Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\
Data File : VL031857.D
Acq On : 12 Apr 2018 4:07
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

Quant Time: Apr 12 04:53:10 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 1
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1358410	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2847652	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	3266569	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.73	95	2427852	9.89	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.16	85	3076924	12.127	ppbv	97
3) Chlorodifluoromethane	3.10	51	1567097	8.993	ppbv	98
4) Chloromethane	3.26	50	930249	10.672	ppbv	99
5) Vinyl Chloride	3.39	62	990535	11.290	ppbv	96
6) Bromomethane	3.61	94	700680	11.670	ppbv	96
7) Chloroethane	3.70	64	414222	11.421	ppbv	99
8) Dichlorotetrafluoroethane	3.31	85	2541620	10.881	ppbv	99
9) Propene	3.12	41	698869	10.098	ppbv	100
10) Heptane	8.39	43	2363183	11.448	ppbv	99
11) Trichlorofluoromethane	4.11	101	3333064	13.116	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.67	101	2138392	12.716	ppbv	98
13) Ethanol	3.75	45	184292	8.401	ppbv	100
14) Bromoethene	3.89	108	787821	11.498	ppbv	98
15) Acetone	4.01	43	2203870	9.648	ppbv	99
16) 1,3-Butadiene	3.46	39	875999	10.610	ppbv	95
17) tert-Butyl alcohol	4.47	59	882933	8.519	ppbv	99
18) 1,1-Dichloroethene	4.46	96	977508	12.869	ppbv	98
19) Isopropyl Alcohol	4.13	45	1382515	11.103	ppbv	100
20) Methylene Chloride	4.52	84	899195	11.819	ppbv	97
21) Allyl Chloride	4.59	41	1536751	12.619	ppbv	96
22) trans-1,2-Dichloroethene	5.09	96	1000027	12.317	ppbv	98
23) Vinyl Acetate	5.28	43	2881610	11.564	ppbv	99
24) 1,1-Dichloroethane	5.22	63	2594404	12.287	ppbv	99
25) Ethyl Acetate	5.90	43	4167834	11.844	ppbv	99
26) Hexane	5.91	57	1988429	12.288	ppbv	97
27) Carbon Disulfide	4.74	76	2666473	15.081	ppbv	98
28) Methyl tert-Butyl Ether	5.23	73	2519449	11.502	ppbv	99
29) Chloroform	5.98	83	3183341	12.346	ppbv	97
30) Cyclohexane	7.39	84	1425696	11.035	ppbv	99
31) cis-1,2-Dichloroethene	5.77	61	1916232	12.729	ppbv	100
32) 1,1,1-Trichloroethane	6.76	97	2907062	10.752	ppbv	99
34) 2-Butanone	5.45	43	2664858	13.618	ppbv	100
35) Carbon Tetrachloride	7.28	117	3008003	14.111	ppbv	96
36) Benzene	7.15	78	3500686	13.059	ppbv	98
37) 1,2-Dichloroethane	6.55	62	2426869	13.581	ppbv	99
38) Trichloroethene	8.11	130	1378866	12.708	ppbv	97
39) 1,2-Dichloropropane	7.88	63	1256962	12.972	ppbv	95
40) 1,4-Dioxane	8.10	88	526072	13.517	ppbv	91
41) Tetrahydrofuran	6.28	42	1416479	14.434	ppbv	100
42) Bromodichloromethane	8.06	83	3037481	14.332	ppbv	98
43) Methyl Methacrylate	8.28	69	1328545	14.043	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\
Data File : VL031857.D
Acq On : 12 Apr 2018 4:07
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

Quant Time: Apr 12 04:53:10 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 1
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.13	57	5895805	13.511	ppbv		99
45) t-1,3-Dichloropropene	9.57	75	1913267	14.916	ppbv		98
46) cis-1,3-Dichloropropene	8.98	75	2274289	14.190	ppbv		99
47) 1,1,2-Trichloroethane	9.76	97	1502986	13.594	ppbv		99
48) Dibromochloromethane	10.60	129	2561681	14.880	ppbv		100
49) Bromoform	13.36	173	2045980	16.177	ppbv		99
50) 4-Methyl-2-Pentanone	9.02	43	3111995	13.774	ppbv		99
51) 2-Hexanone	10.42	43	2791092	13.348	ppbv		100
52) Tetrachloroethene	11.52	164	1301846	12.039	ppbv		97
53) Toluene	10.10	91	4231961	13.678	ppbv		99
54) 1,2-Dibromoethane	10.91	107	2278904	13.638	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.43	131	1753294	11.653	ppbv	#	63
57) Chlorobenzene	12.46	112	3179916	10.835	ppbv		98
58) Ethyl Benzene	13.02	91	5866330	11.273	ppbv		97
59) m/p-Xylene	13.30	91	9575623m	22.304	ppbv		
60) o-Xylene	14.01	91	4906936	11.321	ppbv		99
61) Styrene	13.84	104	1153381	12.024	ppbv		99
62) Isopropylbenzene	14.98	105	6163971	11.223	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.99	83	3257200	11.499	ppbv		99
64) n-propylbenzene	15.87	120	1553284	11.751	ppbv		95
65) tert-Butylbenzene	17.06	119	5211204	11.077	ppbv		100
66) Benzyl Chloride	17.31	91	635932	15.850	ppbv		99
67) sec-Butylbenzene	17.61	105	7485650	11.412	ppbv		99
69) p-Isopropyltoluene	17.97	119	5943780	11.275	ppbv		100
70) n-Butylbenzene	18.86	91	6048912	11.615	ppbv		100
71) 2-Chlorotoluene	15.77	91	4640644	11.269	ppbv		99
72) 4-Ethyltoluene	16.15	105	5061665	11.643	ppbv		100
73) 1,3,5-Trimethylbenzene	16.31	105	4575901	11.590	ppbv		97
74) 1,2,4-Trimethylbenzene	17.08	105	4700005	11.065	ppbv		99
75) 1,3-Dichlorobenzene	17.32	146	2846640	10.962	ppbv		100
76) 1,4-Dichlorobenzene	17.47	146	2846235	10.777	ppbv		100
77) 1,2-Dichlorobenzene	18.14	146	2833686	11.276	ppbv		100
78) Hexachloro-1,3-Butadiene	23.69	225	858896	8.247	ppbv		99
79) Naphthalene	22.59	128	2983988	11.131	ppbv		98
80) Naphthalene,2-methyl-	25.23	142	479029	7.219	ppbv		99
81) 1,2,4-Trichlorobenzene	22.32	180	1456595	9.939	ppbv		99

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

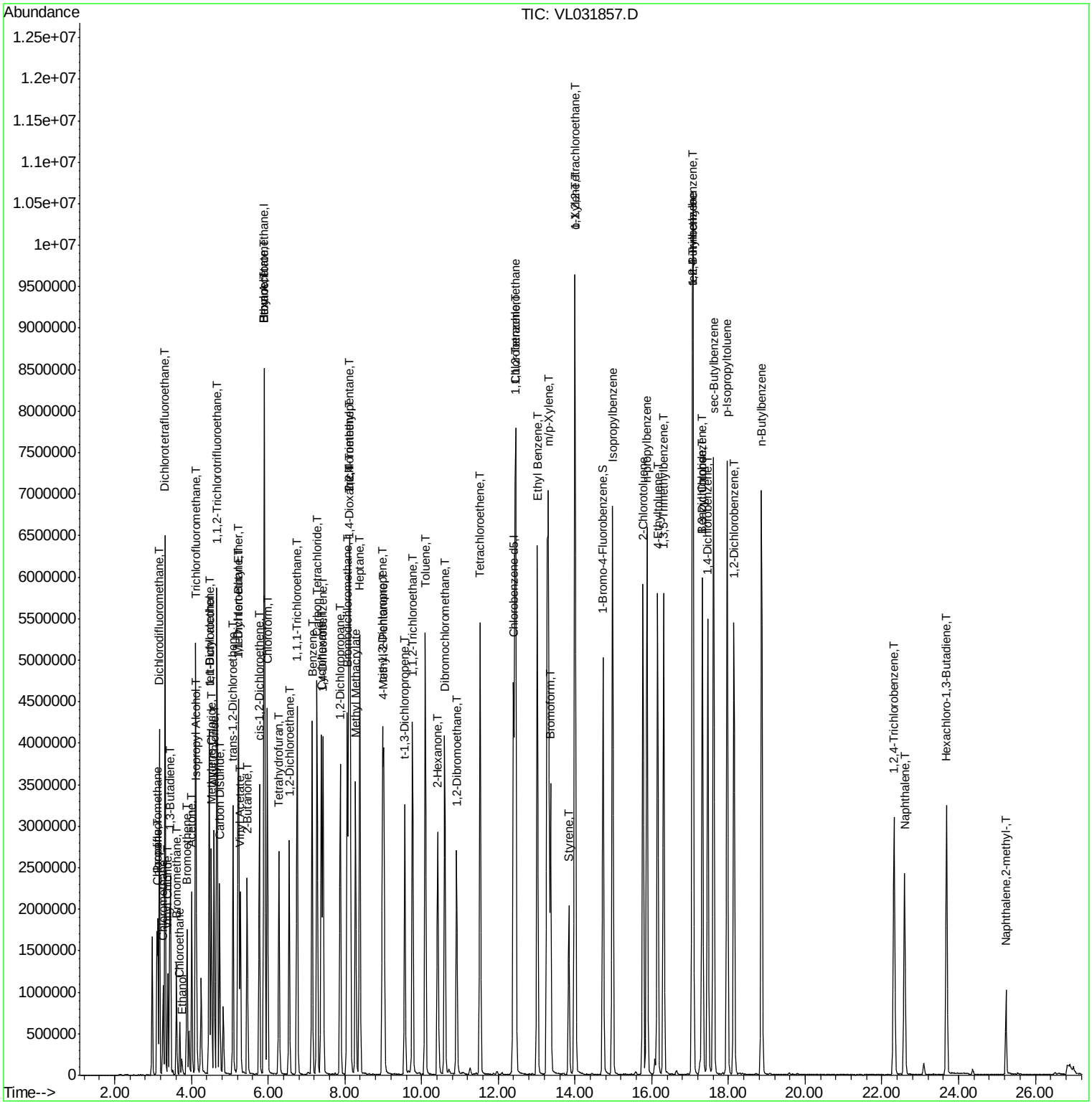
Quantitation Report (QT Reviewed)

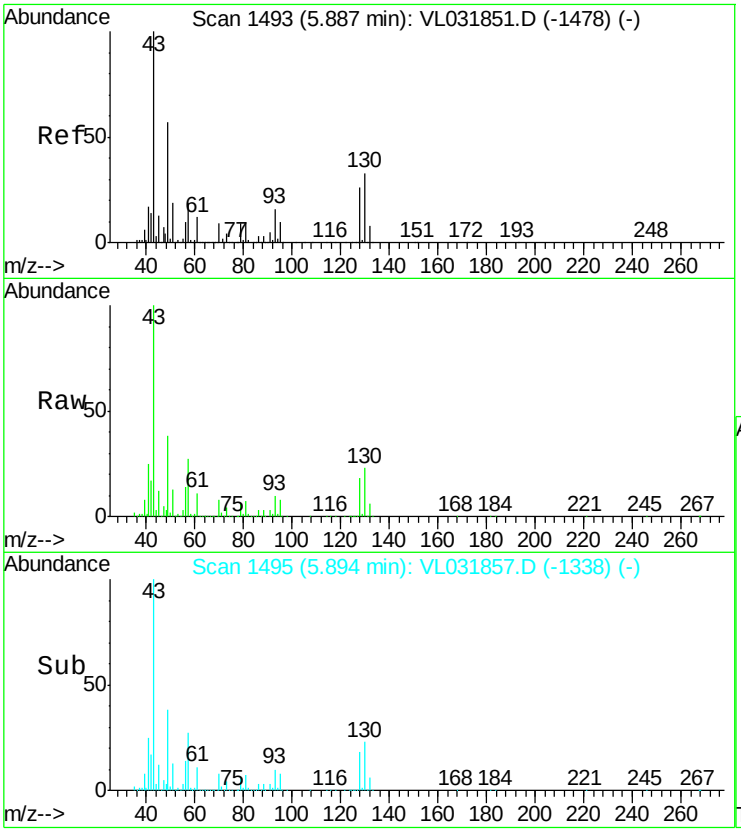
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\
Data File : VL031857.D
Acq On : 12 Apr 2018 4:07
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 12 04:53:10 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

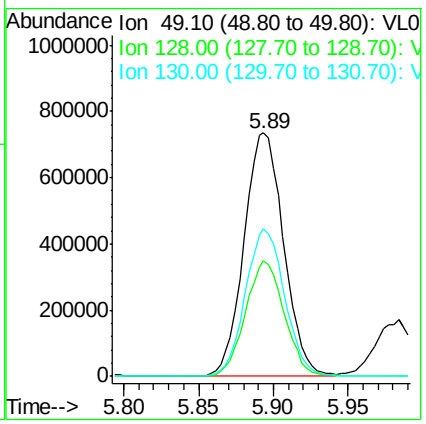




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.89 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

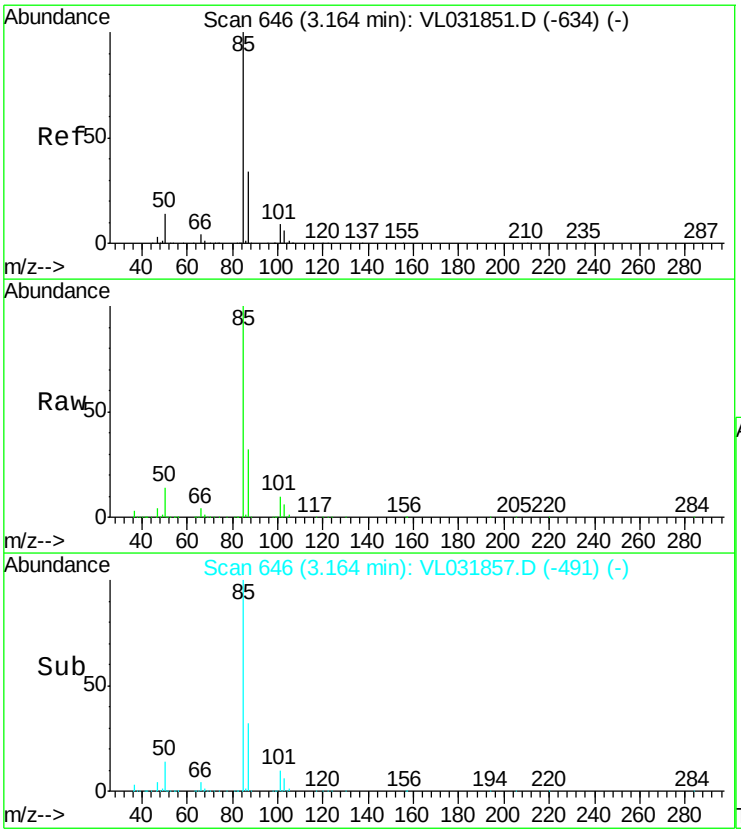
Tgt Ion: 49 Resp: 1358410

Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.9	71.8
130	60.1	31.1	93.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

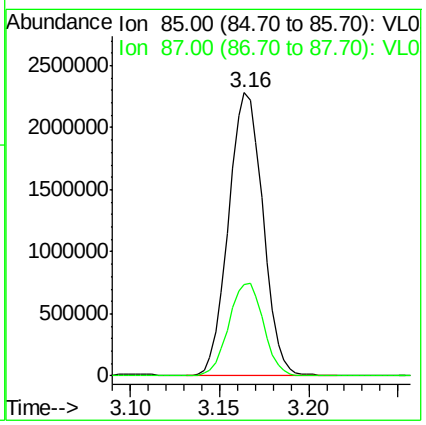
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

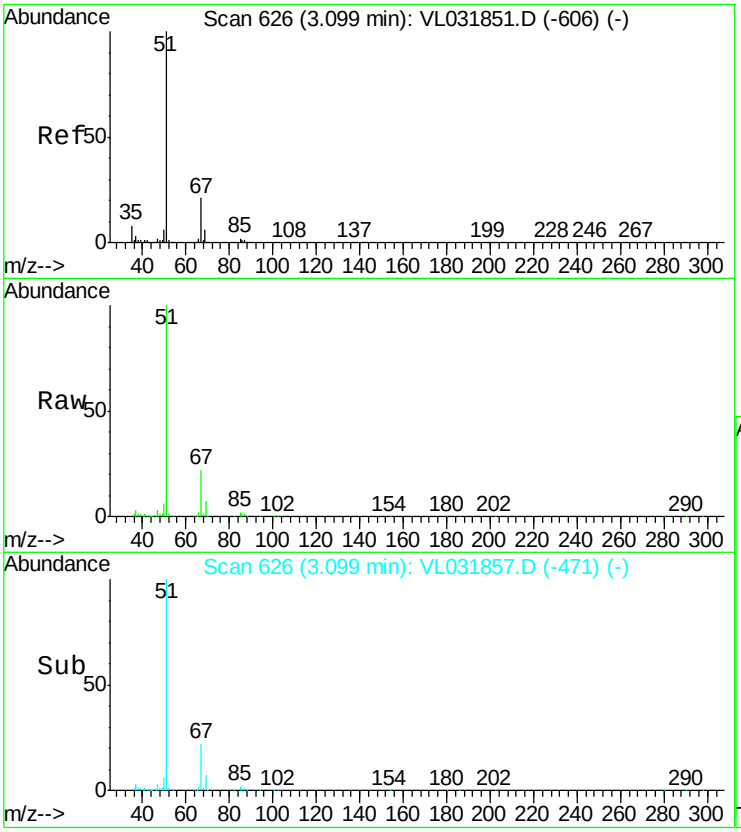


#2
Dichlorodifluoromethane
Concen: 12.127 ppbv
RT: 3.16 min Scan# 646
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 85 Resp: 3076924

Ion	Ratio	Lower	Upper
85	100		
87	32.2	27.1	40.7

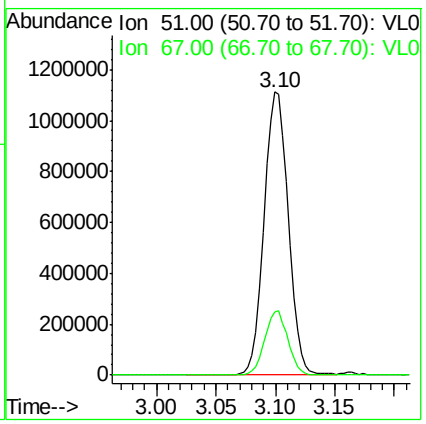




#3
Chlorodifluoromethane
Concen: 8.993 ppbv
RT: 3.10 min Scan# 626
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

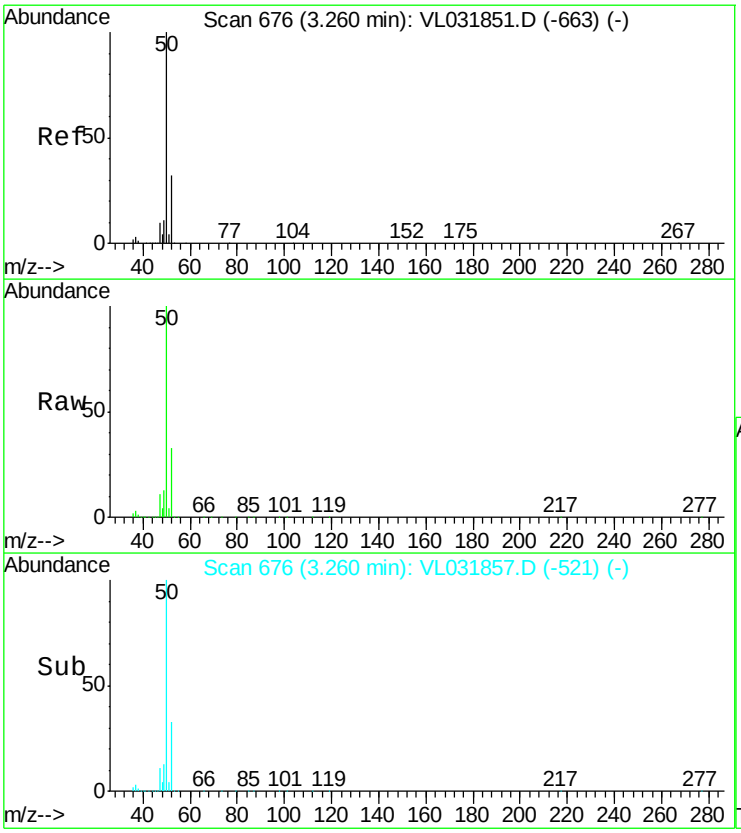
Tgt Ion: 51 Resp: 1567097

Ion	Ratio	Lower	Upper
51	100		
67	21.7	16.7	25.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

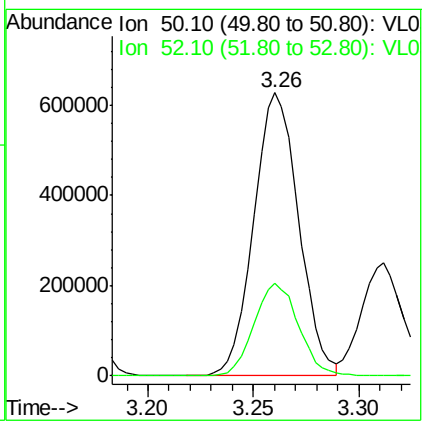
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

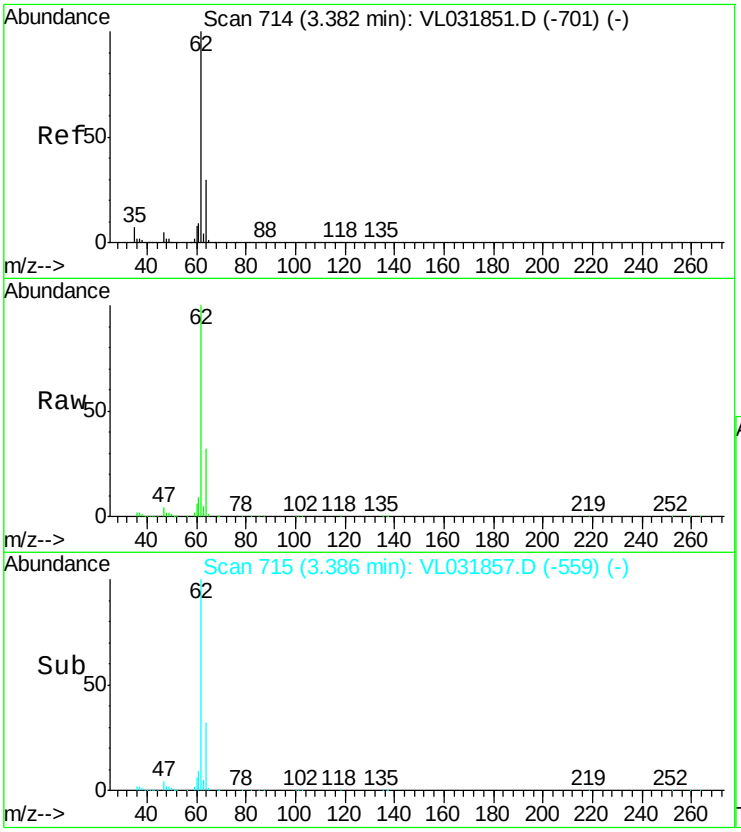


#4
Chloromethane
Concen: 10.672 ppbv
RT: 3.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 50 Resp: 930249

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.0	39.0

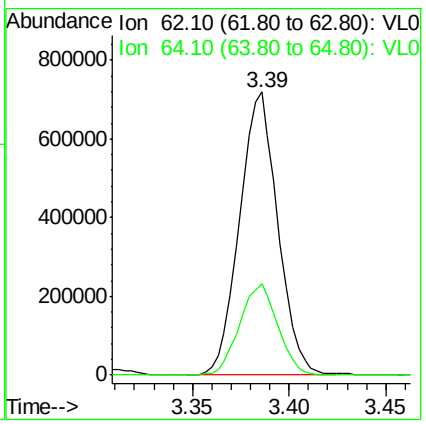




#5
Vinyl Chloride
Concen: 11.290 ppbv
RT: 3.39 min Scan# 715
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

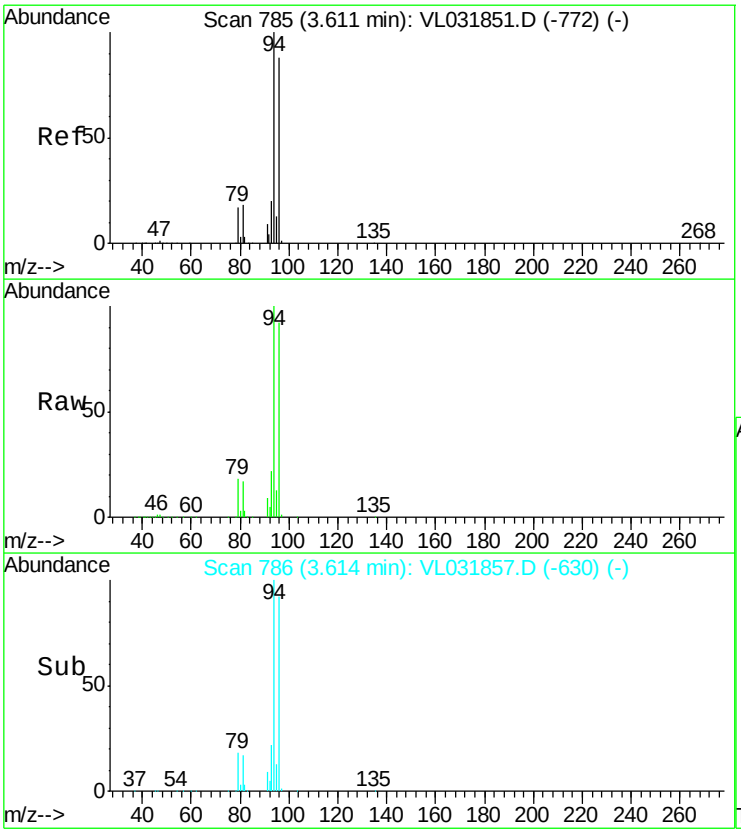
Tgt Ion: 62 Resp: 990535

Ion	Ratio	Lower	Upper
62	100		
64	32.1	23.8	35.8



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

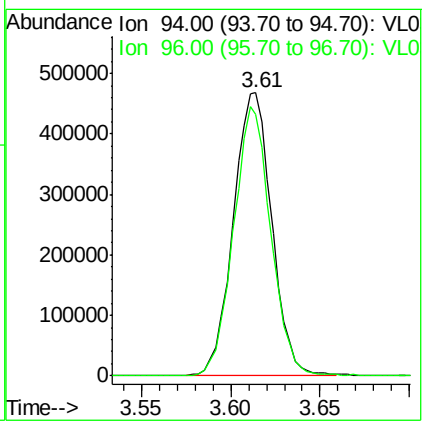
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

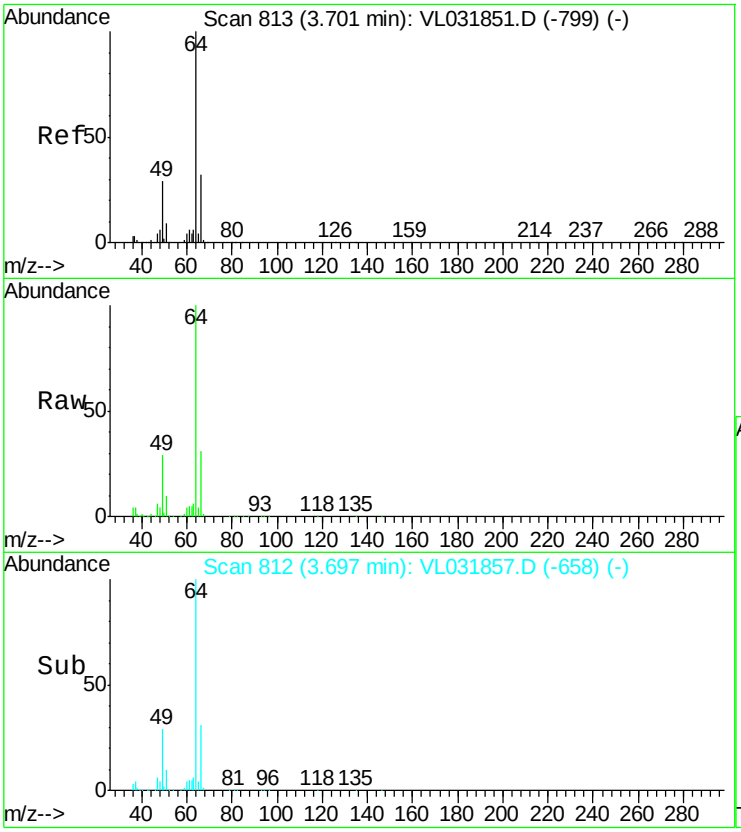


#6
Bromomethane
Concen: 11.670 ppbv
RT: 3.61 min Scan# 786
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 94 Resp: 700680

Ion	Ratio	Lower	Upper
94	100		
96	92.3	70.6	105.8

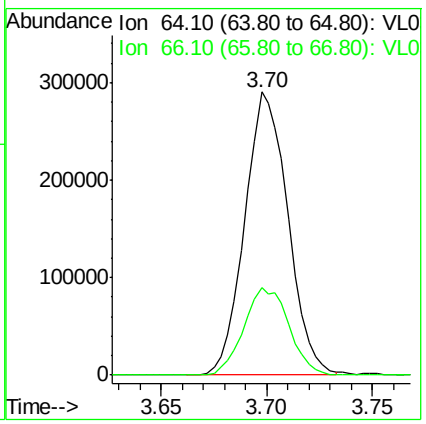




#7
Chloroethane
Concen: 11.421 ppbv
RT: 3.70 min Scan# 812
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

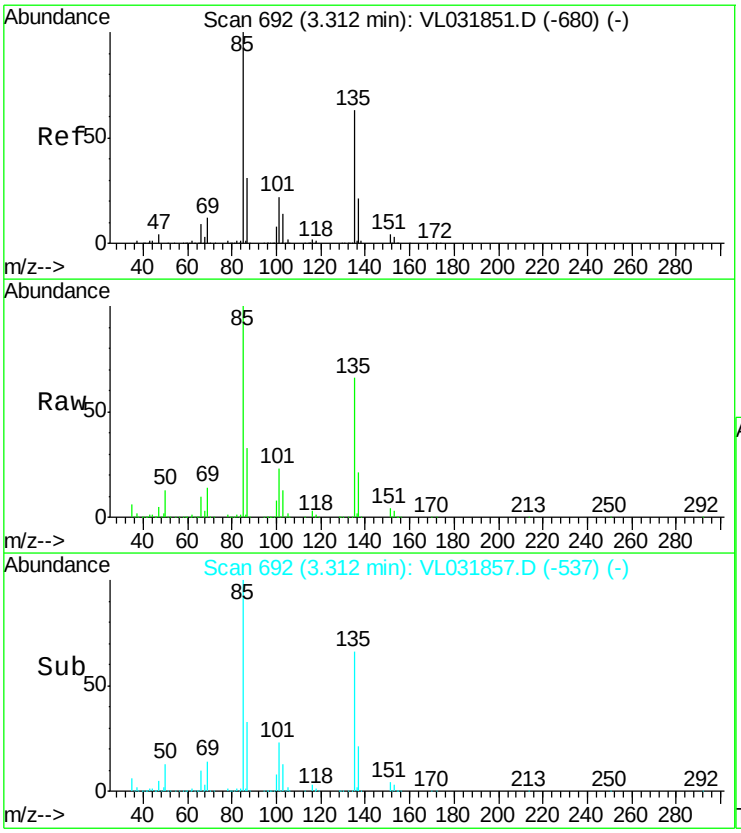
Tgt Ion: 64 Resp: 414222

Ion	Ratio	Lower	Upper
64	100		
66	31.2	25.5	38.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

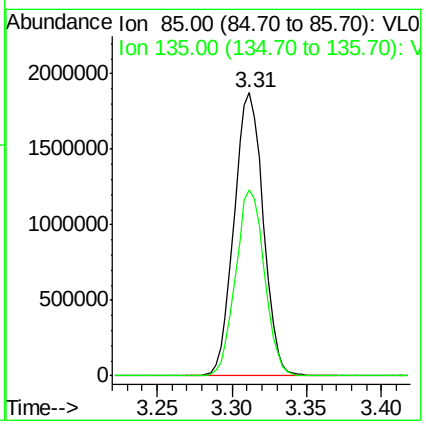
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

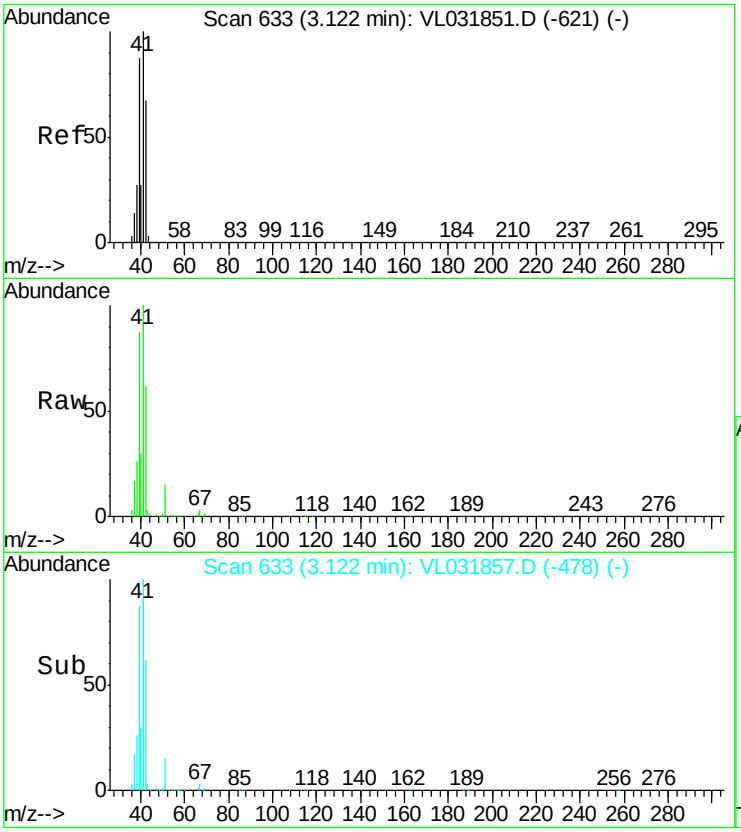


#8
Dichlorotetrafluoroethane
Concen: 10.881 ppbv
RT: 3.31 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 85 Resp: 2541620

Ion	Ratio	Lower	Upper
85	100		
135	65.4	52.6	79.0

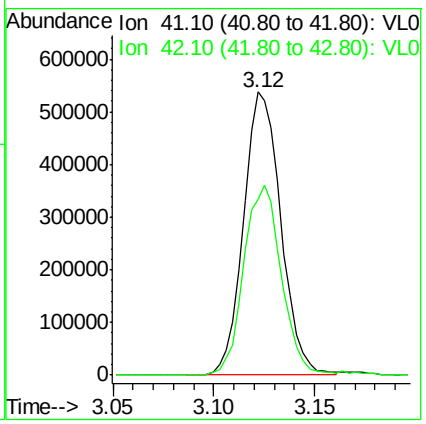




#9
Propene
Concen: 10.098 ppbv
RT: 3.12 min Scan# 633
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

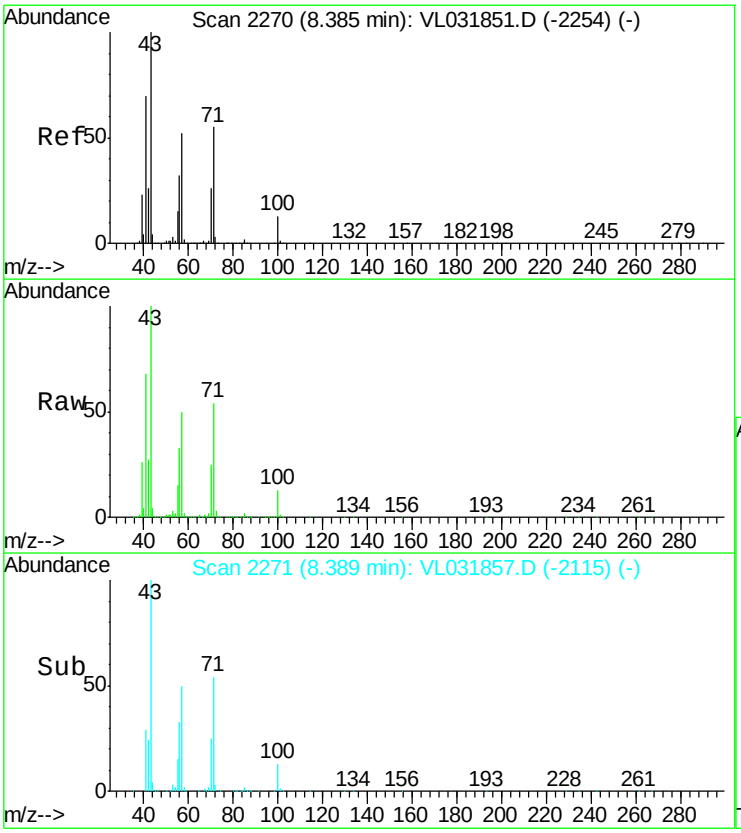
Tgt Ion: 41 Resp: 698869

Ion	Ratio	Lower	Upper
41	100		
42	68.3	54.3	81.5



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

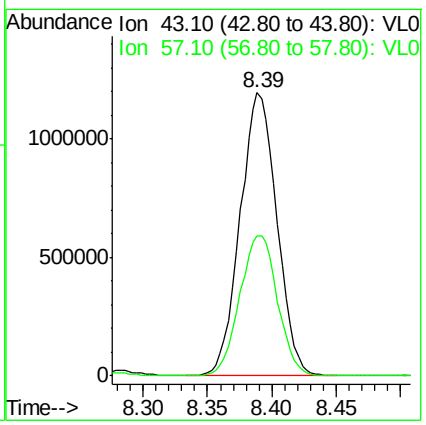
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

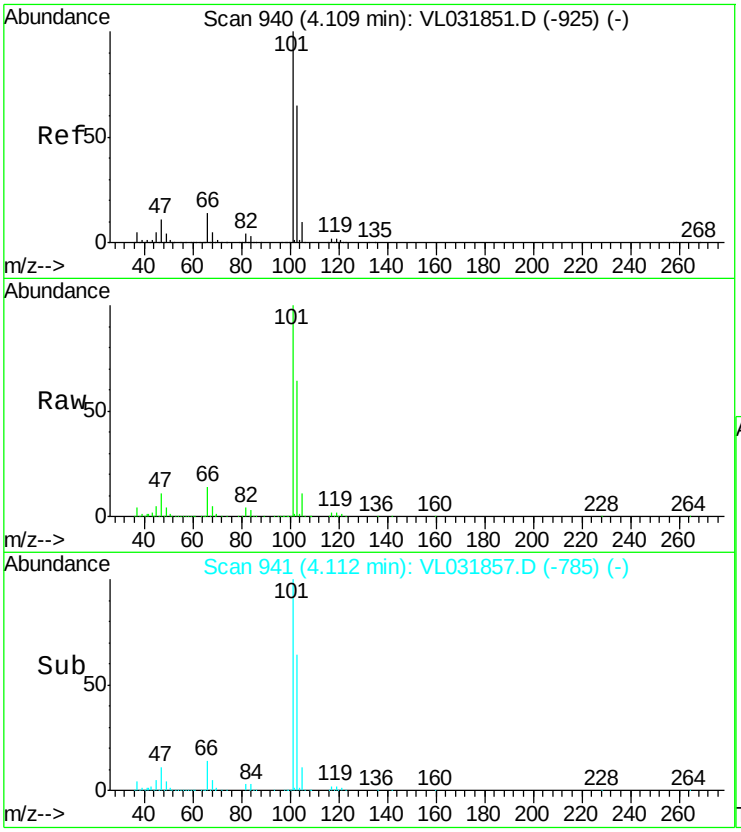


#10
Heptane
Concen: 11.448 ppbv
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 43 Resp: 2363183

Ion	Ratio	Lower	Upper
43	100		
57	51.2	41.4	62.2

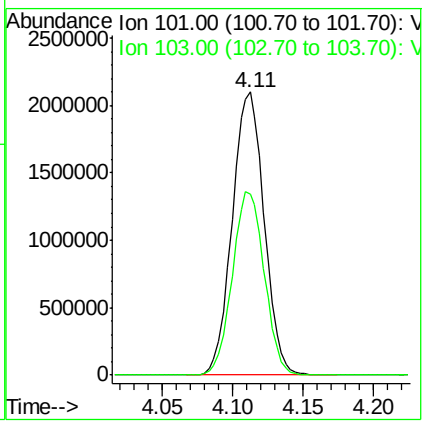




#11
Trichlorofluoromethane
Concen: 13.116 ppbv
RT: 4.11 min Scan# 941
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

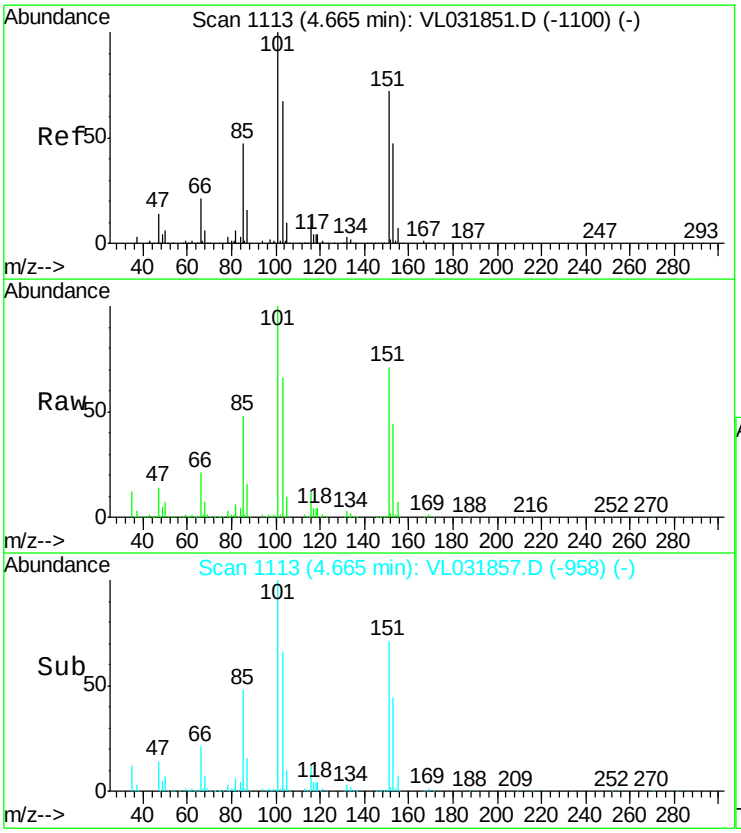
Tgt Ion:101 Resp: 3333064

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

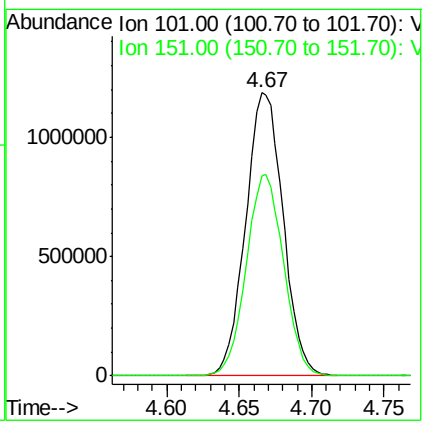
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

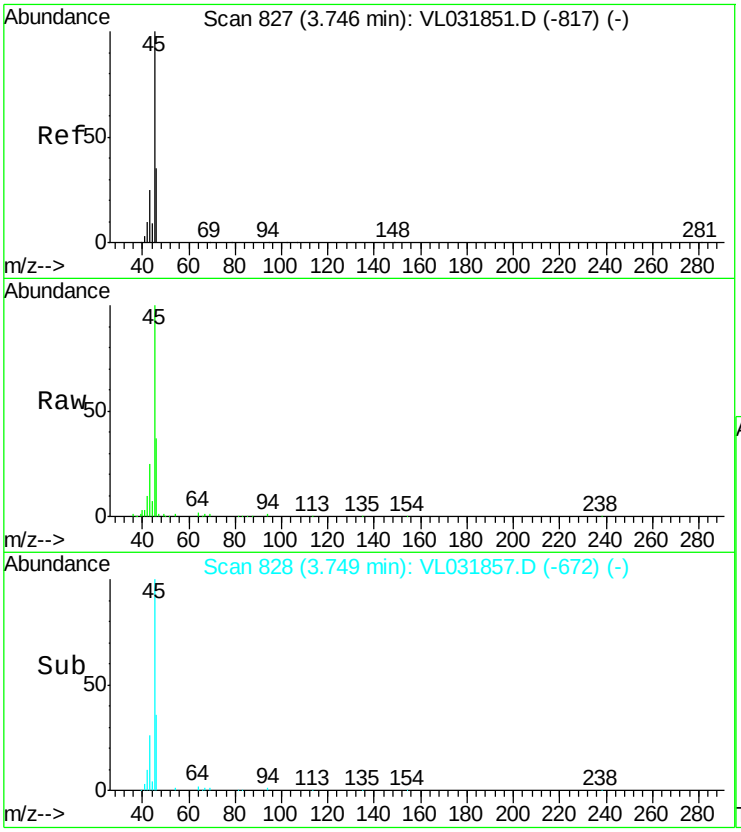


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.716 ppbv
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:101 Resp: 2138392

Ion	Ratio	Lower	Upper
101	100		
151	70.7	57.7	86.5

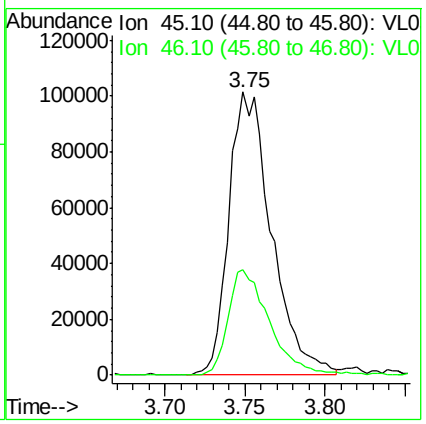




#13
Ethanol
Concen: 8.401 ppbv
RT: 3.75 min Scan# 828
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

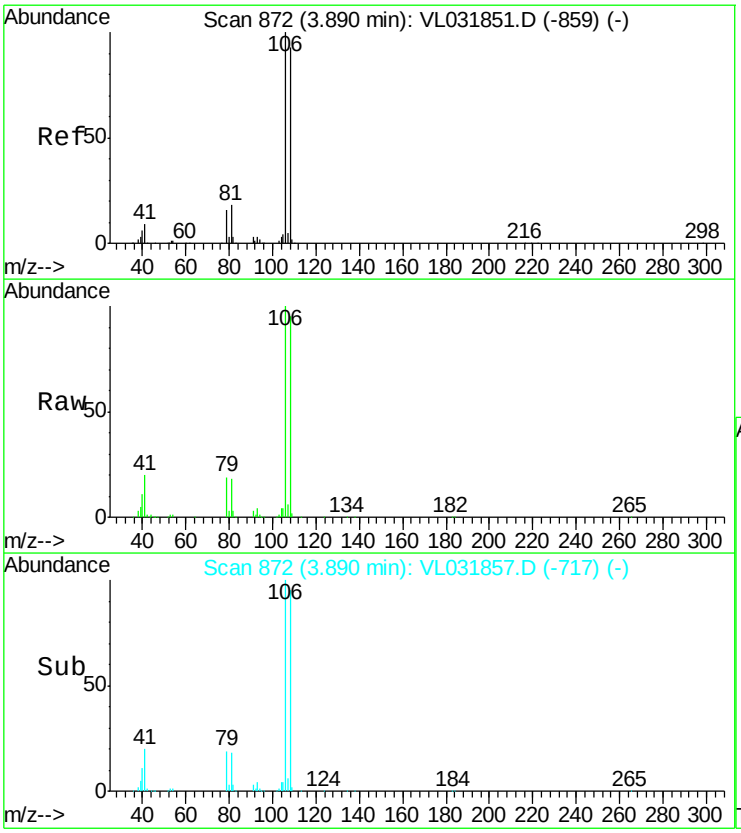
Tgt Ion: 45 Resp: 184292

Ion	Ratio	Lower	Upper
45	100		
46	36.3	14.6	58.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

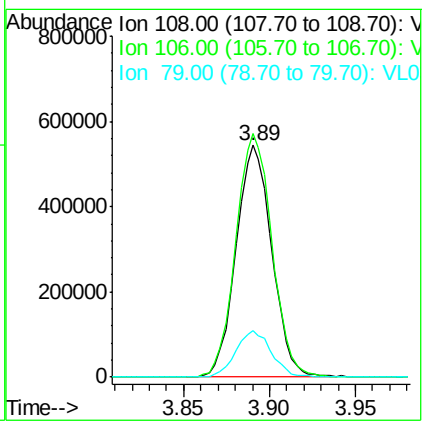
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

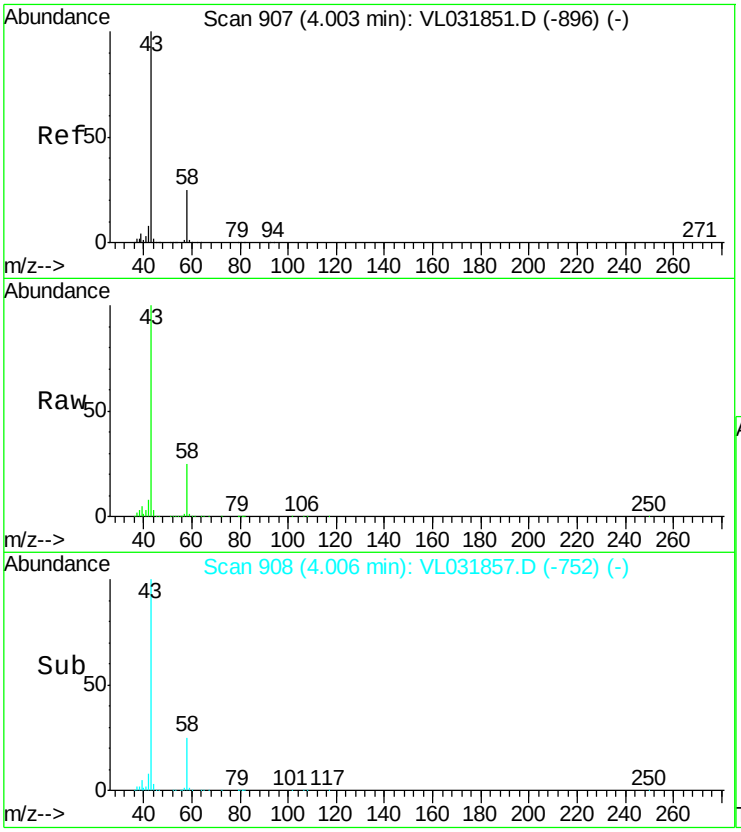


#14
Bromoethene
Concen: 11.498 ppbv
RT: 3.89 min Scan# 872
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:108 Resp: 787821

Ion	Ratio	Lower	Upper
108	100		
106	107.0	86.9	130.3
79	20.2	15.5	23.3

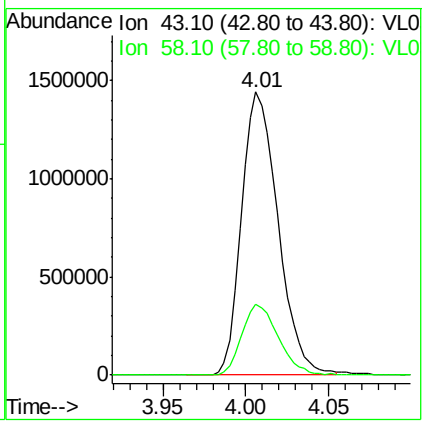




#15
Acetone
Concen: 9.648 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

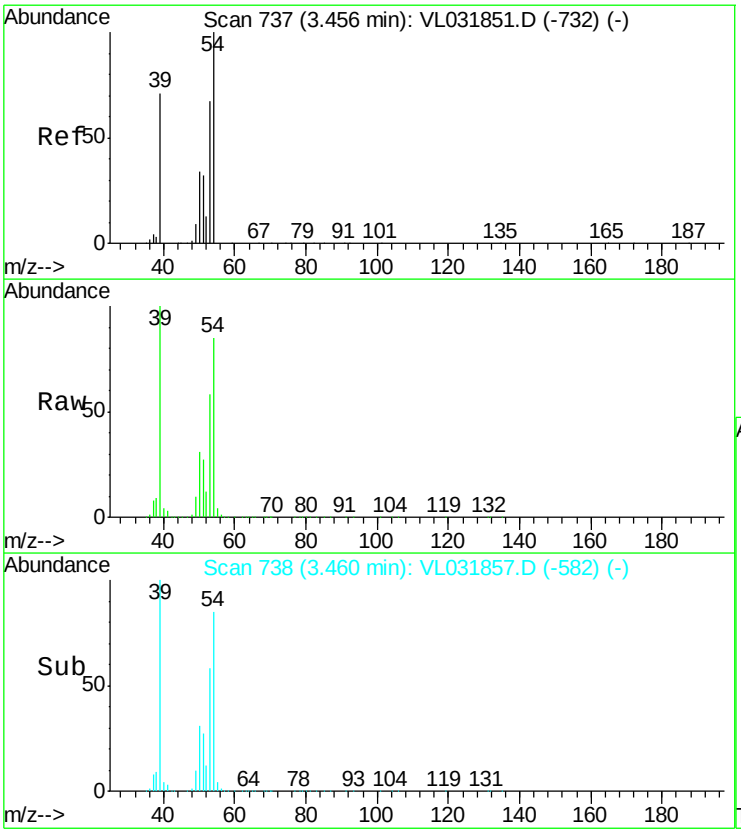
Tgt Ion: 43 Resp: 2203870

Ion	Ratio	Lower	Upper
43	100		
58	25.2	20.7	31.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

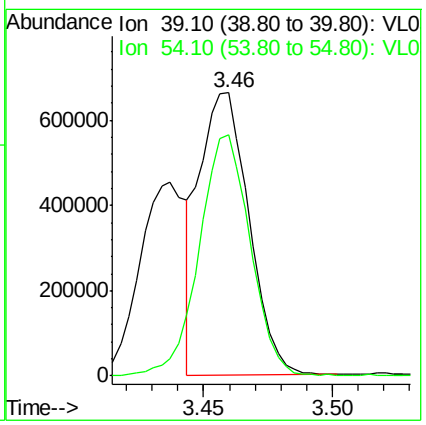
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

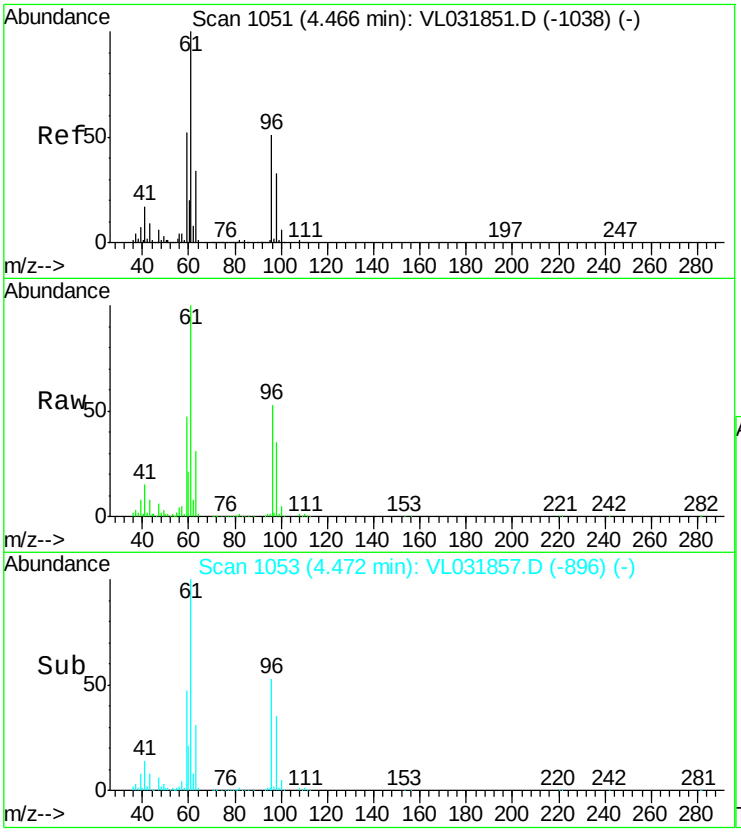


#16
1,3-Butadiene
Concen: 10.610 ppbv
RT: 3.46 min Scan# 738
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 39 Resp: 875999

Ion	Ratio	Lower	Upper
39	100		
54	89.2	67.5	101.3

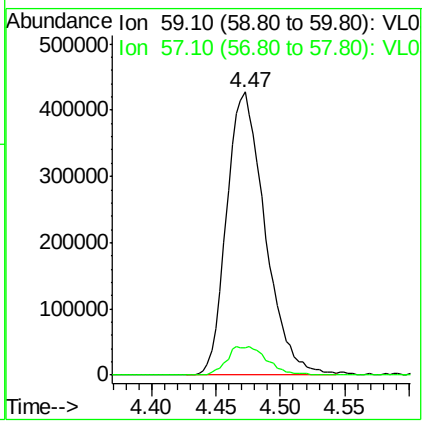




#17
tert-Butyl alcohol
Concen: 8.519 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

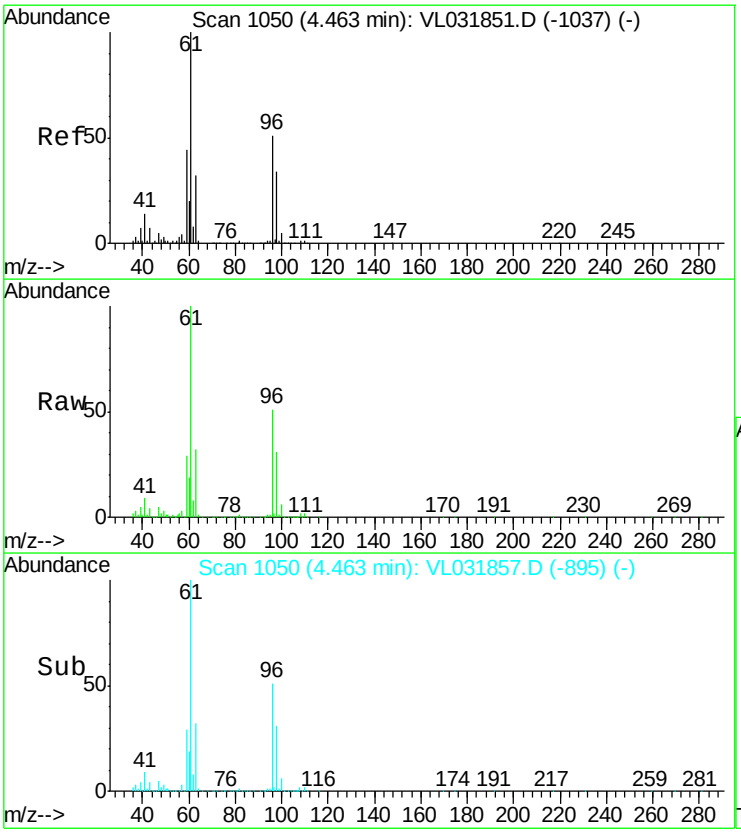
Tgt Ion: 59 Resp: 882933

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

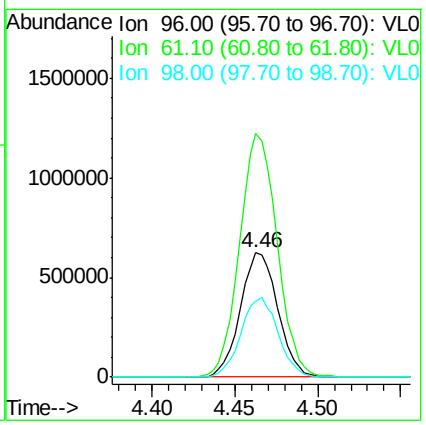
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

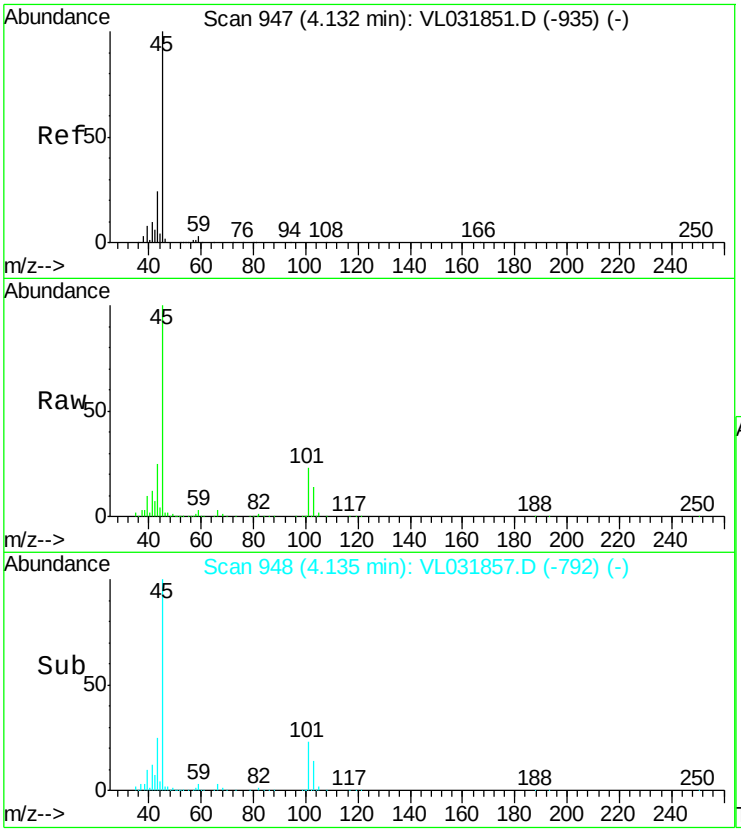


#18
1,1-Dichloroethene
Concen: 12.869 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 96 Resp: 977508

Ion	Ratio	Lower	Upper
96	100		
61	195.7	157.2	235.8
98	60.7	53.0	79.4

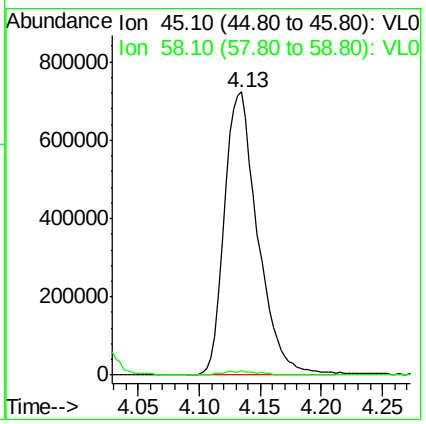




#19
Isopropyl Alcohol
Concen: 11.103 ppbv
RT: 4.13 min Scan# 948
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

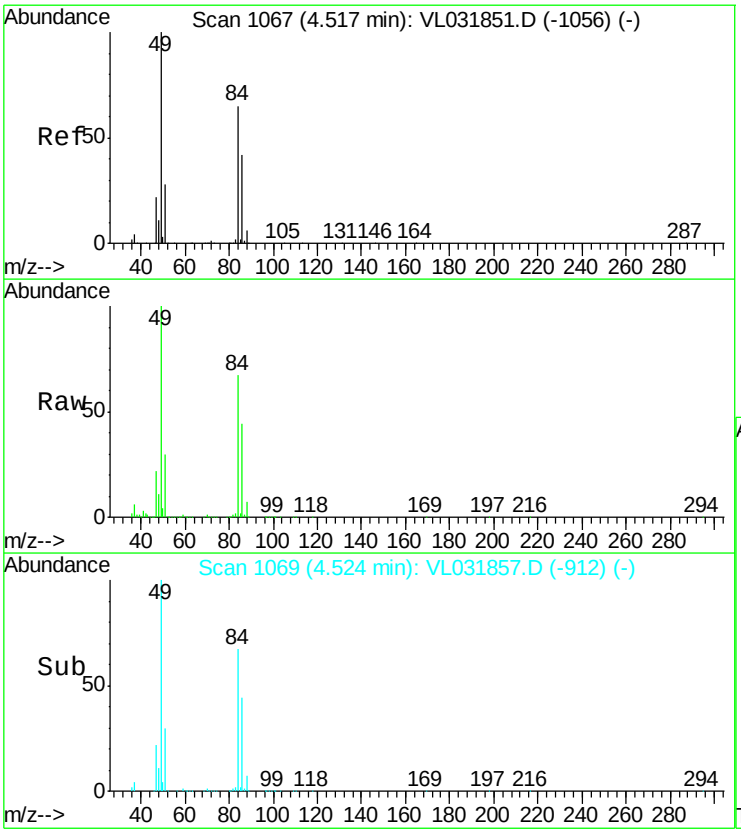
Tgt Ion: 45 Resp: 1382515

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.4	2.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

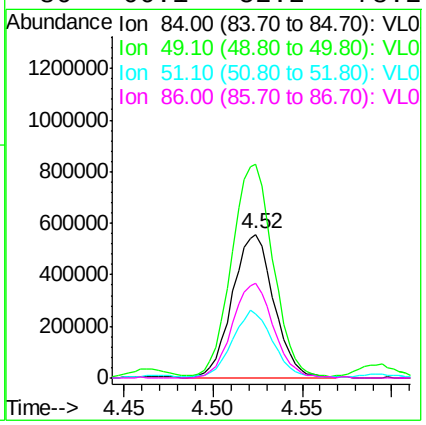
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

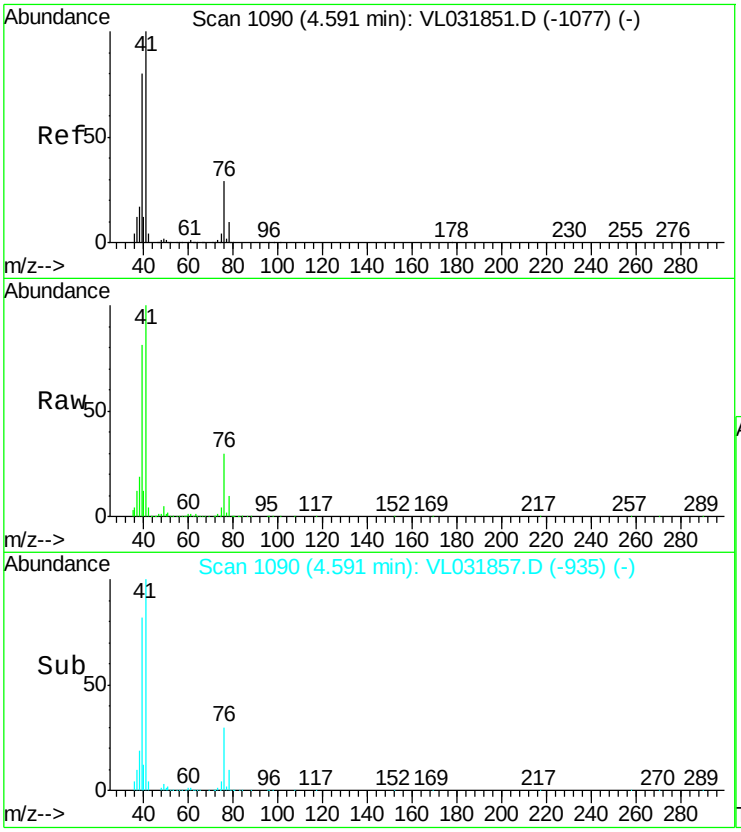


#20
Methylene Chloride
Concen: 11.819 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 84 Resp: 899195

Ion	Ratio	Lower	Upper
84	100		
49	147.9	123.3	184.9
51	44.3	35.0	52.6
86	66.1	52.2	78.2

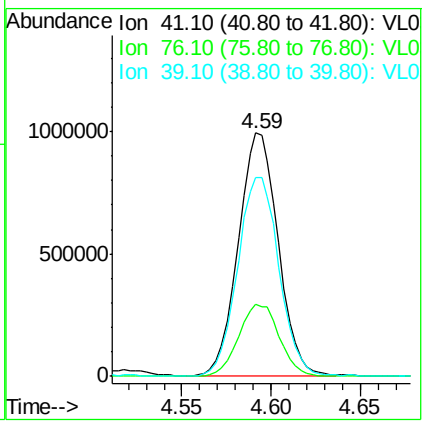




#21
Allvl Chloride
Concen: 12.619 ppbv
RT: 4.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

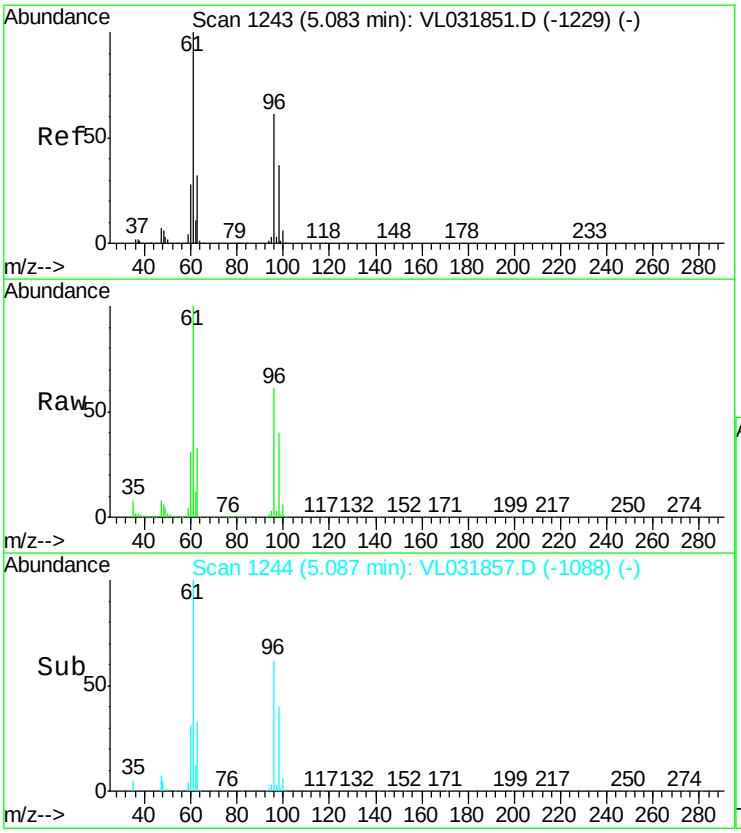
Tgt Ion: 41 Resp: 1536751

Ion	Ratio	Lower	Upper
41	100		
76	30.6	23.4	35.0
39	85.7	65.4	98.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

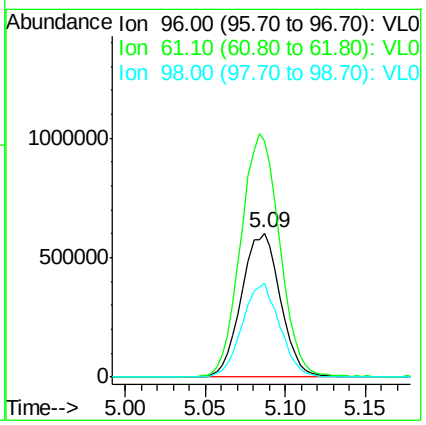
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

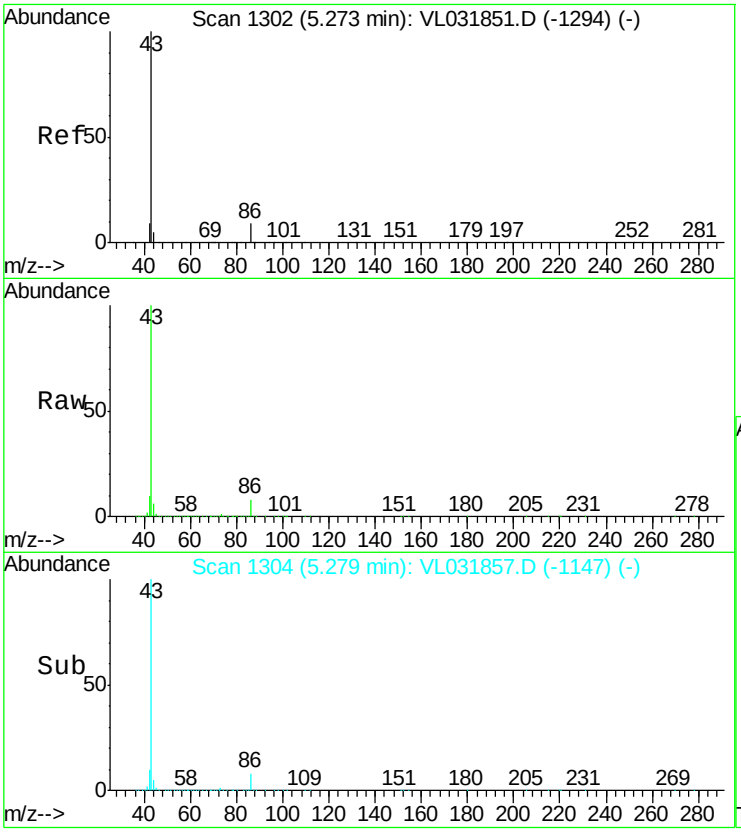


#22
trans-1,2-Dichloroethene
Concen: 12.317 ppbv
RT: 5.09 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 96 Resp: 1000027

Ion	Ratio	Lower	Upper
96	100		
61	163.5	130.2	195.2
98	64.9	48.2	72.2

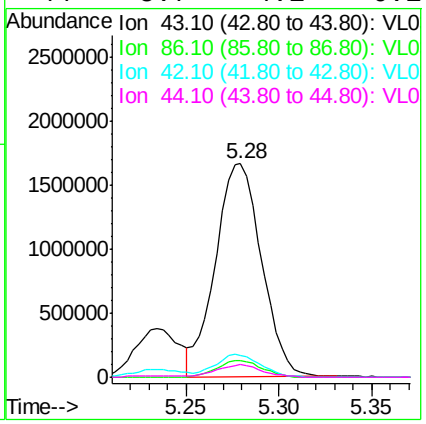




#23
Vinyl Acetate
Concen: 11.564 ppbv
RT: 5.28 min Scan# 1304
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

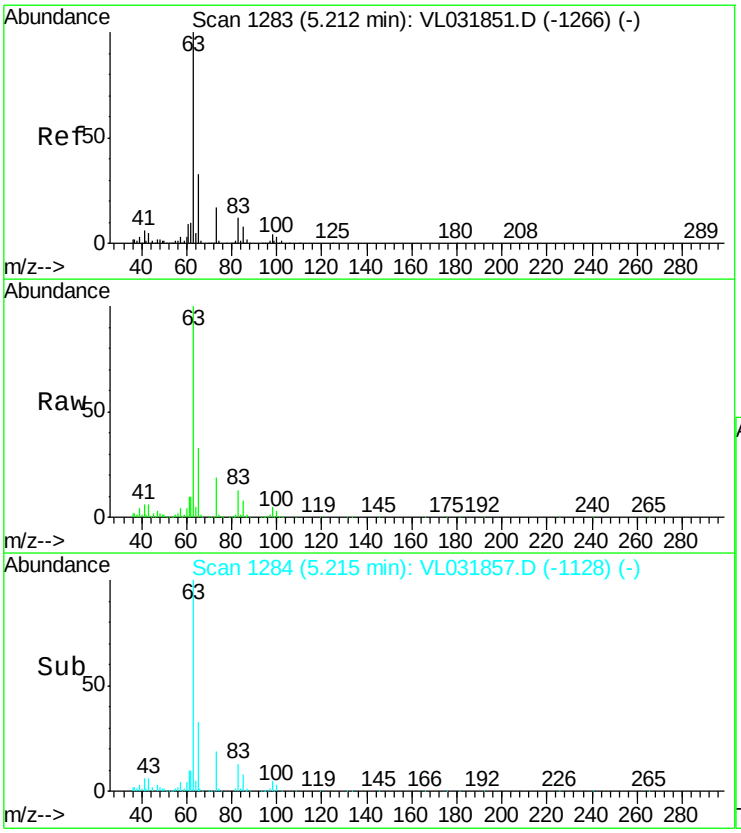
Tgt Ion: 43 Resp: 2881610

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.4	9.6
42	10.2	8.2	12.2
44	5.7	4.1	6.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

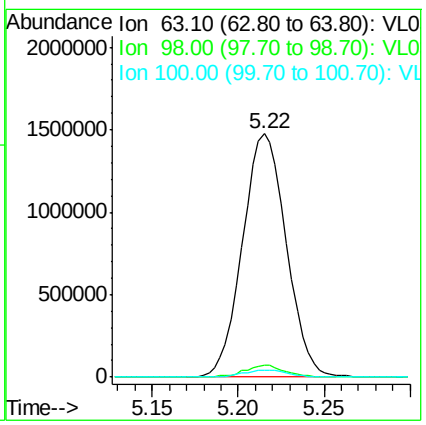
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

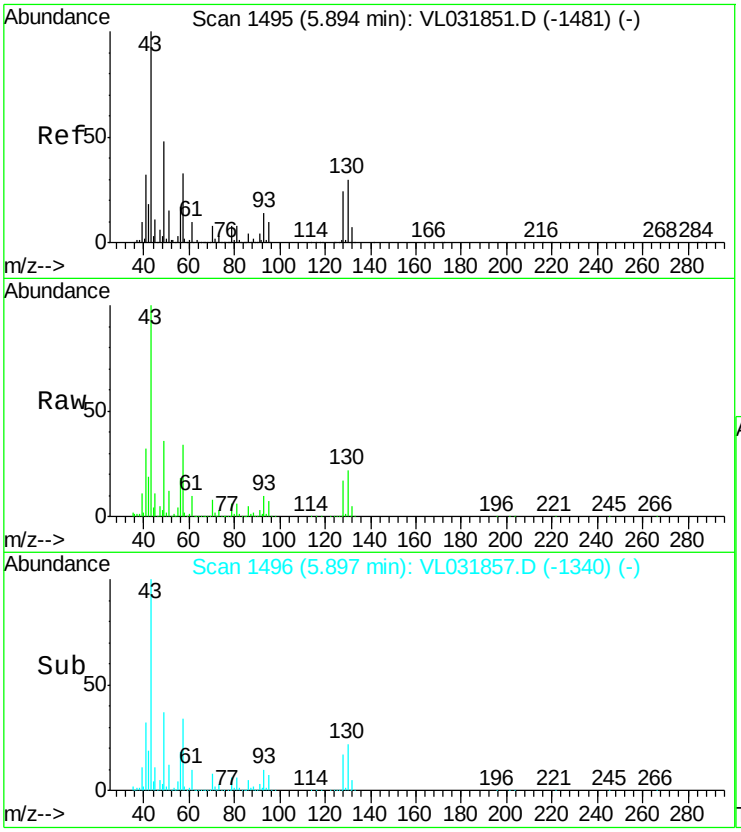


#24
1,1-Dichloroethane
Concen: 12.287 ppbv
RT: 5.22 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 63 Resp: 2594404

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	3.0	1.7	5.0

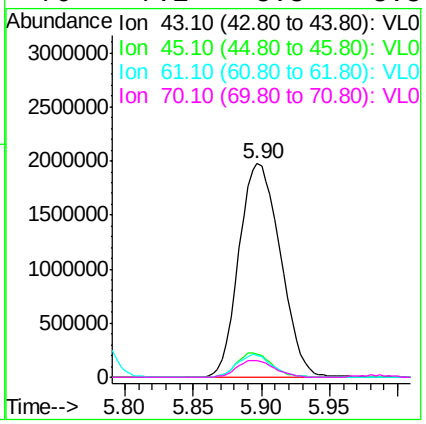




#25
Ethyl Acetate
Concen: 11.844 ppbv
RT: 5.90 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

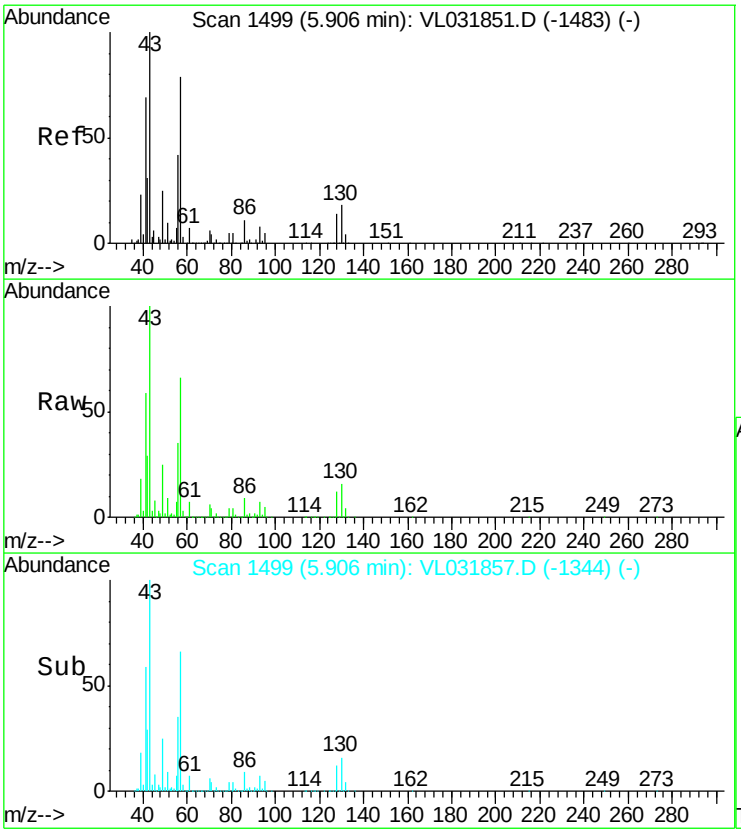
Tgt Ion: 43 Resp: 4167834

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	8.9	7.5	11.3
70	7.1	5.8	8.8



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

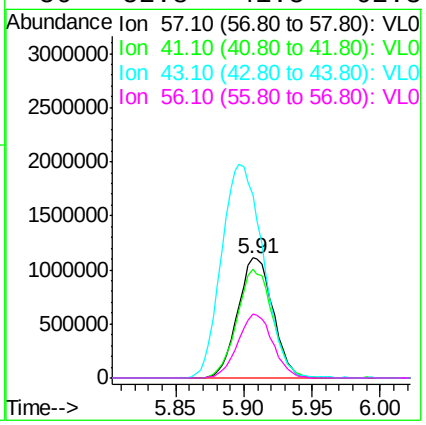
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

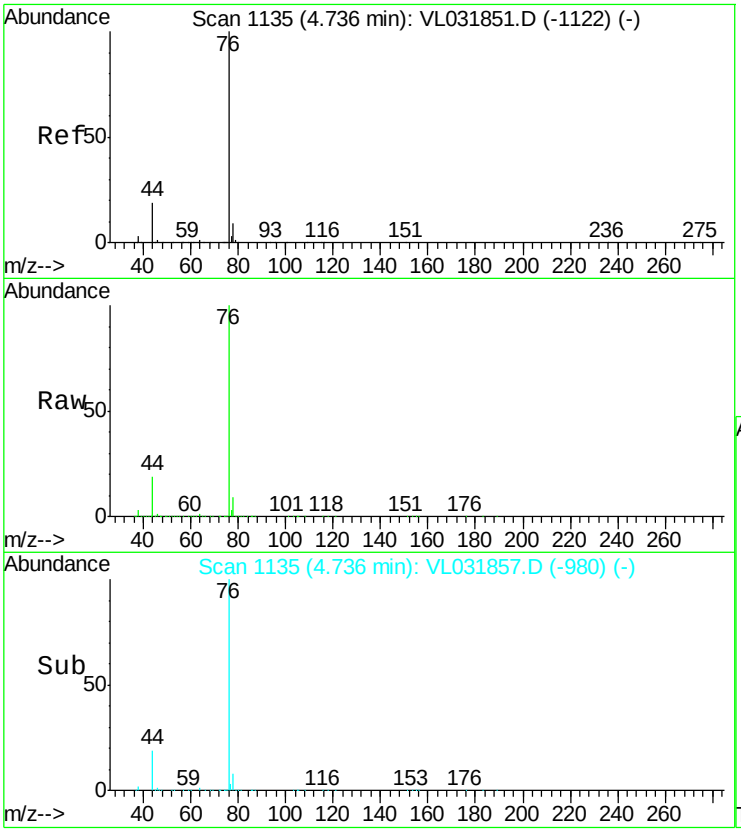


#26
Hexane
Concen: 12.288 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 57 Resp: 1988429

Ion	Ratio	Lower	Upper
57	100		
41	91.9	71.7	107.5
43	210.3	172.0	258.0
56	52.8	41.5	62.3

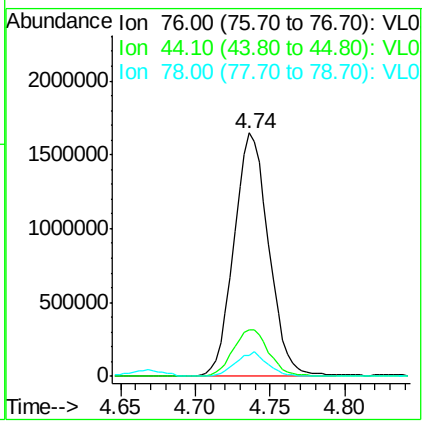




#27
Carbon Disulfide
Concen: 15.081 ppbv
RT: 4.74 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

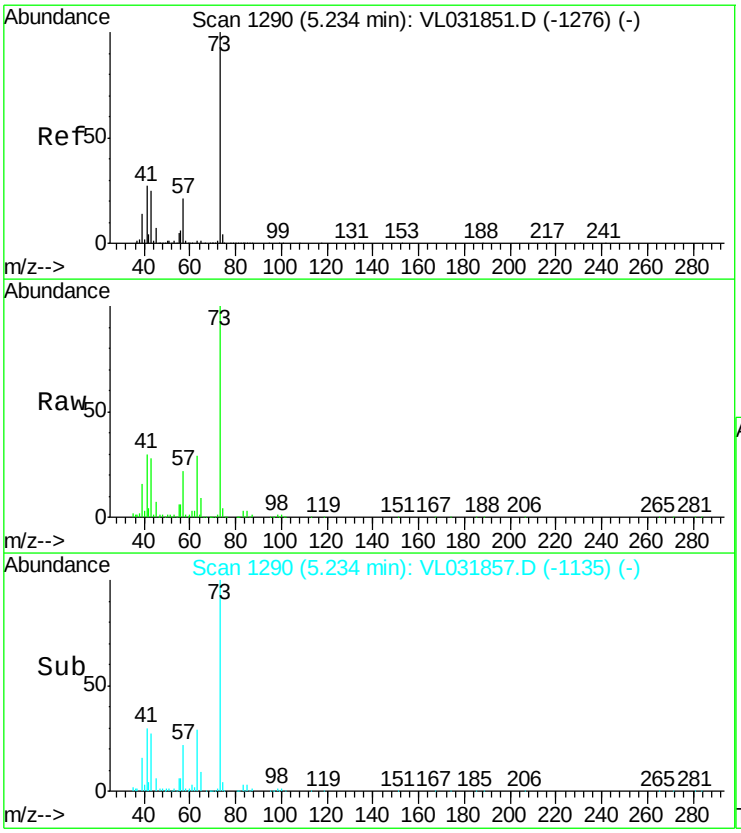
Tgt Ion: 76 Resp: 2666473

Ion	Ratio	Lower	Upper
76	100		
44	19.6	14.8	22.2
78	9.2	7.4	11.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

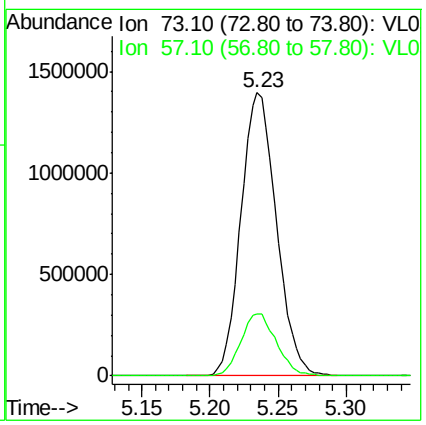
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

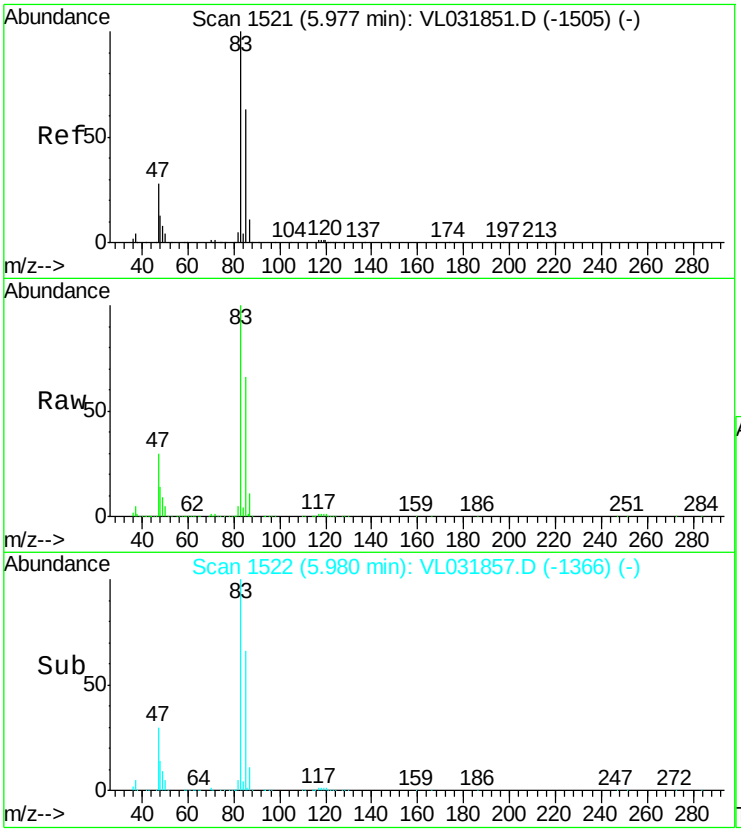


#28
Methyl tert-Butyl Ether
Concen: 11.502 ppbv
RT: 5.23 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 73 Resp: 2519449

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.3	25.9

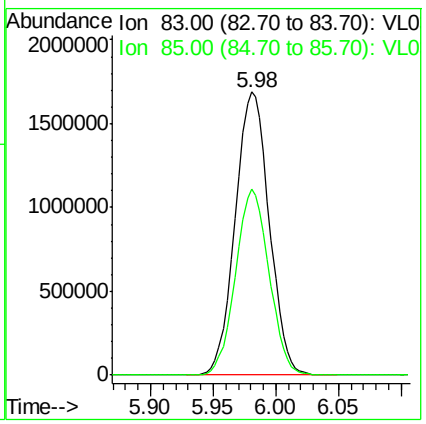




#29
Chloroform
Concen: 12.346 ppbv
RT: 5.98 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

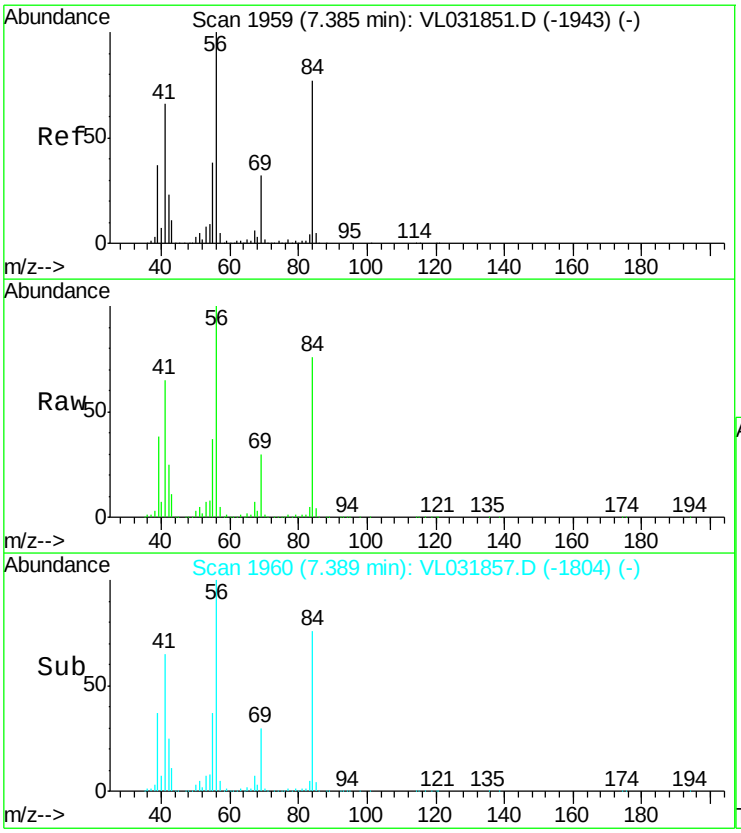
Tgt Ion: 83 Resp: 3183341

Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.4	75.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

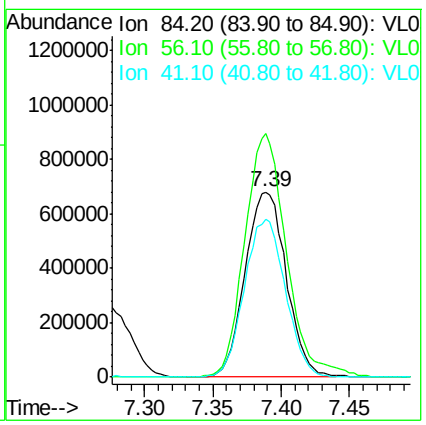
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

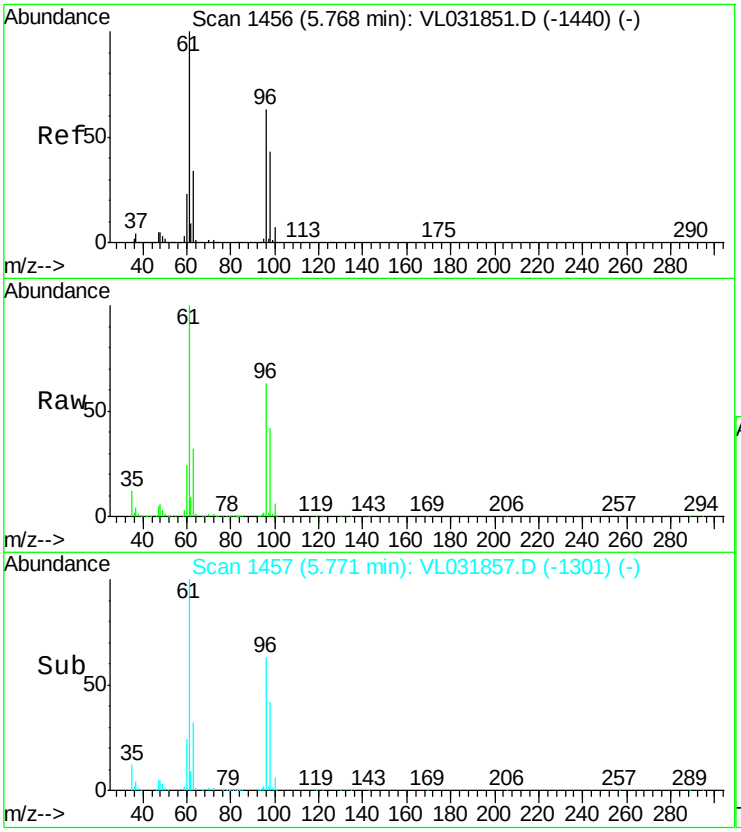


#30
Cyclohexane
Concen: 11.035 ppbv
RT: 7.39 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 84 Resp: 1425696

Ion	Ratio	Lower	Upper
84	100		
56	133.5	108.6	162.8
41	85.6	67.8	101.8

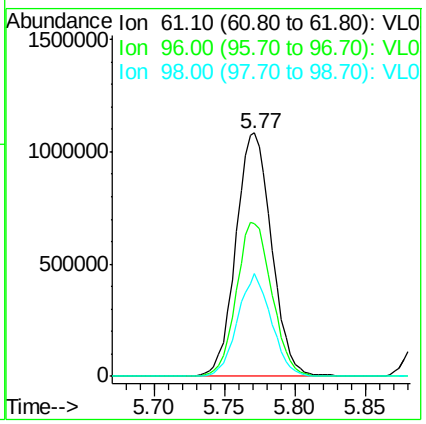




#31
cis-1,2-Dichloroethene
Concen: 12.729 ppbv
RT: 5.77 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

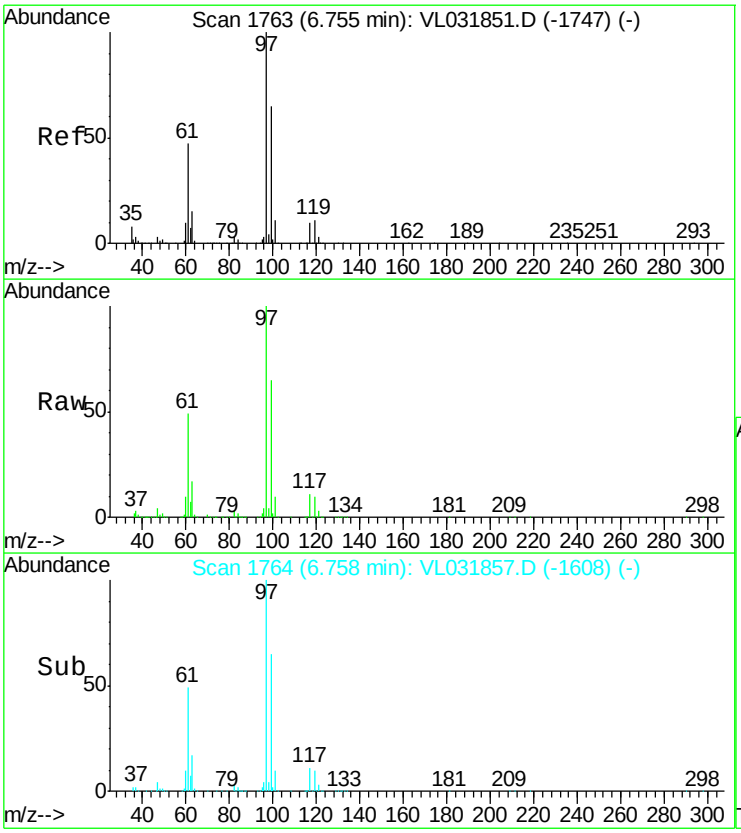
Tgt Ion: 61 Resp: 1916232

Ion	Ratio	Lower	Upper
61	100		
96	62.7	50.4	75.6
98	42.2	34.1	51.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

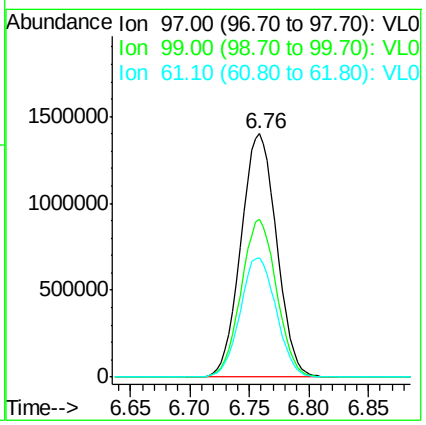
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

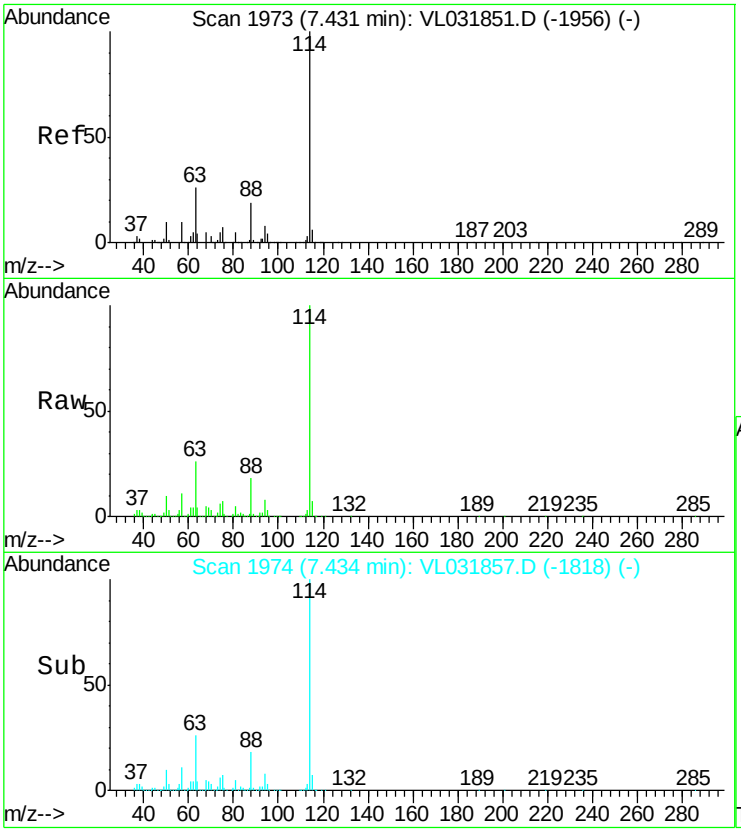


#32
1,1,1-Trichloroethane
Concen: 10.752 ppbv
RT: 6.76 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 97 Resp: 2907062

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	49.7	39.0	58.4

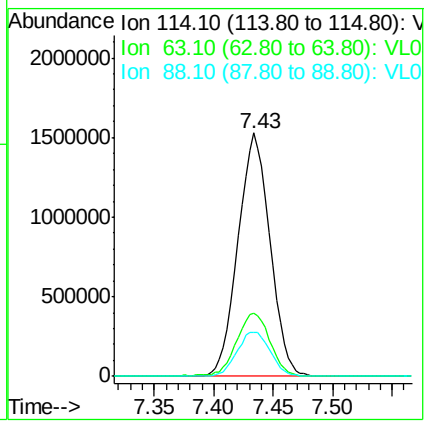




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.43 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

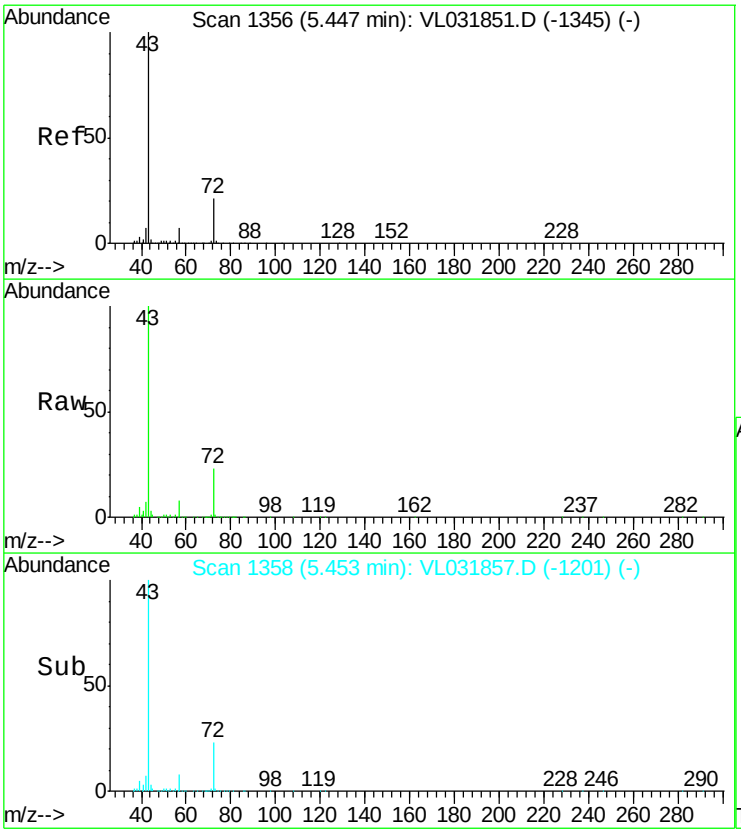
Tgt Ion:114 Resp: 2847652

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.4	32.2
88	18.9	14.7	22.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

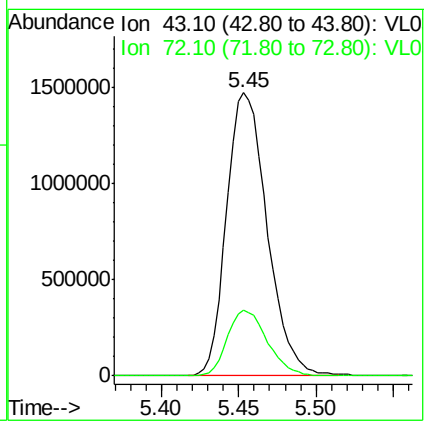
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

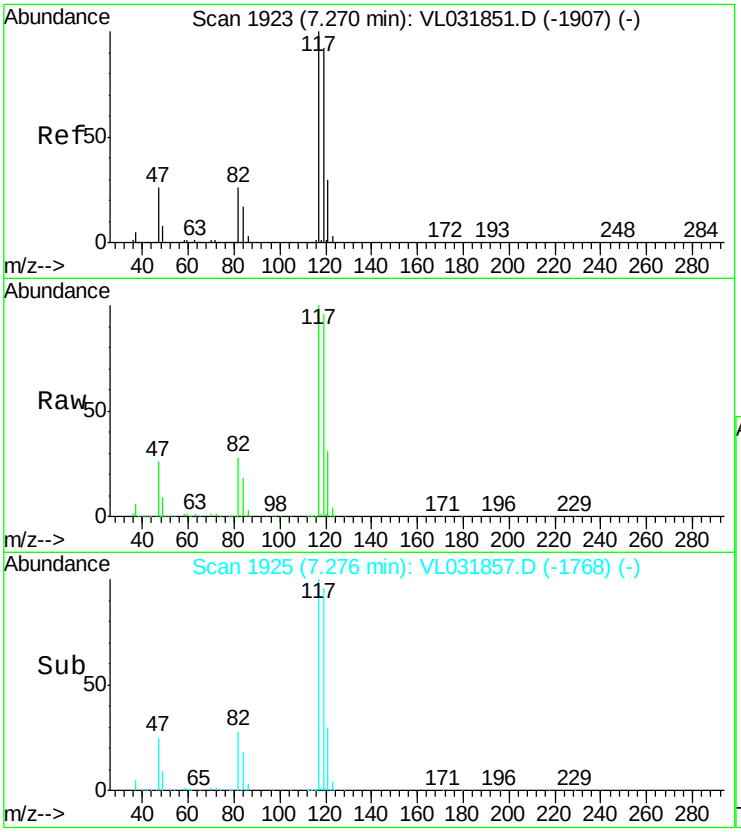


#34
2-Butanone
Concen: 13.618 ppbv
RT: 5.45 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 43 Resp: 2664858

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.6	28.0

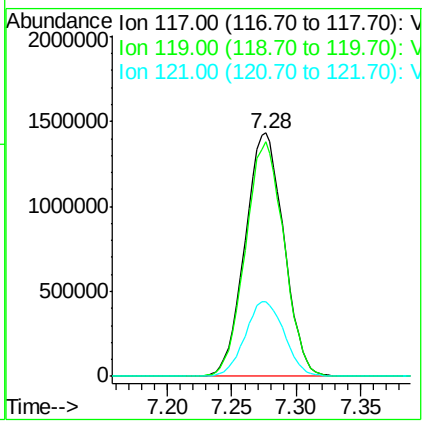




#35
Carbon Tetrachloride
Concen: 14.111 ppbv
RT: 7.28 min Scan# 1925
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

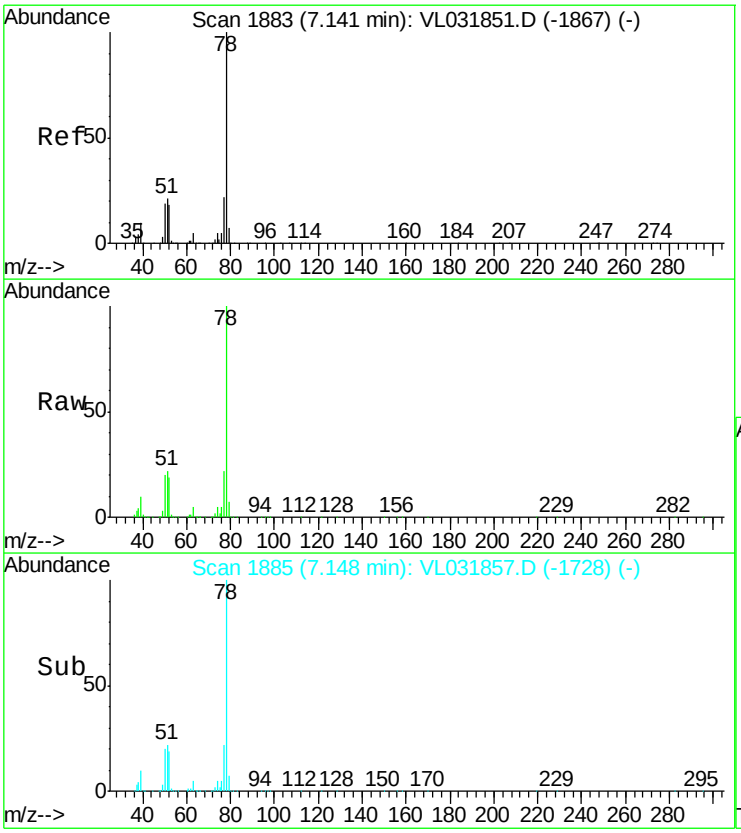
Tgt Ion:117 Resp: 3008003

Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.4	110.0
121	30.5	24.2	36.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

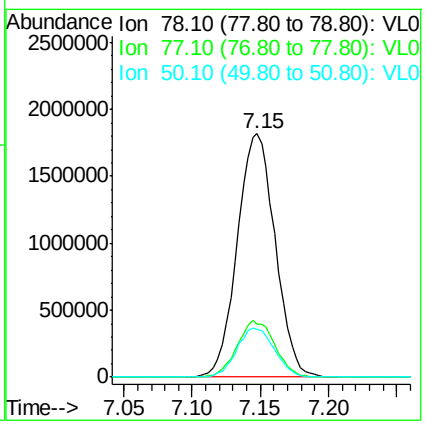
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

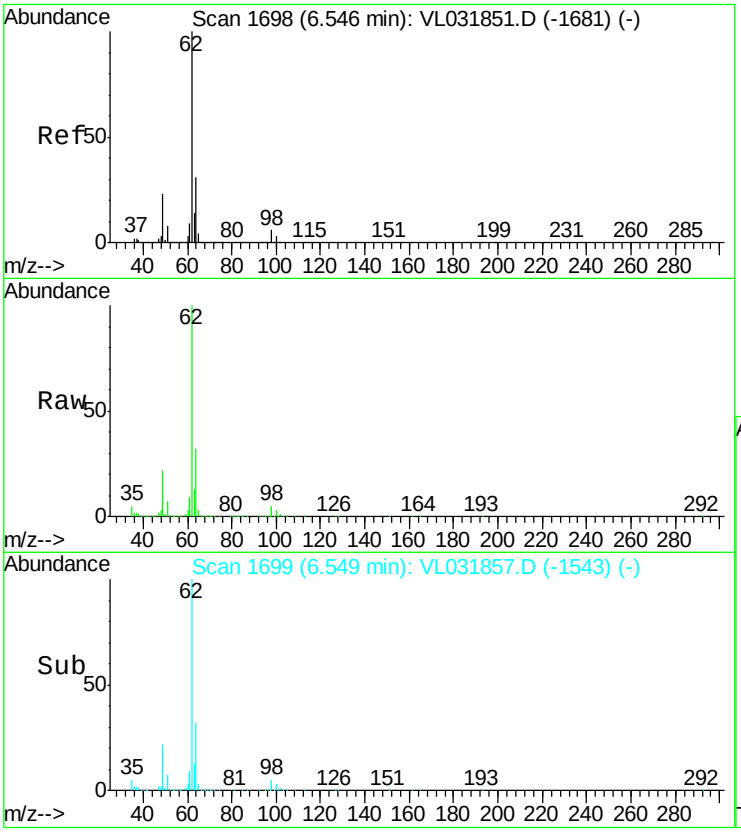


#36
Benzene
Concen: 13.059 ppbv
RT: 7.15 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 78 Resp: 3500686

Ion	Ratio	Lower	Upper
78	100		
77	21.7	17.8	26.8
50	19.7	15.0	22.6

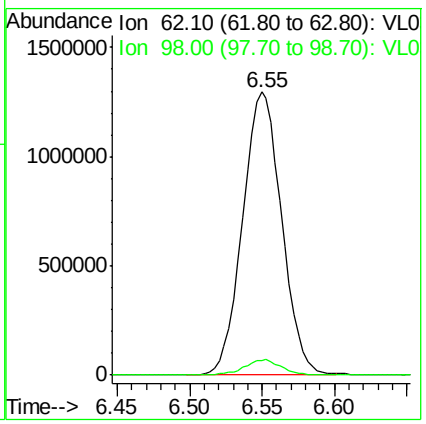




#37
1,2-Dichloroethane
Concen: 13.581 ppbv
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

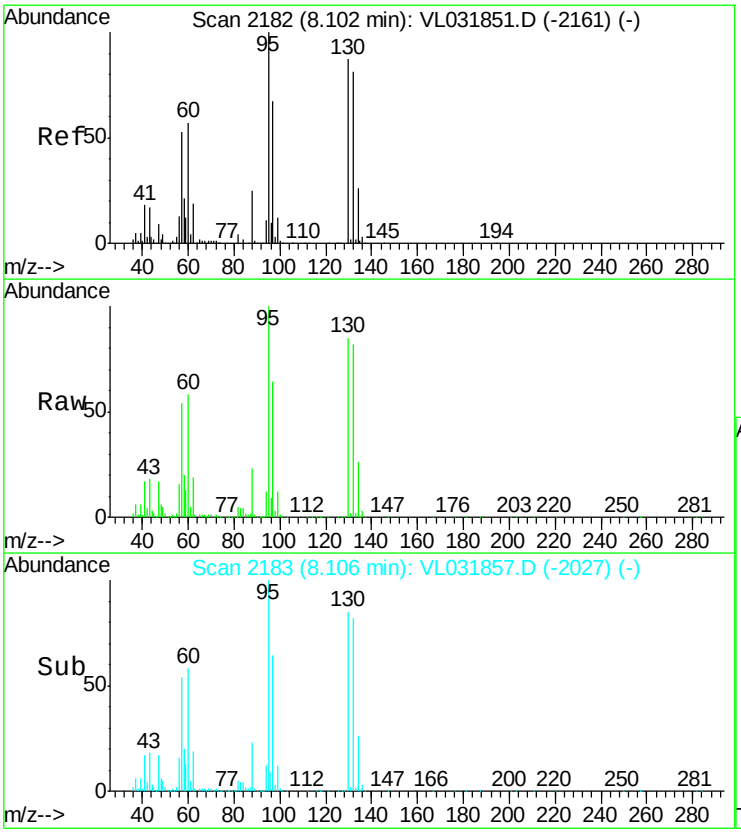
Tgt Ion: 62 Resp: 2426869

Ion	Ratio	Lower	Upper
62	100		
98	5.2	4.5	6.7



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

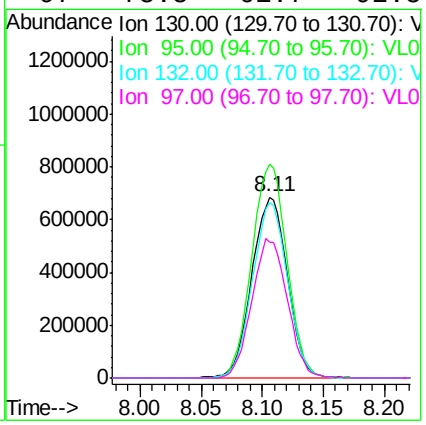
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

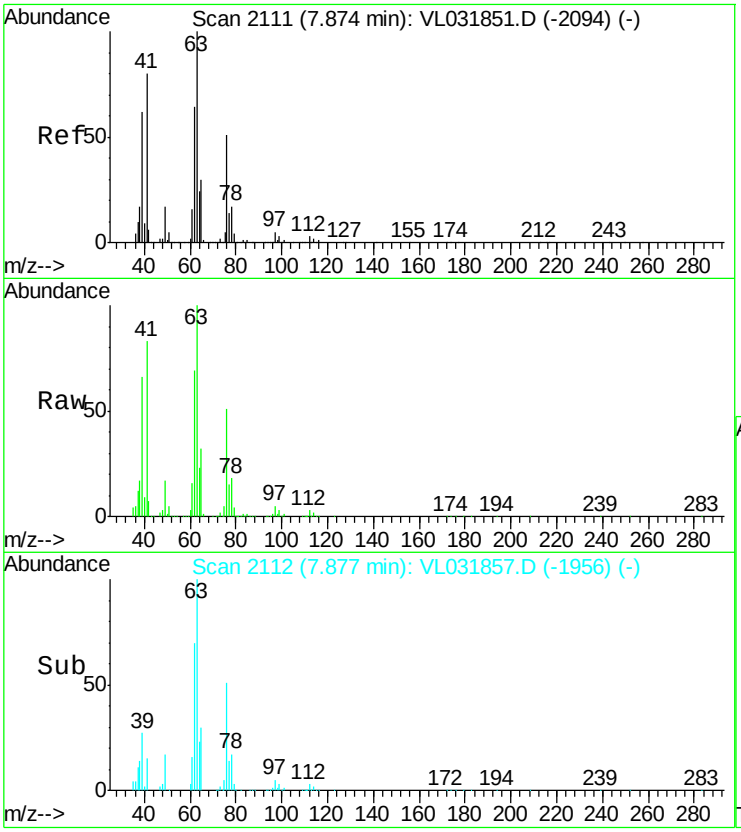


#38
Trichloroethene
Concen: 12.708 ppbv
RT: 8.11 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:130 Resp: 1378866

Ion	Ratio	Lower	Upper
130	100		
95	118.4	92.1	138.1
132	97.2	74.8	112.2
97	75.5	61.7	92.5

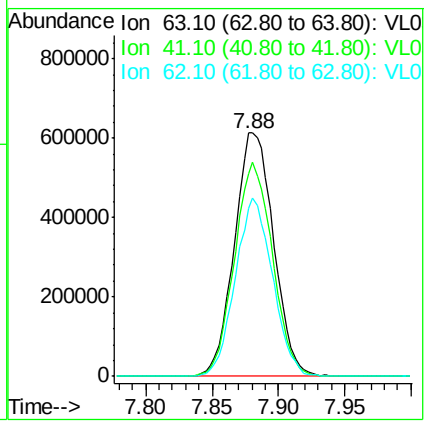




#39
1,2-Dichloropropane
Concen: 12.972 ppbv
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

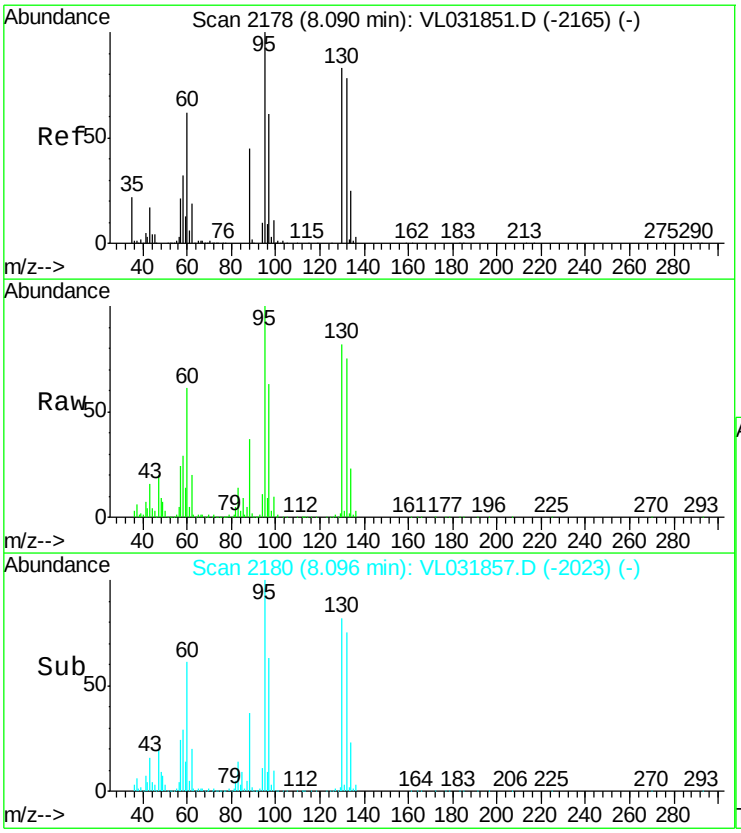
Tgt Ion: 63 Resp: 1256962

Ion	Ratio	Lower	Upper
63	100		
41	83.2	64.1	96.1
62	69.1	51.5	77.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

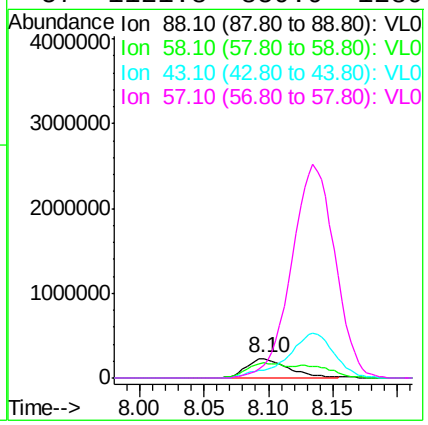
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

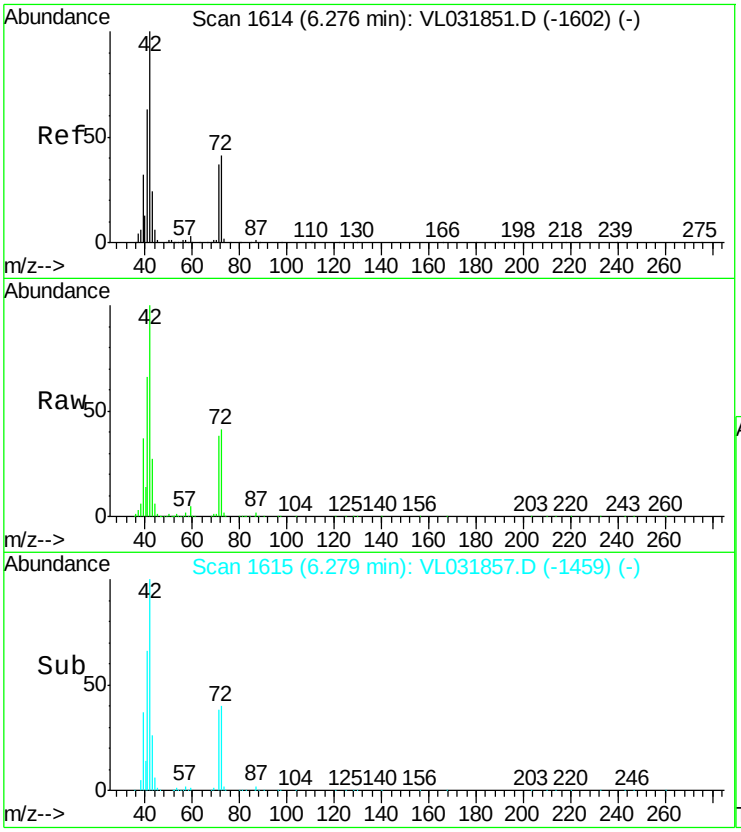


#40
1,4-Dioxane
Concen: 13.517 ppbv
RT: 8.10 min Scan# 2180
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 88 Resp: 526072

Ion	Ratio	Lower	Upper
88	100		
58	127.9	99.3	148.9
43	258.0	197.3	295.9
57	1121.8	859.9	1289.9

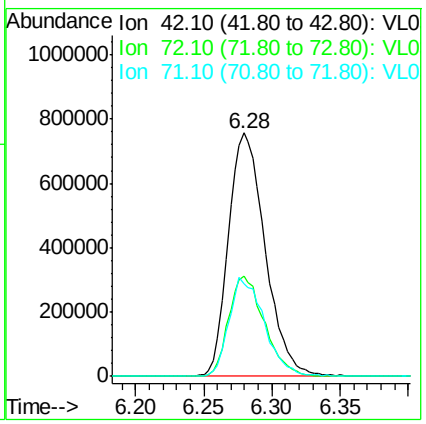




#41
Tetrahydrofuran
Concen: 14.434 ppbv
RT: 6.28 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

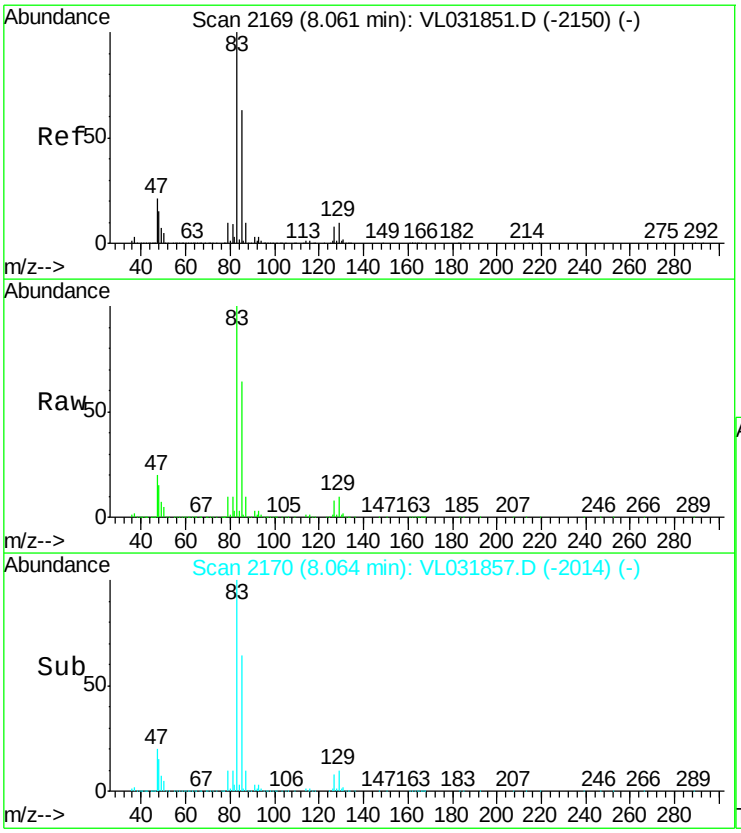
Tgt Ion: 42 Resp: 1416479

Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.5	48.7
71	39.1	31.3	46.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

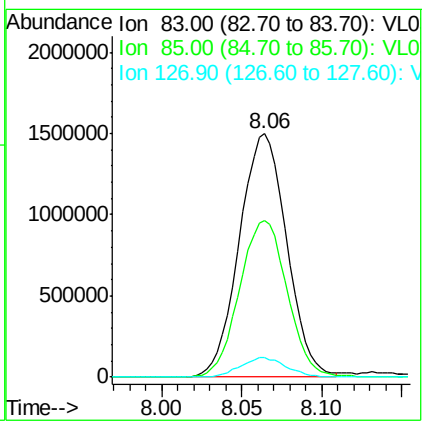
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

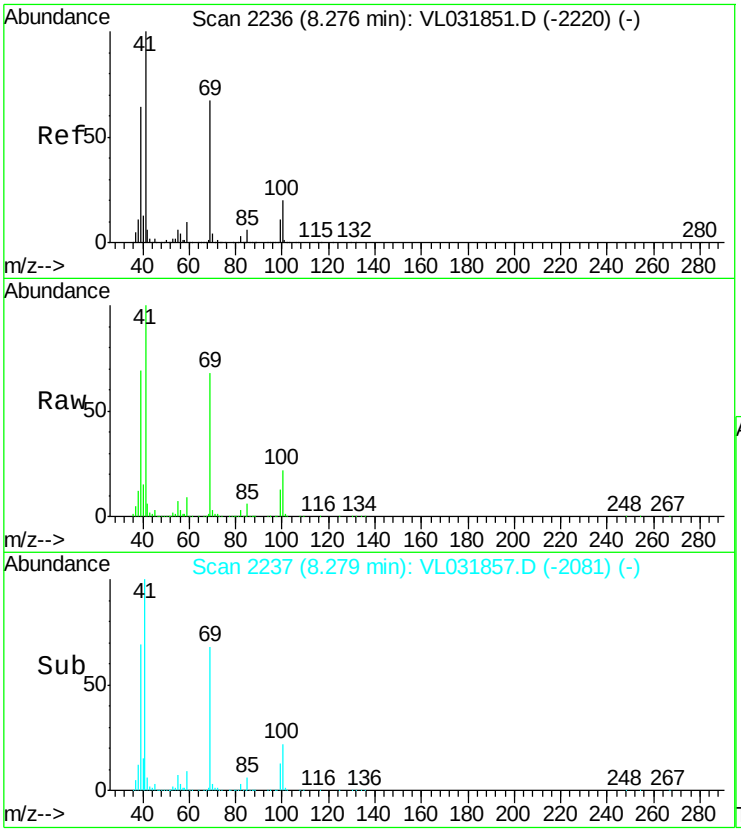


#42
Bromodichloromethane
Concen: 14.332 ppbv
RT: 8.06 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 83 Resp: 3037481

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	8.3	6.1	9.1

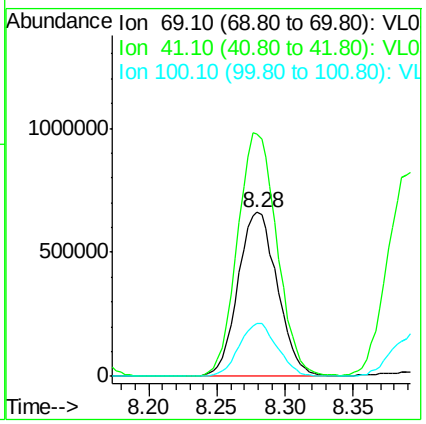




#43
Methyl Methacrylate
Concen: 14.043 ppbv
RT: 8.28 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

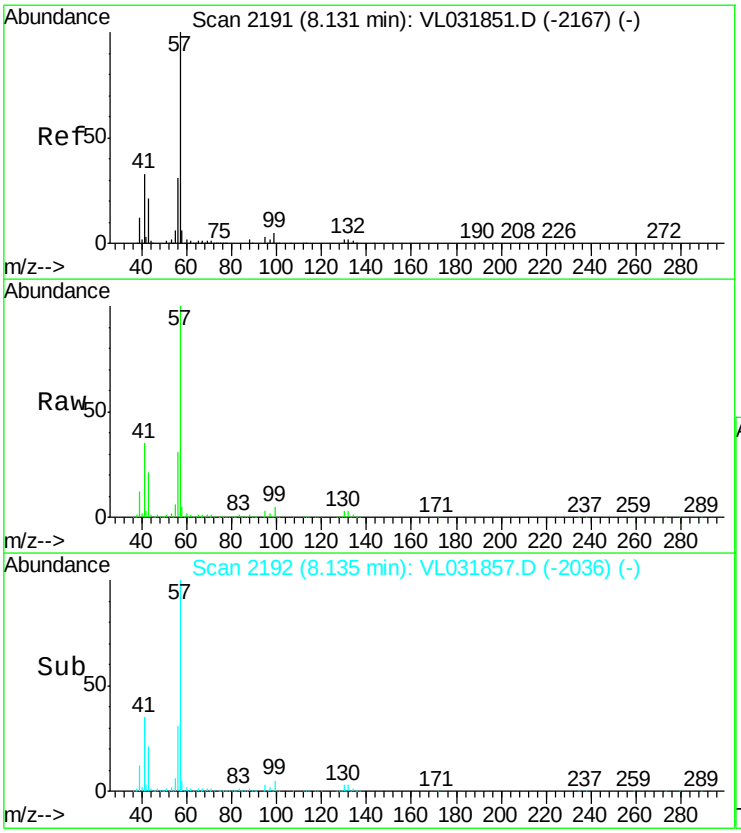
Tgt Ion: 69 Resp: 1328545

Ion	Ratio	Lower	Upper
69	100		
41	148.1	119.8	179.8
100	31.5	24.9	37.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

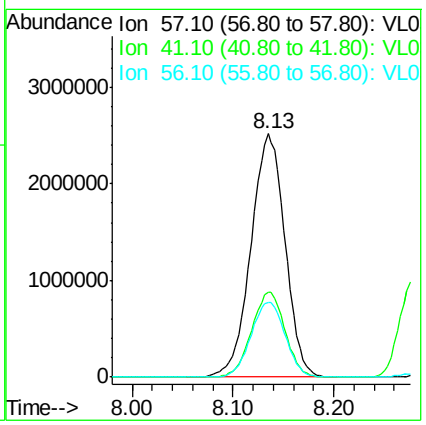
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

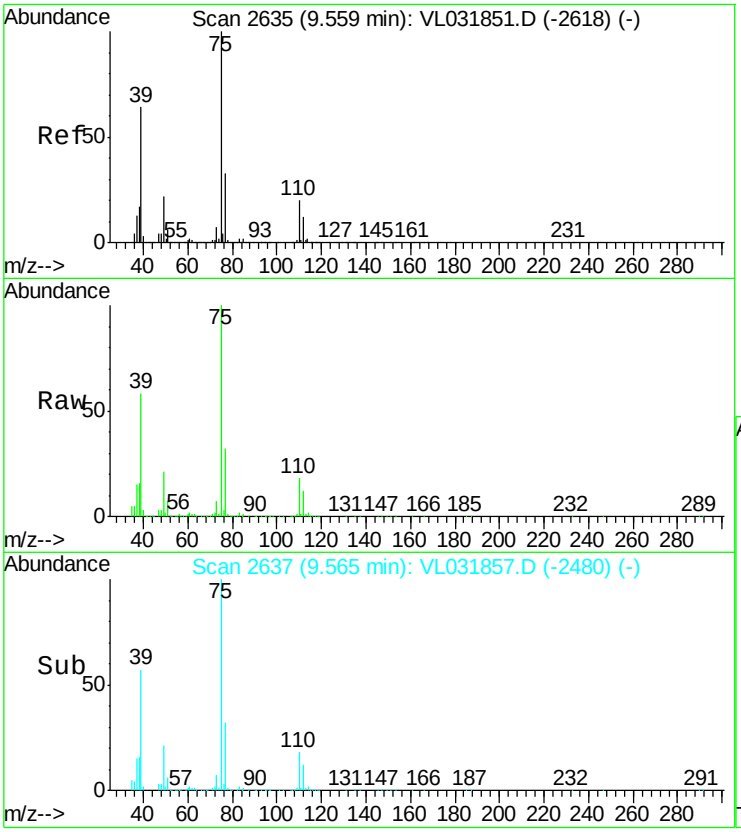


#44
2,2,4-Trimethylpentane
Concen: 13.511 ppbv
RT: 8.13 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 57 Resp: 5895805

Ion	Ratio	Lower	Upper
57	100		
41	34.2	26.5	39.7
56	30.9	24.2	36.4

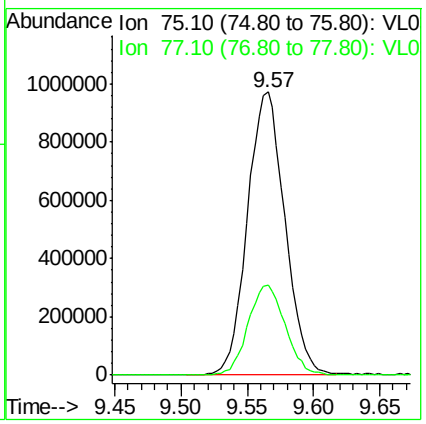




#45
t-1,3-Dichloropropene
Concen: 14.916 ppbv
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

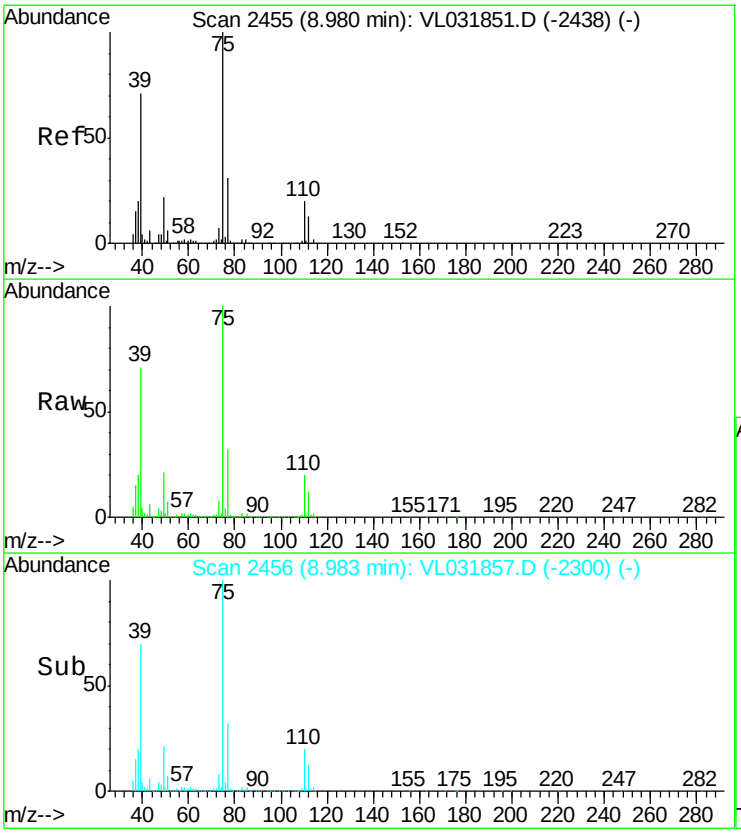
Tgt Ion: 75 Resp: 1913267

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

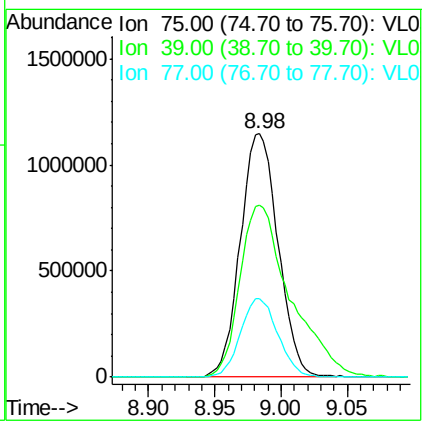
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

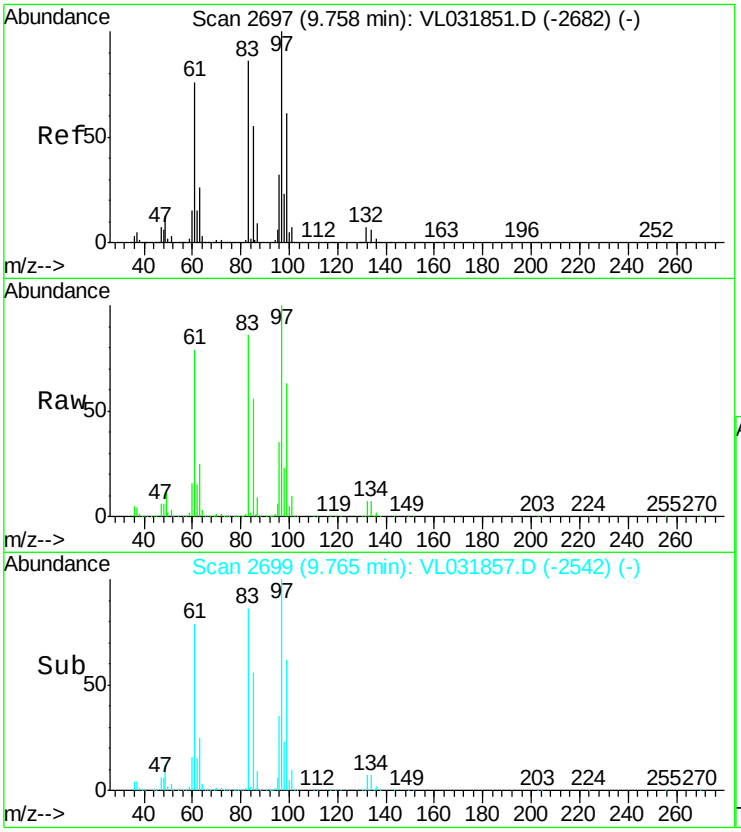


#46
cis-1,3-Dichloropropene
Concen: 14.190 ppbv
RT: 8.98 min Scan# 2456
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 75 Resp: 2274289

Ion	Ratio	Lower	Upper
75	100		
39	70.5	56.9	85.3
77	32.3	25.1	37.7

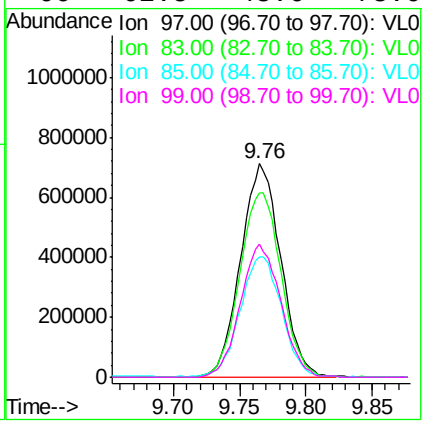




#47
1,1,2-Trichloroethane
Concen: 13.594 ppbv
RT: 9.76 min Scan# 2699
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

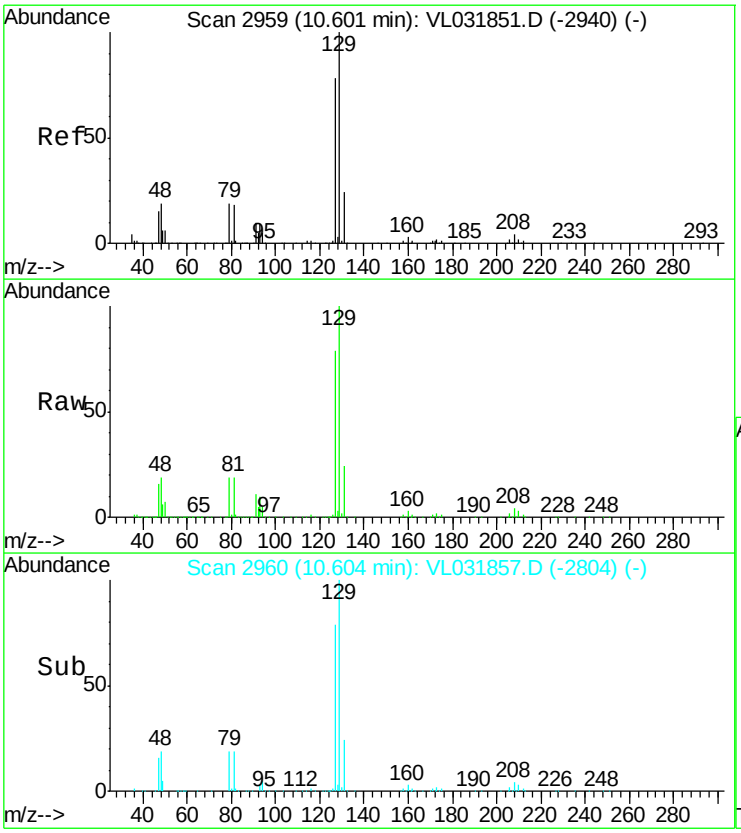
Tgt Ion: 97 Resp: 1502986

Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	55.8	44.5	66.7
99	62.5	48.6	73.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

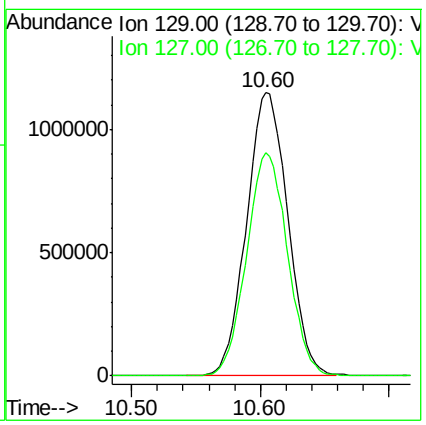
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

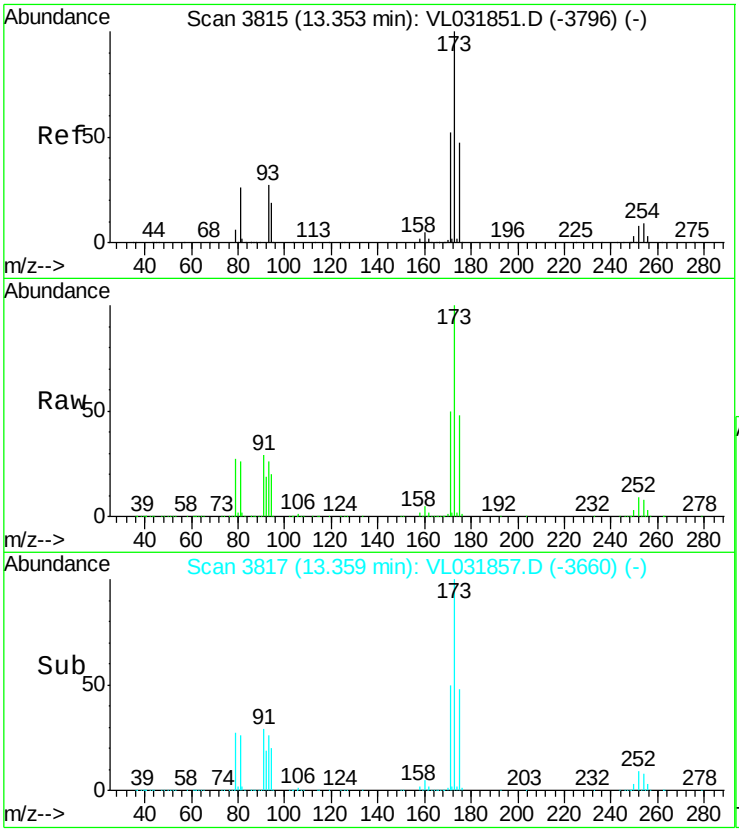


#48
Dibromochloromethane
Concen: 14.880 ppbv
RT: 10.60 min Scan# 2960
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:129 Resp: 2561681

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.2

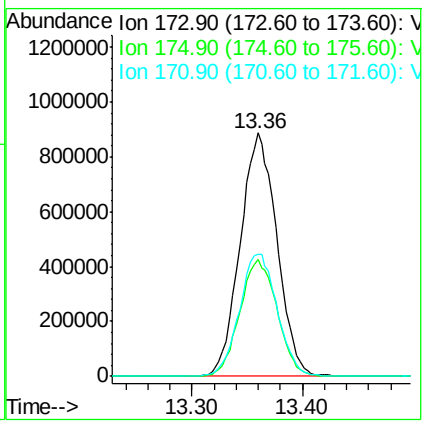




#49
Bromoform
Concen: 16.177 ppbv
RT: 13.36 min Scan# 3817
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

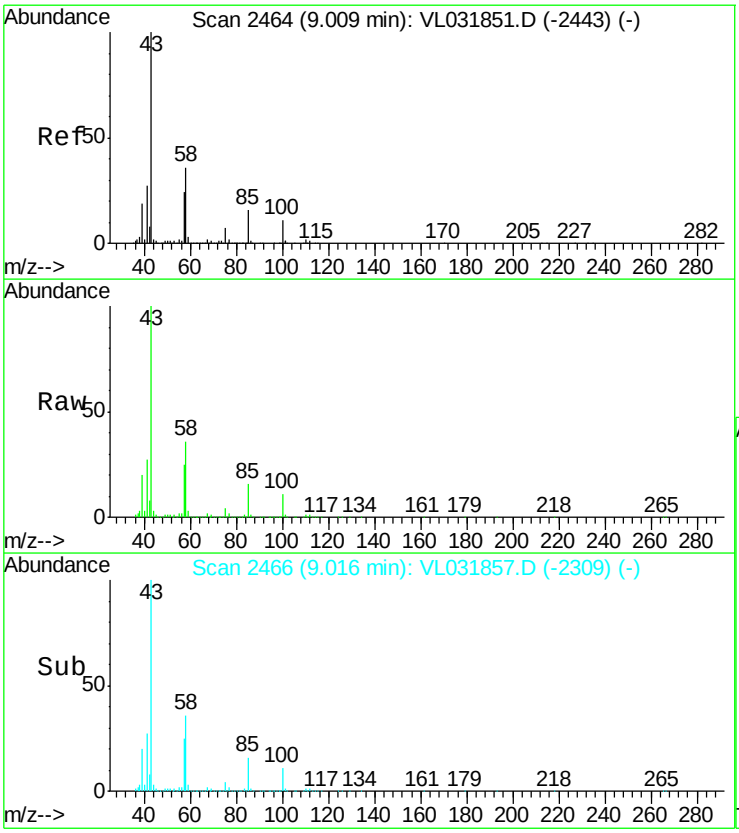
Tgt Ion:173 Resp: 2045980

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.4	59.0
171	51.5	42.2	63.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

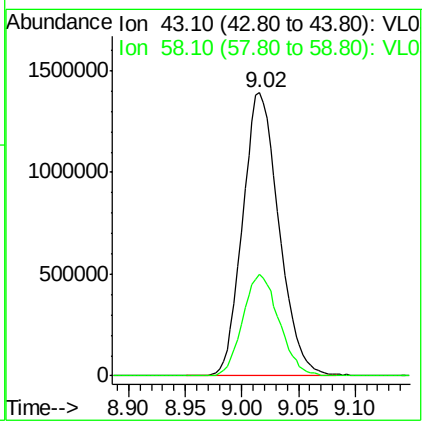
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

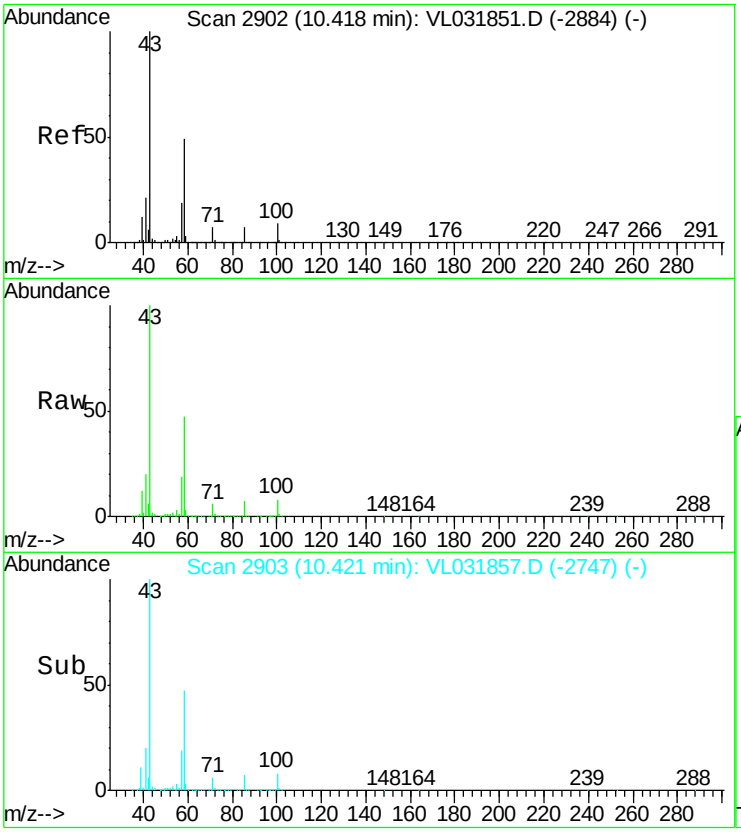


#50
4-Methyl-2-Pentanone
Concen: 13.774 ppbv
RT: 9.02 min Scan# 2466
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 43 Resp: 3111995

Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.1	43.7

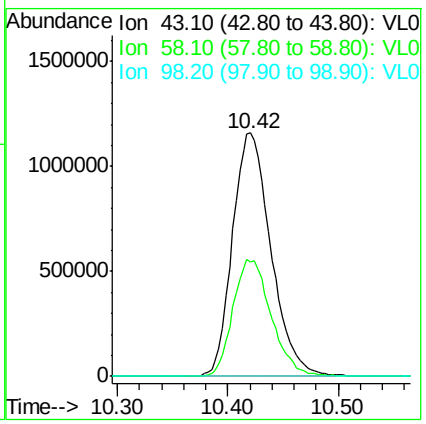




#51
2-Hexanone
Concen: 13.348 ppbv
RT: 10.42 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

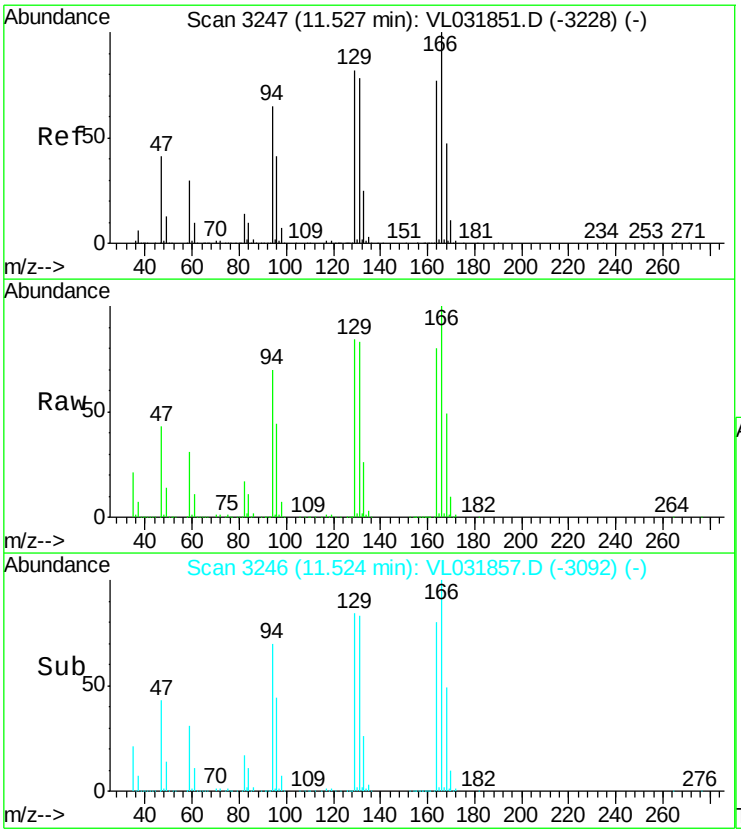
Tgt Ion: 43 Resp: 2791092

Ion	Ratio	Lower	Upper
43	100		
58	48.0	38.4	57.6
98	0.3	0.2	0.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

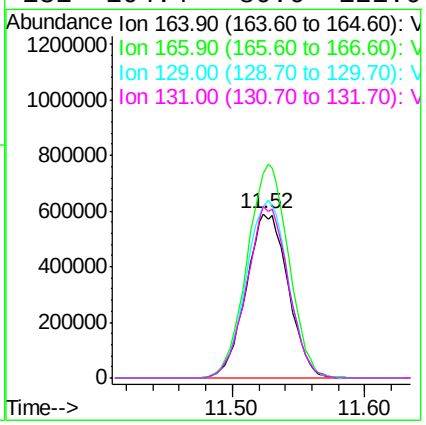
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

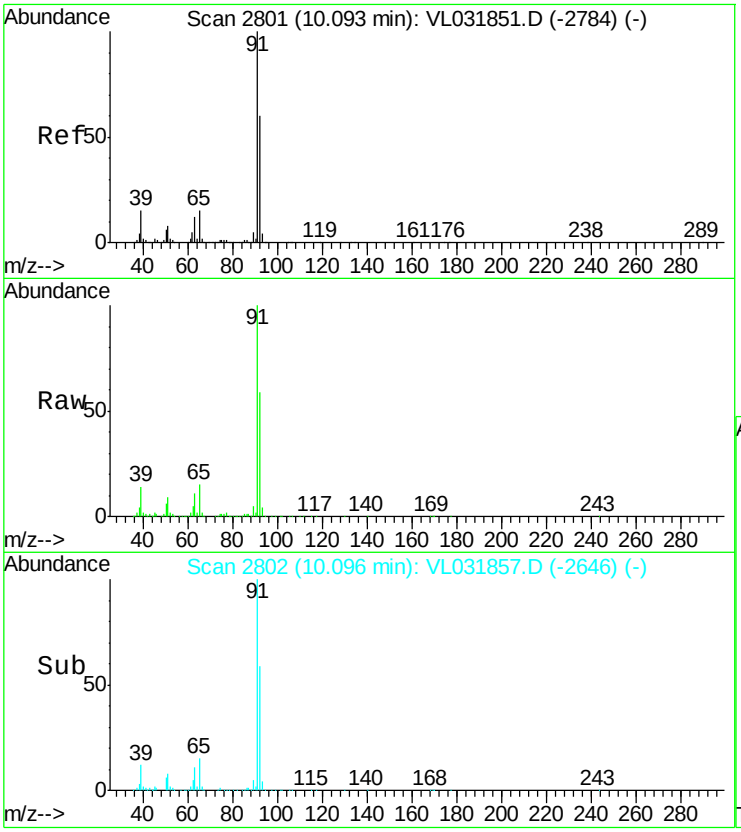


#52
Tetrachloroethene
Concen: 12.039 ppbv
RT: 11.52 min Scan# 3246
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:164 Resp: 1301846

Ion	Ratio	Lower	Upper
164	100		
166	125.2	103.3	154.9
129	104.7	84.2	126.4
131	104.4	80.6	121.0





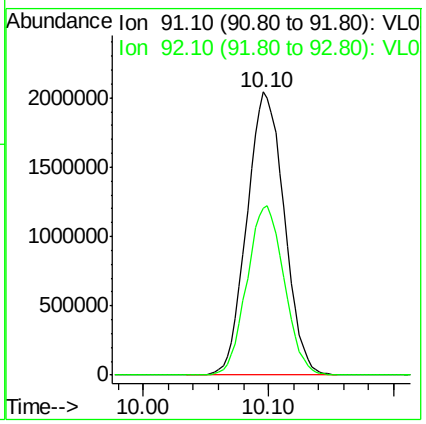
#53
Toluene
Concen: 13.678 ppbv
RT: 10.10 min Scan# 2802
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

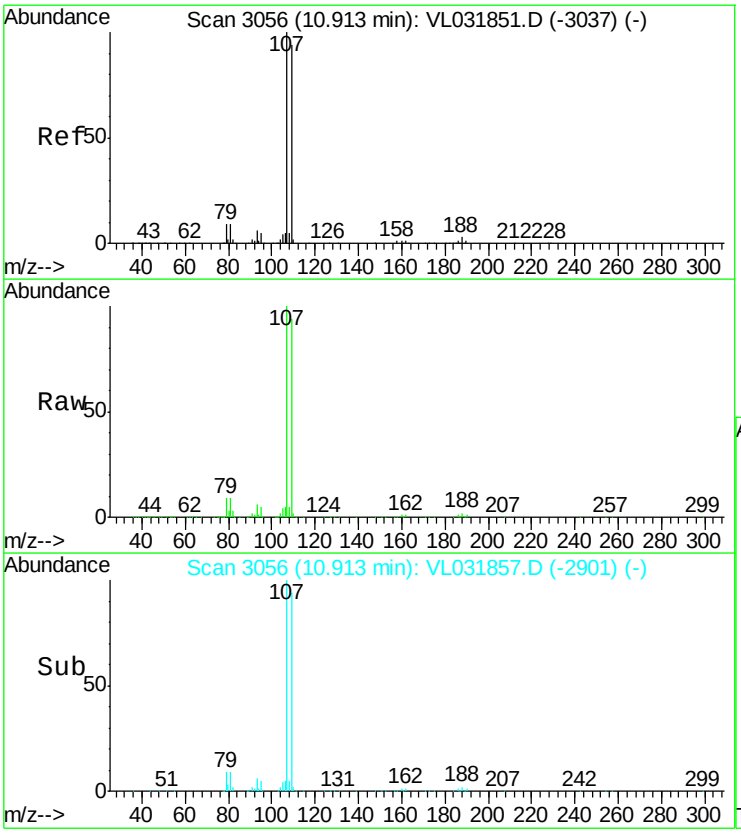
Tgt Ion: 91 Resp: 4231961

Ion	Ratio	Lower	Upper
91	100		
92	59.8	47.2	70.8

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

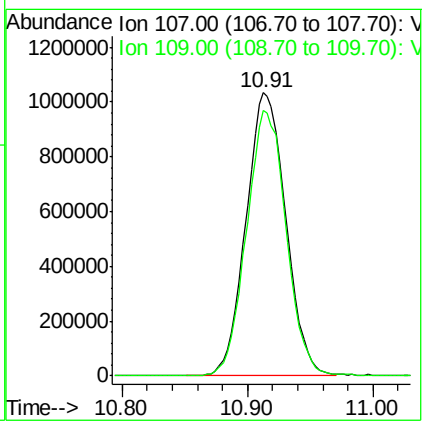


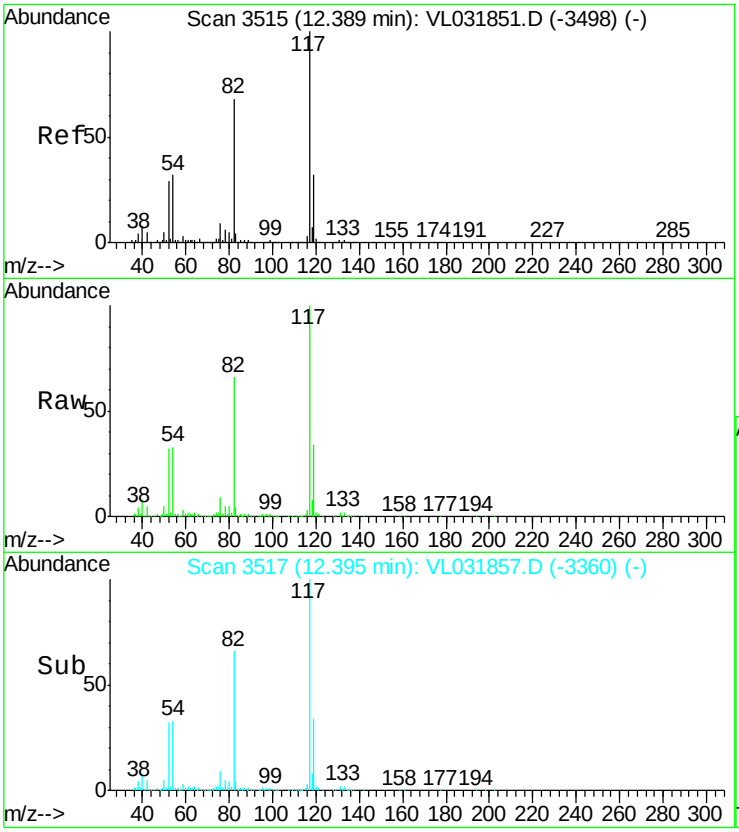


#54
1,2-Dibromoethane
Concen: 13.638 ppbv
RT: 10.91 min Scan# 3056
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:107 Resp: 2278904

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7





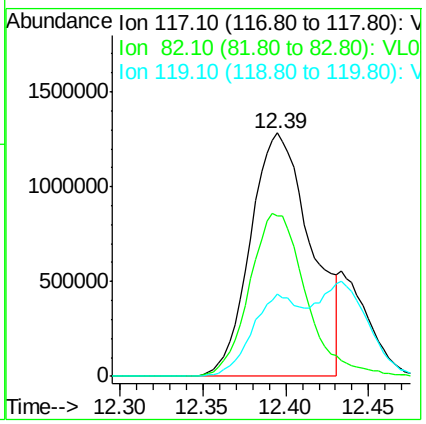
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.39 min Scan# 3517
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

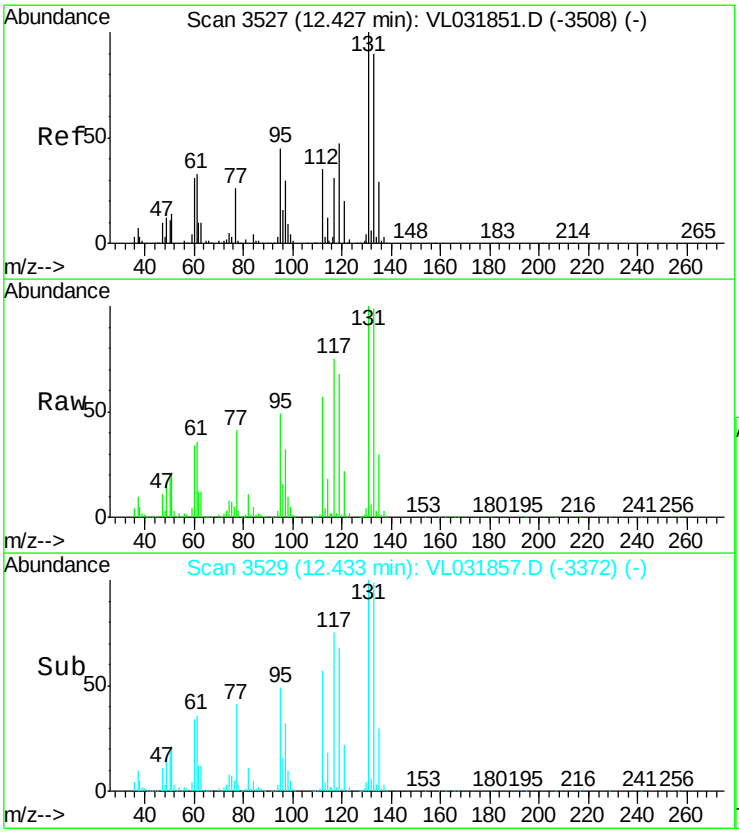
Tgt Ion:117 Resp: 3266569

Ion	Ratio	Lower	Upper
117	100		
82	62.5	52.9	79.3
119	28.8	43.8	65.6#

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

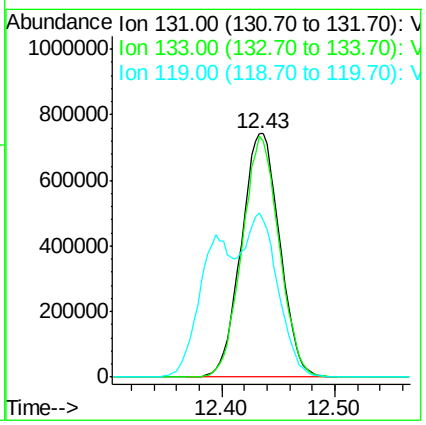


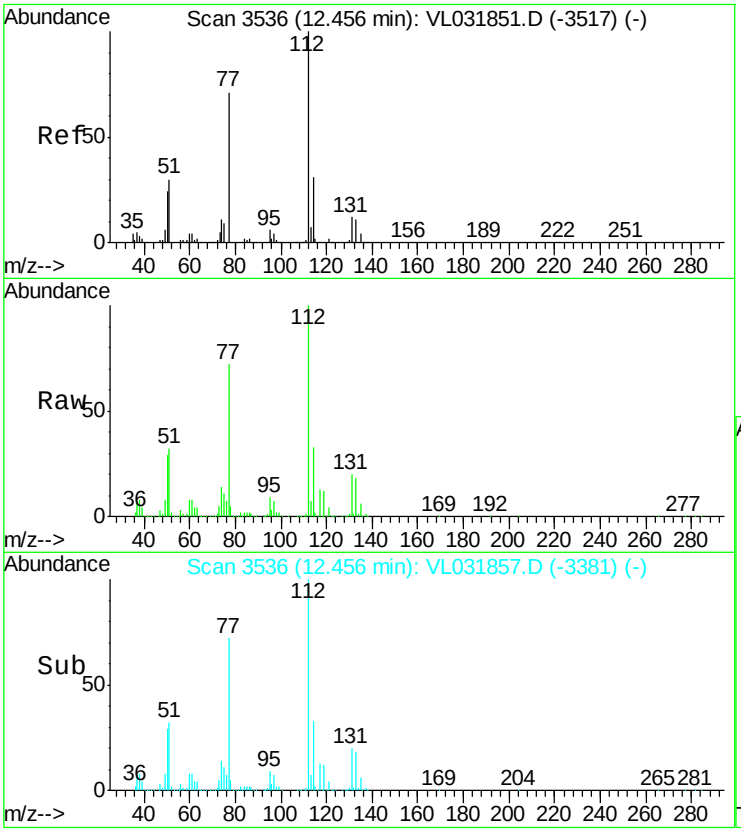


#56
1,1,1,2-Tetrachloroethane
Concen: 11.653 ppbv
RT: 12.43 min Scan# 3529
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:131 Resp: 1753294

Ion	Ratio	Lower	Upper
131	100		
133	95.3	75.9	113.9
119	59.3	106.7	160.1#

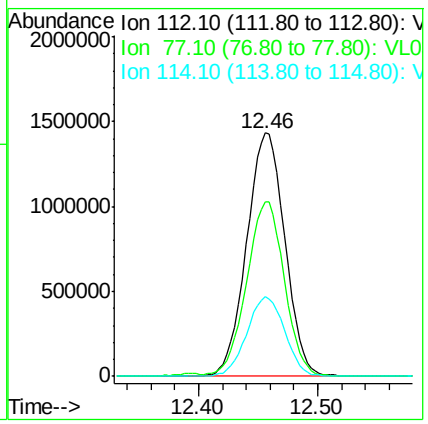




#57
Chlorobenzene
Concen: 10.835 ppbv
RT: 12.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

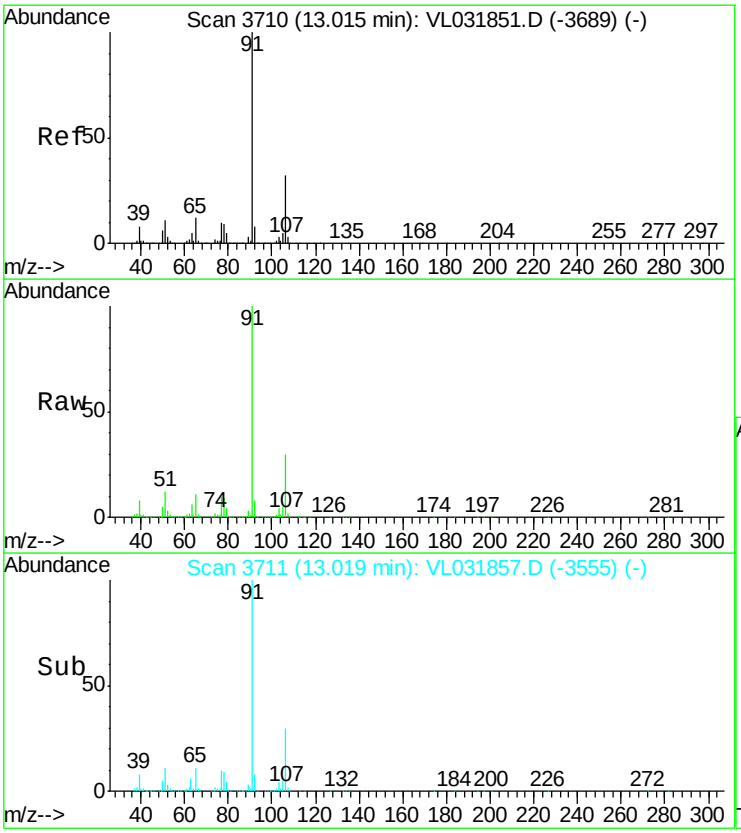
Tgt Ion:112 Resp: 3179916

Ion	Ratio	Lower	Upper
112	100		
77	71.4	58.2	87.2
114	32.5	28.4	34.7



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

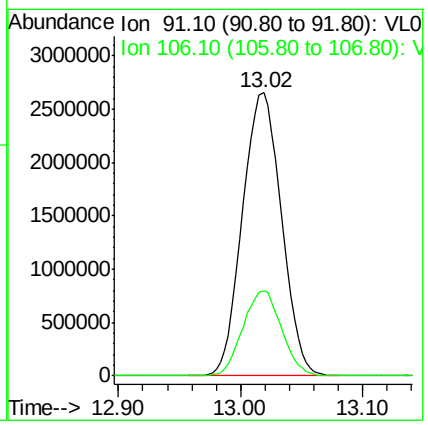
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

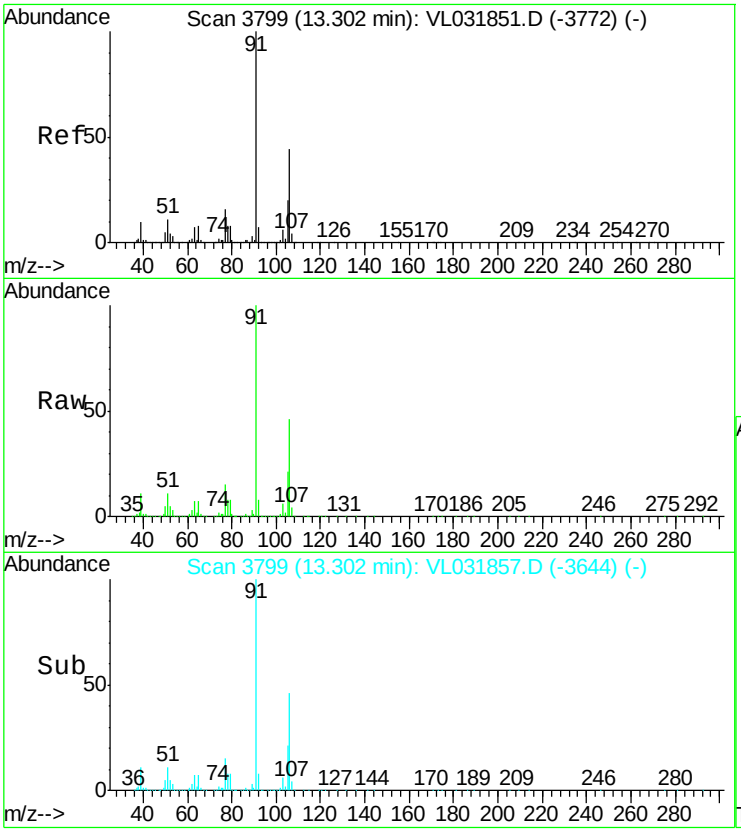


#58
Ethyl Benzene
Concen: 11.273 ppbv
RT: 13.02 min Scan# 3711
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 91 Resp: 5866330

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.4	38.0

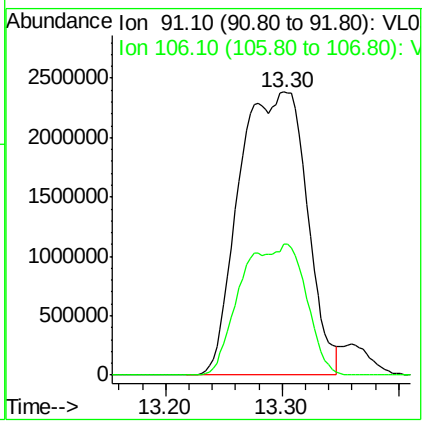




#59
m/p-Xylene
Concen: 22.304 ppbv m
RT: 13.30 min Scan# 3799
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

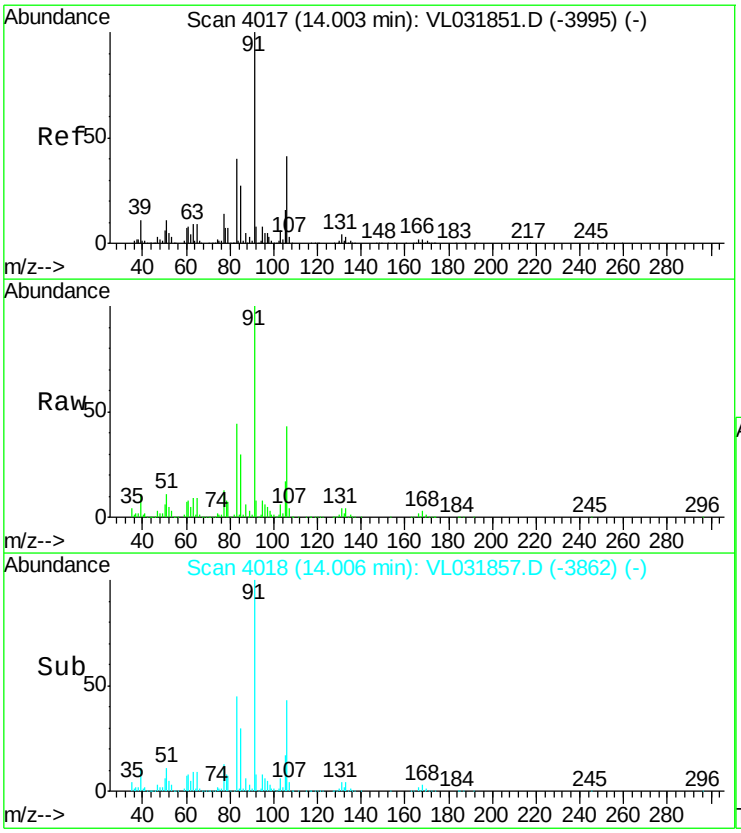
Tgt Ion: 91 Resp: 9575623

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

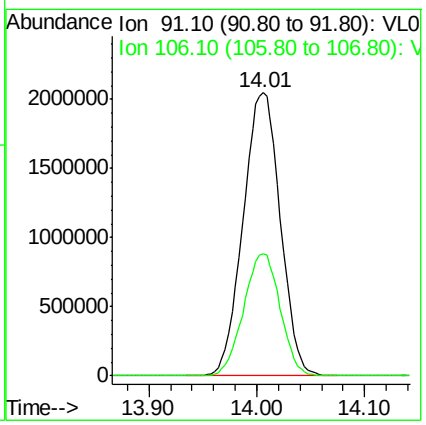
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

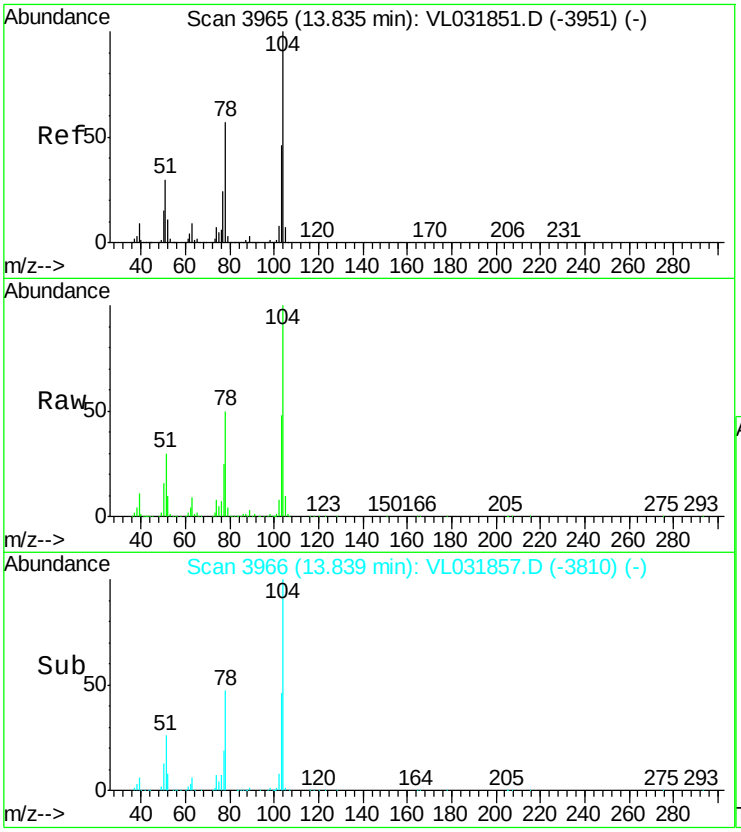


#60
o-Xylene
Concen: 11.321 ppbv
RT: 14.01 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 91 Resp: 4906936

Ion	Ratio	Lower	Upper
91	100		
106	42.6	21.0	63.0

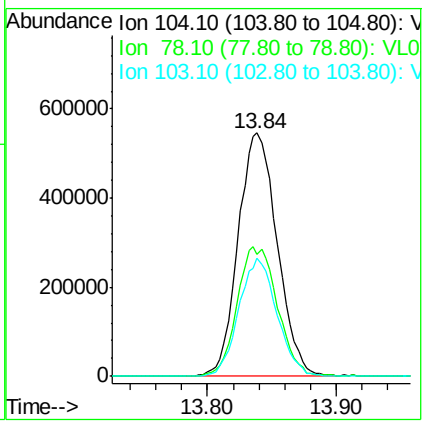




#61
Stvrene
Concen: 12.024 ppbv
RT: 13.84 min Scan# 3966
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

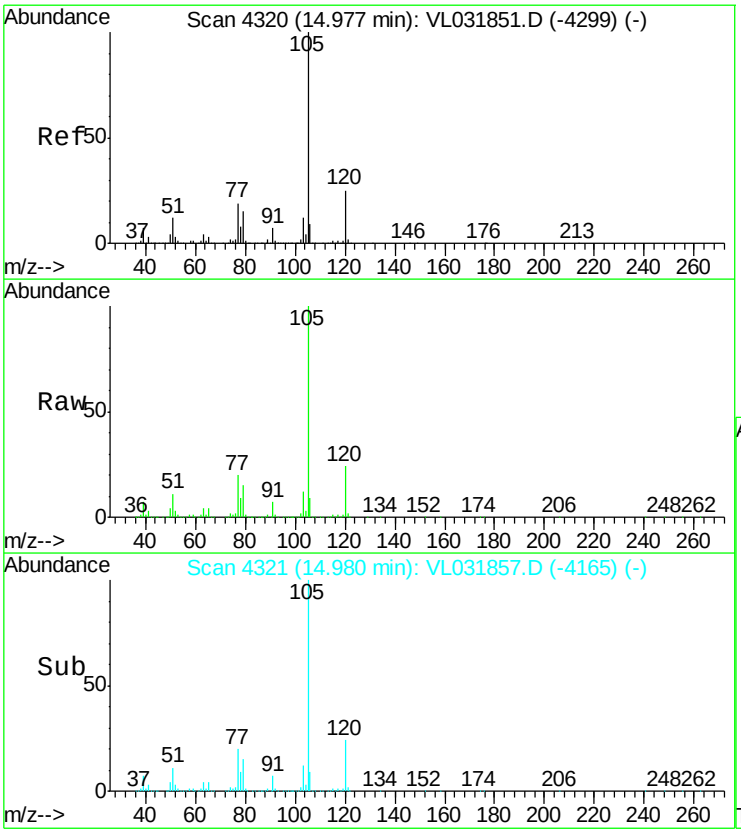
Tgt Ion:104 Resp: 1153381

Ion	Ratio	Lower	Upper
104	100		
78	55.0	44.6	66.8
103	47.3	37.9	56.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

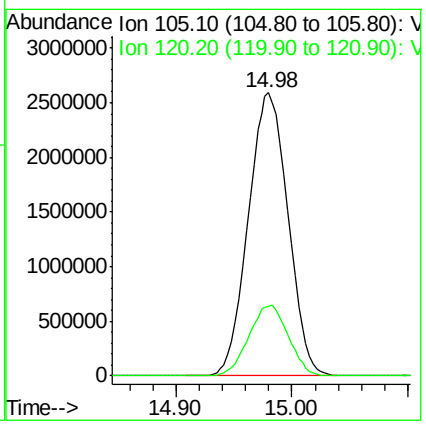
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

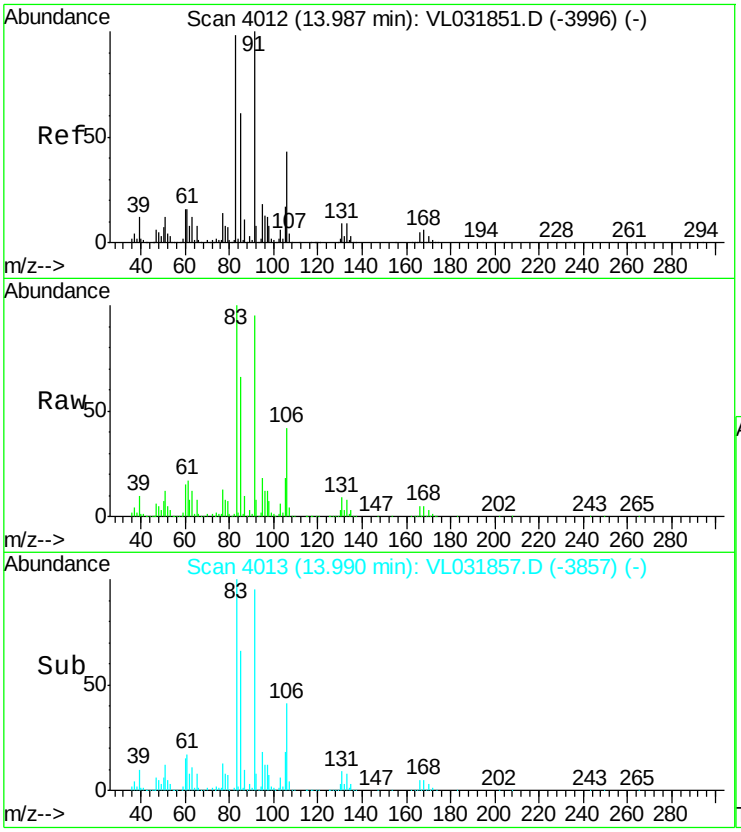


#62
Isopropylbenzene
Concen: 11.223 ppbv
RT: 14.98 min Scan# 4321
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:105 Resp: 6163971

Ion	Ratio	Lower	Upper
105	100		
120	24.9	19.8	29.6

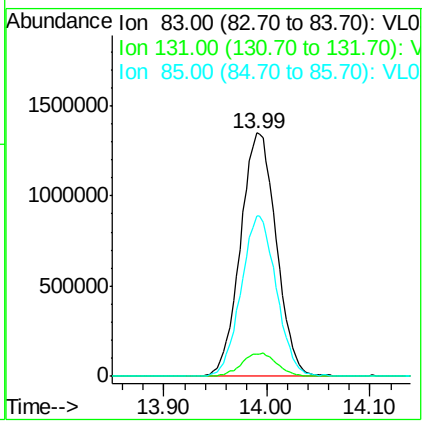




#63
1,1,2,2-Tetrachloroethane
Concen: 11.499 ppbv
RT: 13.99 min Scan# 4013
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

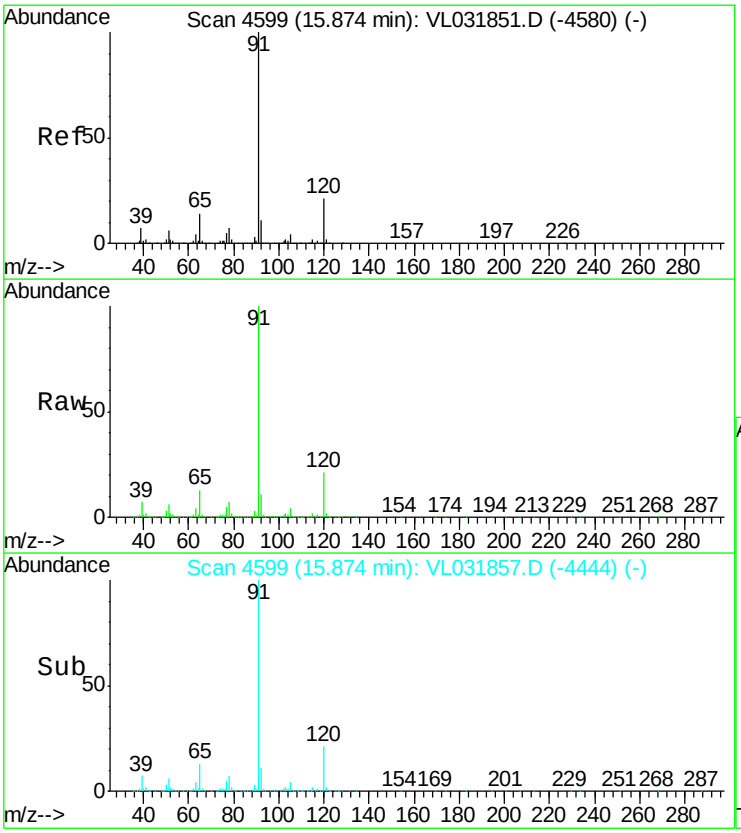
Tgt Ion: 83 Resp: 3257200

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.8	14.4
85	64.9	32.8	98.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

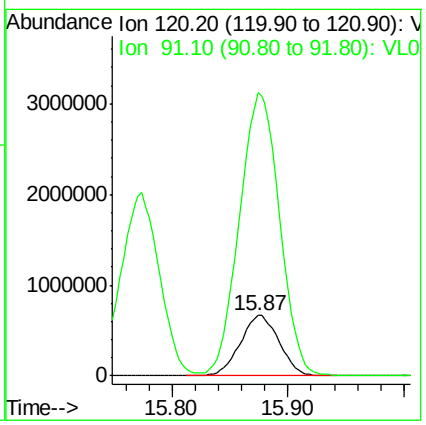
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

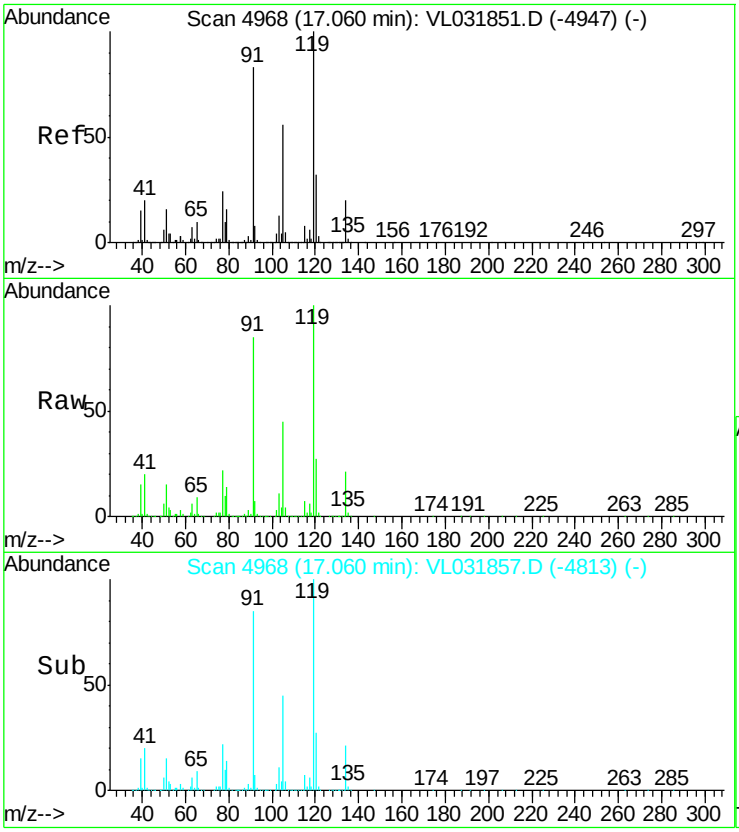


#64
n-propylbenzene
Concen: 11.751 ppbv
RT: 15.87 min Scan# 4599
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:120 Resp: 1553284

Ion	Ratio	Lower	Upper
120	100		
91	483.5	397.3	595.9

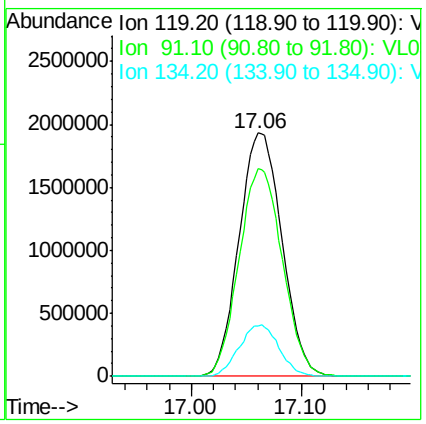




#65
tert-Butylbenzene
Concen: 11.077 ppbv
RT: 17.06 min Scan# 4968
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

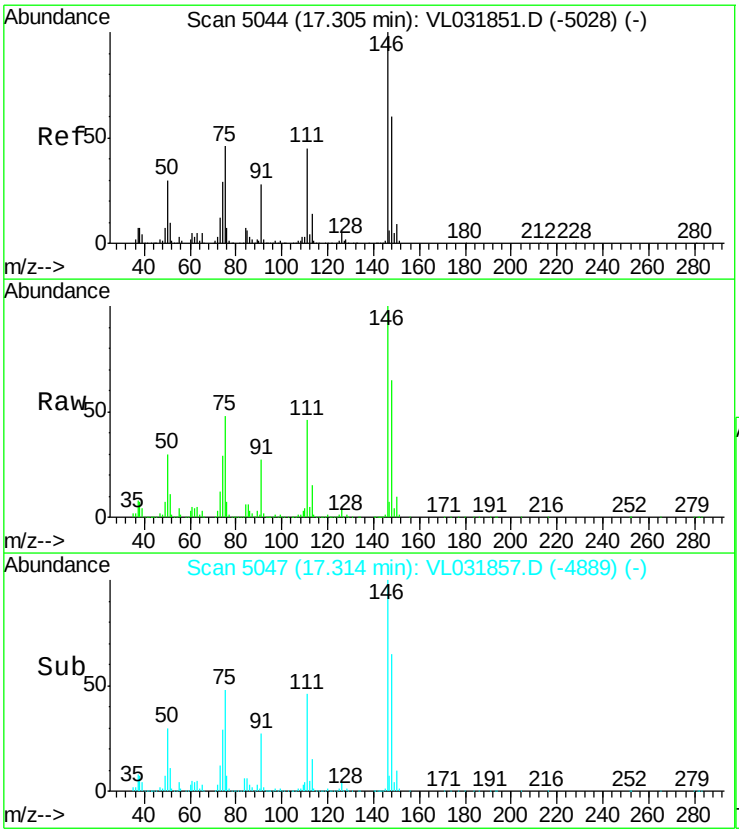
Tgt Ion:119 Resp: 5211204

Ion	Ratio	Lower	Upper
119	100		
91	86.4	69.0	103.6
134	19.7	15.4	23.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

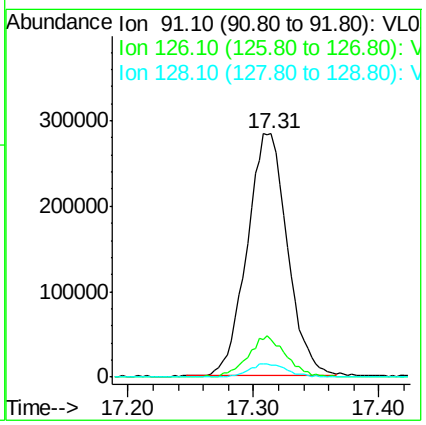
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

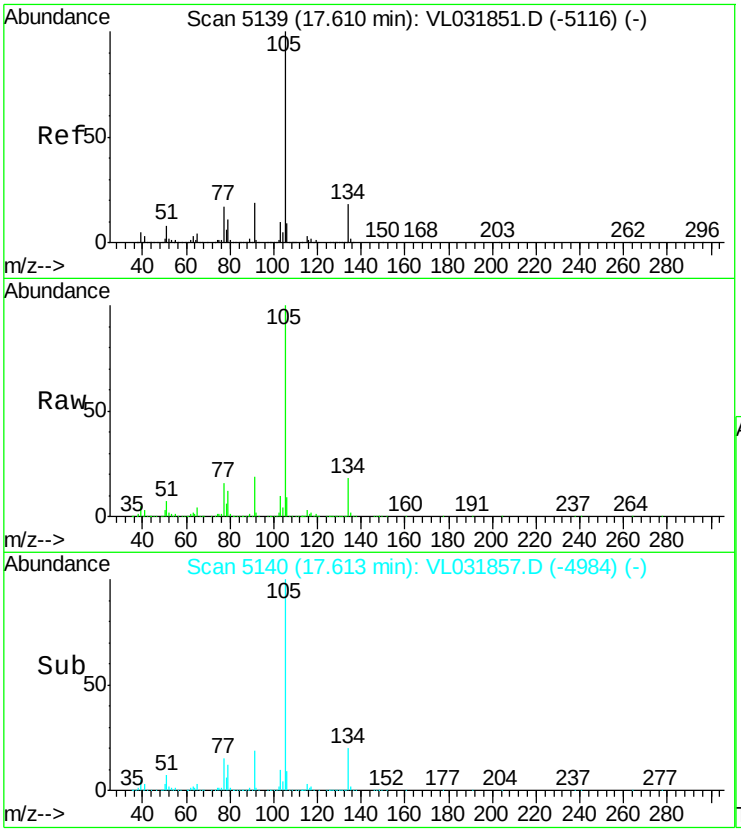


#66
Benzyl Chloride
Concen: 15.850 ppbv
RT: 17.31 min Scan# 5047
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 91 Resp: 635932

Ion	Ratio	Lower	Upper
91	100		
126	16.3	12.7	19.1
128	5.4	4.1	6.1

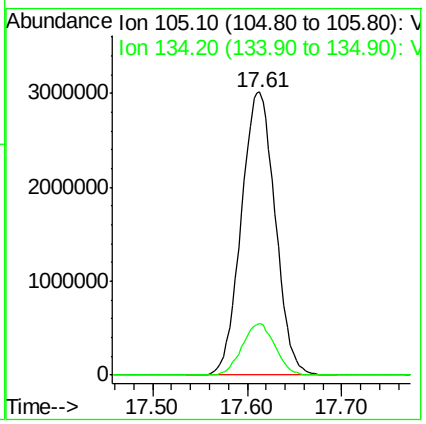




#67
sec-Butylbenzene
Concen: 11.412 ppbv
RT: 17.61 min Scan# 5140
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

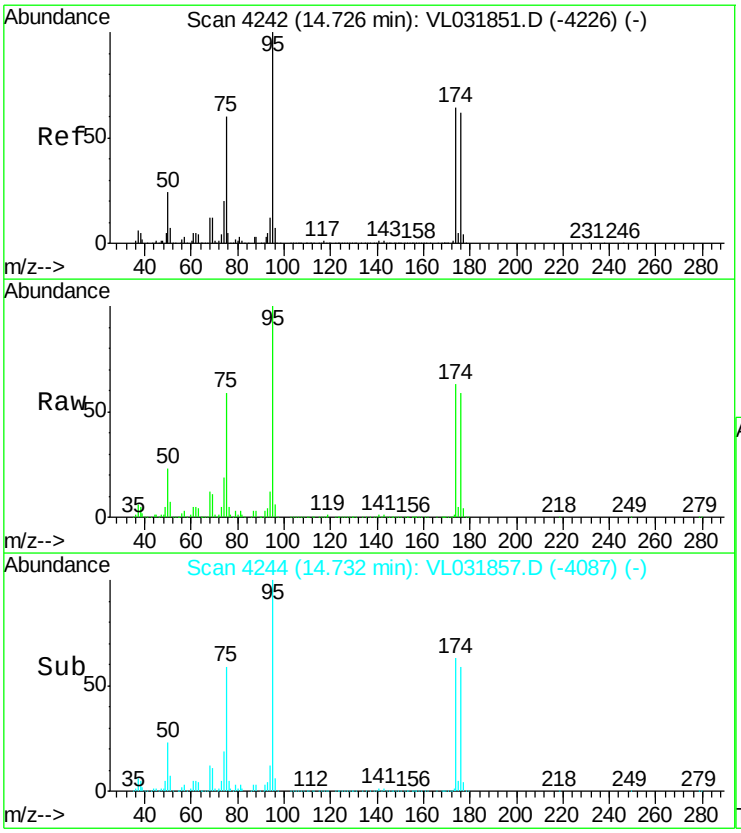
Tgt Ion:105 Resp: 7485650

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.0	21.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

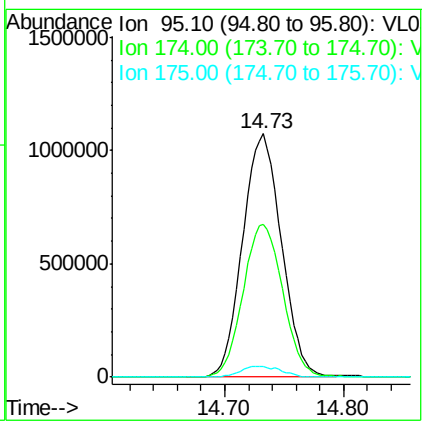
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

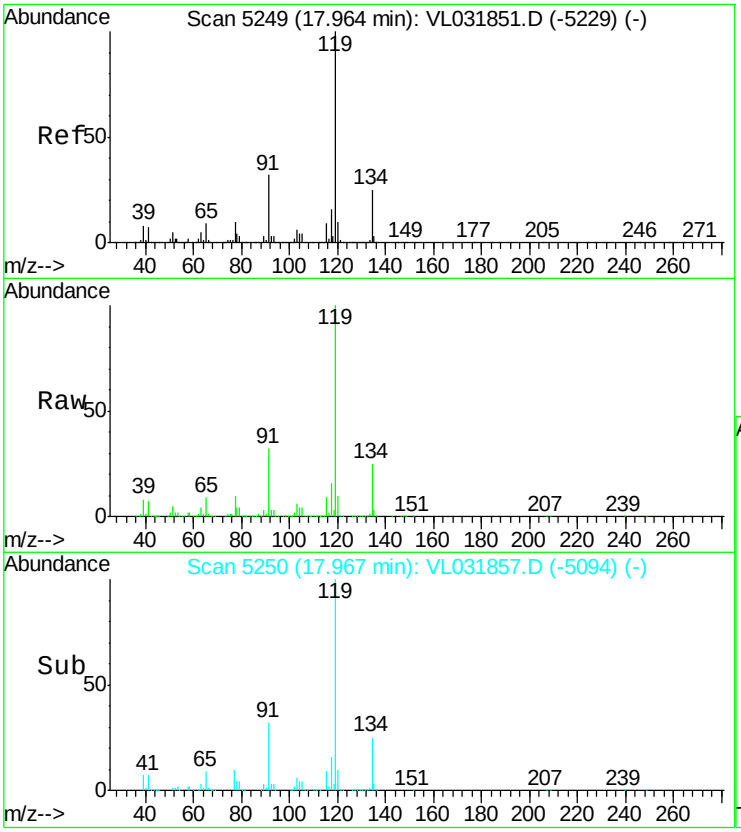


#68
1-Bromo-4-Fluorobenzene
Concen: 9.894 ppbv
RT: 14.73 min Scan# 4244
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 95 Resp: 2427852

Ion	Ratio	Lower	Upper
95	100		
174	64.6	52.2	78.2
175	4.7	3.8	5.8

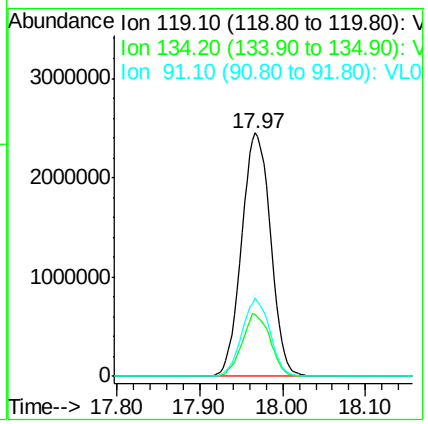




#69
p-Isopropyltoluene
Concen: 11.275 ppbv
RT: 17.97 min Scan# 5250
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

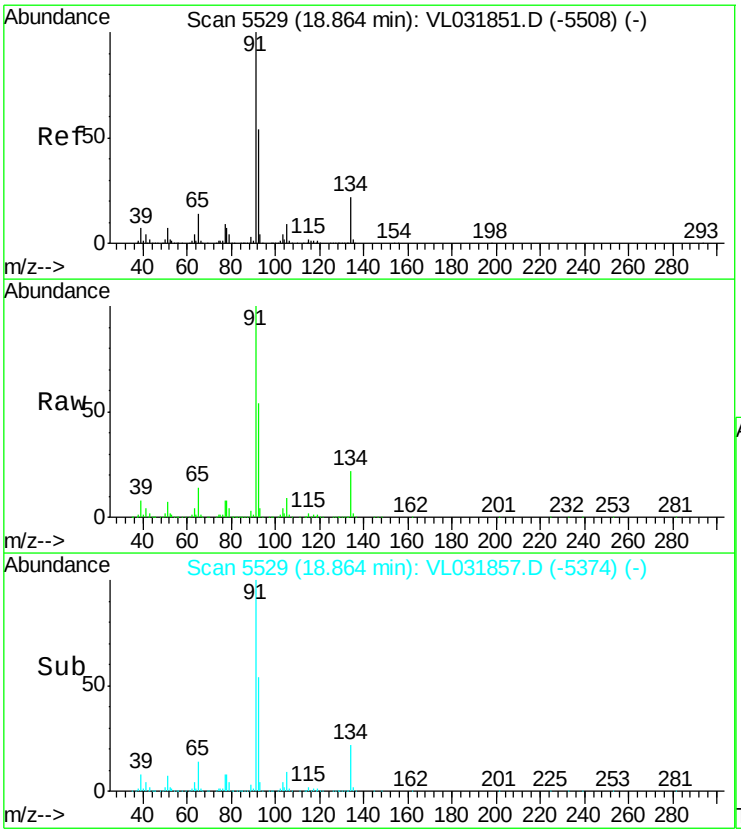
Tgt Ion:119 Resp: 5943780

Ion	Ratio	Lower	Upper
119	100		
134	24.9	19.7	29.5
91	30.9	24.6	37.0



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

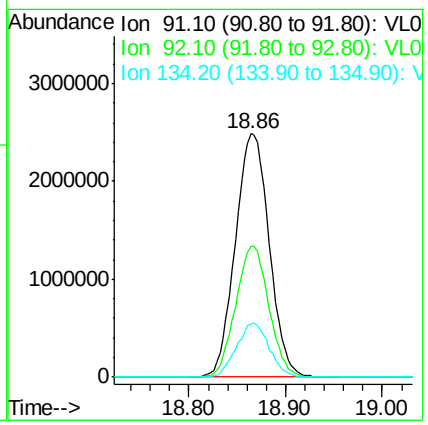
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

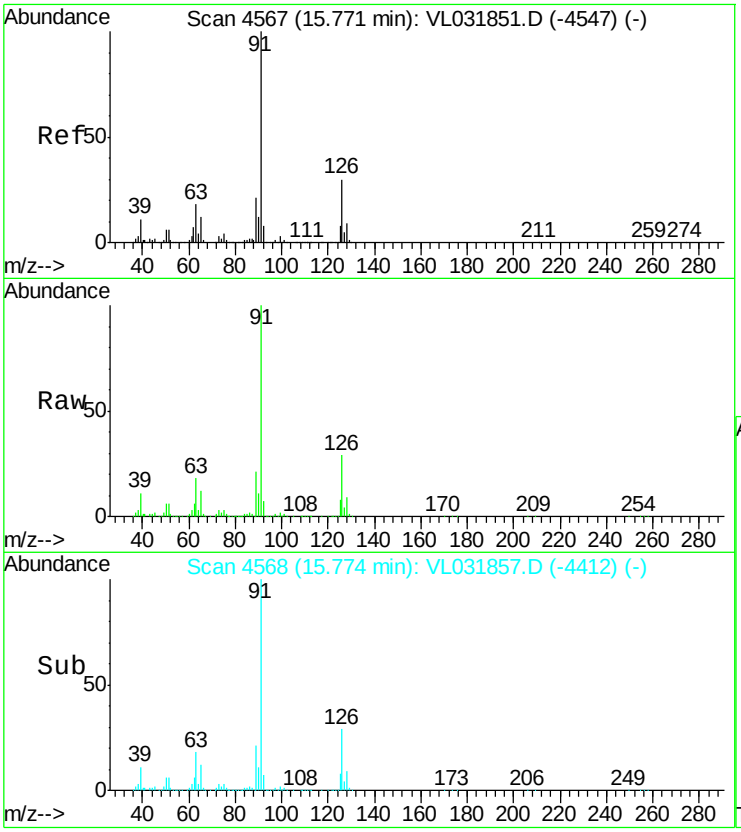


#70
n-Butylbenzene
Concen: 11.615 ppbv
RT: 18.86 min Scan# 5529
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion: 91 Resp: 6048912

Ion	Ratio	Lower	Upper
91	100		
92	52.8	42.2	63.4
134	21.5	17.2	25.8

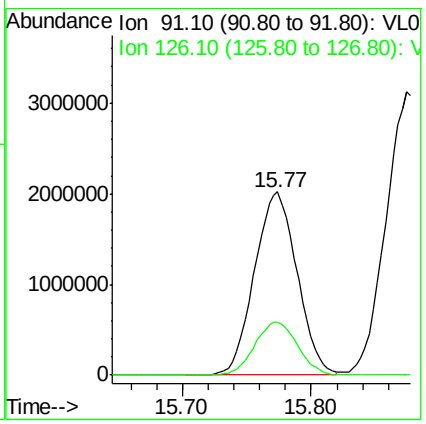




#71
2-Chlorotoluene
Concen: 11.269 ppbv
RT: 15.77 min Scan# 4568
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

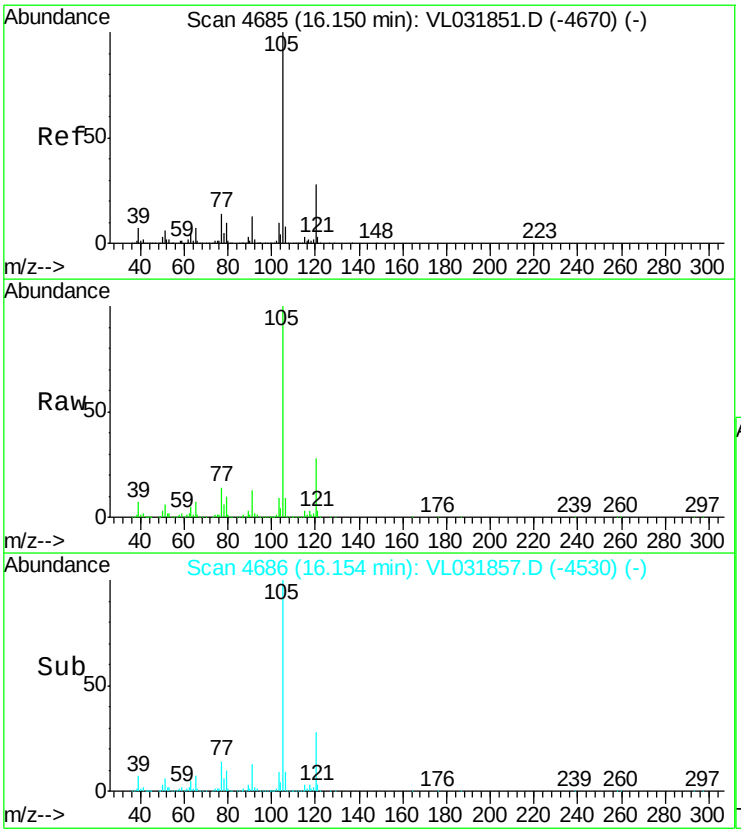
Tgt Ion: 91 Resp: 4640644

Ion	Ratio	Lower	Upper
91	100		
126	29.2	11.5	45.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

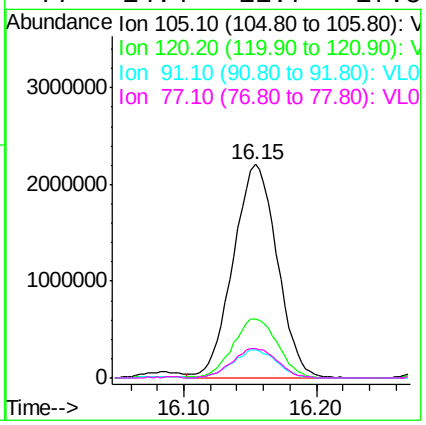
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

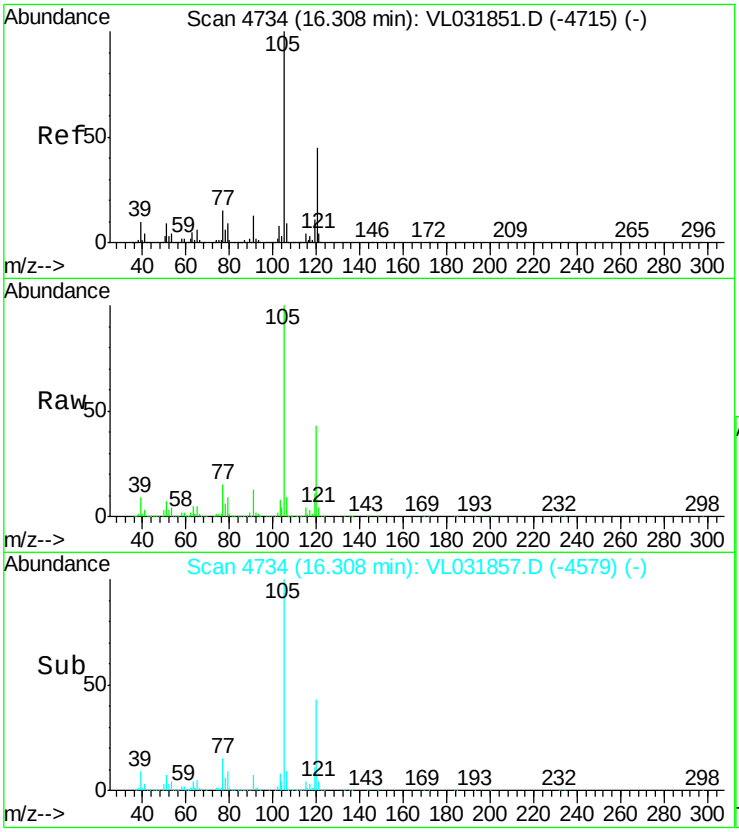


#72
4-Ethyltoluene
Concen: 11.643 ppbv
RT: 16.15 min Scan# 4686
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:105 Resp: 5061665

Ion	Ratio	Lower	Upper
105	100		
120	28.5	22.6	33.8
91	13.4	10.7	16.1
77	14.4	11.7	17.5

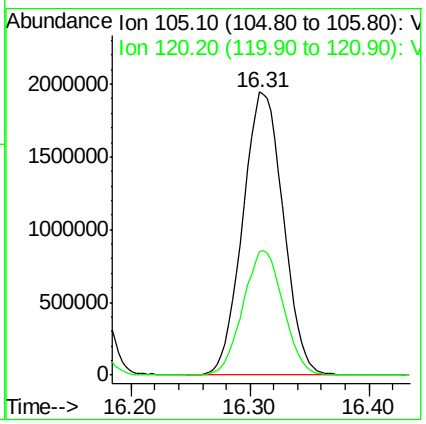




#73
1,3,5-Trimethylbenzene
Concen: 11.590 ppbv
RT: 16.31 min Scan# 4734
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

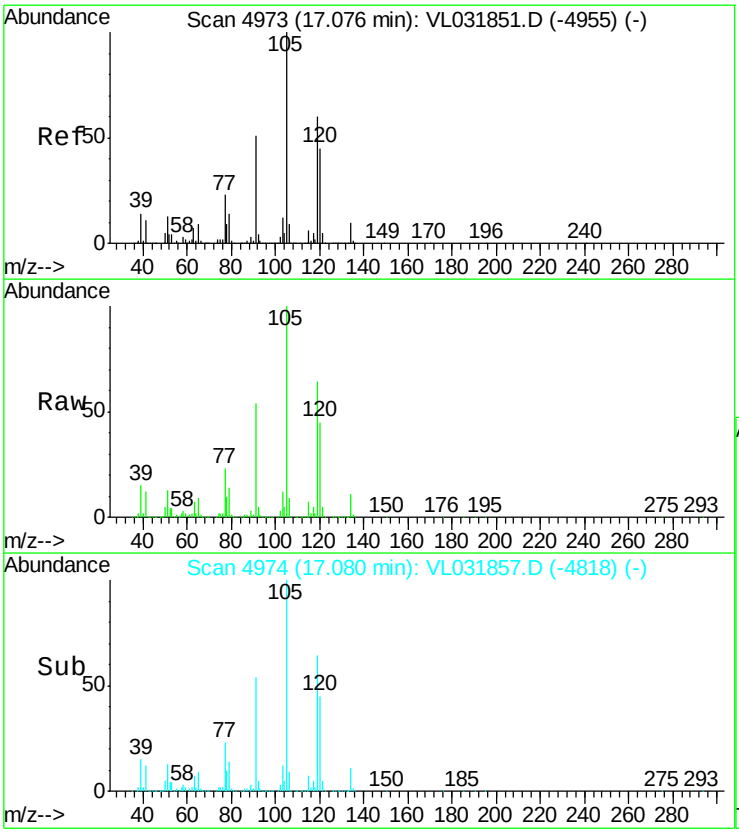
Tgt Ion:105 Resp: 4575901

Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.3	54.5



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

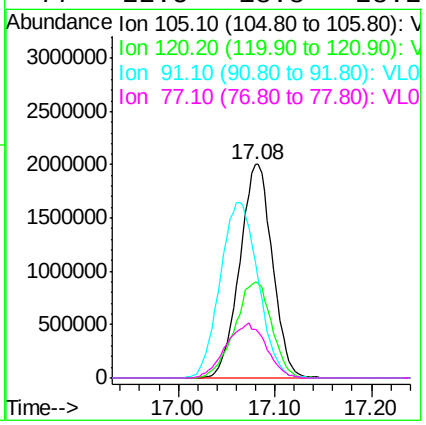
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

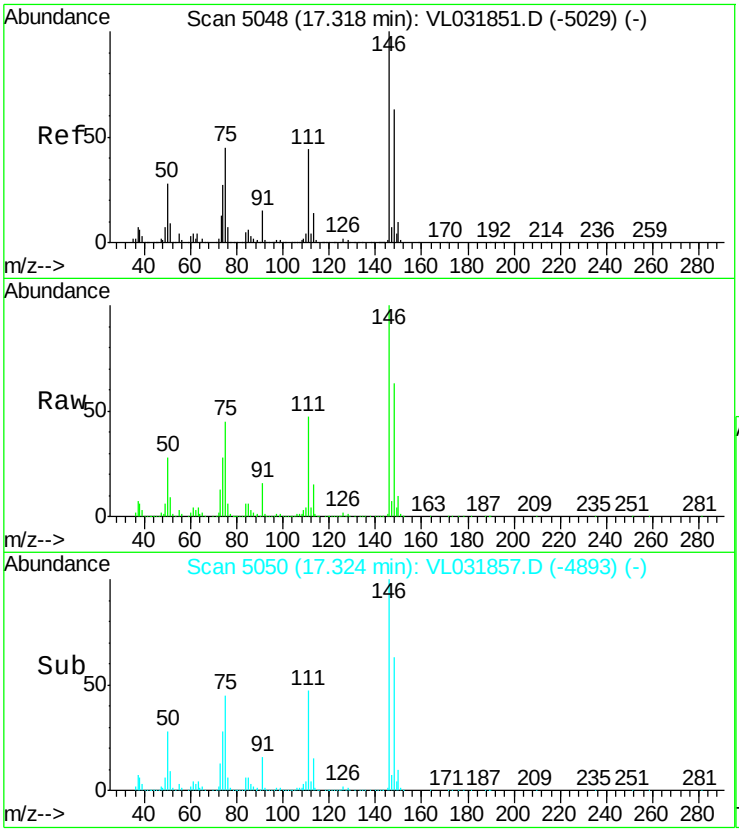


#74
1,2,4-Trimethylbenzene
Concen: 11.065 ppbv
RT: 17.08 min Scan# 4974
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:105 Resp: 4700005

Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.2	54.4
91	54.0	43.3	64.9
77	22.5	18.8	28.2

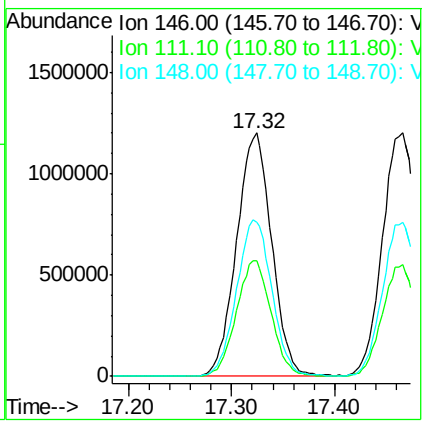




#75
1,3-Dichlorobenzene
Concen: 10.962 ppbv
RT: 17.32 min Scan# 5050
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

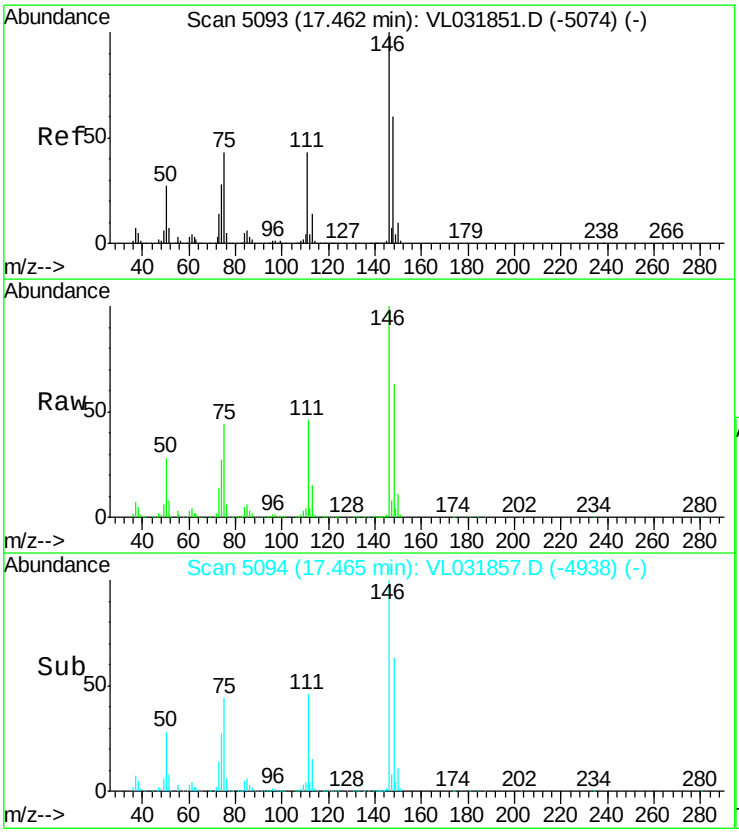
Tgt Ion:146 Resp: 2846640

Ion	Ratio	Lower	Upper
146	100		
111	47.1	23.4	70.0
148	64.6	32.1	96.5



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

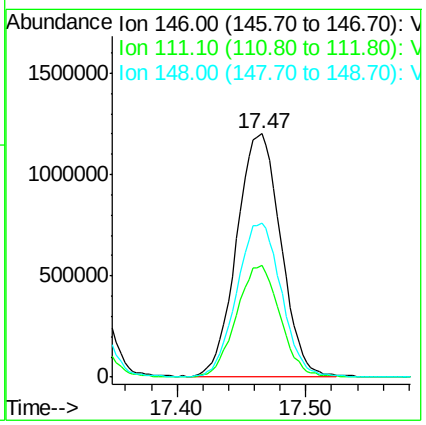
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

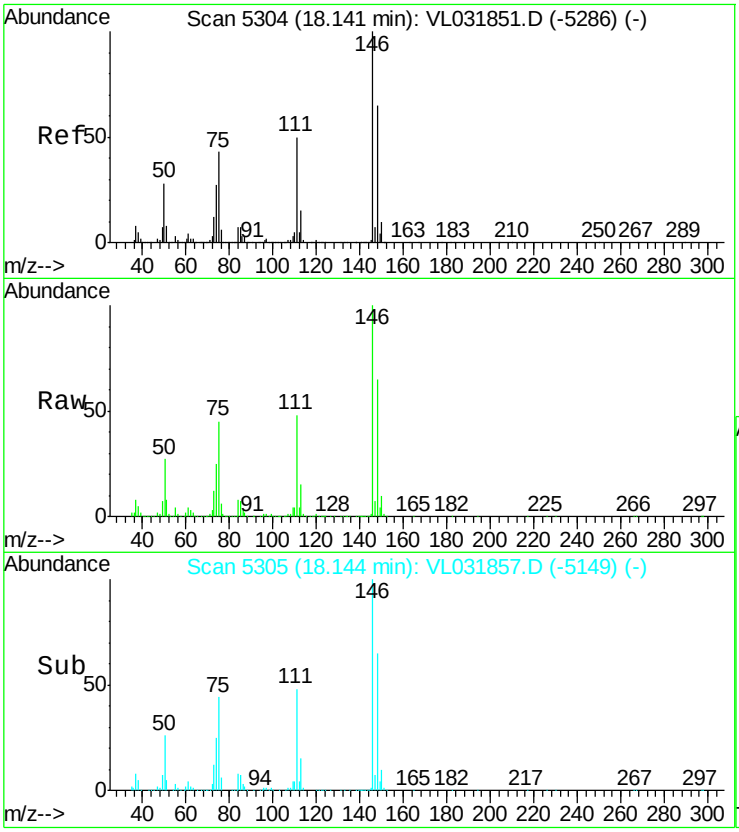


#76
1,4-Dichlorobenzene
Concen: 10.777 ppbv
RT: 17.47 min Scan# 5094
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:146 Resp: 2846235

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.9	68.7
148	64.4	32.1	96.5

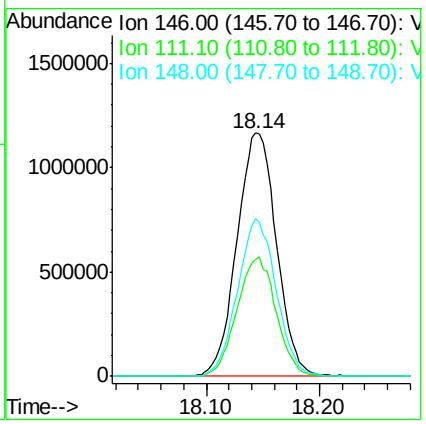




#77
1,2-Dichlorobenzene
Concen: 11.276 ppbv
RT: 18.14 min Scan# 5305
Delta R.T. 0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

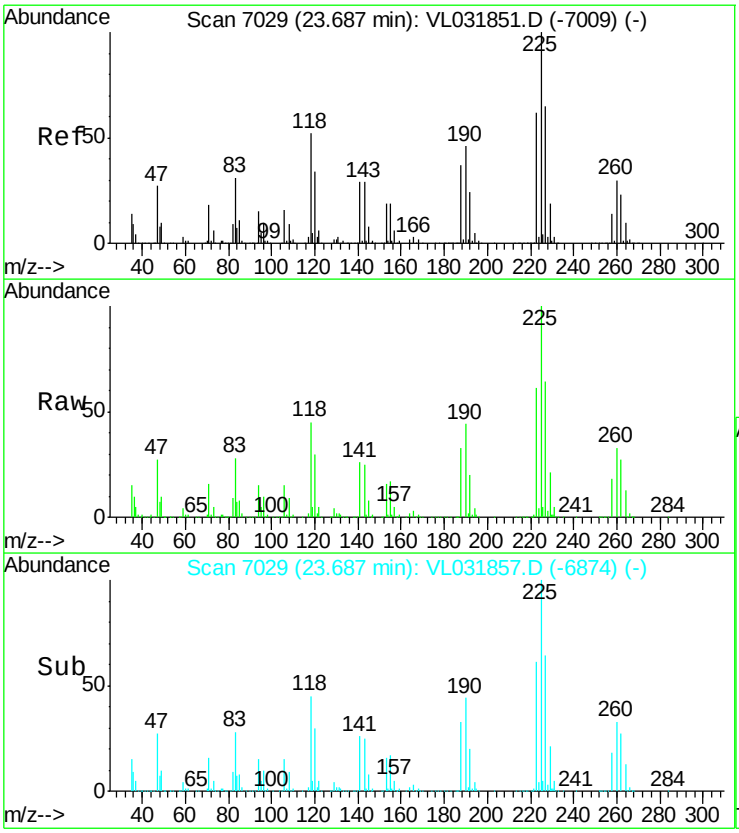
Tgt Ion:146 Resp: 2833686

Ion	Ratio	Lower	Upper
146	100		
111	48.5	24.3	72.8
148	63.4	31.7	95.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

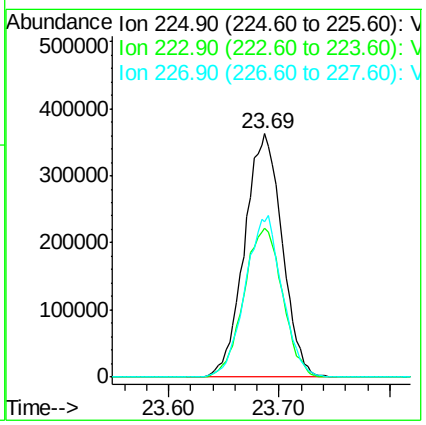
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

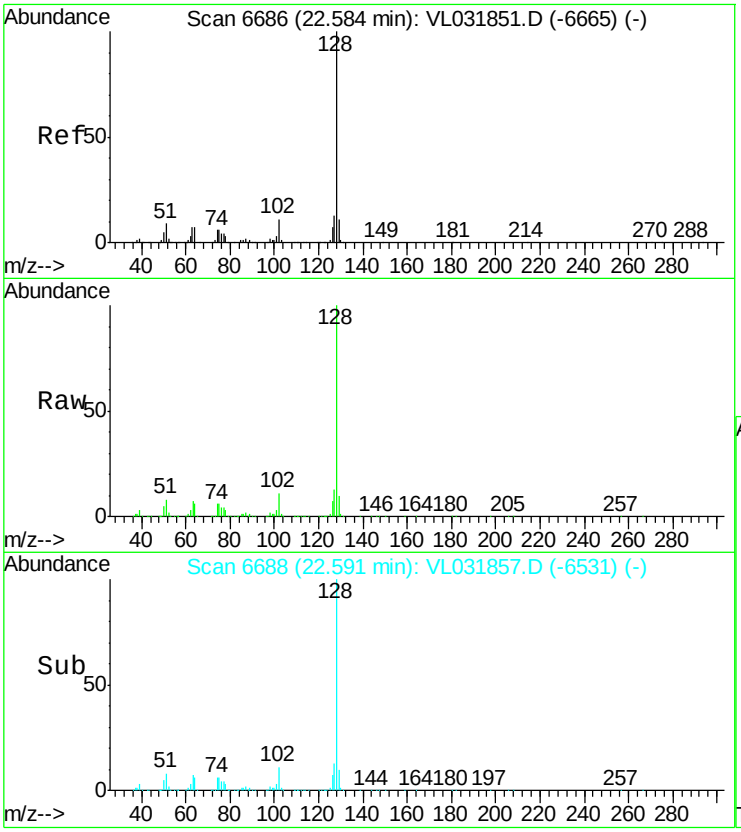


#78
Hexachloro-1,3-Butadiene
Concen: 8.247 ppbv
RT: 23.69 min Scan# 7029
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:225 Resp: 858896

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	64.9	50.8	76.2

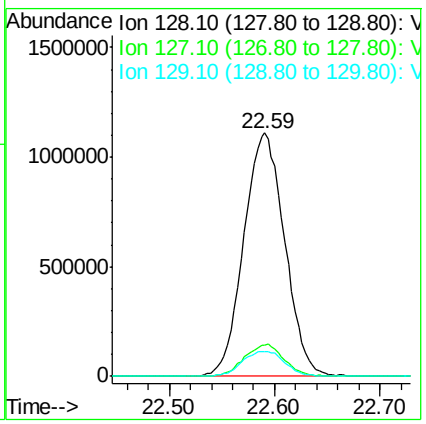




#79
Naphthalene
Concen: 11.131 ppbv
RT: 22.59 min Scan# 6688
Delta R.T. 0.01 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

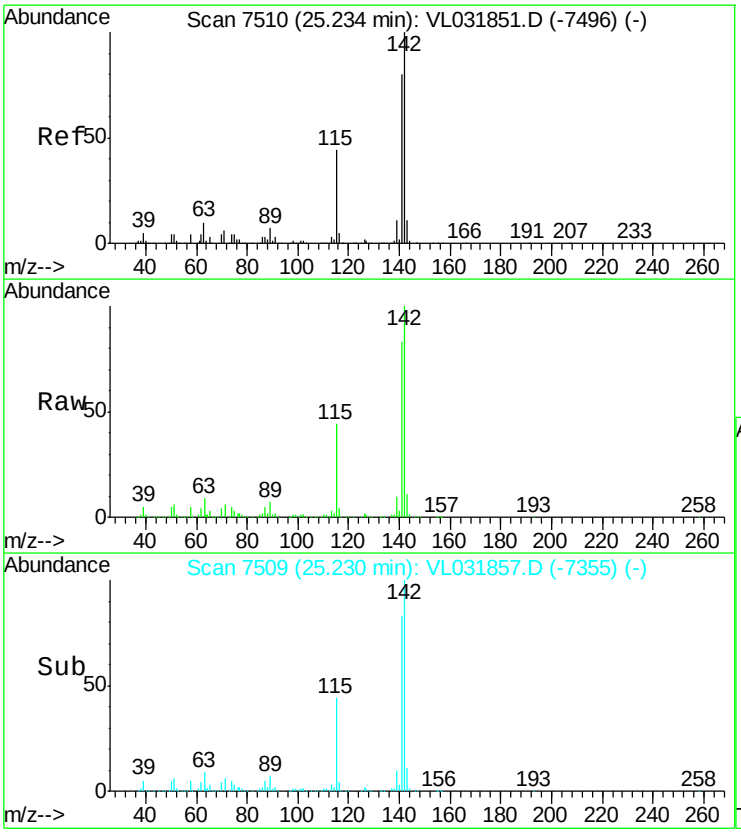
Tgt Ion:128 Resp: 2983988

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	9.9	9.1	13.7



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

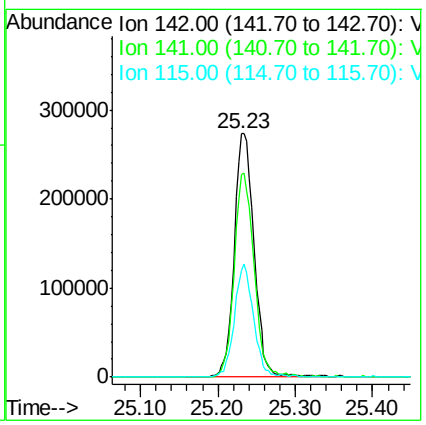
Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM

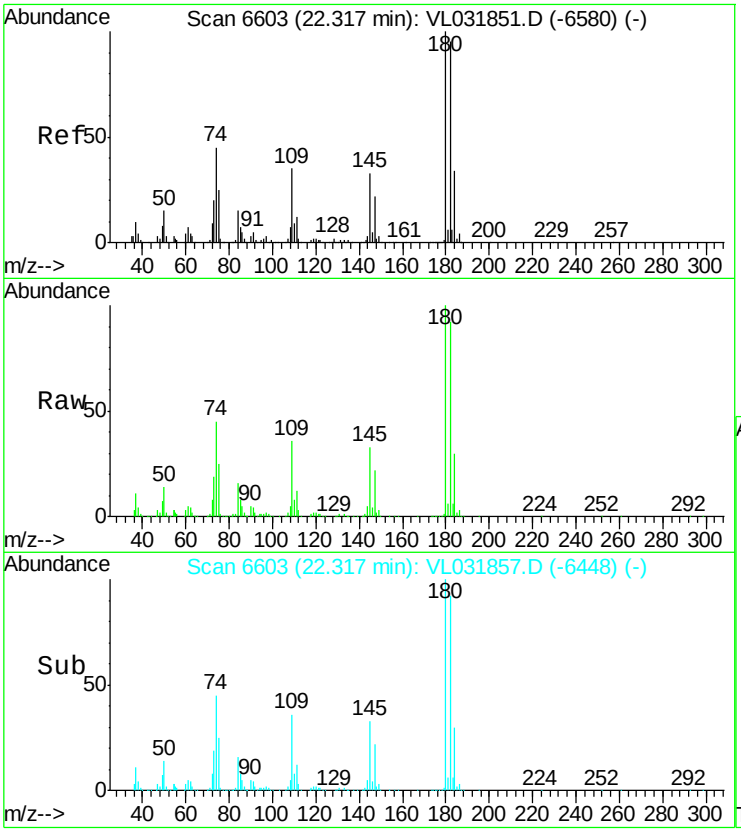


#80
Naphthalene,2-methyl-
Concen: 7.219 ppbv
RT: 25.23 min Scan# 7509
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:142 Resp: 479029

Ion	Ratio	Lower	Upper
142	100		
141	83.9	65.8	98.8
115	45.2	35.8	53.6

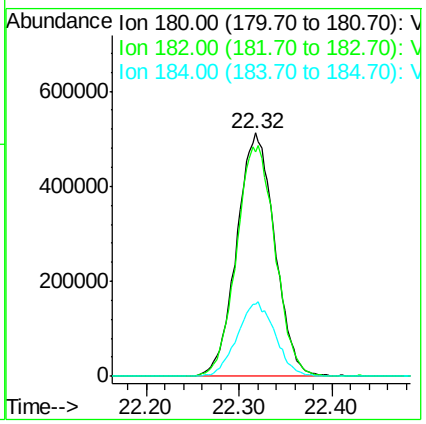




#81
1,2,4-Trichlorobenzene
Concen: 9.939 ppbv
RT: 22.32 min Scan# 6603
Delta R.T. -0.00 min
Lab File: VL031857.D
Acq: 12 Apr 2018 4:07

Tgt Ion:180 Resp: 1456595

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	114.8
184	30.5	25.0	37.4



Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:20 PM