Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\
Data File : VL031962.D
Acq On : 3 May 2018 12:44
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

Quant Time: May 03 14:09:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 0
QLast Update : Thu May 03 12:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.88	49	1277301	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2641146	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2594115	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	1994080	9.56	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	144590	0.55	ppbv		97
3) Chlorodifluoromethane	3.10	51	132199	0.89	ppbv		95
4) Chloromethane	3.26	50	68480	0.90	ppbv		89
5) Vinyl Chloride	3.38	62	70019	0.82	ppbv		91
6) Bromomethane	3.61	94	50333	0.90	ppbv		92
7) Chloroethane	3.70	64	29437m	0.86	ppbv		
8) Dichlorotetrafluoroethane	3.31	85	175215	0.81	ppbv		99
9) Propene	3.12	41	44960	0.88	ppbv		99
10) Heptane	8.38	43	158173	0.95	ppbv		98
11) Trichlorofluoromethane	4.11	101	246954	0.96	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.66	101	154699	0.92	ppbv		91
13) Ethanol	3.75	45	18939	1.09	ppbv		89
14) Bromoethene	3.89	108	58783m	0.93	ppbv		
15) Acetone	4.01	43	234493	1.19	ppbv		100
16) 1,3-Butadiene	3.45	39	57168	0.79	ppbv	#	77
17) tert-Butyl alcohol	4.48	59	88154m	1.09	ppbv		
18) 1,1-Dichloroethene	4.46	96	70588	0.98	ppbv		83
19) Isopropyl Alcohol	4.13	45	121598	1.11	ppbv	#	96
20) Methylene Chloride	4.52	84	68735	0.96	ppbv		90
21) Allyl Chloride	4.59	41	104736	0.93	ppbv		97
22) trans-1,2-Dichloroethene	5.07	96	71063	0.95	ppbv		94
23) Vinyl Acetate	5.27	43	229997	1.15	ppbv		97
24) 1,1-Dichloroethane	5.21	63	211690	1.07	ppbv		97
25) Ethyl Acetate	5.89	43	333180	1.09	ppbv		99
26) Hexane	5.90	57	155294	1.09	ppbv		97
27) Carbon Disulfide	4.73	76	170882	0.92	ppbv	#	89
28) Methyl tert-Butyl Ether	5.23	73	194300	1.10	ppbv		99
29) Chloroform	5.97	83	249446	1.03	ppbv		98
30) Cyclohexane	7.38	84	95651	0.94	ppbv	#	66
31) cis-1,2-Dichloroethene	5.76	61	138856	1.07	ppbv		96
32) 1,1,1-Trichloroethane	6.75	97	212756	0.90	ppbv		99
34) 2-Butanone	5.45	43	245661	1.34	ppbv		99
35) Carbon Tetrachloride	7.27	117	208604	0.91	ppbv		94
36) Benzene	7.13	78	252146	1.06	ppbv		97
37) 1,2-Dichloroethane	6.54	62	201987	1.14	ppbv	#	94
38) Trichloroethene	8.09	130	103103	1.07	ppbv		91
39) 1,2-Dichloropropane	7.87	63	91466	1.04	ppbv		95
40) 1,4-Dioxane	8.11	88	42012m	1.17	ppbv		
41) Tetrahydrofuran	6.29	42	87750	1.03	ppbv		99
42) Bromodichloromethane	8.05	83	214271	1.01	ppbv		99
43) Methyl Methacrylate	8.27	69	86430	1.03	ppbv		99

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\
Data File : VL031962.D
Acq On : 3 May 2018 12:44
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

Quant Time: May 03 14:09:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 0
QLast Update : Thu May 03 12:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.13	57	441299	1.08	ppbv		99
45) t-1,3-Dichloropropene	9.56	75	108750m	1.00	ppbv		
46) cis-1,3-Dichloropropene	8.97	75	138650	1.00	ppbv	#	83
47) 1,1,2-Trichloroethane	9.76	97	111860	1.07	ppbv		95
48) Dibromochloromethane	10.59	129	173173	1.02	ppbv		99
49) Bromoform	13.35	173	129819	0.99	ppbv		99
50) 4-Methyl-2-Pentanone	9.02	43	218839	1.04	ppbv		98
51) 2-Hexanone	10.42	43	200988	1.10	ppbv	#	96
52) Tetrachloroethene	11.52	164	98463	1.06	ppbv		88
53) Toluene	10.09	91	281222	1.06	ppbv		99
54) 1,2-Dibromoethane	10.91	107	159884	1.05	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.43	131	130922m	1.07	ppbv		
57) Chlorobenzene	12.45	112	247361	1.12	ppbv		92
58) Ethyl Benzene	13.01	91	392716	1.09	ppbv		96
59) m/p-Xylene	13.29	91	688091m	2.20	ppbv		
60) o-Xylene	13.99	91	346011m	1.11	ppbv		
61) Styrene	13.84	104	57413m	0.96	ppbv		
62) Isopropylbenzene	14.97	105	435476	1.08	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.98	83	238979	0.99	ppbv		100
64) n-propylbenzene	15.87	120	107434	1.10	ppbv		97
65) tert-Butylbenzene	17.05	119	394017	1.14	ppbv		99
66) Benzyl Chloride	17.30	91	29188m	0.94	ppbv		
67) sec-Butylbenzene	17.60	105	546803	1.10	ppbv		99
69) p-Isopropyltoluene	17.96	119	430257	1.12	ppbv		99
70) n-Butylbenzene	18.86	91	450524	1.12	ppbv		98
71) 2-Chlorotoluene	15.76	91	316875	1.09	ppbv		100
72) 4-Ethyltoluene	16.14	105	339790	1.06	ppbv		98
73) 1,3,5-Trimethylbenzene	16.30	105	315231	1.08	ppbv		99
74) 1,2,4-Trimethylbenzene	17.07	105	358185	1.10	ppbv		94
75) 1,3-Dichlorobenzene	17.31	146	219000	1.09	ppbv		99
76) 1,4-Dichlorobenzene	17.46	146	209570	1.08	ppbv		95
77) 1,2-Dichlorobenzene	18.13	146	221619	1.12	ppbv		98
78) Hexachloro-1,3-Butadiene	23.68	225	78820m	1.04	ppbv		
79) Naphthalene	22.59	128	219925	1.20	ppbv		99
80) Naphthalene,2-methyl-	25.24	142	32358	0.90	ppbv		96
81) 1,2,4-Trichlorobenzene	22.31	180	129004m	1.27	ppbv		

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

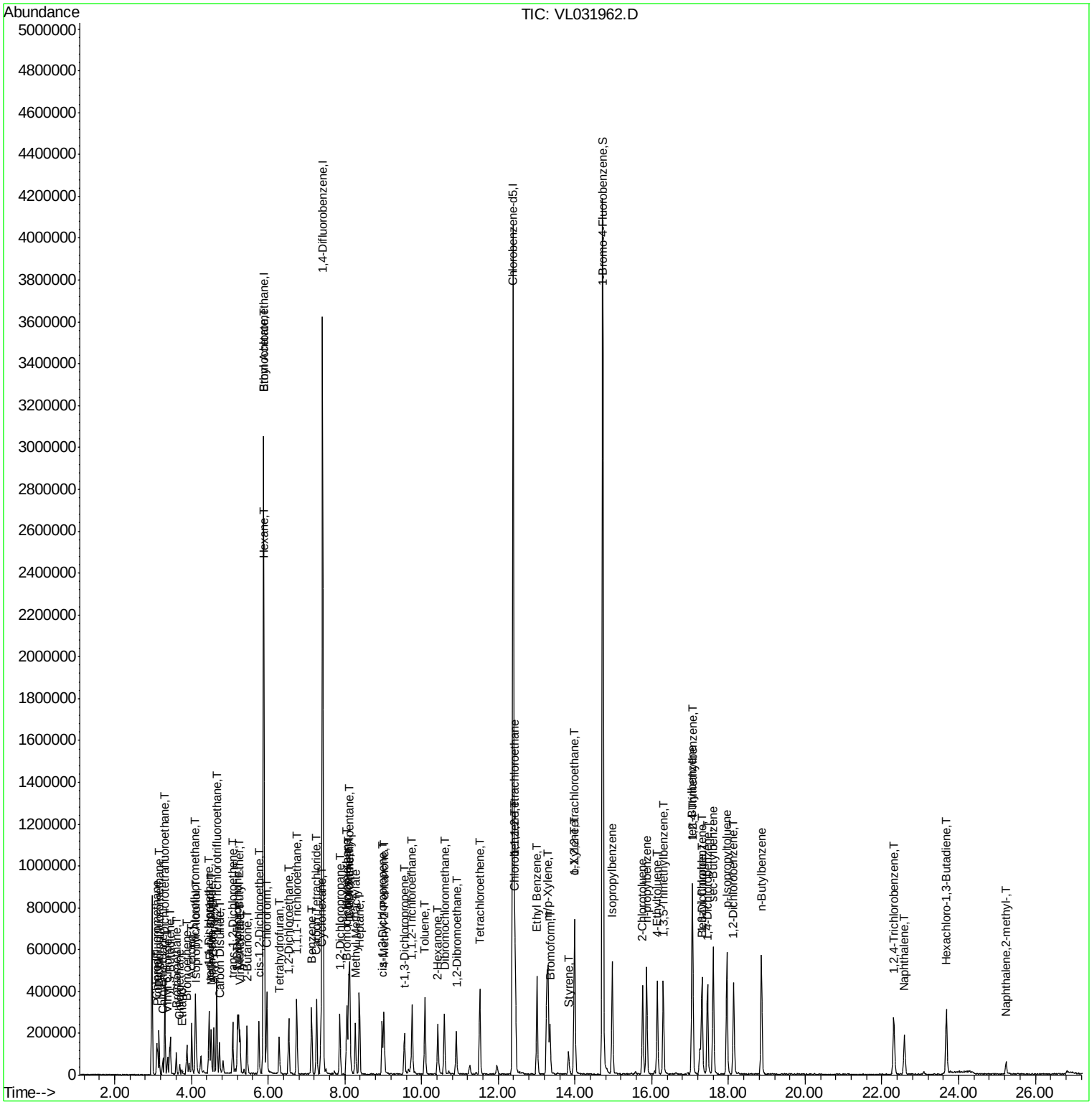
Quantitation Report (QT Reviewed)

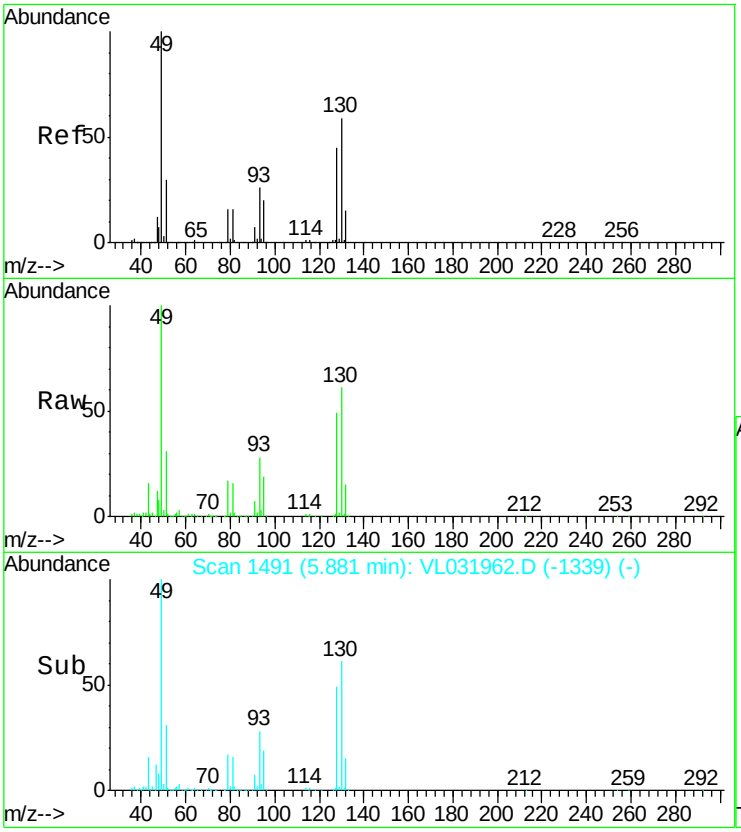
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\
Data File : VL031962.D
Acq On : 3 May 2018 12:44
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 03 14:09:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
QLast Update : Thu May 03 12:00:23 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

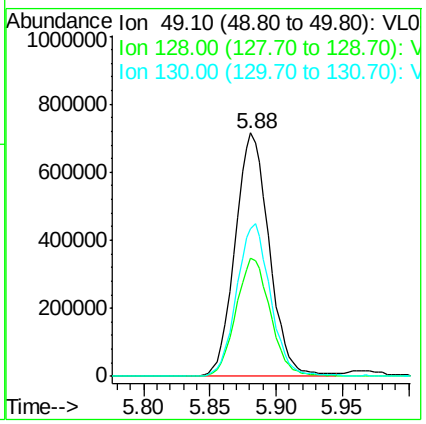




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

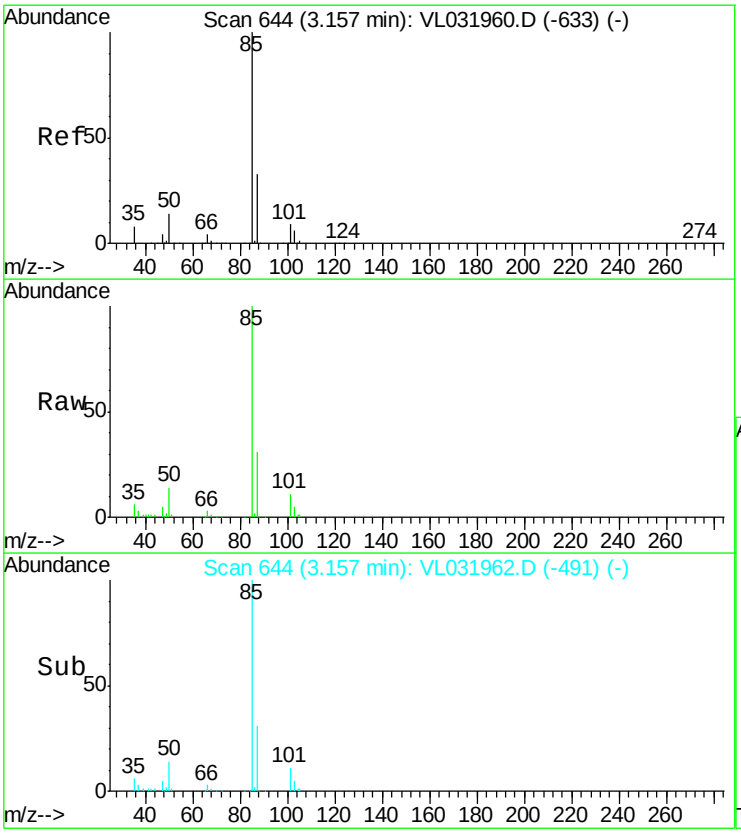
Tgt Ion: 49 Resp: 1277301

Ion	Ratio	Lower	Upper
49	100		
128	49.2	23.9	71.7
130	62.7	30.9	92.7



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

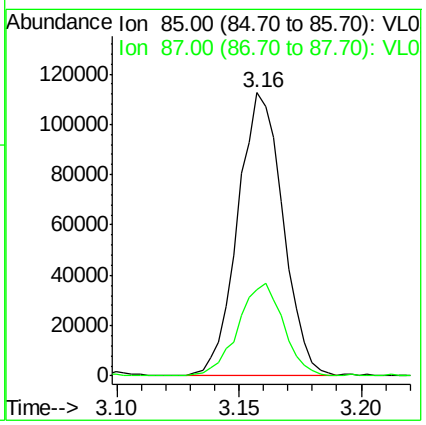
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

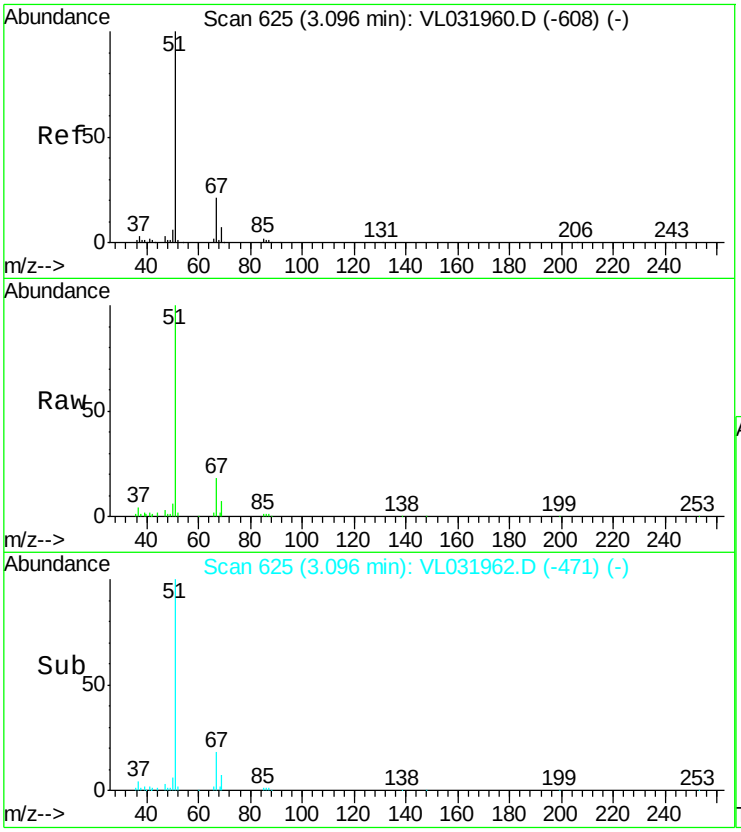


#2
Dichlorodifluoromethane
Concen: 0.55 ppbv
RT: 3.16 min Scan# 644
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 85 Resp: 144590

Ion	Ratio	Lower	Upper
85	100		
87	30.7	25.9	38.9

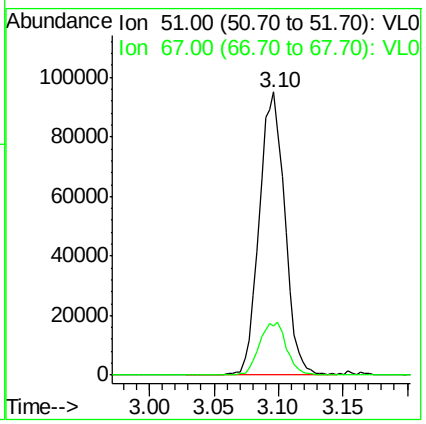




#3
Chlorodifluoromethane
Concen: 0.89 ppbv
RT: 3.10 min Scan# 625
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

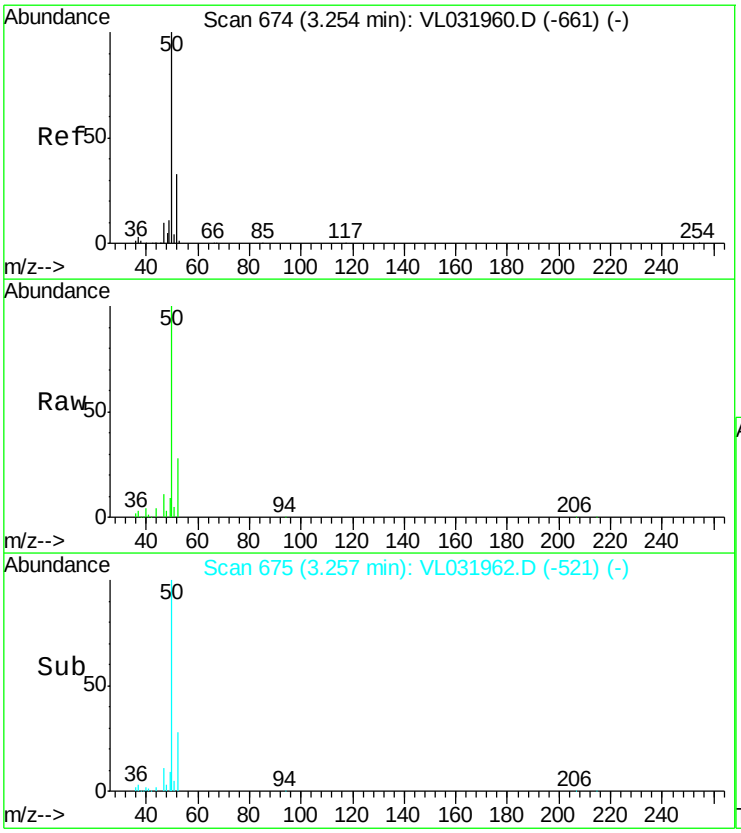
Tgt Ion: 51 Resp: 132199

Ion	Ratio	Lower	Upper
51	100		
67	19.8	17.5	26.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

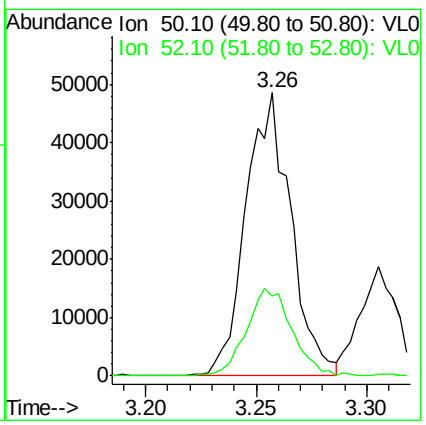
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

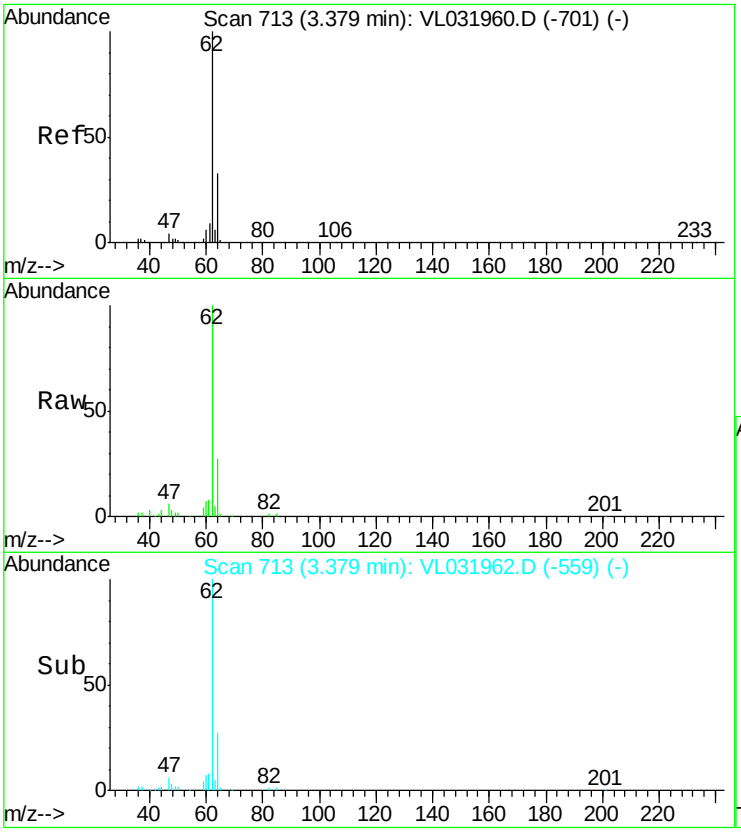


#4
Chloromethane
Concen: 0.90 ppbv
RT: 3.26 min Scan# 675
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 50 Resp: 68480

Ion	Ratio	Lower	Upper
50	100		
52	28.6	28.1	42.1

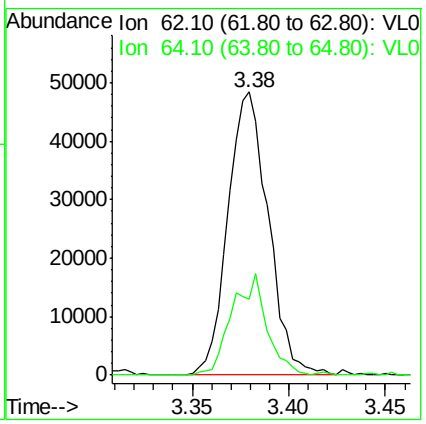




#5
Vinyl Chloride
Concen: 0.82 ppbv
RT: 3.38 min Scan# 713
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

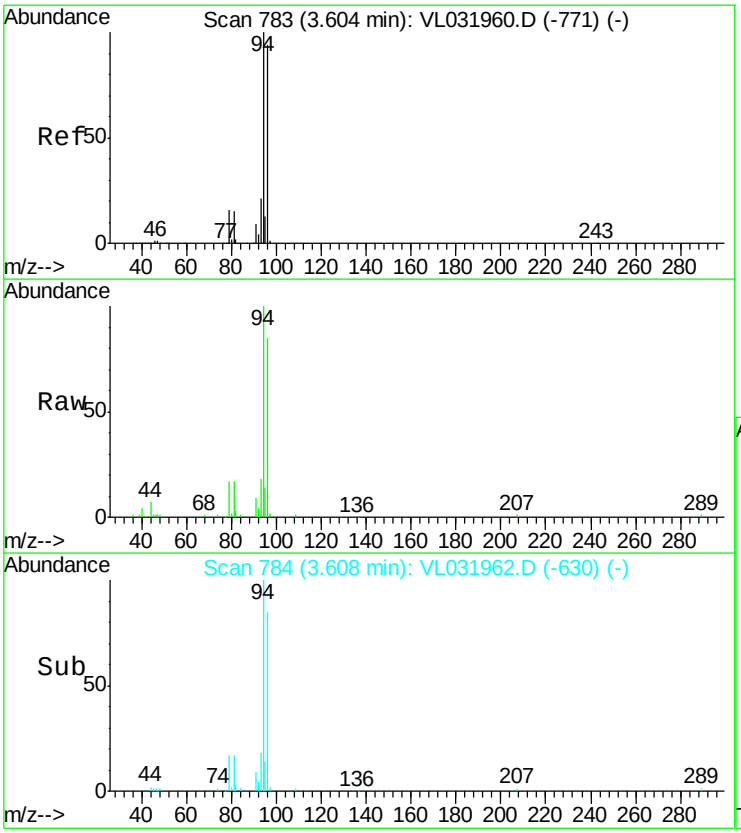
Tgt Ion: 62 Resp: 70019

Ion	Ratio	Lower	Upper
62	100		
64	27.4	25.9	38.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

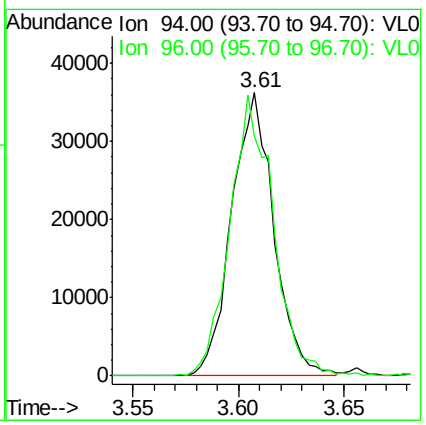
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

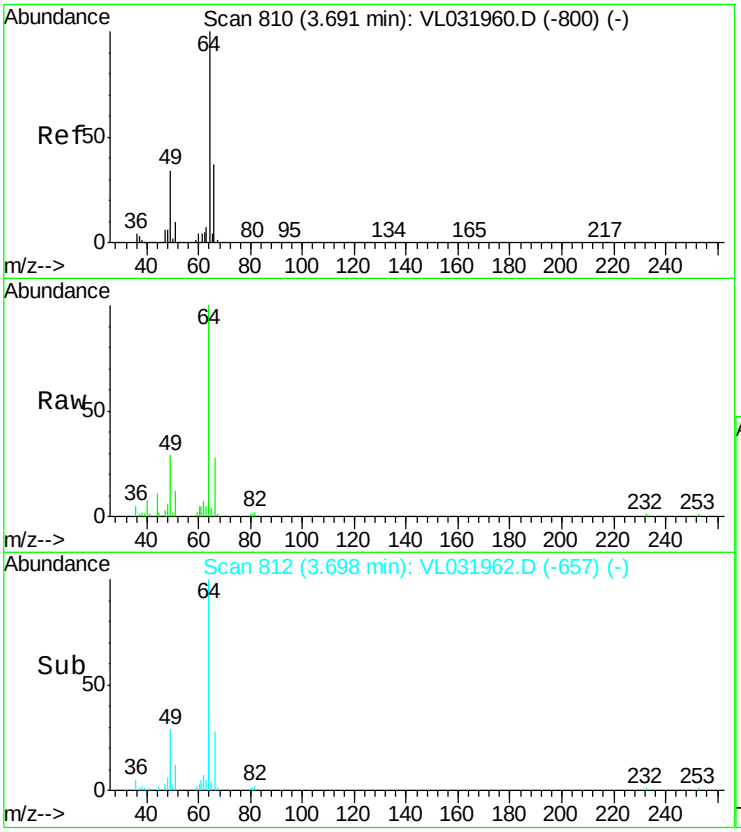


#6
Bromomethane
Concen: 0.90 ppbv
RT: 3.61 min Scan# 784
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 94 Resp: 50333

Ion	Ratio	Lower	Upper
94	100		
96	84.7	73.8	110.6

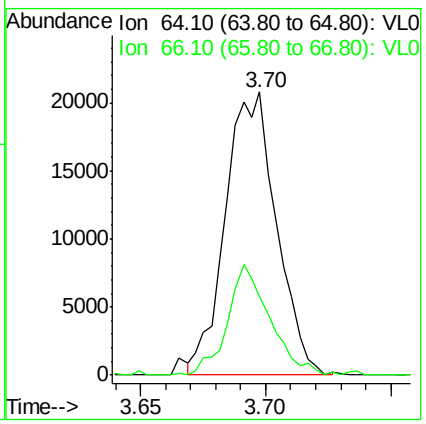




#7
Chloroethane
Concen: 0.86 ppbv m
RT: 3.70 min Scan# 812
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

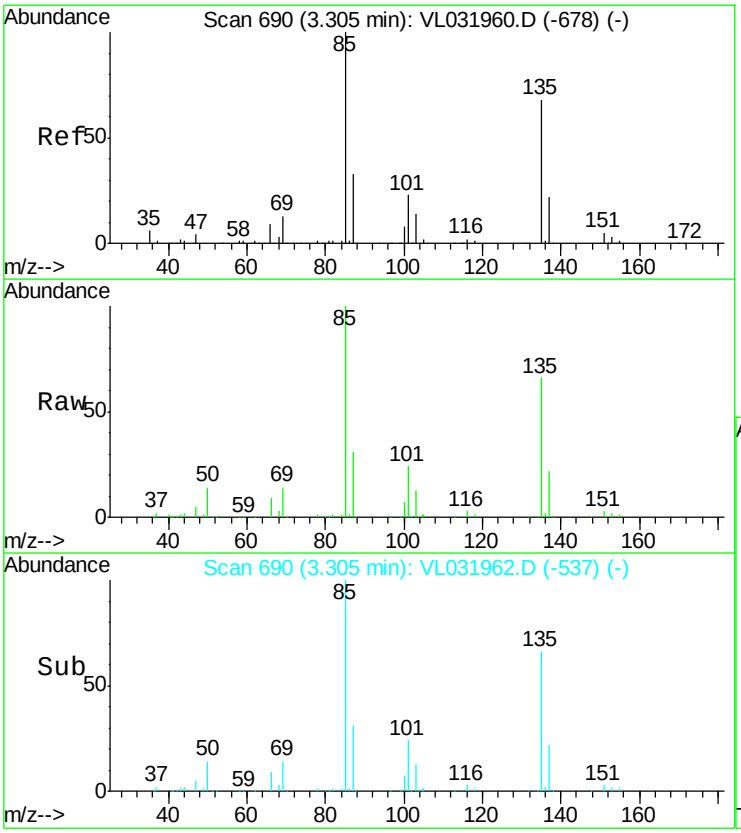
Tgt Ion: 64 Resp: 29437

Ion	Ratio	Lower	Upper
64	100		
66	27.5	23.4	35.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

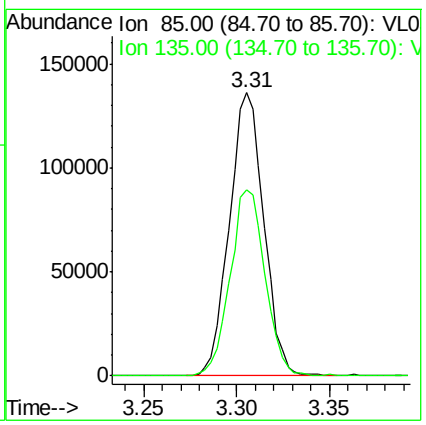
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

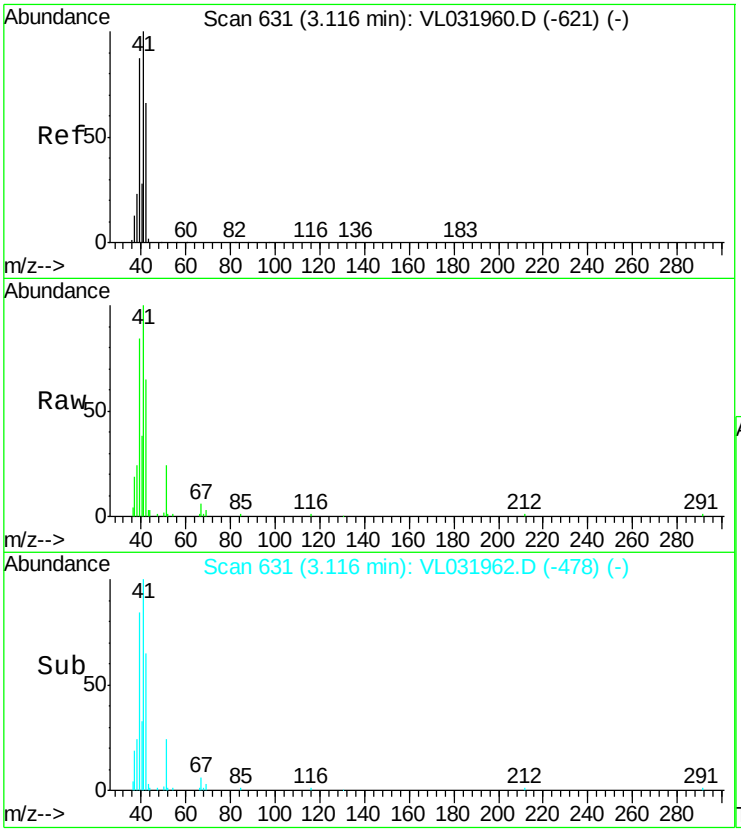


#8
Dichlorotetrafluoroethane
Concen: 0.81 ppbv
RT: 3.31 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 85 Resp: 175215

Ion	Ratio	Lower	Upper
85	100		
135	66.8	52.7	79.1

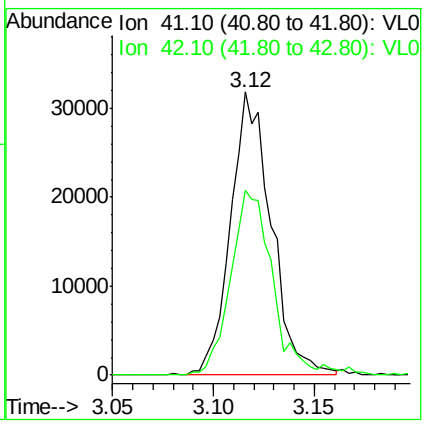




#9
Propene
Concen: 0.88 ppbv
RT: 3.12 min Scan# 631
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

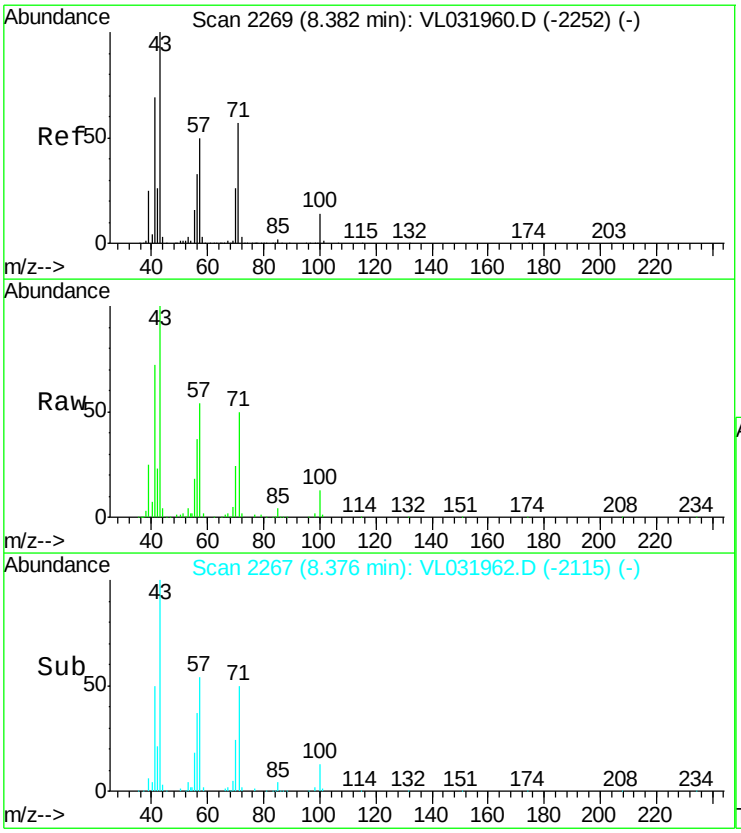
Tgt Ion: 41 Resp: 44960

Ion	Ratio	Lower	Upper
41	100		
42	67.8	55.0	82.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

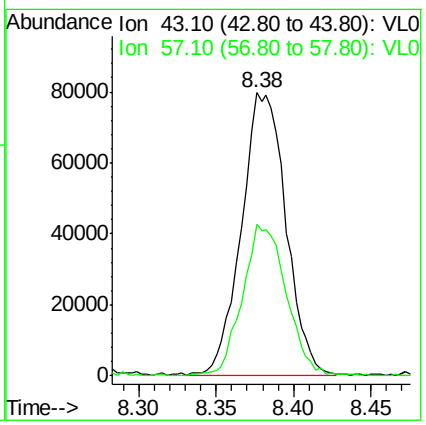
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

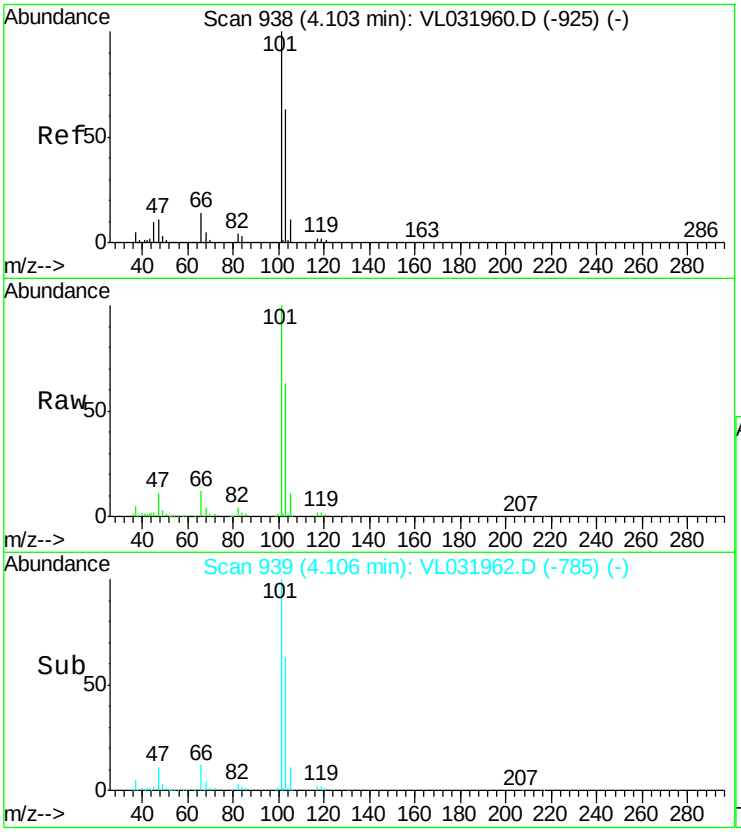


#10
Heptane
Concen: 0.95 ppbv
RT: 8.38 min Scan# 2267
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 43 Resp: 158173

Ion	Ratio	Lower	Upper
43	100		
57	53.4	41.5	62.3





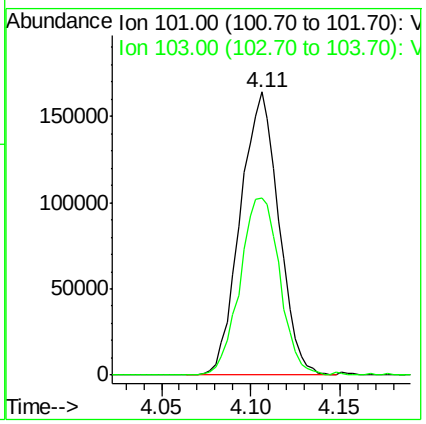
#11
Trichlorofluoromethane
Concen: 0.96 ppbv
RT: 4.11 min Scan# 939
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

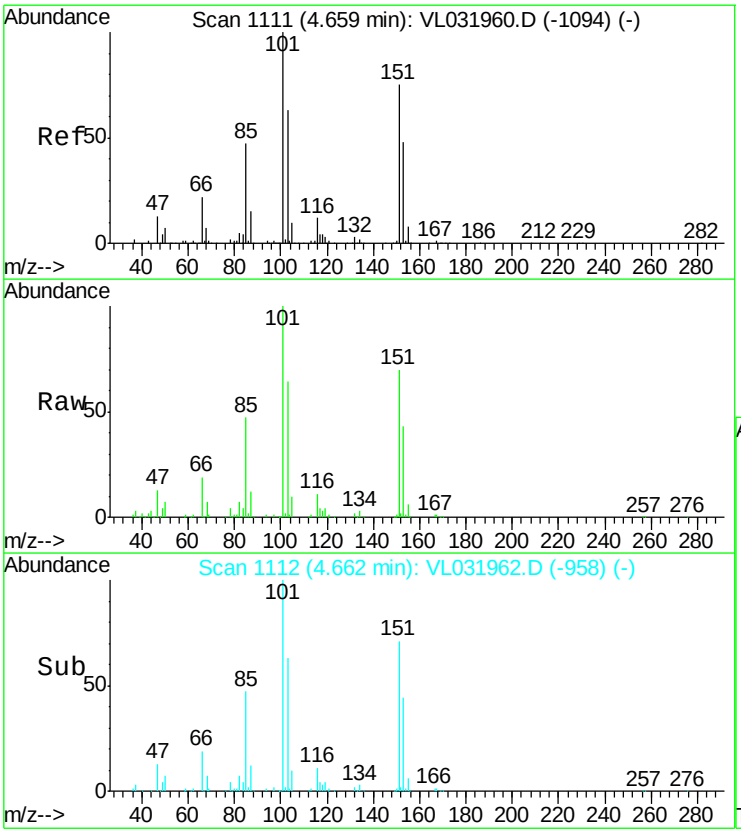
Tgt Ion:101 Resp: 246954

Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.8	77.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

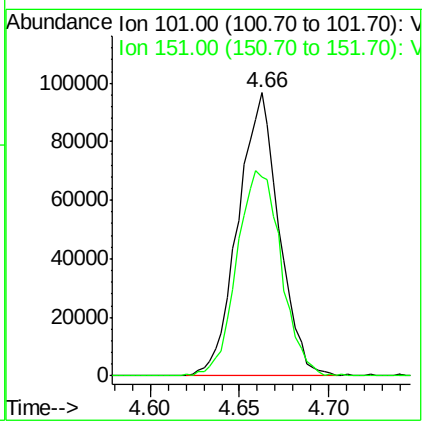


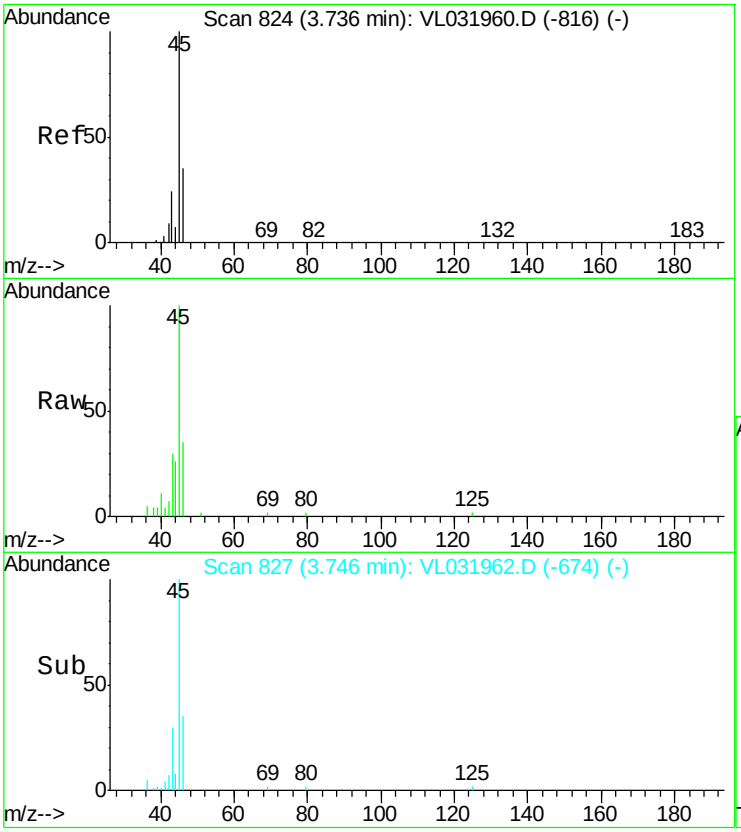


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.92 ppbv
RT: 4.66 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:101 Resp: 154699

Ion	Ratio	Lower	Upper
101	100		
151	78.8	57.0	85.6

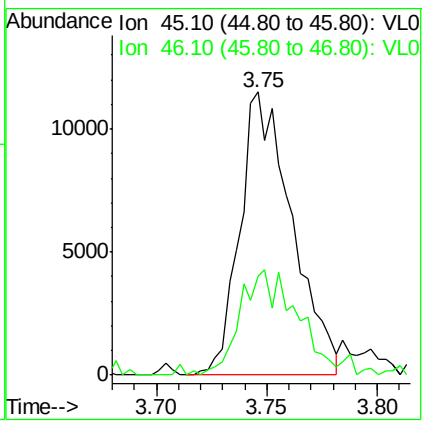




#13
Ethanol
Concen: 1.09 ppbv
RT: 3.75 min Scan# 827
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

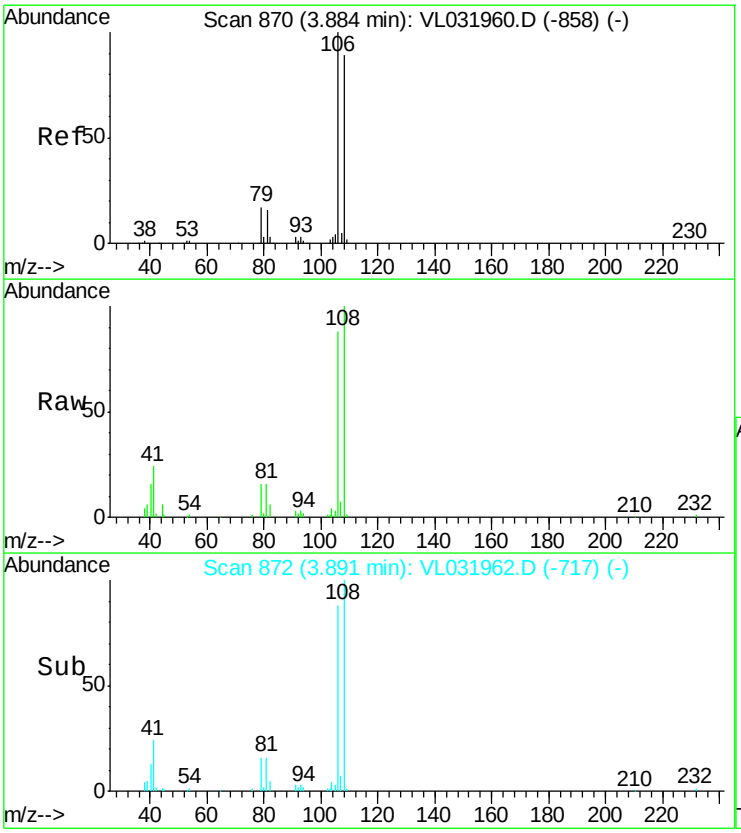
Tgt Ion: 45 Resp: 18939

Ion	Ratio	Lower	Upper
45	100		
46	42.9	14.6	58.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

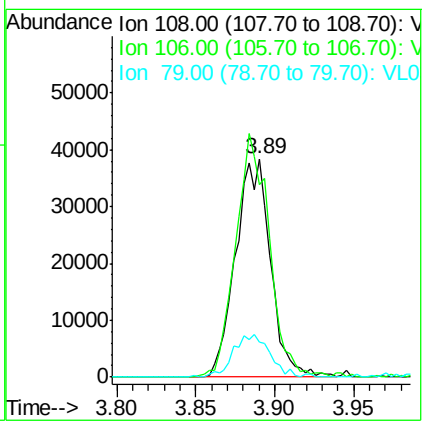
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

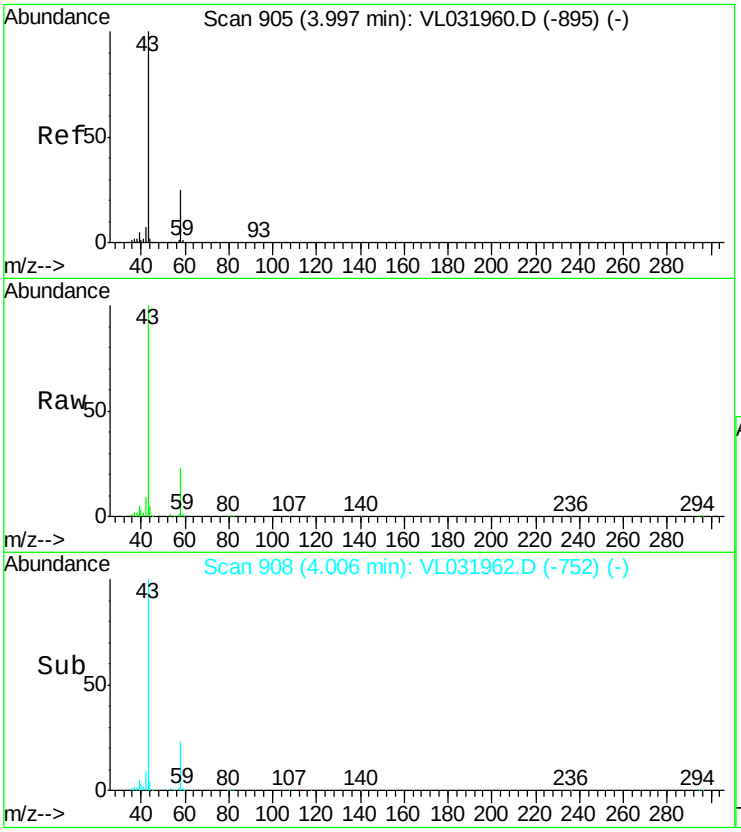


#14
Bromoethene
Concen: 0.93 ppbv m
RT: 3.89 min Scan# 872
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:108 Resp: 58783

Ion	Ratio	Lower	Upper
108	100		
106	107.8	86.6	130.0
79	0.0	15.5	23.3#

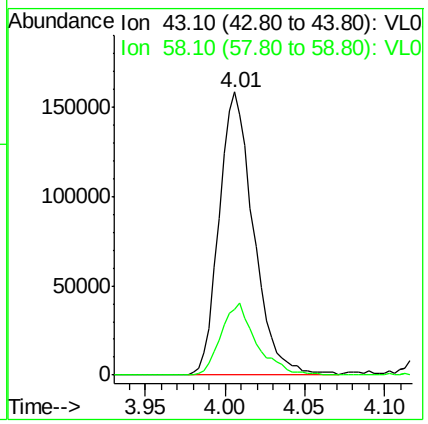




#15
Acetone
Concen: 1.19 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

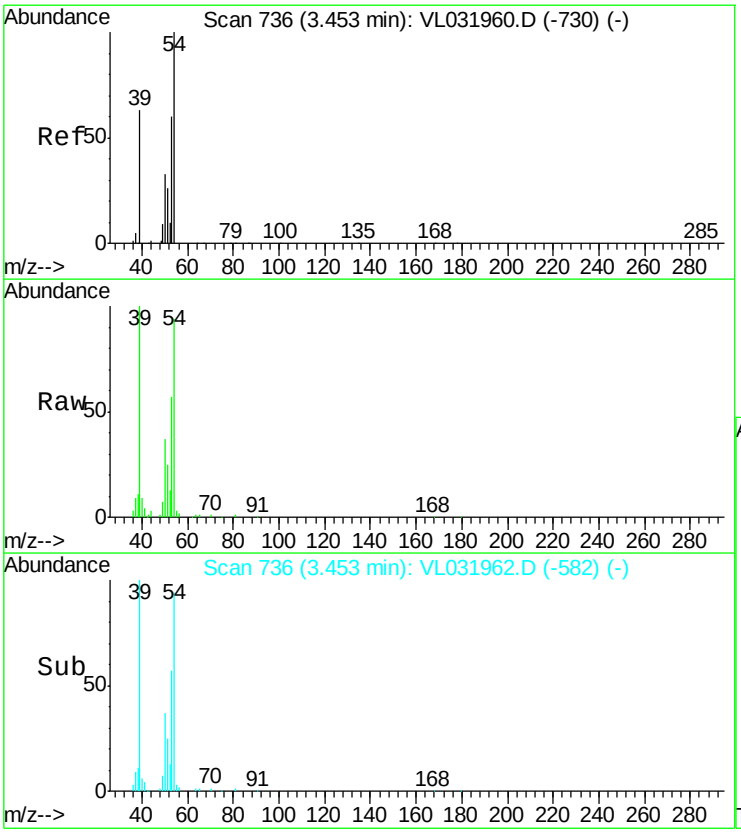
Tgt Ion: 43 Resp: 234493

Ion	Ratio	Lower	Upper
43	100		
58	26.0	20.9	31.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

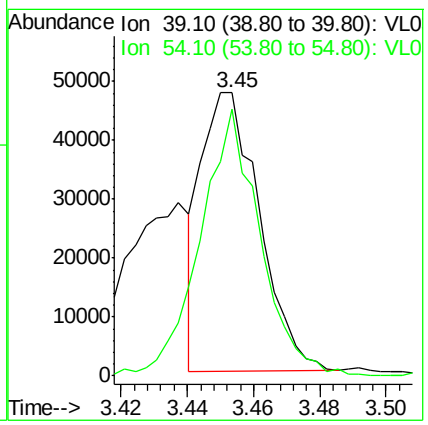
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

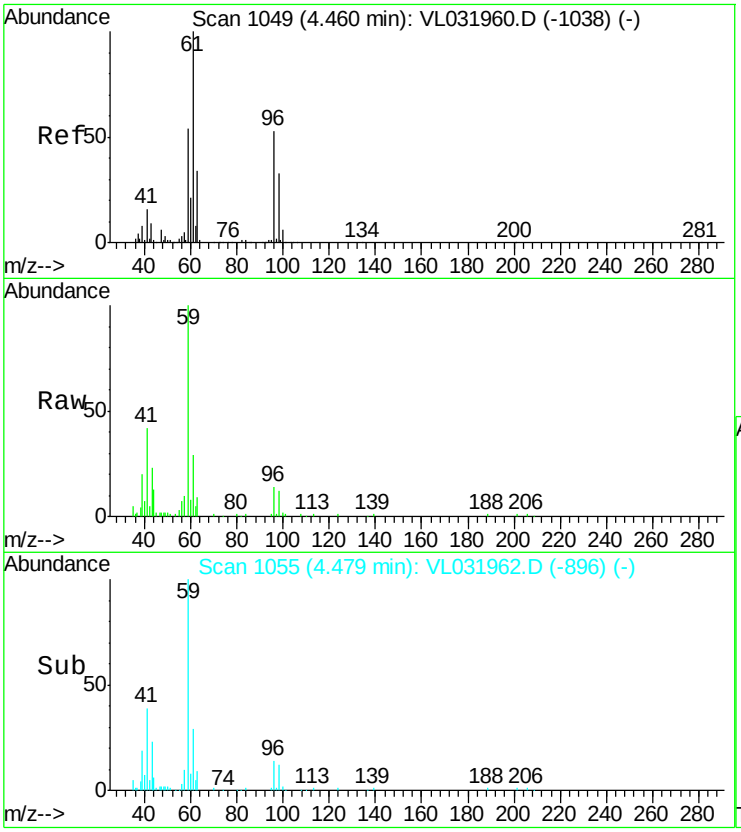


#16
1,3-Butadiene
Concen: 0.79 ppbv
RT: 3.45 min Scan# 736
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 39 Resp: 57168

Ion	Ratio	Lower	Upper
39	100		
54	99.4	63.3	94.9#

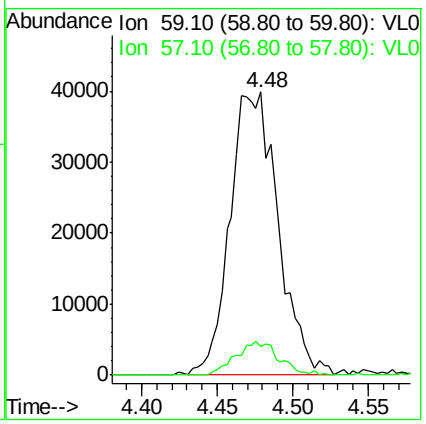




#17
tert-Butyl alcohol
Concen: 1.09 ppbv m
RT: 4.48 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

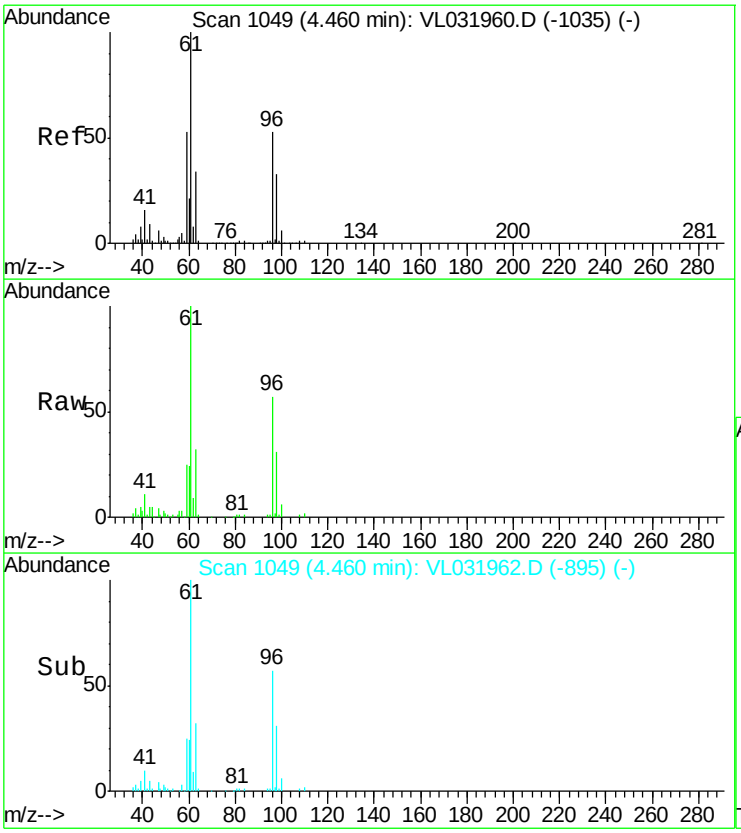
Tgt Ion: 59 Resp: 88154

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

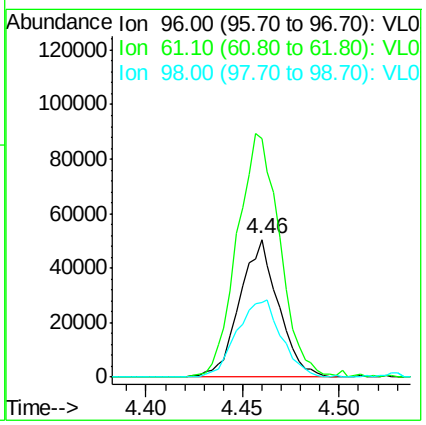
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

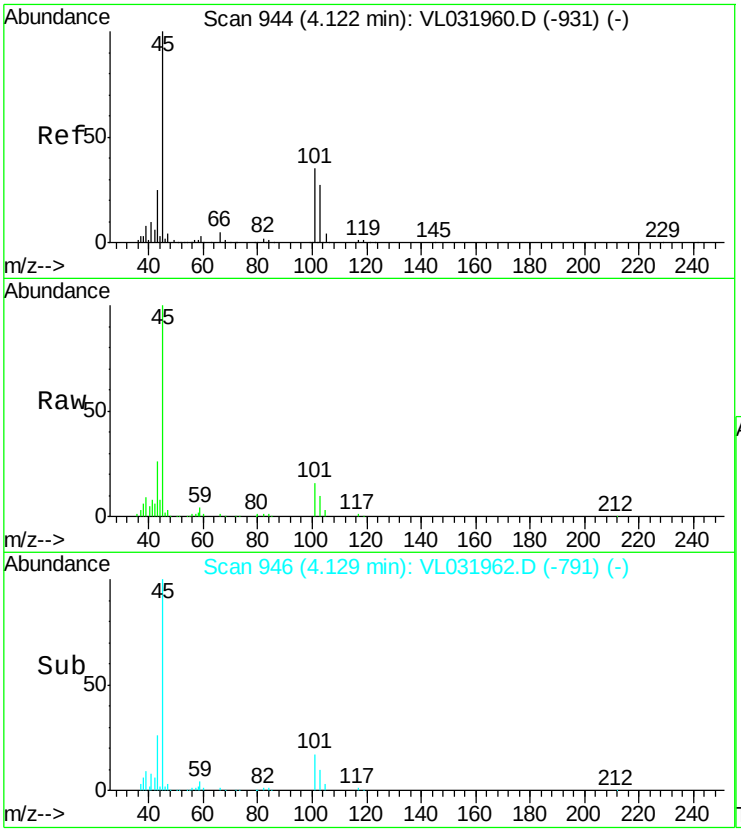


#18
1,1-Dichloroethene
Concen: 0.98 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 96 Resp: 70588

Ion	Ratio	Lower	Upper
96	100		
61	173.7	161.0	241.6
98	54.5	52.7	79.1

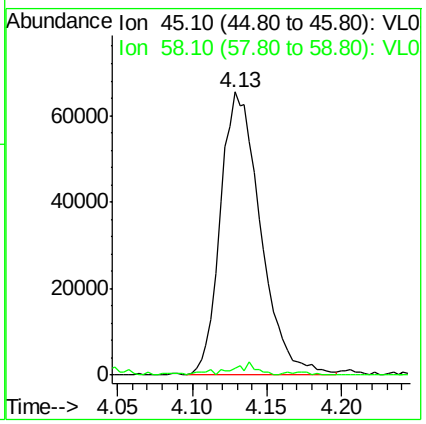




#19
Isopropyl Alcohol
Concen: 1.11 ppbv
RT: 4.13 min Scan# 946
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

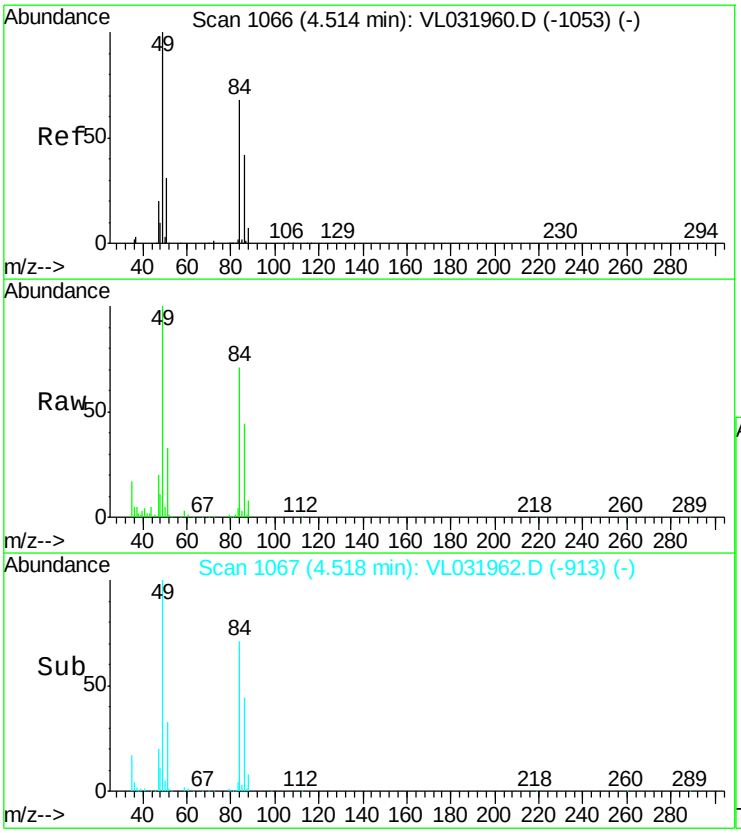
Tgt Ion: 45 Resp: 121598

Ion	Ratio	Lower	Upper
45	100		
58	3.4	1.7	2.5#



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

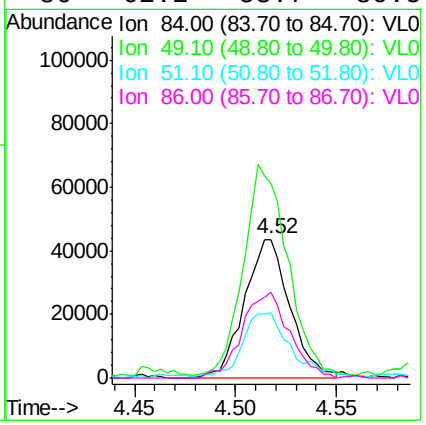
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

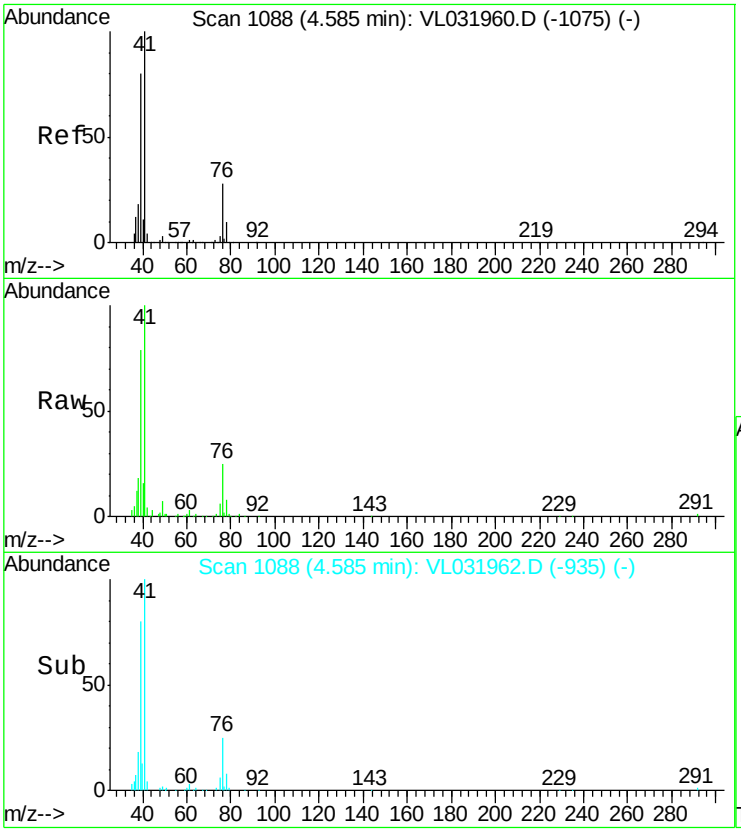


#20
Methylene Chloride
Concen: 0.96 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 84 Resp: 68735

Ion	Ratio	Lower	Upper
84	100		
49	138.3	125.6	188.4
51	45.0	36.4	54.6
86	62.2	53.7	80.5

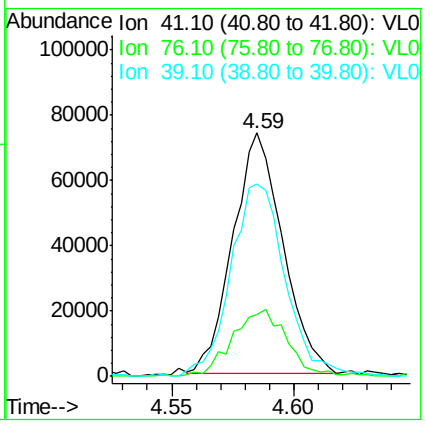




#21
Allvl Chloride
Concen: 0.93 ppbv
RT: 4.59 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

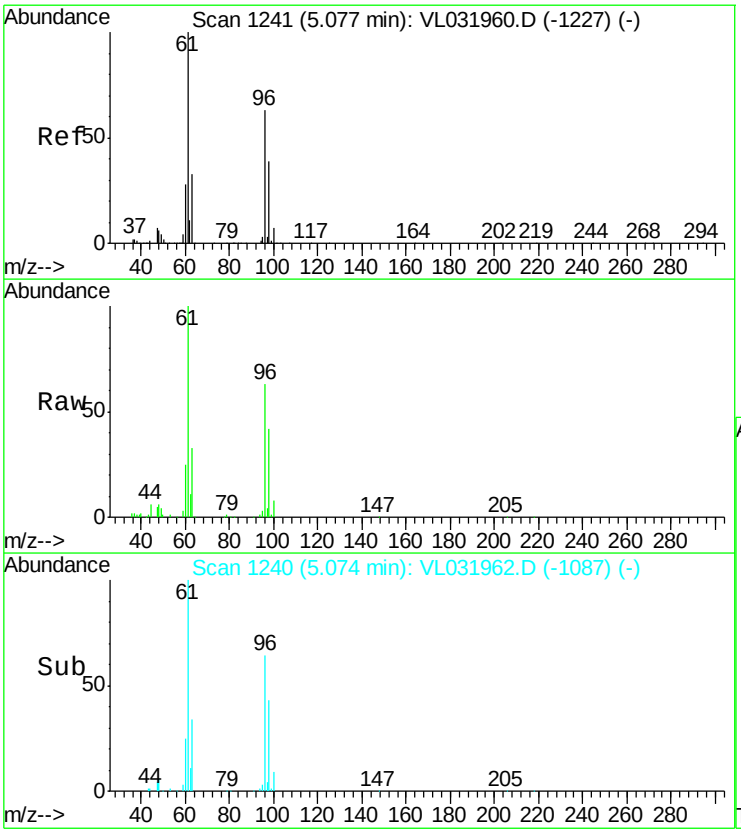
Tgt Ion: 41 Resp: 104736

Ion	Ratio	Lower	Upper
41	100		
76	30.9	23.4	35.2
39	87.0	67.6	101.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

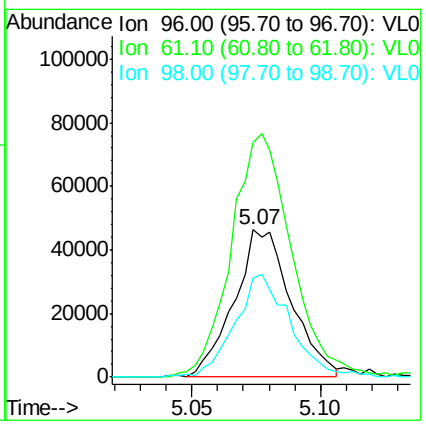
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

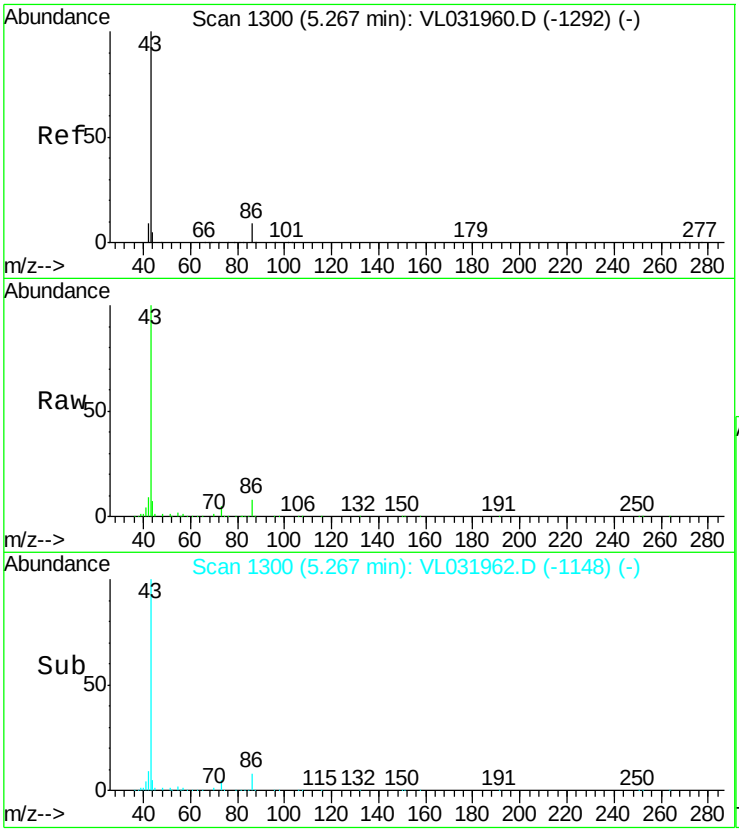


#22
trans-1,2-Dichloroethene
Concen: 0.95 ppbv
RT: 5.07 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 96 Resp: 71063

Ion	Ratio	Lower	Upper
96	100		
61	155.8	131.1	196.7
98	64.9	47.6	71.4

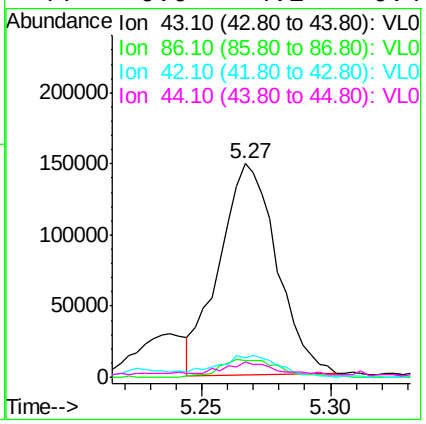




#23
Vinyl Acetate
Concen: 1.15 ppbv
RT: 5.27 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

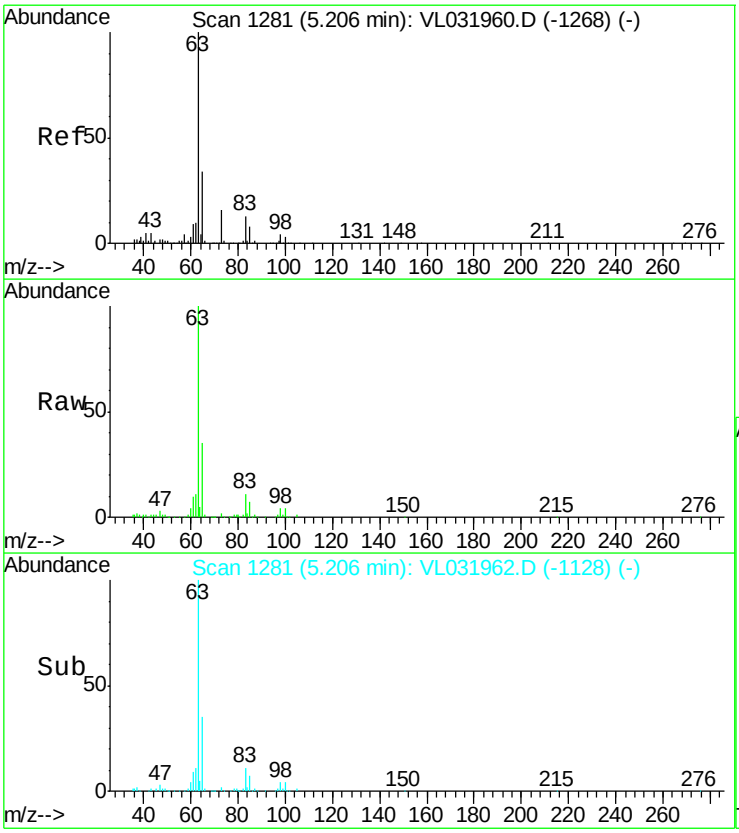
Tgt Ion: 43 Resp: 229997

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.8	8.8
42	8.9	8.5	12.7
44	6.0	4.2	6.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

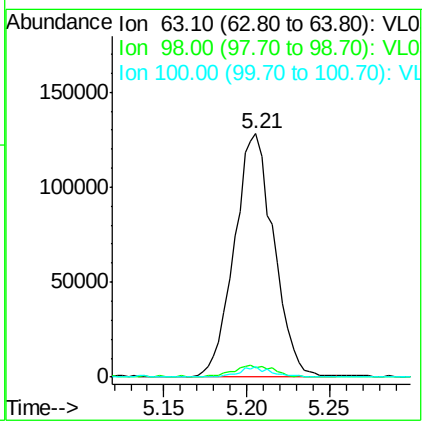
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

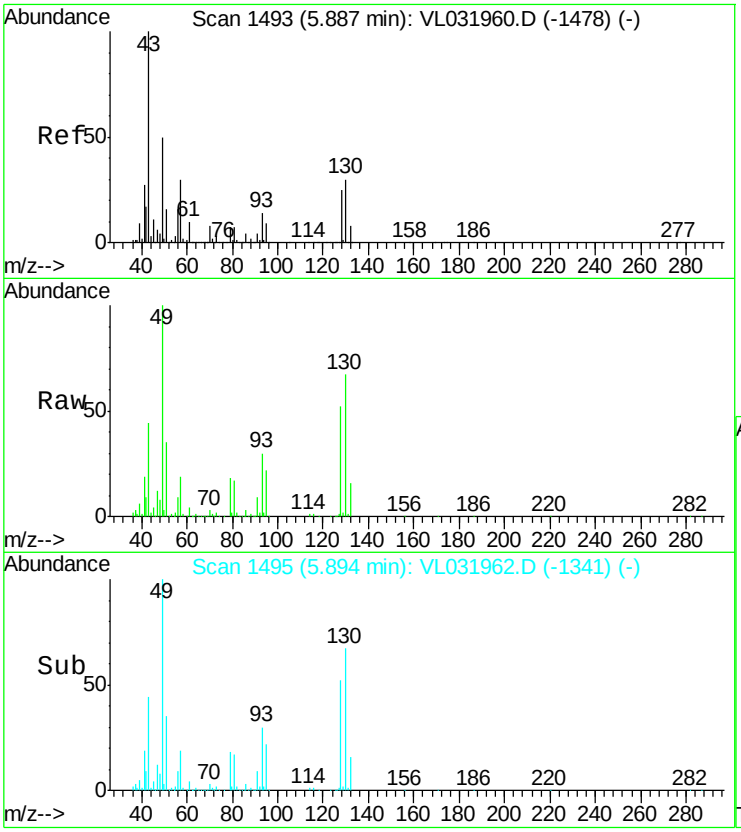


#24
1,1-Dichloroethane
Concen: 1.07 ppbv
RT: 5.21 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 63 Resp: 211690

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.4	7.2
100	4.2	1.5	4.4

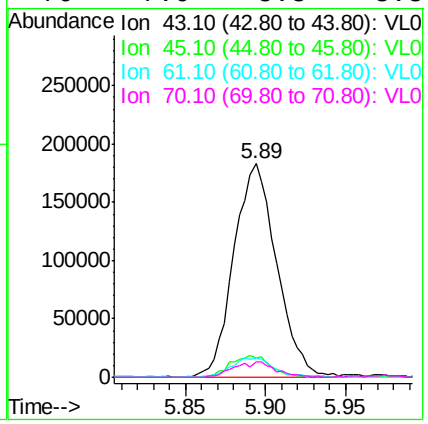




#25
Ethyl Acetate
Concen: 1.09 ppbv
RT: 5.89 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

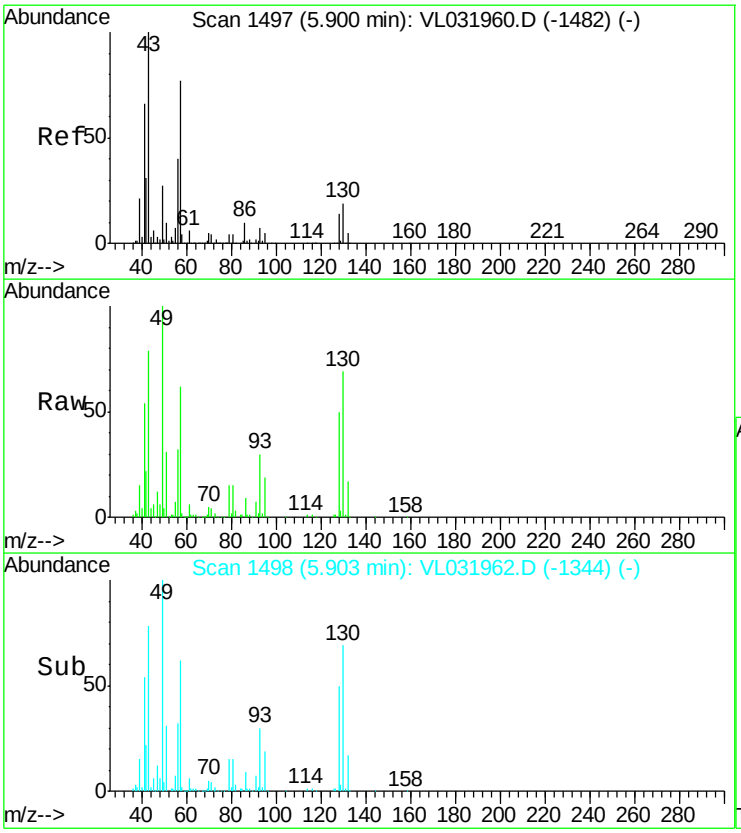
Tgt Ion: 43 Resp: 333180

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.8
61	9.6	7.2	10.8
70	7.0	5.8	8.8



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

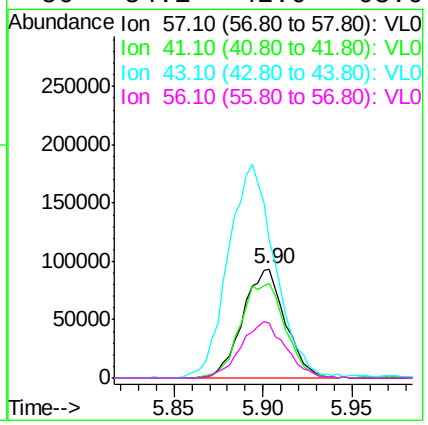
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

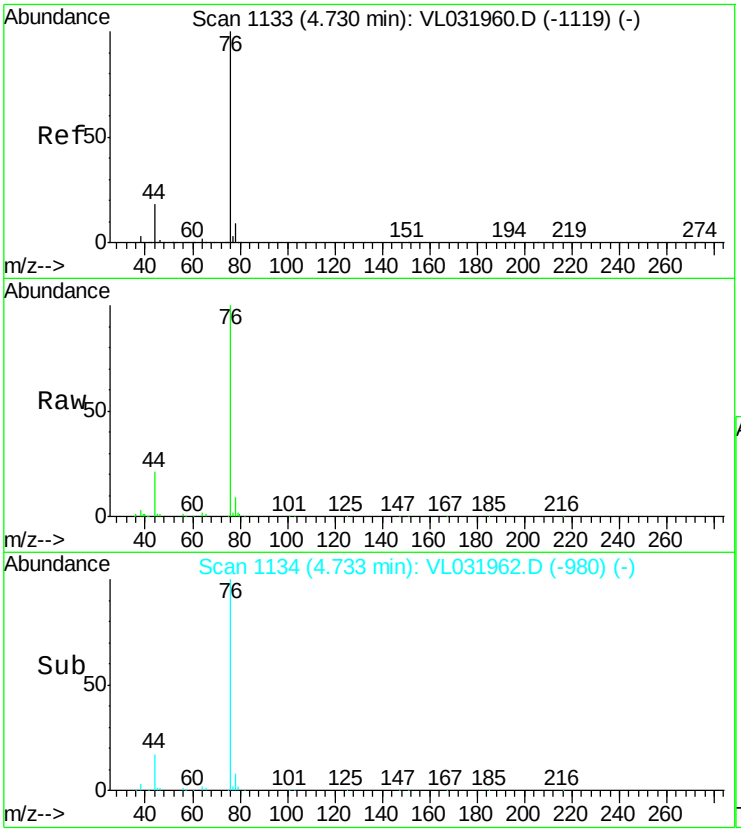


#26
Hexane
Concen: 1.09 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 57 Resp: 155294

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.0	108.0
43	218.6	169.8	254.8
56	54.1	42.0	63.0

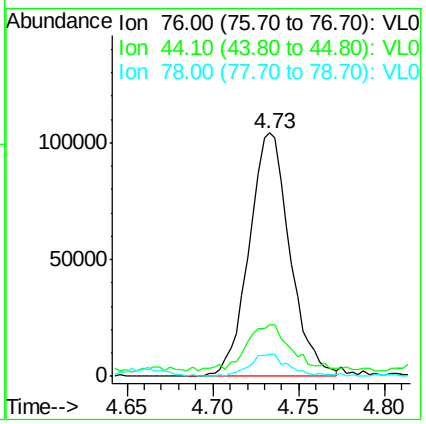




#27
Carbon Disulfide
Concen: 0.92 ppbv
RT: 4.73 min Scan# 1134
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

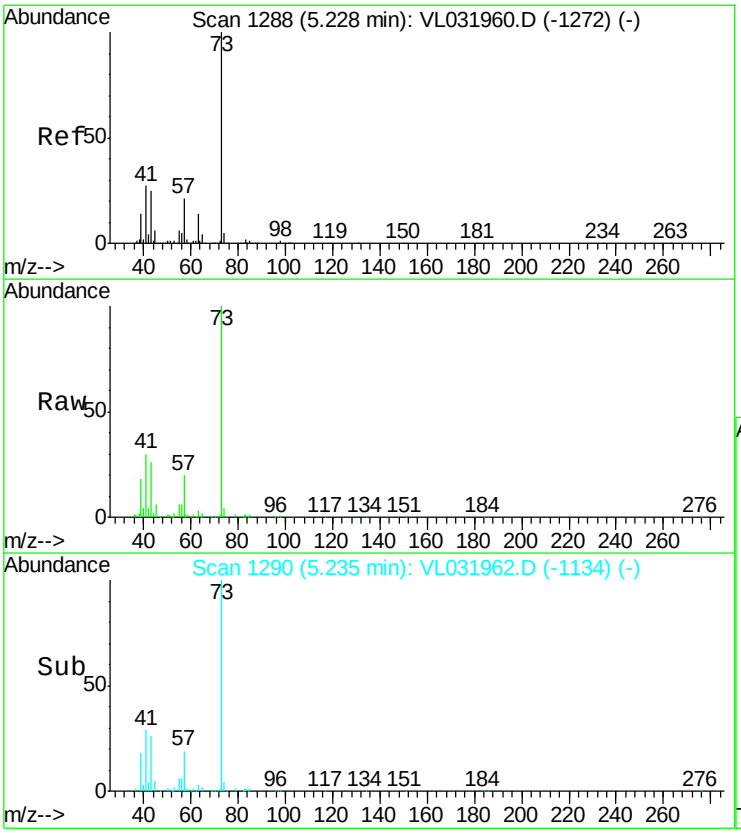
Tgt Ion: 76 Resp: 170882

Ion	Ratio	Lower	Upper
76	100		
44	26.6	15.6	23.4#
78	9.2	7.6	11.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

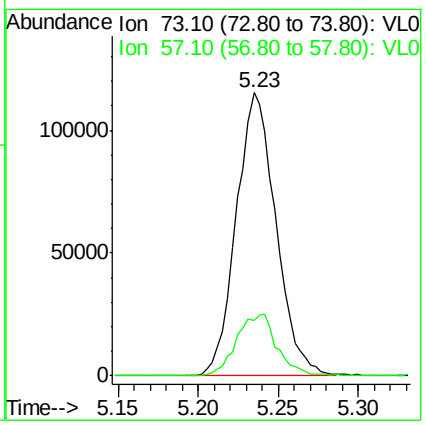
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

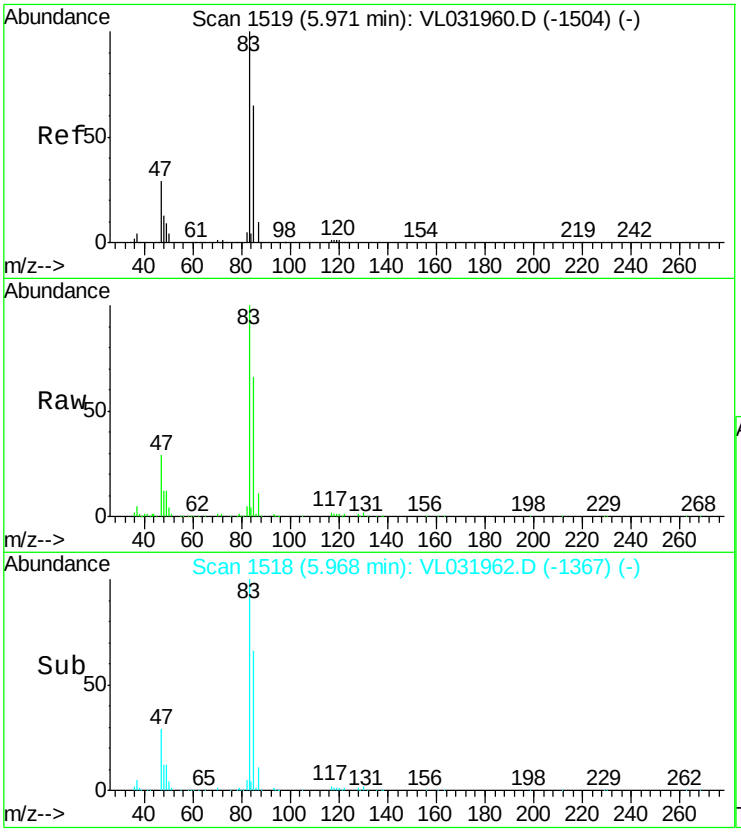


#28
Methyl tert-Butyl Ether
Concen: 1.10 ppbv
RT: 5.23 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 73 Resp: 194300

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.6	26.4

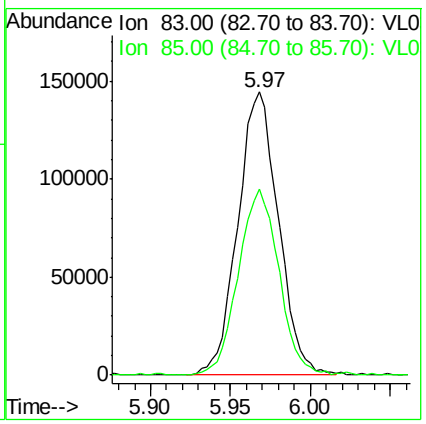




#29
Chloroform
Concen: 1.03 ppbv
RT: 5.97 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

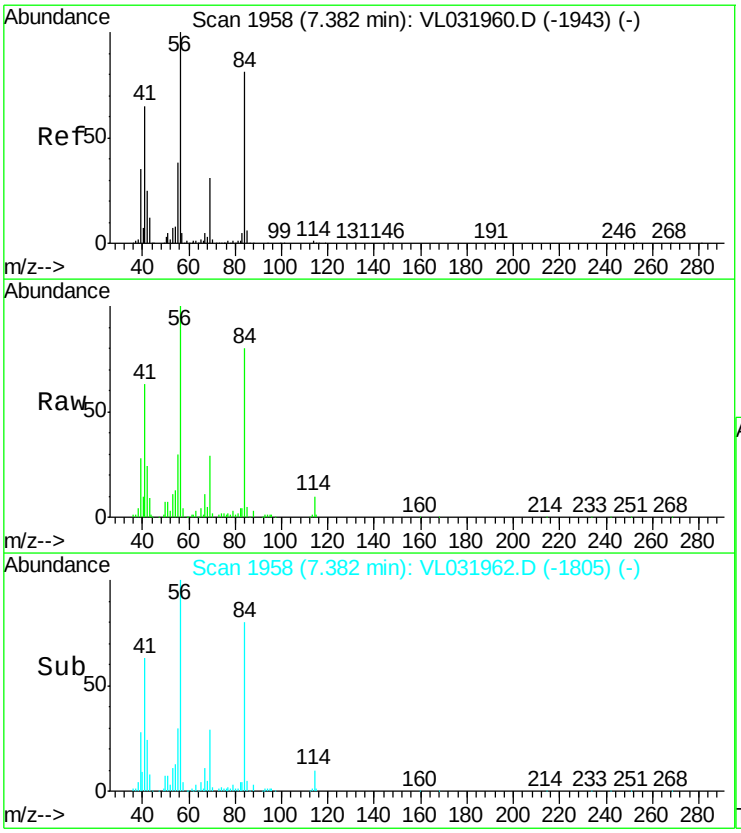
Tgt Ion: 83 Resp: 249446

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

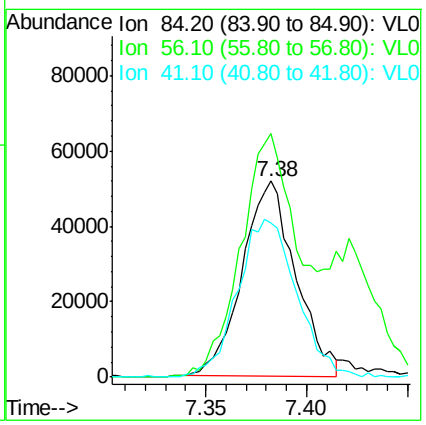
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

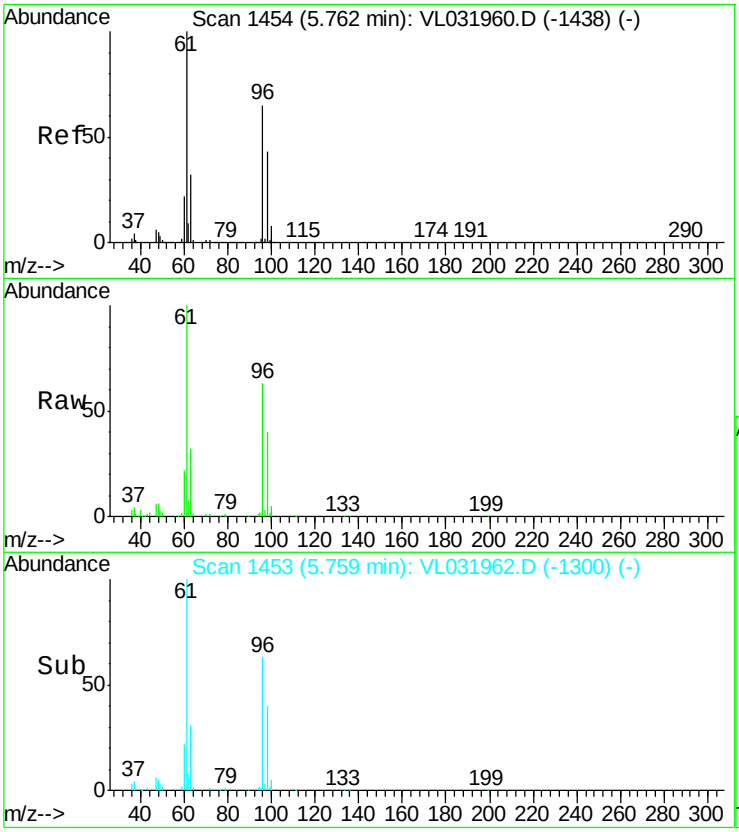


#30
Cyclohexane
Concen: 0.94 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 84 Resp: 95651

Ion	Ratio	Lower	Upper
84	100		
56	196.1	107.7	161.5#
41	90.5	68.2	102.2

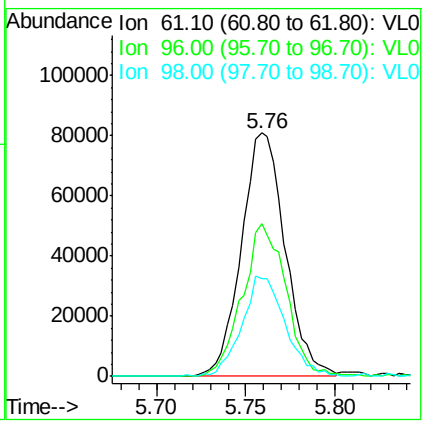




#31
cis-1,2-Dichloroethene
Concen: 1.07 ppbv
RT: 5.76 min Scan# 1453
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

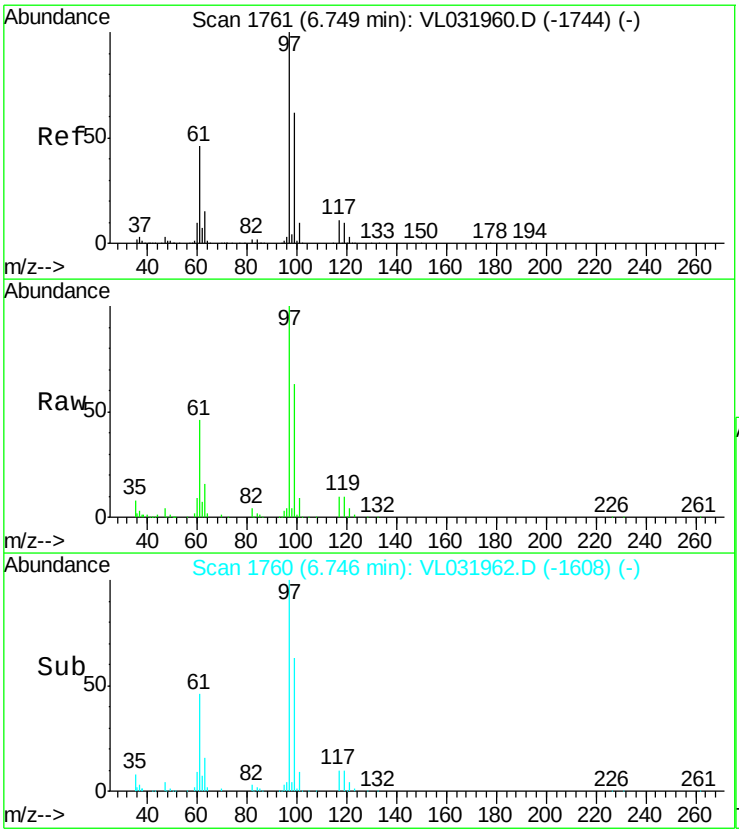
Tgt Ion: 61 Resp: 138856

Ion	Ratio	Lower	Upper
61	100		
96	62.8	47.6	71.4
98	39.9	30.3	45.5



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

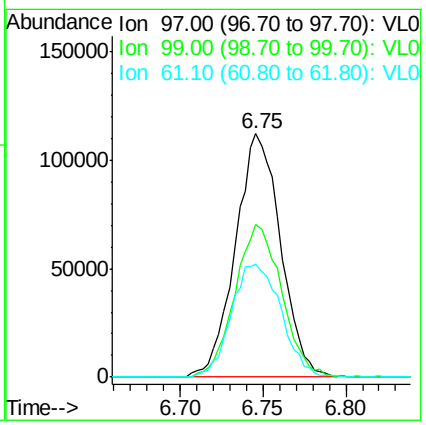
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

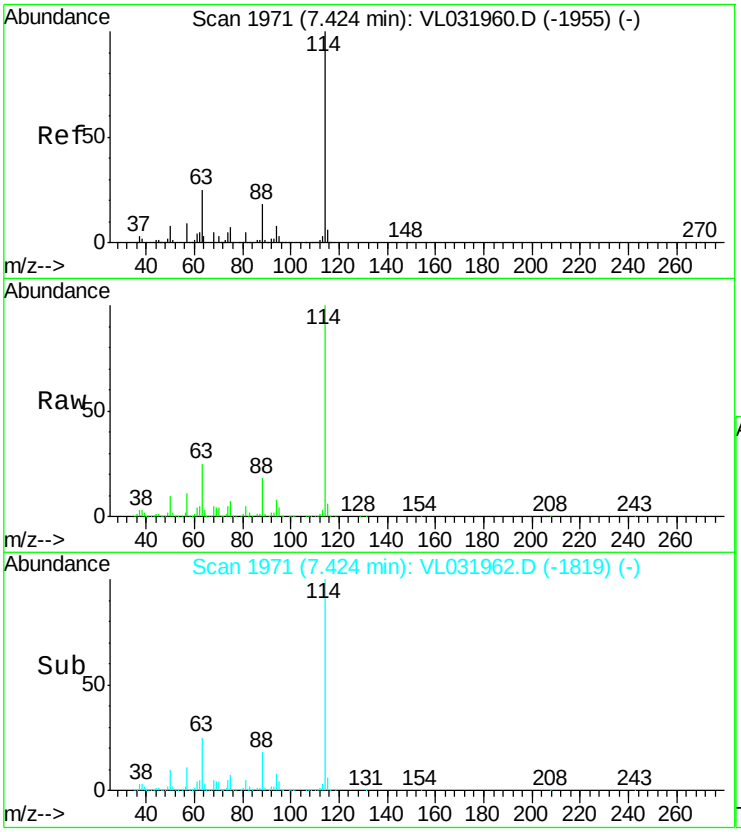


#32
1,1,1-Trichloroethane
Concen: 0.90 ppbv
RT: 6.75 min Scan# 1760
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 97 Resp: 212756

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.5	77.3
61	51.3	40.0	60.0

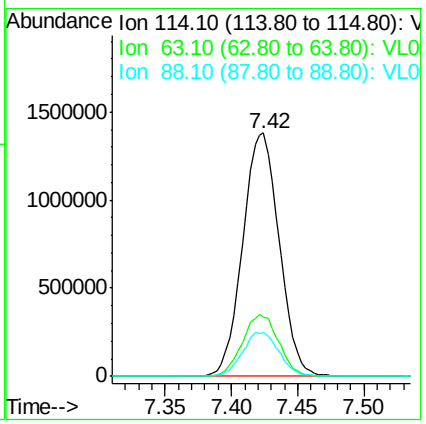




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

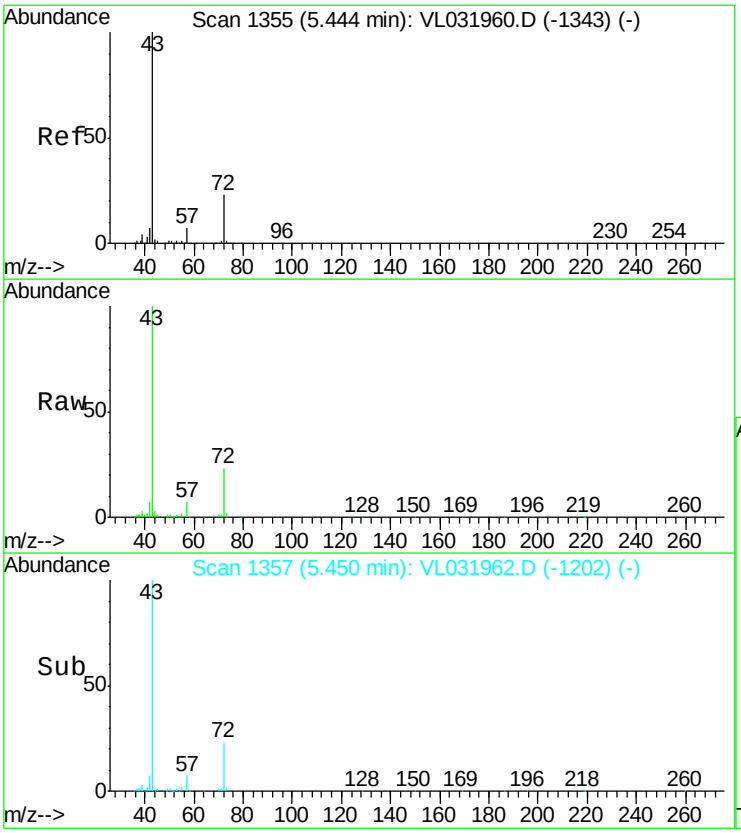
Tgt Ion:114 Resp: 2641146

Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.8	32.6
88	18.3	14.6	22.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

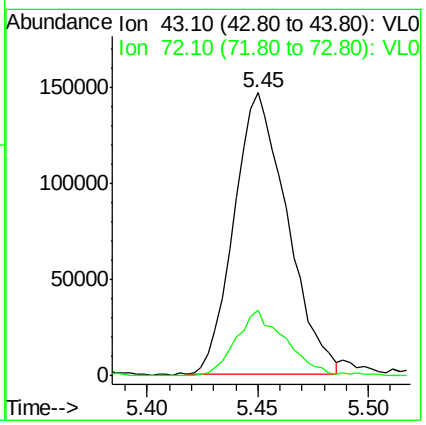
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

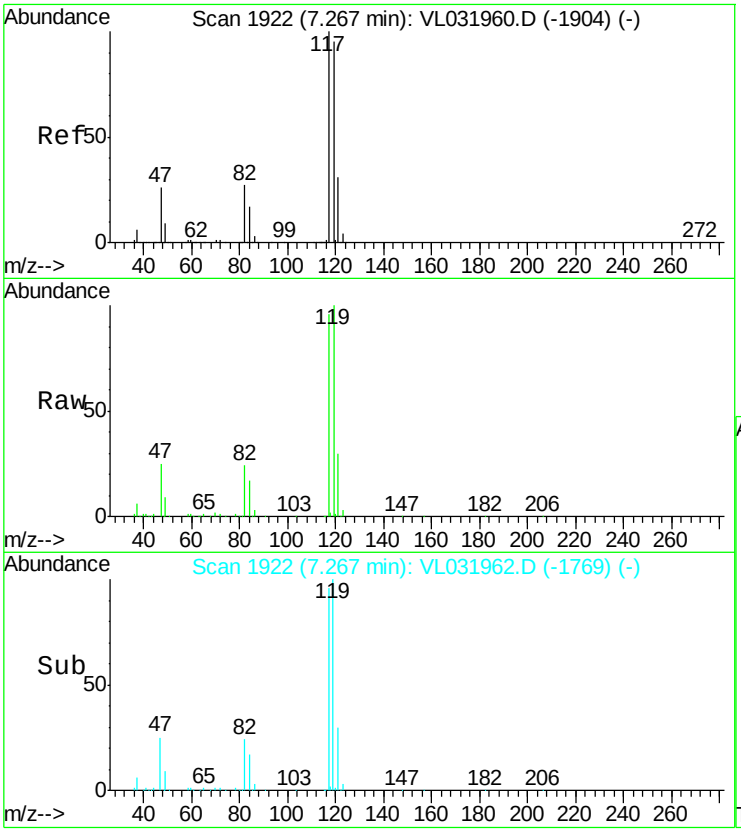


#34
2-Butanone
Concen: 1.34 ppbv
RT: 5.45 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 43 Resp: 245661

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.6	27.8

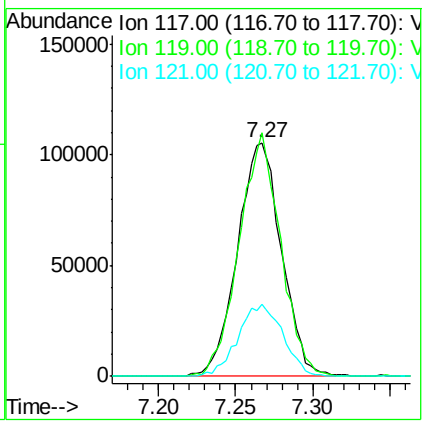




#35
Carbon Tetrachloride
Concen: 0.91 ppbv
RT: 7.27 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

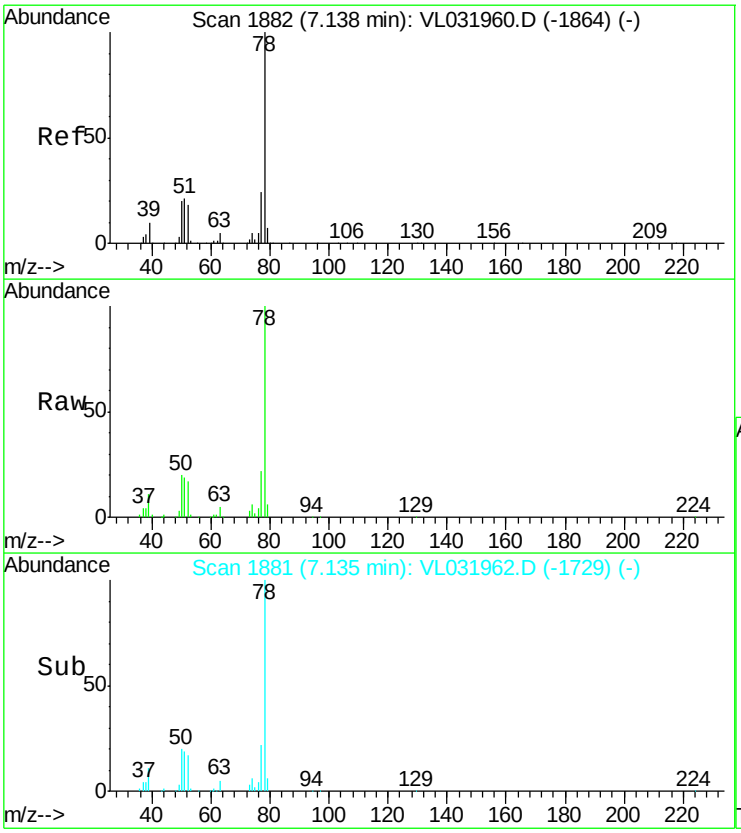
Tgt Ion:117 Resp: 208604

Ion	Ratio	Lower	Upper
117	100		
119	104.1	76.9	115.3
121	30.8	24.5	36.7



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

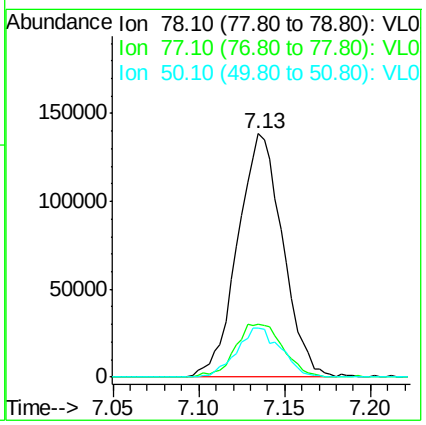
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

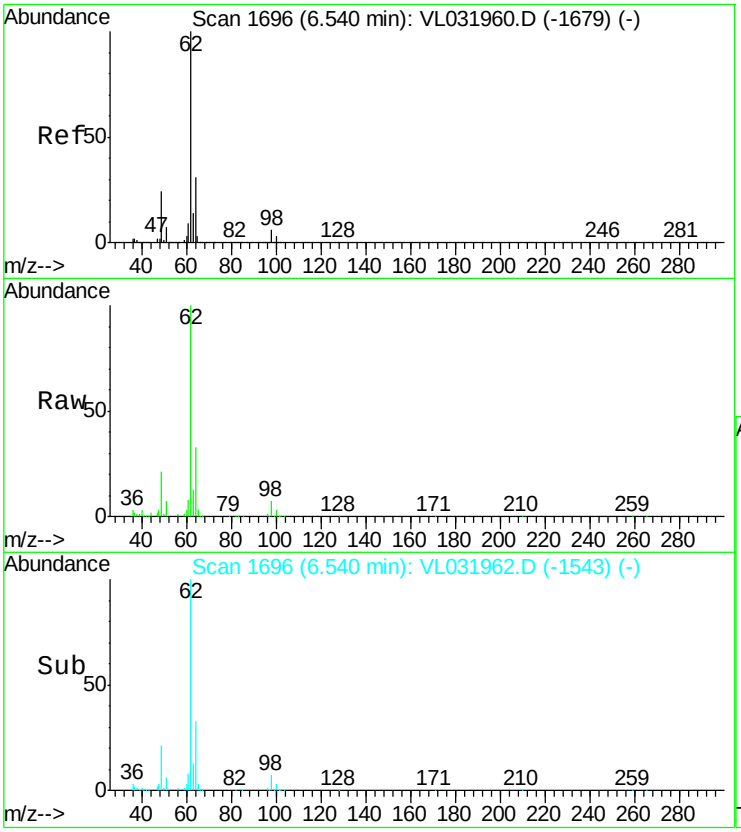


#36
Benzene
Concen: 1.06 ppbv
RT: 7.13 min Scan# 1881
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 78 Resp: 252146

Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.2	28.8
50	20.3	16.7	25.1

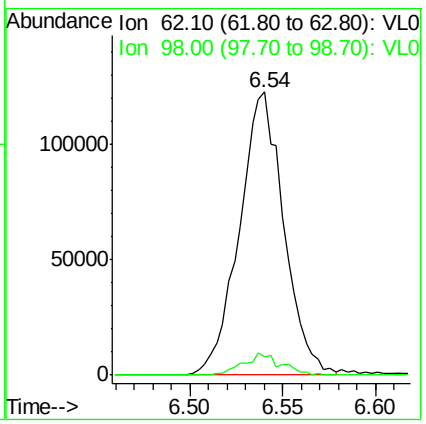




#37
1,2-Dichloroethane
Concen: 1.14 ppbv
RT: 6.54 min Scan# 1696
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

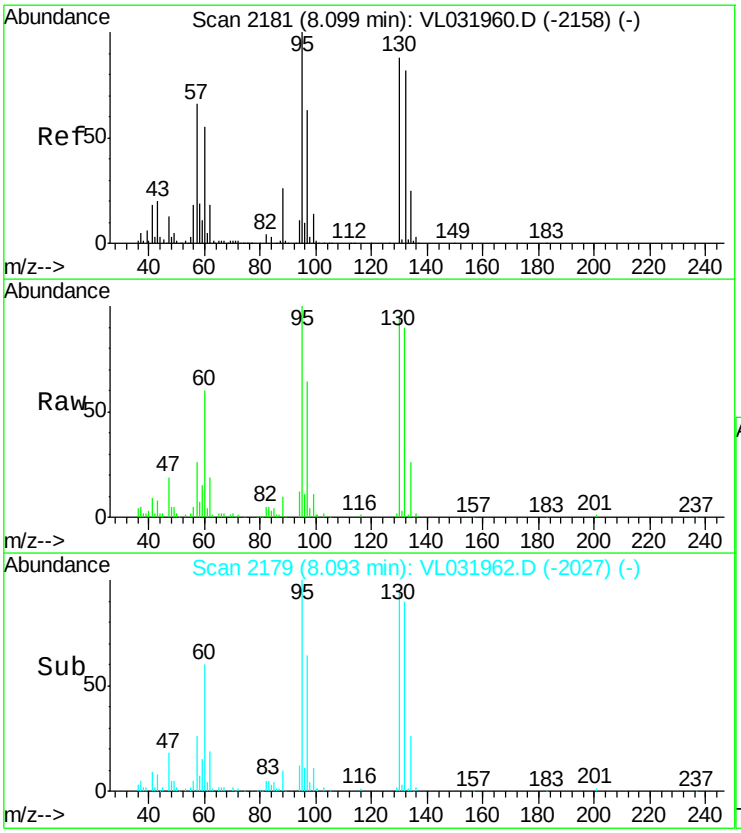
Tgt Ion: 62 Resp: 201987

Ion	Ratio	Lower	Upper
62	100		
98	6.8	4.0	6.0#



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

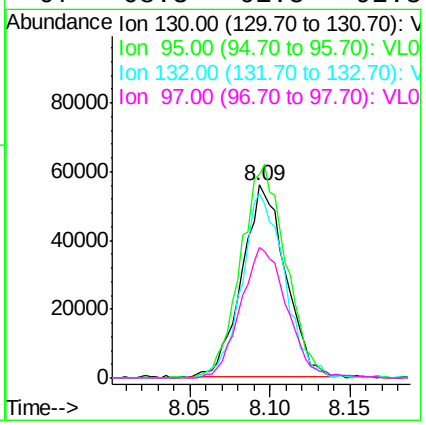
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

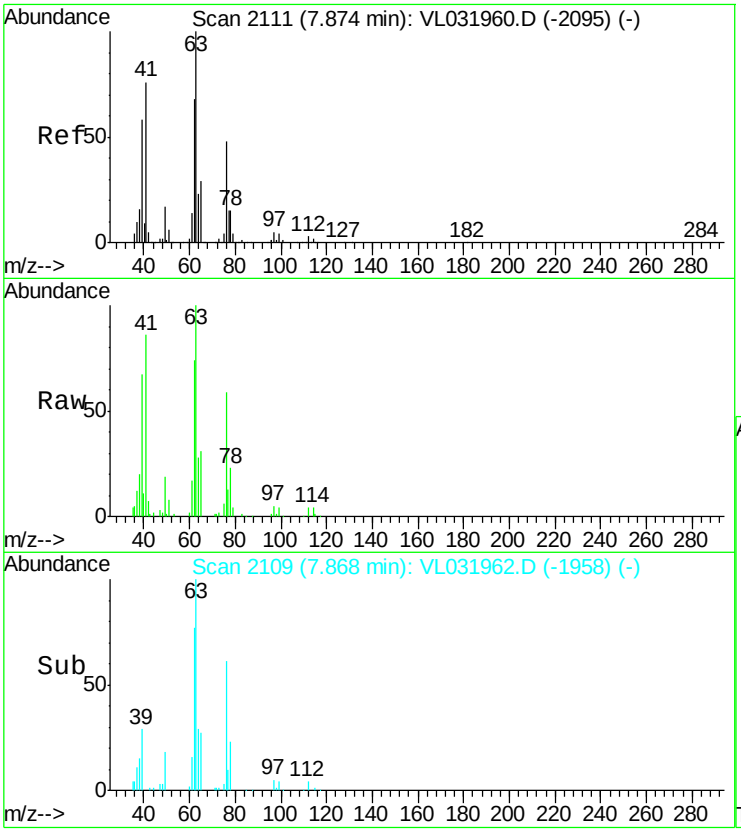


#38
Trichloroethene
Concen: 1.07 ppbv
RT: 8.09 min Scan# 2179
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:130 Resp: 103103

Ion	Ratio	Lower	Upper
130	100		
95	106.3	96.6	144.8
132	95.6	79.1	118.7
97	68.3	61.5	92.3

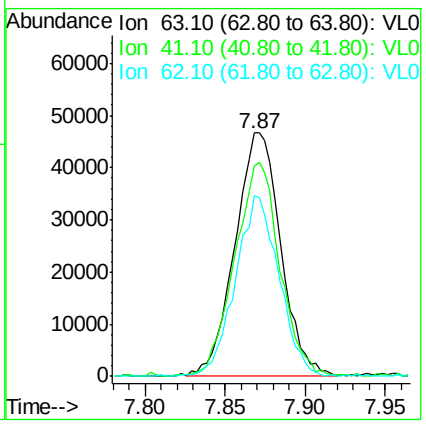




#39
1,2-Dichloropropane
Concen: 1.04 ppbv
RT: 7.87 min Scan# 2109
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

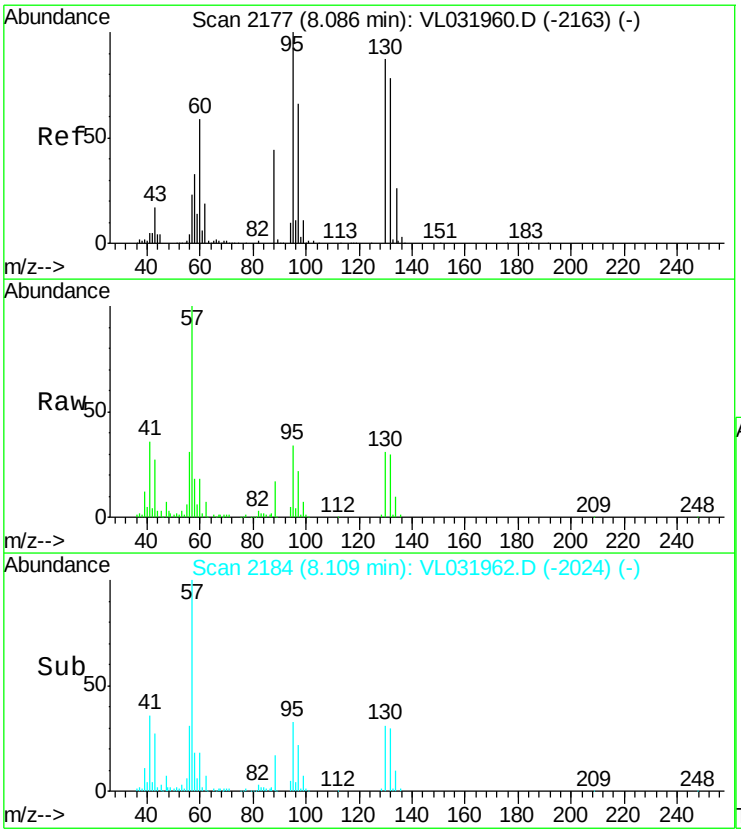
Tgt Ion: 63 Resp: 91466

Ion	Ratio	Lower	Upper
63	100		
41	85.8	65.8	98.6
62	74.4	55.0	82.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

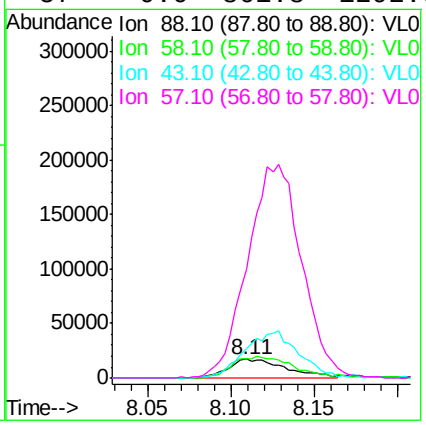
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

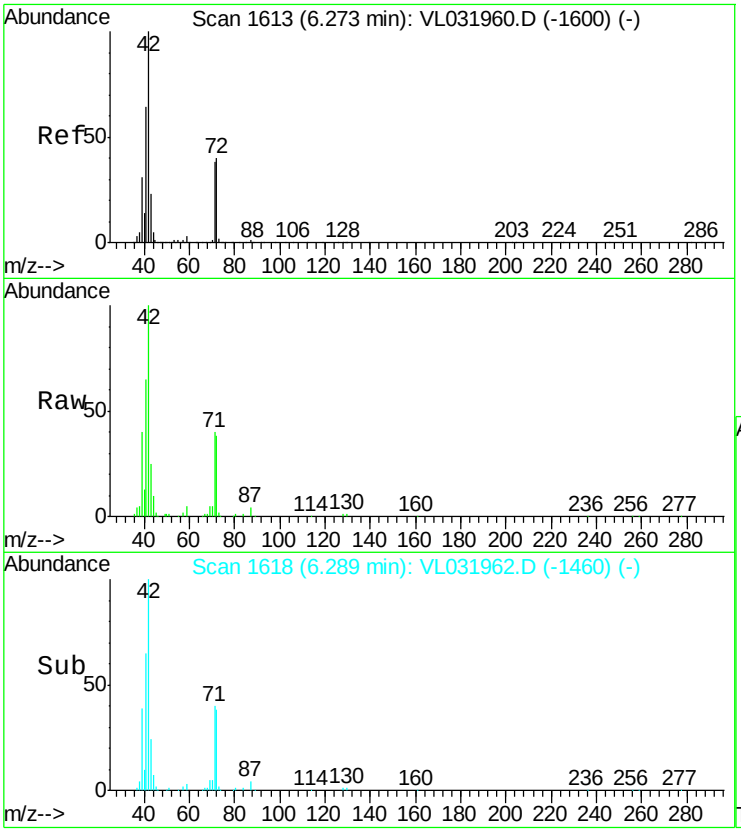


#40
1,4-Dioxane
Concen: 1.17 ppbv m
RT: 8.11 min Scan# 2184
Delta R.T. 0.02 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 88 Resp: 42012

Ion	Ratio	Lower	Upper
88	100		
58	0.0	98.5	147.7#
43	0.0	194.3	291.5#
57	0.0	861.8	1292.6#

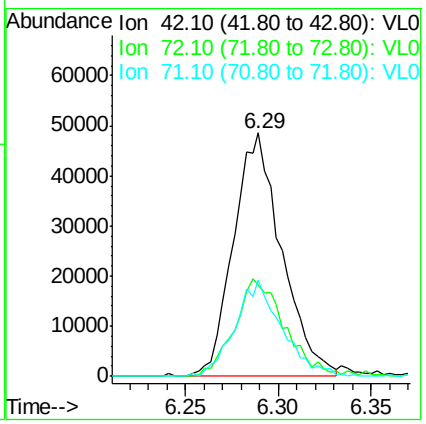




#41
Tetrahydrofuran
Concen: 1.03 ppbv
RT: 6.29 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

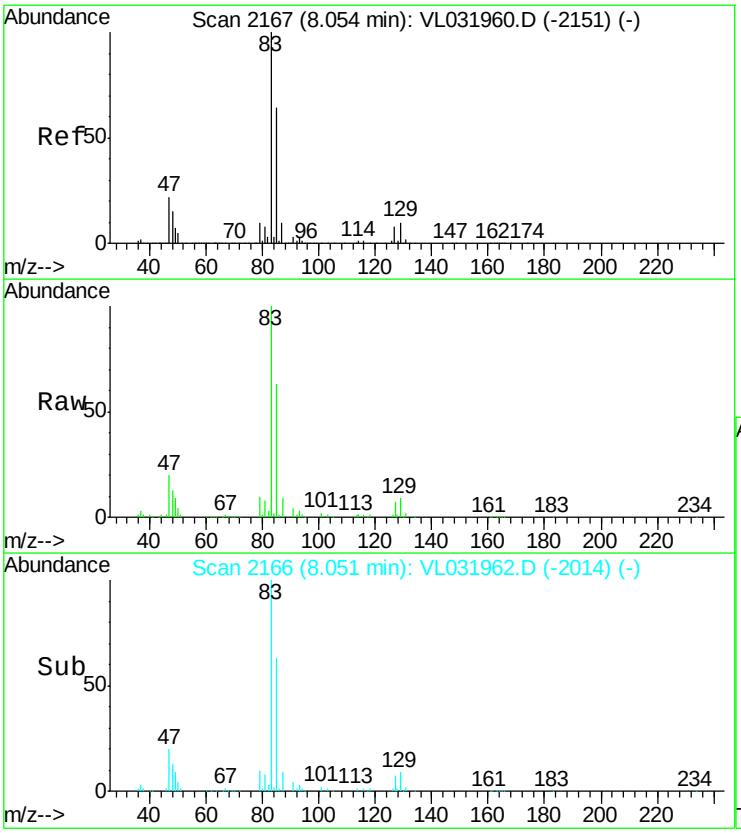
Tgt Ion: 42 Resp: 87750

Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.2	49.8
71	38.8	31.5	47.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

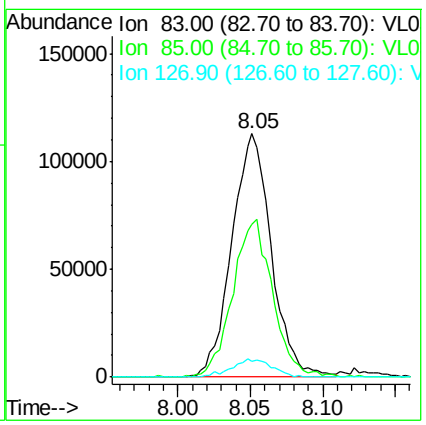
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

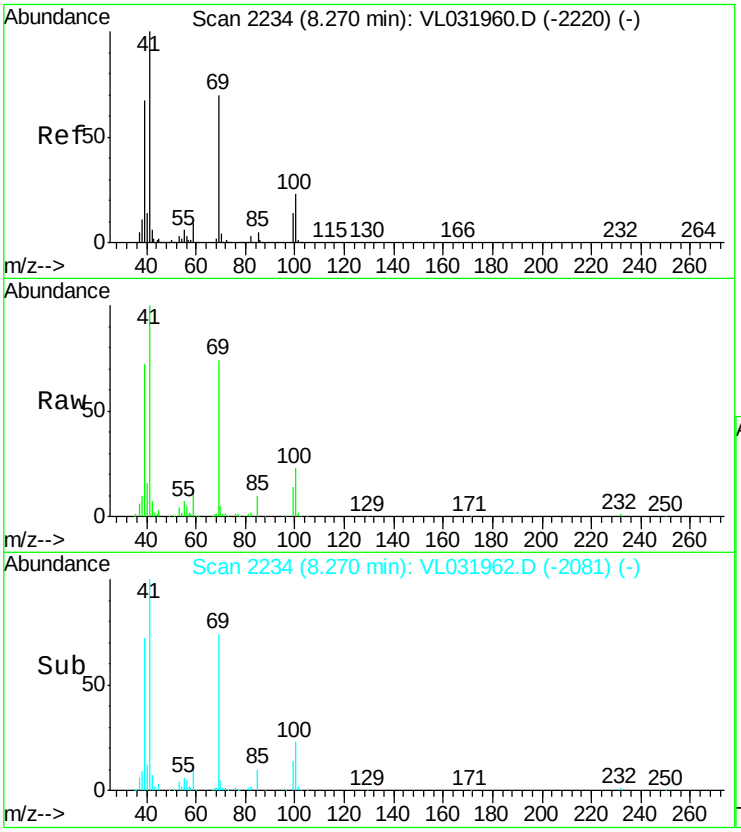


#42
Bromodichloromethane
Concen: 1.01 ppbv
RT: 8.05 min Scan# 2166
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 83 Resp: 214271

Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.5	75.7
127	6.7	6.0	9.0

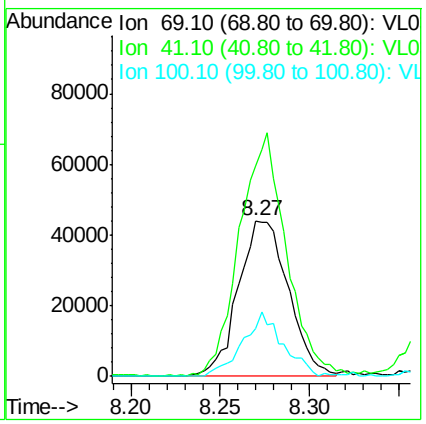




#43
Methyl Methacrylate
Concen: 1.03 ppbv
RT: 8.27 min Scan# 2234
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

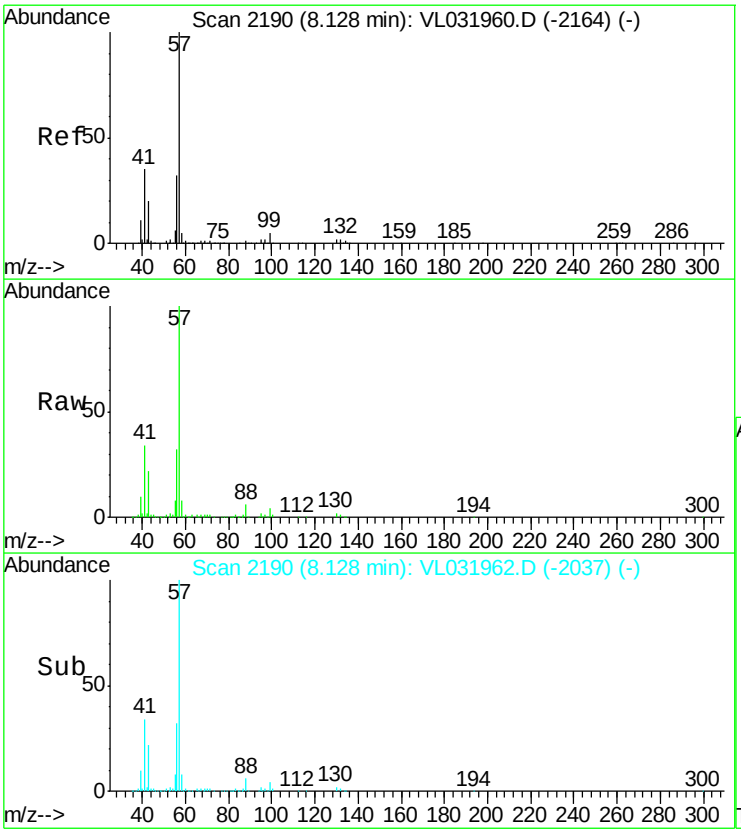
Tgt Ion: 69 Resp: 86430

Ion	Ratio	Lower	Upper
69	100		
41	146.2	117.8	176.8
100	33.1	24.6	37.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

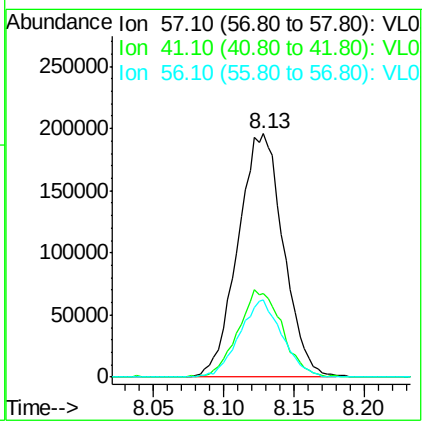
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

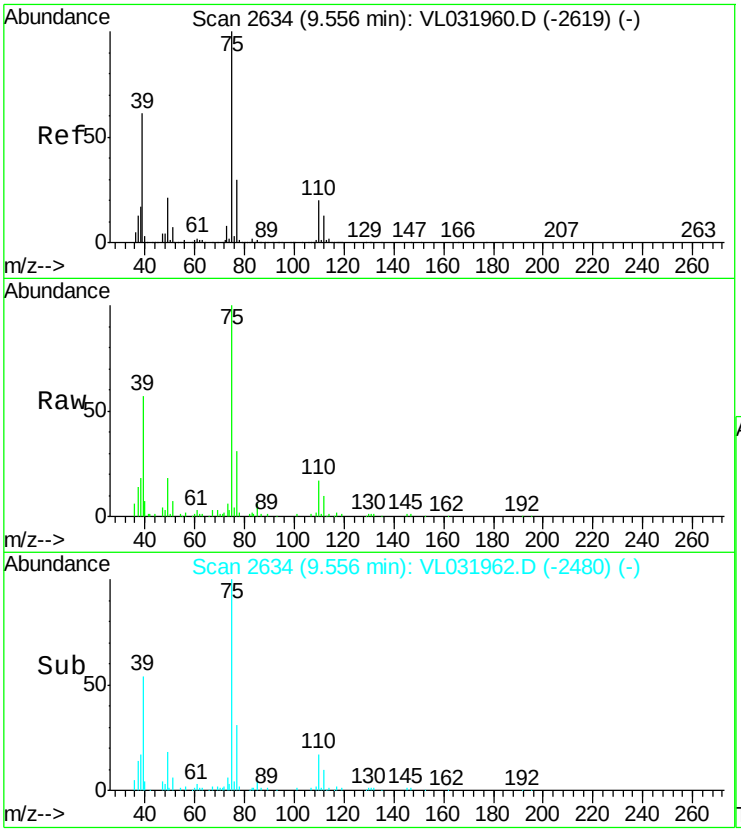


#44
2,2,4-Trimethylpentane
Concen: 1.08 ppbv
RT: 8.13 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 57 Resp: 441299

Ion	Ratio	Lower	Upper
57	100		
41	34.8	27.0	40.6
56	30.0	24.1	36.1

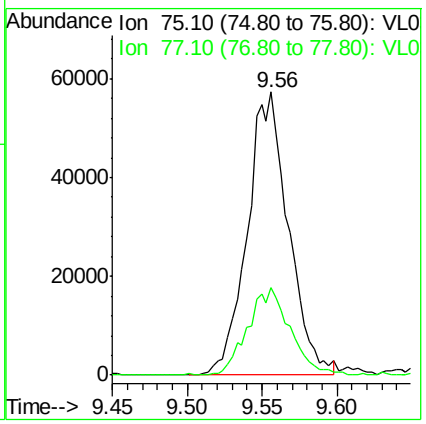




#45
t-1,3-Dichloropropene
Concen: 1.00 ppbv m
RT: 9.56 min Scan# 2634
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

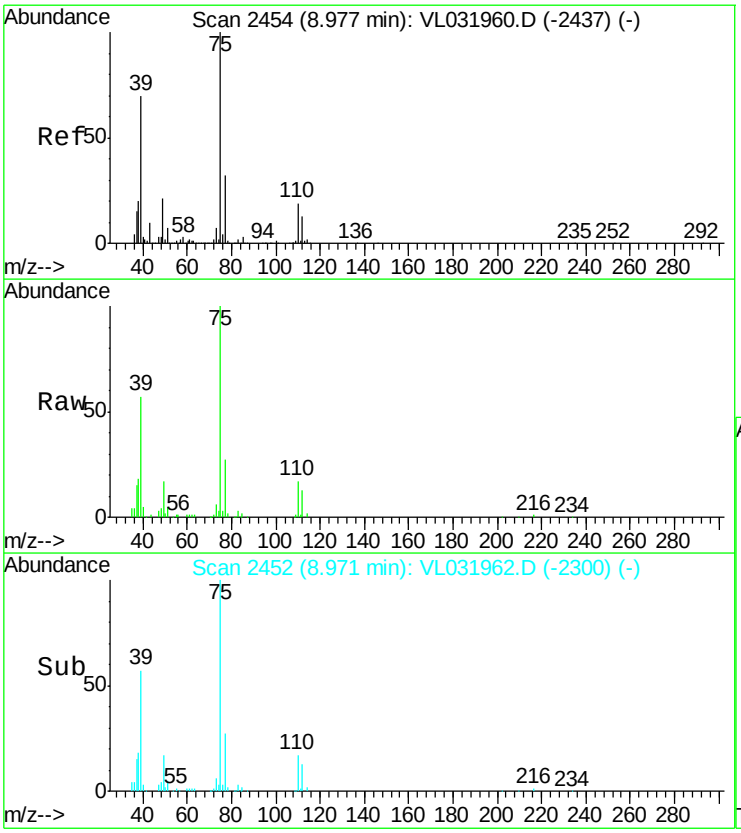
Tgt Ion: 75 Resp: 108750

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.1	37.7



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

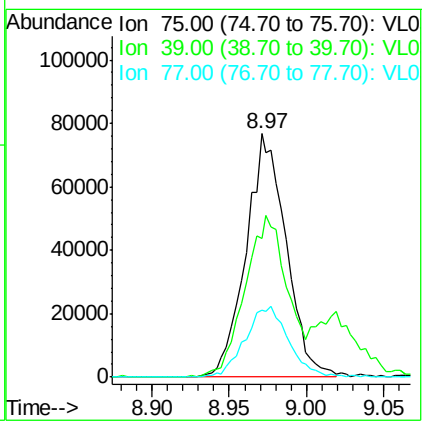
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

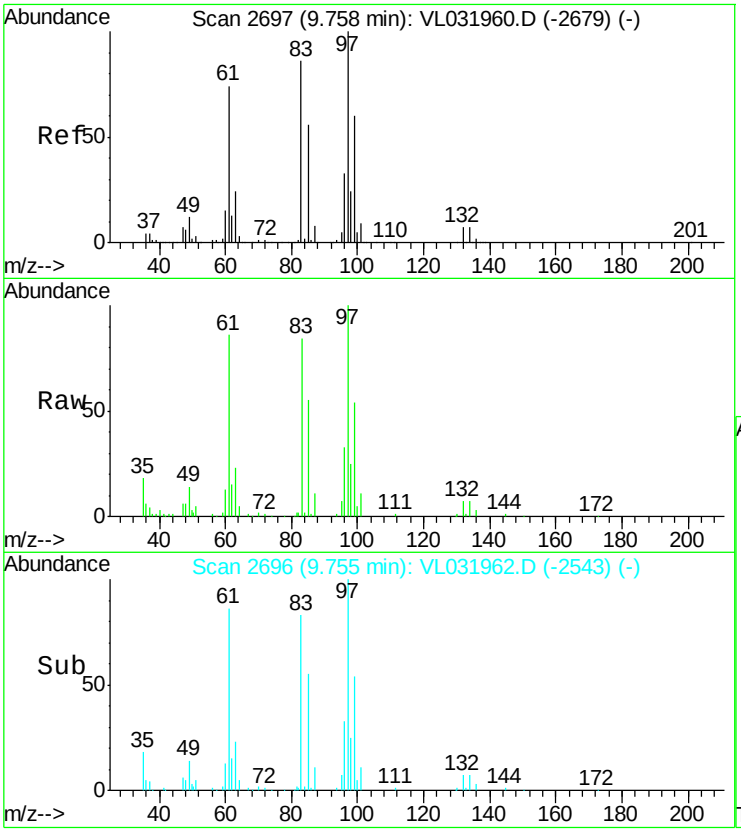


#46
cis-1,3-Dichloropropene
Concen: 1.00 ppbv
RT: 8.97 min Scan# 2452
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 75 Resp: 138650

Ion	Ratio	Lower	Upper
75	100		
39	56.5	58.6	87.8#
77	27.3	26.8	40.2

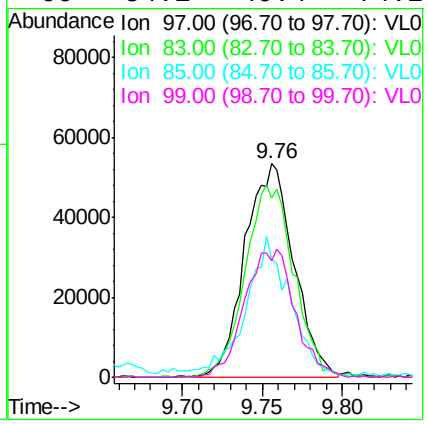




#47
1,1,2-Trichloroethane
Concen: 1.07 ppbv
RT: 9.76 min Scan# 2696
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

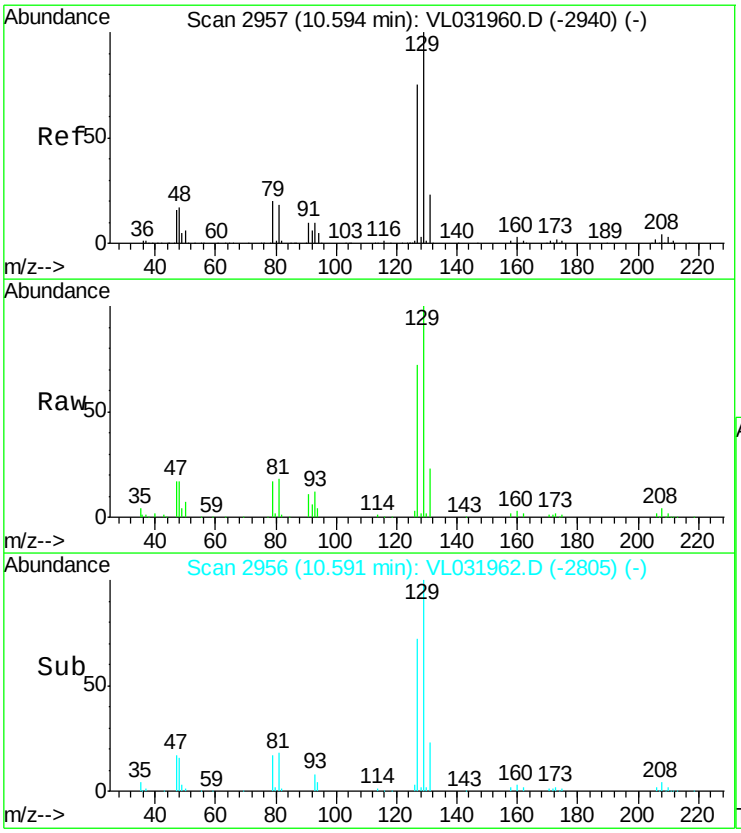
Tgt Ion: 97 Resp: 111860

Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.1	103.7
85	53.9	43.7	65.5
99	54.1	49.4	74.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

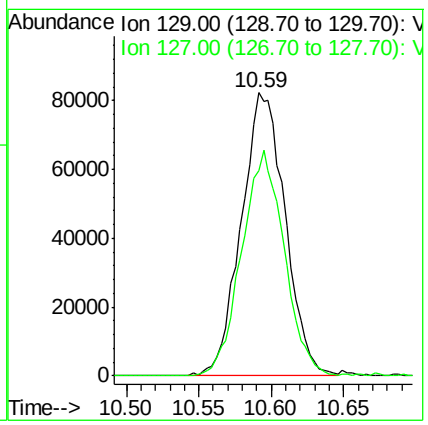
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

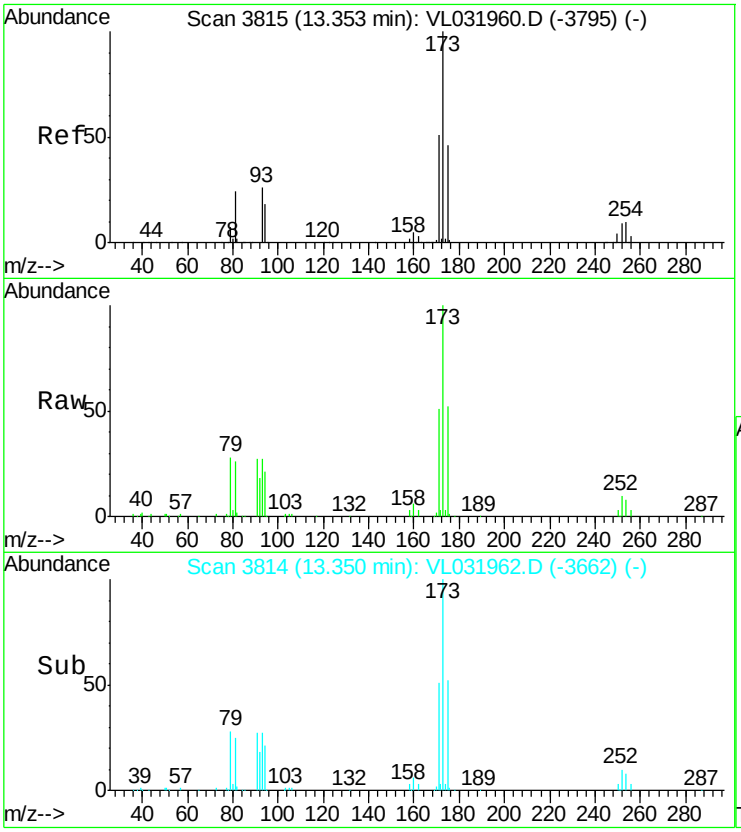


#48
Dibromochloromethane
Concen: 1.02 ppbv
RT: 10.59 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:129 Resp: 173173

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.5

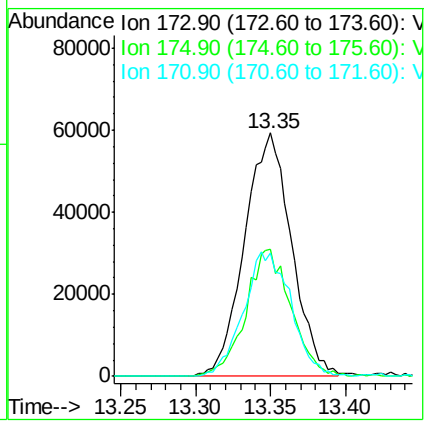




#49
Bromoform
Concen: 0.99 ppbv
RT: 13.35 min Scan# 3814
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

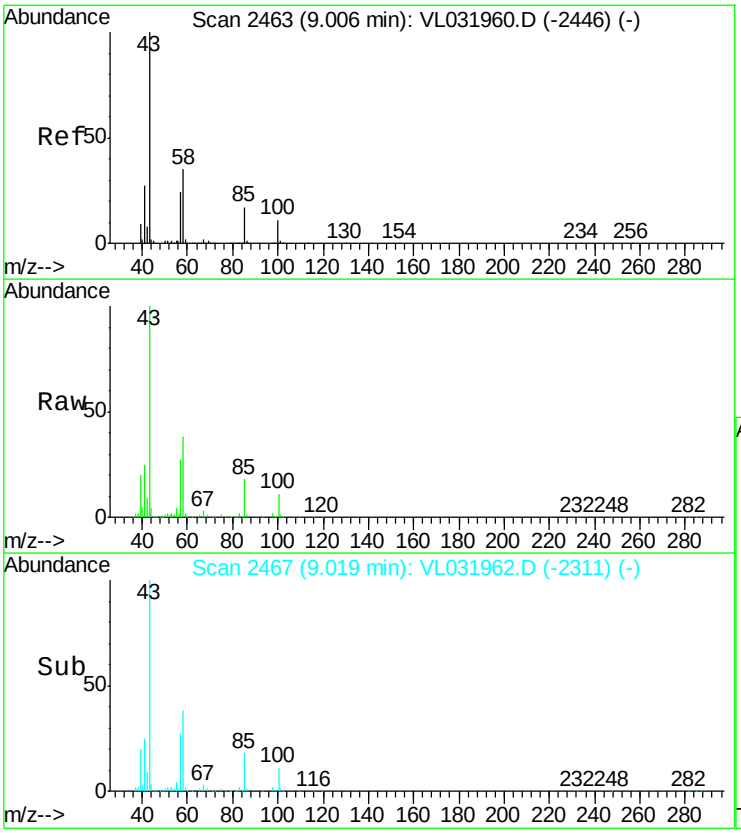
Tgt Ion:173 Resp: 129819

Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.0	58.6
171	52.0	41.4	62.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

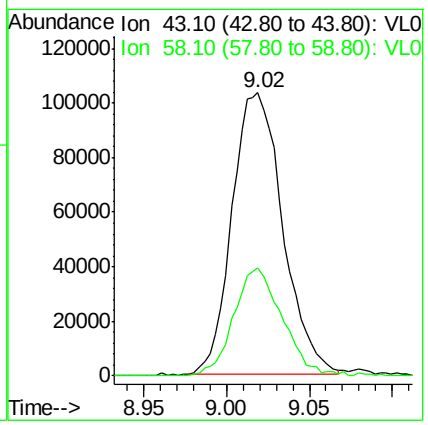
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

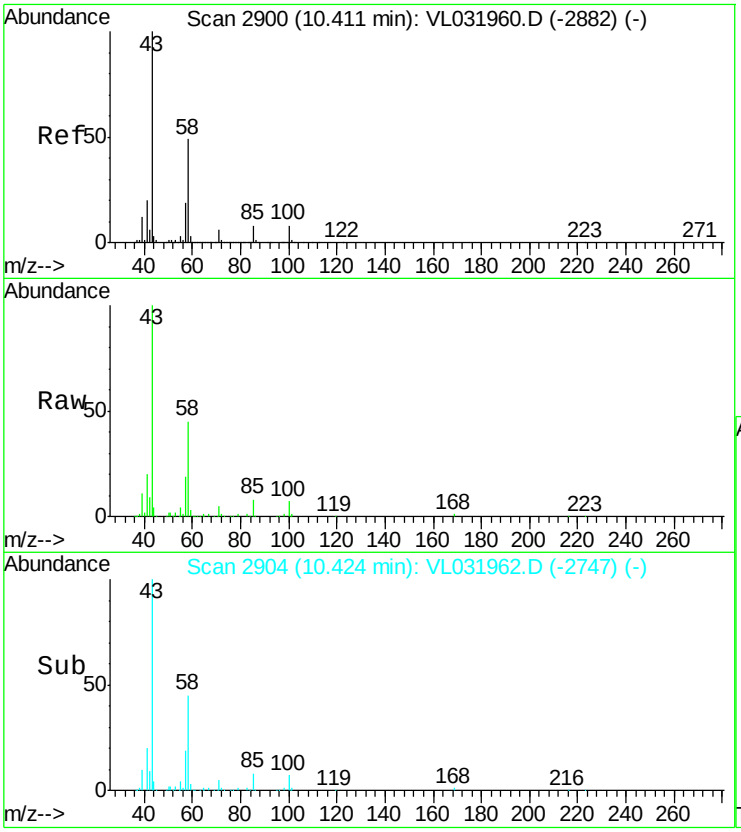


#50
4-Methyl-2-Pentanone
Concen: 1.04 ppbv
RT: 9.02 min Scan# 2467
Delta R.T. 0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 43 Resp: 218839

Ion	Ratio	Lower	Upper
43	100		
58	37.2	28.6	43.0





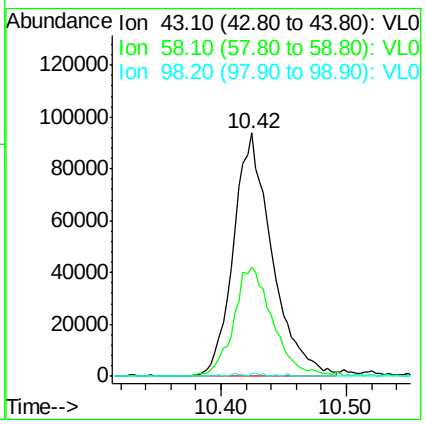
#51
2-Hexanone
Concen: 1.10 ppbv
RT: 10.42 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

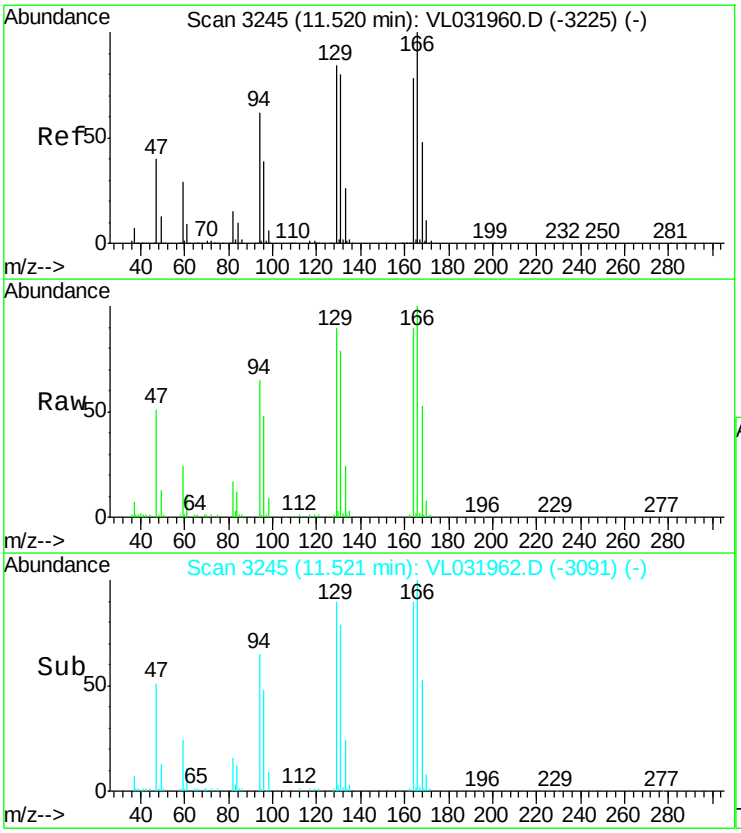
Tgt Ion: 43 Resp: 200988

Ion	Ratio	Lower	Upper
43	100		
58	45.7	38.5	57.7
98	1.1	0.2	0.4#

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

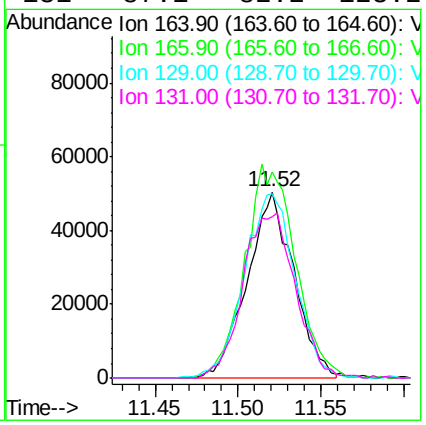


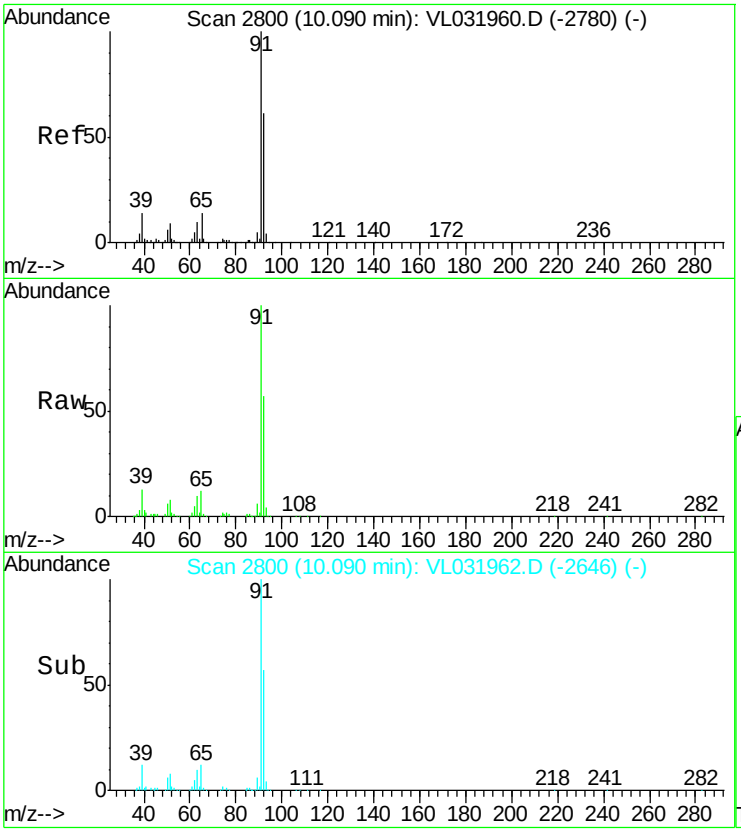


#52
Tetrachloroethene
Concen: 1.06 ppbv
RT: 11.52 min Scan# 3245
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:164 Resp: 98463

Ion	Ratio	Lower	Upper
164	100		
166	110.7	98.2	147.4
129	98.3	86.5	129.7
131	87.1	82.2	123.2





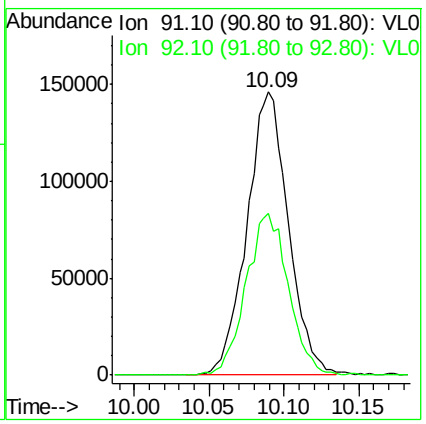
#53
Toluene
Concen: 1.06 ppbv
RT: 10.09 min Scan# 2800
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

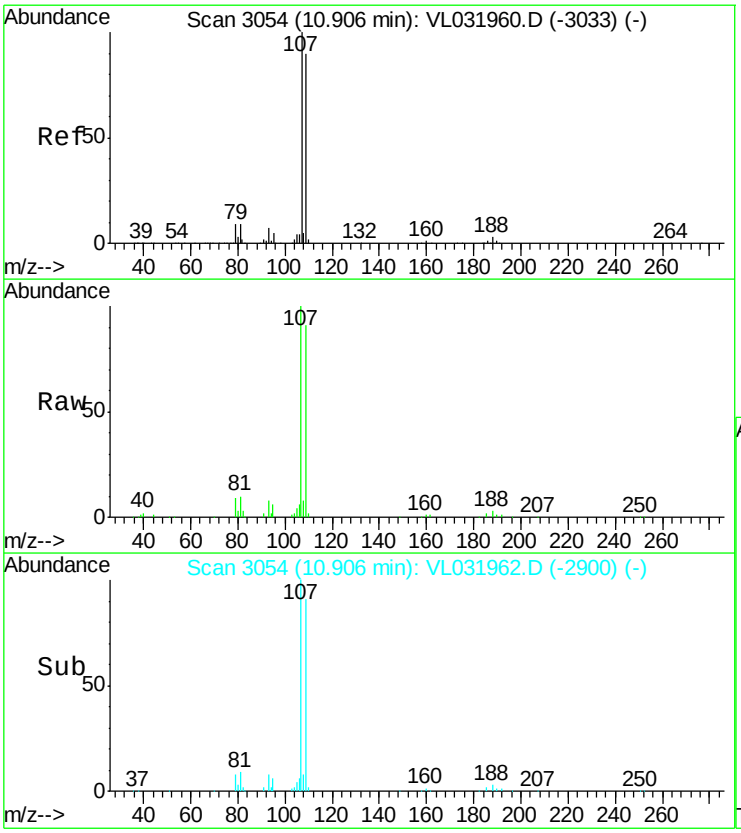
Tgt Ion: 91 Resp: 281222

Ion	Ratio	Lower	Upper
91	100		
92	58.8	47.4	71.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

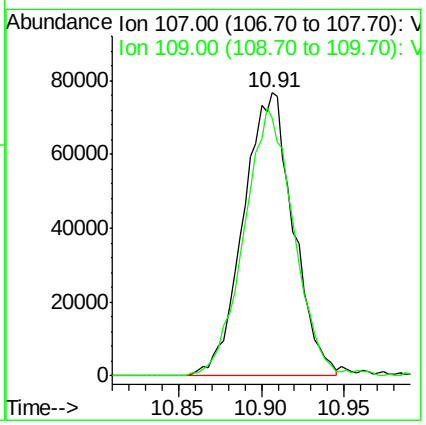


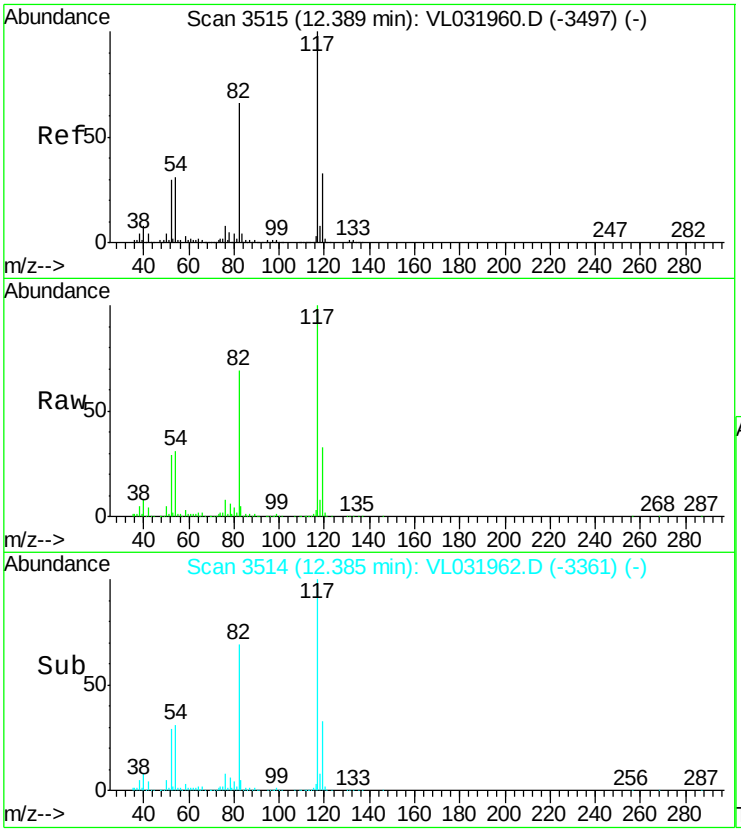


#54
1,2-Dibromoethane
Concen: 1.05 ppbv
RT: 10.91 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:107 Resp: 159884

Ion	Ratio	Lower	Upper
107	100		
109	91.1	74.6	112.0

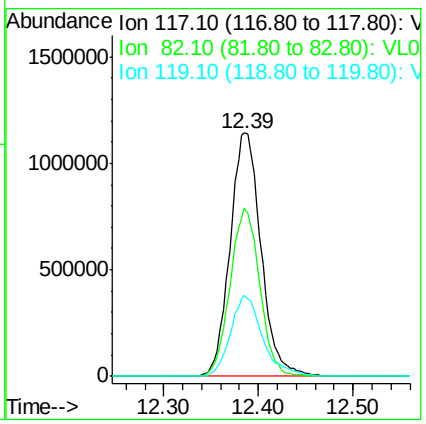




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

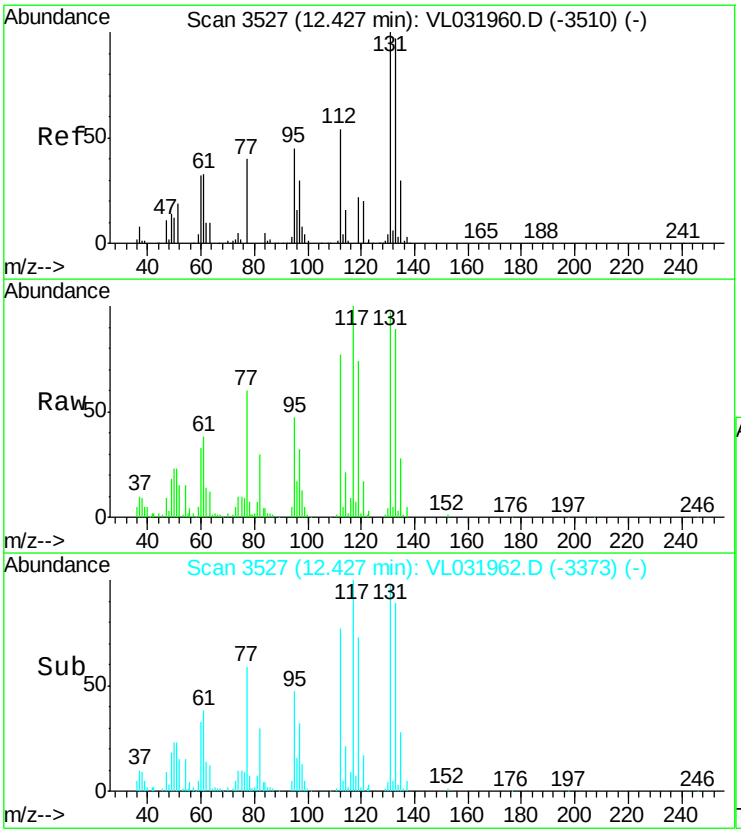
Tgt Ion:117 Resp: 2594115

Ion	Ratio	Lower	Upper
117	100		
82	66.0	54.6	81.8
119	34.5	26.0	39.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

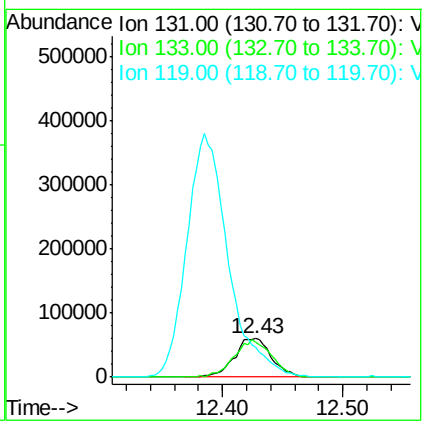
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

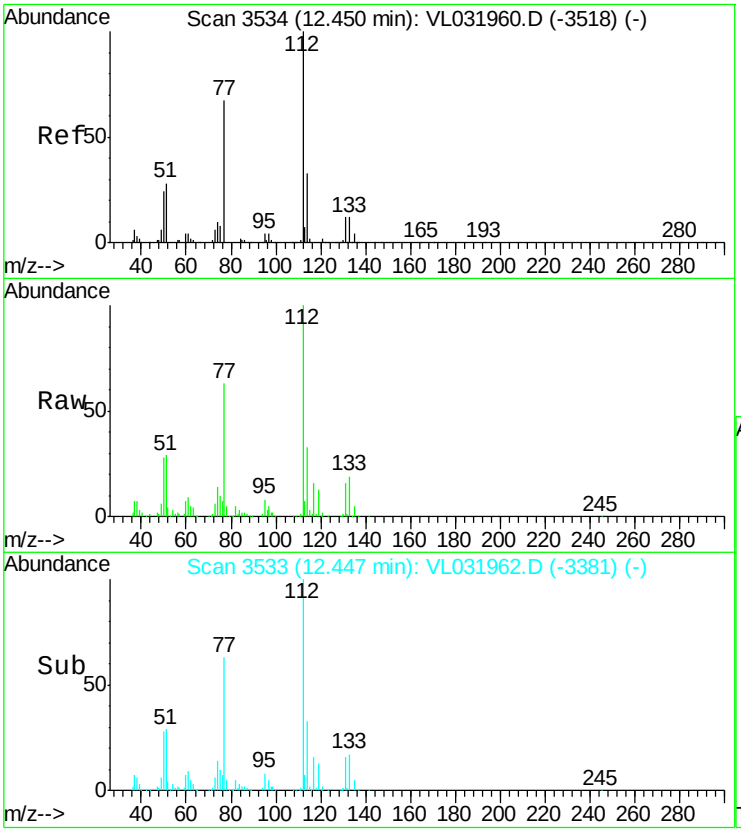


#56
1,1,1,2-Tetrachloroethane
Concen: 1.07 ppbv m
RT: 12.43 min Scan# 3527
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:131 Resp: 130922

Ion	Ratio	Lower	Upper
131	100		
133	97.0	76.1	114.1
119	0.0	106.3	159.5#

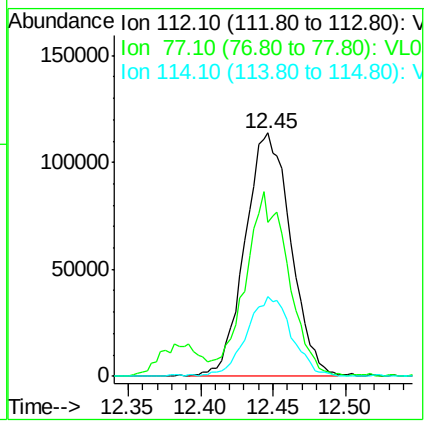




#57
Chlorobenzene
Concen: 1.12 ppbv
RT: 12.45 min Scan# 3533
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

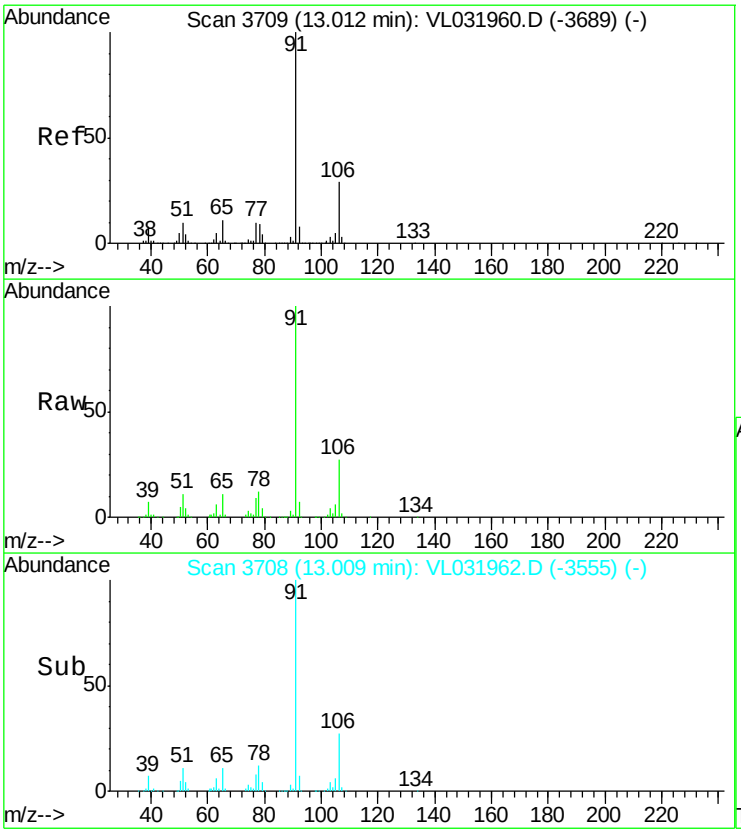
Tgt Ion:112 Resp: 247361

Ion	Ratio	Lower	Upper
112	100		
77	62.6	57.0	85.6
114	32.7	28.5	34.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

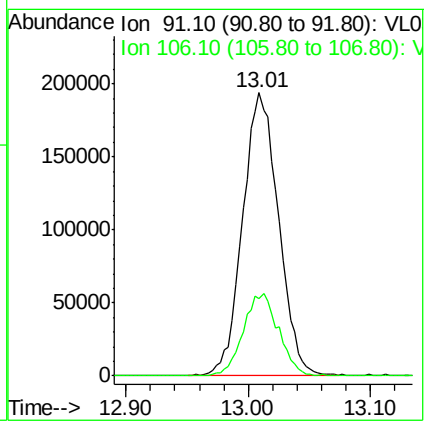
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

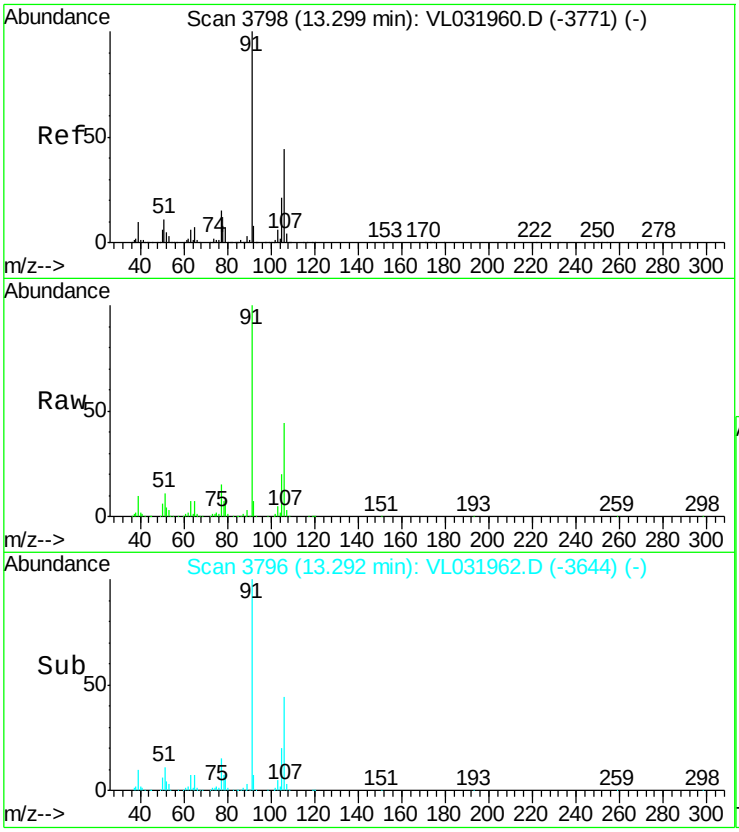


#58
Ethyl Benzene
Concen: 1.09 ppbv
RT: 13.01 min Scan# 3708
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 91 Resp: 392716

Ion	Ratio	Lower	Upper
91	100		
106	27.4	23.8	35.6

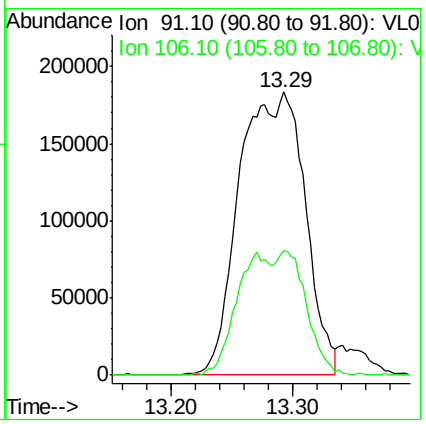




#59
m/p-Xylene
Concen: 2.20 ppbv m
RT: 13.29 min Scan# 3796
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

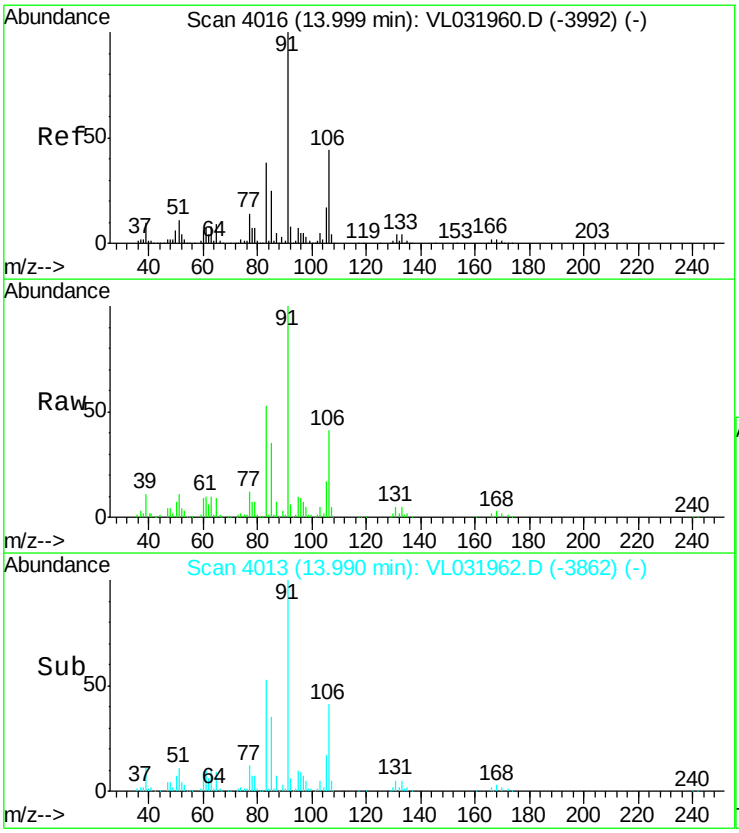
Tgt Ion: 91 Resp: 688091

Ion	Ratio	Lower	Upper
91	100		
106	43.9	35.5	53.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

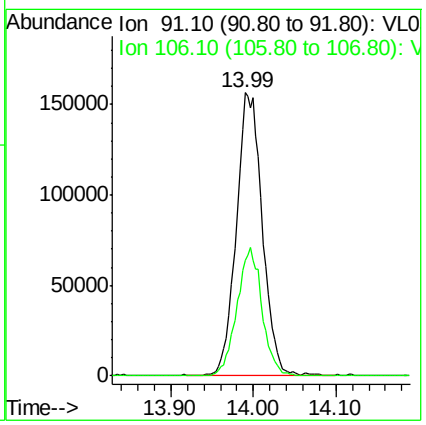
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

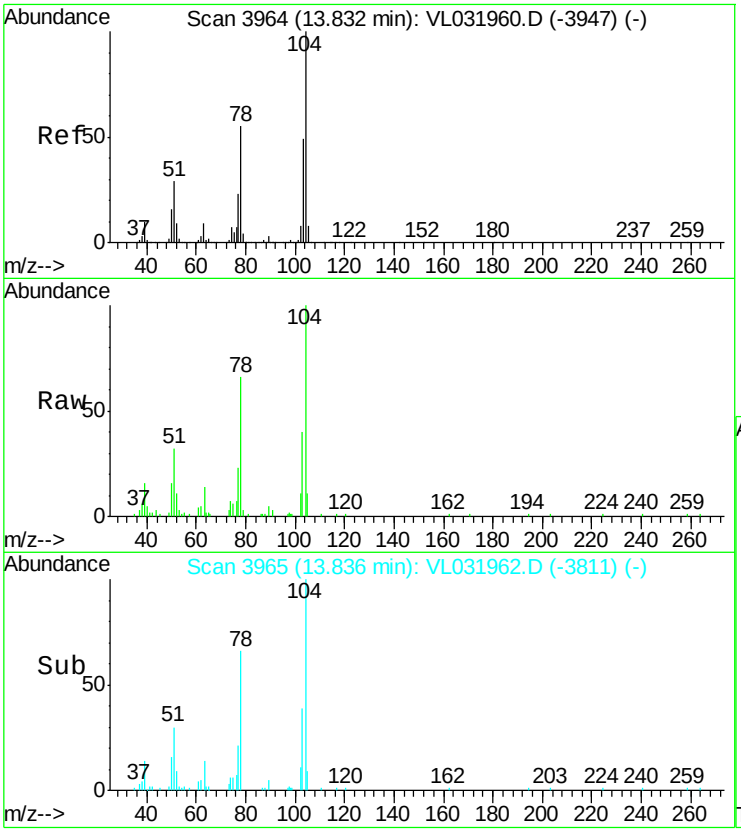


#60
o-Xylene
Concen: 1.11 ppbv m
RT: 13.99 min Scan# 4013
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 91 Resp: 346011

Ion	Ratio	Lower	Upper
91	100		
106	43.5	21.3	63.9

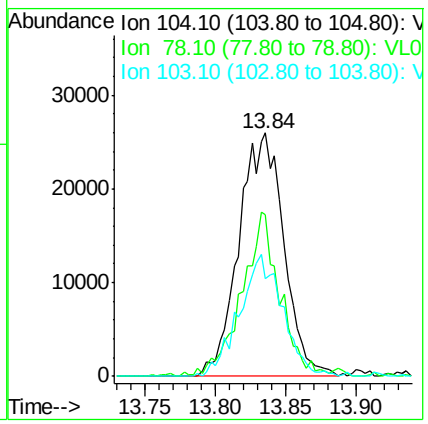




#61
Stvrene
Concen: 0.96 ppbv m
RT: 13.84 min Scan# 3965
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

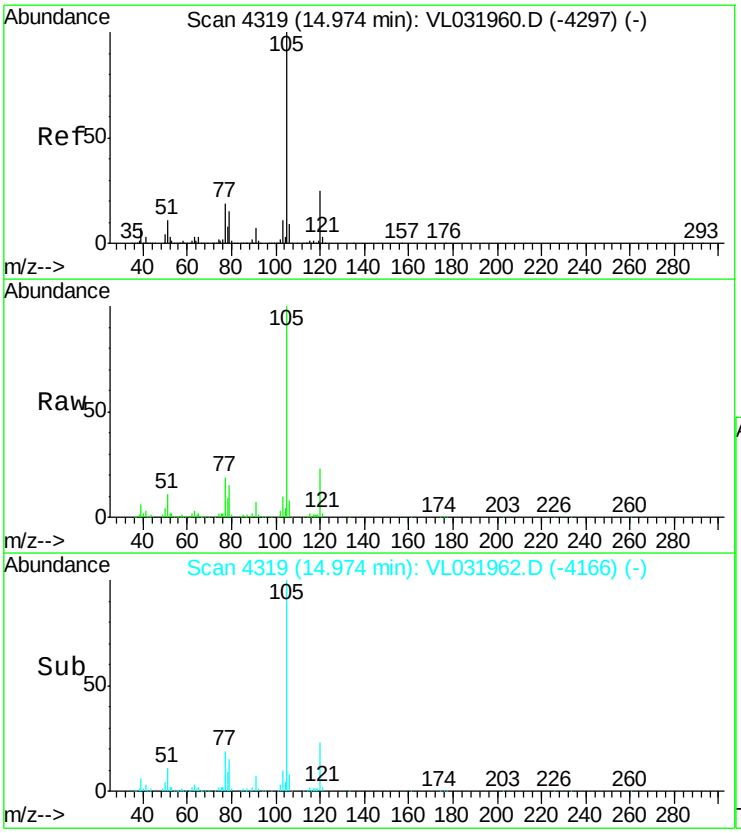
Tgt Ion:104 Resp: 57413

Ion	Ratio	Lower	Upper
104	100		
78	58.7	44.4	66.6
103	48.3	37.9	56.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

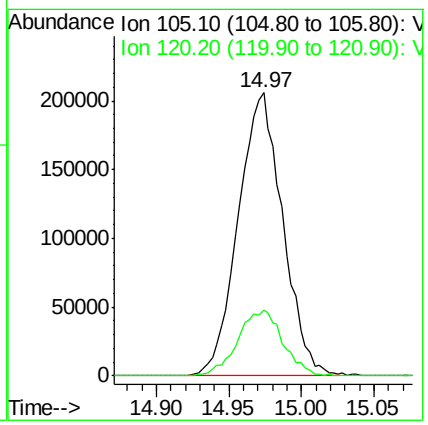
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

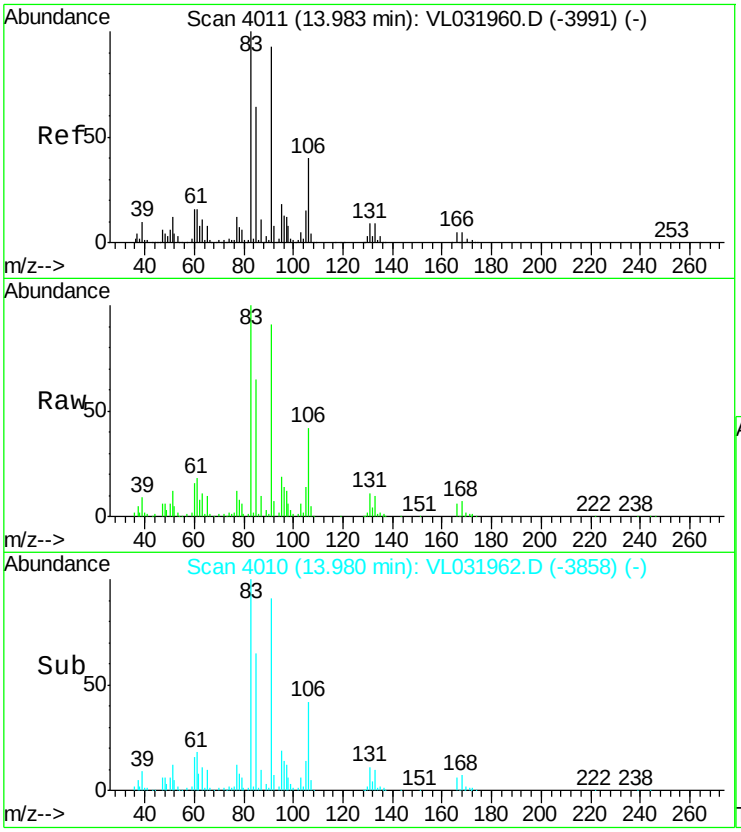


#62
Isopropylbenzene
Concen: 1.08 ppbv
RT: 14.97 min Scan# 4319
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:105 Resp: 435476

Ion	Ratio	Lower	Upper
105	100		
120	23.8	19.4	29.2

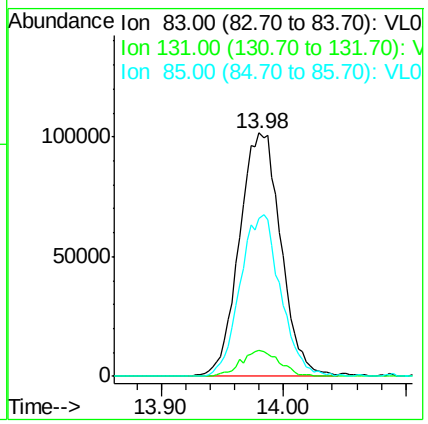




#63
1,1,2,2-Tetrachloroethane
Concen: 0.99 ppbv
RT: 13.98 min Scan# 4010
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

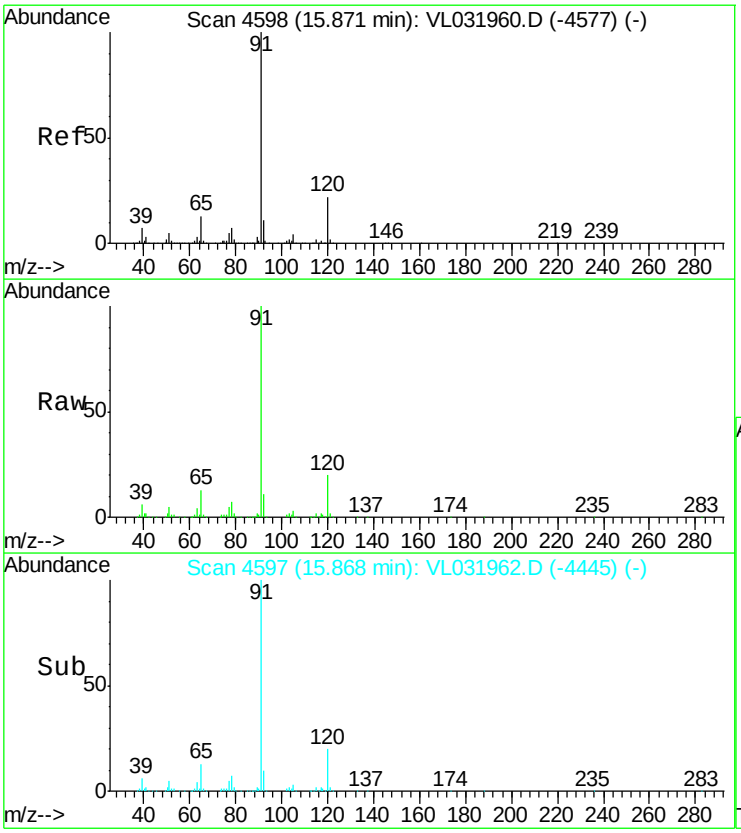
Tgt Ion: 83 Resp: 238979

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	64.6	32.2	96.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

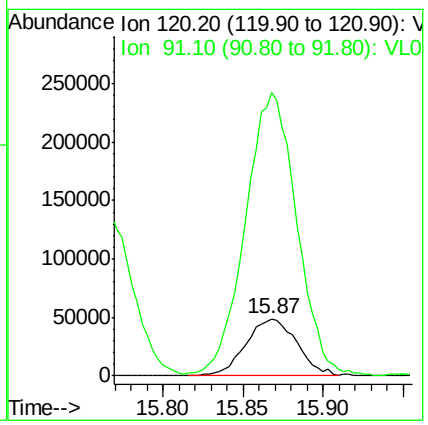
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

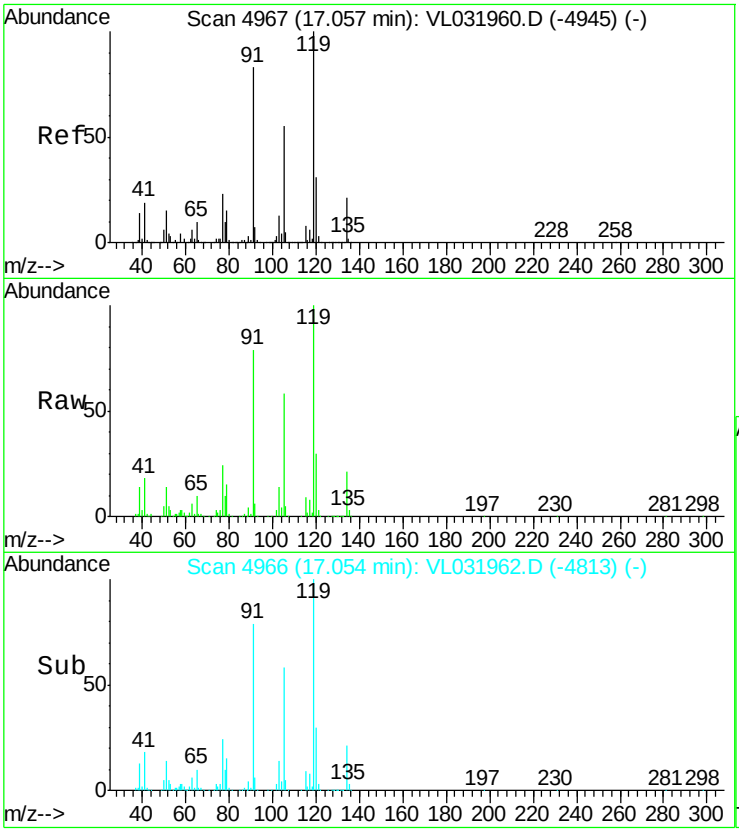


#64
n-propylbenzene
Concen: 1.10 ppbv
RT: 15.87 min Scan# 4597
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:120 Resp: 107434

Ion	Ratio	Lower	Upper
120	100		
91	499.4	393.7	590.5

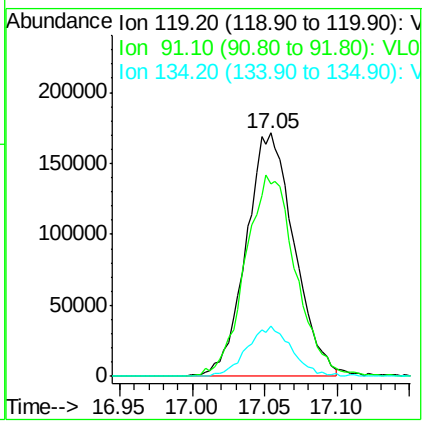




#65
tert-Butylbenzene
Concen: 1.14 ppbv
RT: 17.05 min Scan# 4966
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

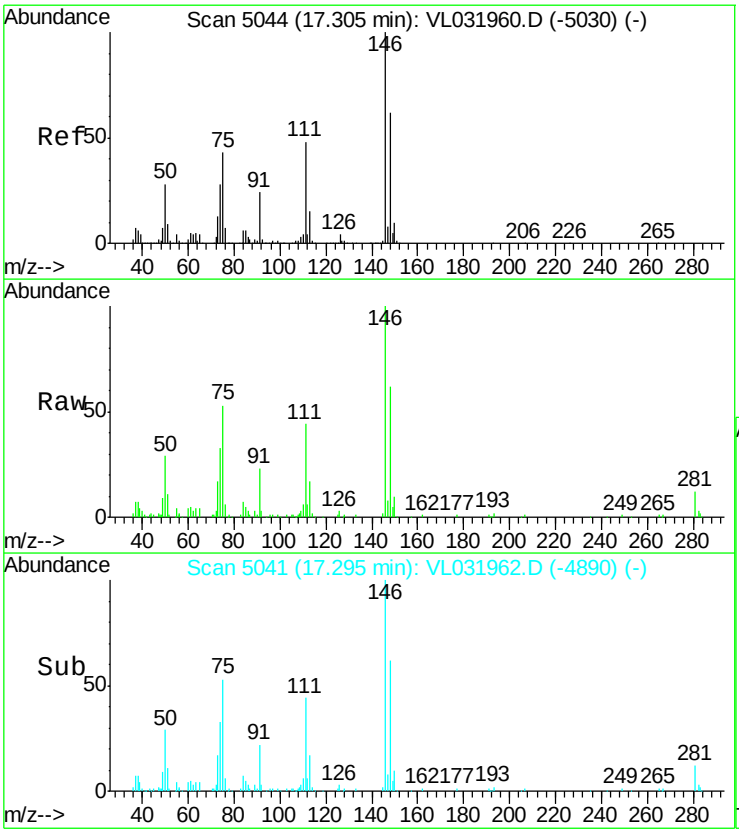
Tgt Ion:119 Resp: 394017

Ion	Ratio	Lower	Upper
119	100		
91	87.7	69.4	104.0
134	19.4	15.4	23.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

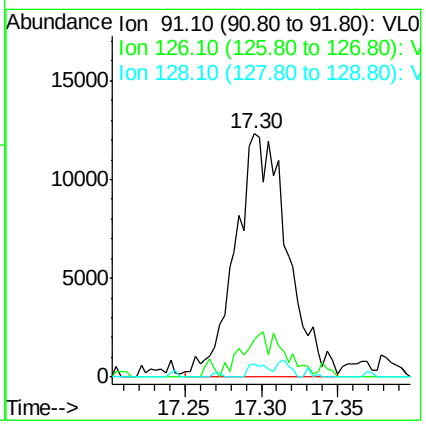
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

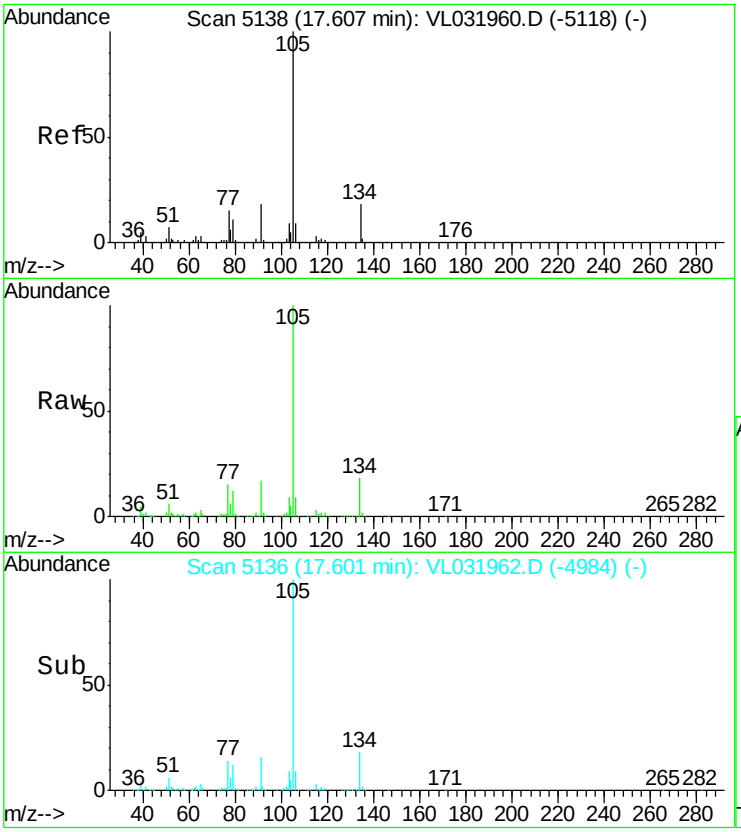


#66
Benzyl Chloride
Concen: 0.94 ppbv m
RT: 17.30 min Scan# 5041
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 91 Resp: 29188

Ion	Ratio	Lower	Upper
91	100		
126	17.2	12.6	19.0
128	4.4	4.0	6.0





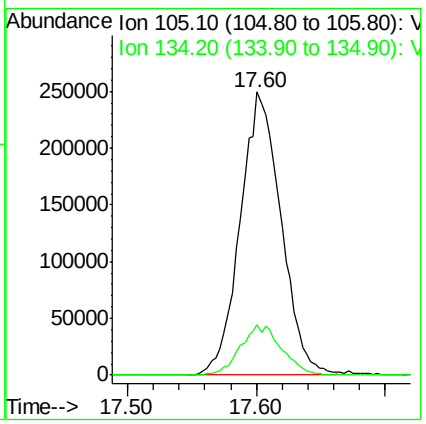
#67
sec-Butylbenzene
Concen: 1.10 ppbv
RT: 17.60 min Scan# 5136
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

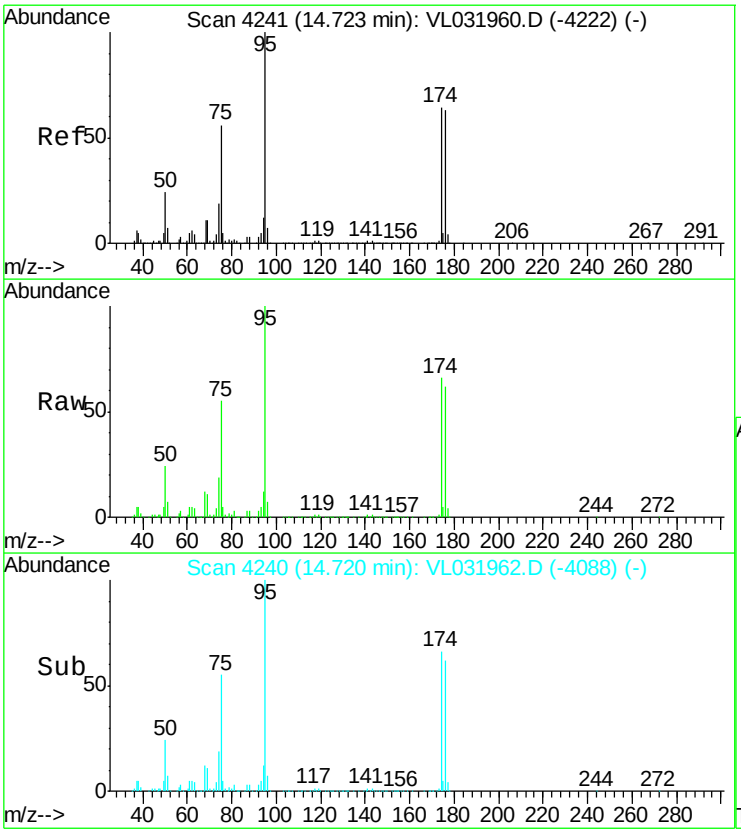
Tgt Ion:105 Resp: 546803

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.2	21.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

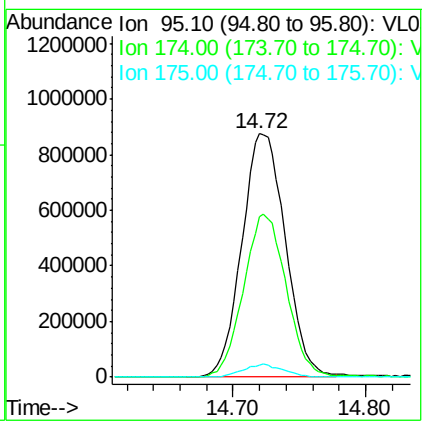


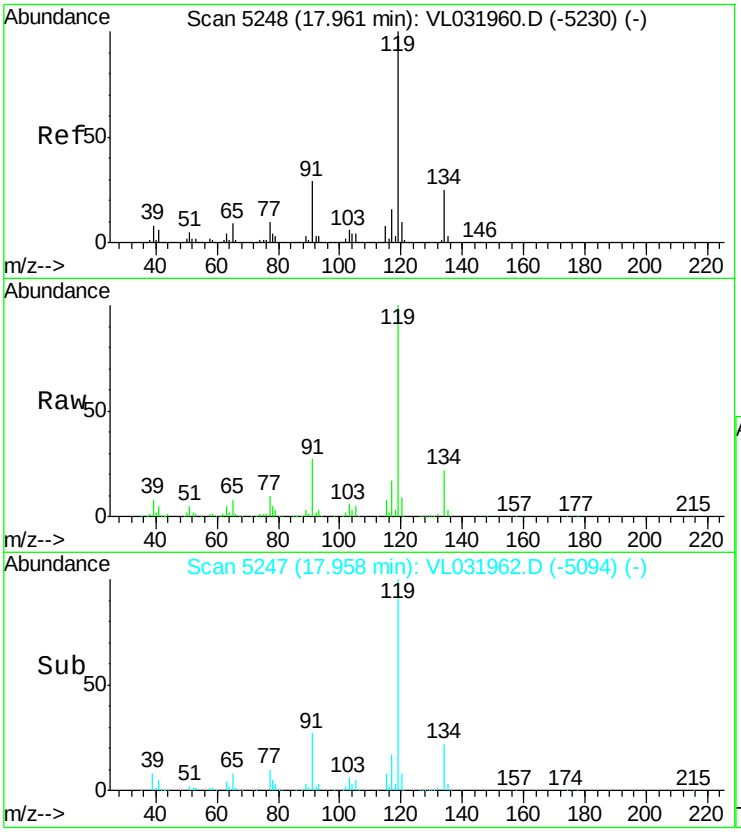


#68
1-Bromo-4-Fluorobenzene
Concen: 9.56 ppbv
RT: 14.72 min Scan# 4240
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 95 Resp: 1994080

Ion	Ratio	Lower	Upper
95	100		
174	66.1	52.3	78.5
175	5.0	3.9	5.9

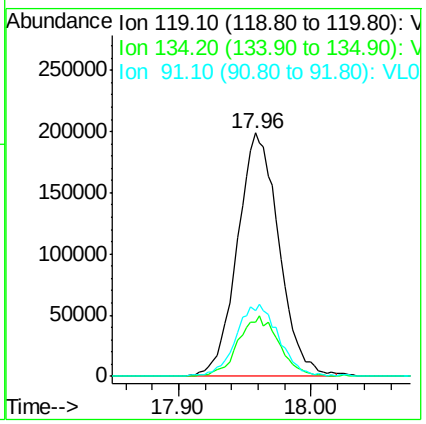




#69
p-Isopropyltoluene
Concen: 1.12 ppbv
RT: 17.96 min Scan# 5247
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

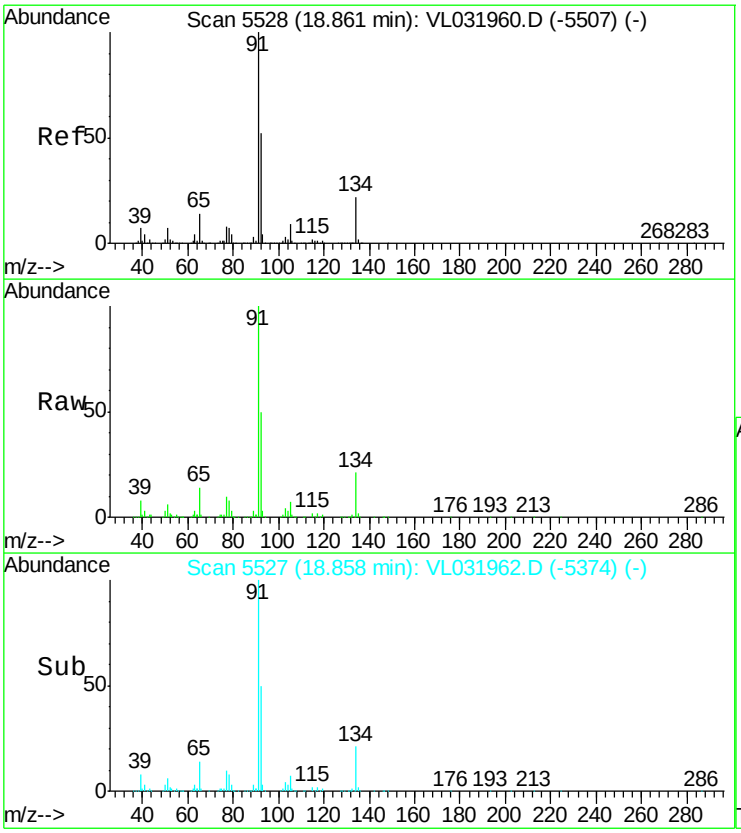
Tgt Ion:119 Resp: 430257

Ion	Ratio	Lower	Upper
119	100		
134	24.5	20.0	30.0
91	30.8	24.9	37.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

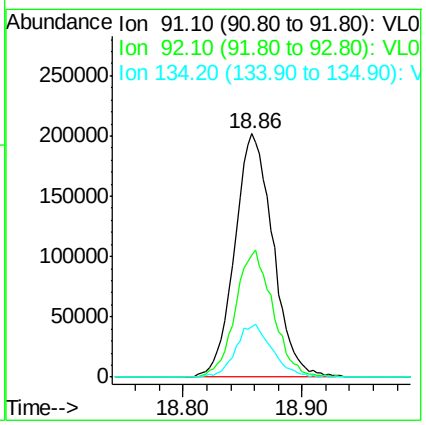
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

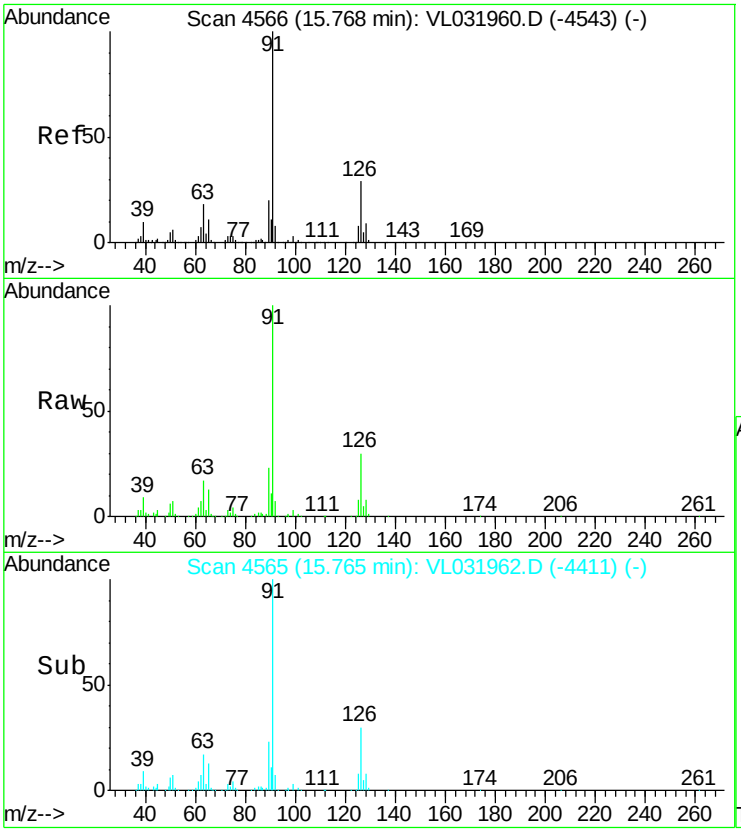


#70
n-Butylbenzene
Concen: 1.12 ppbv
RT: 18.86 min Scan# 5527
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion: 91 Resp: 450524

Ion	Ratio	Lower	Upper
91	100		
92	51.1	42.2	63.4
134	20.6	17.4	26.0

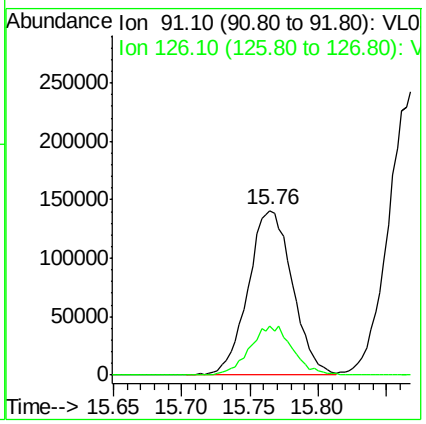




#71
2-Chlorotoluene
Concen: 1.09 ppbv
RT: 15.76 min Scan# 4565
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

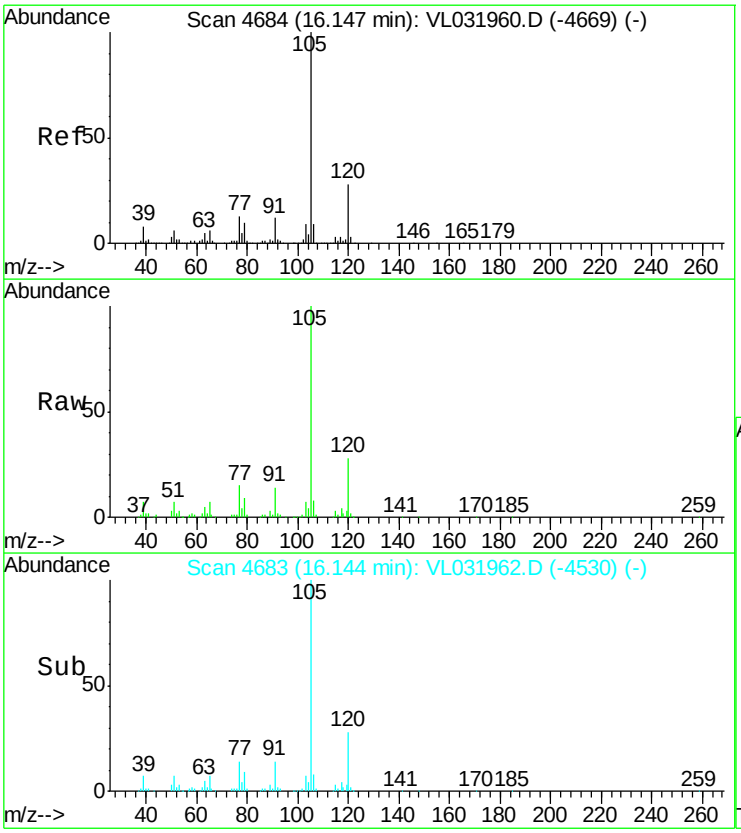
Tgt Ion: 91 Resp: 316875

Ion	Ratio	Lower	Upper
91	100		
126	28.9	11.6	46.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

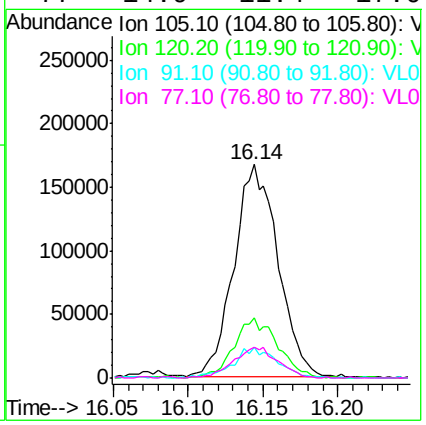
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

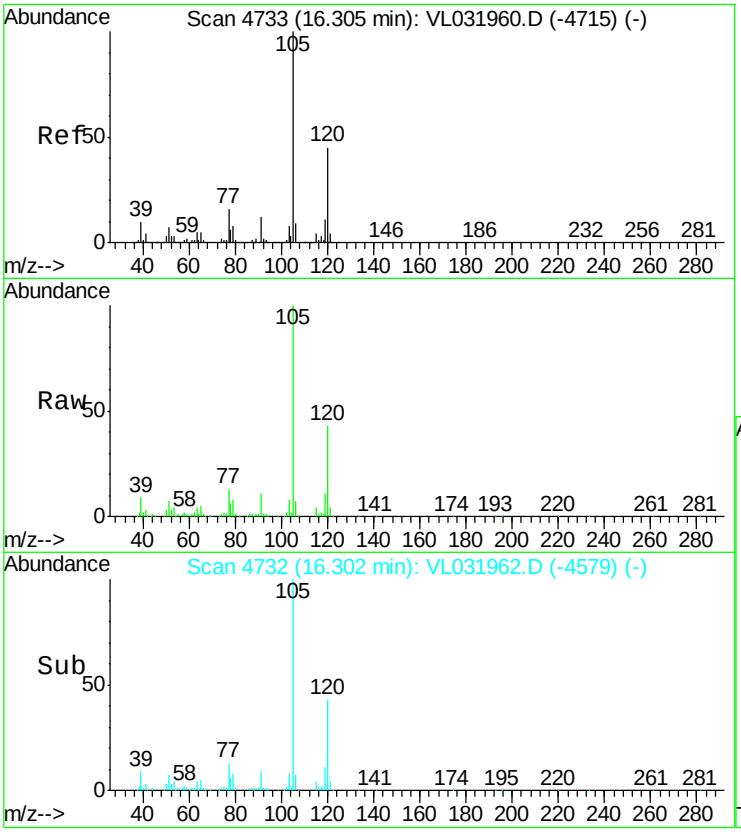


#72
4-Ethyltoluene
Concen: 1.06 ppbv
RT: 16.14 min Scan# 4683
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:105 Resp: 339790

Ion	Ratio	Lower	Upper
105	100		
120	29.2	22.7	34.1
91	14.6	10.6	16.0
77	14.9	11.4	17.0

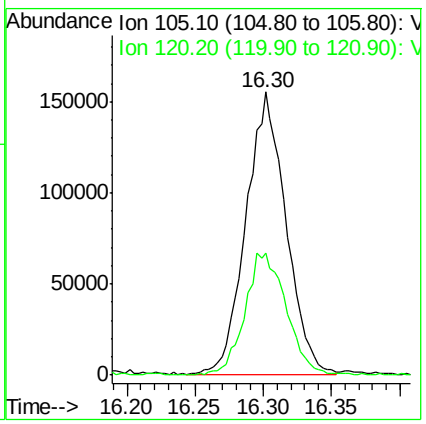




#73
1,3,5-Trimethylbenzene
Concen: 1.08 ppbv
RT: 16.30 min Scan# 4732
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

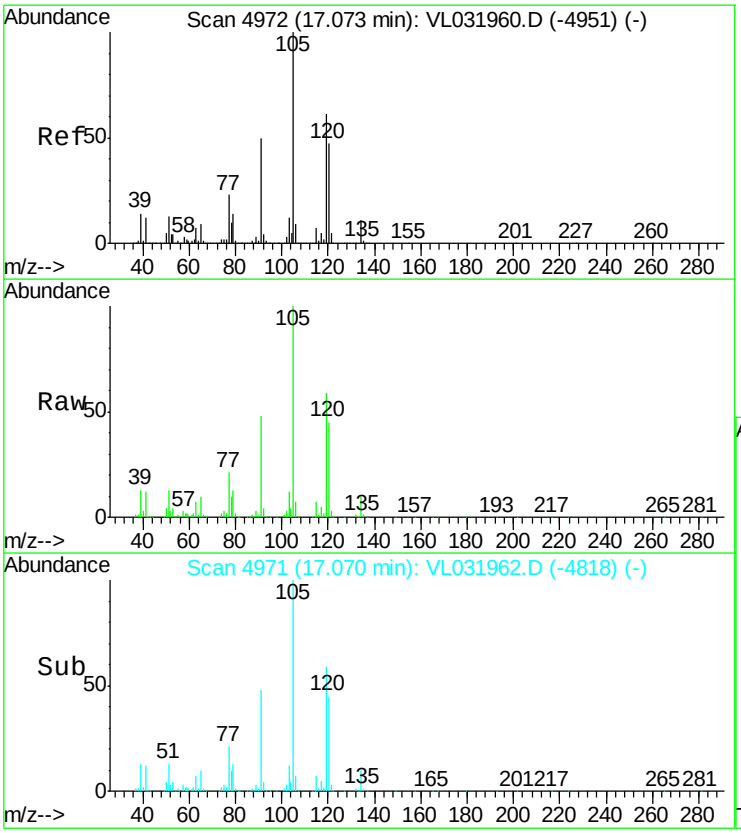
Tgt Ion:105 Resp: 315231

Ion	Ratio	Lower	Upper
105	100		
120	43.5	35.3	52.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

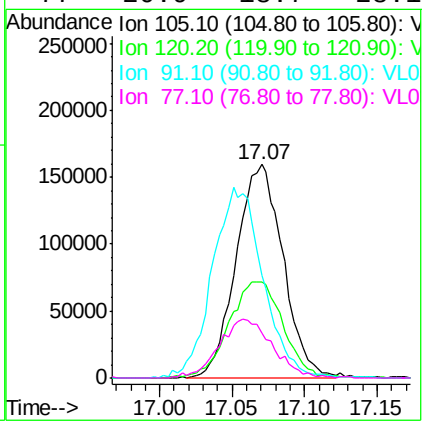
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

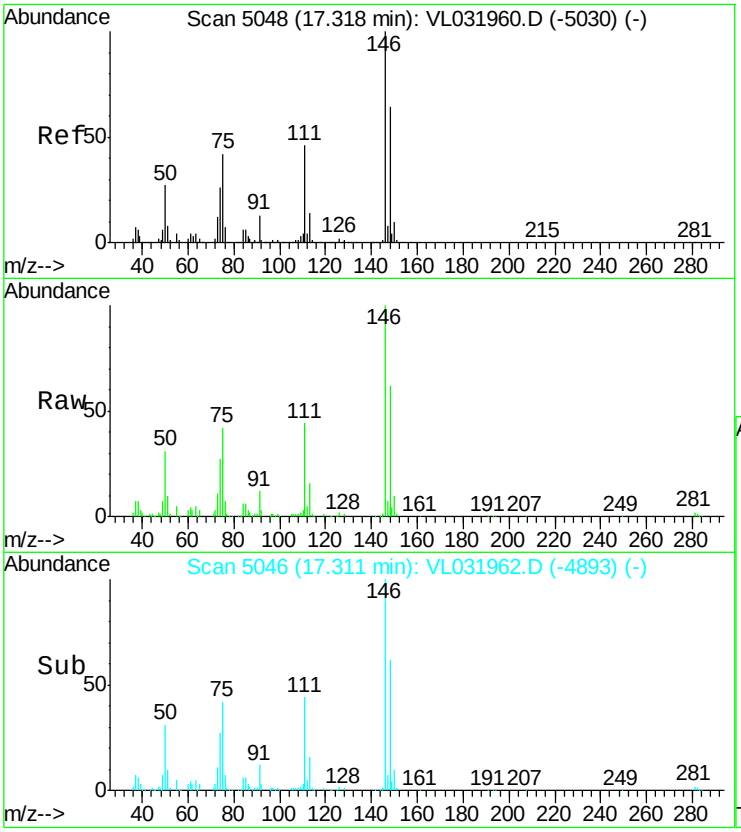


#74
1,2,4-Trimethylbenzene
Concen: 1.10 ppbv
RT: 17.07 min Scan# 4971
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:105 Resp: 358185

Ion	Ratio	Lower	Upper
105	100		
120	43.7	37.0	55.4
91	46.9	43.0	64.4
77	20.9	18.7	28.1

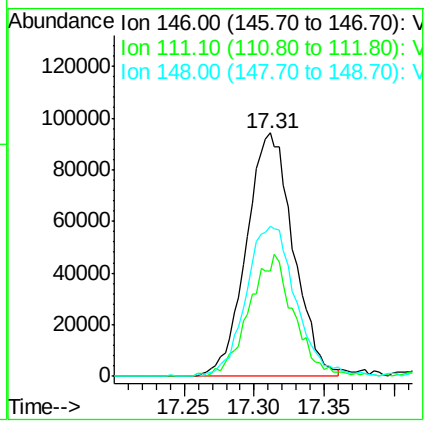




#75
1,3-Dichlorobenzene
Concen: 1.09 ppbv
RT: 17.31 min Scan# 5046
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

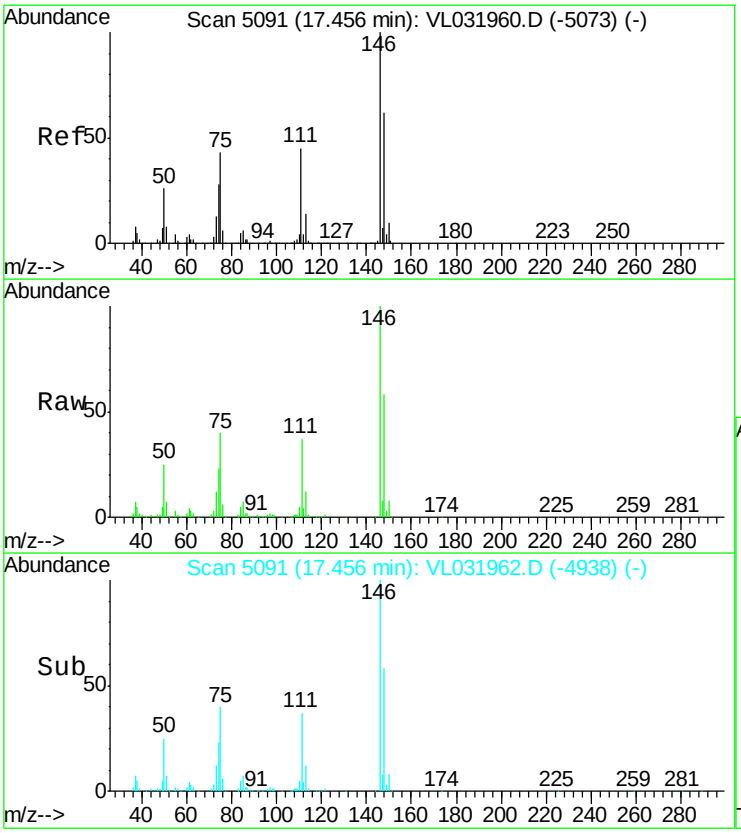
Tgt Ion:146 Resp: 219000

Ion	Ratio	Lower	Upper
146	100		
111	48.3	23.8	71.4
148	65.5	32.0	96.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

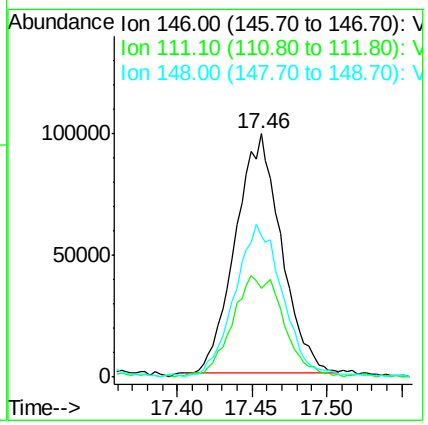
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

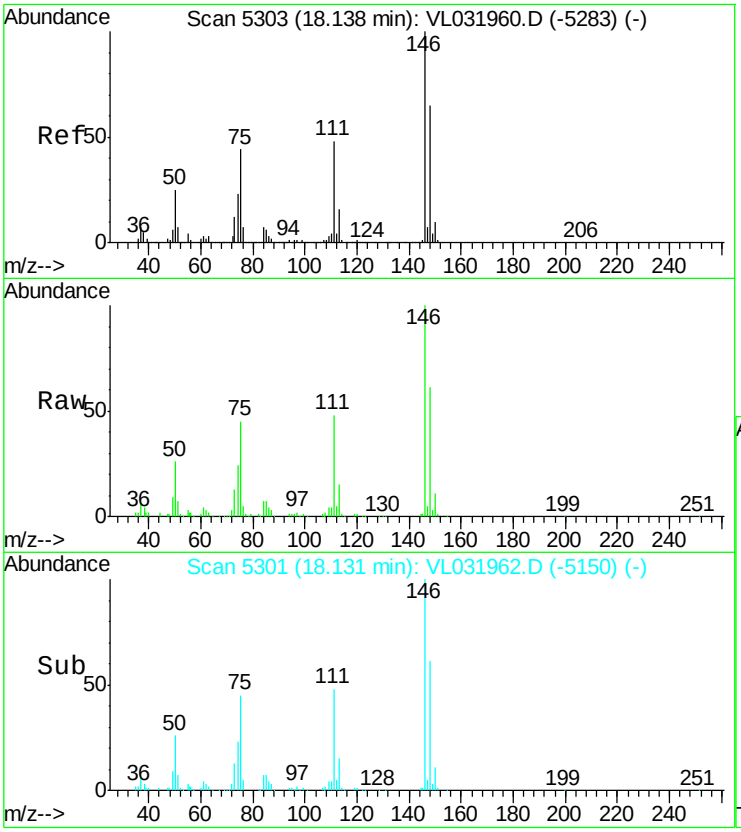


#76
1,4-Dichlorobenzene
Concen: 1.08 ppbv
RT: 17.46 min Scan# 5091
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:146 Resp: 209570

Ion	Ratio	Lower	Upper
146	100		
111	48.1	22.9	68.7
148	68.3	32.0	96.0

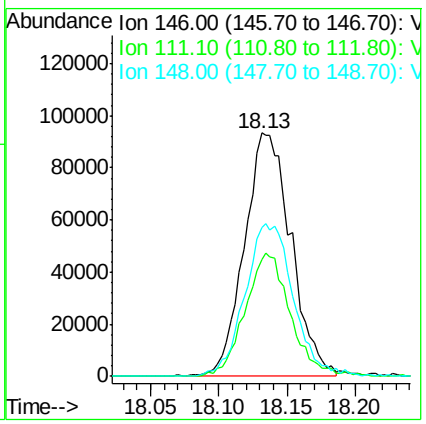




#77
1,2-Dichlorobenzene
Concen: 1.12 ppbv
RT: 18.13 min Scan# 5301
Delta R.T. -0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

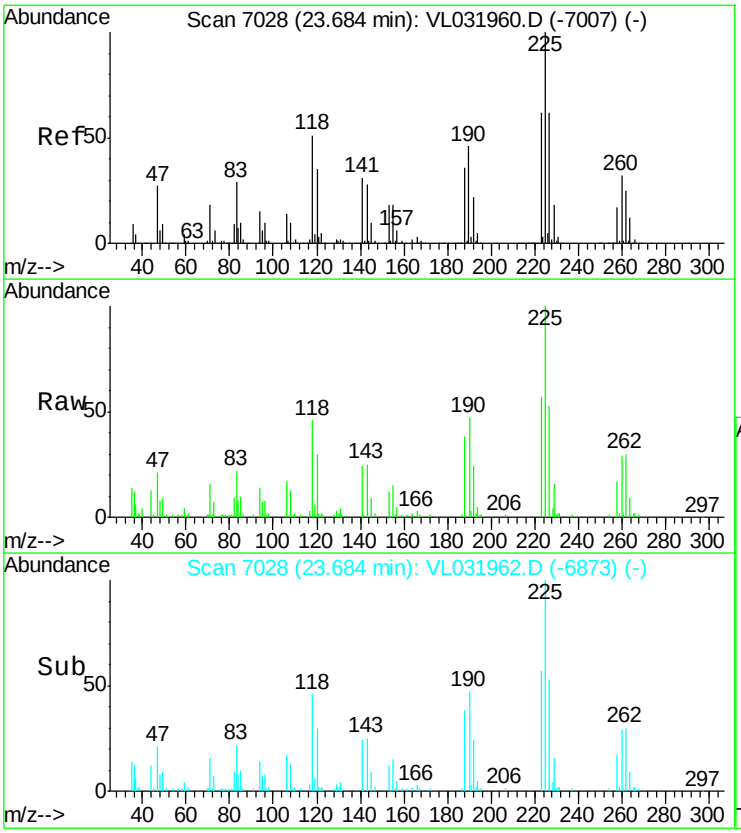
Tgt Ion:146 Resp: 221619

Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.3	72.8
148	65.0	31.8	95.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

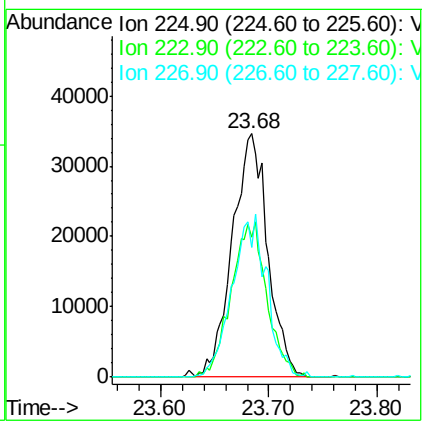
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

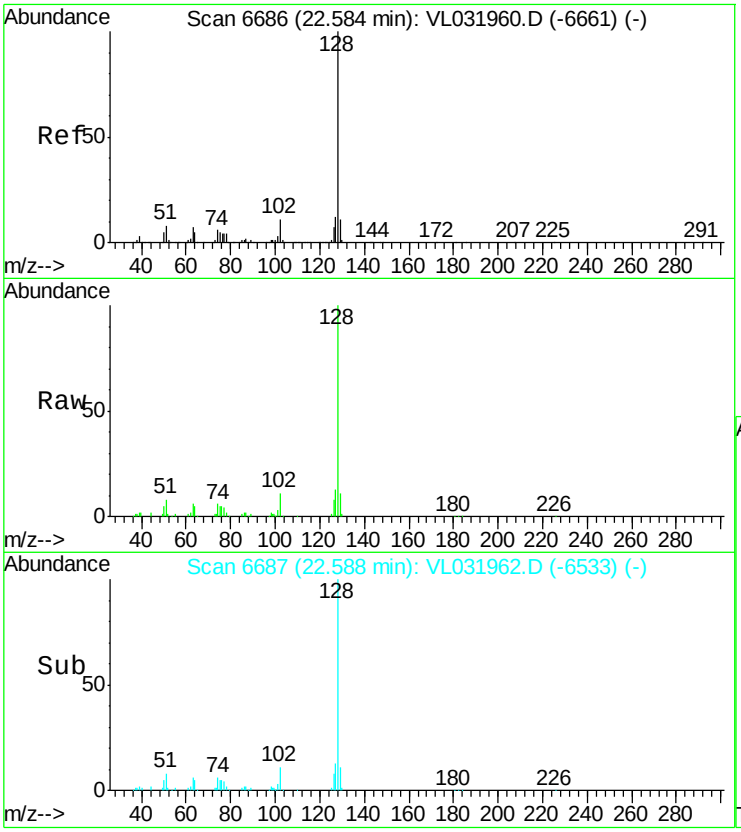


#78
Hexachloro-1,3-Butadiene
Concen: 1.04 ppbv m
RT: 23.68 min Scan# 7028
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:225 Resp: 78820

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	65.6	52.2	78.4

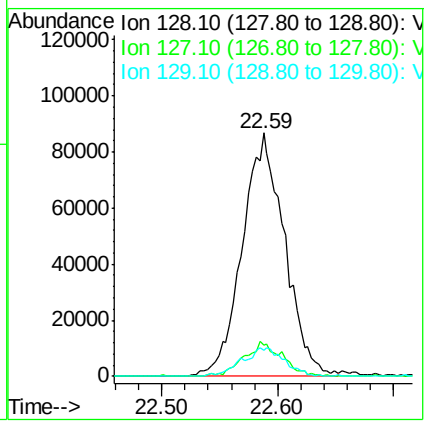




#79
Naphthalene
Concen: 1.20 ppbv
RT: 22.59 min Scan# 6687
Delta R.T. -0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

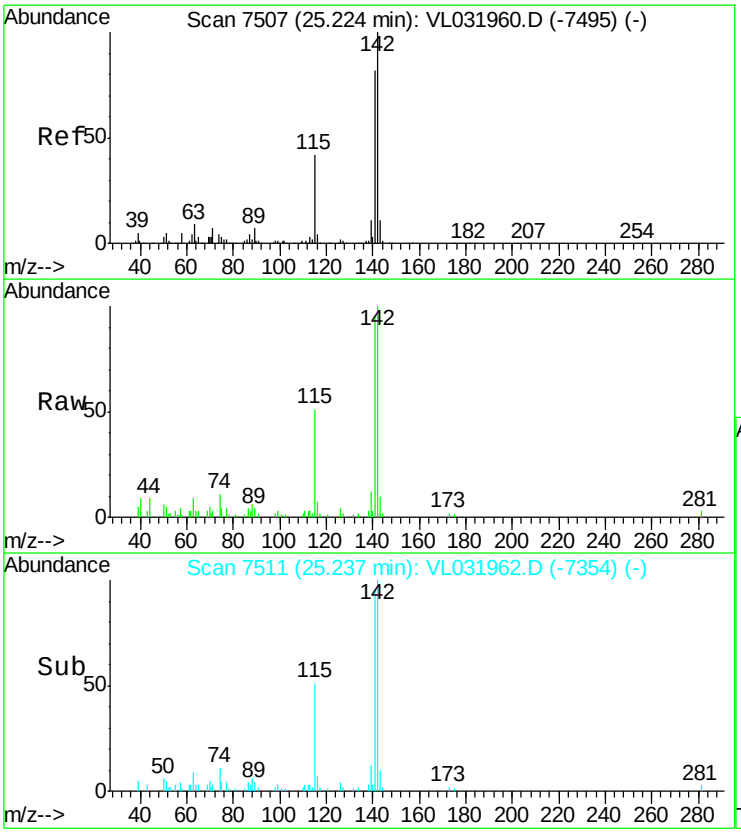
Tgt Ion:128 Resp: 219925

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	9.4	14.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

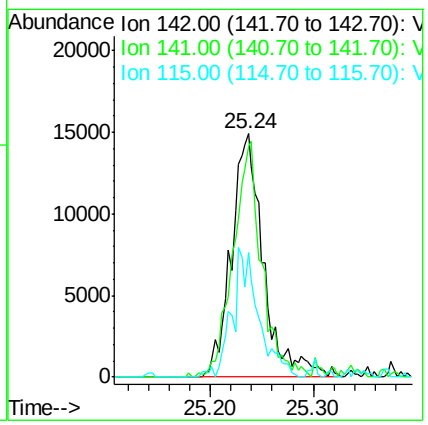
Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM

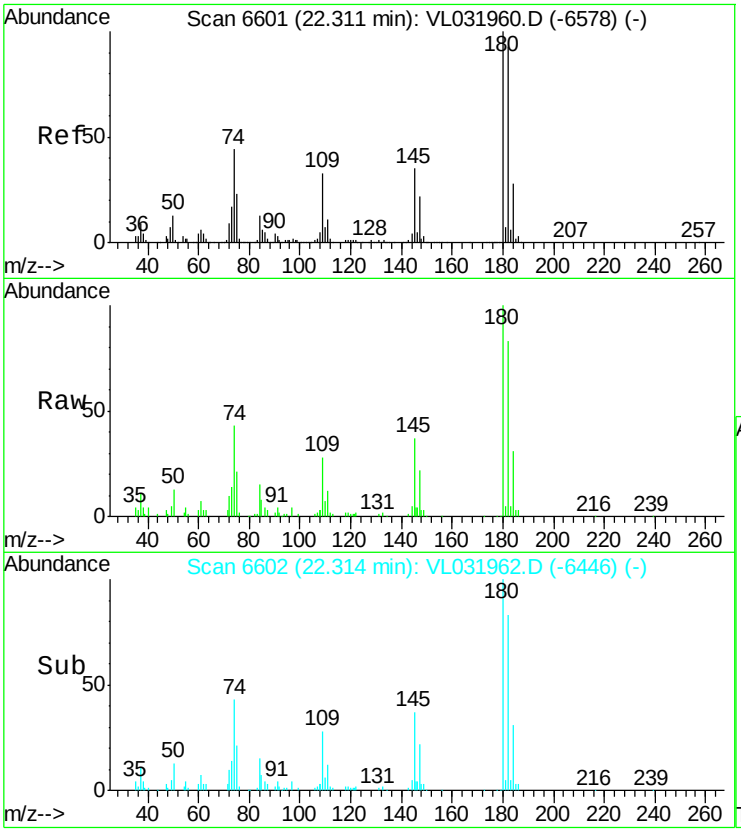


#80
Naphthalene,2-methyl-
Concen: 0.90 ppbv
RT: 25.24 min Scan# 7511
Delta R.T. 0.01 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:142 Resp: 32358

Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.0	100.4
115	45.4	35.3	52.9

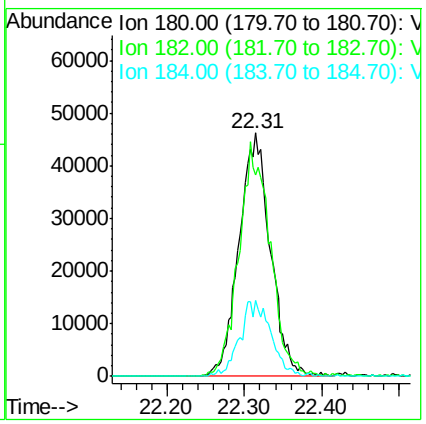




#81
1,2,4-Trichlorobenzene
Concen: 1.27 ppbv m
RT: 22.31 min Scan# 6602
Delta R.T. 0.00 min
Lab File: VL031962.D
Acq: 3 May 2018 12:44

Tgt Ion:180 Resp: 129004

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
184	0.0	24.2	36.2#



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
5/4/2018 5:00:57 PM