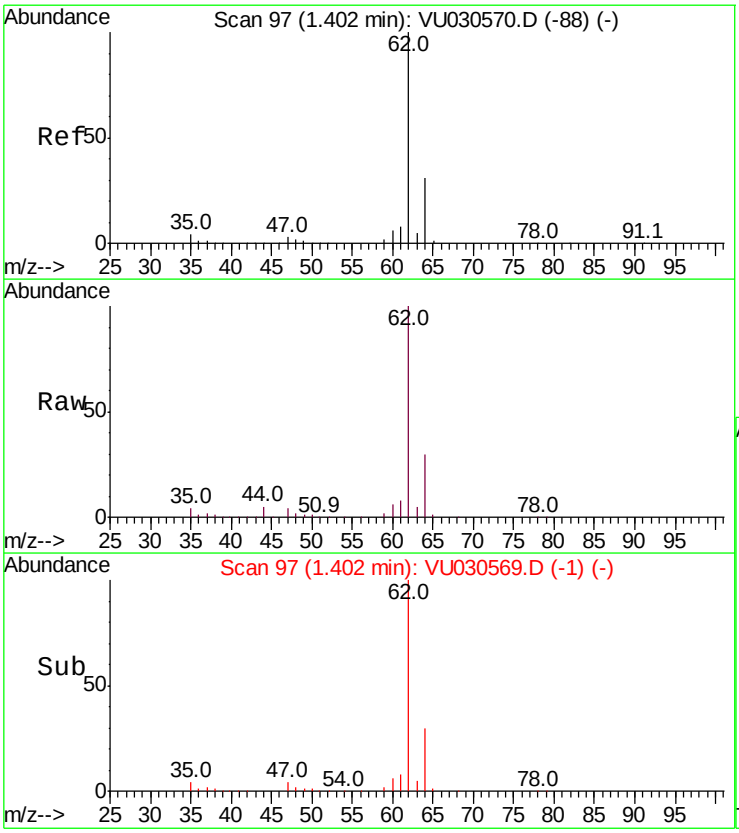
Tgt Ion: 50 Resp: 147414

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.8	38.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

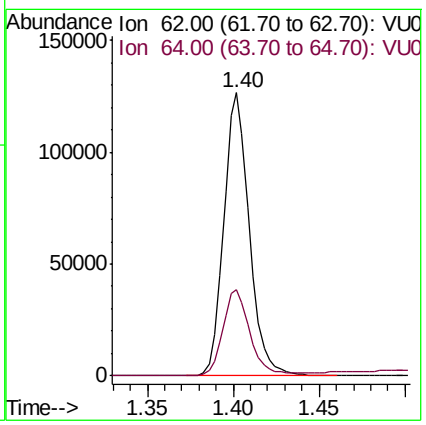
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

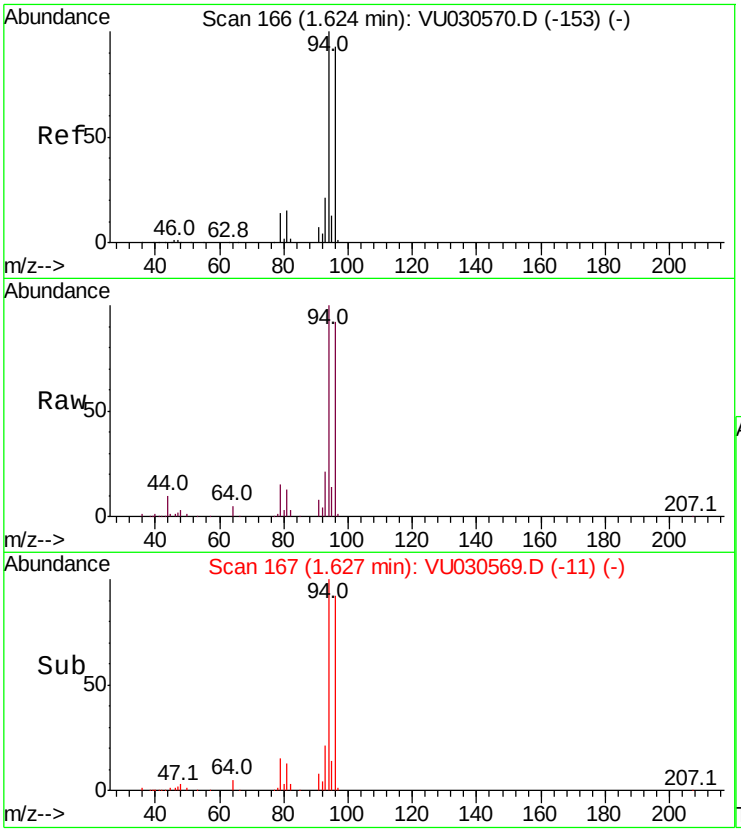


#4
Vinyl Chloride
Concen: 6.291 ug/l
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 62 Resp: 131503

Ion	Ratio	Lower	Upper
62	100		
64	30.2	25.1	37.7

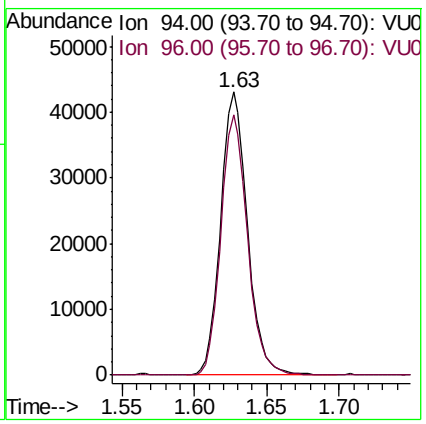




#5
Bromomethane
Concen: 4.839 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

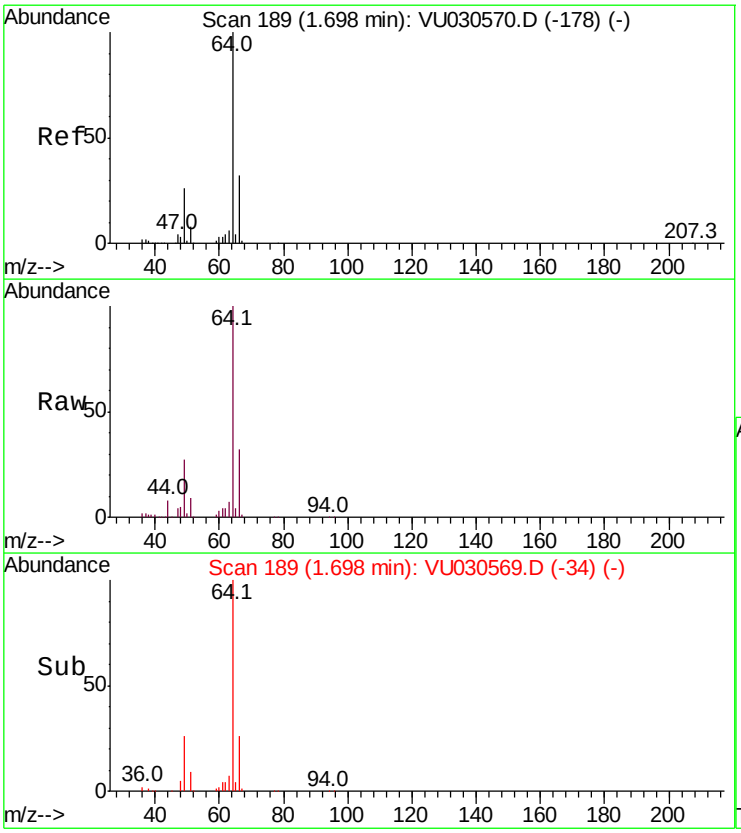
Tgt Ion: 94 Resp: 55171

Ion	Ratio	Lower	Upper
94	100		
96	91.9	74.8	112.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

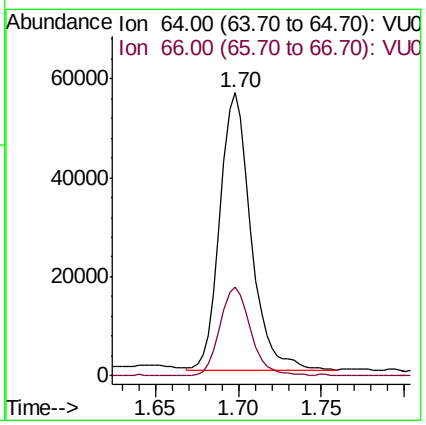
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

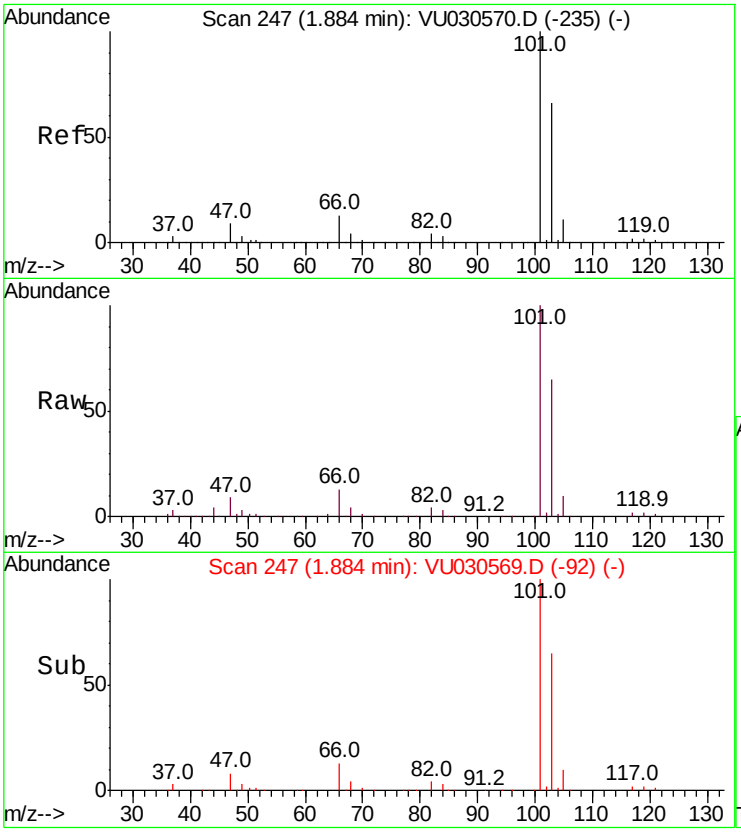


#6
Chloroethane
Concen: 6.091 ug/l
RT: 1.70 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 64 Resp: 72937

Ion	Ratio	Lower	Upper
64	100		
66	32.2	25.5	38.3





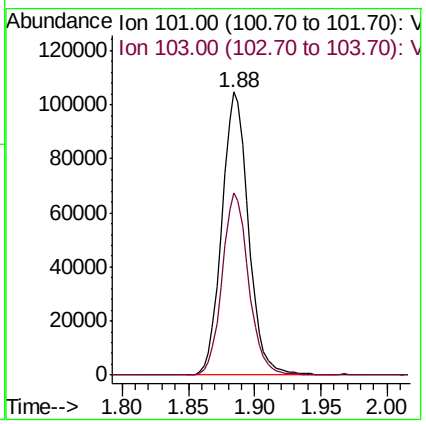
#7
Trichlorofluoromethane
Concen: 5.545 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

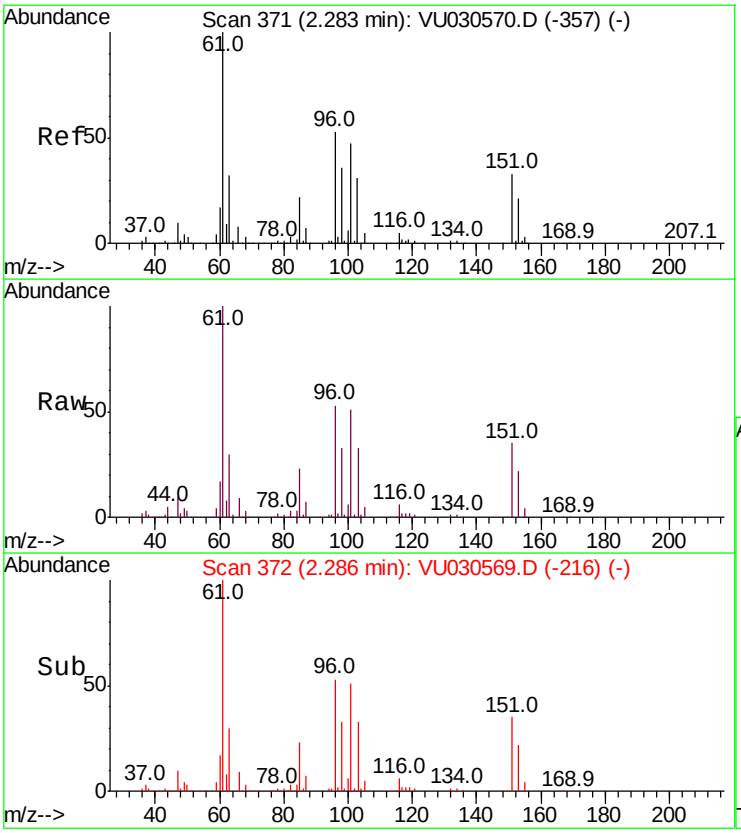
Tgt Ion:101 Resp: 146131

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.6	79.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

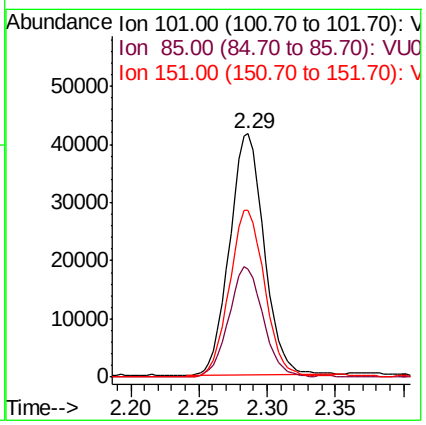


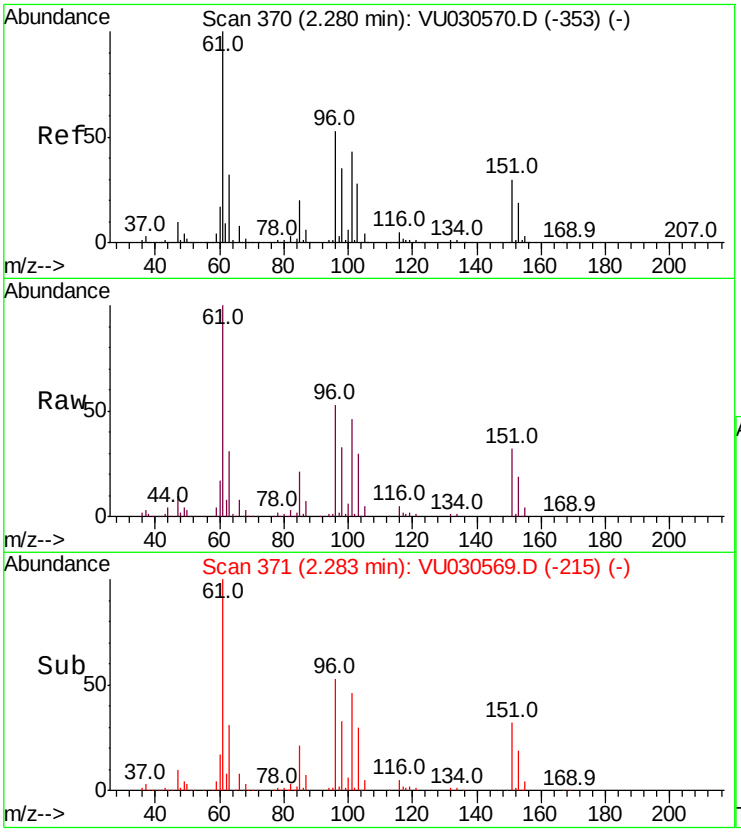


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.106 ug/l
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:101 Resp: 72093

Ion	Ratio	Lower	Upper
101	100		
85	45.6	36.5	54.7
151	70.8	56.5	84.7

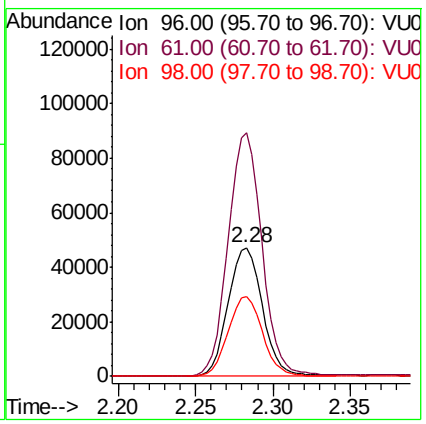




#9
1,1-Dichloroethene
Concen: 5.217 ug/l
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

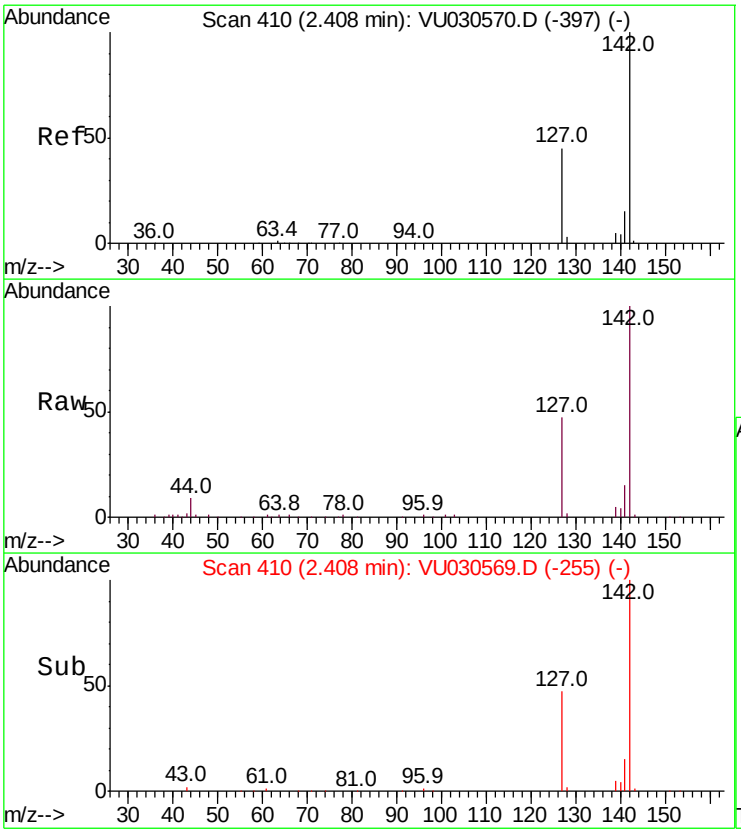
Tgt Ion: 96 Resp: 73053

Ion	Ratio	Lower	Upper
96	100		
61	188.9	0.0	567.0
98	61.8	0.0	132.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

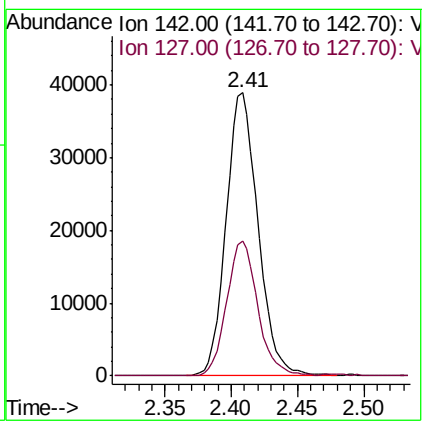
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

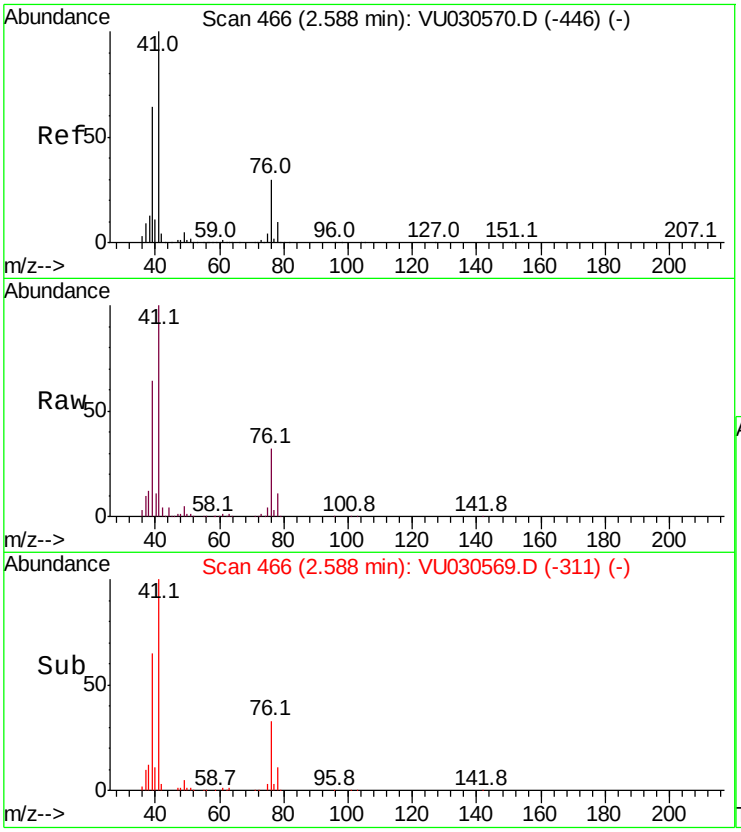


#10
Iodomethane
Concen: 5.405 ug/l
RT: 2.41 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:142 Resp: 65072

Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.8	55.2

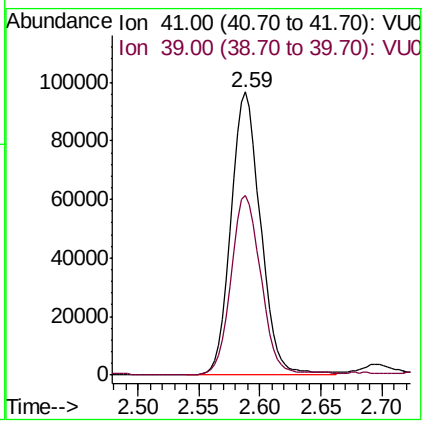




#11
Allvl Chloride
Concen: 7.465 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

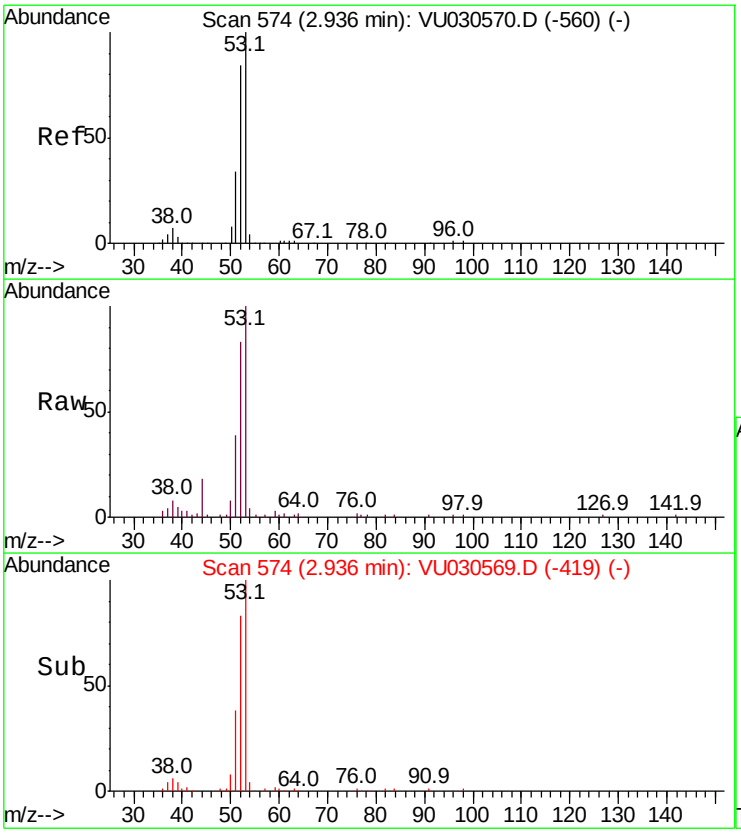
Tgt Ion: 41 Resp: 162064

Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.8	77.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

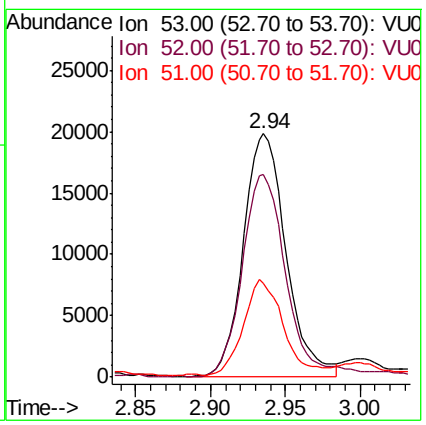
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

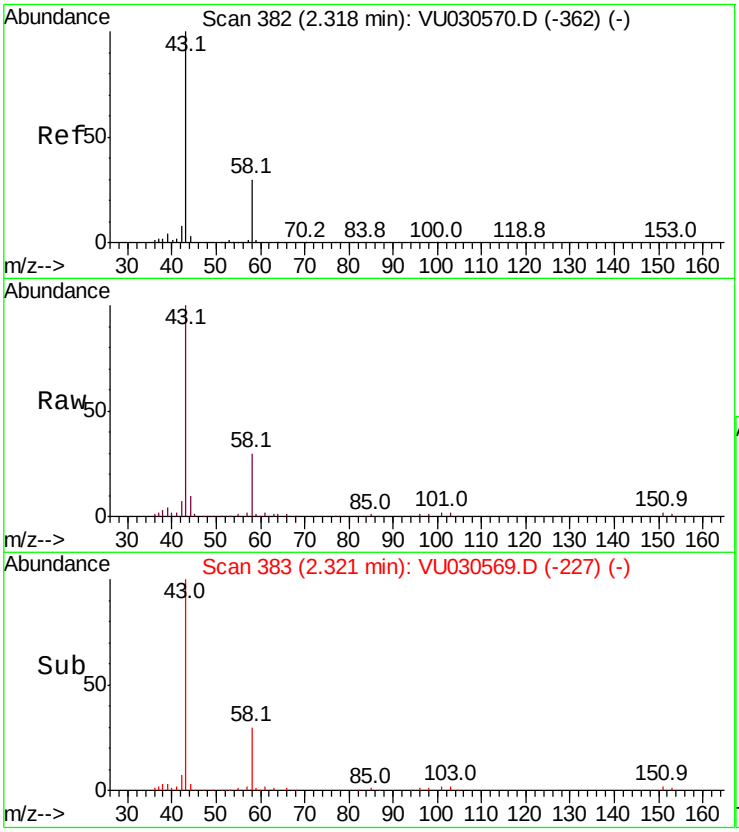


#12
Acrylonitrile
Concen: 12.377 ug/l
RT: 2.94 min Scan# 574
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 53 Resp: 39437

Ion	Ratio	Lower	Upper
53	100		
52	87.5	69.1	103.7
51	36.6	27.9	41.9





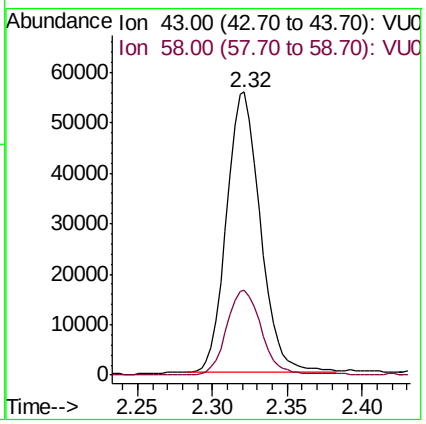
#13
Acetone
Concen: 30.945 ug/l
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

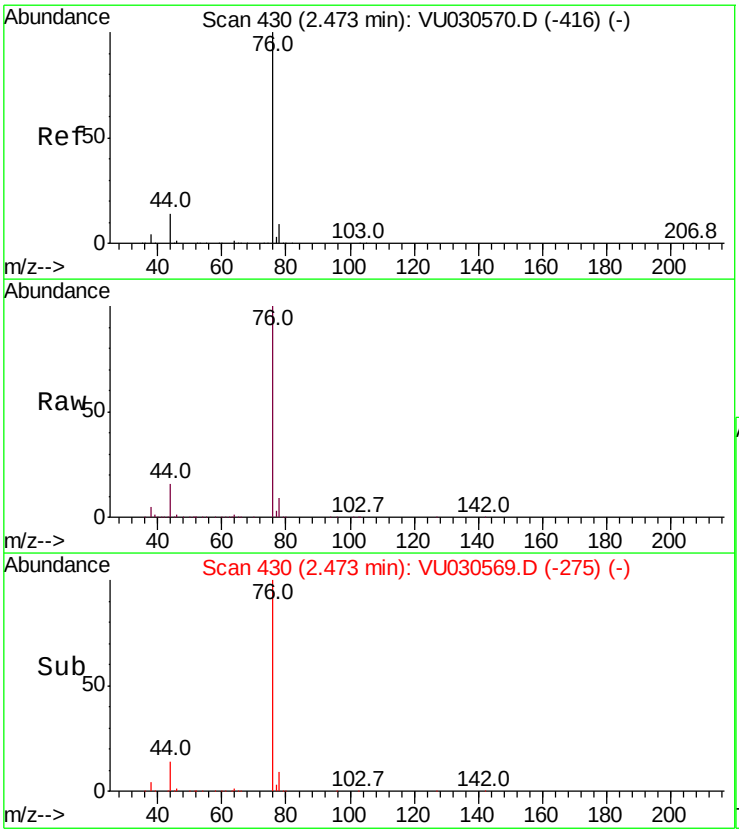
Tgt Ion: 43 Resp: 87202

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.2	36.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

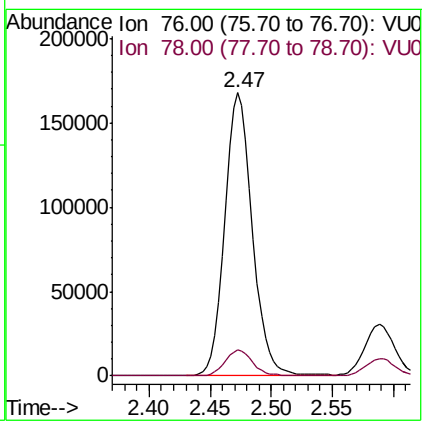


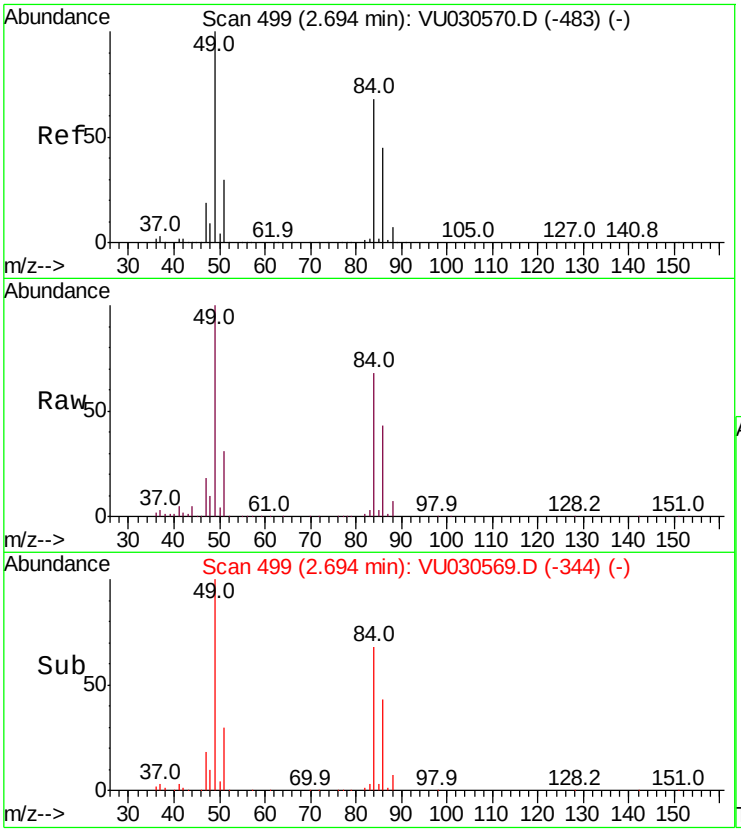


#14
Carbon Disulfide
Concen: 5.409 ug/l
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 76 Resp: 266473

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

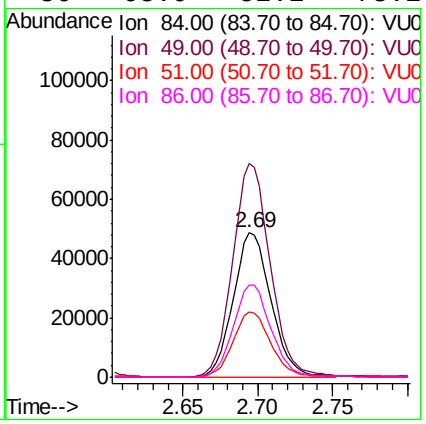




#15
Methylene Chloride
Concen: 5.092 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

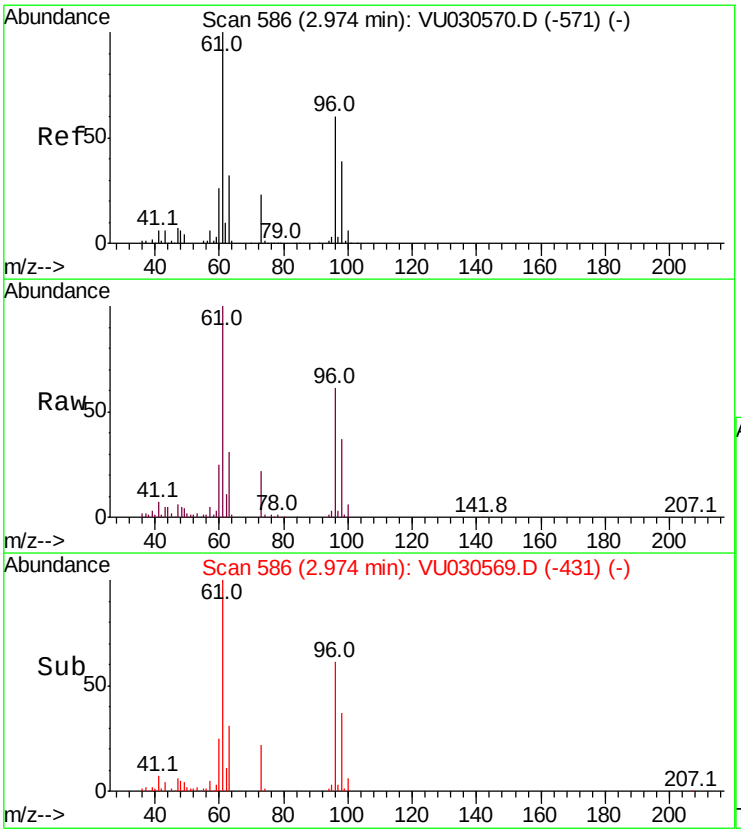
Tgt Ion: 84 Resp: 85543

Ion	Ratio	Lower	Upper
84	100		
49	147.7	117.0	175.6
51	45.1	0.0	88.6
86	63.9	52.2	78.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

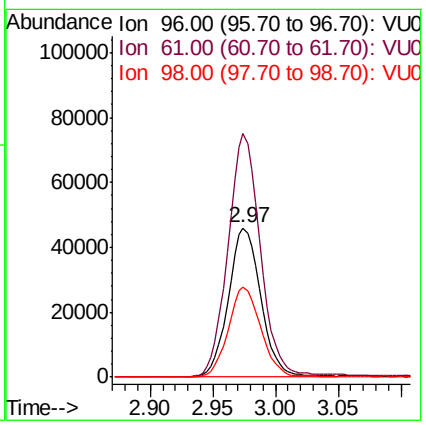
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

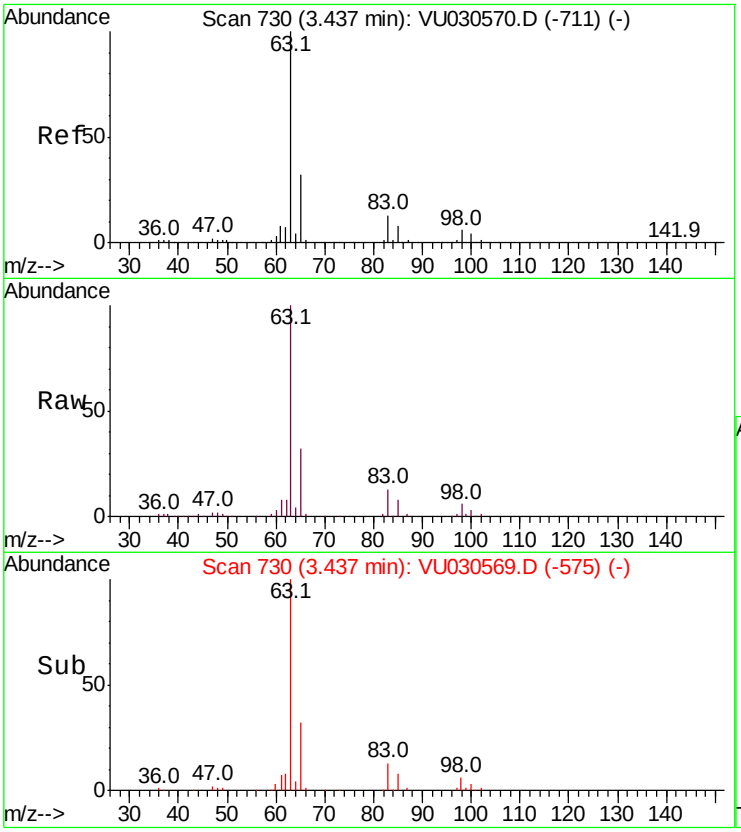


#16
trans-1,2-Dichloroethene
Concen: 5.148 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 96 Resp: 82886

Ion	Ratio	Lower	Upper
96	100		
61	163.1	132.3	198.5
98	60.4	51.3	76.9

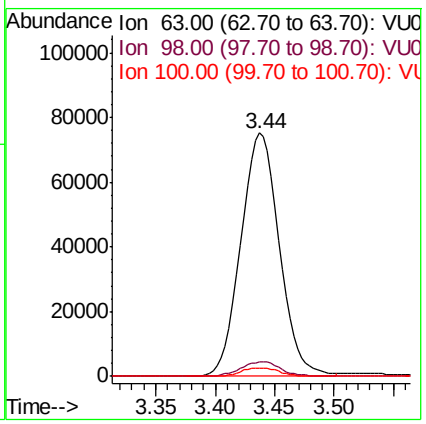




#17
1,1-Dichloroethane
Concen: 5.987 ug/l
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

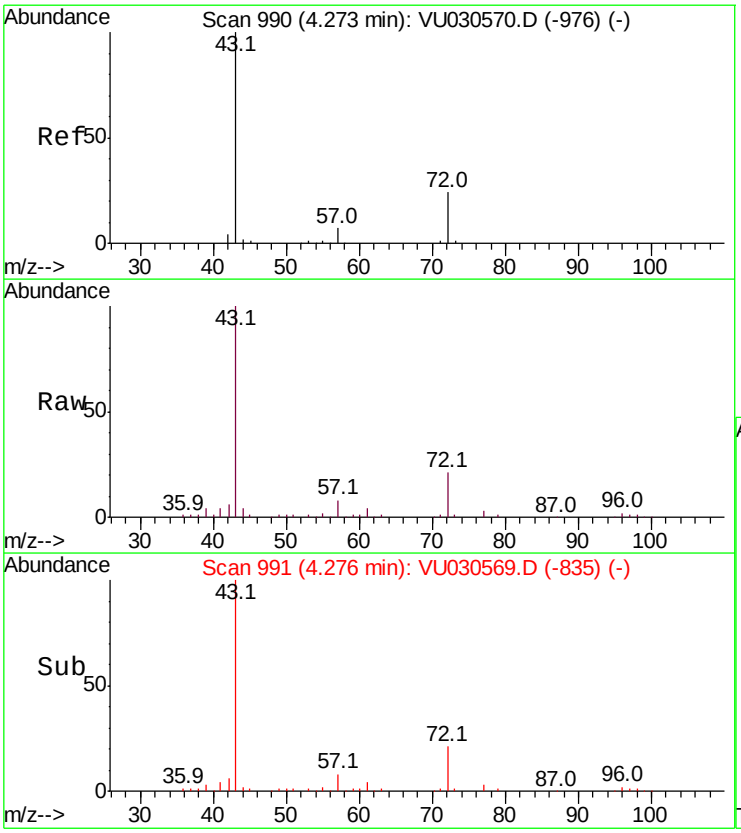
Tgt Ion: 63 Resp: 168999

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.0	9.0
100	3.4	1.8	5.5



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

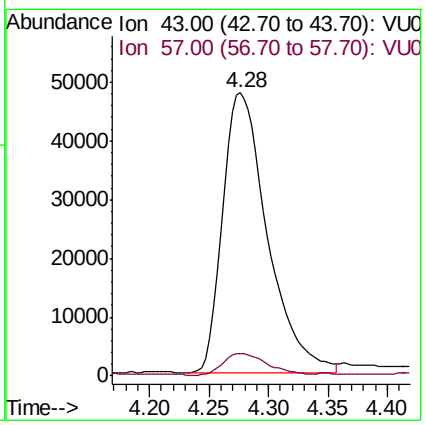
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

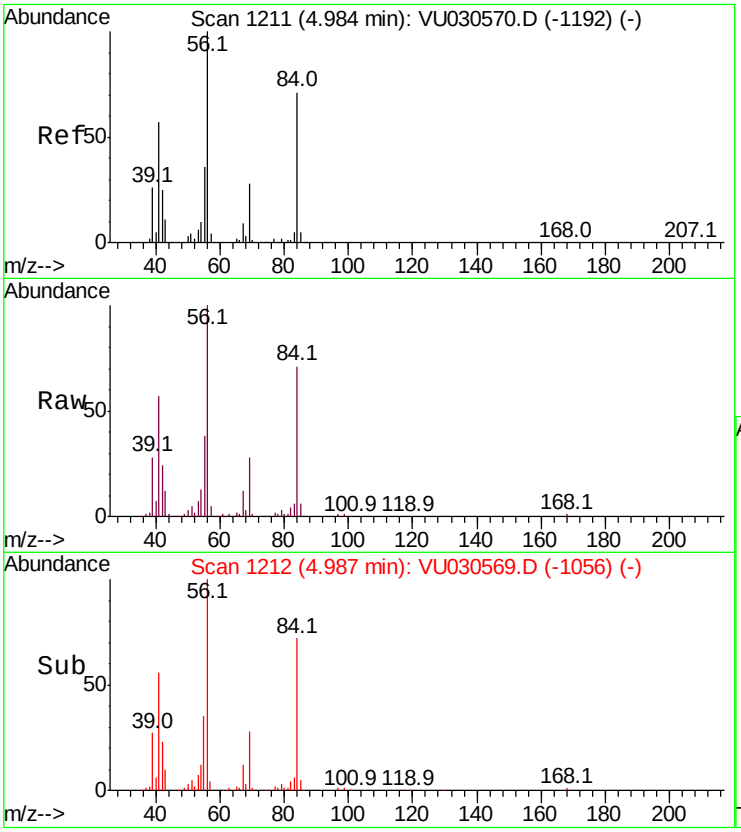


#18
2-Butanone
Concen: 31.823 ug/l
RT: 4.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 43 Resp: 124388

Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	14.4

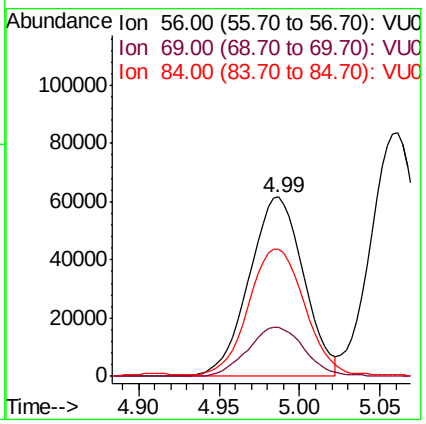




#19
Cyclohexane
Concen: 6.025 ug/l m
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

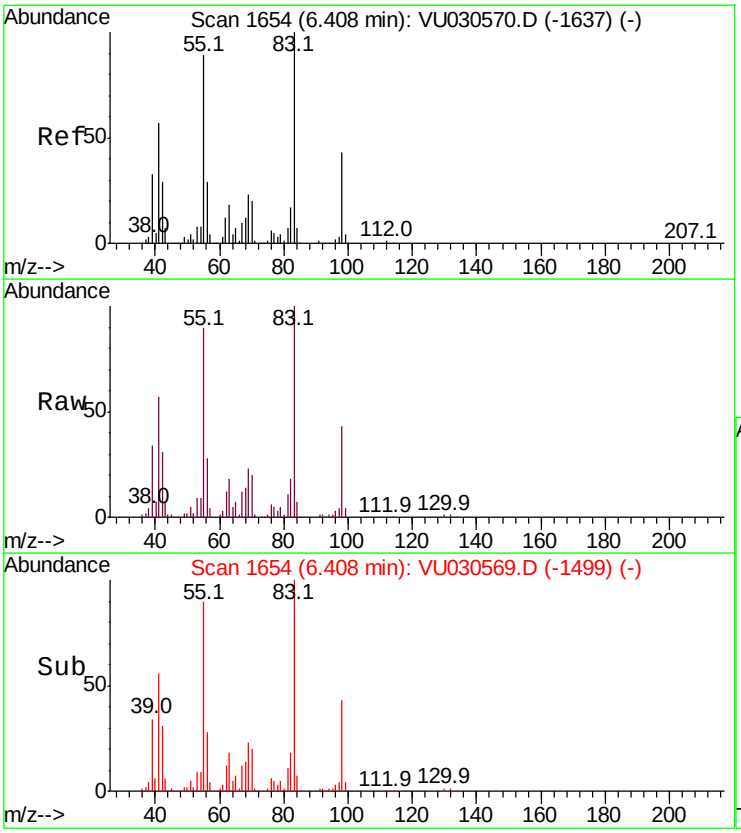
Tgt Ion: 56 Resp: 146339

Ion	Ratio	Lower	Upper
56	100		
69	28.0	22.3	33.5
84	71.5	57.6	86.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

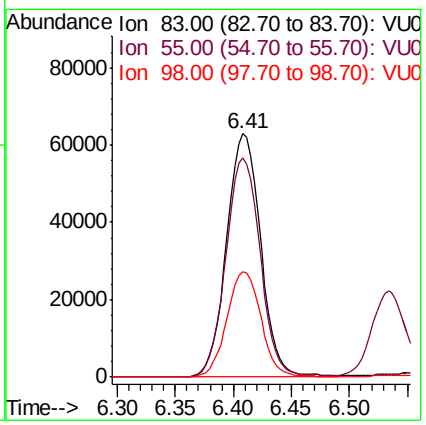
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

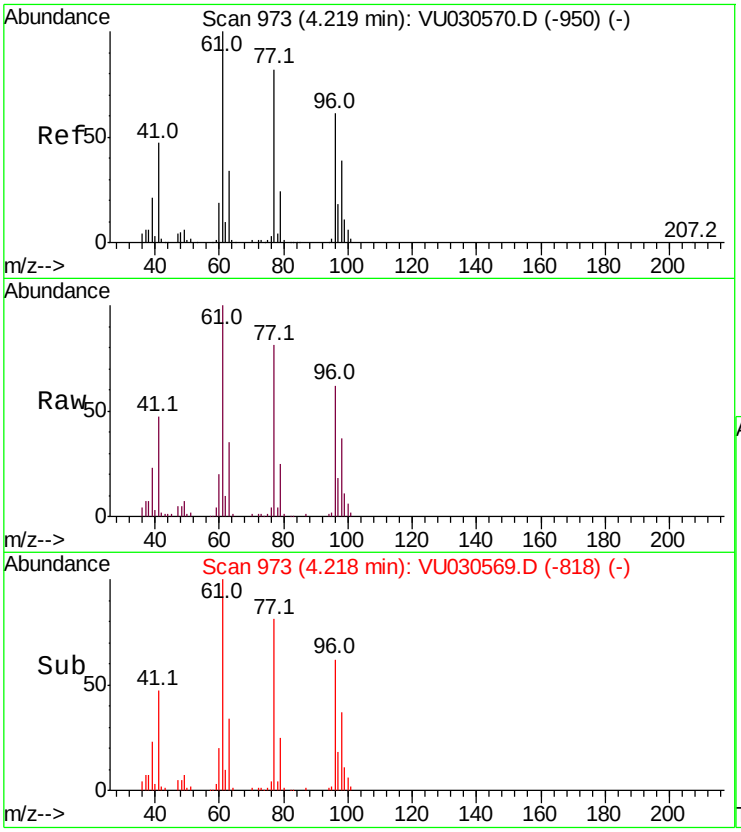


#20
Methylcyclohexane
Concen: 4.982 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 83 Resp: 127785

Ion	Ratio	Lower	Upper
83	100		
55	90.0	72.0	108.0
98	43.3	35.0	52.4

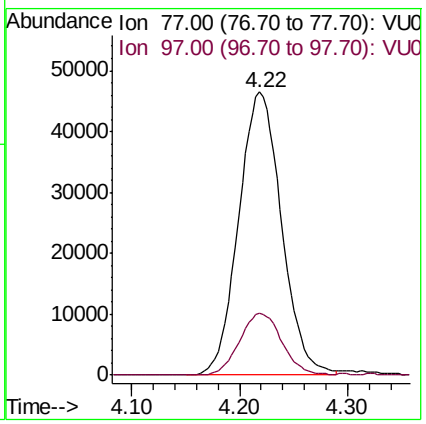




#21
2,2-Dichloropropane
Concen: 5.466 ug/l
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

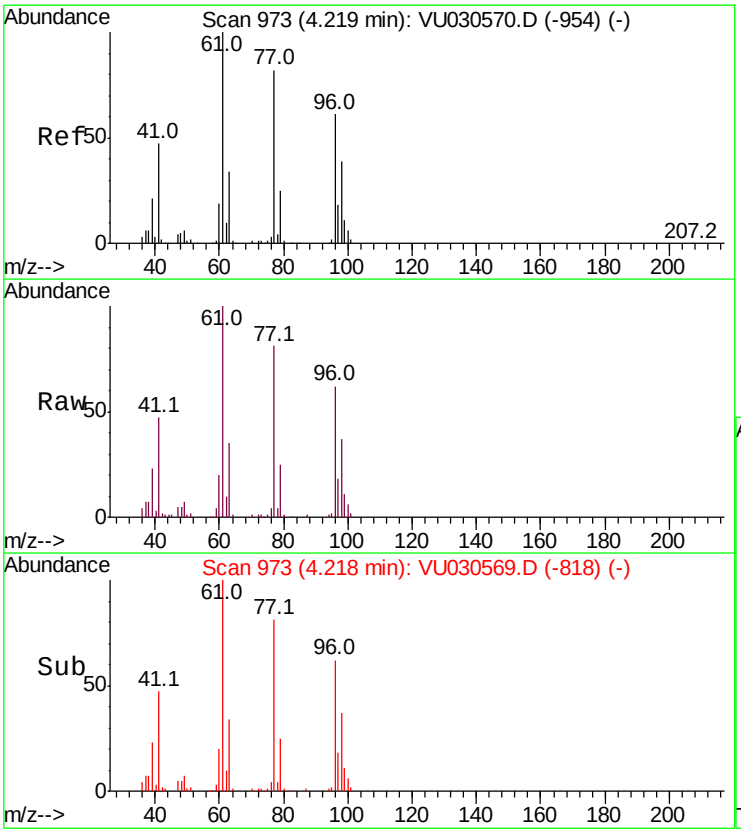
Tgt Ion: 77 Resp: 128046

Ion	Ratio	Lower	Upper
77	100		
97	21.6	17.6	26.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

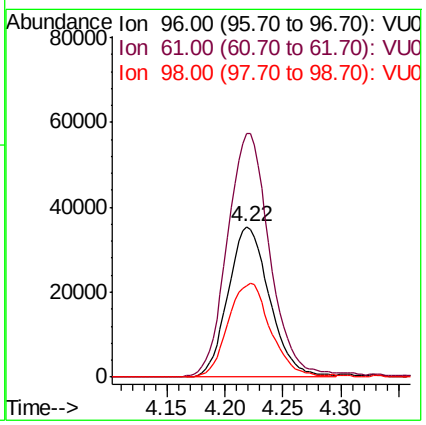
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

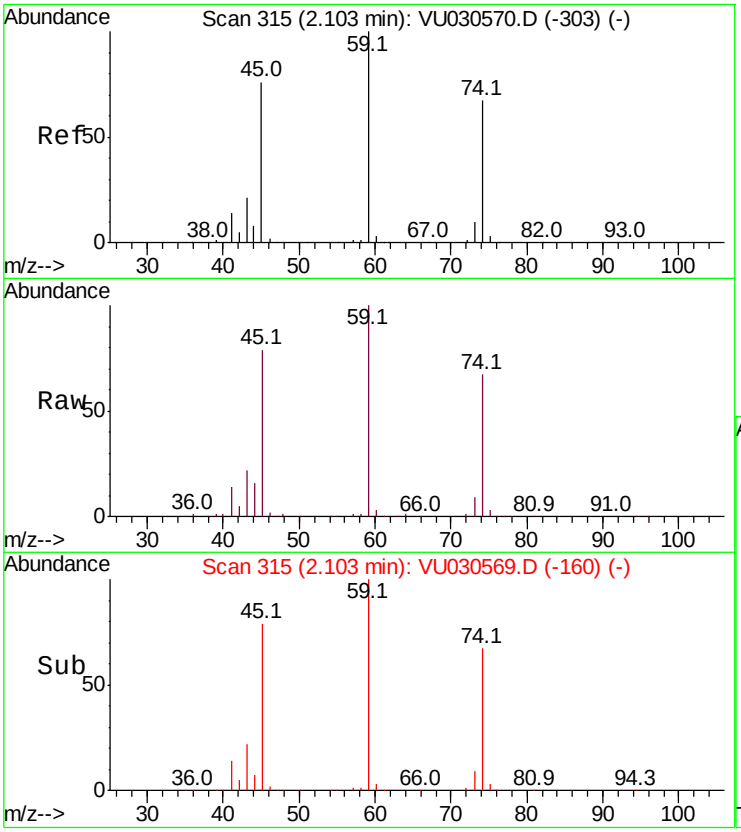


#22
cis-1,2-Dichloroethene
Concen: 4.938 ug/l
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 96 Resp: 88123

Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	427.0
98	63.6	32.5	97.4

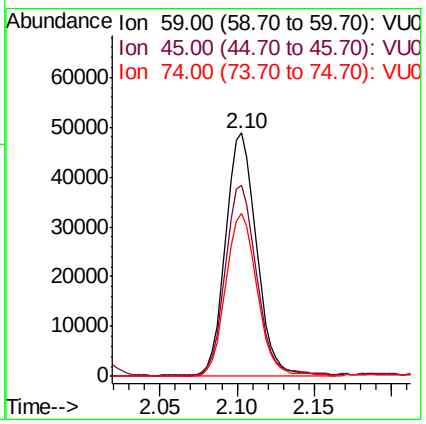




#23
Diethyl Ether
Concen: 6.214 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

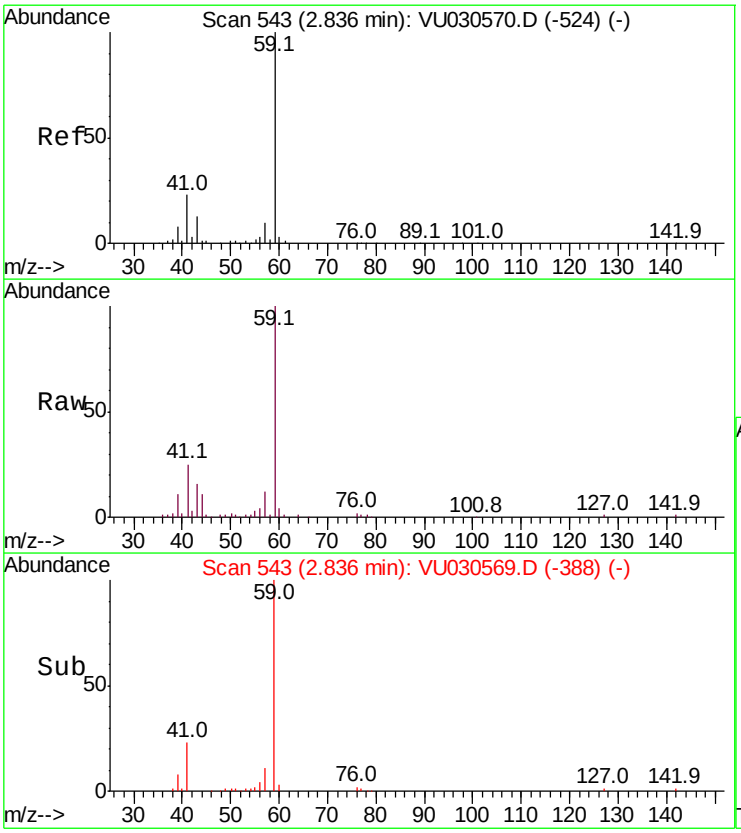
Tgt Ion: 59 Resp: 68076

Ion	Ratio	Lower	Upper
59	100		
45	77.4	61.6	92.4
74	67.9	53.2	79.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

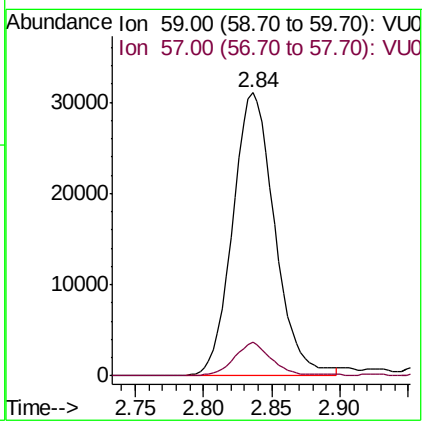
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

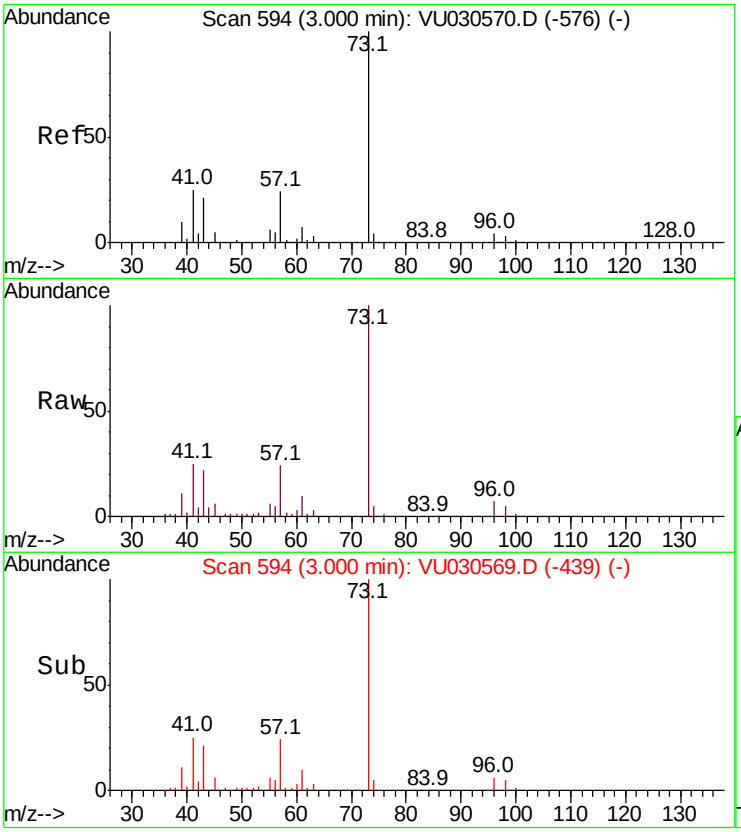


#24
tert-Butyl Alcohol
Concen: 56.841 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 59 Resp: 66466

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

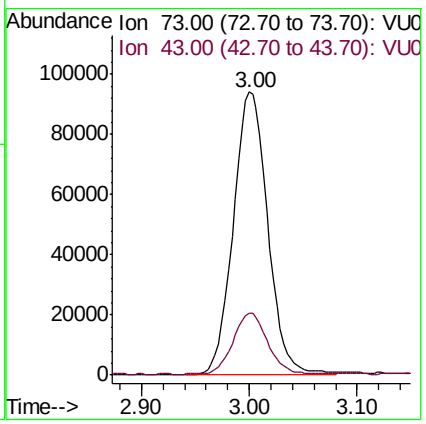




#25
Methyl tert-Butyl Ether
Concen: 5.760 ug/l
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

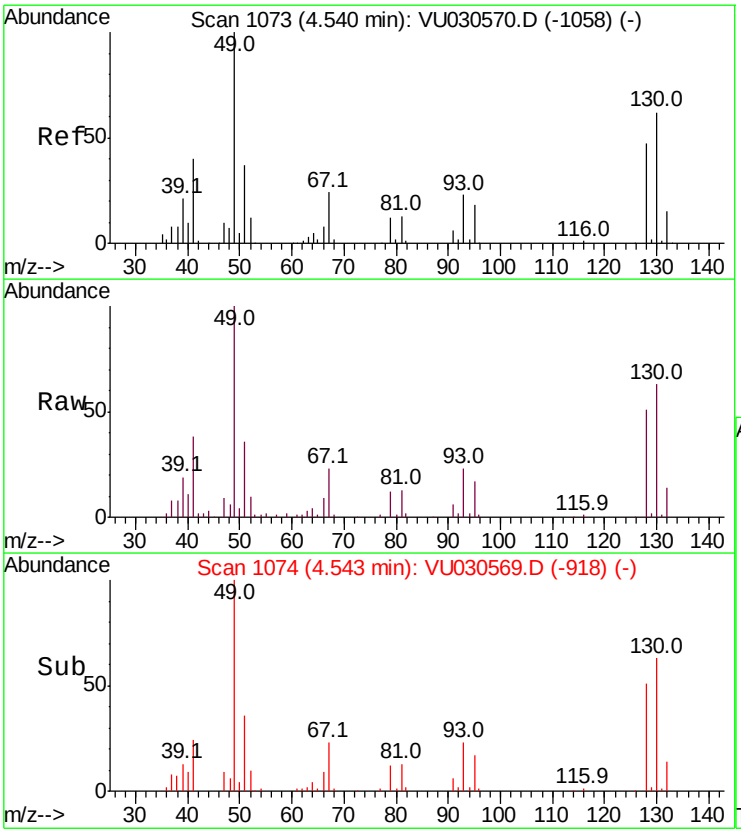
Tgt Ion: 73 Resp: 209736

Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	24.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

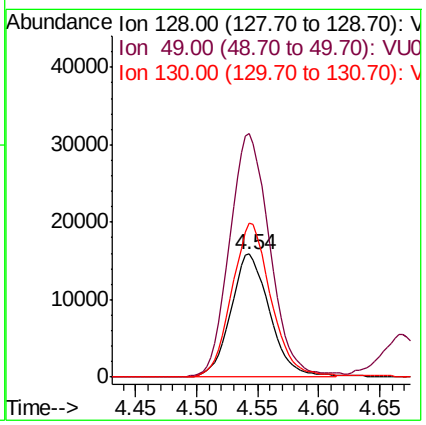
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

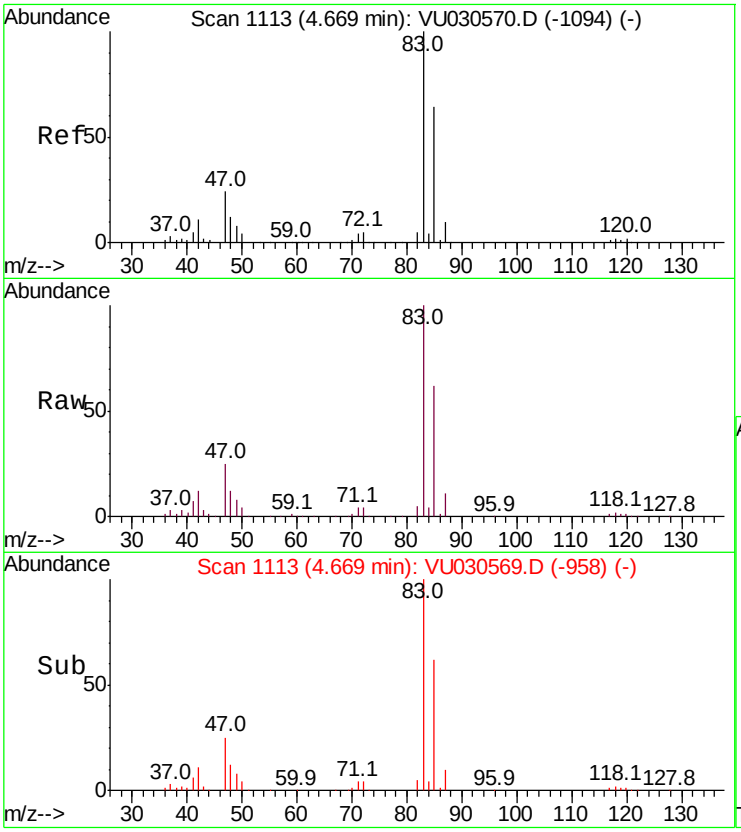


#26
Bromochloromethane
Concen: 4.604 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:128 Resp: 35339

Ion	Ratio	Lower	Upper
128	100		
49	204.9	0.0	418.2
130	125.7	103.4	155.0

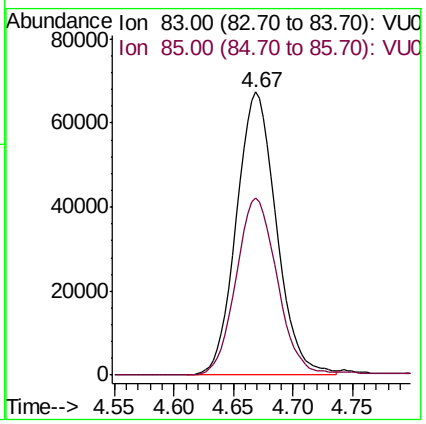




#27
Chloroform
Concen: 5.355 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

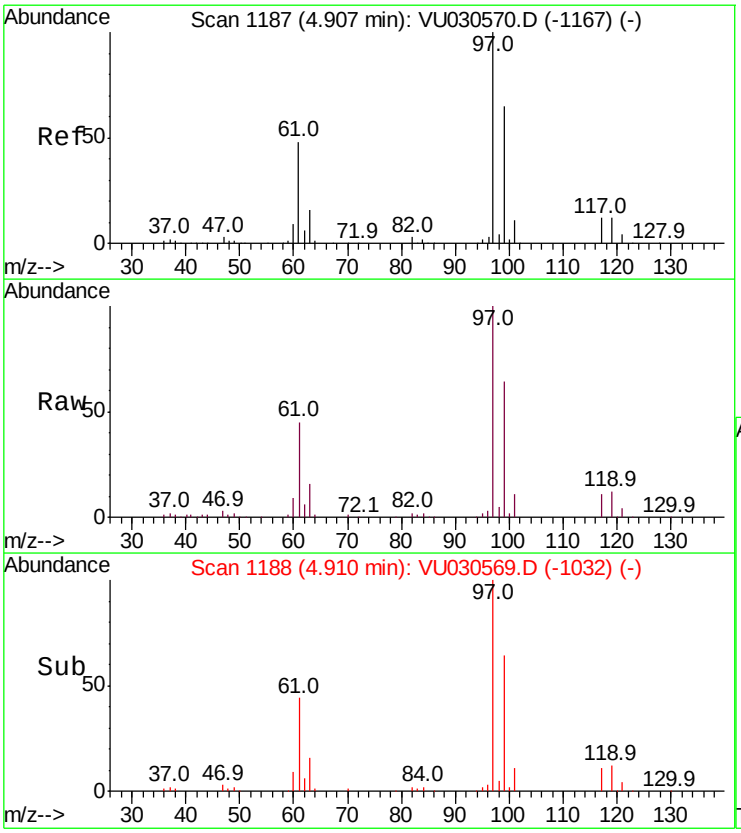
Tgt Ion: 83 Resp: 156859

Ion	Ratio	Lower	Upper
83	100		
85	62.4	0.0	128.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

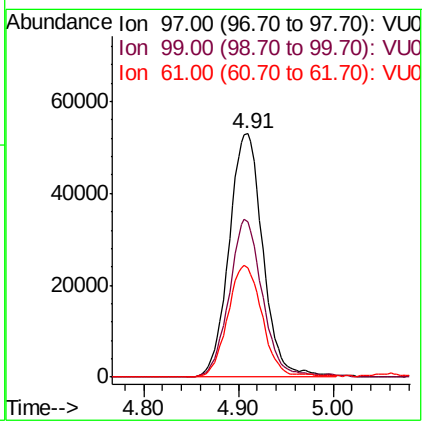
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

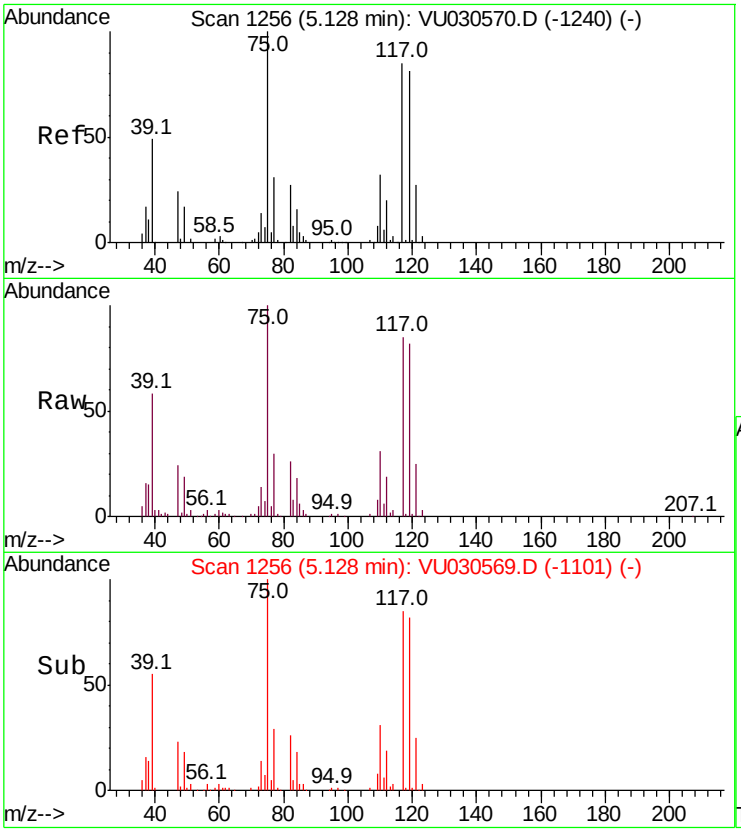


#28
1,1,1-Trichloroethane
Concen: 5.504 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 97 Resp: 131586

Ion	Ratio	Lower	Upper
97	100		
99	63.7	32.0	96.0
61	46.5	24.0	72.0

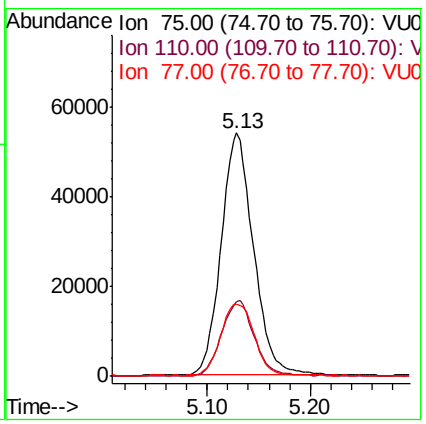




#29
1,1-Dichloropropene
Concen: 5.416 ug/l
RT: 5.13 min Scan# 1256
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

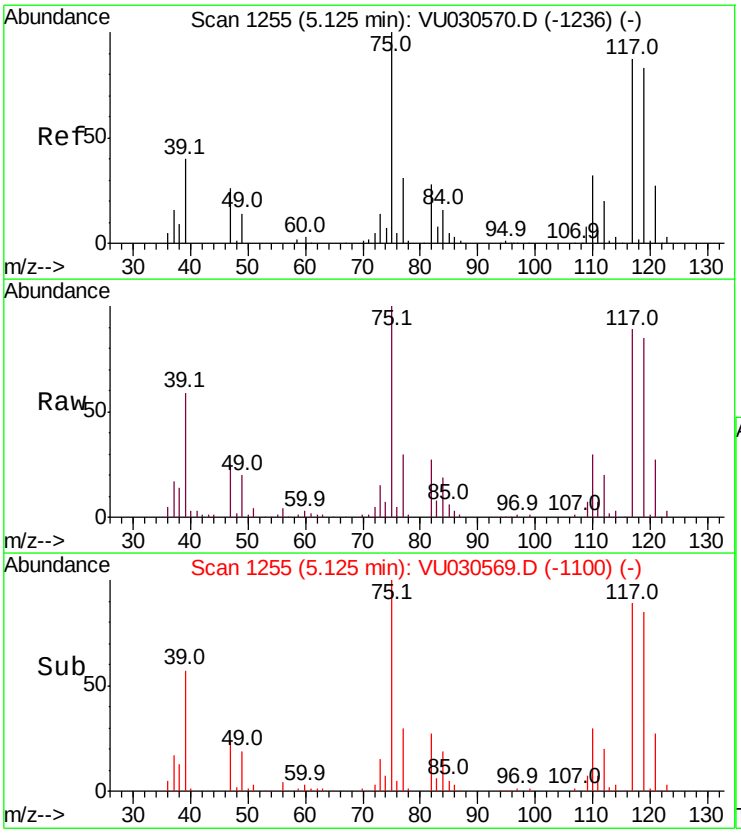
Tgt Ion: 75 Resp: 117689

Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.0	48.0
77	30.6	24.8	37.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

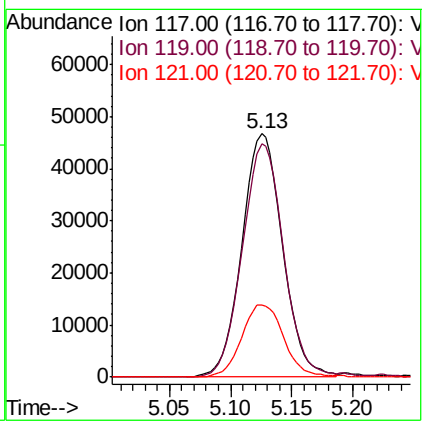
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

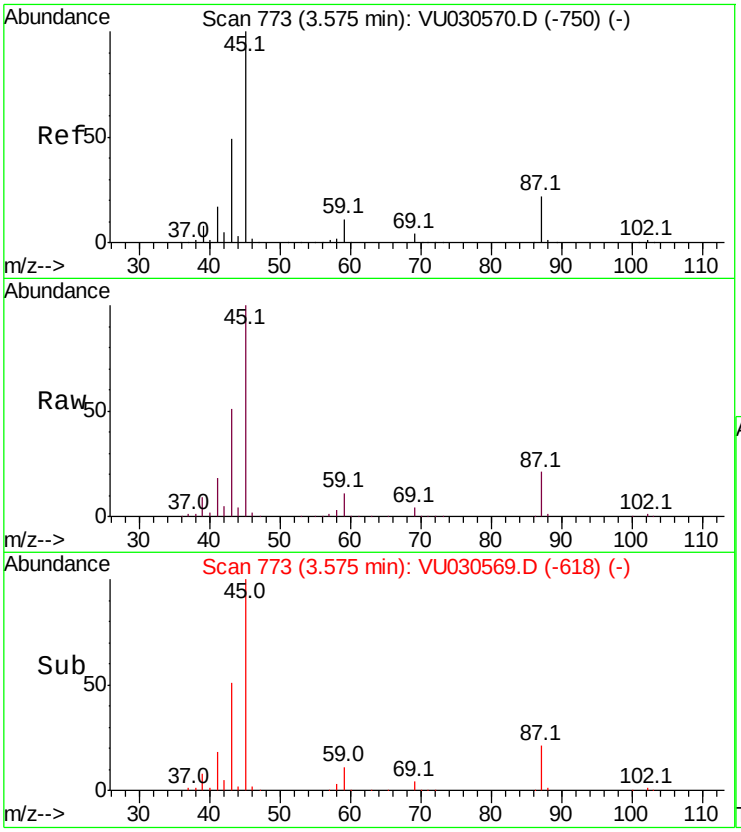


#30
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:117 Resp: 107919

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.4	114.6
121	29.8	24.7	37.1

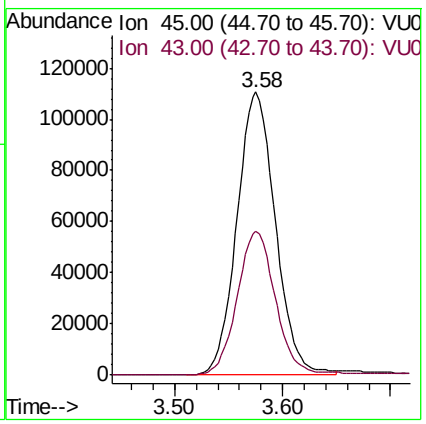




#31
Isopropyl Ether
Concen: 6.651 ug/l
RT: 3.58 min Scan# 773
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

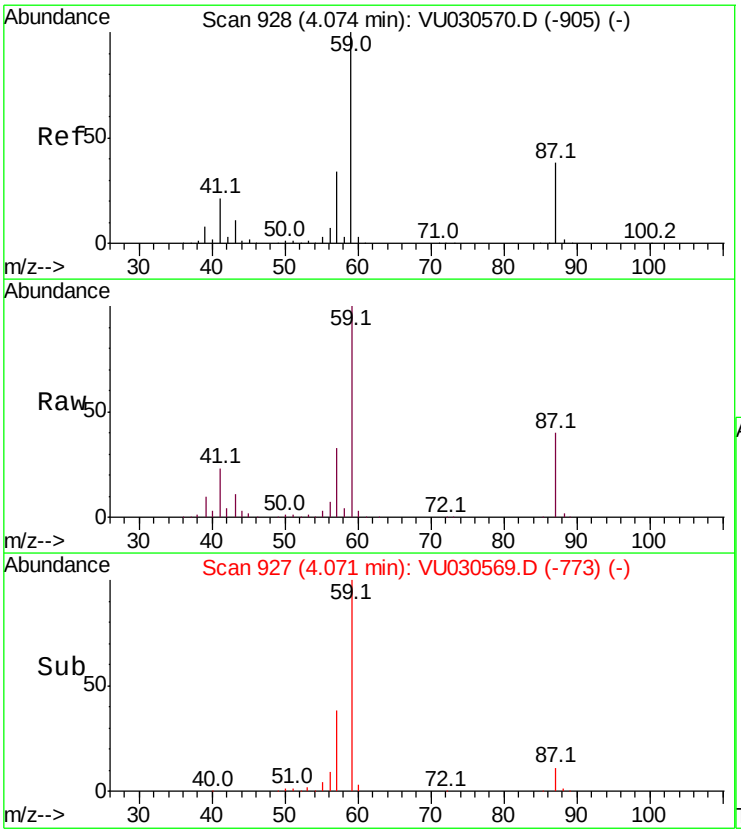
Tgt Ion: 45 Resp: 274566

Ion	Ratio	Lower	Upper
45	100		
43	49.9	25.0	75.0



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

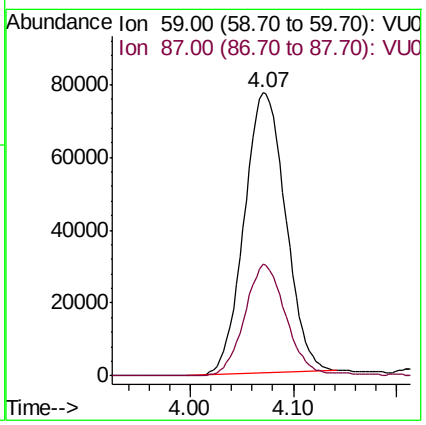
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

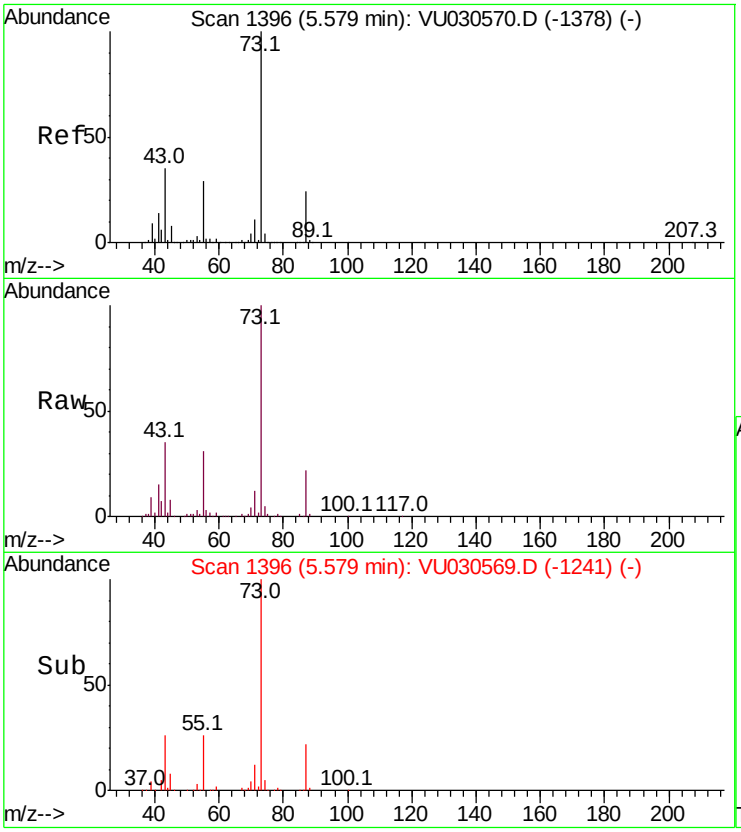


#32
Ethyl-t-butyl ether
Concen: 5.622 ug/l
RT: 4.07 min Scan# 927
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 59 Resp: 214900

Ion	Ratio	Lower	Upper
59	100		
87	37.7	30.1	45.1

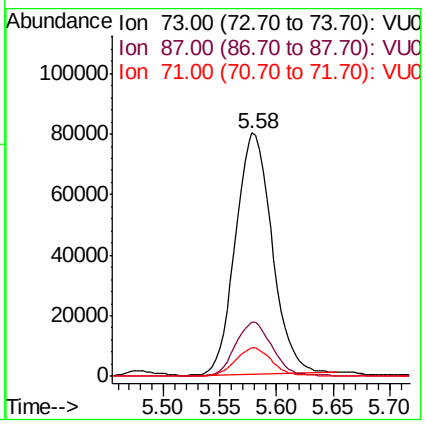




#33
Tert-Amyl methyl ether
Concen: 5.229 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

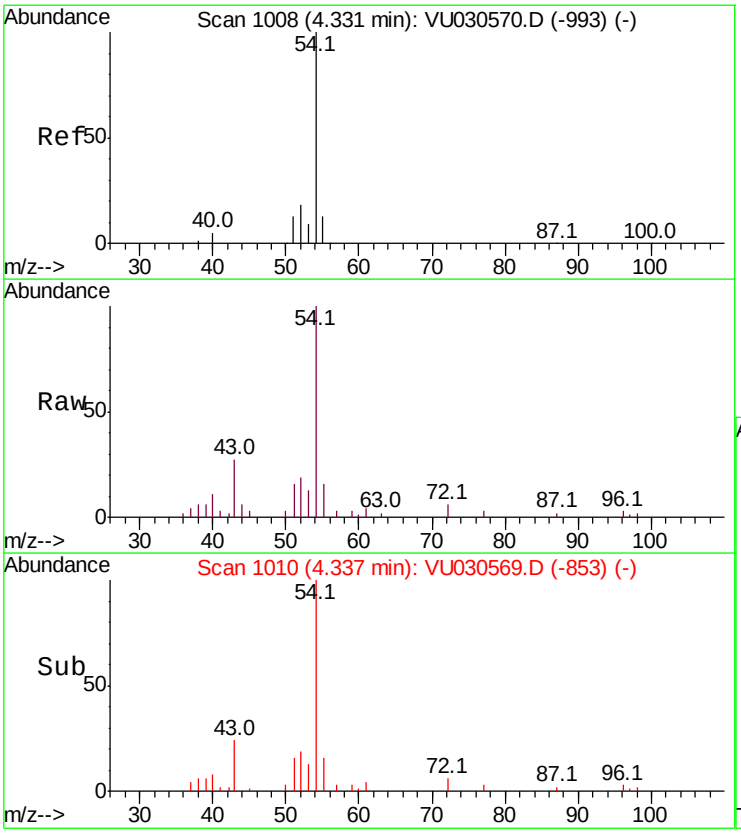
Tgt Ion: 73 Resp: 179593

Ion	Ratio	Lower	Upper
73	100		
87	22.5	18.6	27.8
71	11.5	9.0	13.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

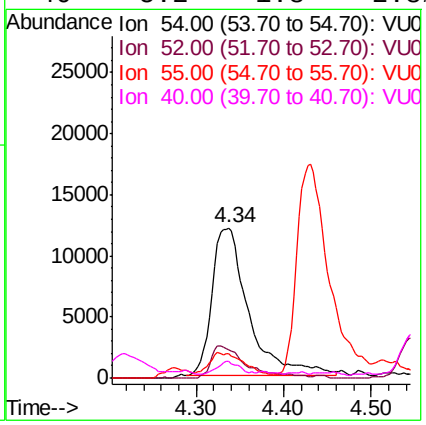
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

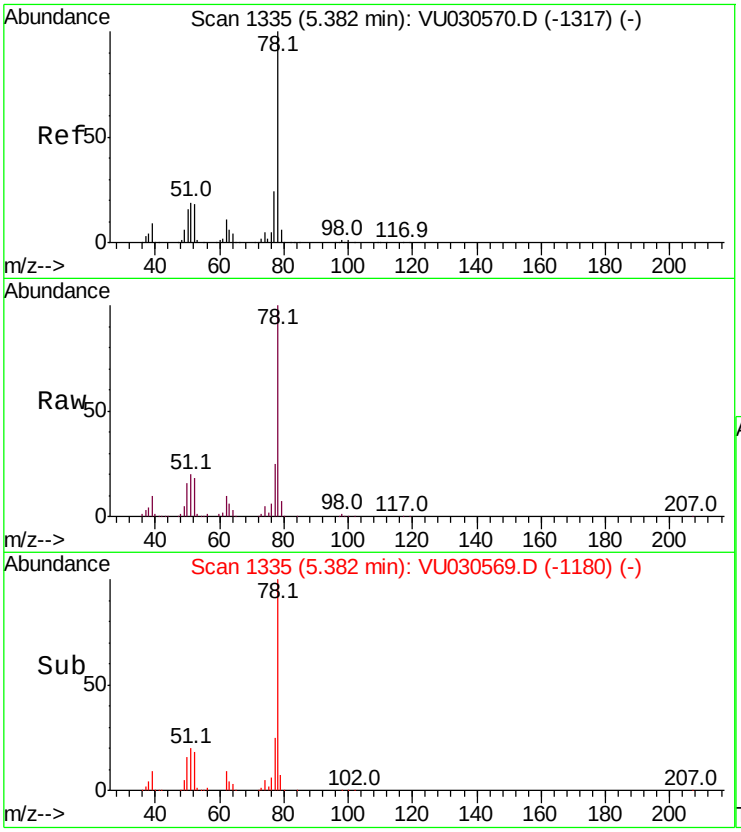


#34
Propionitrile
Concen: 32.679 ug/l
RT: 4.34 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 54 Resp: 35415

Ion	Ratio	Lower	Upper
54	100		
52	19.3	14.1	21.1
55	14.9	10.4	15.6
40	5.2	1.8	2.8#





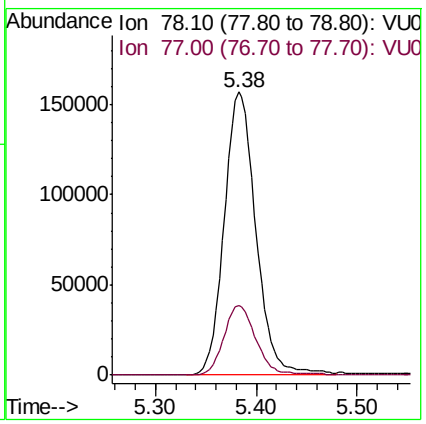
#35
Benzene
Concen: 5.401 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

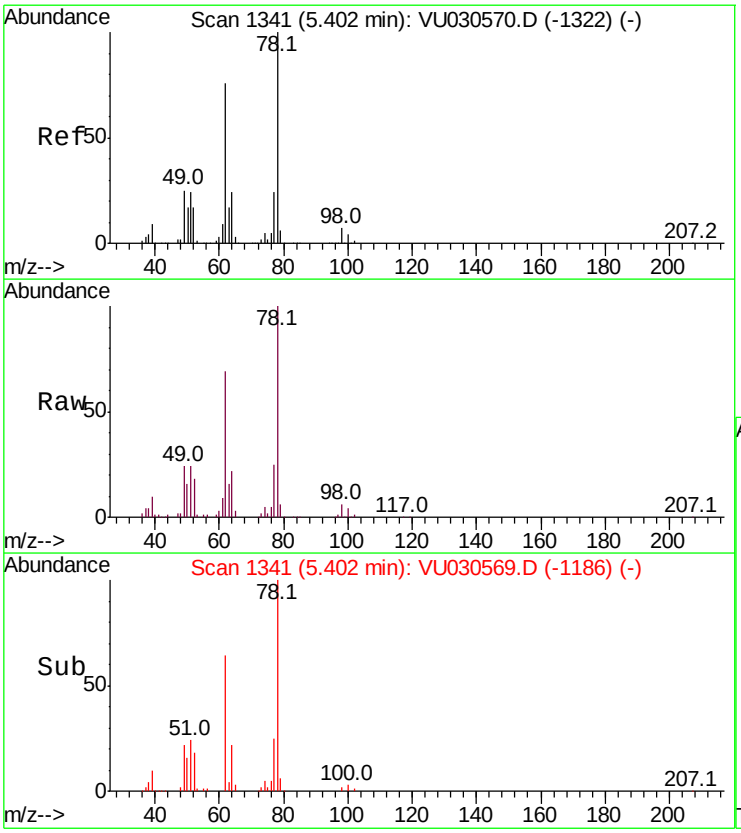
Tgt Ion: 78 Resp: 344543

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.5	29.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

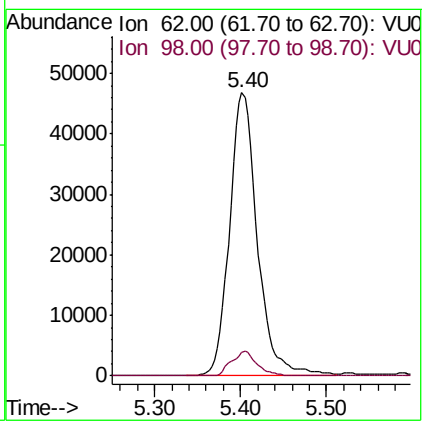


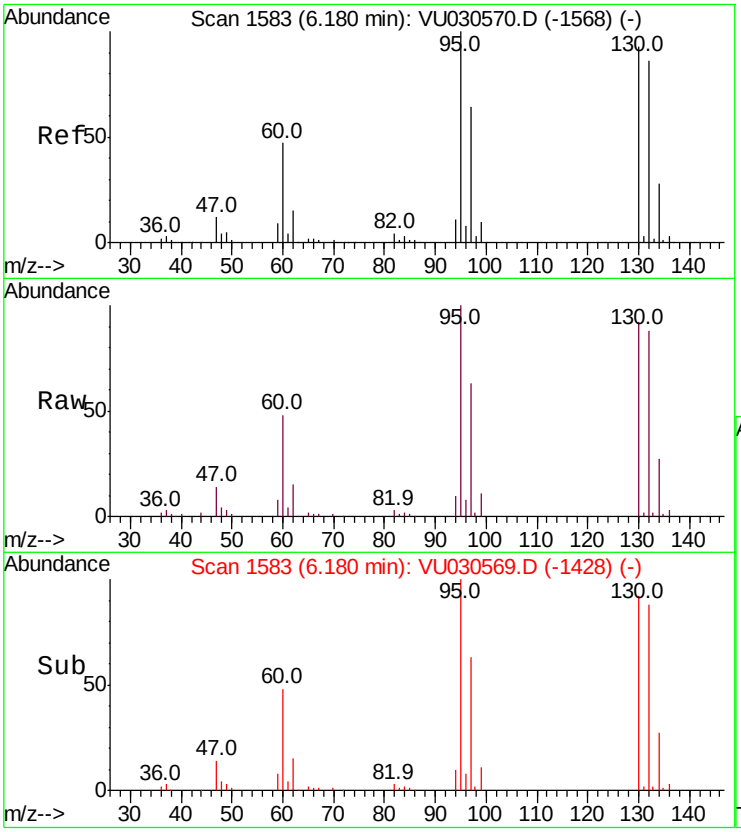


#36
1,2-Dichloroethane
Concen: 6.013 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 62 Resp: 105412

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.8	10.2

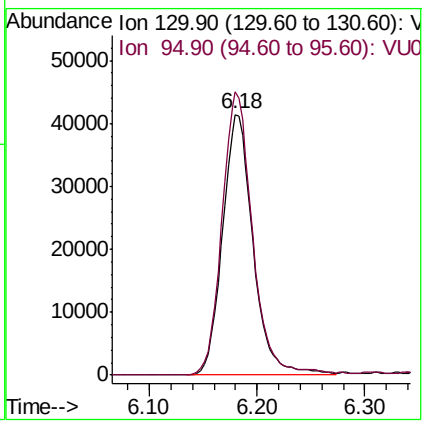




#37
Trichloroethene
Concen: 4.601 ug/l
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

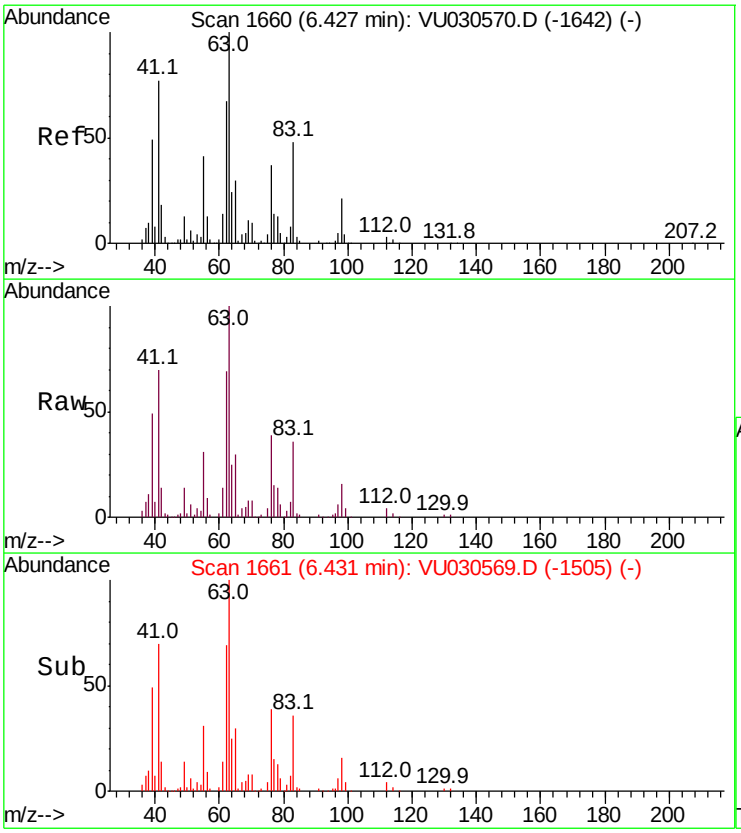
Tgt Ion:130 Resp: 81837

Ion	Ratio	Lower	Upper
130	100		
95	108.6	85.8	128.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

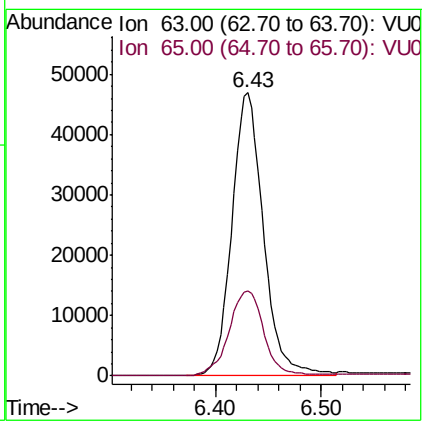
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

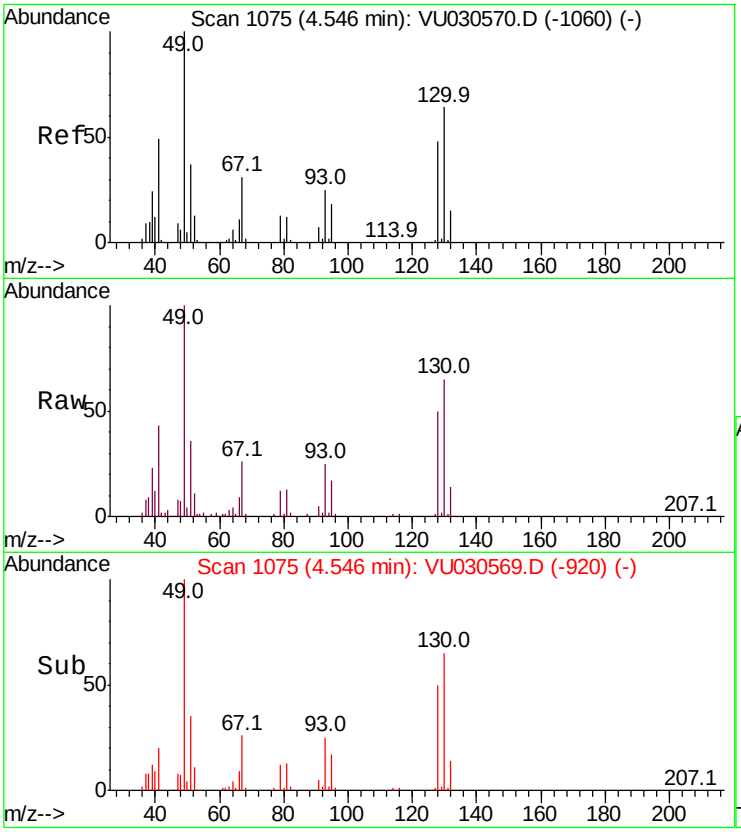


#38
1,2-Dichloropropane
Concen: 5.917 ug/l
RT: 6.43 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 63 Resp: 97559

Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.9	35.9

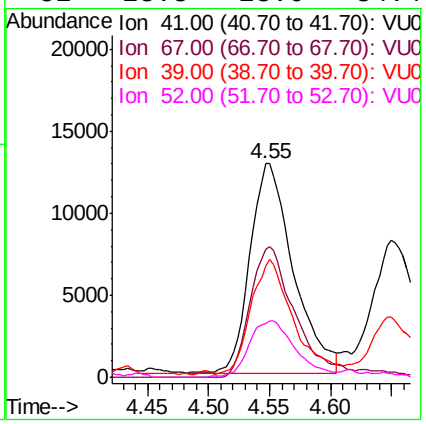




#39
Methacrylonitrile
Concen: 6.488 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

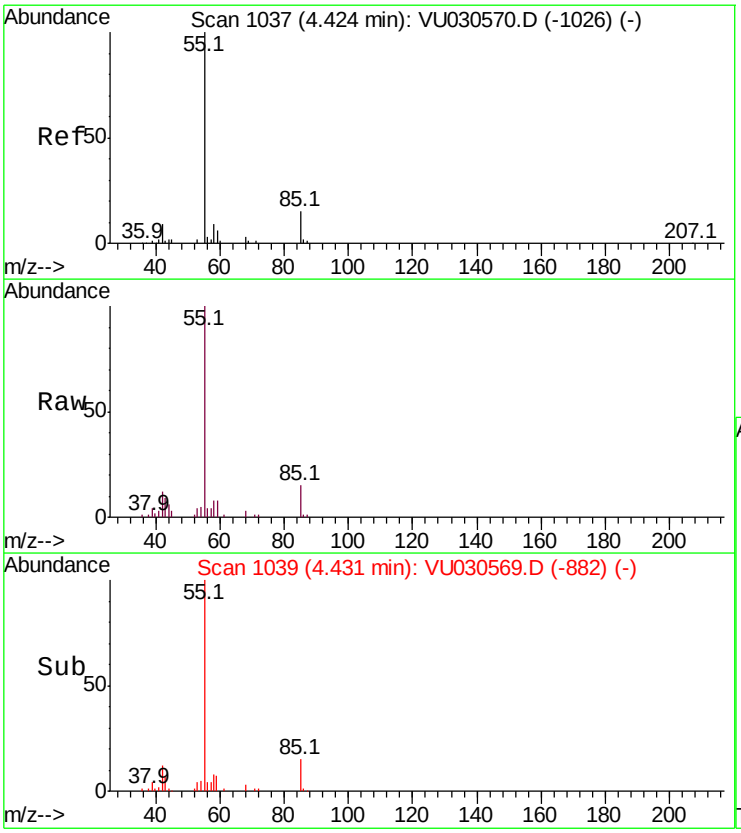
Tgt Ion: 41 Resp: 31269

Ion	Ratio	Lower	Upper
41	100		
67	64.4	50.2	75.4
39	52.8	40.7	61.1
52	28.8	23.0	34.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

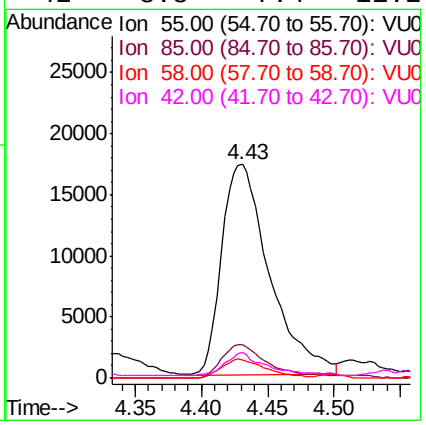
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

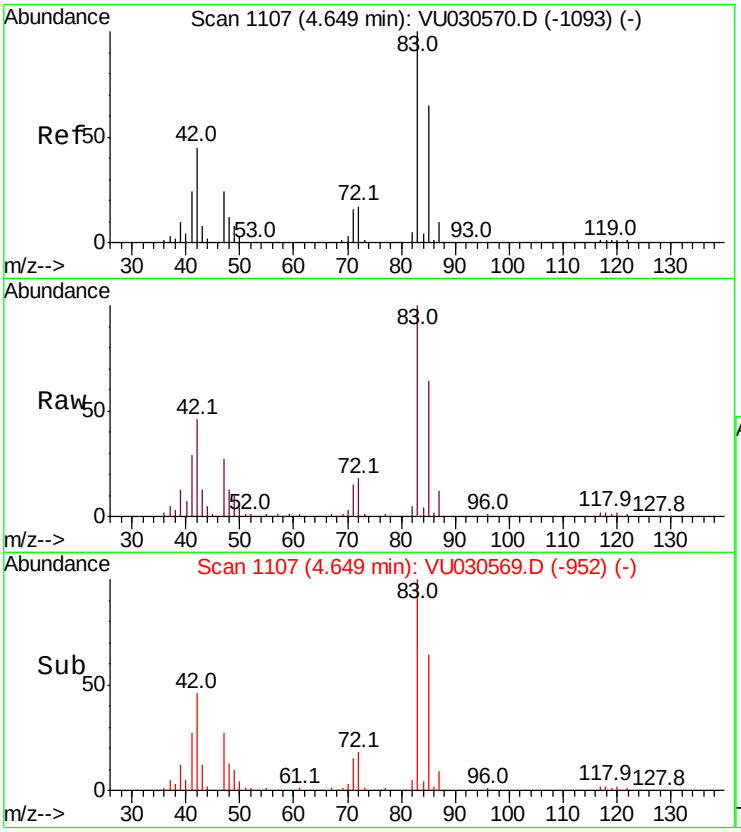


#40
Methyl acrylate
Concen: 5.927 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 55 Resp: 43472

Ion	Ratio	Lower	Upper
55	100		
85	14.7	12.5	18.7
58	8.1	6.3	9.5
42	8.8	7.4	11.2

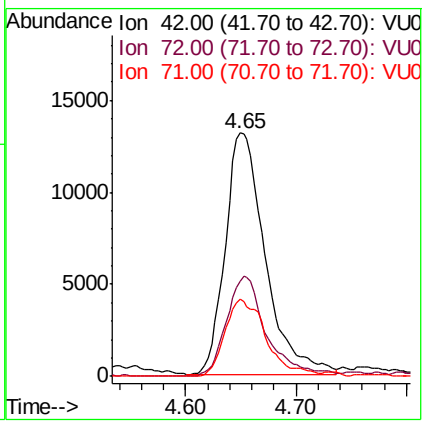




#41
Tetrahydrofuran
Concen: 12.610 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

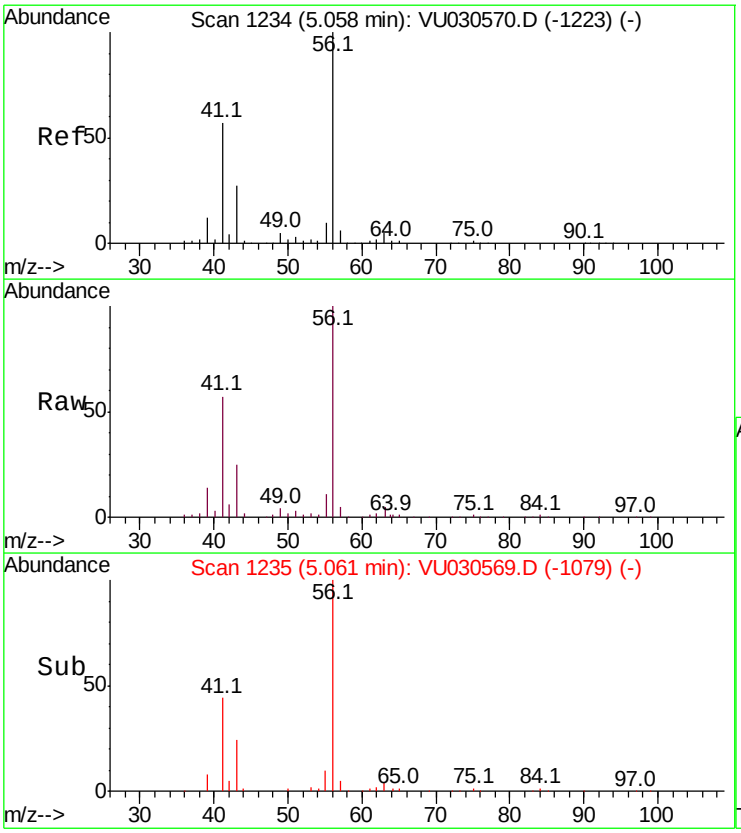
Tgt Ion: 42 Resp: 33024

Ion	Ratio	Lower	Upper
42	100		
72	40.5	33.4	50.0
71	32.8	28.8	43.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

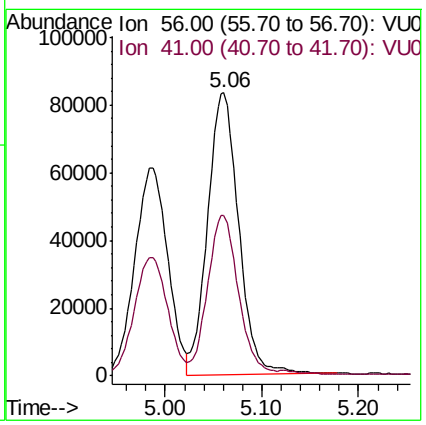
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

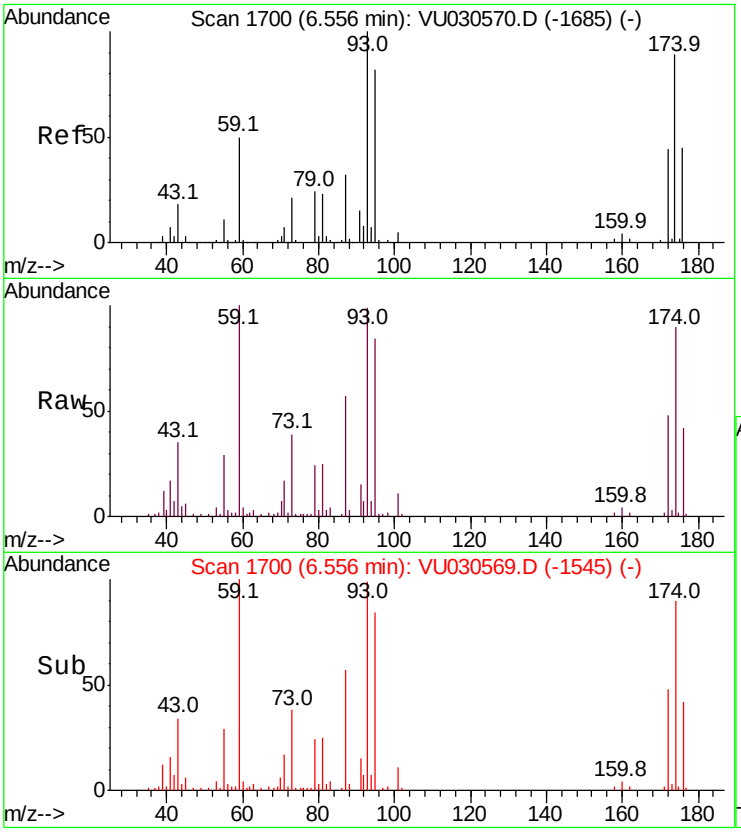


#42
1-Chlorobutane
Concen: 6.320 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 56 Resp: 185793

Ion	Ratio	Lower	Upper
56	100		
41	53.8	28.5	85.6

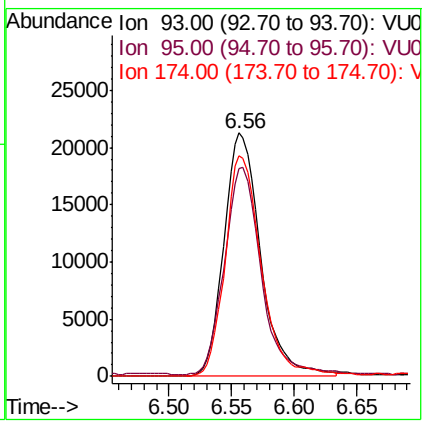




#43
Dibromomethane
Concen: 5.176 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

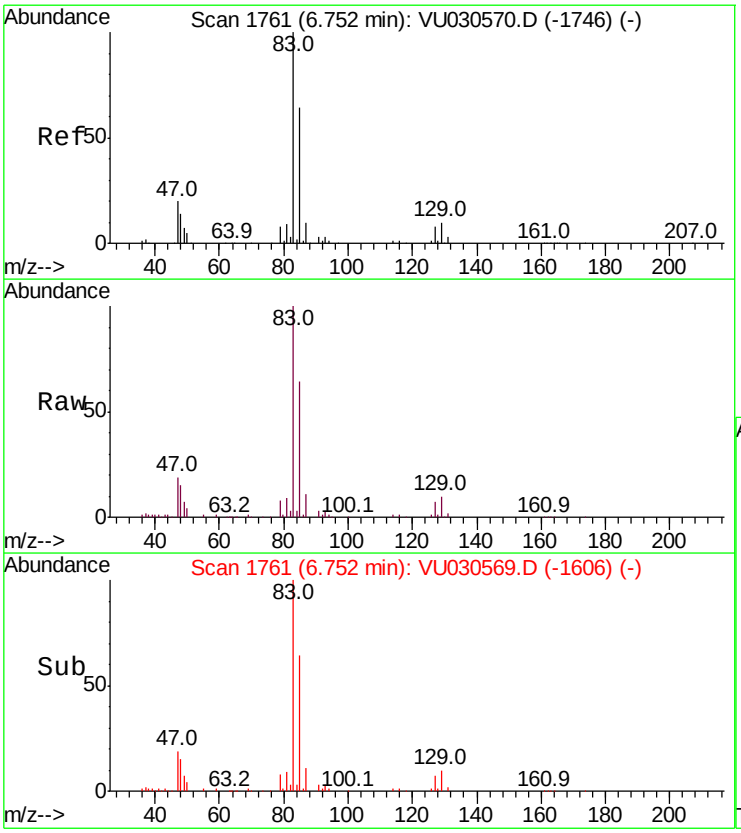
Tgt Ion: 93 Resp: 43269

Ion	Ratio	Lower	Upper
93	100		
95	85.7	63.9	95.9
174	89.9	71.0	106.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

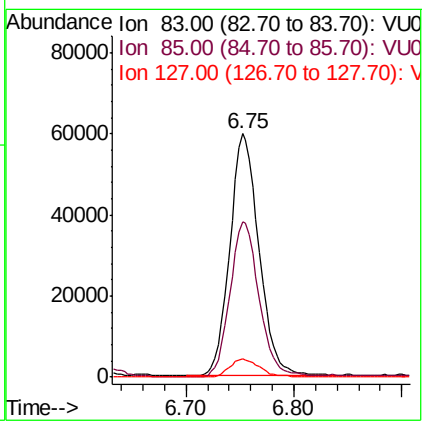
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

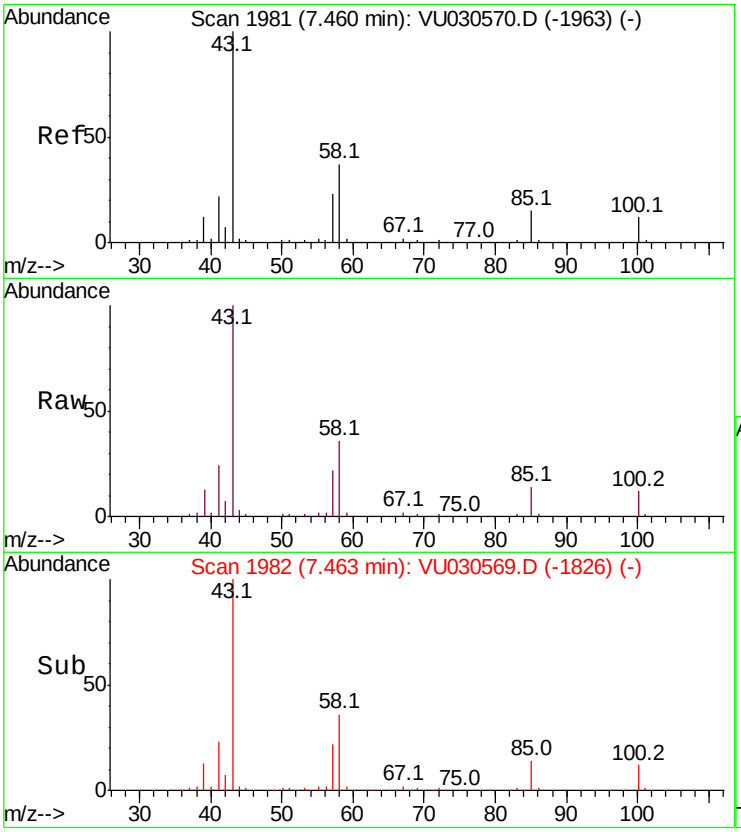


#44
Bromodichloromethane
Concen: 5.578 ug/l
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 83 Resp: 112600

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.1	76.7
127	7.4	6.1	9.1

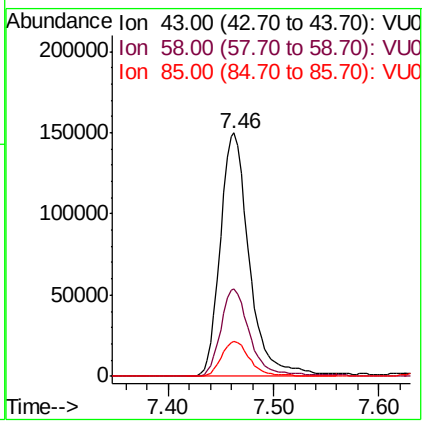




#45
4-Methyl-2-Pentanone
Concen: 32.496 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

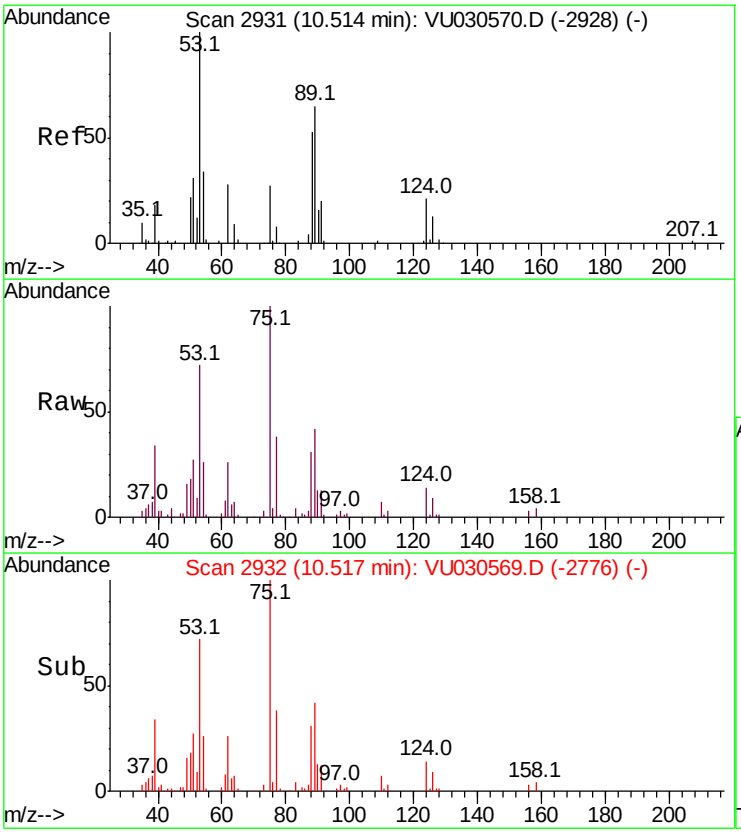
Tgt Ion: 43 Resp: 286230

Ion	Ratio	Lower	Upper
43	100		
58	35.9	18.6	55.8
85	14.2	11.8	17.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

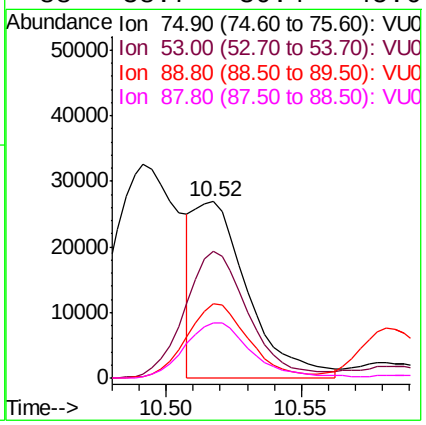
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

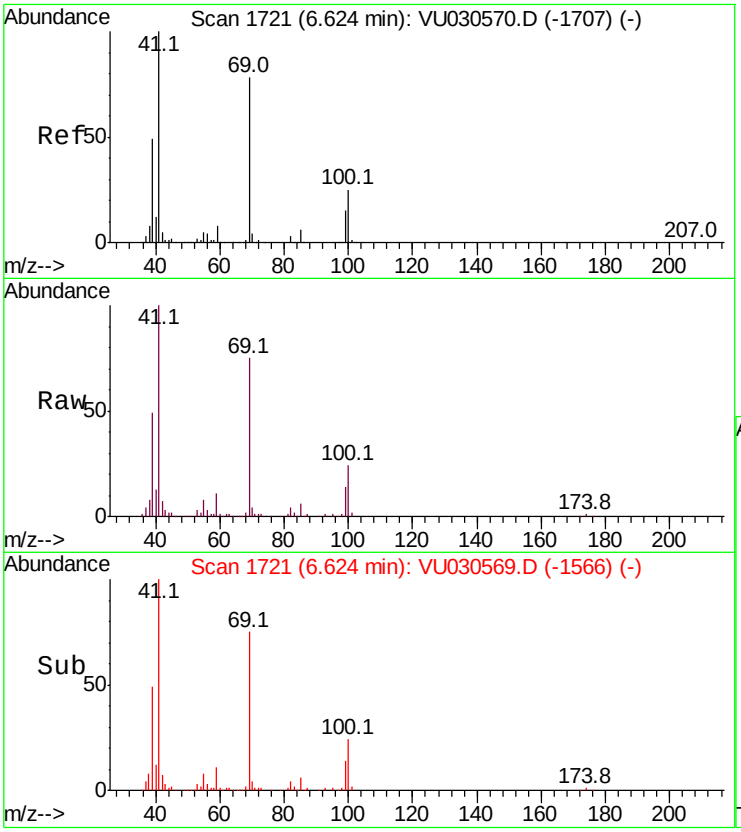


#46
t-1,4-Dichloro-2-butene
Concen: 11.578 ug/l m
RT: 10.52 min Scan# 2932
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 75 Resp: 37381

Ion	Ratio	Lower	Upper
75	100		
53	84.6	63.4	95.2
89	47.9	39.1	58.7
88	38.7	30.4	45.6

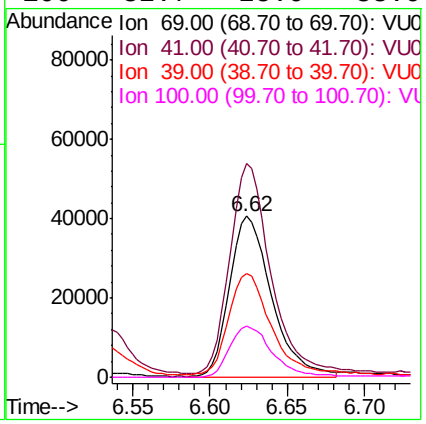




#47
Methyl methacrylate
Concen: 10.799 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

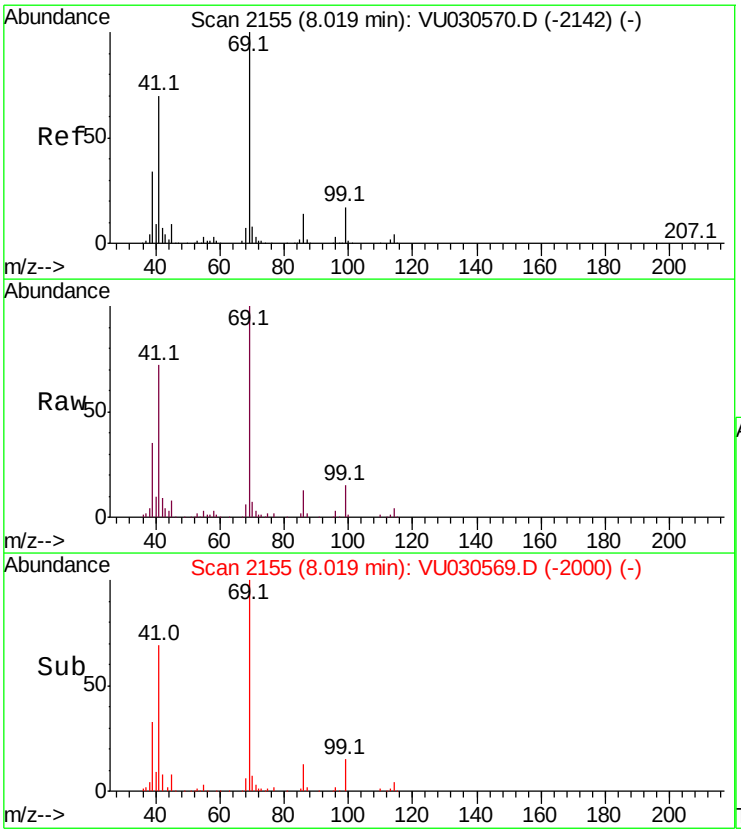
Tgt Ion: 69 Resp: 76456

Ion	Ratio	Lower	Upper
69	100		
41	128.1	0.0	258.0
39	65.1	51.0	76.4
100	32.7	25.9	38.9



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

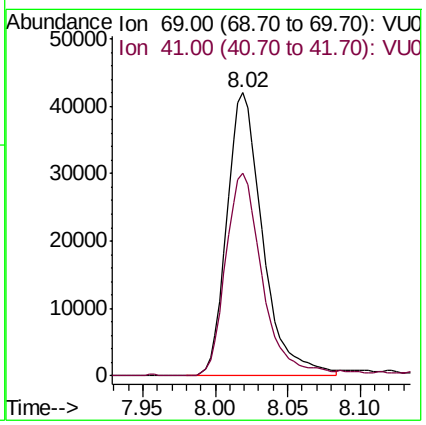
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

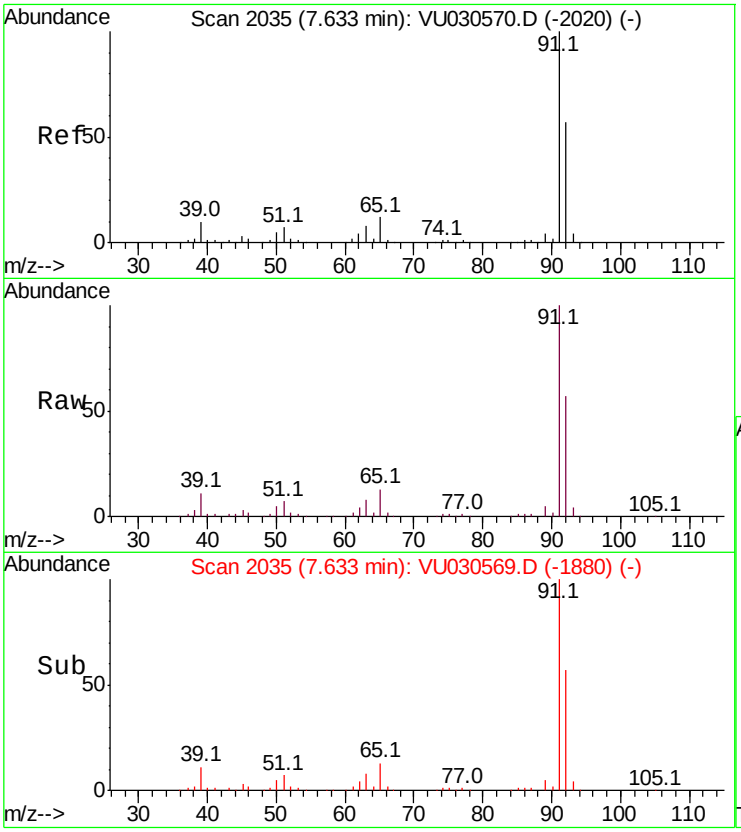


#48
Ethyl methacrylate
Concen: 5.436 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 69 Resp: 72228

Ion	Ratio	Lower	Upper
69	100		
41	74.4	36.1	108.5

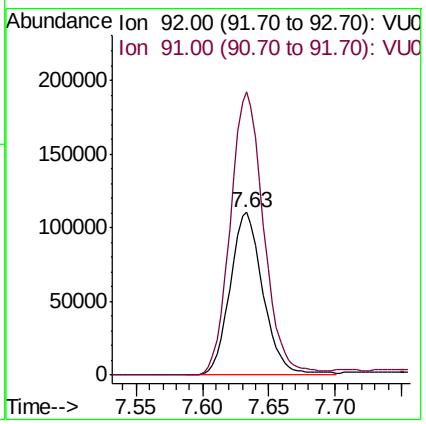




#49
Toluene
Concen: 5.057 ug/l
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

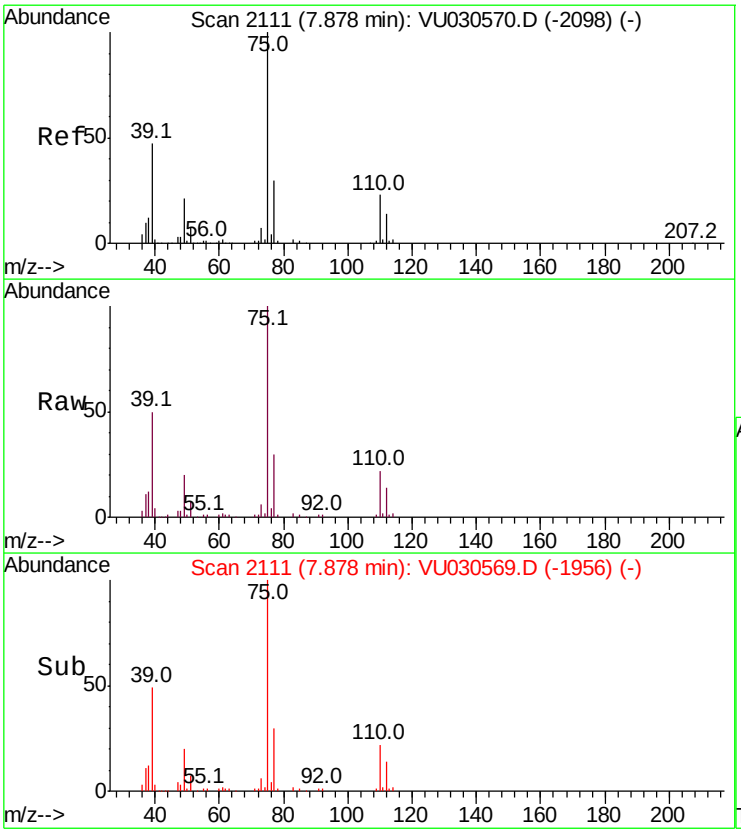
Tgt Ion: 92 Resp: 191616

Ion	Ratio	Lower	Upper
92	100		
91	175.5	140.2	210.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

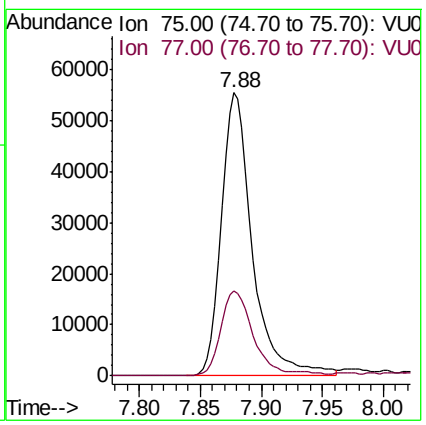
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

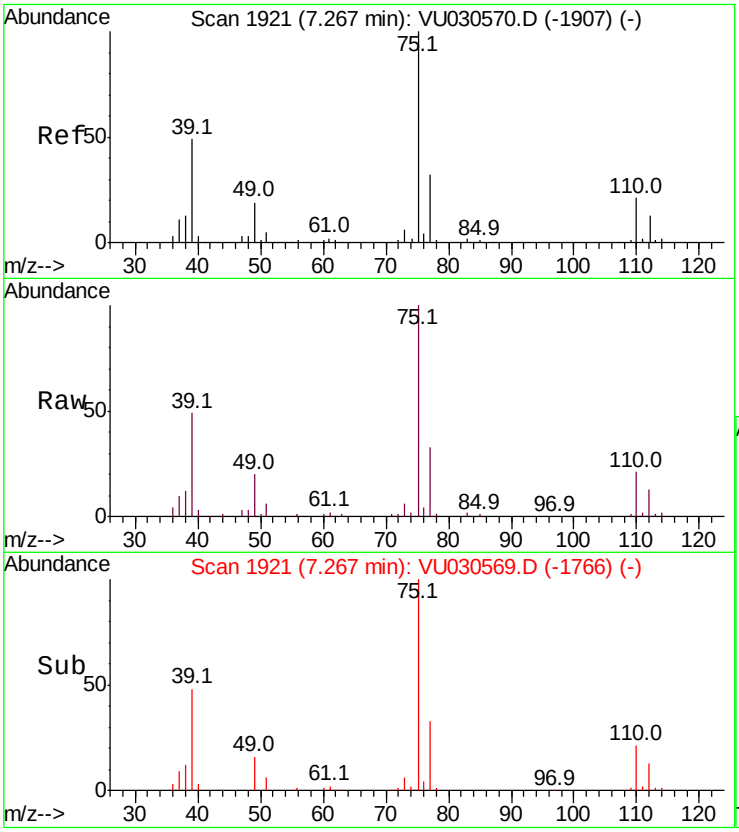


#50
t-1,3-Dichloropropene
Concen: 5.509 ug/l
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 75 Resp: 99067

Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.4	36.6

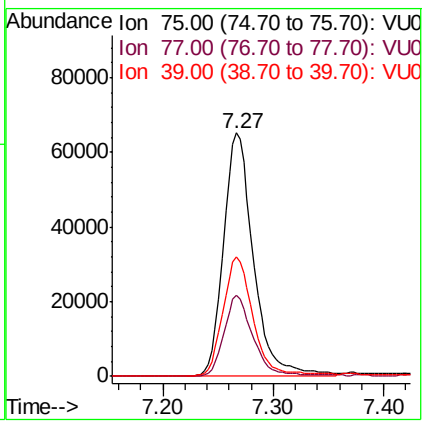




#51
cis-1,3-Dichloropropene
Concen: 5.488 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

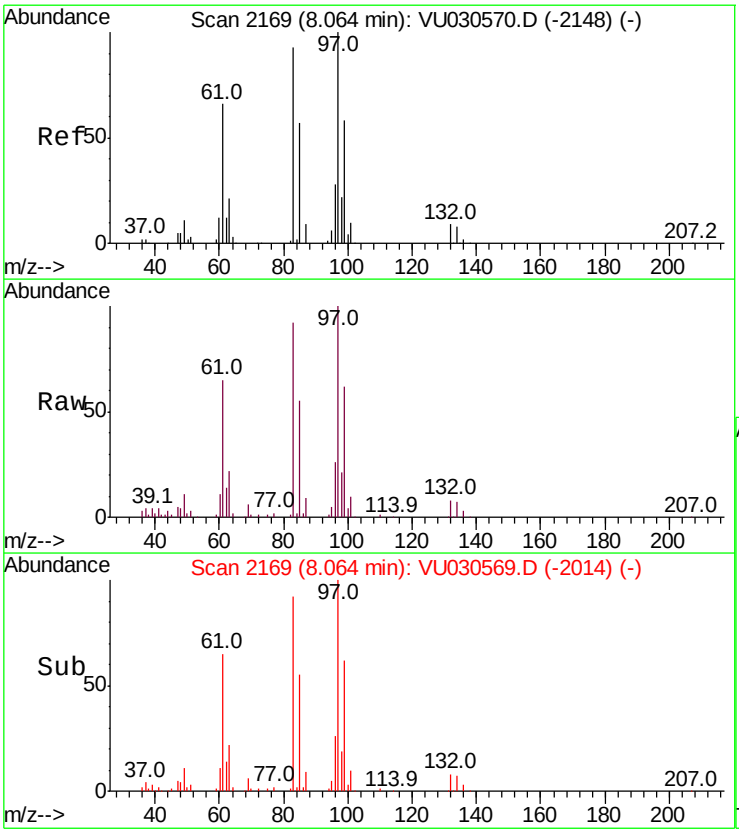
Tgt Ion: 75 Resp: 123079

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.6
39	48.5	39.3	58.9



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

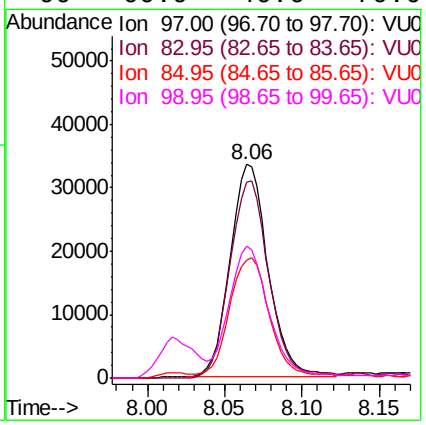
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

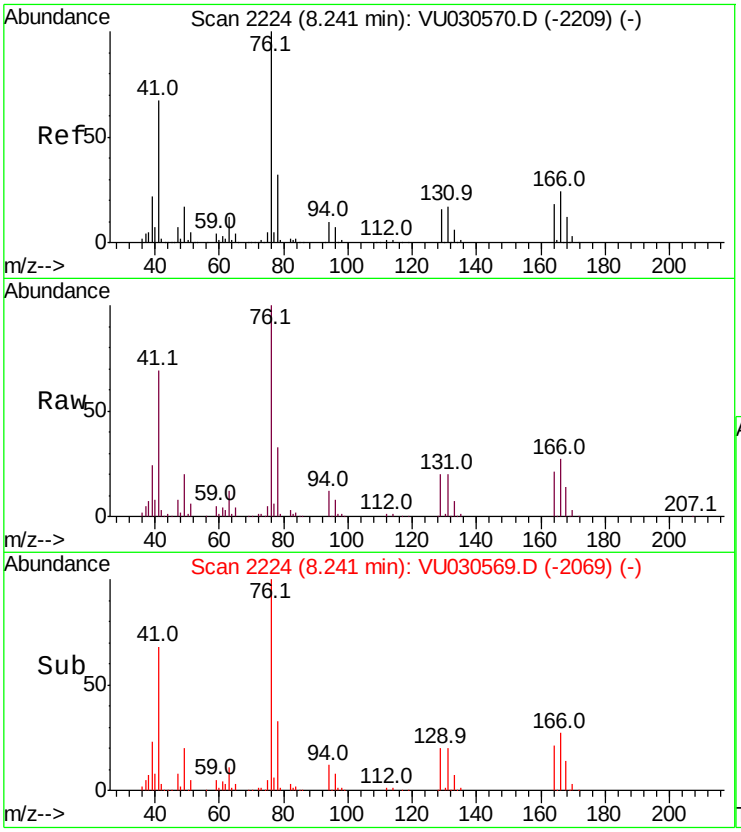


#52
1,1,2-Trichloroethane
Concen: 4.939 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 97 Resp: 57733

Ion	Ratio	Lower	Upper
97	100		
83	91.9	74.3	111.5
85	54.3	45.4	68.0
99	60.9	46.6	70.0





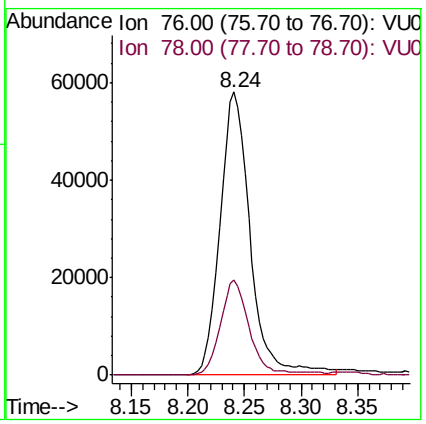
#53
1,3-Dichloropropane
Concen: 5.436 ug/l
RT: 8.24 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

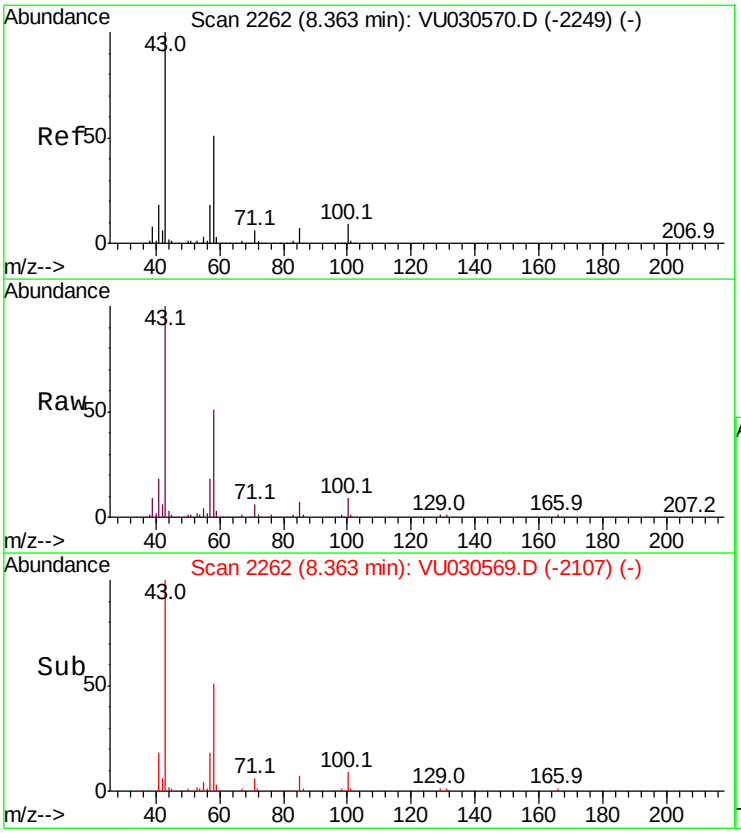
Tgt Ion: 76 Resp: 108086

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.3	37.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

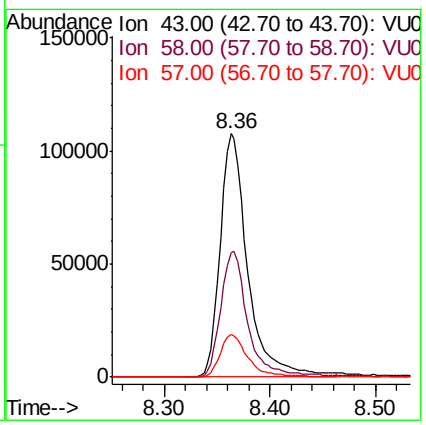


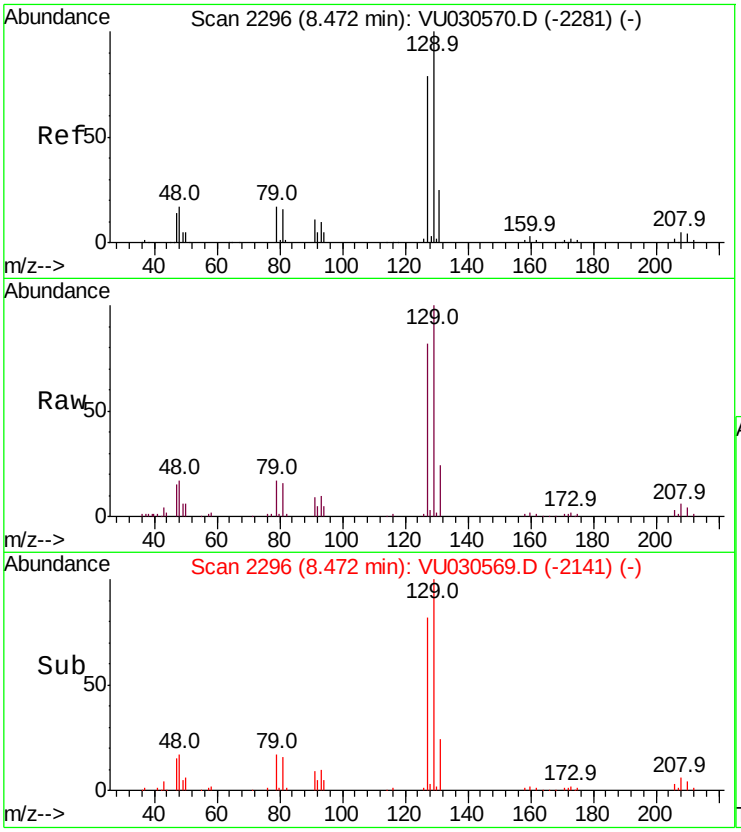


#54
2-Hexanone
Concen: 30.832 ug/l
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 43 Resp: 193669

Ion	Ratio	Lower	Upper
43	100		
58	51.3	32.5	72.5
57	17.9	0.0	37.6

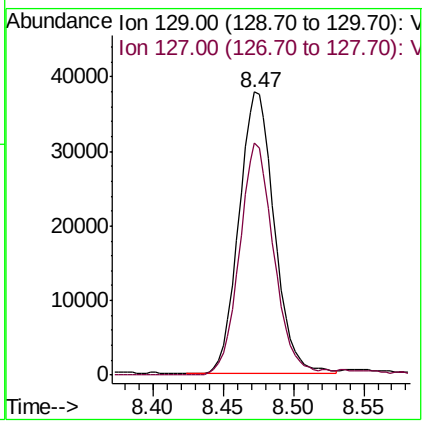




#55
Dibromochloromethane
Concen: 4.792 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

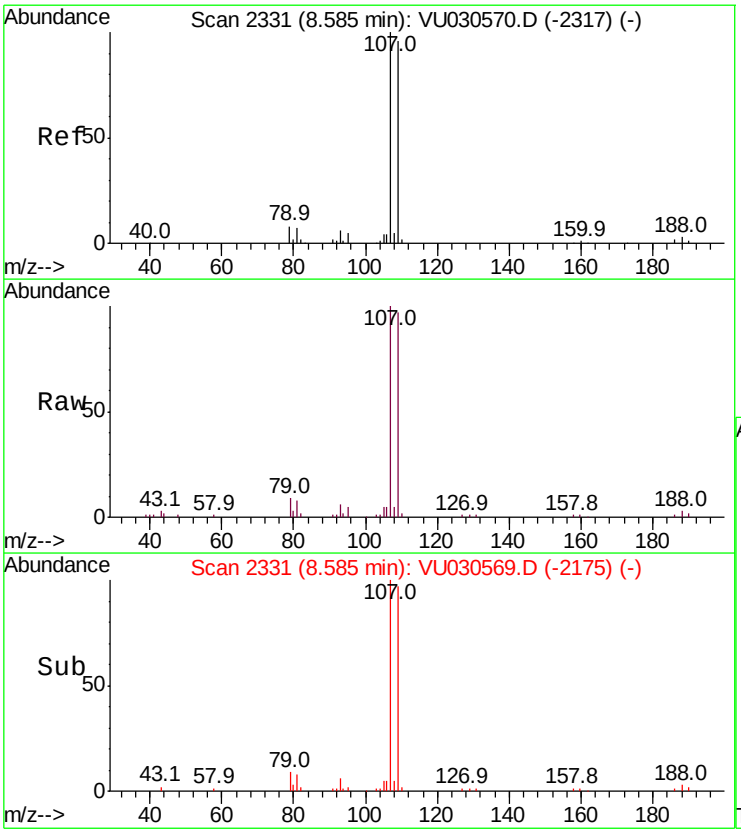
Tgt Ion:129 Resp: 66676

Ion	Ratio	Lower	Upper
129	100		
127	80.1	62.2	93.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

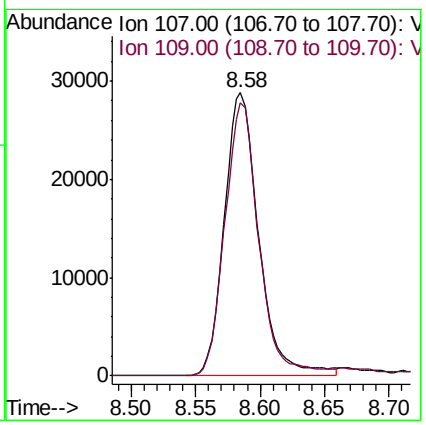
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

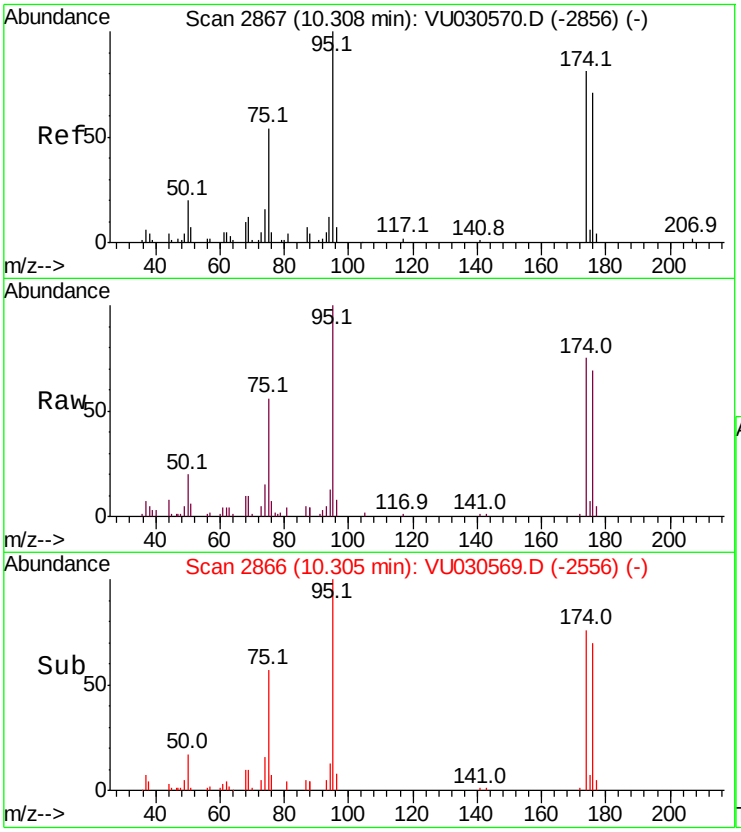


#56
1,2-Dibromoethane
Concen: 4.797 ug/l
RT: 8.58 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:107 Resp: 53441

Ion	Ratio	Lower	Upper
107	100		
109	95.2	0.0	190.0

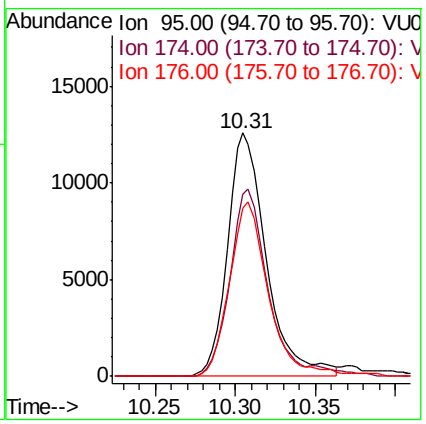




#57
4-Bromofluorobenzene
Concen: 4.797 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

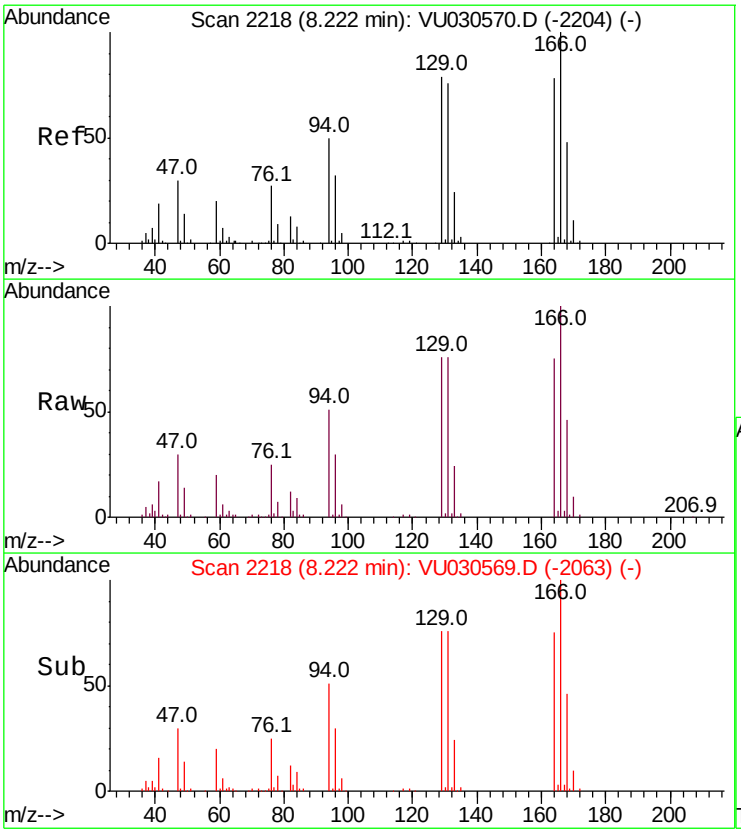
Tgt Ion: 95 Resp: 20727

Ion	Ratio	Lower	Upper
95	100		
174	76.3	60.5	90.7
176	71.6	57.9	86.9



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

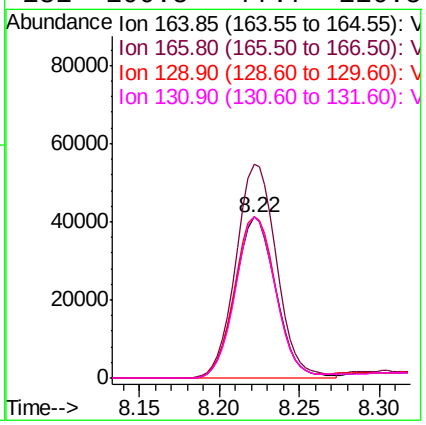
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

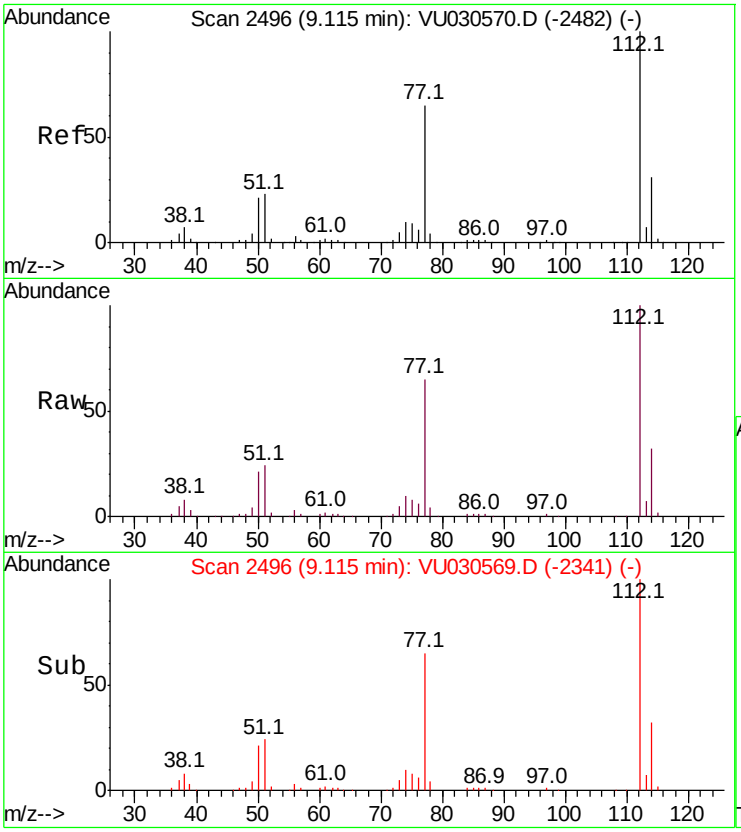


#58
Tetrachloroethene
Concen: 4.430 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:164 Resp: 71443

Ion	Ratio	Lower	Upper
164	100		
166	132.8	102.4	153.6
129	100.6	81.4	122.0
131	100.5	77.7	116.5

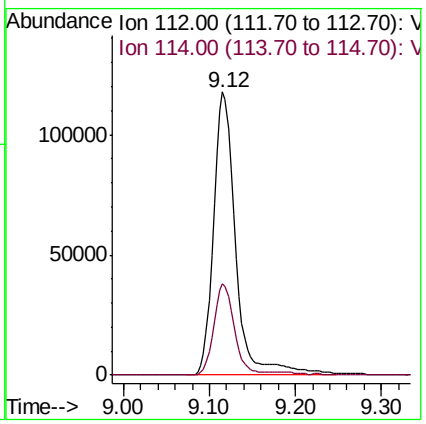




#59
Chlorobenzene
Concen: 4.958 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

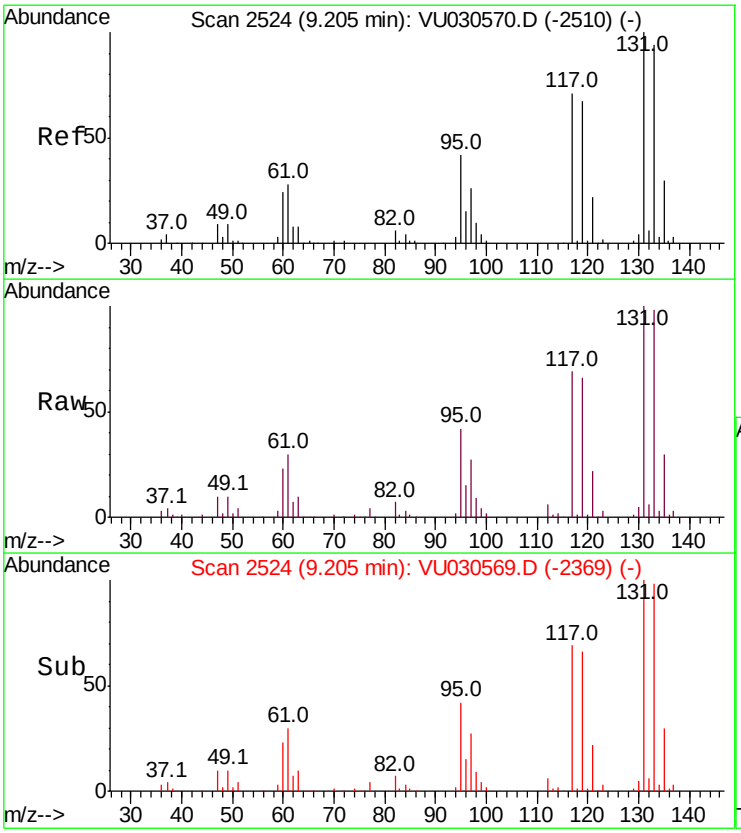
Tgt Ion:112 Resp: 212868

Ion	Ratio	Lower	Upper
112	100		
114	32.1	24.9	37.3



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

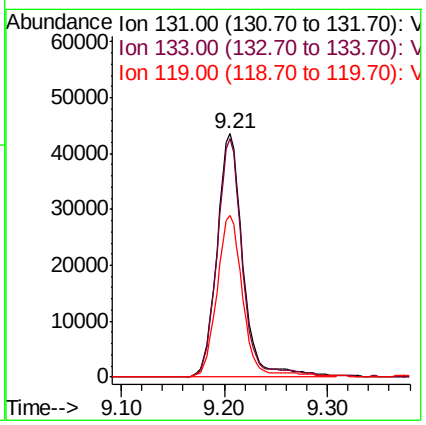
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

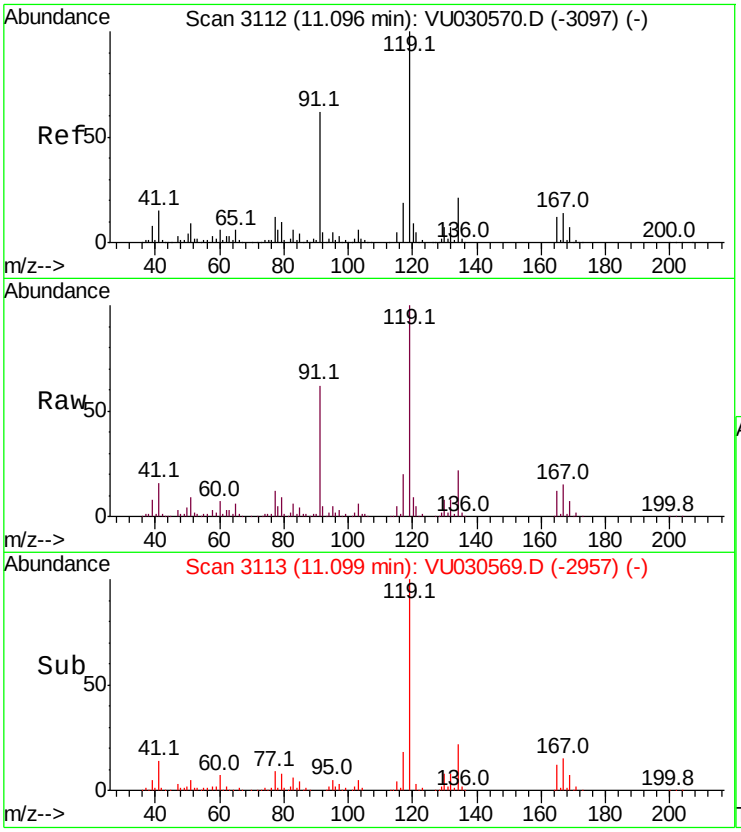


#60
1,1,1,2-Tetrachloroethane
Concen: 5.058 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:131 Resp: 76201

Ion	Ratio	Lower	Upper
131	100		
133	93.0	77.5	116.3
119	64.2	53.2	79.8





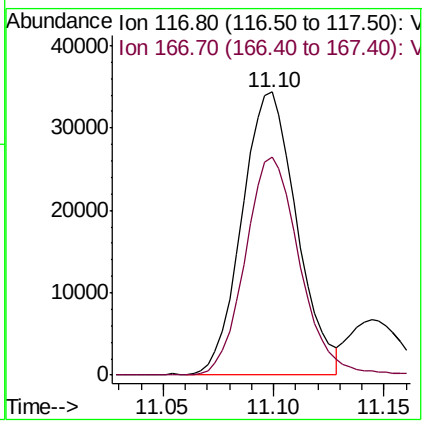
#61
Pentachloroethane
Concen: 5.018 ug/l
RT: 11.10 min Scan# 3113
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

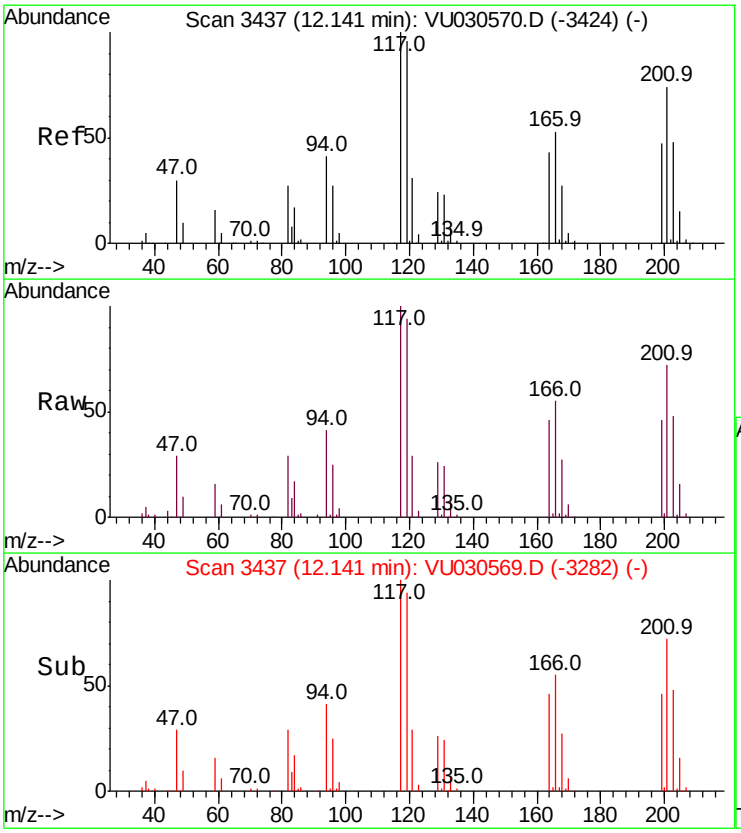
Tgt Ion:117 Resp: 58852

Ion	Ratio	Lower	Upper
117	100		
167	76.9	62.6	93.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

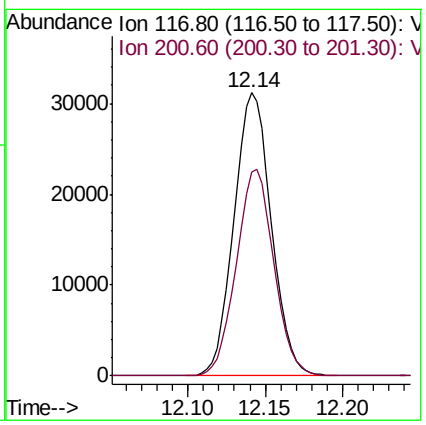


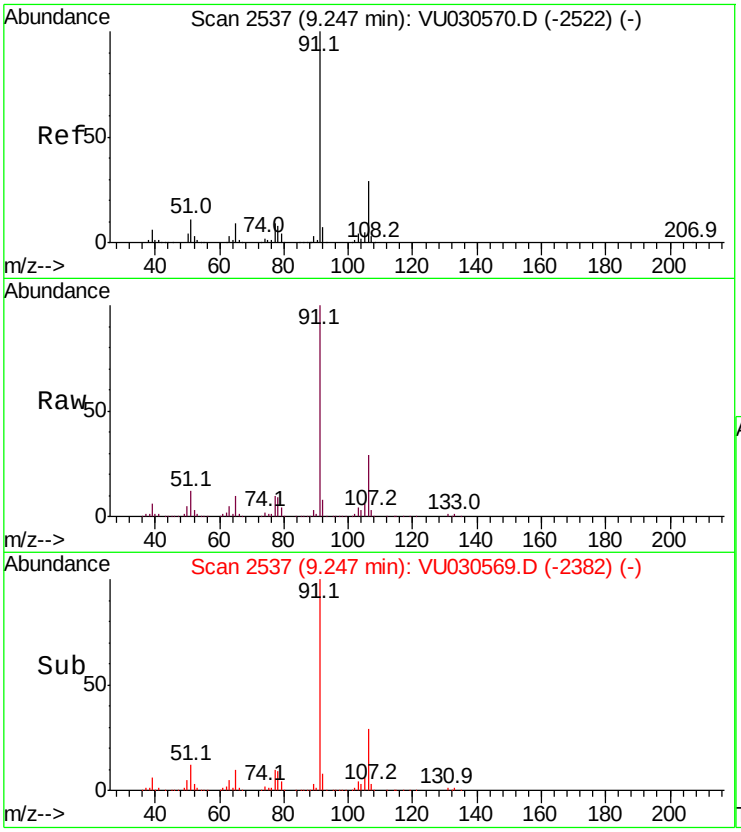


#62
Hexachloroethane
Concen: 4.558 ug/l
RT: 12.14 min Scan# 3437
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:117 Resp: 52291

Ion	Ratio	Lower	Upper
117	100		
201	73.5	59.1	88.7

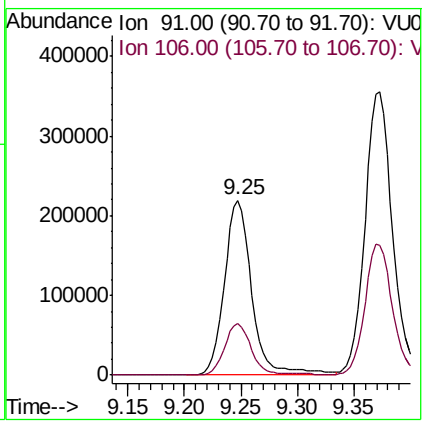




#63
Ethyl Benzene
Concen: 5.174 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

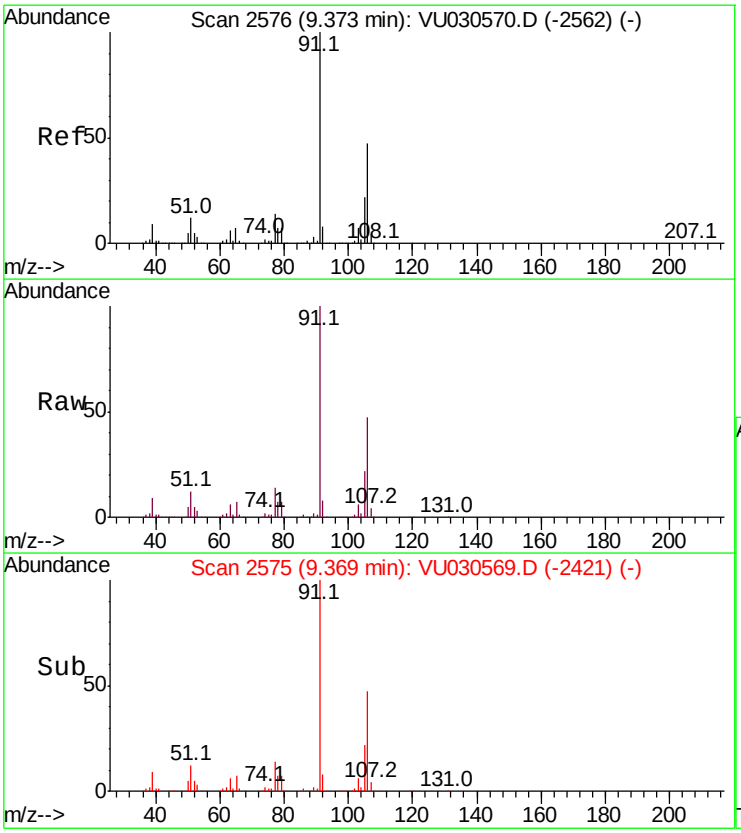
Tgt Ion: 91 Resp: 370209

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.1	34.7



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

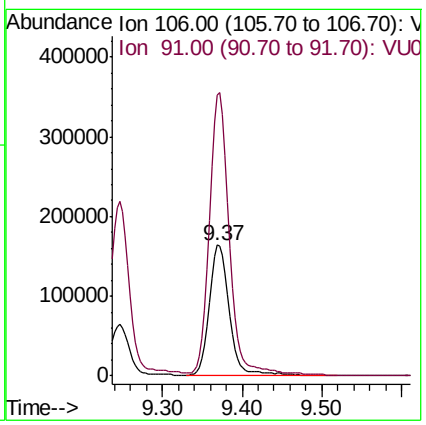
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

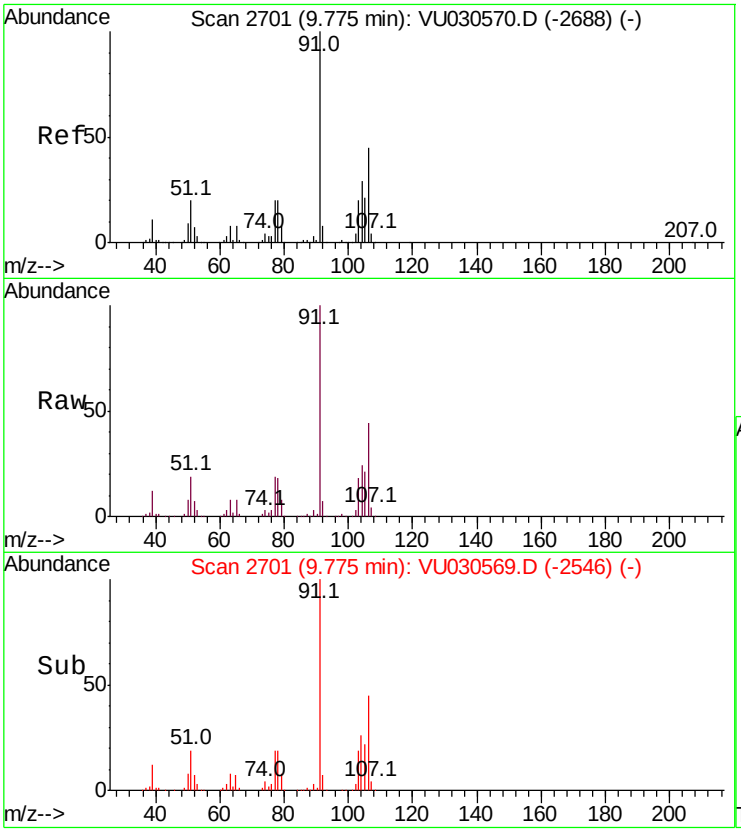


#64
m/p-Xylenes
Concen: 10.444 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:106 Resp: 288768

Ion	Ratio	Lower	Upper
106	100		
91	213.8	179.4	269.0

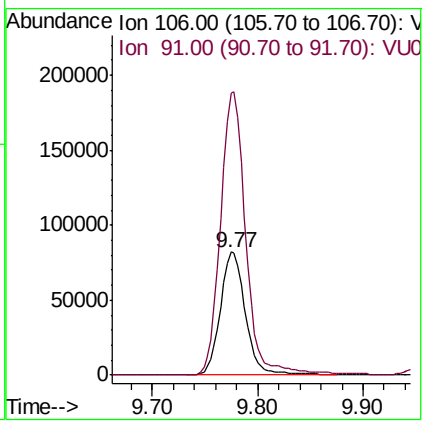




#65
o-Xylene
Concen: 5.010 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

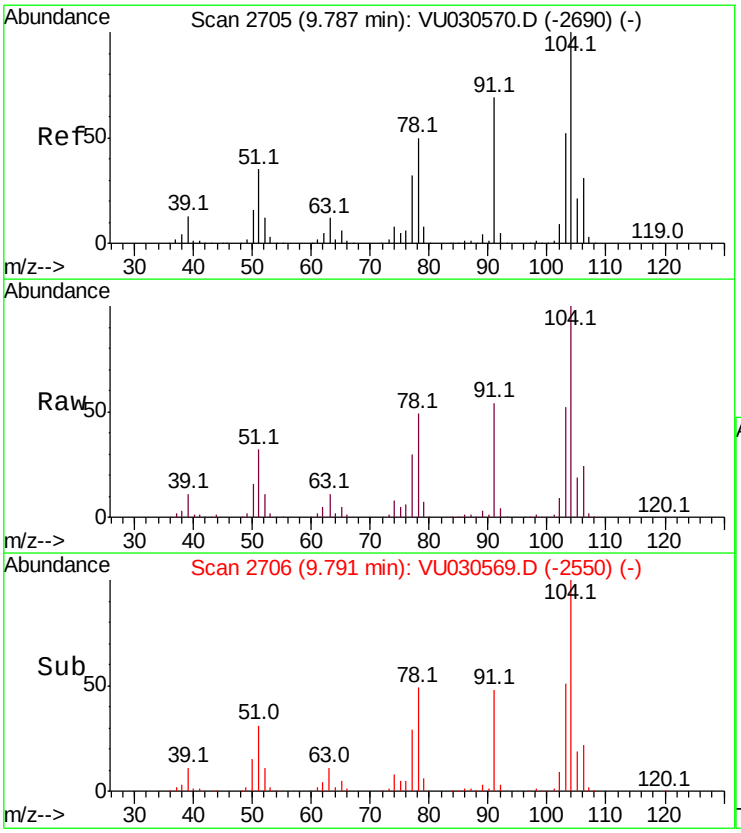
Tgt Ion:106 Resp: 135721

Ion	Ratio	Lower	Upper
106	100		
91	231.2	115.5	346.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

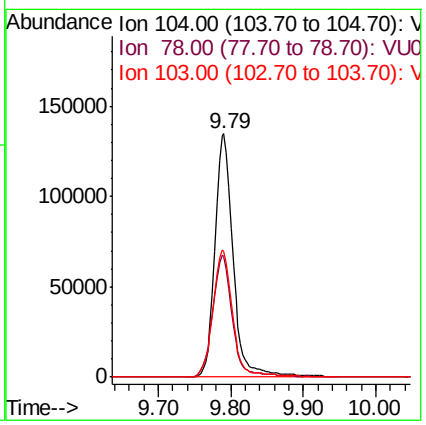
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

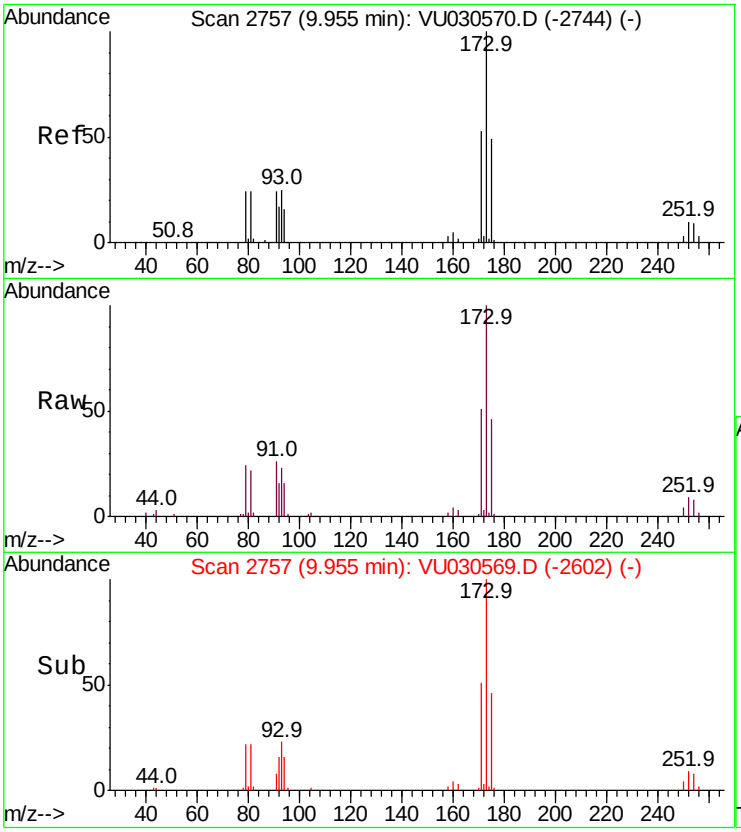


#66
Styrene
Concen: 5.274 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:104 Resp: 236121

Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.3	63.5
103	56.3	44.7	67.1

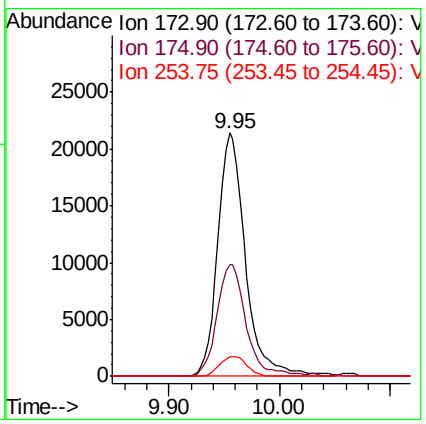




#67
Bromoform
Concen: 4.739 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

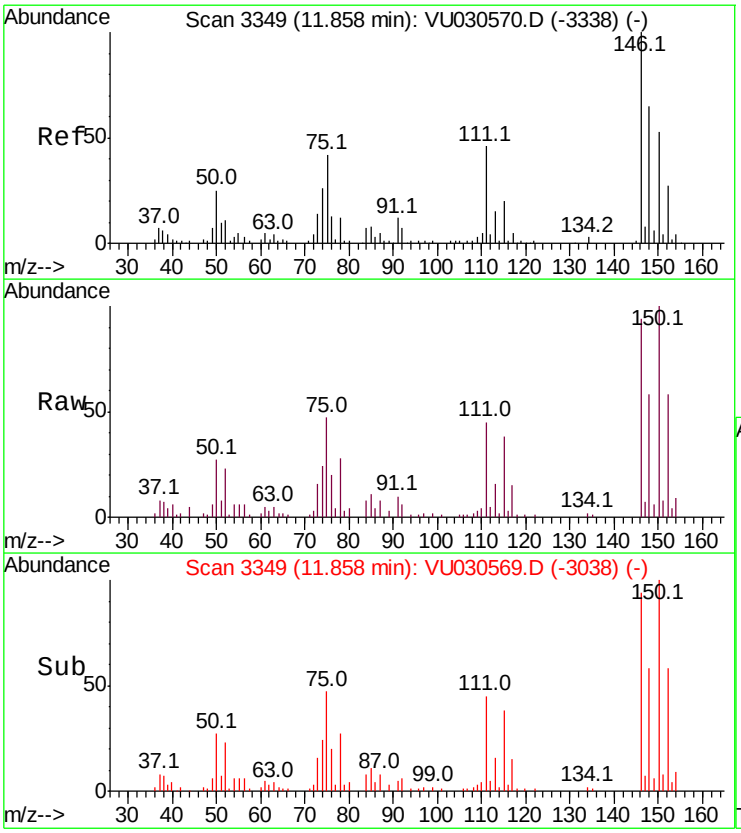
Tgt Ion:173 Resp: 37367

Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.6	57.8
254	7.9	6.9	10.3



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

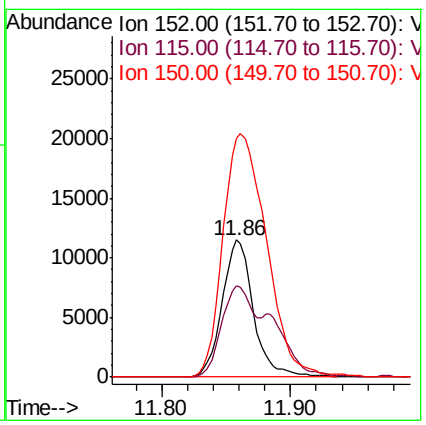
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

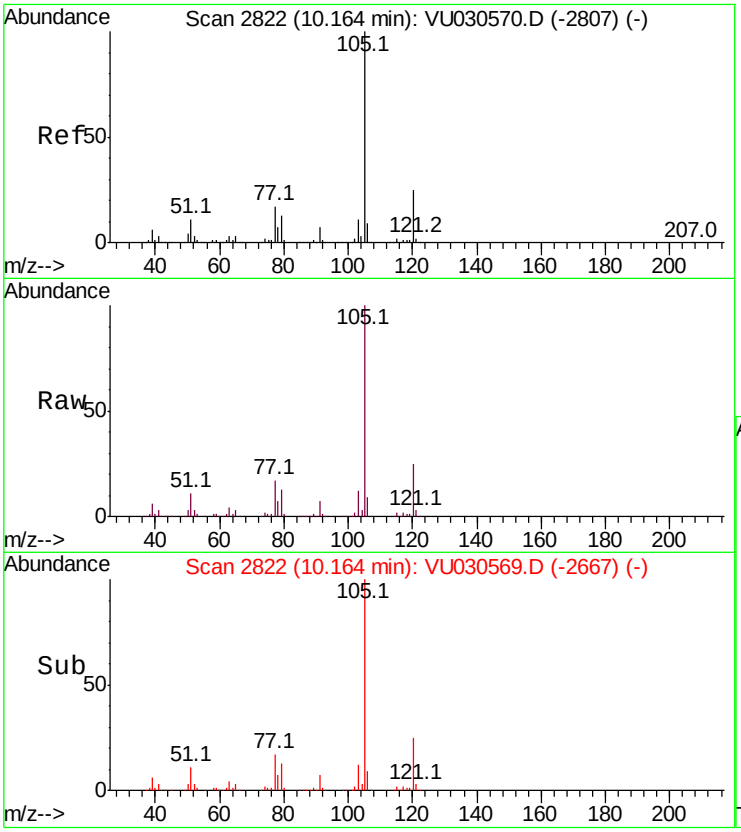


#68
1,2-Dichlorobenzene-d4
Concen: 4.739 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:152 Resp: 19309

Ion	Ratio	Lower	Upper
152	100		
115	71.6	0.0	136.2
150	247.5	0.0	634.6





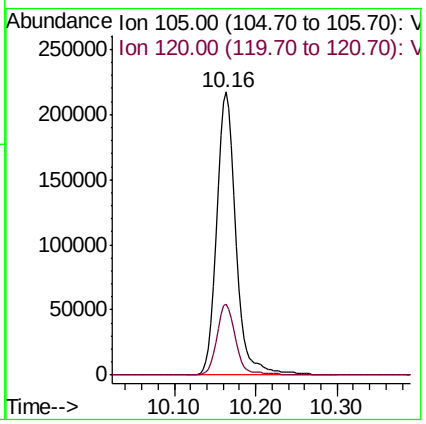
#69
Isopropylbenzene
Concen: 5.110 ug/l
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

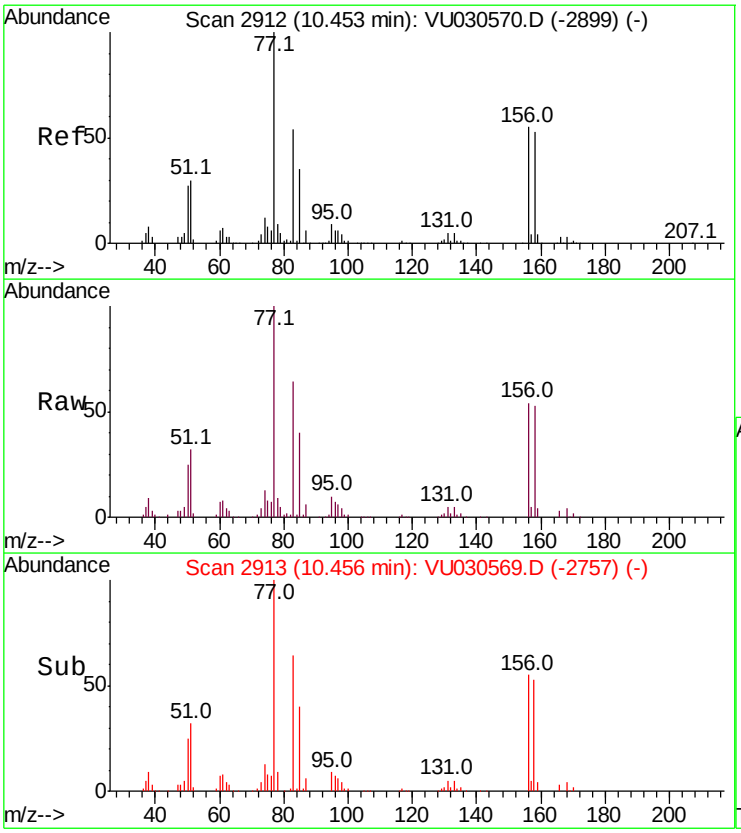
Tgt Ion:105 Resp: 364430

Ion	Ratio	Lower	Upper
105	100		
120	24.5	12.6	37.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

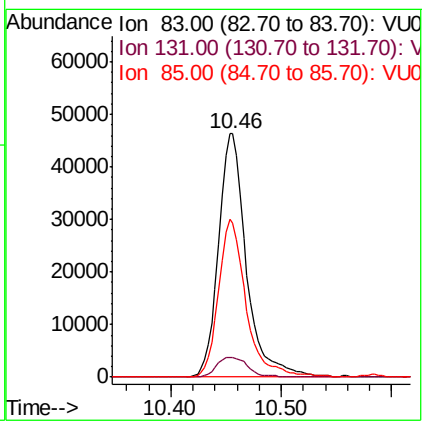


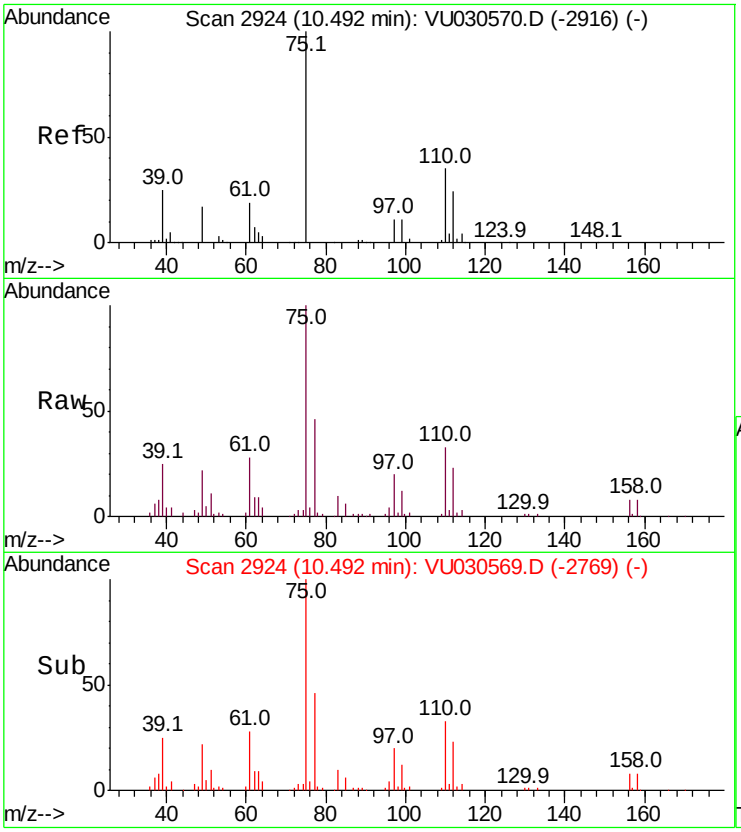


#70
1,1,2,2-Tetrachloroethane
Concen: 5.543 ug/l
RT: 10.46 min Scan# 2913
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 83 Resp: 81178

Ion	Ratio	Lower	Upper
83	100		
131	9.3	7.0	10.6
85	64.3	51.0	76.4

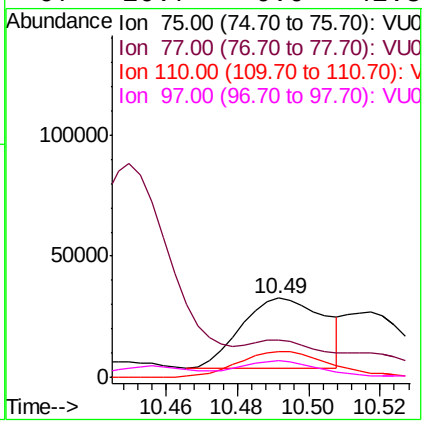




#71
1,2,3-Trichloropropane
Concen: 4.412 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

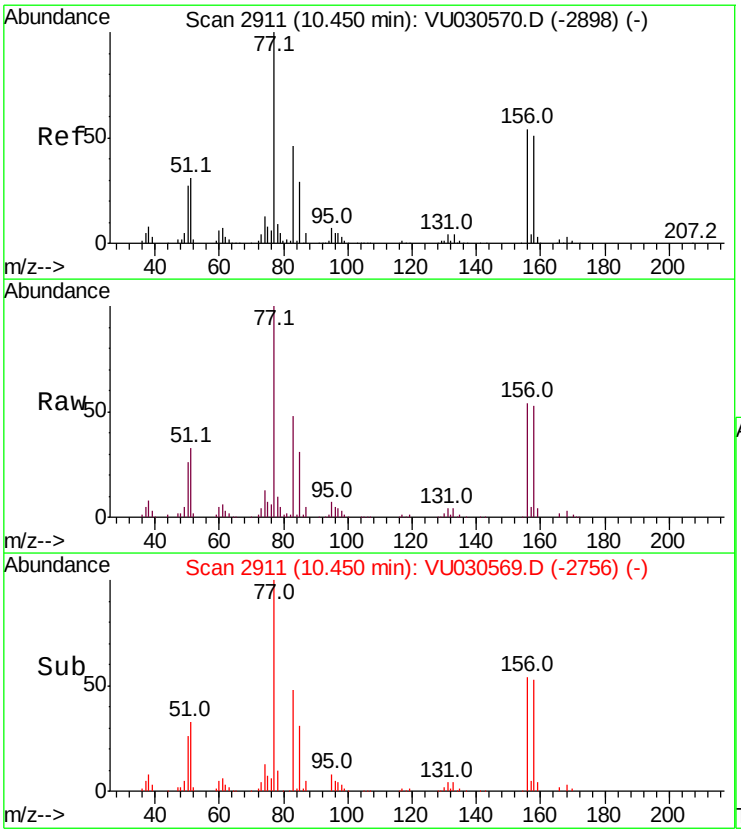
Tgt Ion: 75 Resp: 46866

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	40.7	0.0	83.8
97	20.7	0.0	42.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

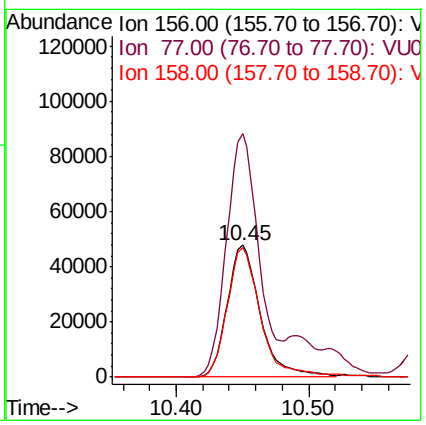
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

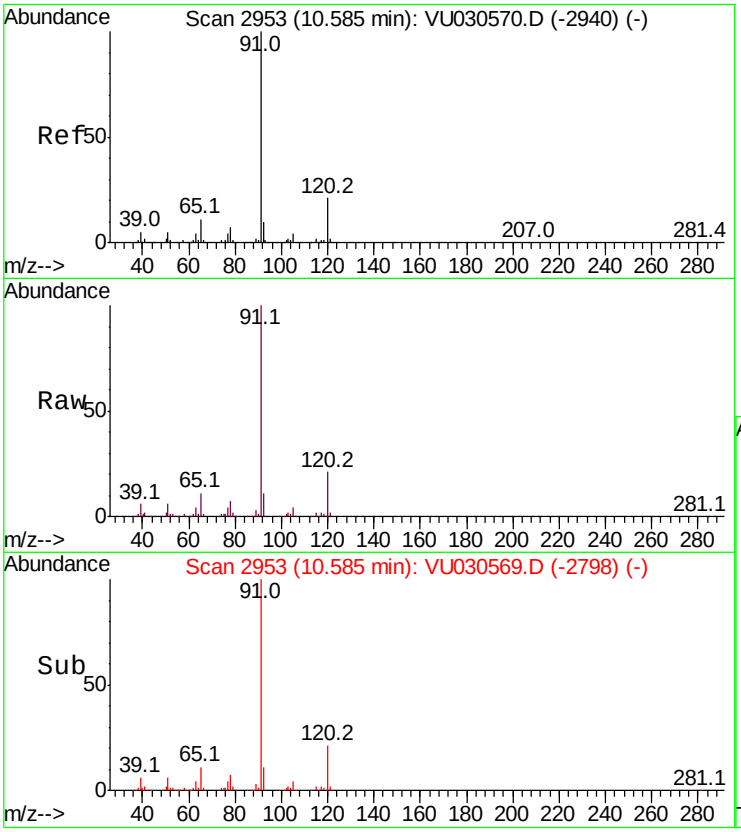


#72
Bromobenzene
Concen: 4.543 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:156 Resp: 83145

Ion	Ratio	Lower	Upper
156	100		
77	178.6	0.0	363.0
158	99.8	0.0	193.2





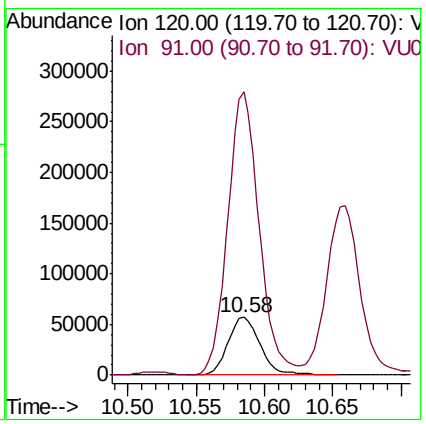
#73
n-propylbenzene
Concen: 4.745 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

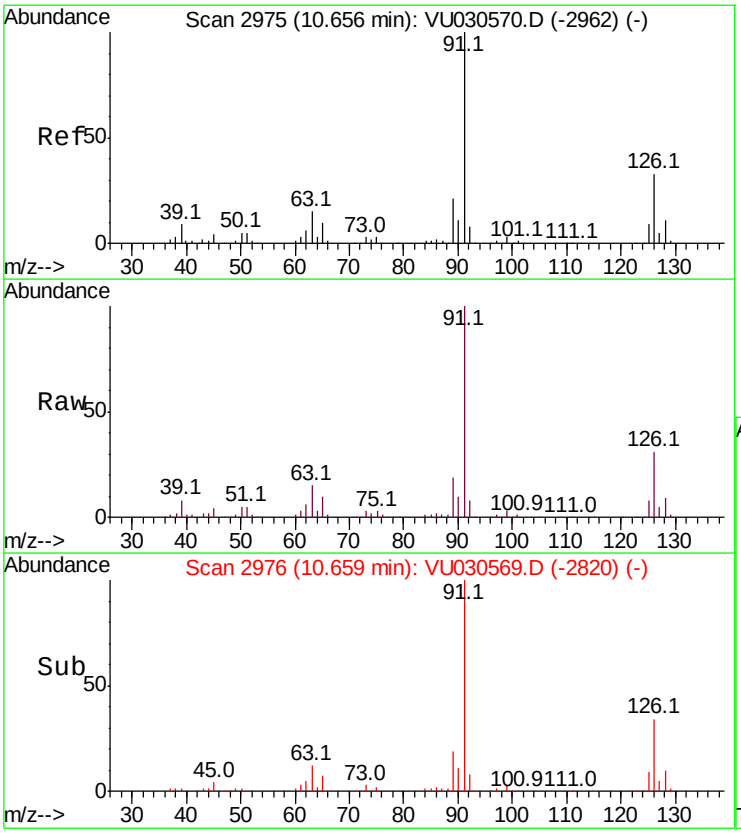
Tgt Ion:120 Resp: 94801

Ion	Ratio	Lower	Upper
120	100		
91	472.1	371.6	557.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

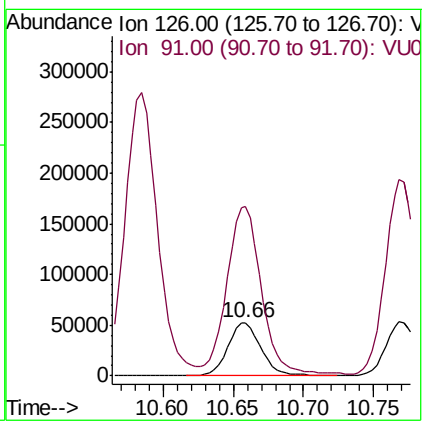


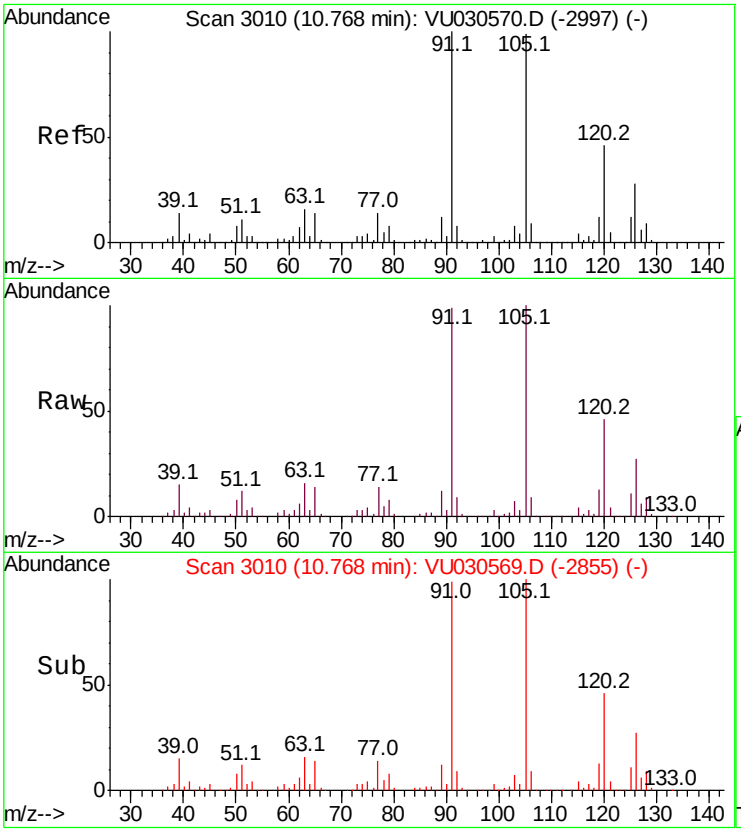


#74
2-Chlorotoluene
Concen: 4.960 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:126 Resp: 87133

Ion	Ratio	Lower	Upper
126	100		
91	330.3	0.0	656.8





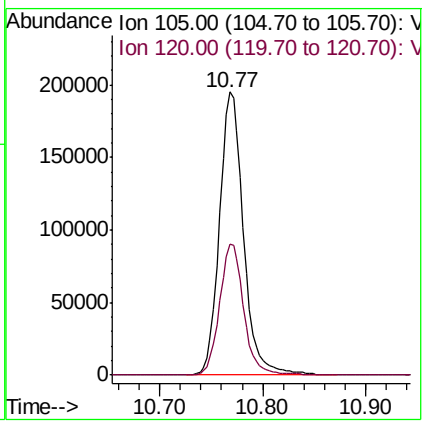
#75
1,3,5-Trimethylbenzene
Concen: 5.229 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

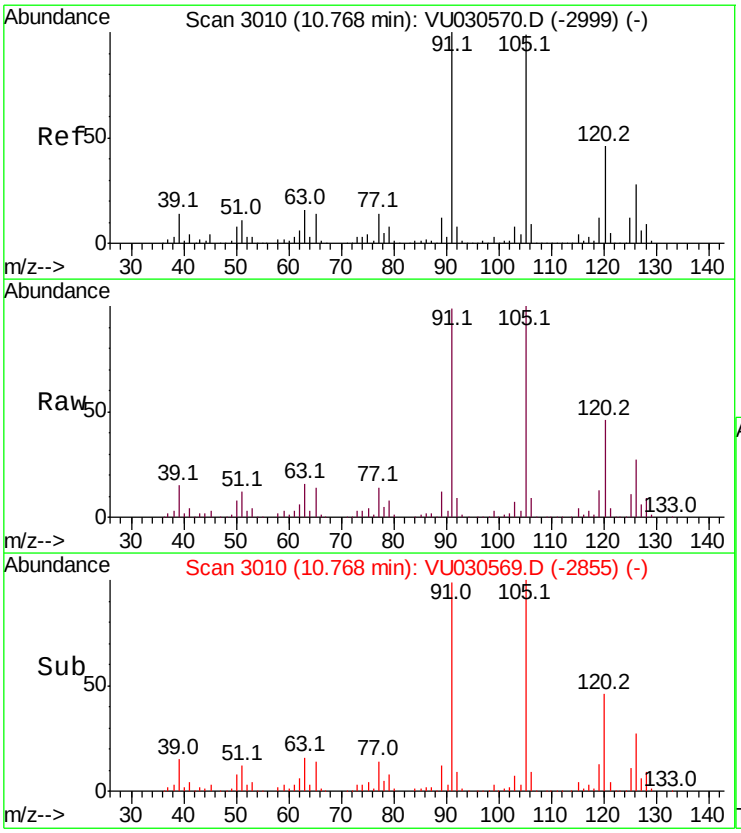
Tgt Ion:105 Resp: 316443

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.6	56.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

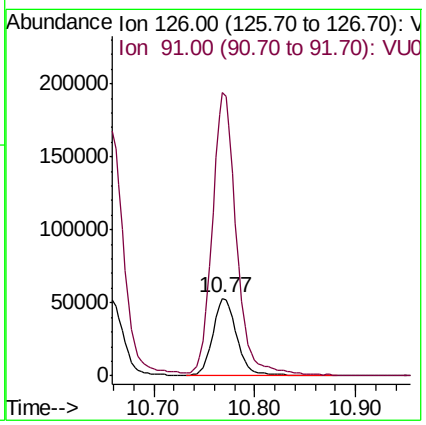


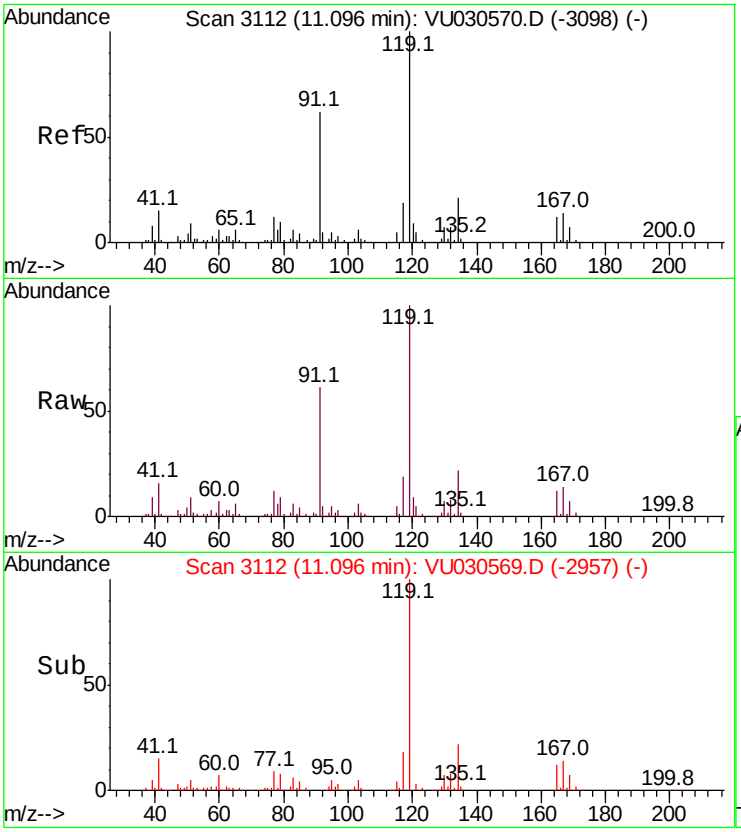


#76
4-Chlorotoluene
Concen: 5.018 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:126 Resp: 89678

Ion	Ratio	Lower	Upper
126	100		
91	356.0	0.0	721.6

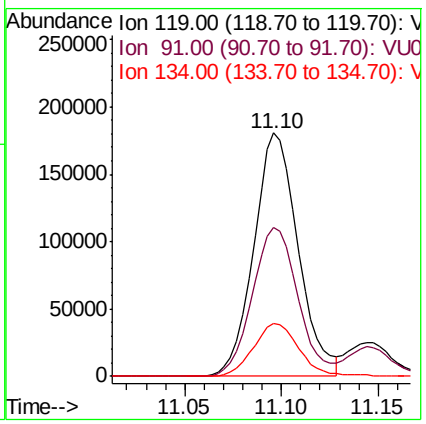




#77
tert-Butylbenzene
Concen: 4.878 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

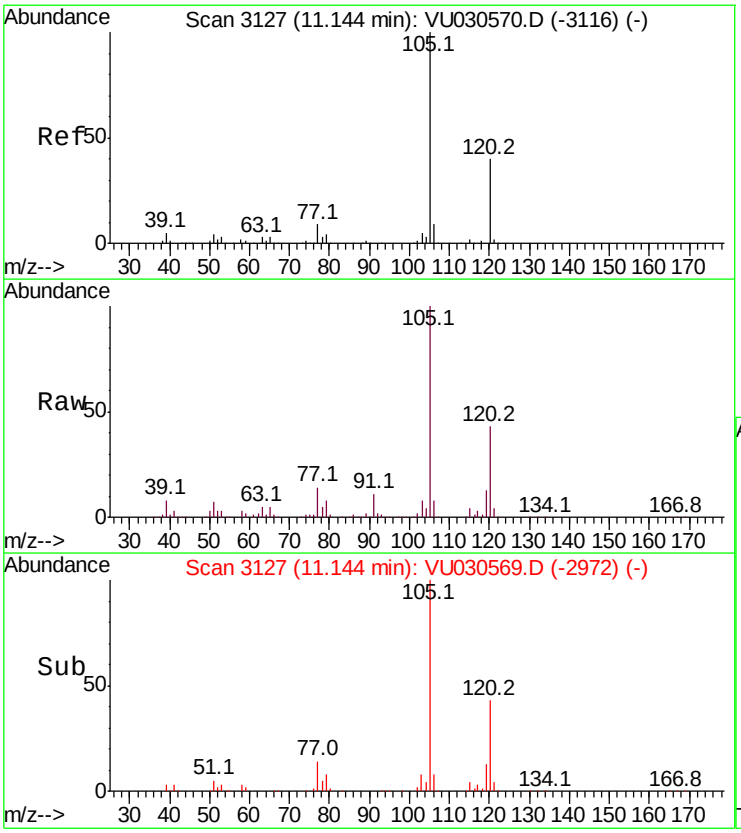
Tgt Ion:119 Resp: 287293

Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.9	92.8
134	22.6	17.6	26.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

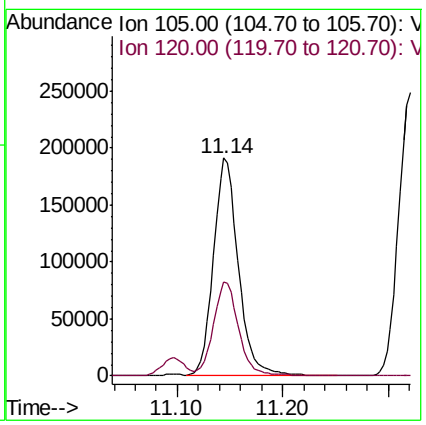
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

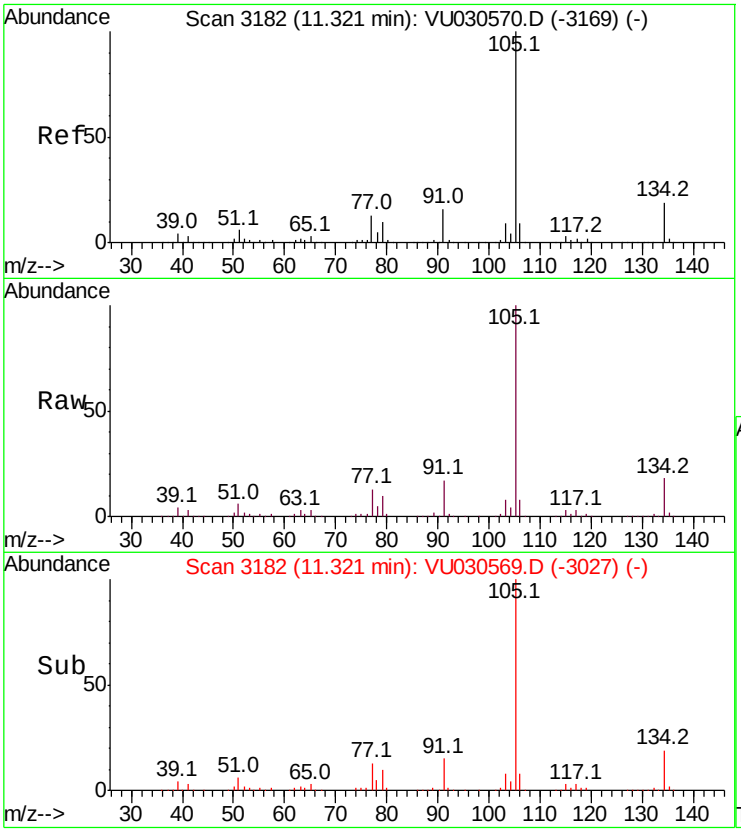


#78
1,2,4-Trimethylbenzene
Concen: 5.082 ug/l
RT: 11.14 min Scan# 3127
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:105 Resp: 311831

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5





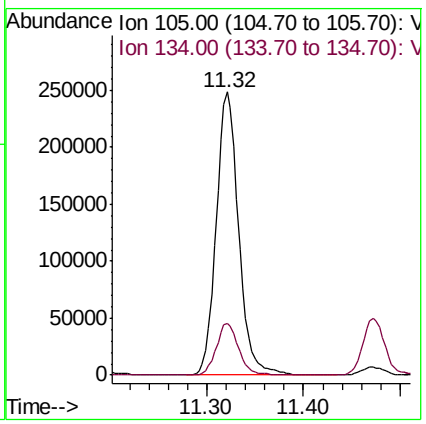
#79
sec-Butylbenzene
Concen: 5.038 ug/l
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

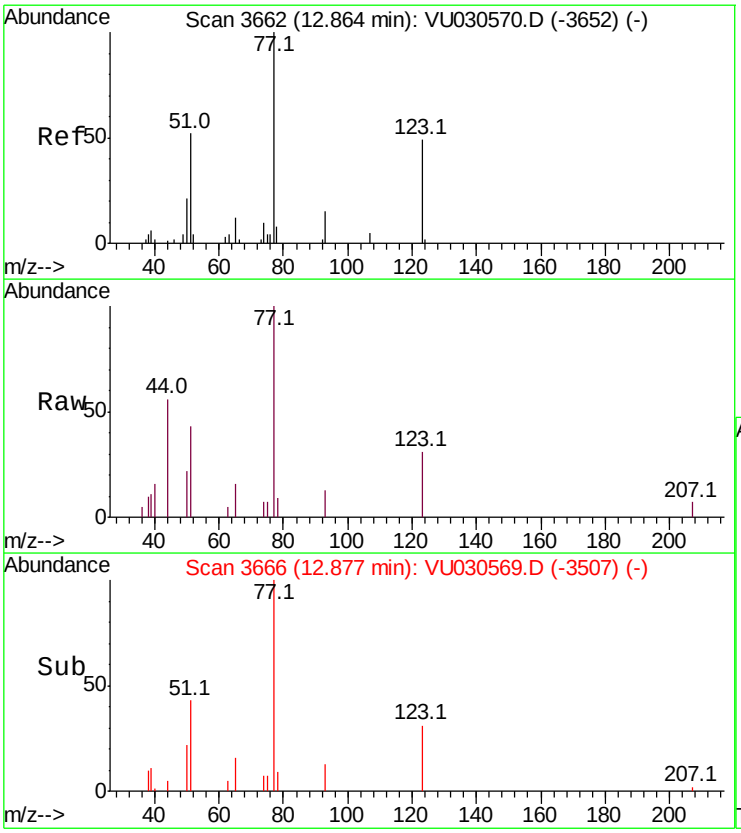
Tgt Ion:105 Resp: 398166

Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.7	22.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

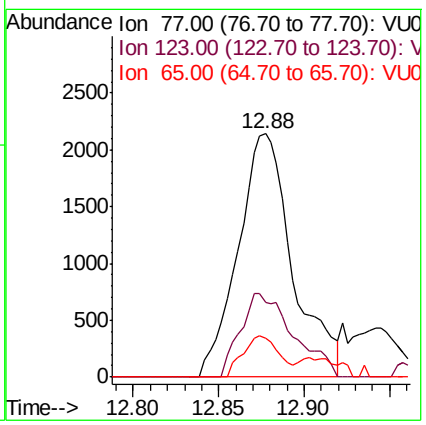


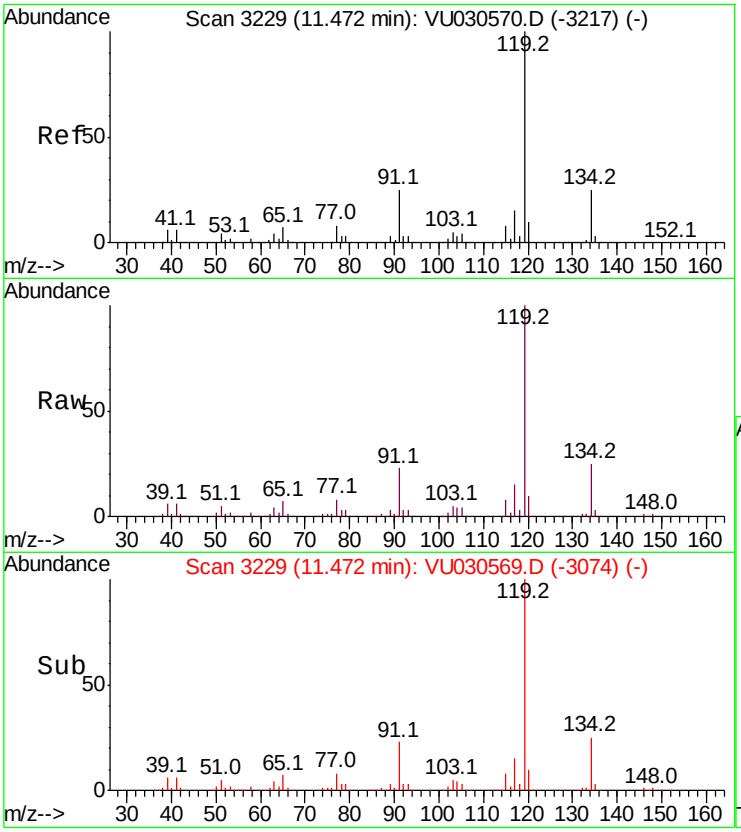


#80
Nitrobenzene
Concen: 18.842 ug/l m
RT: 12.88 min Scan# 3666
Delta R.T. 0.01 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 77 Resp: 4749

Ion	Ratio	Lower	Upper
77	100		
123	33.5	17.5	62.1
65	8.7	8.1	10.3

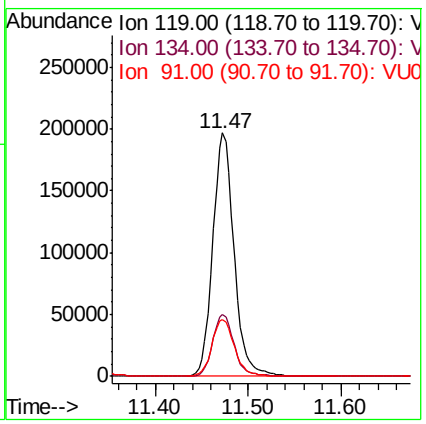




#81
p-Isopropyltoluene
Concen: 4.788 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

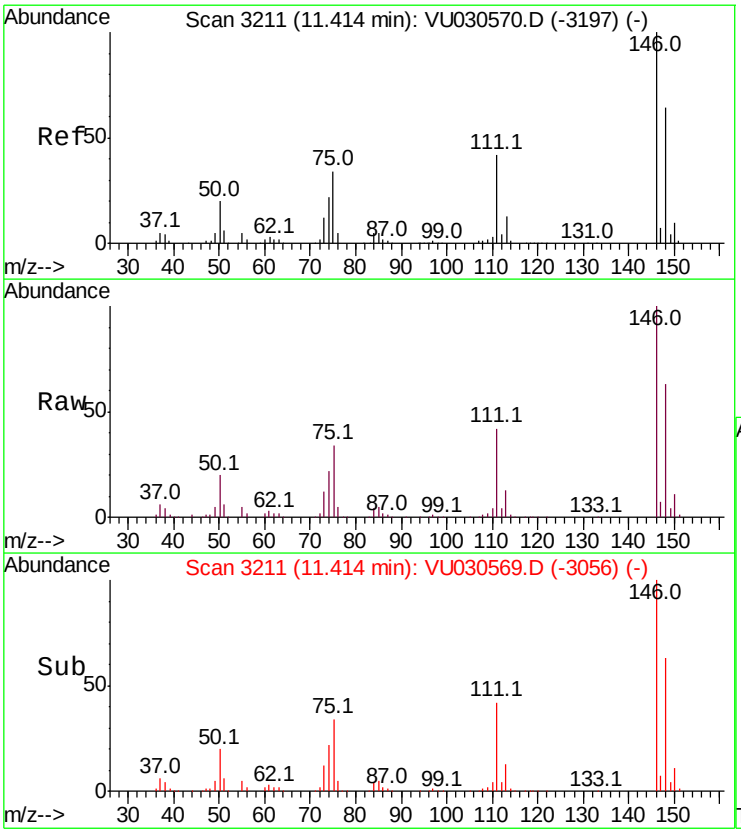
Tgt Ion:119 Resp: 313113

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	31.0
91	24.3	20.4	30.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

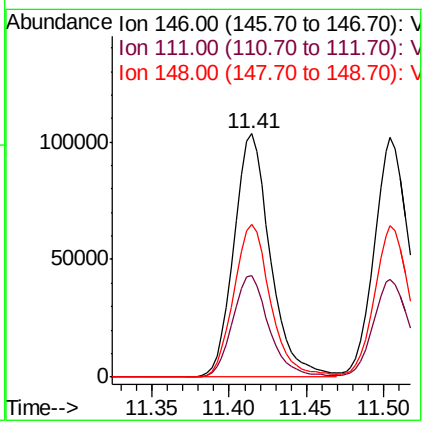
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

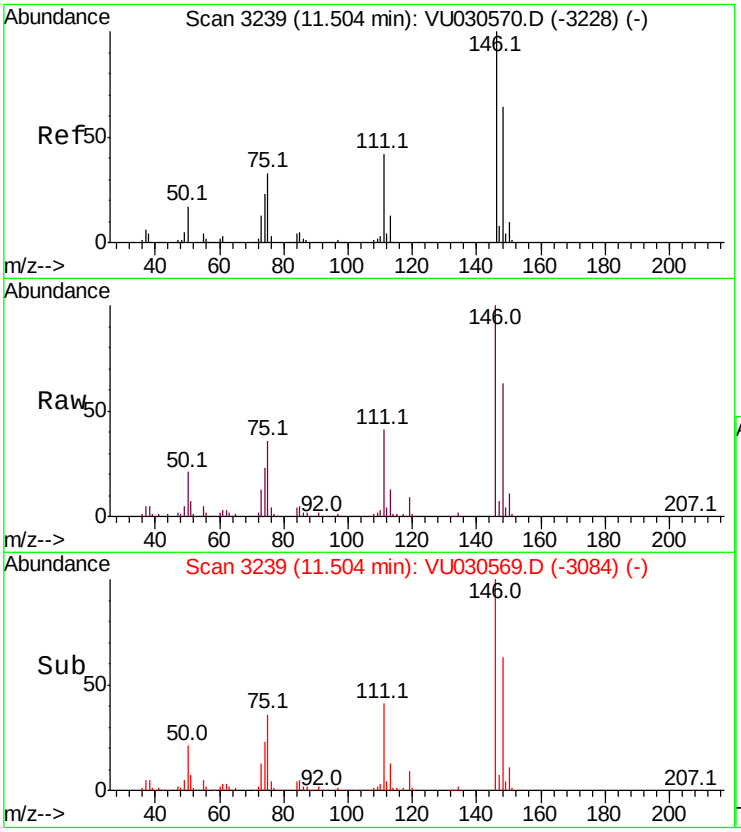


#82
1,3-Dichlorobenzene
Concen: 4.594 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:146 Resp: 169546

Ion	Ratio	Lower	Upper
146	100		
111	41.8	34.0	51.0
148	63.7	51.0	76.6

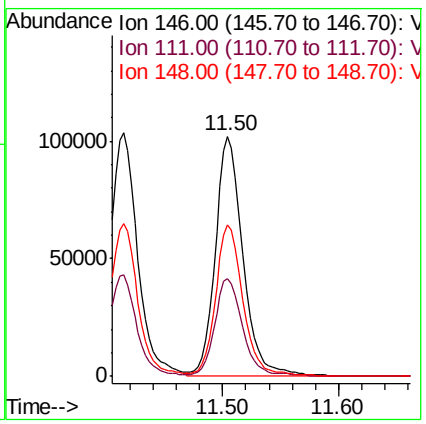




#83
1,4-Dichlorobenzene
Concen: 4.521 ug/l
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

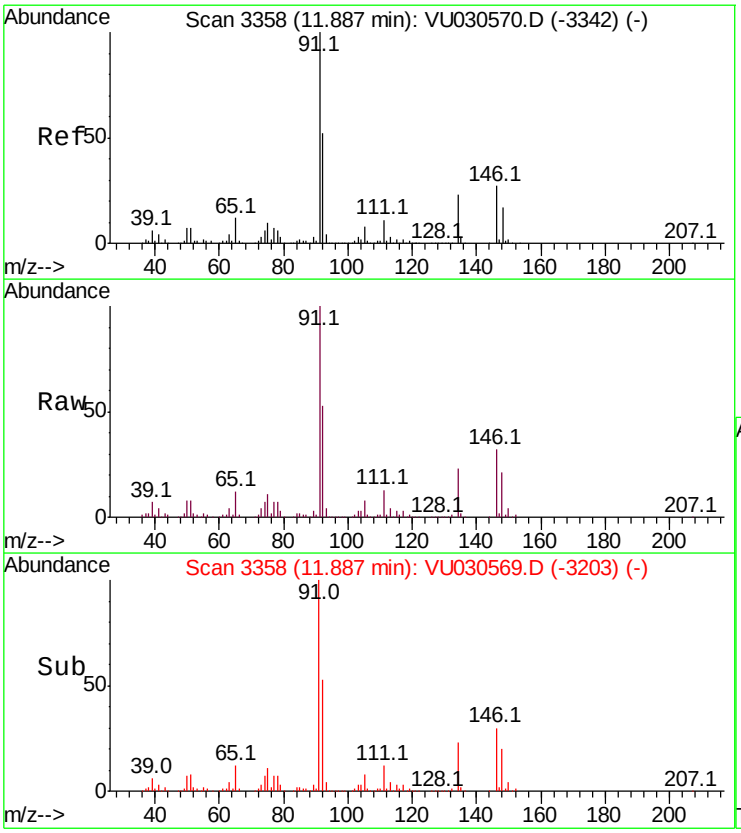
Tgt Ion:146 Resp: 167707

Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.8	49.2
148	62.8	50.5	75.7



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

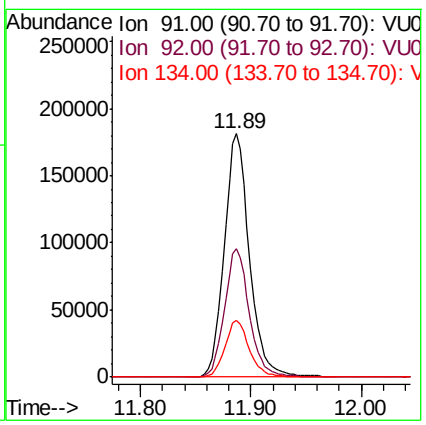
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

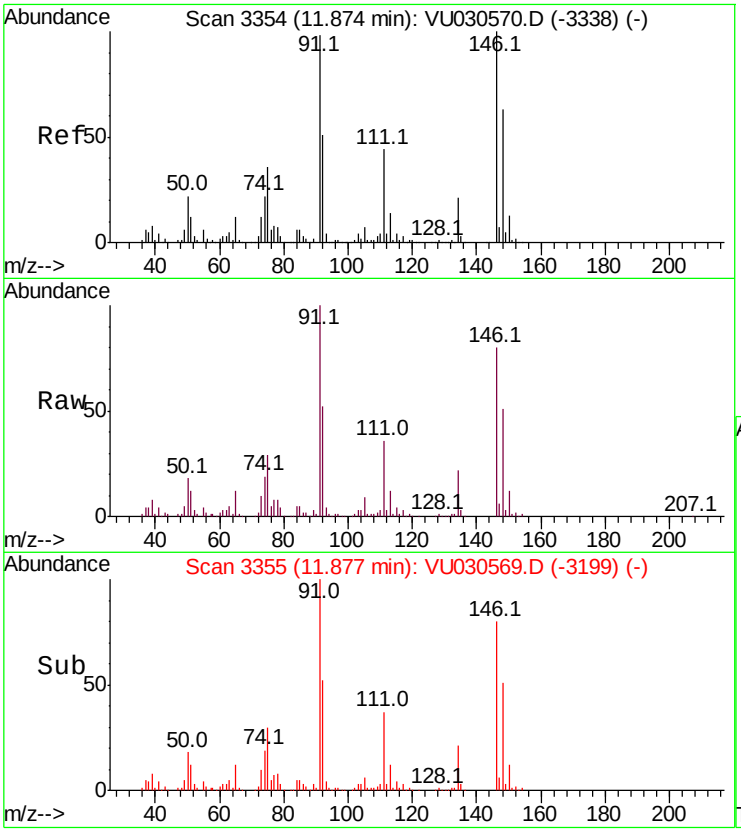


#84
n-Butylbenzene
Concen: 4.647 ug/l
RT: 11.89 min Scan# 3358
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 91 Resp: 285987

Ion	Ratio	Lower	Upper
91	100		
92	52.3	41.7	62.5
134	22.7	18.3	27.5

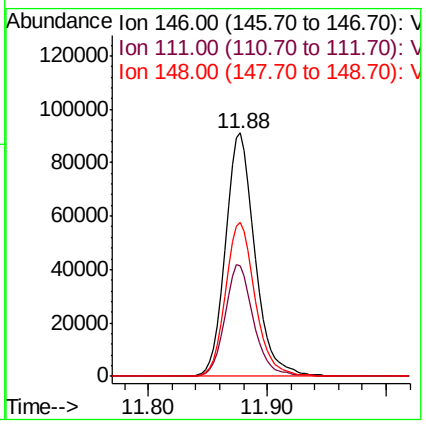




#85
1,2-Dichlorobenzene
Concen: 4.527 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

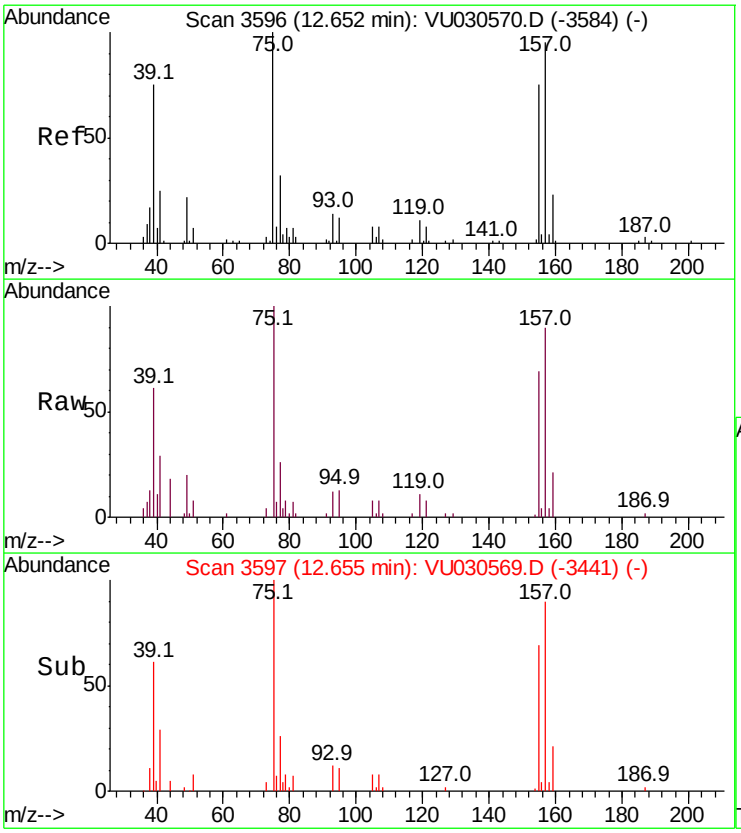
Tgt Ion:146 Resp: 155754

Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.9	65.5
148	63.9	31.5	94.5



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

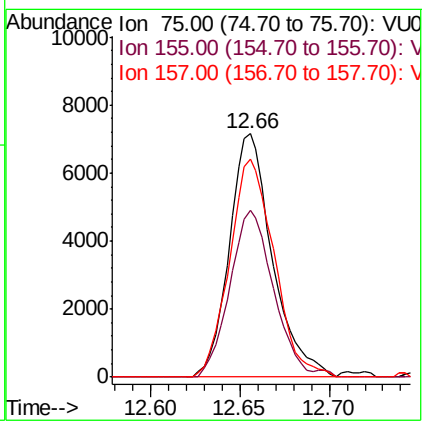
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

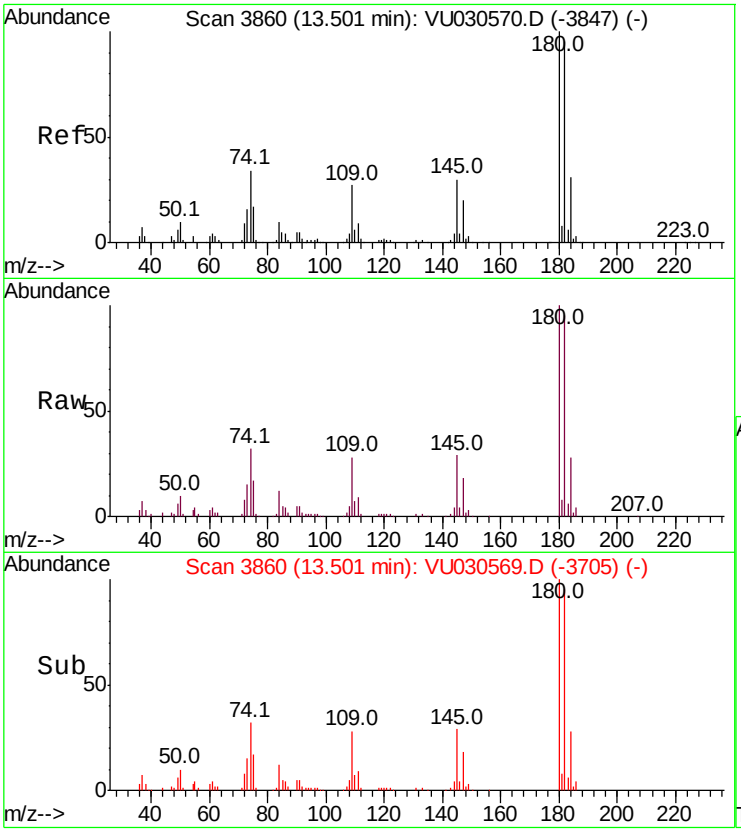


#86
1,2-Dibromo-3-Chloropropane
Concen: 5.694 ug/l
RT: 12.66 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion: 75 Resp: 12007

Ion	Ratio	Lower	Upper
75	100		
155	68.8	59.7	89.5
157	92.9	73.7	110.5

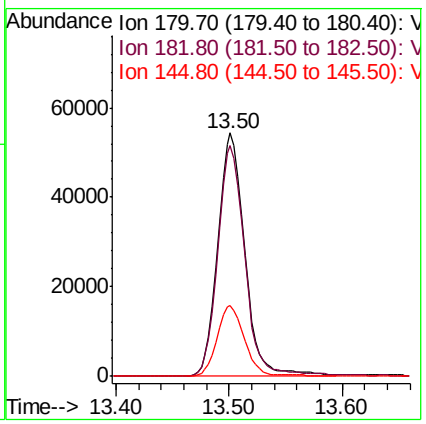




#87
1,2,4-Trichlorobenzene
Concen: 3.751 ug/l
RT: 13.50 min Scan# 3860
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

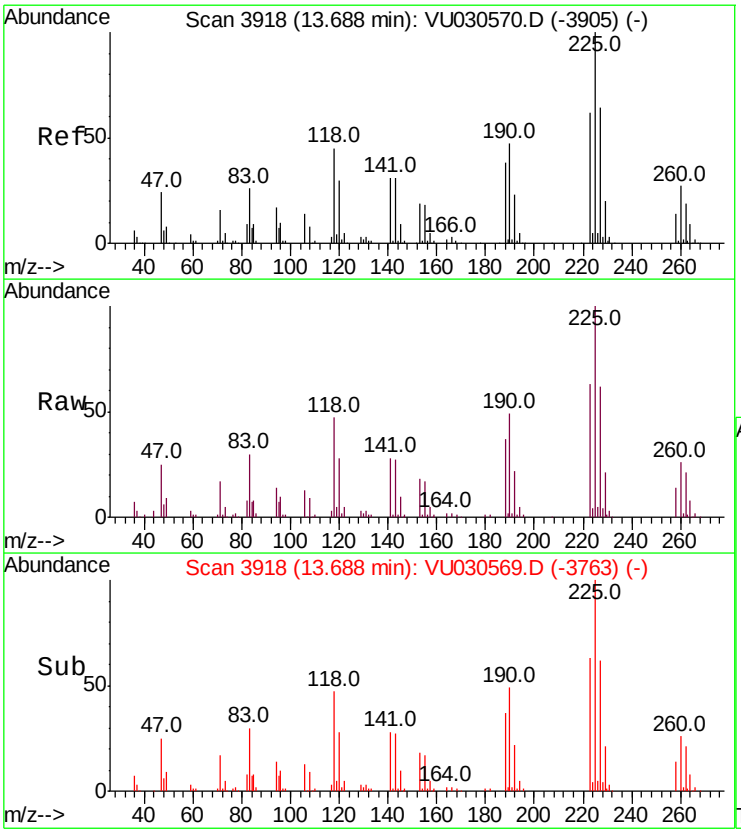
Tgt Ion:180 Resp: 90378

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	29.8	24.3	36.5



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

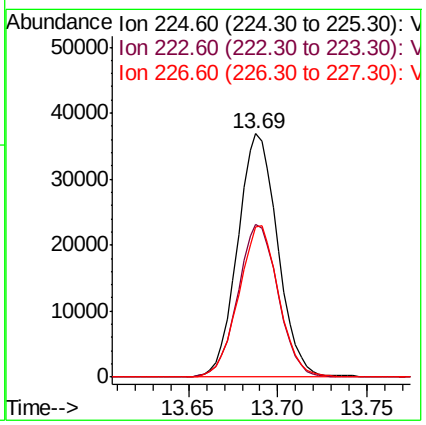
Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

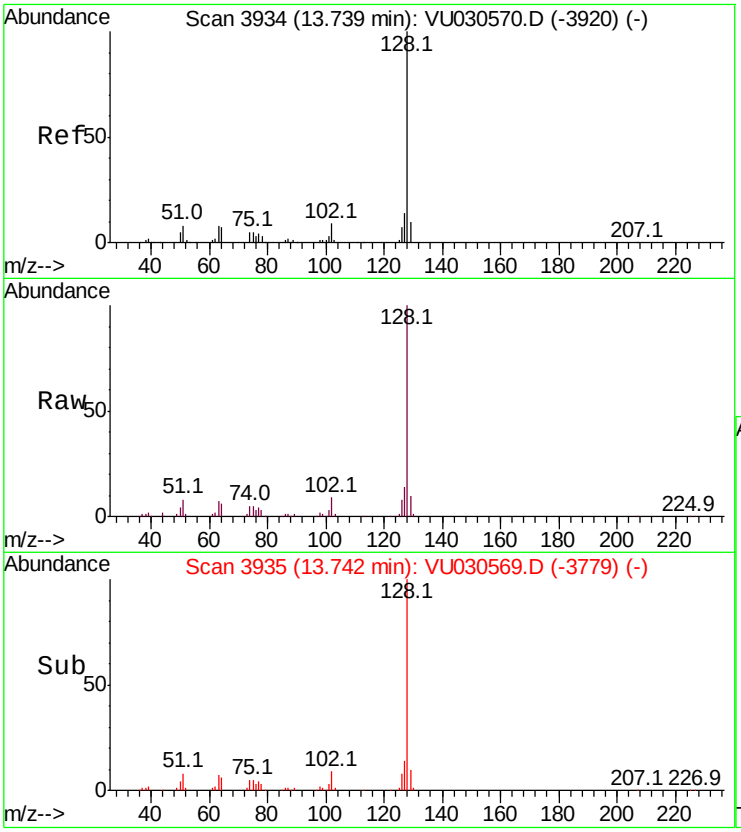


#88
Hexachlorobutadiene
Concen: 4.319 ug/l
RT: 13.69 min Scan# 3918
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:225 Resp: 57578

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	62.7	50.8	76.2

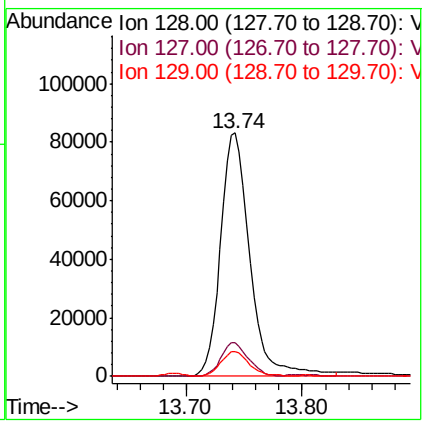




#89
Naphthalene
Concen: 3.854 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

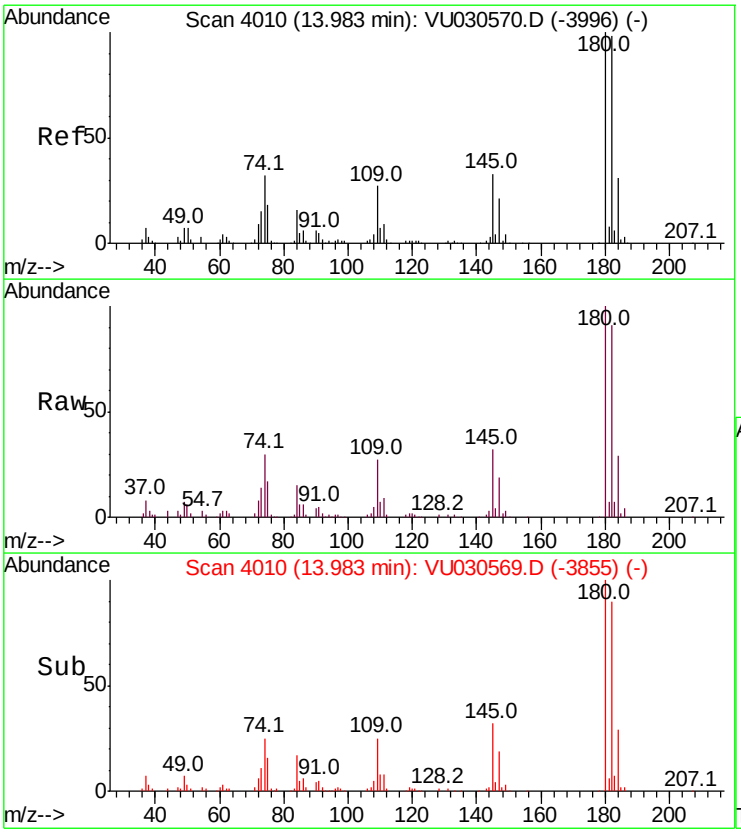
Tgt Ion:128 Resp: 145698

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.1	7.8	11.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM



#90
1,2,3-Trichlorobenzene
Concen: 3.897 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU030569.D
Acq: 30 Mar 2019 11:15

Tgt Ion:180 Resp: 85578

Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.6	114.8
145	31.5	25.9	38.9