Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032584.D
Acq On : 3 Oct 2018 18:06
Operator : SY/AP
Sample : VL1003ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 09:46:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1253450	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3061405	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3512355	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2374297	8.96	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	1100236	9.490	ppbv	99
3) Chlorodifluoromethane	3.03	51	1015285	9.740	ppbv	97
4) Chloromethane	3.19	50	568227	9.349	ppbv	96
5) Vinyl Chloride	3.31	62	588400	9.581	ppbv	97
6) Bromomethane	3.53	94	367199	10.933	ppbv	97
7) Chloroethane	3.62	64	227768	10.408	ppbv	98
8) Dichlorotetrafluoroethane	3.24	85	1314297	10.376	ppbv	99
9) Propene	3.05	41	411606	9.101	ppbv	99
10) Heptane	8.28	43	1805161	10.882	ppbv	97
11) Trichlorofluoromethane	4.02	101	1500741	10.889	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.57	101	1068720	9.487	ppbv	99
13) Ethanol	3.67	45	115538	8.499	ppbv	96
14) Bromoethene	3.81	108	437852	10.953	ppbv	99
15) Acetone	3.92	43	1065125	9.681	ppbv	100
16) 1,3-Butadiene	3.38	39	496980	11.138	ppbv	95
17) tert-Butyl alcohol	4.38	59	135683	9.814	ppbv #	100
18) 1,1-Dichloroethene	4.37	96	500809	9.492	ppbv	96
19) Isopropyl Alcohol	4.04	45	802106	10.466	ppbv	100
20) Methylene Chloride	4.43	84	440258	8.263	ppbv	95
21) Allyl Chloride	4.50	41	852331	9.479	ppbv	98
22) trans-1,2-Dichloroethene	4.98	96	597878	12.024	ppbv	98
23) Vinyl Acetate	5.18	43	1853926	9.536	ppbv	98
24) 1,1-Dichloroethane	5.12	63	1483157	9.161	ppbv	99
25) Ethyl Acetate	5.80	43	2637940	9.881	ppbv	100
26) Hexane	5.80	57	1204002	9.984	ppbv	98
27) Carbon Disulfide	4.64	76	1339581	10.333	ppbv	99
28) Methyl tert-Butyl Ether	5.14	73	1540324	10.254	ppbv	97
29) Chloroform	5.88	83	1912597	10.336	ppbv	100
30) Cyclohexane	7.28	84	1151174	11.724	ppbv	94
31) cis-1,2-Dichloroethene	5.67	61	1259408	10.966	ppbv	99
32) 1,1,1-Trichloroethane	6.65	97	2108924	10.695	ppbv	98
34) 2-Butanone	5.35	43	1787053	9.802	ppbv	99
35) Carbon Tetrachloride	7.16	117	2158399	10.146	ppbv	98
36) Benzene	7.04	78	2770859	11.200	ppbv	99
37) 1,2-Dichloroethane	6.44	62	1660493	11.137	ppbv	98
38) Trichloroethene	7.99	130	1047754	11.064	ppbv	99
39) 1,2-Dichloropropane	7.77	63	1125539	10.095	ppbv	98
40) 1,4-Dioxane	7.99	88	364636	10.666	ppbv #	1
41) Tetrahydrofuran	6.17	42	1076991	10.874	ppbv	95
42) Bromodichloromethane	7.95	83	2378189	10.646	ppbv	99
43) Methyl Methacrylate	8.17	69	1159783	11.222	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032584.D
Acq On : 3 Oct 2018 18:06
Operator : SY/AP
Sample : VL1003ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

Quant Time: Oct 04 09:46:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.02	57	4949685	10.237	ppbv		99
45) t-1,3-Dichloropropene	9.44	75	1567554	12.193	ppbv		96
46) cis-1,3-Dichloropropene	8.87	75	1759444	11.668	ppbv		99
47) 1,1,2-Trichloroethane	9.65	97	1268398	10.243	ppbv		98
48) Dibromochloromethane	10.48	129	2131054	10.945	ppbv		99
49) Bromoform	13.24	173	1660718	11.162	ppbv		100
50) 4-Methyl-2-Pentanone	8.90	43	2923836	10.203	ppbv		99
51) 2-Hexanone	10.30	43	2534132	10.693	ppbv		99
52) Tetrachloroethene	11.41	164	907248	10.532	ppbv		98
53) Toluene	9.98	91	3497086	11.599	ppbv		100
54) 1,2-Dibromoethane	10.79	107	1905407	10.818	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.32	131	1535185	9.724	ppbv	#	59
57) Chlorobenzene	12.34	112	2628752	9.291	ppbv		99
58) Ethyl Benzene	12.90	91	4353227	10.218	ppbv		97
59) m/p-Xylene	13.18	91	7272799m	19.186	ppbv		
60) o-Xylene	13.88	91	3576125	9.690	ppbv		100
61) Styrene	13.72	104	2570821	10.648	ppbv		99
62) Isopropylbenzene	14.86	105	5038260	9.653	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.87	83	2707711	8.258	ppbv		99
64) n-propylbenzene	15.76	120	1298590	9.685	ppbv		96
65) tert-Butylbenzene	16.94	119	4228450	9.452	ppbv		98
66) Benzyl Chloride	17.19	91	2559180	9.926	ppbv		100
67) sec-Butylbenzene	17.49	105	6249775	9.396	ppbv		99
69) p-Isopropyltoluene	17.85	119	4992549	9.718	ppbv		99
70) n-Butylbenzene	18.75	91	5450933	9.714	ppbv		99
71) 2-Chlorotoluene	15.65	91	3928628	9.883	ppbv		100
72) 4-Ethyltoluene	16.03	105	4068780	10.157	ppbv		99
73) 1,3,5-Trimethylbenzene	16.19	105	3910565	10.045	ppbv		96
74) 1,2,4-Trimethylbenzene	16.96	105	3965657	9.461	ppbv		98
75) 1,3-Dichlorobenzene	17.20	146	2202733	8.516	ppbv		100
76) 1,4-Dichlorobenzene	17.34	146	2185410	9.228	ppbv		100
77) 1,2-Dichlorobenzene	18.02	146	2194631	9.022	ppbv		100
78) Hexachloro-1,3-Butadiene	23.57	225	351096	3.846	ppbv	#	18
79) Naphthalene	22.45	128	3291173	10.886	ppbv		99
80) Naphthalene,2-methyl-	25.14	142	961691	13.549	ppbv		98
81) 1,2,4-Trichlorobenzene	22.17	180	1562906	10.086	ppbv		100

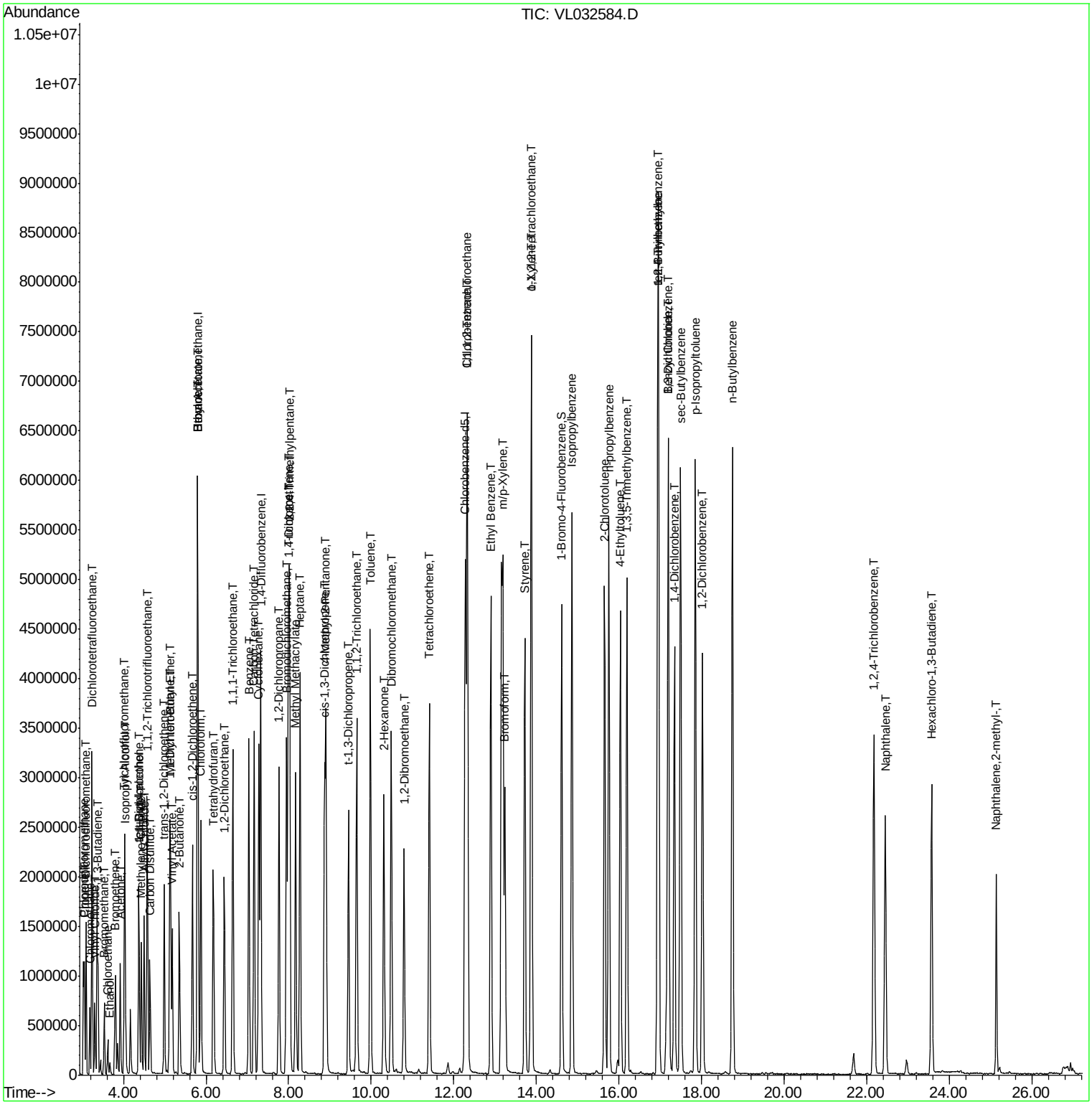
(#) = qualifier out of range (m) = manual integration (+) = signals summed

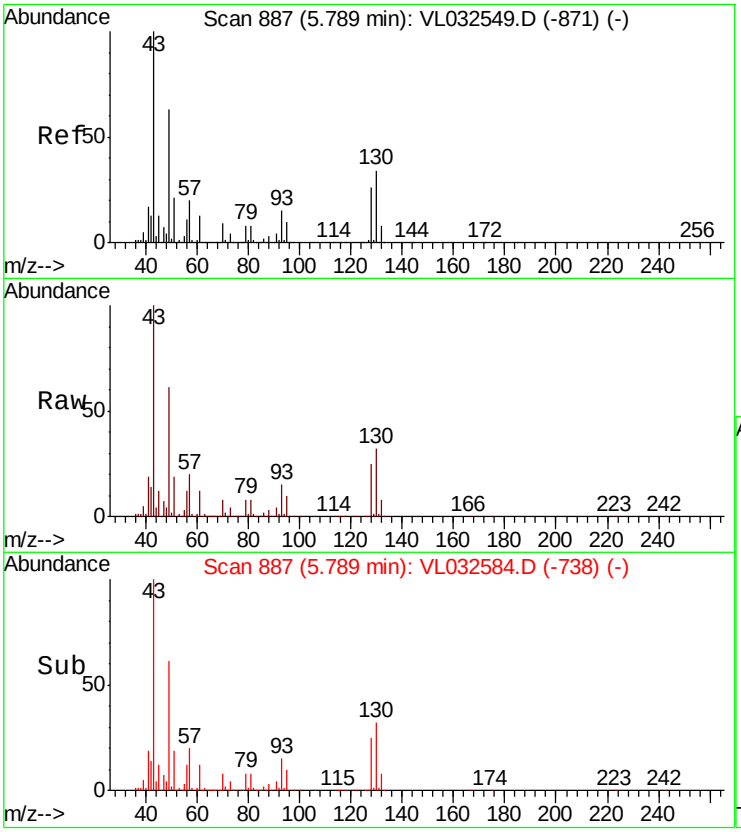
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032584.D
Acq On : 3 Oct 2018 18:06
Operator : SY/AP
Sample : VL1003ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 09:46:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

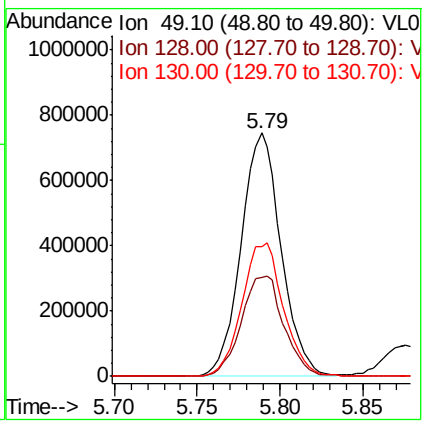




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

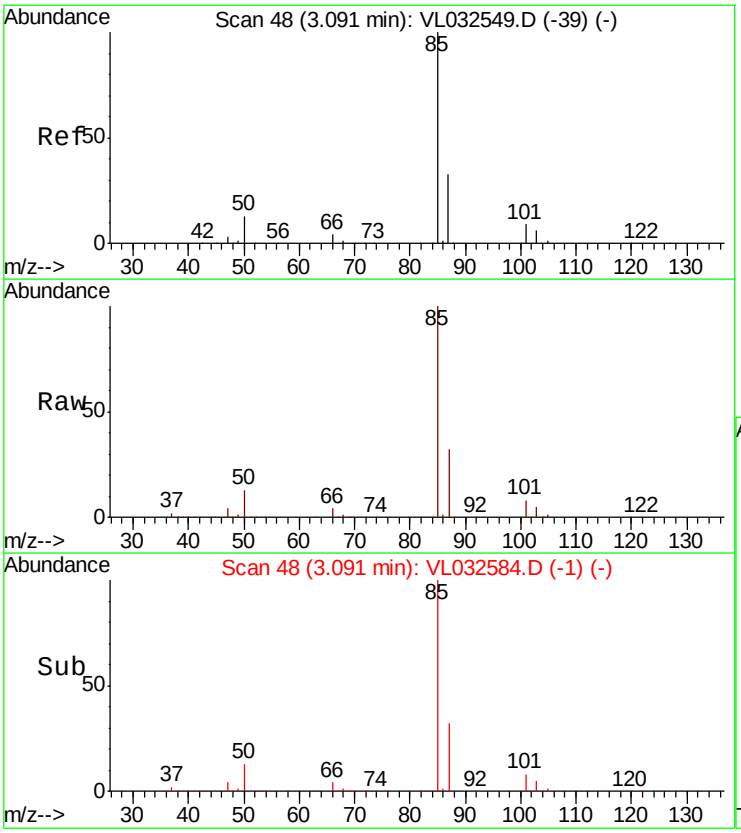
Tgt Ion: 49 Resp: 1253450

Ion	Ratio	Lower	Upper
49	100		
128	44.0	20.7	62.1
130	57.1	26.6	79.7



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

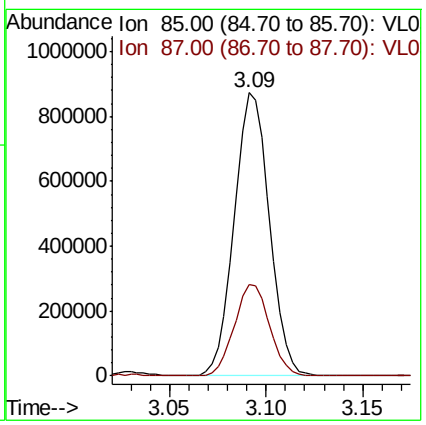
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

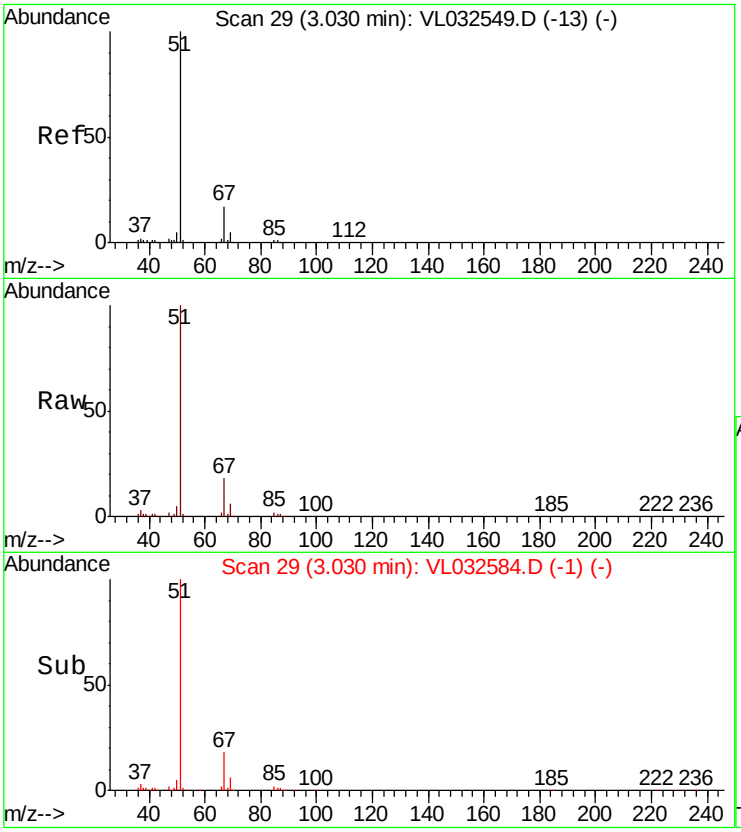


#2
Dichlorodifluoromethane
Concen: 9.490 ppbv
RT: 3.09 min Scan# 48
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 85 Resp: 1100236

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.2	39.4

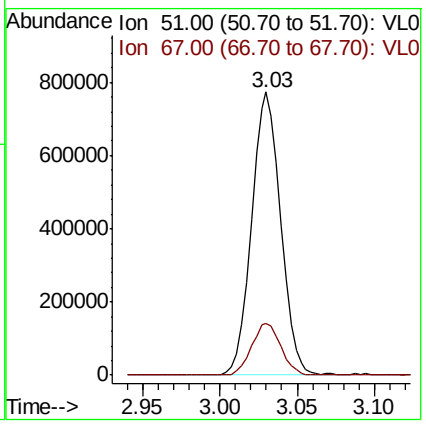




#3
Chlorodifluoromethane
Concen: 9.740 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

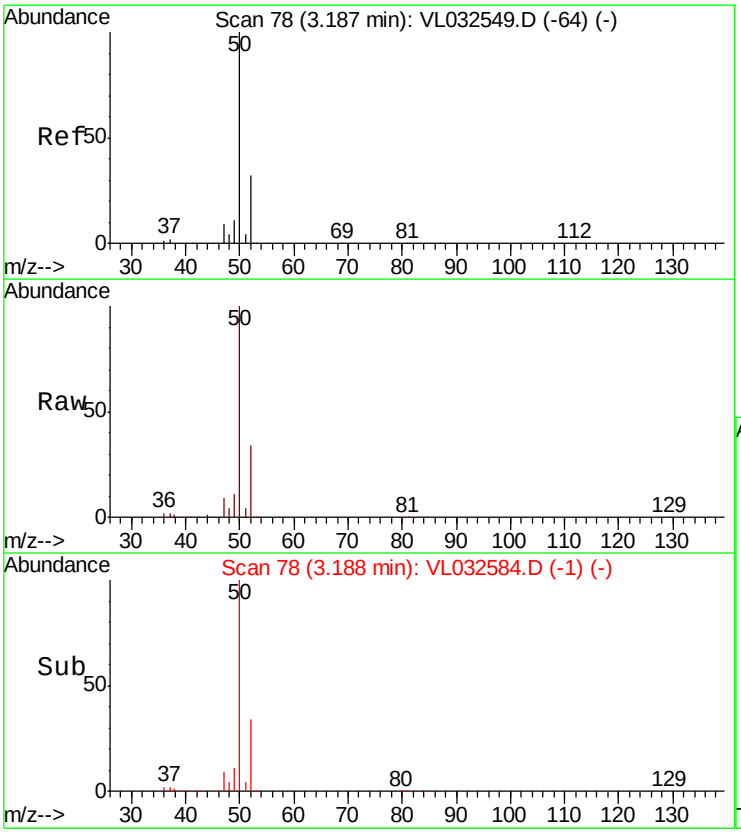
Tgt Ion: 51 Resp: 1015285

Ion	Ratio	Lower	Upper
51	100		
67	18.5	13.8	20.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

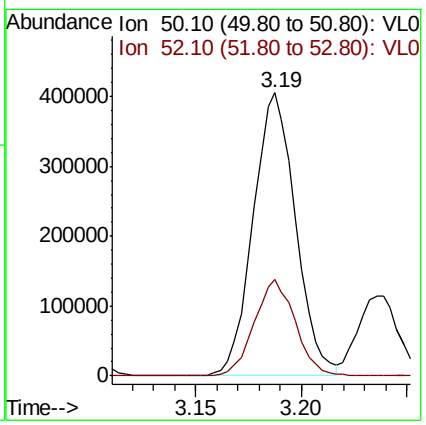
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

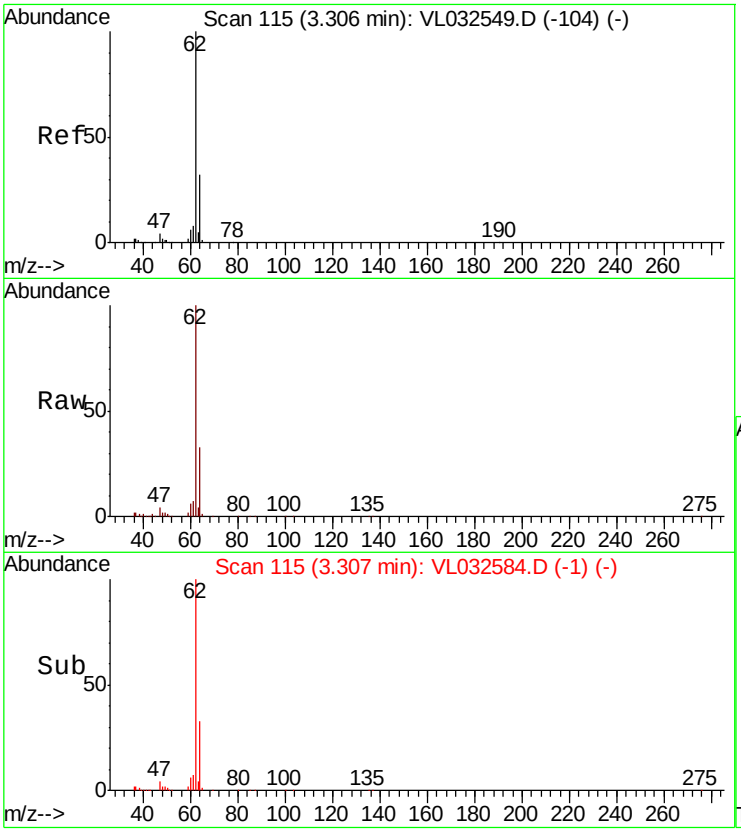


#4
Chloromethane
Concen: 9.349 ppbv
RT: 3.19 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 50 Resp: 568227

Ion	Ratio	Lower	Upper
50	100		
52	34.2	25.6	38.4

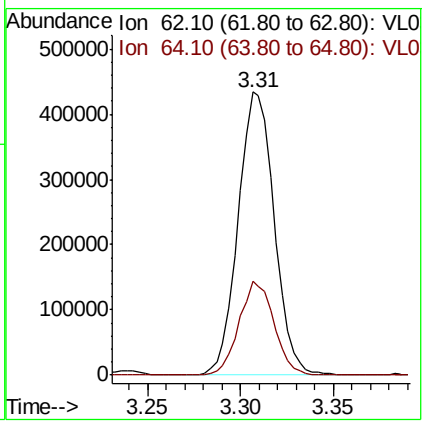




#5
Vinyl Chloride
Concen: 9.581 ppbv
RT: 3.31 min Scan# 115
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

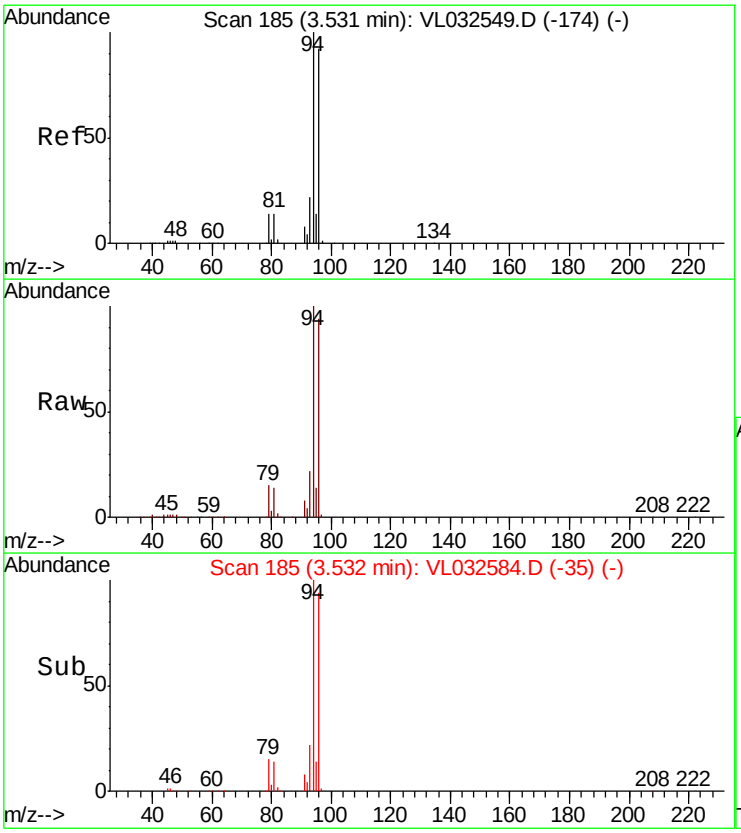
Tgt Ion: 62 Resp: 588400

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.0	37.6



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

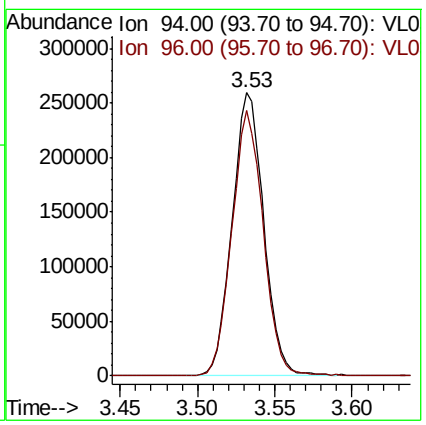
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

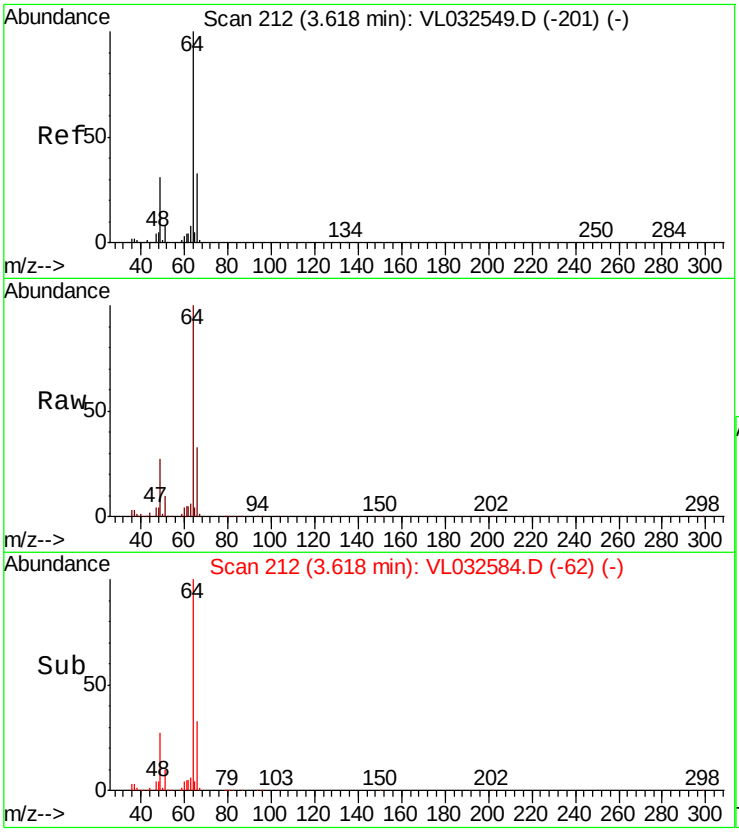


#6
Bromomethane
Concen: 10.933 ppbv
RT: 3.53 min Scan# 185
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 94 Resp: 367199

Ion	Ratio	Lower	Upper
94	100		
96	94.0	72.8	109.2

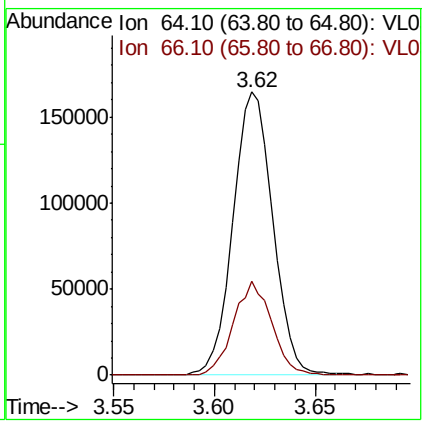




#7
Chloroethane
Concen: 10.408 ppbv
RT: 3.62 min Scan# 212
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

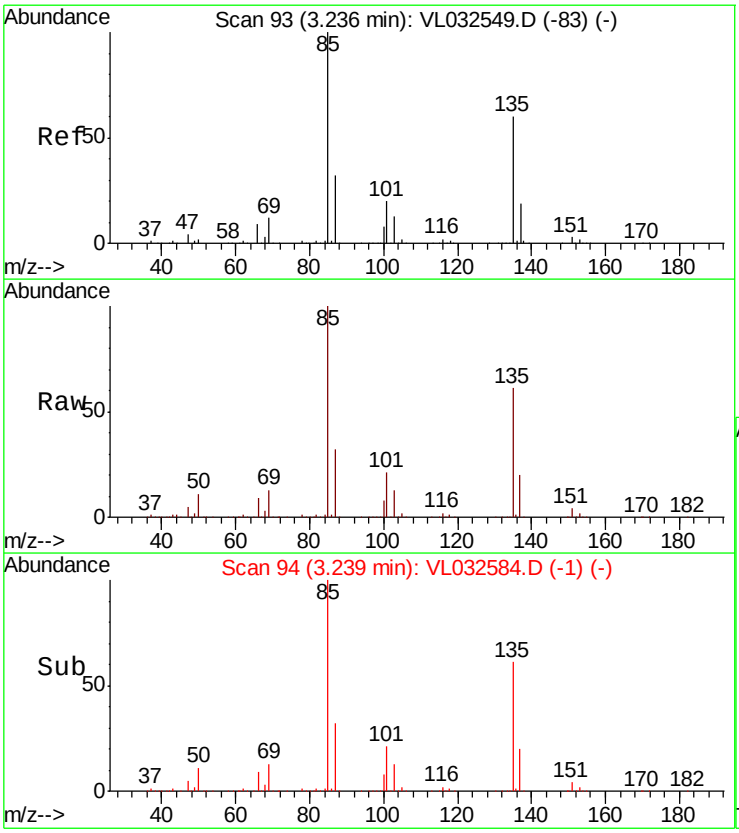
Tgt Ion: 64 Resp: 227768

Ion	Ratio	Lower	Upper
64	100		
66	33.3	25.8	38.6



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

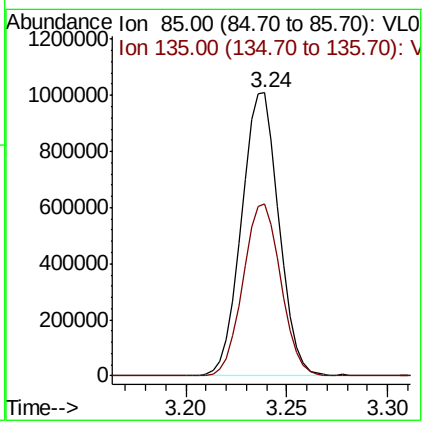
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

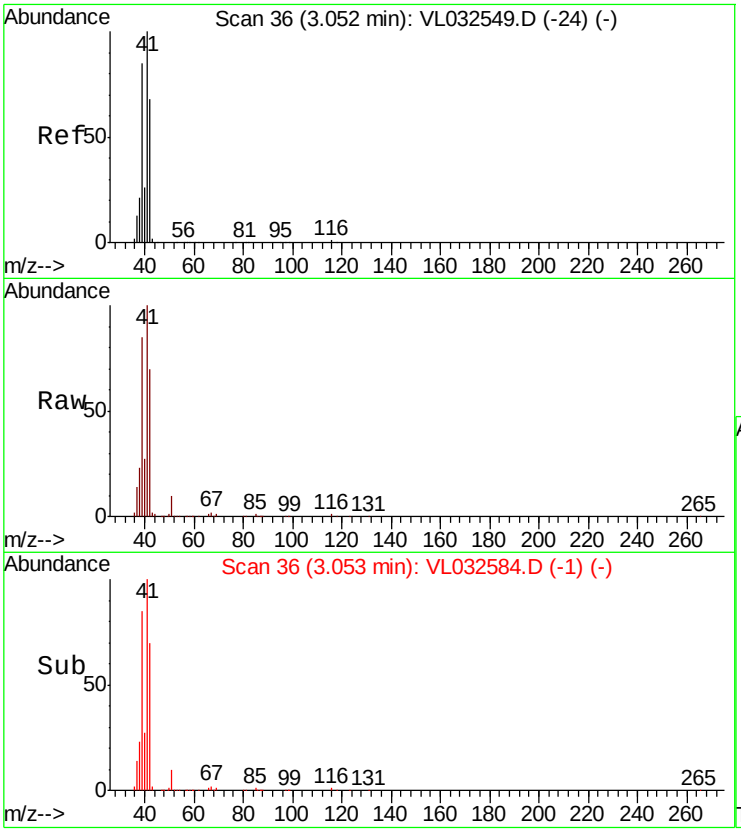


#8
Dichlorotetrafluoroethane
Concen: 10.376 ppbv
RT: 3.24 min Scan# 94
Delta R.T. -0.01 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 85 Resp: 1314297

Ion	Ratio	Lower	Upper
85	100		
135	61.5	48.6	72.8

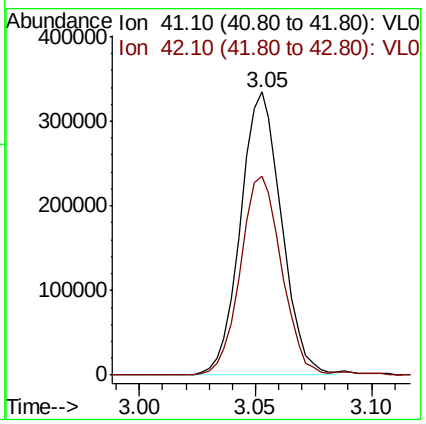




#9
Propene
Concen: 9.101 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

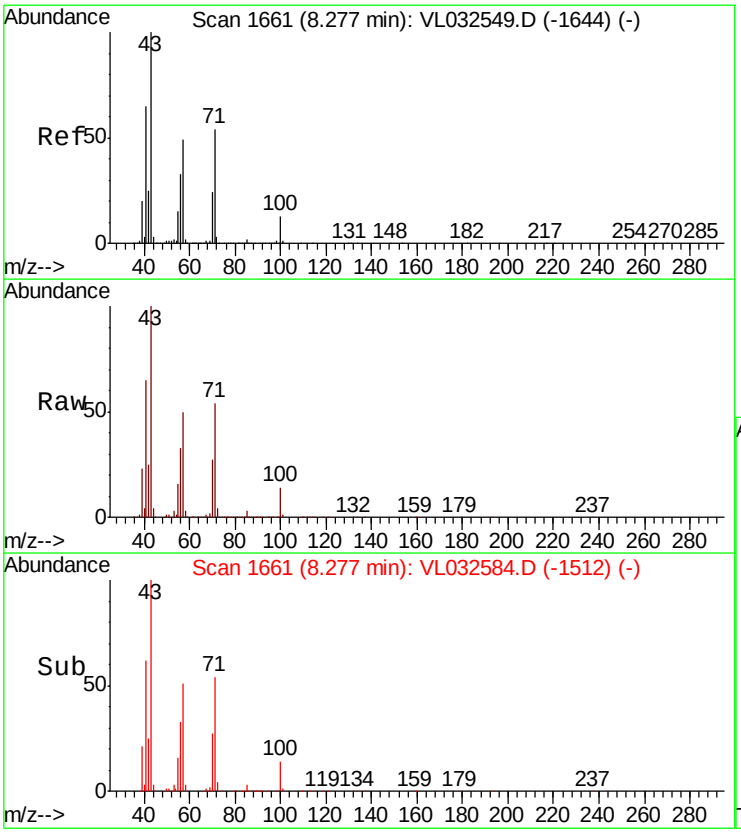
Tgt Ion: 41 Resp: 411606

Ion	Ratio	Lower	Upper
41	100		
42	71.7	56.6	84.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

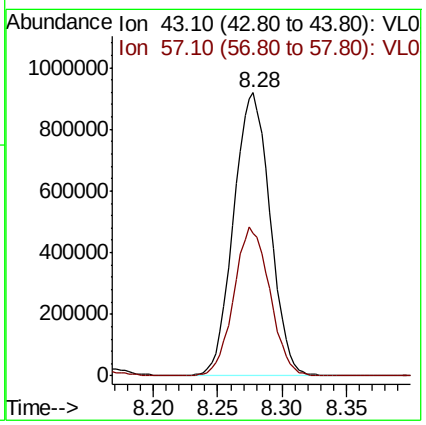
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

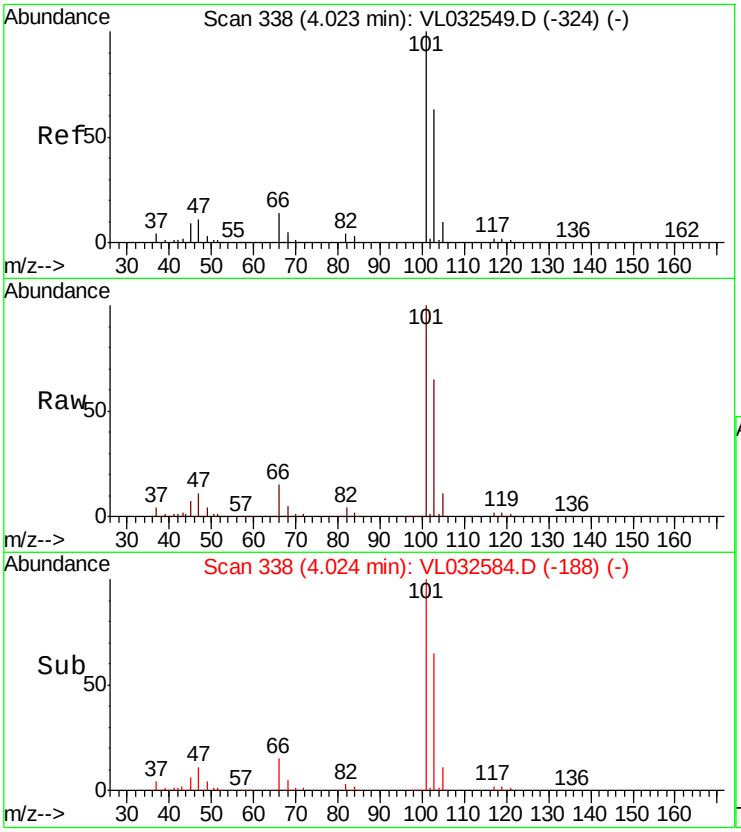


#10
Heptane
Concen: 10.882 ppbv
RT: 8.28 min Scan# 1661
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 43 Resp: 1805161

Ion	Ratio	Lower	Upper
43	100		
57	51.9	39.6	59.4





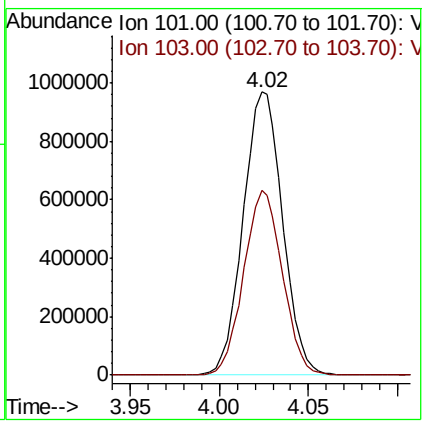
#11
Trichlorofluoromethane
Concen: 10.889 ppbv
RT: 4.02 min Scan# 338
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

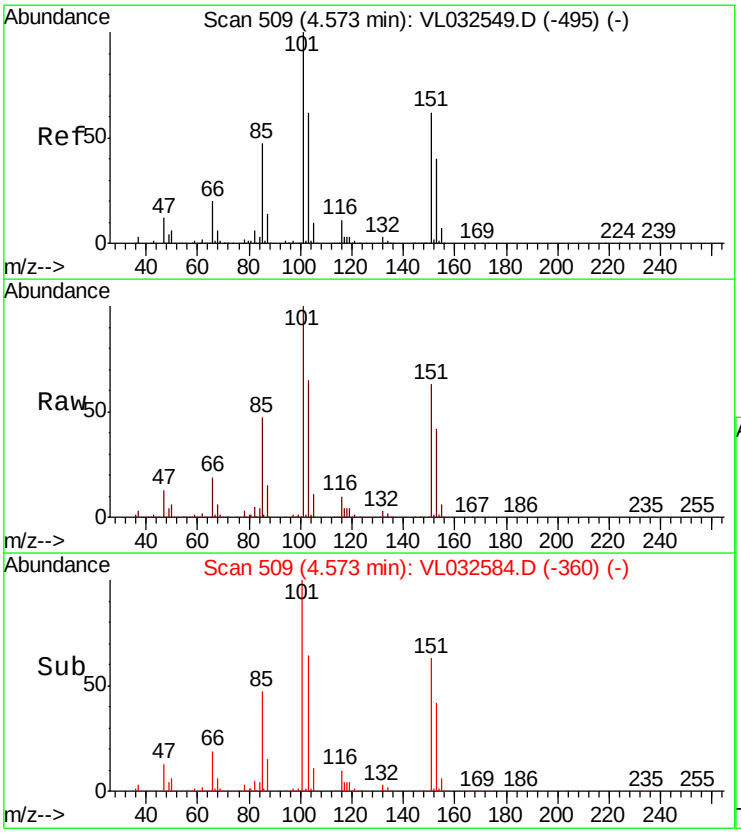
Tgt Ion:101 Resp: 1500741

Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.8	79.2

Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

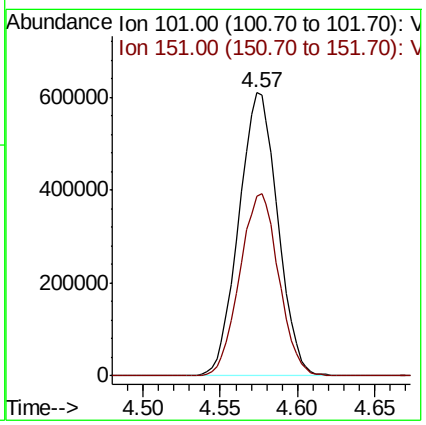


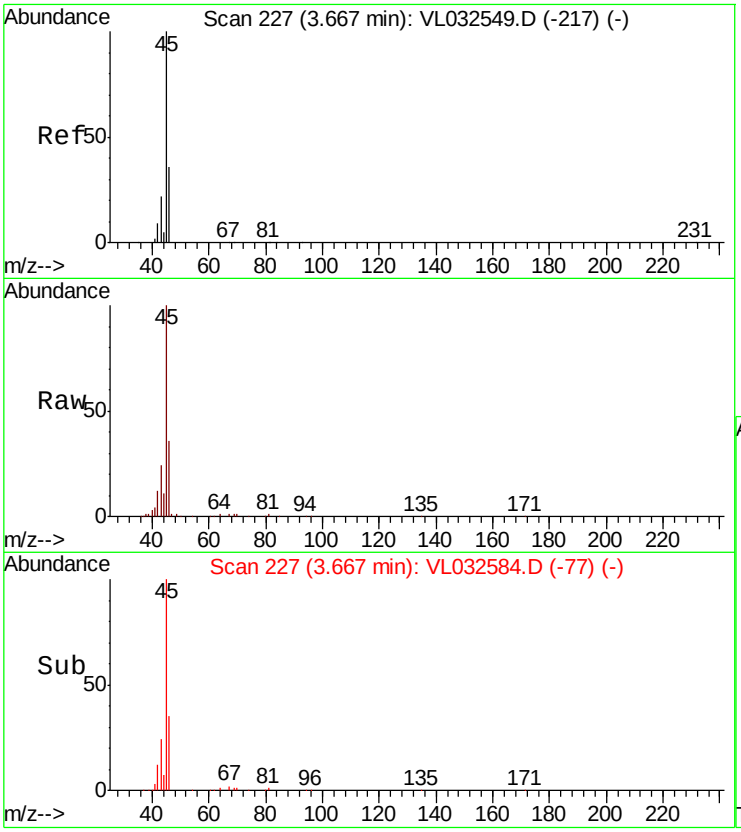


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.487 ppbv
RT: 4.57 min Scan# 509
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:101 Resp: 1068720

Ion	Ratio	Lower	Upper
101	100		
151	64.7	52.6	78.8

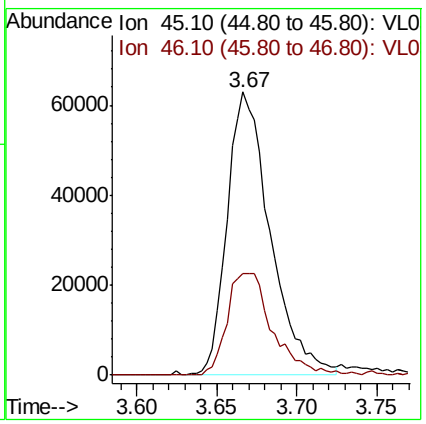




#13
Ethanol
Concen: 8.499 ppbv
RT: 3.67 min Scan# 227
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

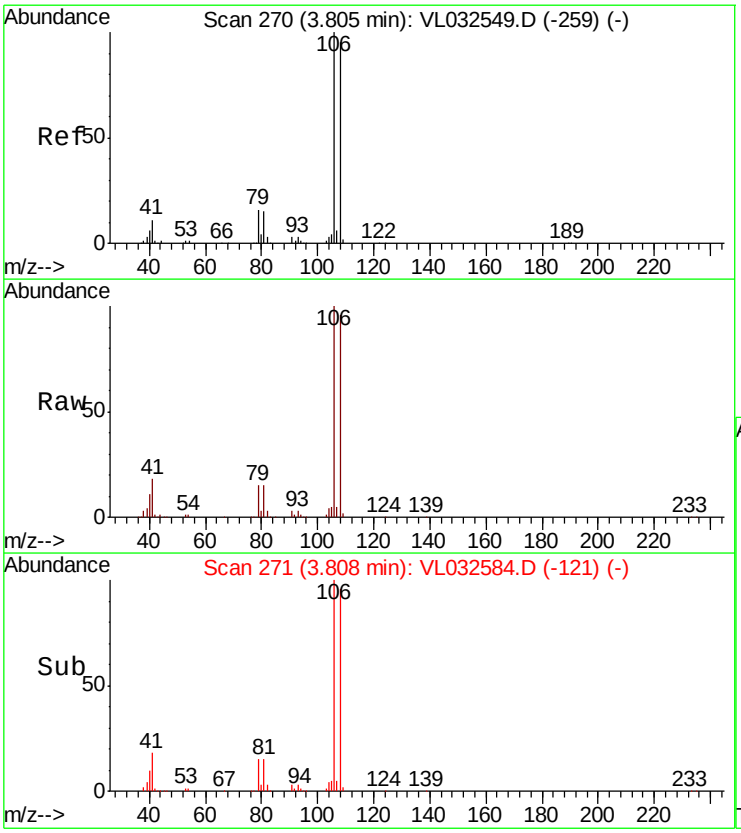
Tgt Ion: 45 Resp: 115538

Ion	Ratio	Lower	Upper
45	100		
46	38.0	14.2	56.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

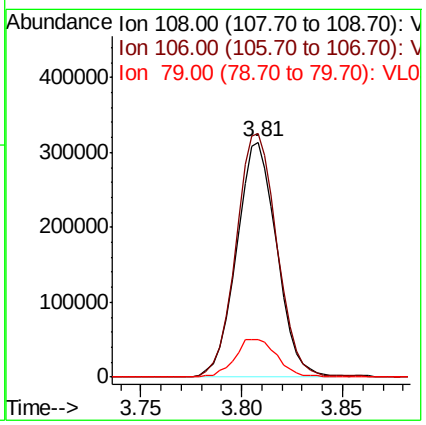
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

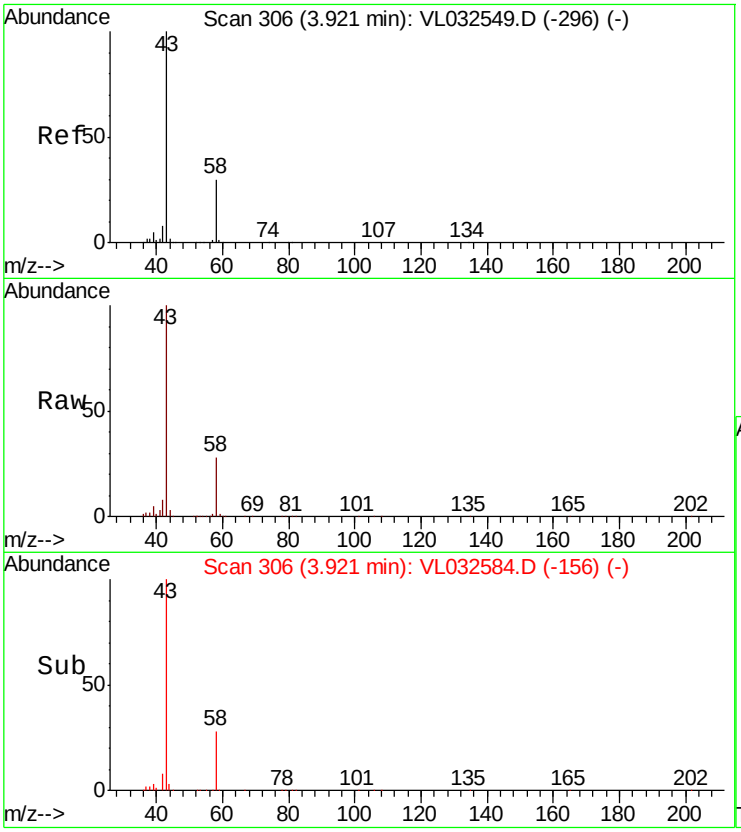


#14
Bromoethene
Concen: 10.953 ppbv
RT: 3.81 min Scan# 271
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:108 Resp: 437852

Ion	Ratio	Lower	Upper
108	100		
106	106.5	85.5	128.3
79	17.2	13.0	19.6





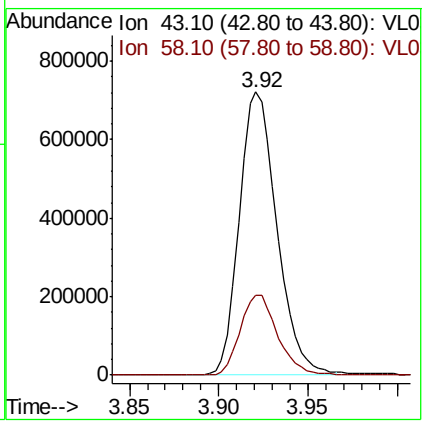
#15
Acetone
Concen: 9.681 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

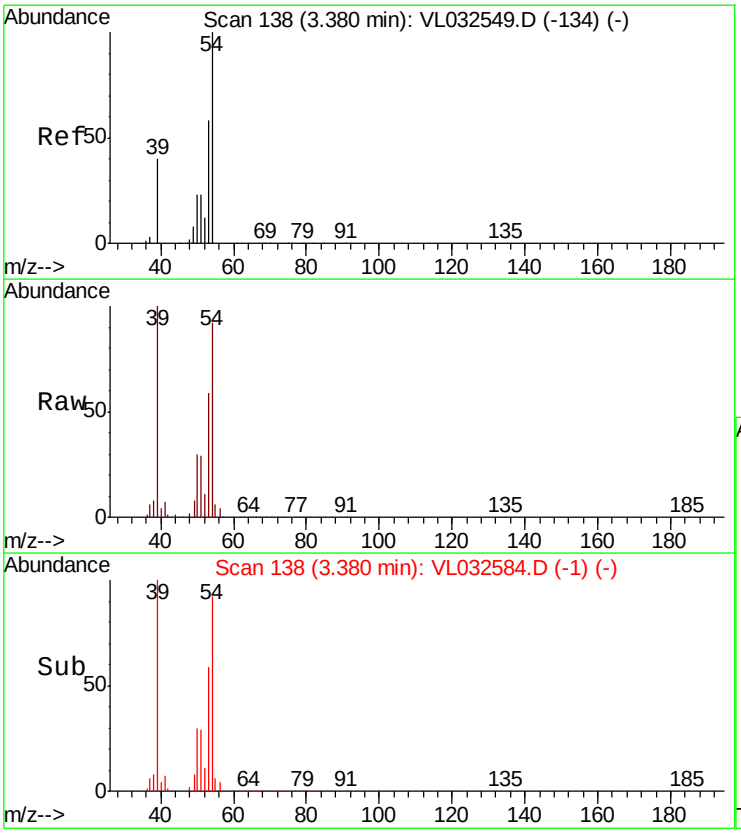
Tgt Ion: 43 Resp: 1065125

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	33.8

Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

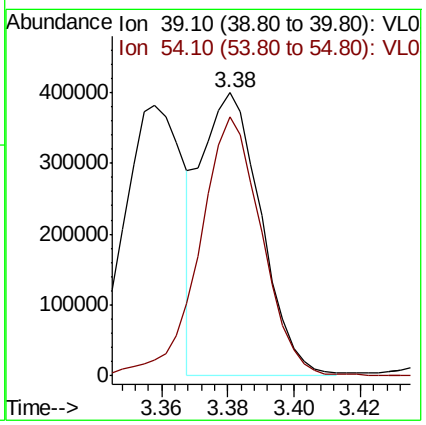


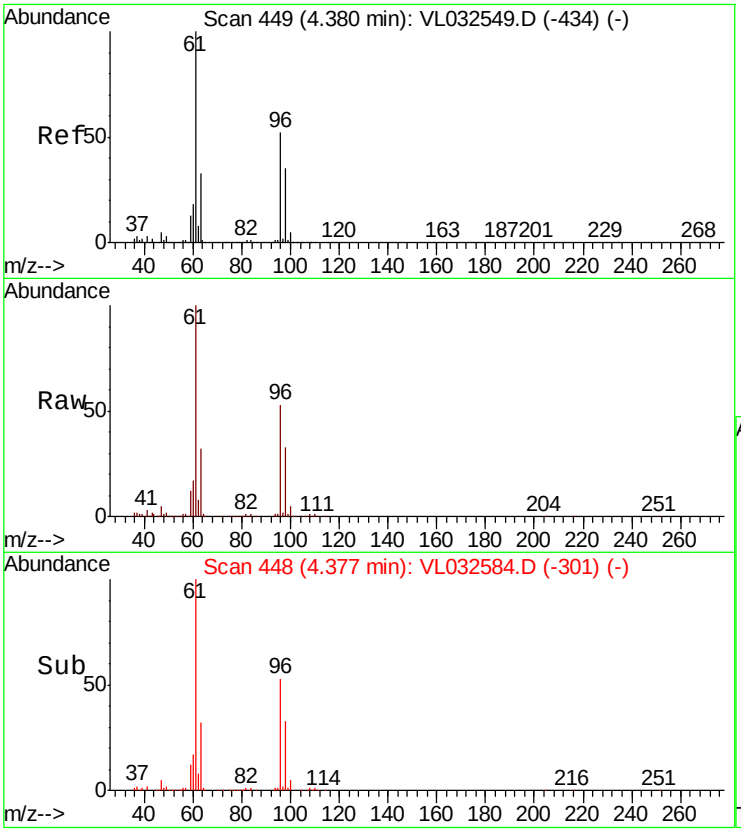


#16
1,3-Butadiene
Concen: 11.138 ppbv
RT: 3.38 min Scan# 138
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 39 Resp: 496980

Ion	Ratio	Lower	Upper
39	100		
54	96.2	80.8	121.2





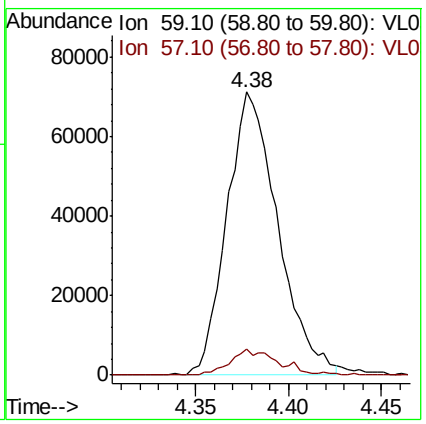
#17
tert-Butyl alcohol
Concen: 9.814 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

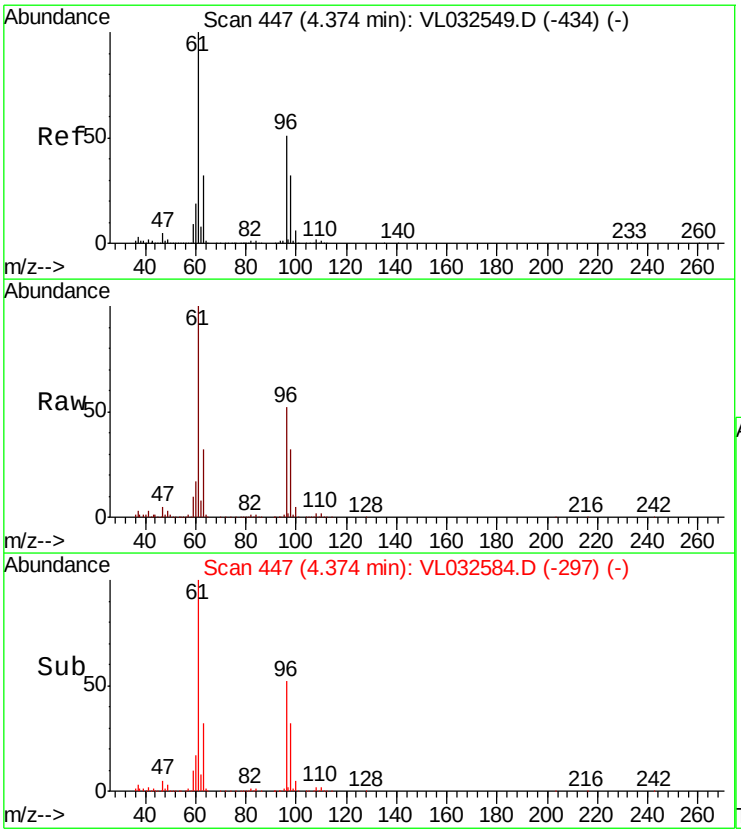
Tgt Ion: 59 Resp: 135683

Ion	Ratio	Lower	Upper
59	100		
57	8.7	0.0	0.0#

Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

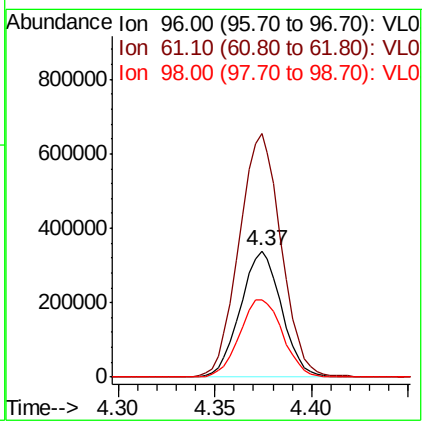


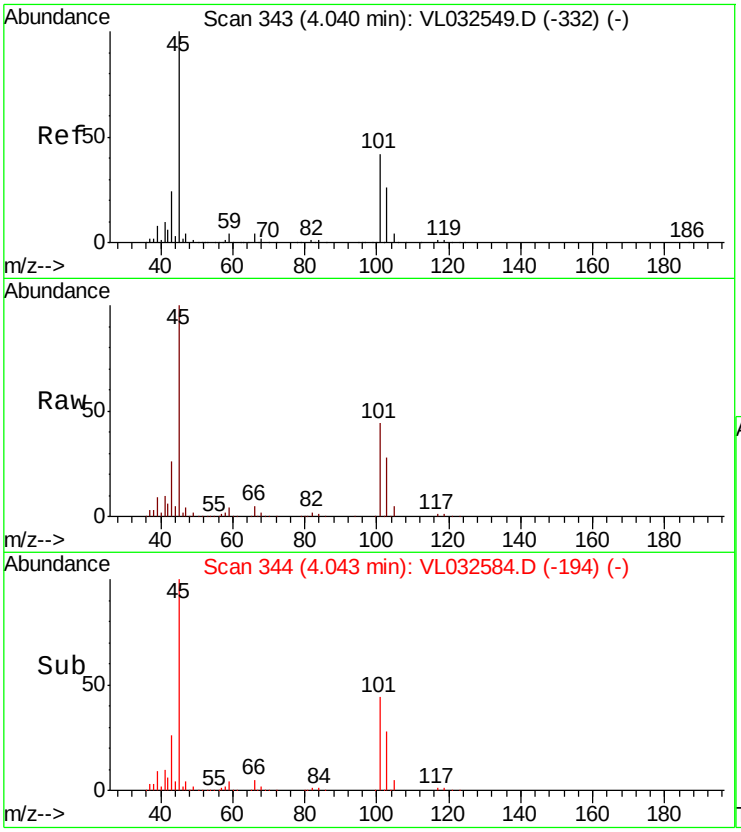


#18
1,1-Dichloroethene
Concen: 9.492 ppbv
RT: 4.37 min Scan# 447
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 96 Resp: 500809

Ion	Ratio	Lower	Upper
96	100		
61	193.2	159.2	238.8
98	61.0	51.0	76.4

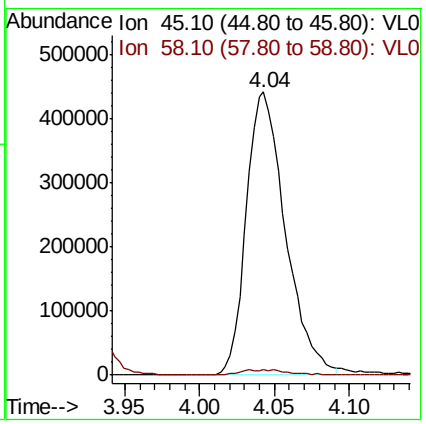




#19
Isopropyl Alcohol
Concen: 10.466 ppbv
RT: 4.04 min Scan# 344
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

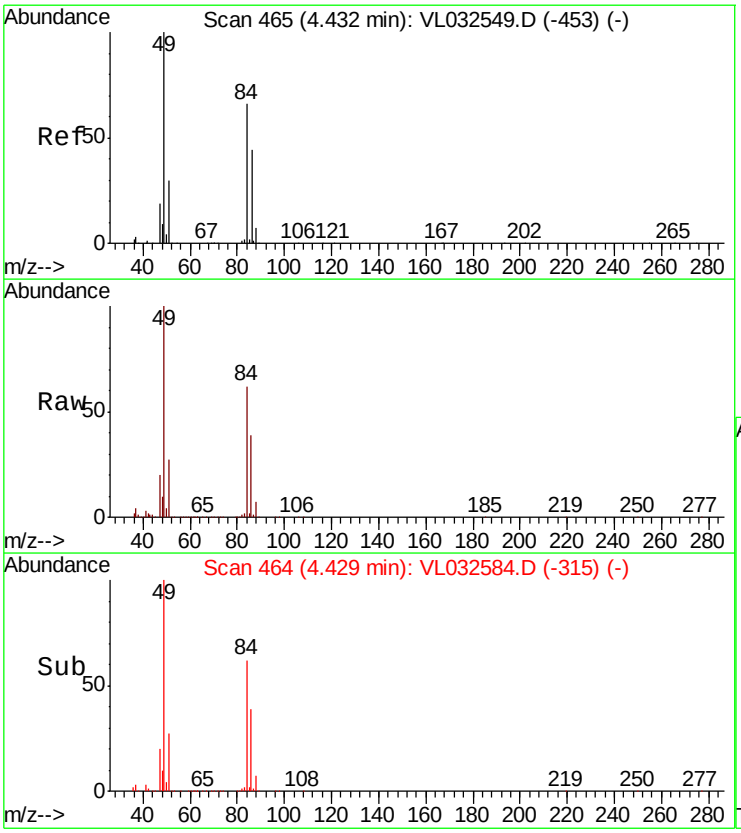
Tgt Ion: 45 Resp: 802106

Ion	Ratio	Lower	Upper
45	100		
58	2.6	2.0	3.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

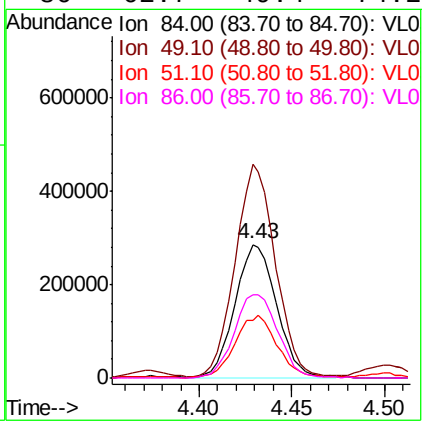
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

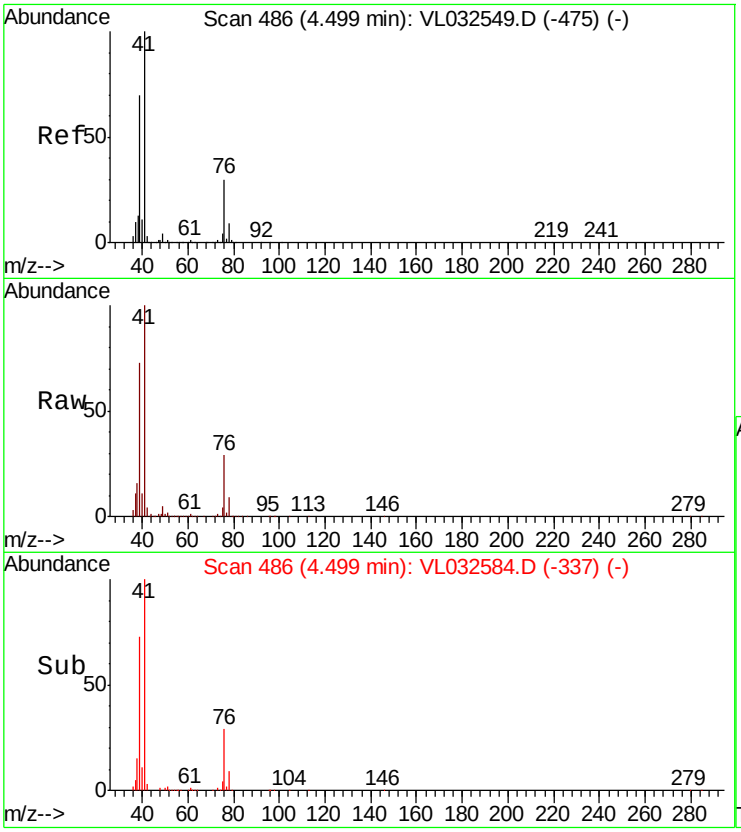


#20
Methylene Chloride
Concen: 8.263 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 84 Resp: 440258

Ion	Ratio	Lower	Upper
84	100		
49	159.6	119.1	178.7
51	43.2	35.2	52.8
86	62.7	49.4	74.2

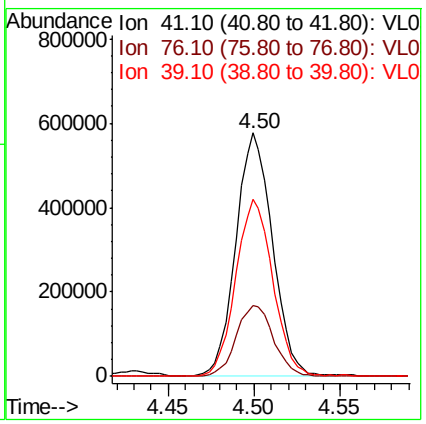




#21
Allvl Chloride
Concen: 9.479 ppbv
RT: 4.50 min Scan# 486
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

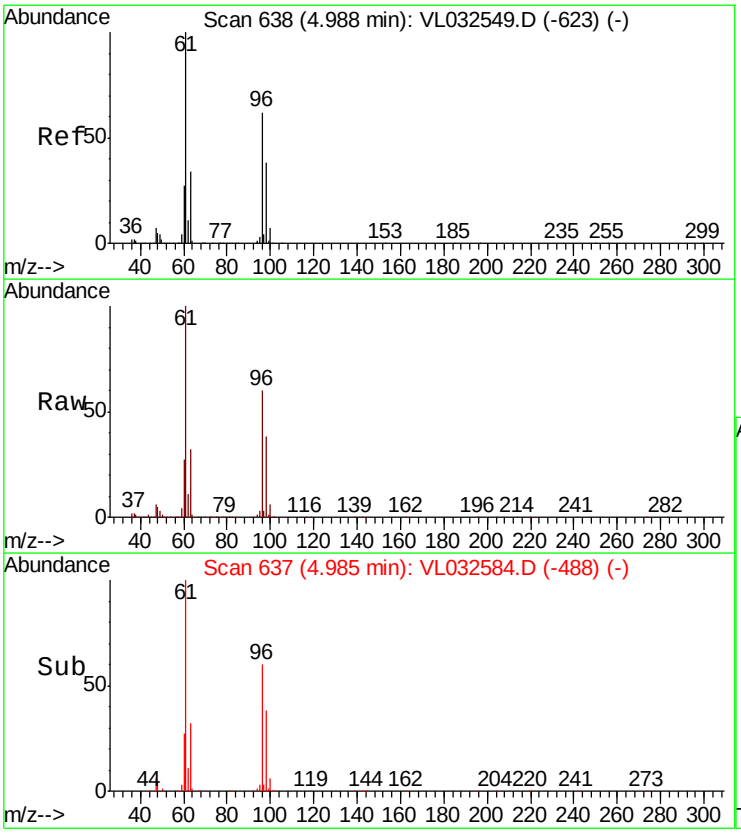
Tgt Ion: 41 Resp: 852331

Ion	Ratio	Lower	Upper
41	100		
76	29.9	23.6	35.4
39	73.9	57.7	86.5



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

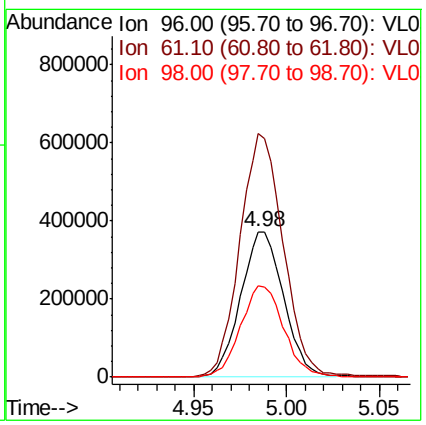
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

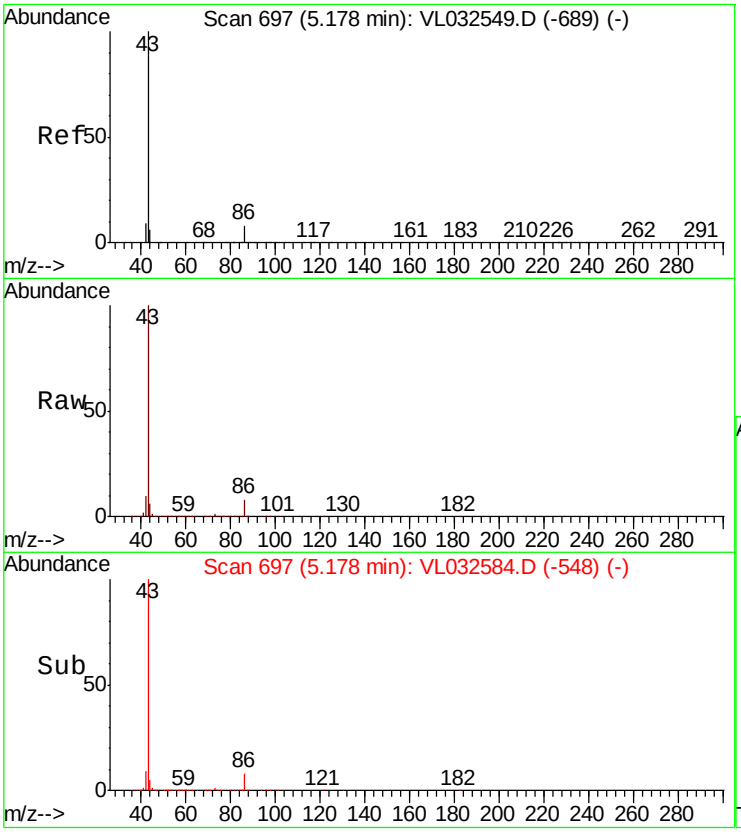


#22
trans-1,2-Dichloroethene
Concen: 12.024 ppbv
RT: 4.98 min Scan# 637
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 96 Resp: 597878

Ion	Ratio	Lower	Upper
96	100		
61	167.4	136.2	204.4
98	62.9	50.4	75.6

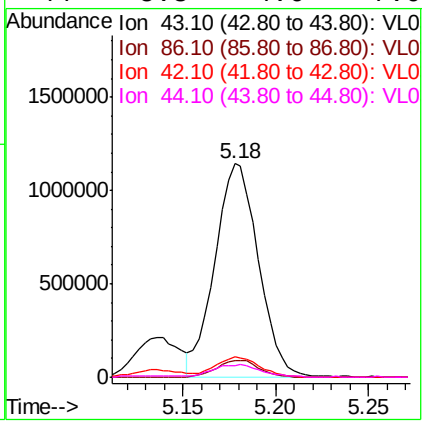




#23
Vinyl Acetate
Concen: 9.536 ppbv
RT: 5.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

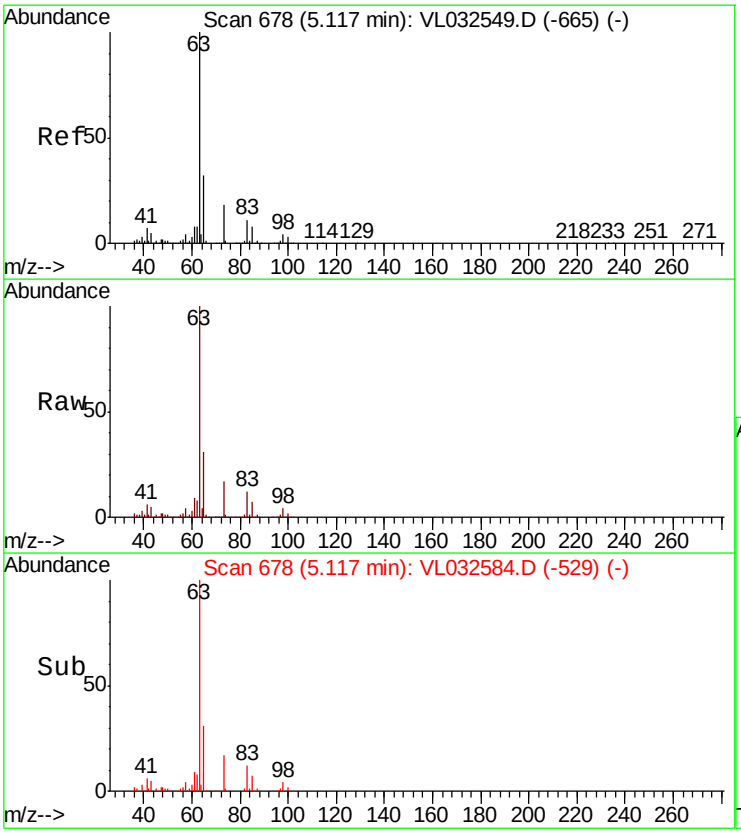
Tgt Ion: 43 Resp: 1853926

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.9	8.9
42	9.4	6.9	10.3
44	5.3	4.6	7.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

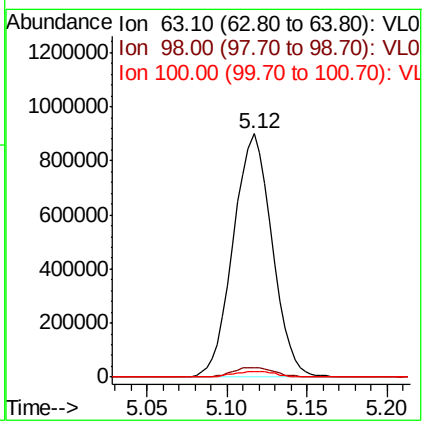
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

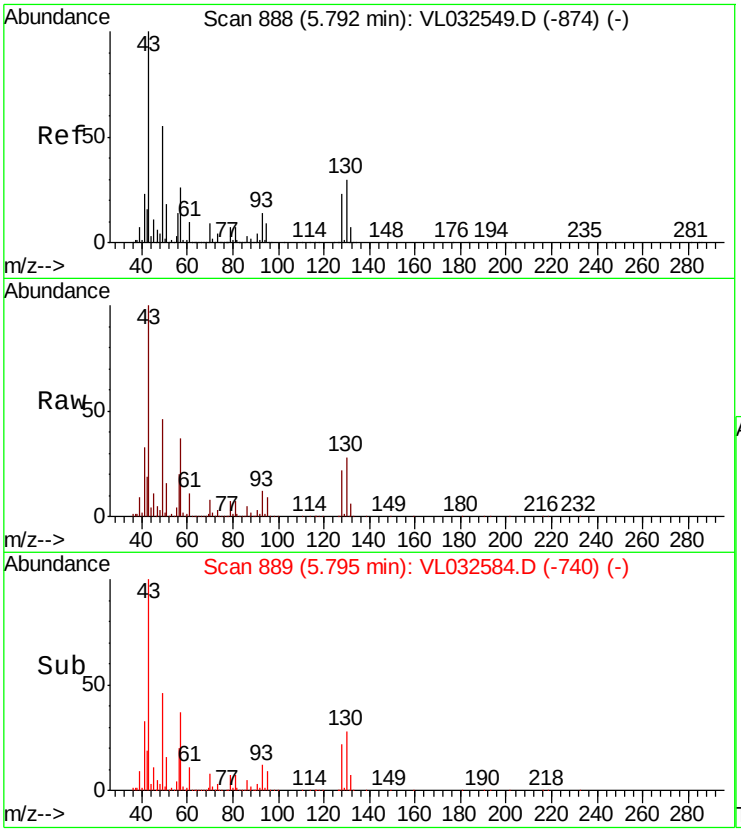


#24
1,1-Dichloroethane
Concen: 9.161 ppbv
RT: 5.12 min Scan# 678
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 63 Resp: 1483157

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.5
100	2.3	1.5	4.4

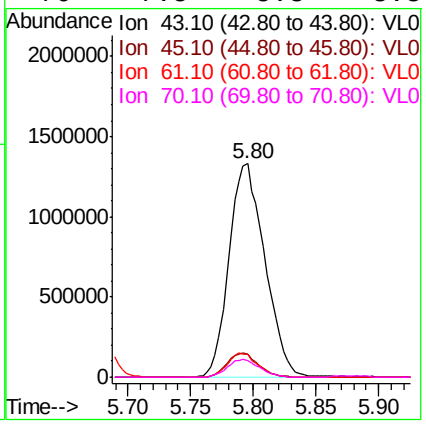




#25
Ethyl Acetate
Concen: 9.881 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

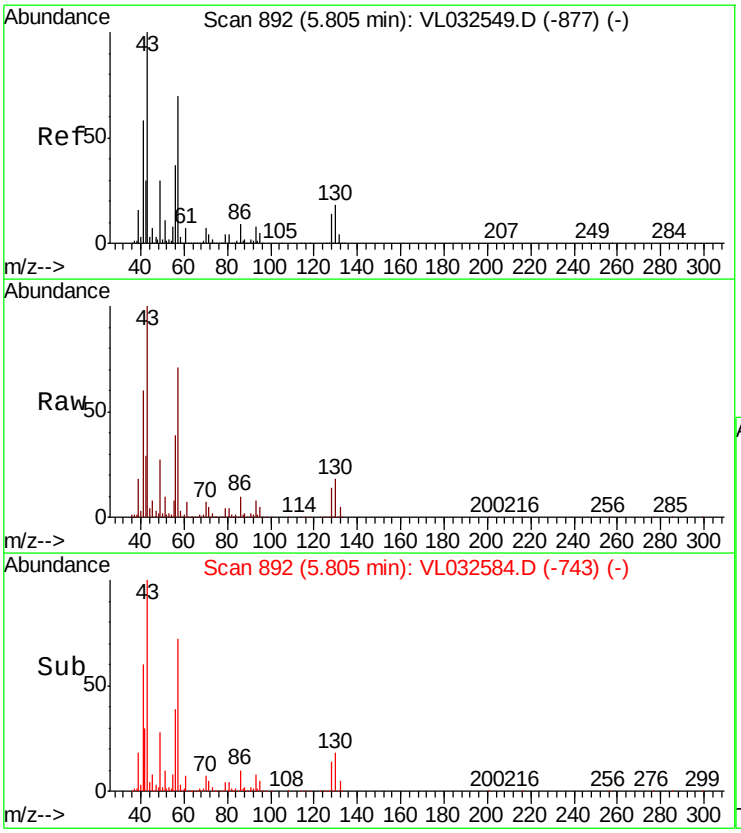
Tgt Ion: 43 Resp: 2637940

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	9.7	7.6	11.4
70	7.5	5.8	8.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

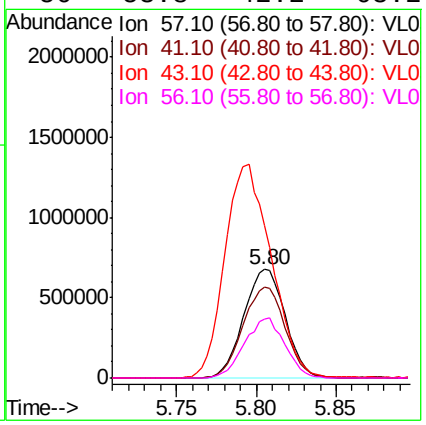
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

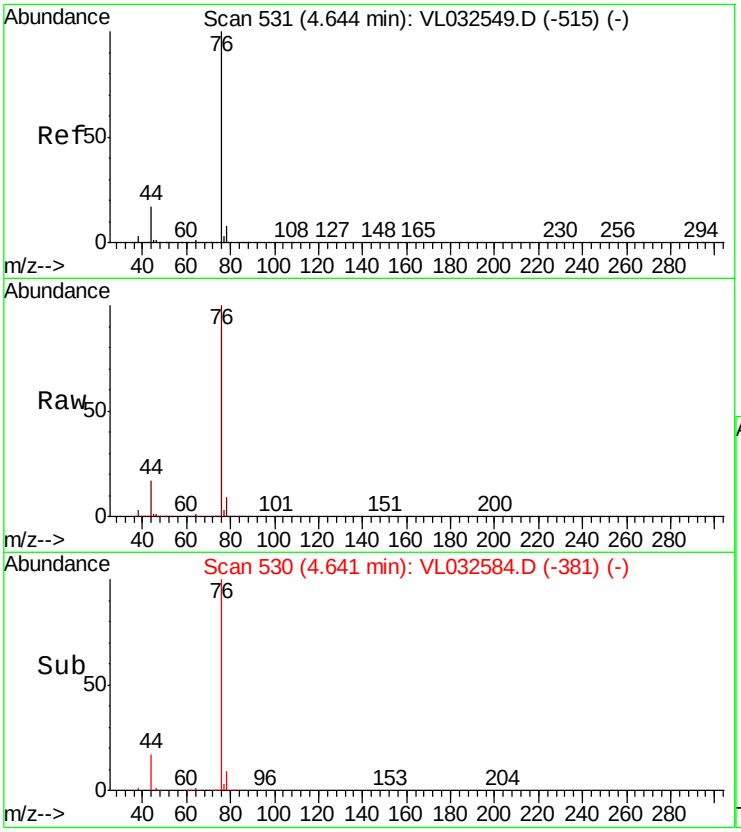


#26
Hexane
Concen: 9.984 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 57 Resp: 1204002

Ion	Ratio	Lower	Upper
57	100		
41	85.5	69.0	103.4
43	220.2	172.1	258.1
56	53.8	42.2	63.2

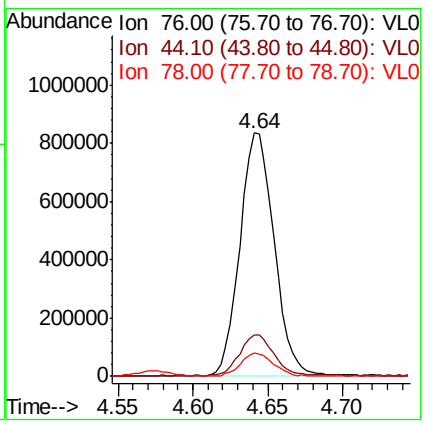




#27
Carbon Disulfide
Concen: 10.333 ppbv
RT: 4.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

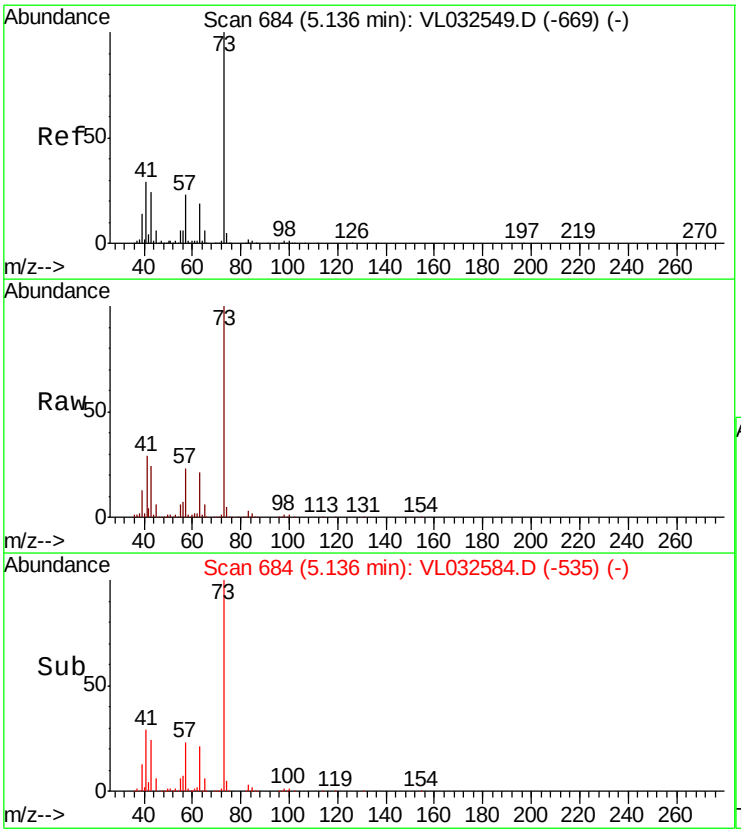
Tgt Ion: 76 Resp: 1339581

Ion	Ratio	Lower	Upper
76	100		
44	16.7	14.0	21.0
78	9.4	7.5	11.3



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

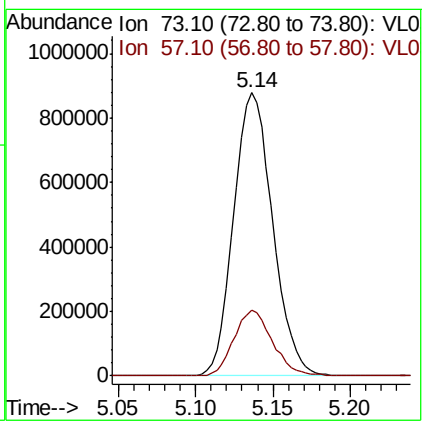
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

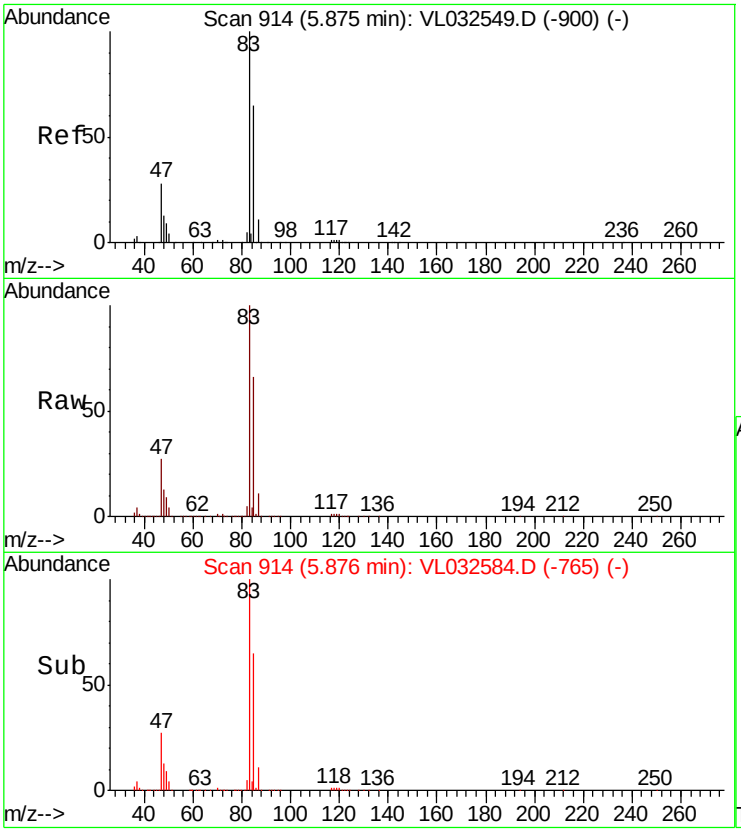


#28
Methyl tert-Butyl Ether
Concen: 10.254 ppbv
RT: 5.14 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 73 Resp: 1540324

Ion	Ratio	Lower	Upper
73	100		
57	22.8	19.3	28.9

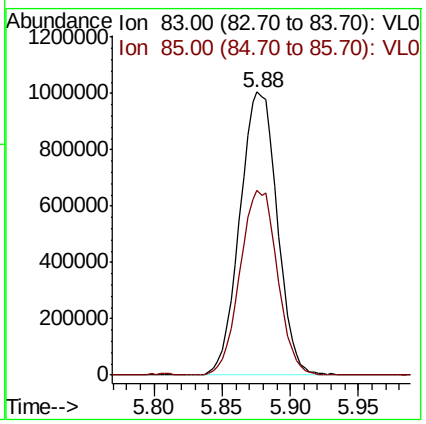




#29
Chloroform
Concen: 10.336 ppbv
RT: 5.88 min Scan# 914
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

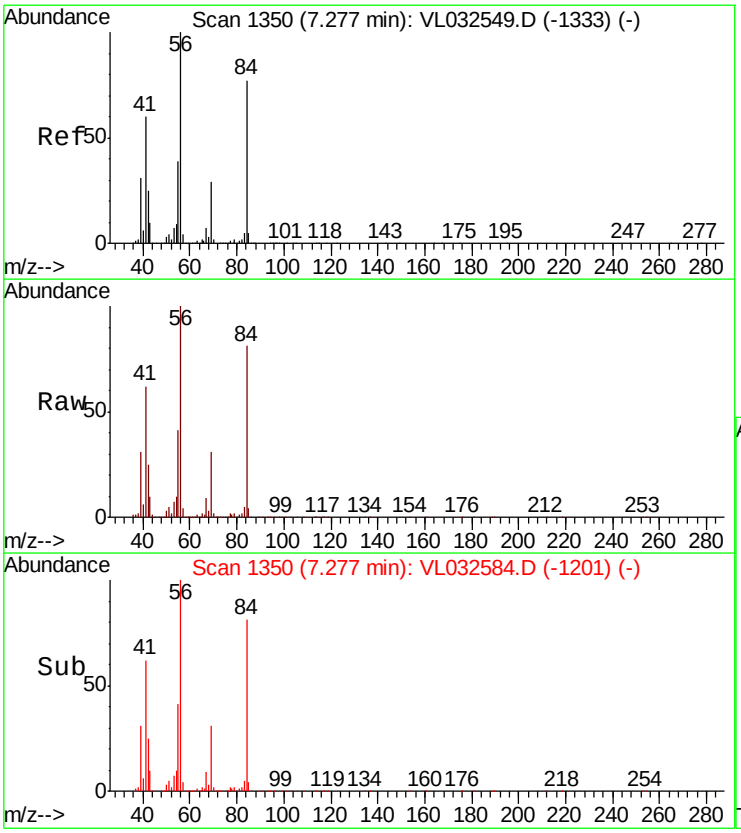
Tgt Ion: 83 Resp: 1912597

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

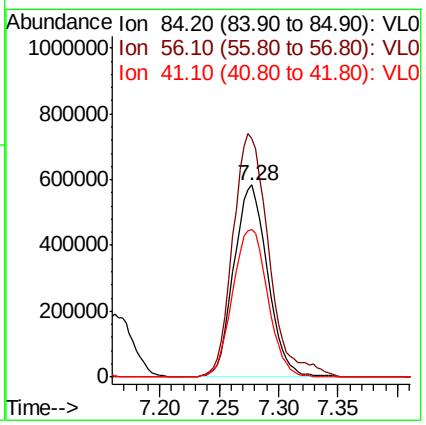
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

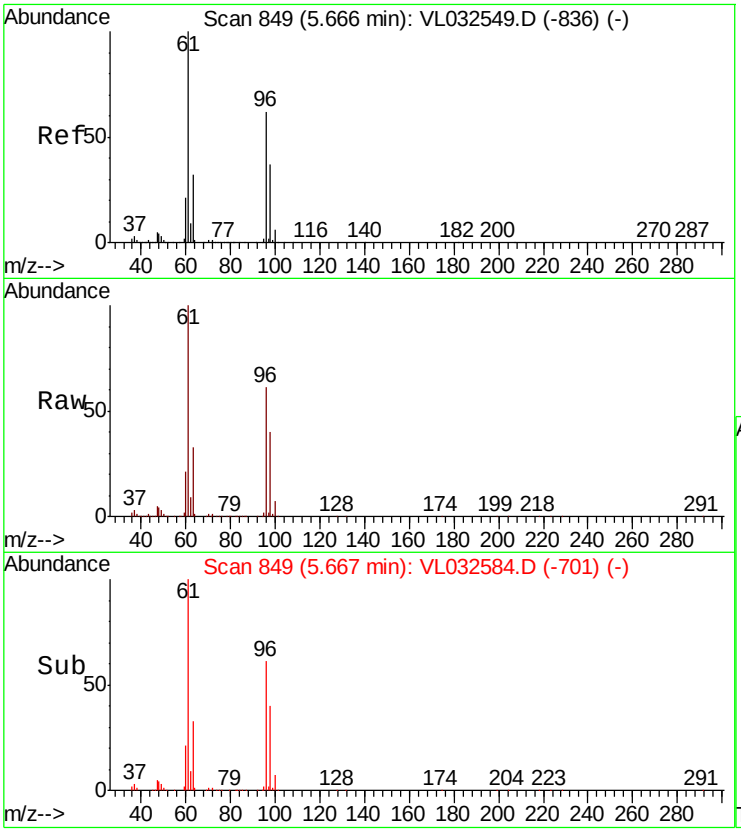


#30
Cyclohexane
Concen: 11.724 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 84 Resp: 1151174

Ion	Ratio	Lower	Upper
84	100		
56	135.0	113.5	170.3
41	79.8	68.1	102.1

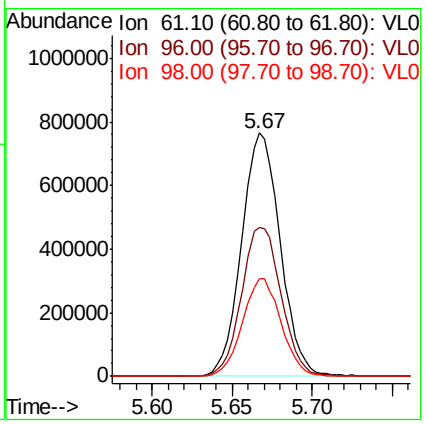




#31
cis-1,2-Dichloroethene
Concen: 10.966 ppbv
RT: 5.67 min Scan# 849
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

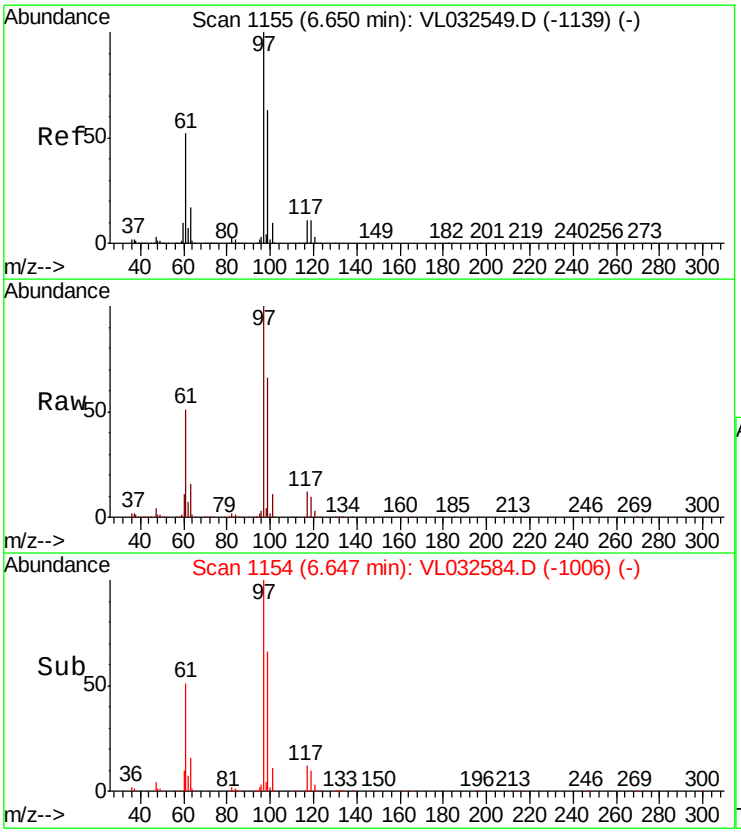
Tgt Ion: 61 Resp: 1259408

Ion	Ratio	Lower	Upper
61	100		
96	61.1	49.2	73.8
98	40.2	30.7	46.1



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

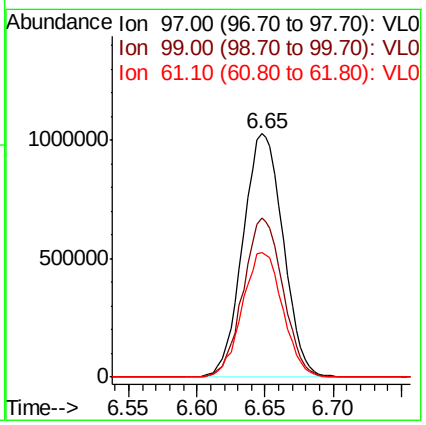
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

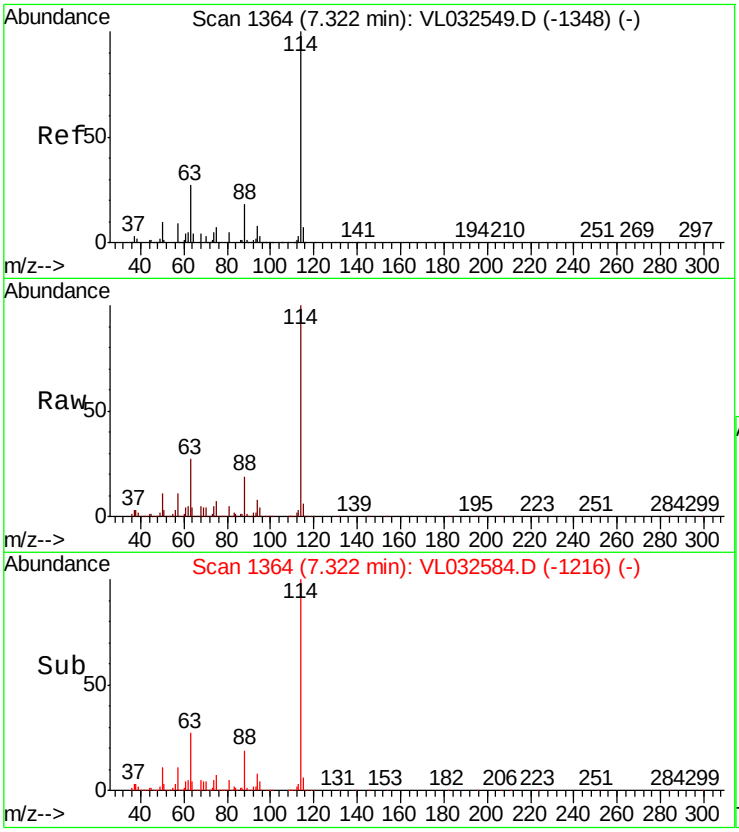


#32
1,1,1-Trichloroethane
Concen: 10.695 ppbv
RT: 6.65 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 97 Resp: 2108924

Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	51.4	42.5	63.7

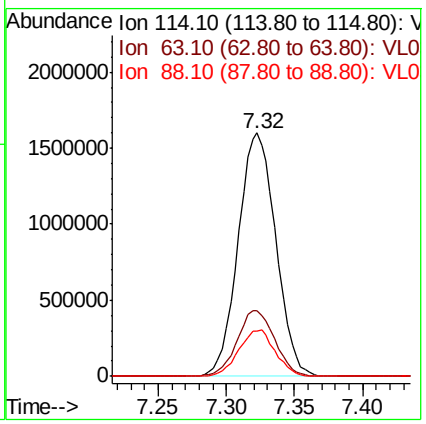




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

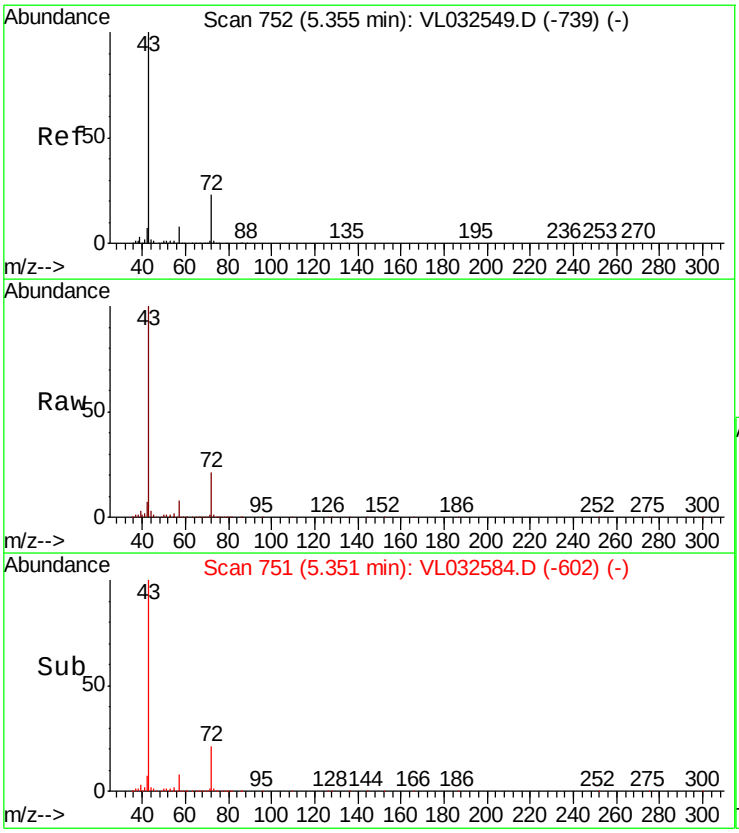
Tgt Ion:114 Resp: 3061405

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.6	15.0	22.4



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

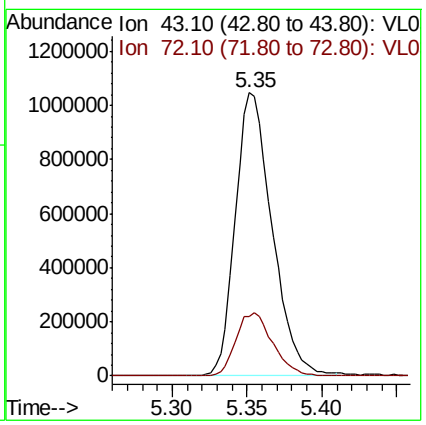
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

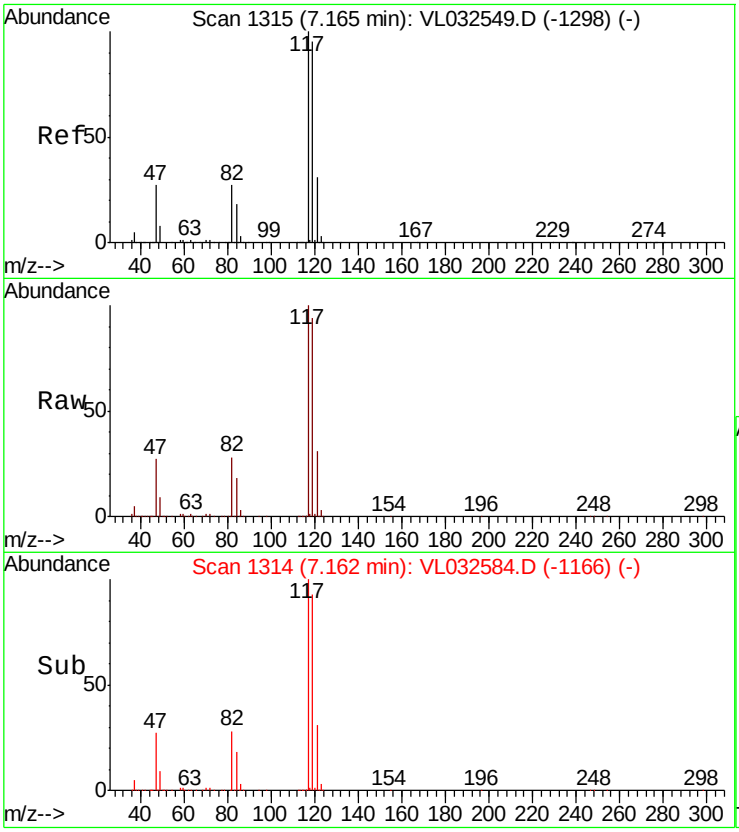


#34
2-Butanone
Concen: 9.802 ppbv
RT: 5.35 min Scan# 751
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 43 Resp: 1787053

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.8	26.6

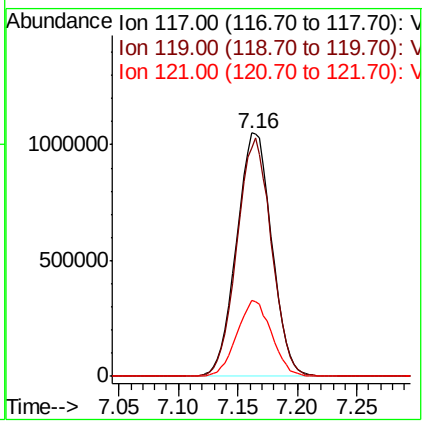




#35
Carbon Tetrachloride
Concen: 10.146 ppbv
RT: 7.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

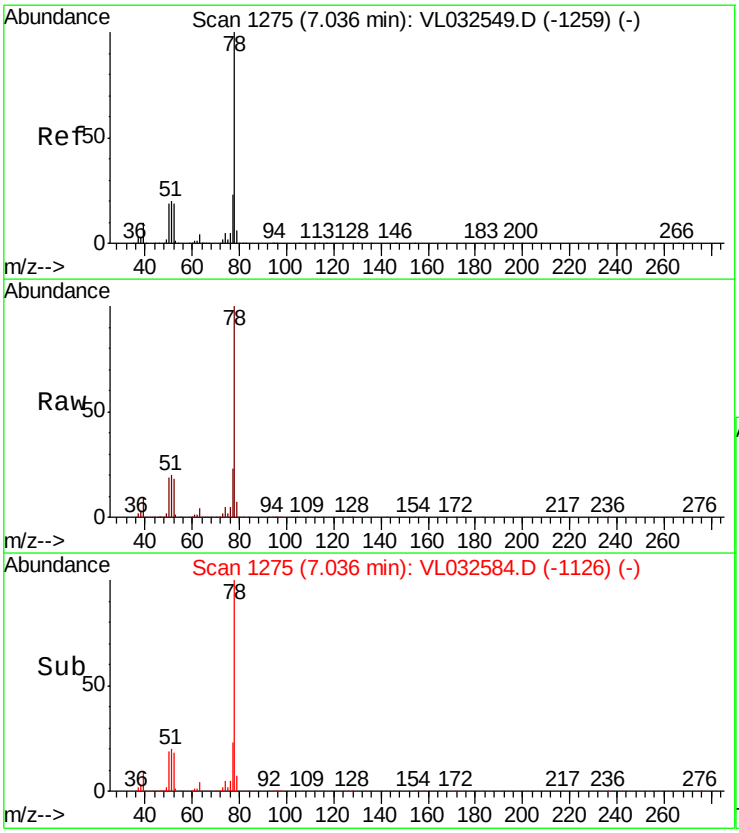
Tgt Ion:117 Resp: 2158399

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.6	115.0
121	31.4	24.6	36.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

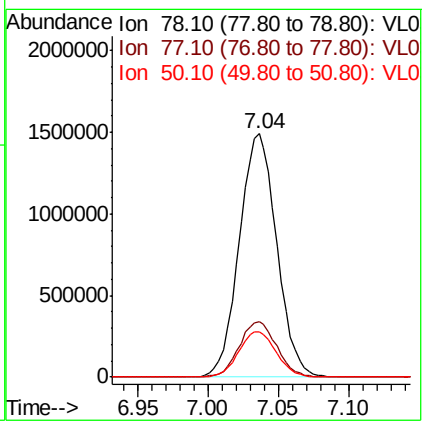
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

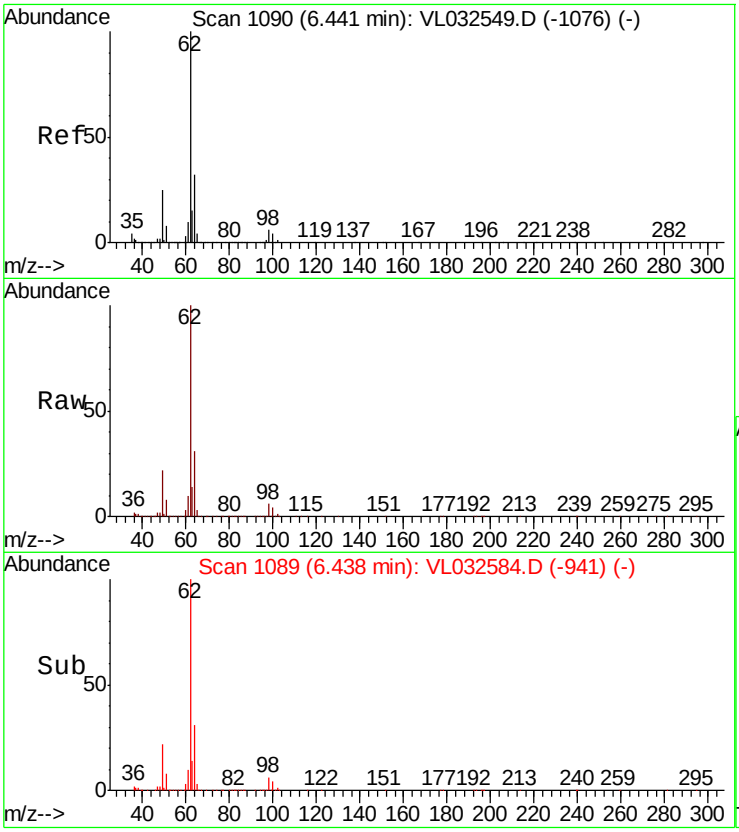


#36
Benzene
Concen: 11.200 ppbv
RT: 7.04 min Scan# 1275
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 78 Resp: 2770859

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.4	27.6
50	18.8	14.4	21.6

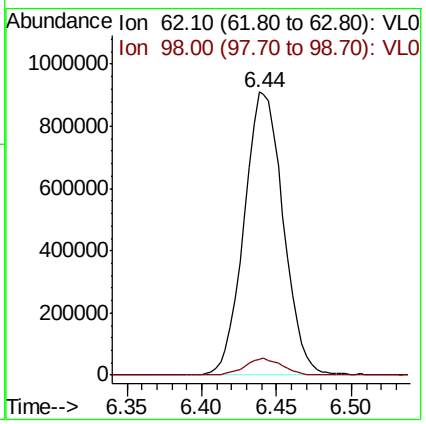




#37
1,2-Dichloroethane
Concen: 11.137 ppbv
RT: 6.44 min Scan# 1089
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

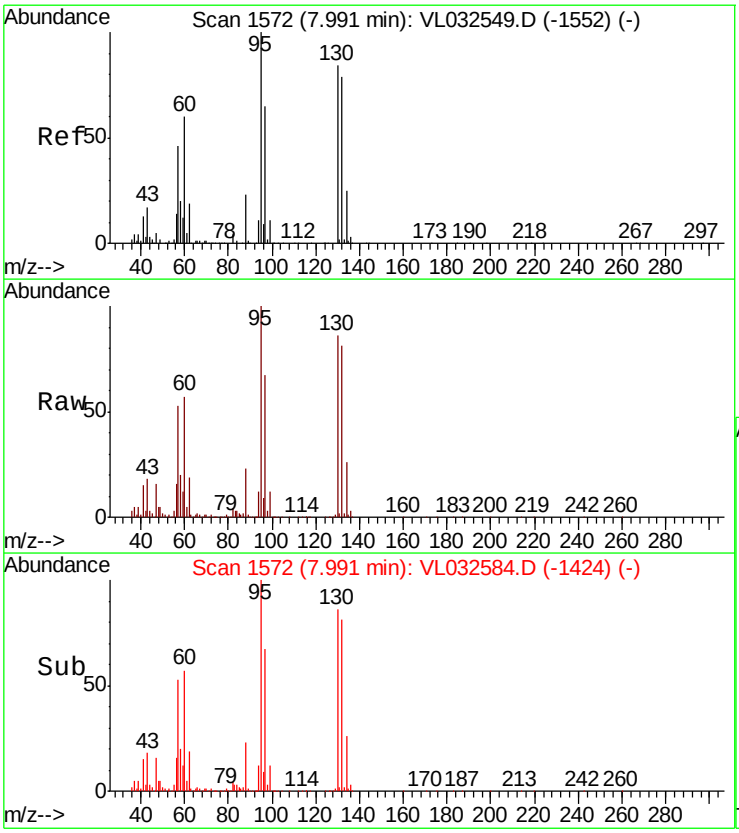
Tgt Ion: 62 Resp: 1660493

Ion	Ratio	Lower	Upper
62	100		
98	5.7	5.0	7.6



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

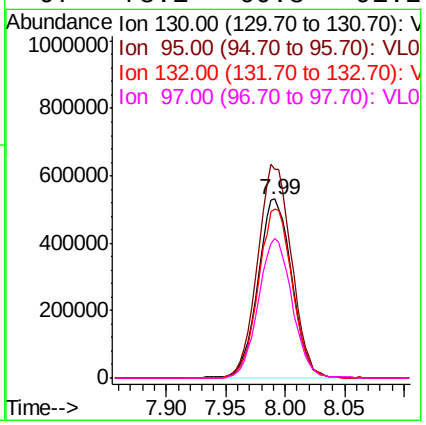
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

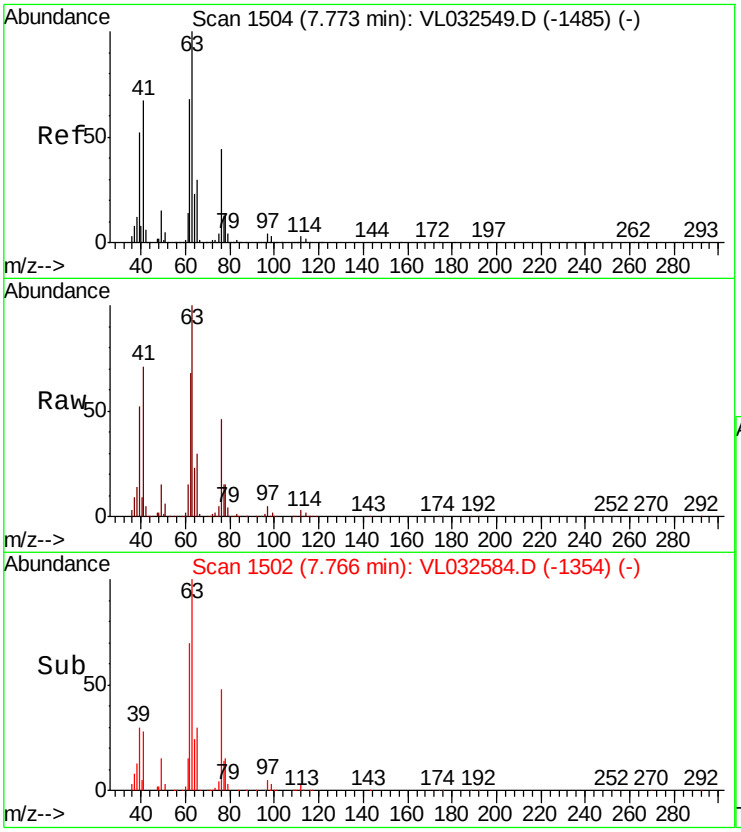


#38
Trichloroethene
Concen: 11.064 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:130 Resp: 1047754

Ion	Ratio	Lower	Upper
130	100		
95	117.0	94.2	141.4
132	94.8	76.2	114.4
97	78.1	60.8	91.2

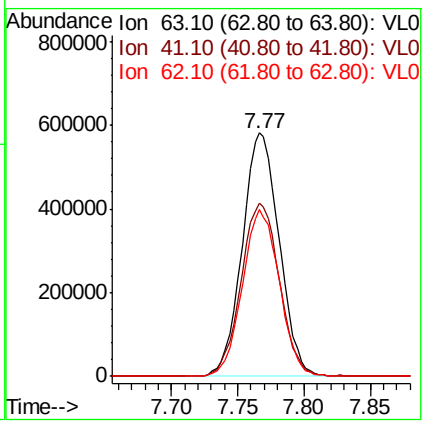




#39
1,2-Dichloropropane
Concen: 10.095 ppbv
RT: 7.77 min Scan# 1502
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

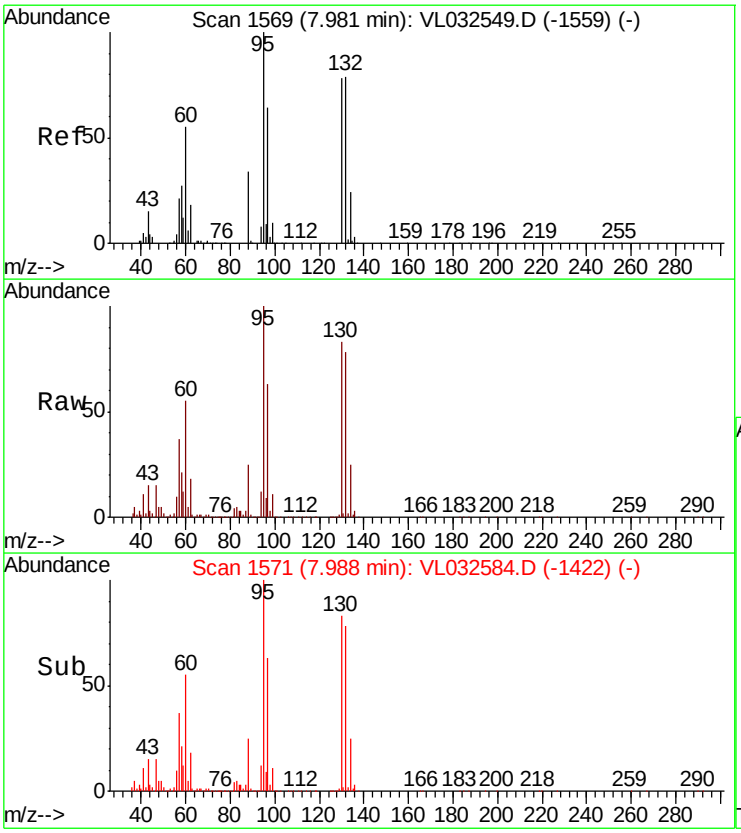
Tgt Ion: 63 Resp: 1125539

Ion	Ratio	Lower	Upper
63	100		
41	71.0	55.4	83.0
62	68.3	55.4	83.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

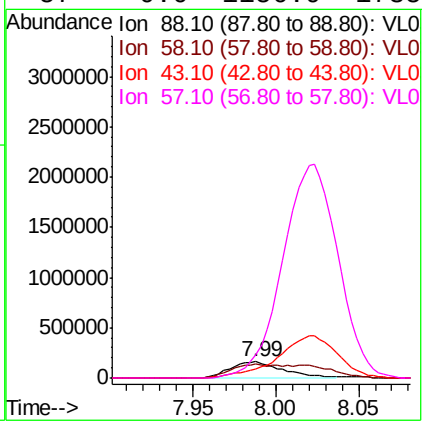
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

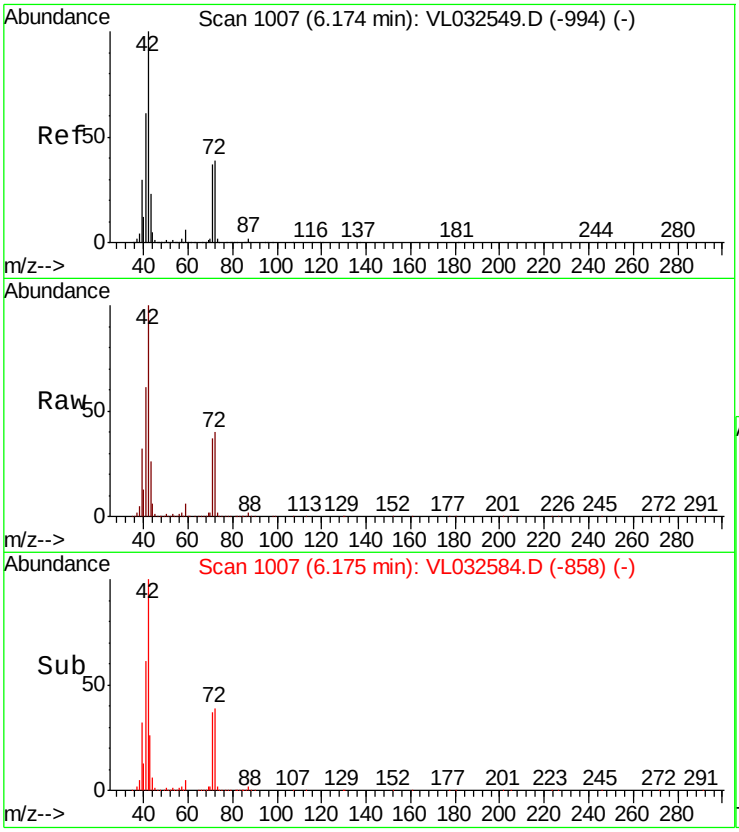


#40
1,4-Dioxane
Concen: 10.666 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 88 Resp: 364636

Ion	Ratio	Lower	Upper
88	100		
58	143.3	119.7	179.5
43	0.0	253.0	379.4#
57	0.0	1156.9	1735.3#

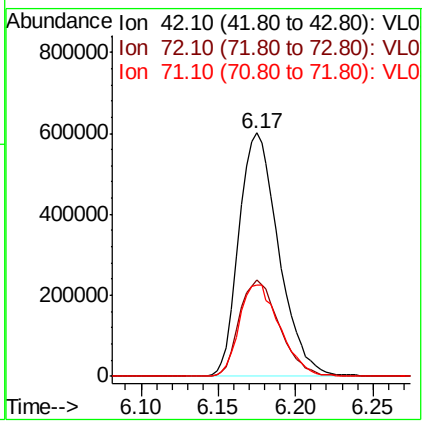




#41
Tetrahydrofuran
Concen: 10.874 ppbv
RT: 6.17 min Scan# 1007
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

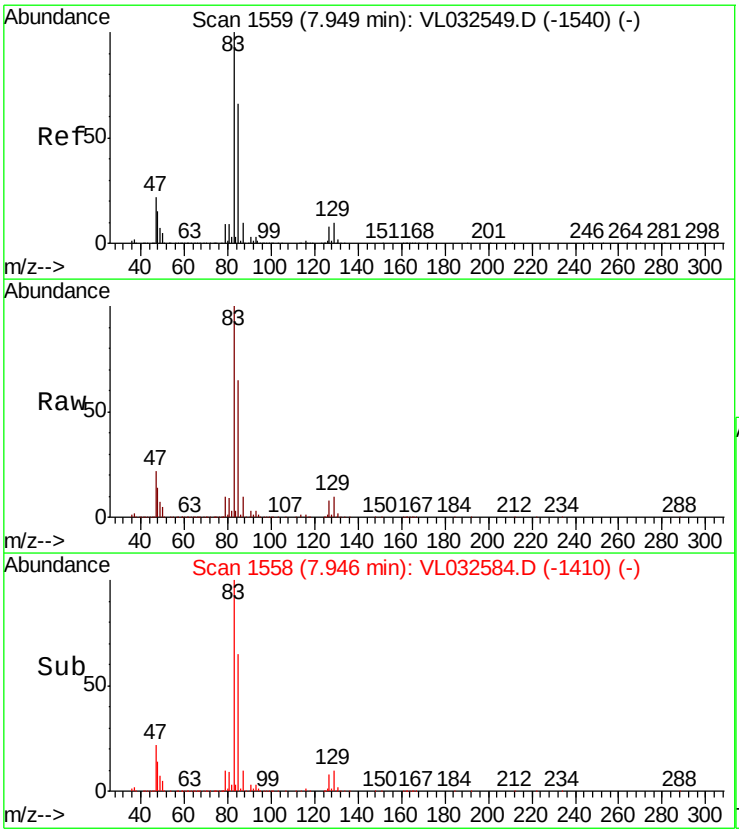
Tgt Ion: 42 Resp: 1076991

Ion	Ratio	Lower	Upper
42	100		
72	39.8	29.5	44.3
71	38.6	28.3	42.5



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

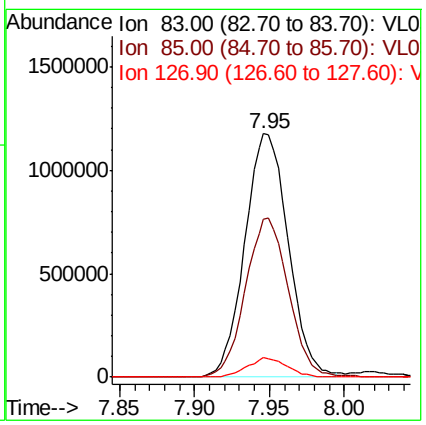
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

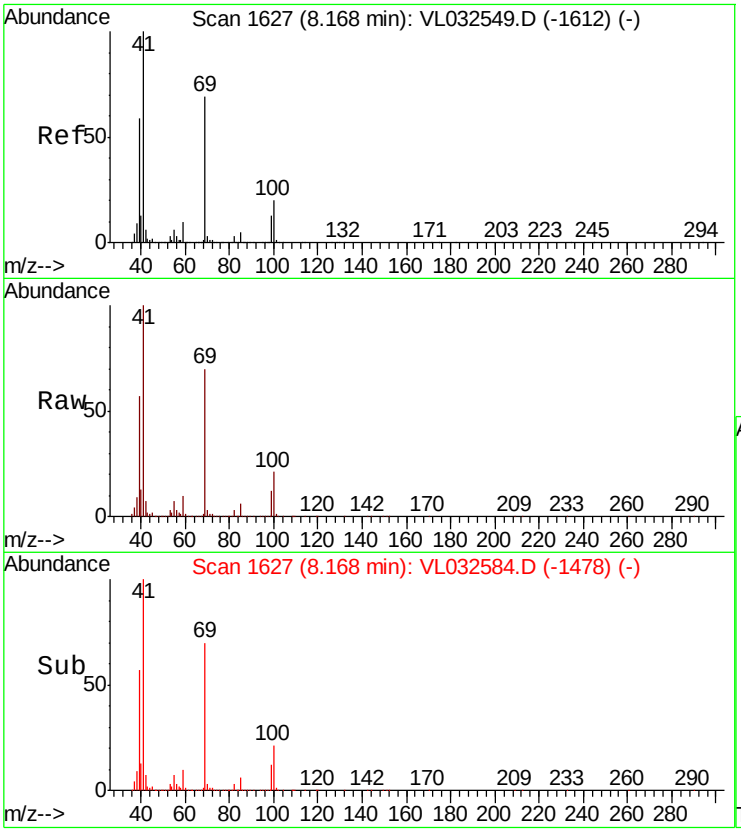


#42
Bromodichloromethane
Concen: 10.646 ppbv
RT: 7.95 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 83 Resp: 2378189

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.1	76.7
127	7.9	5.8	8.8

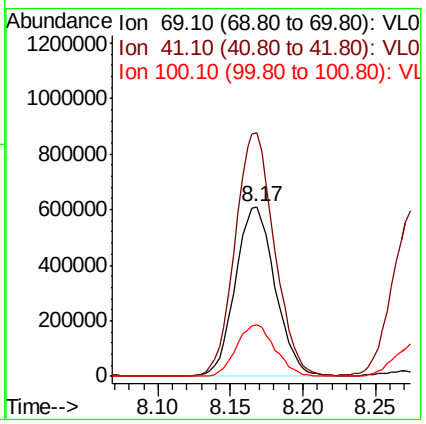




#43
Methyl Methacrylate
Concen: 11.222 ppbv
RT: 8.17 min Scan# 1627
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

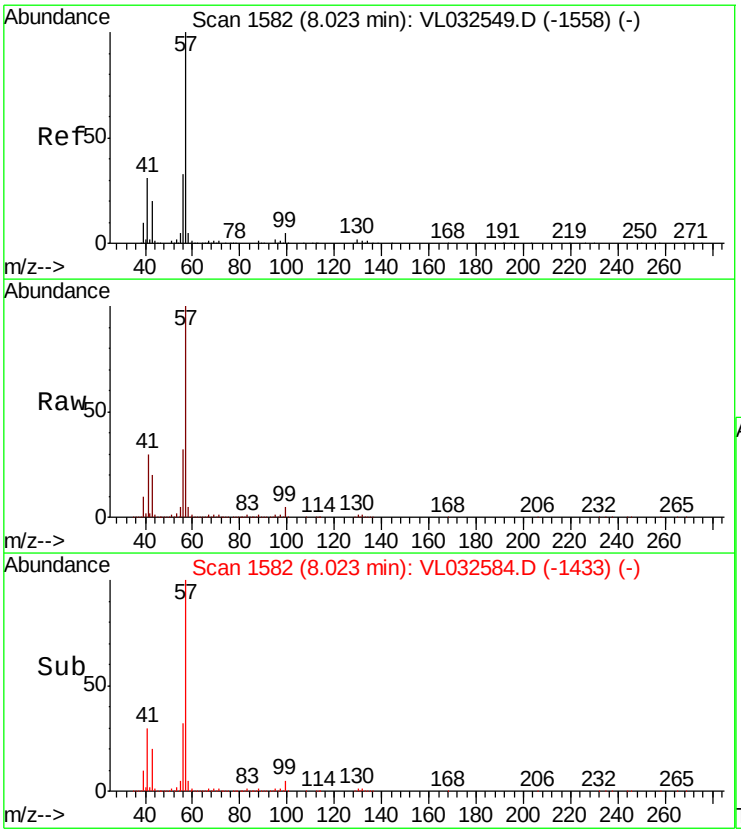
Tgt Ion: 69 Resp: 1159783

Ion	Ratio	Lower	Upper
69	100		
41	142.5	117.1	175.7
100	29.8	23.4	35.2



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

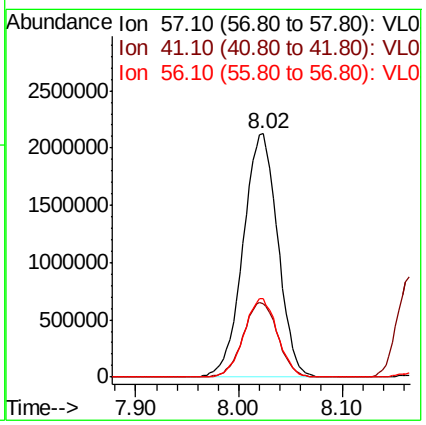
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

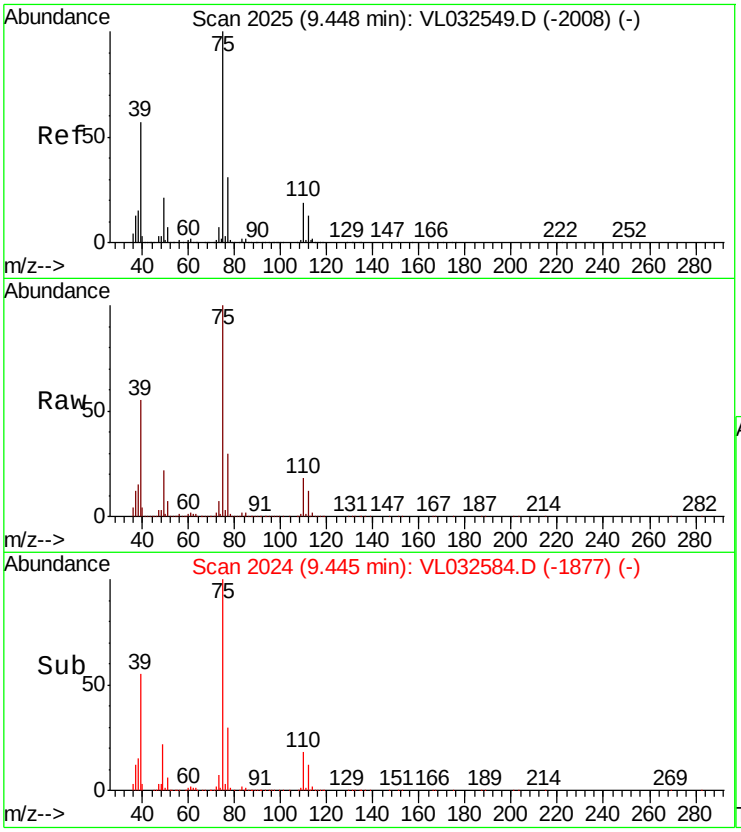


#44
2,2,4-Trimethylpentane
Concen: 10.237 ppbv
RT: 8.02 min Scan# 1582
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 57 Resp: 4949685

Ion	Ratio	Lower	Upper
57	100		
41	30.6	24.4	36.6
56	31.3	25.7	38.5

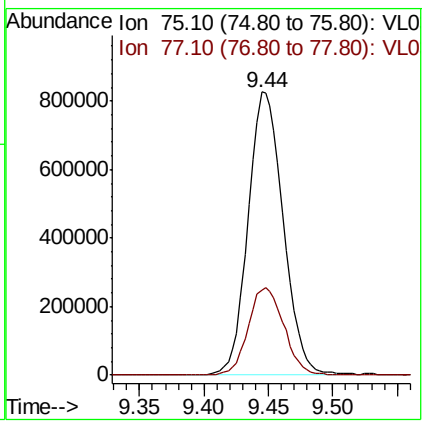




#45
t-1,3-Dichloropropene
Concen: 12.193 ppbv
RT: 9.44 min Scan# 2024
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

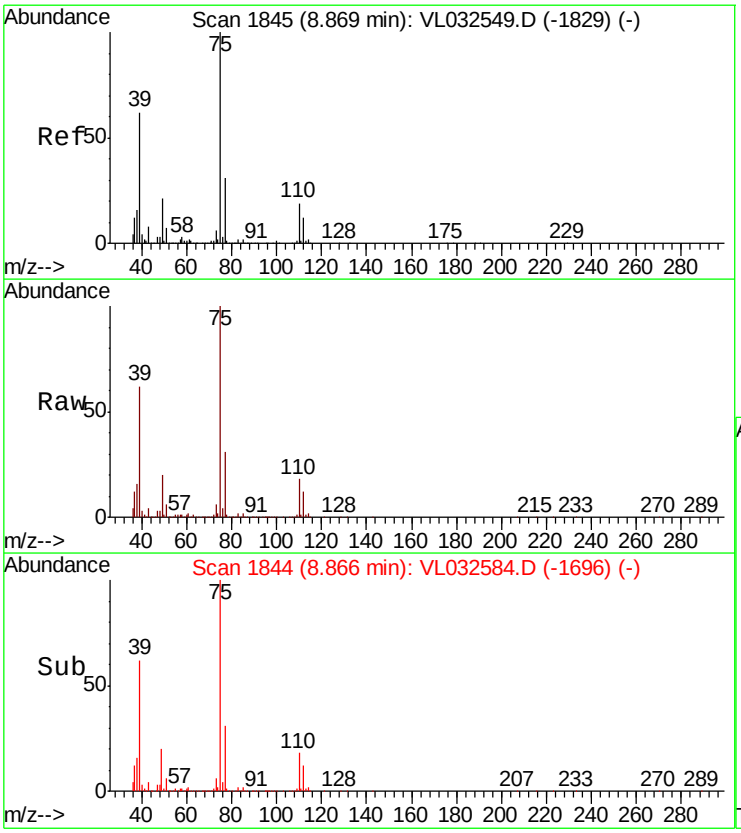
Tgt Ion: 75 Resp: 1567554

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.2	39.2



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

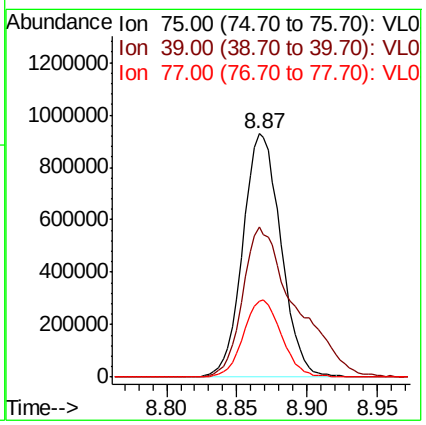
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

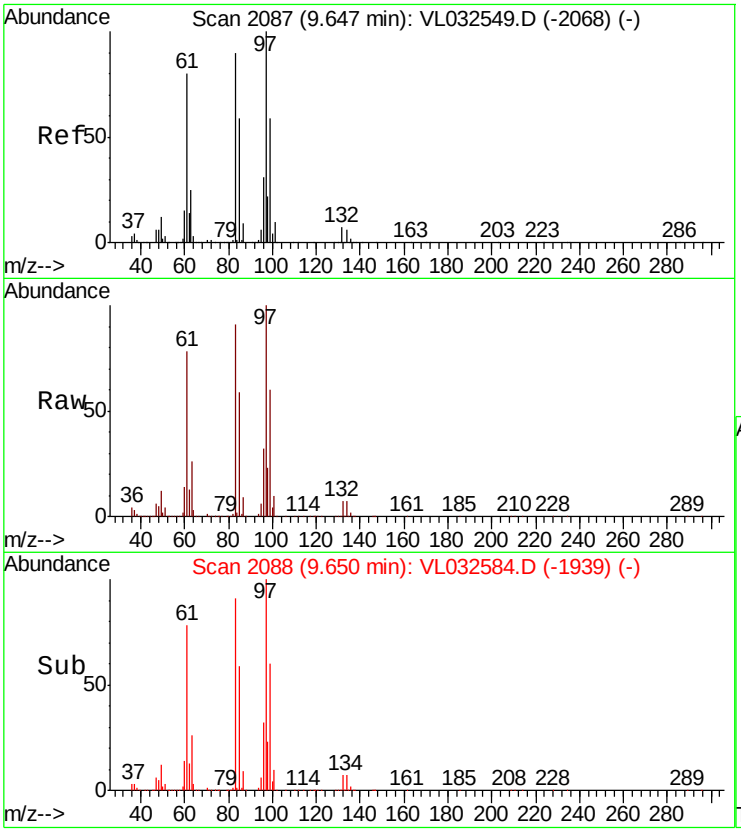


#46
cis-1,3-Dichloropropene
Concen: 11.668 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 75 Resp: 1759444

Ion	Ratio	Lower	Upper
75	100		
39	61.8	48.9	73.3
77	31.3	25.4	38.0

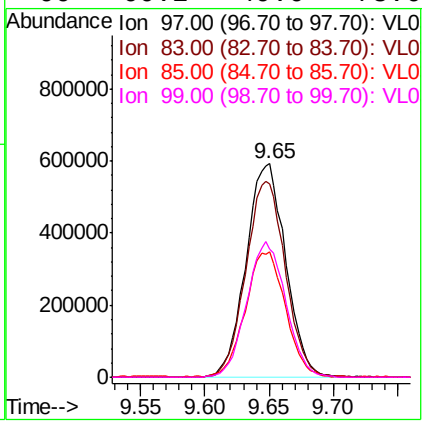




#47
1,1,2-Trichloroethane
Concen: 10.243 ppbv
RT: 9.65 min Scan# 2088
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

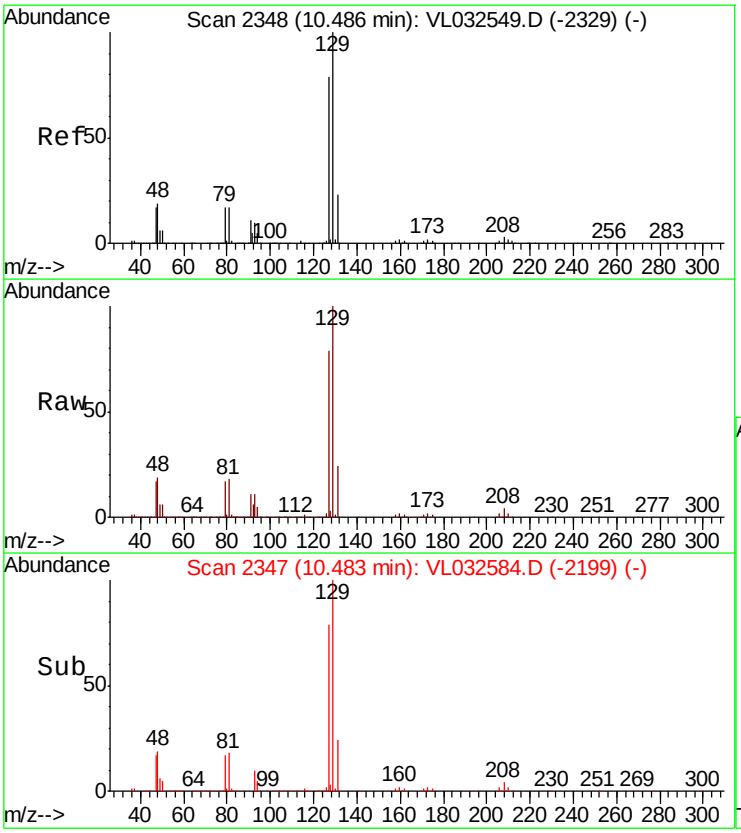
Tgt Ion: 97 Resp: 1268398

Ion	Ratio	Lower	Upper
97	100		
83	90.7	75.0	112.4
85	58.2	47.5	71.3
99	60.2	49.0	73.6



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

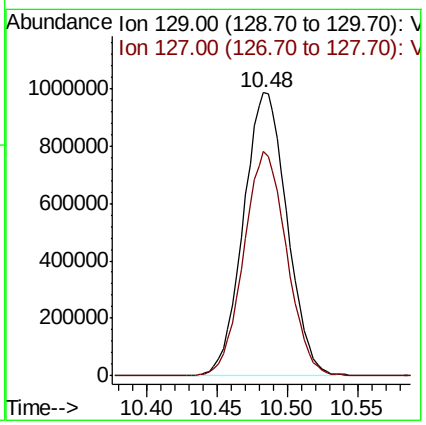
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

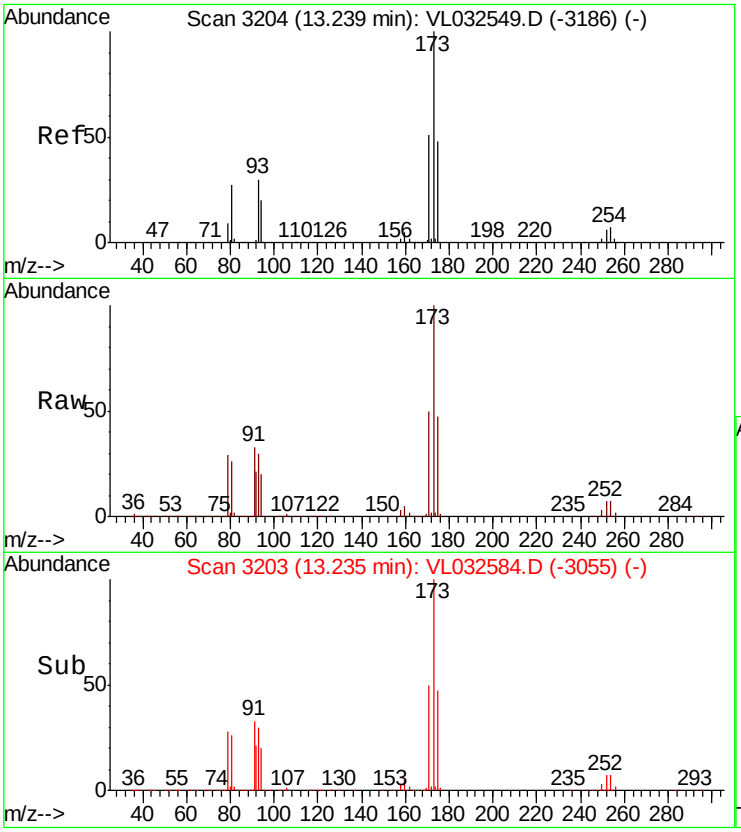


#48
Dibromochloromethane
Concen: 10.945 ppbv
RT: 10.48 min Scan# 2347
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:129 Resp: 2131054

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.5	118.3

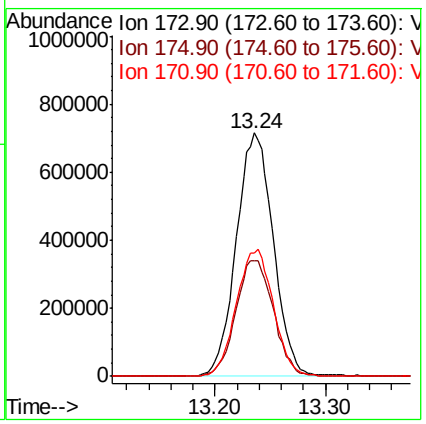




#49
Bromoform
Concen: 11.162 ppbv
RT: 13.24 min Scan# 3203
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

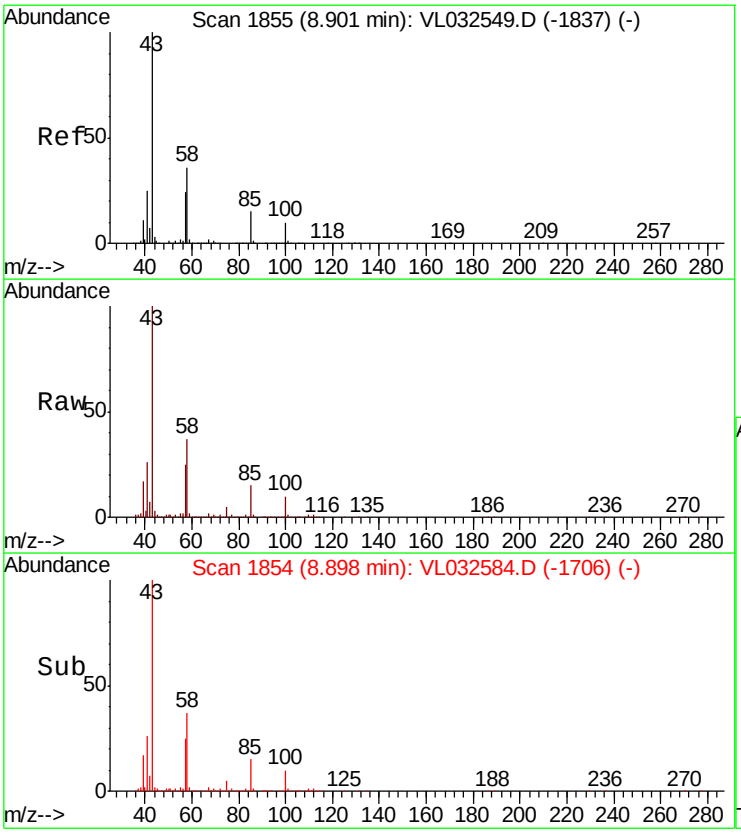
Tgt Ion:173 Resp: 1660718

Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.9	58.3
171	52.5	41.6	62.4



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

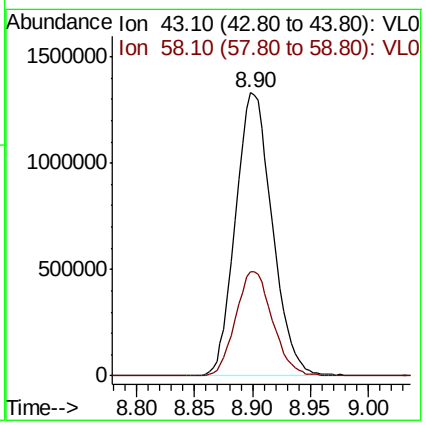
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

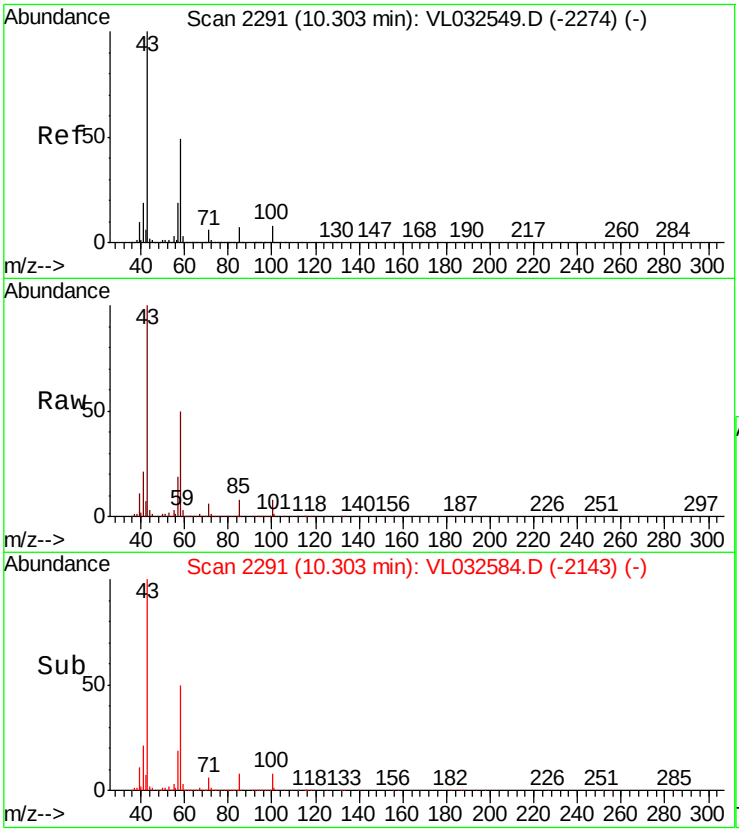


#50
4-Methyl-2-Pentanone
Concen: 10.203 ppbv
RT: 8.90 min Scan# 1854
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 43 Resp: 2923836

Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.0	43.4

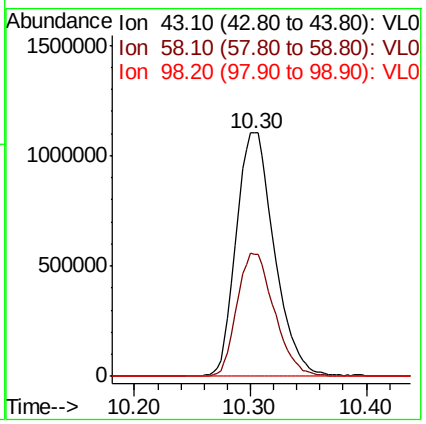




#51
2-Hexanone
Concen: 10.693 ppbv
RT: 10.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

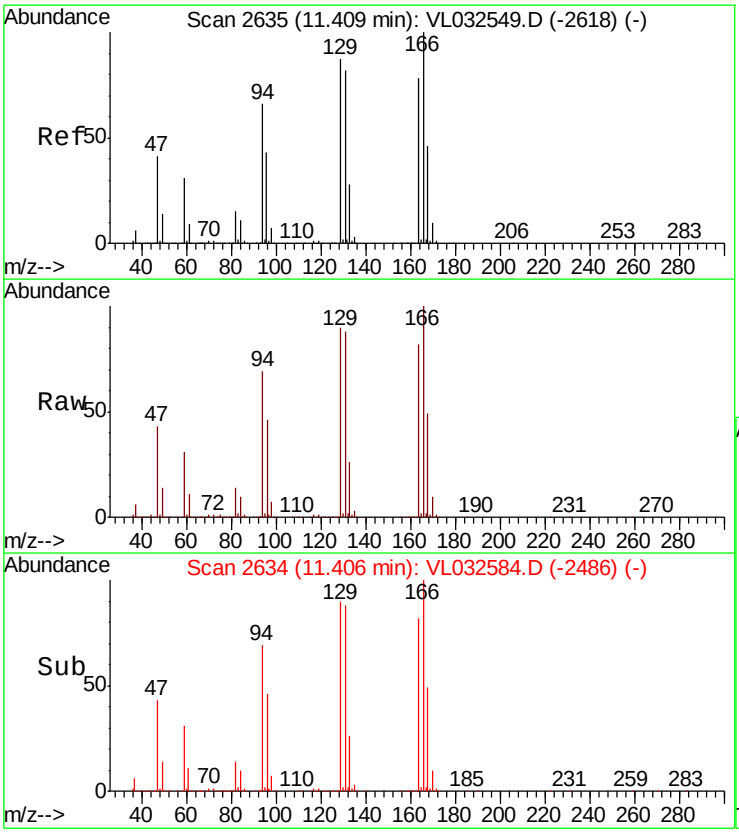
Tgt Ion: 43 Resp: 2534132

Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.2	58.8
98	0.6	0.4	0.6



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

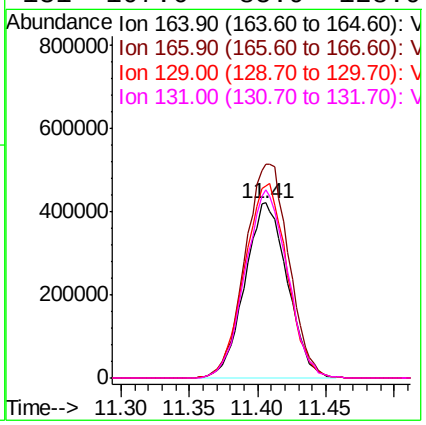
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

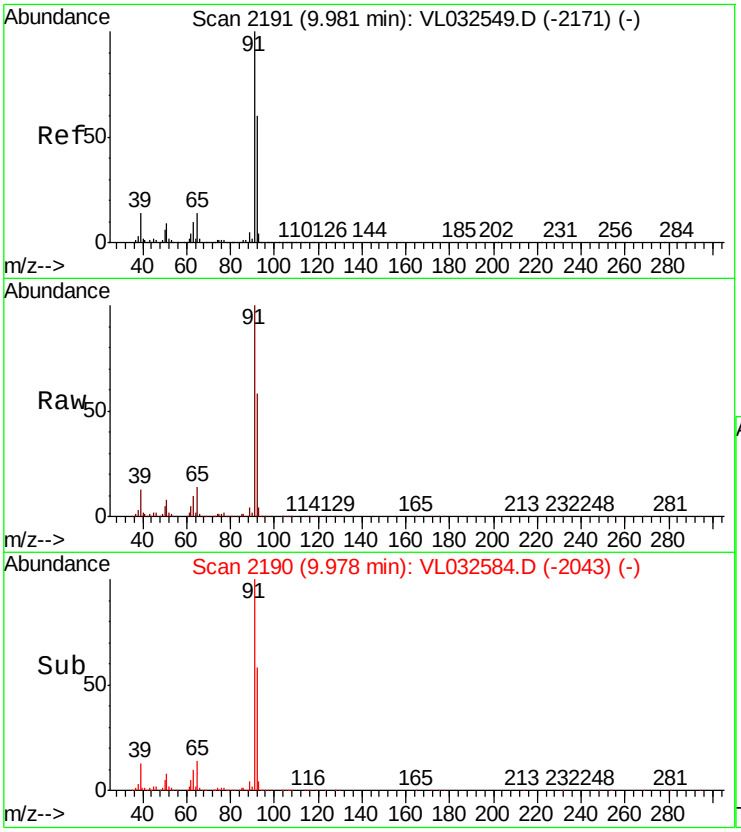


#52
Tetrachloroethene
Concen: 10.532 ppbv
RT: 11.41 min Scan# 2634
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:164 Resp: 907248

Ion	Ratio	Lower	Upper
164	100		
166	121.5	100.6	150.8
129	109.6	89.9	134.9
131	107.6	85.9	128.9

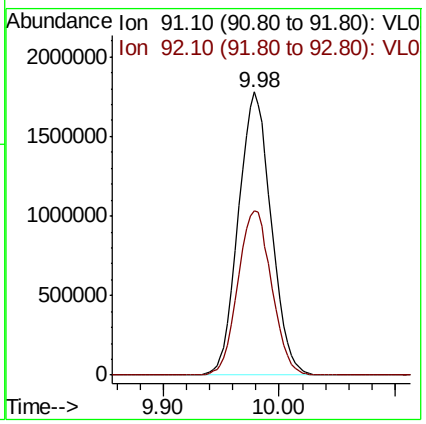




#53
Toluene
Concen: 11.599 ppbv
RT: 9.98 min Scan# 2190
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

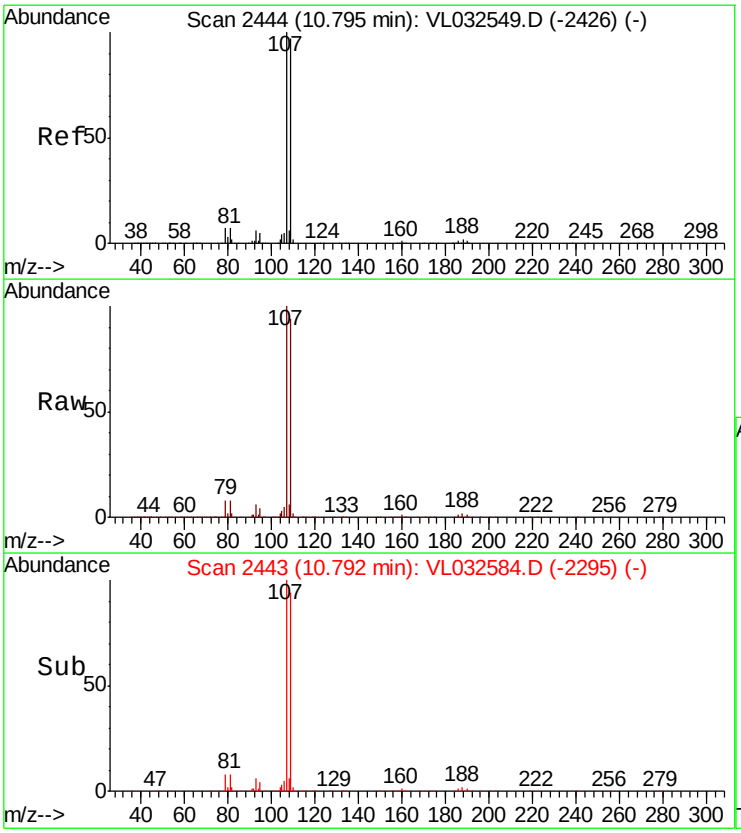
Tgt Ion: 91 Resp: 3497086

Ion	Ratio	Lower	Upper
91	100		
92	59.8	48.1	72.1



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

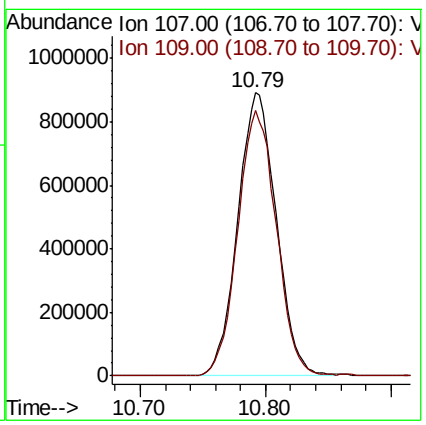
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

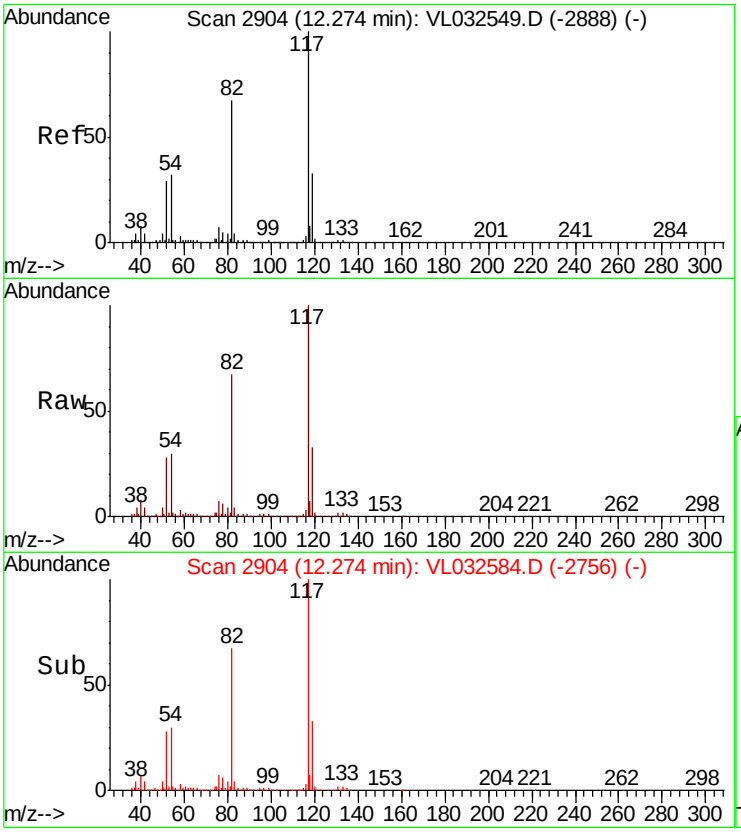


#54
1,2-Dibromoethane
Concen: 10.818 ppbv
RT: 10.79 min Scan# 2443
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:107 Resp: 1905407

Ion	Ratio	Lower	Upper
107	100		
109	93.7	73.9	110.9

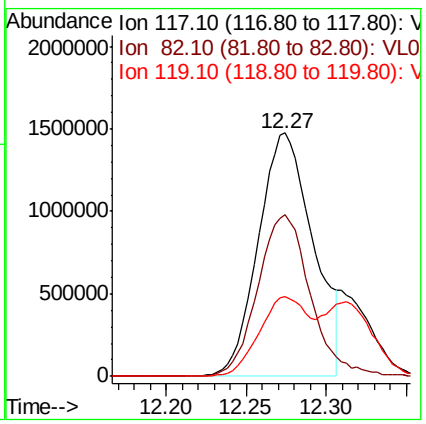




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

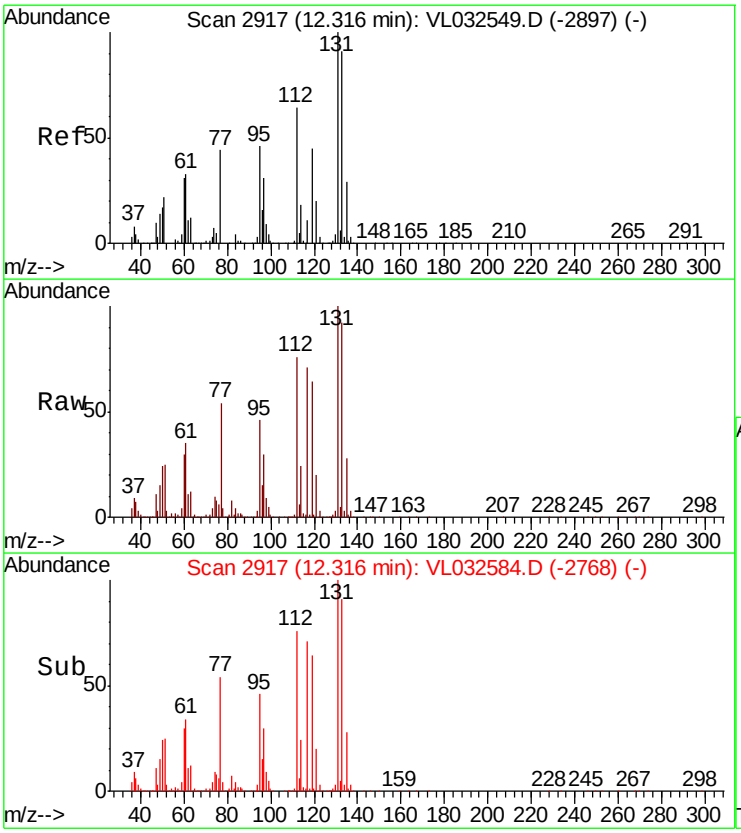
Tgt Ion:117 Resp: 3512355

Ion	Ratio	Lower	Upper
117	100		
82	64.1	53.0	79.6
119	27.8	45.9	68.9#



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

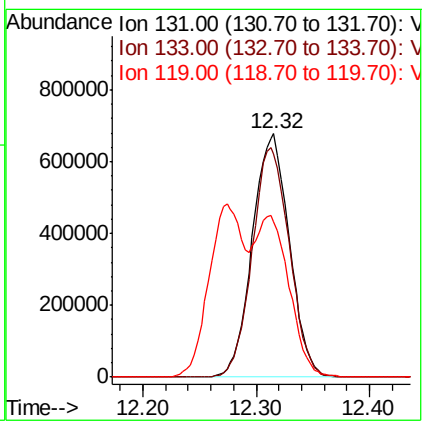
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

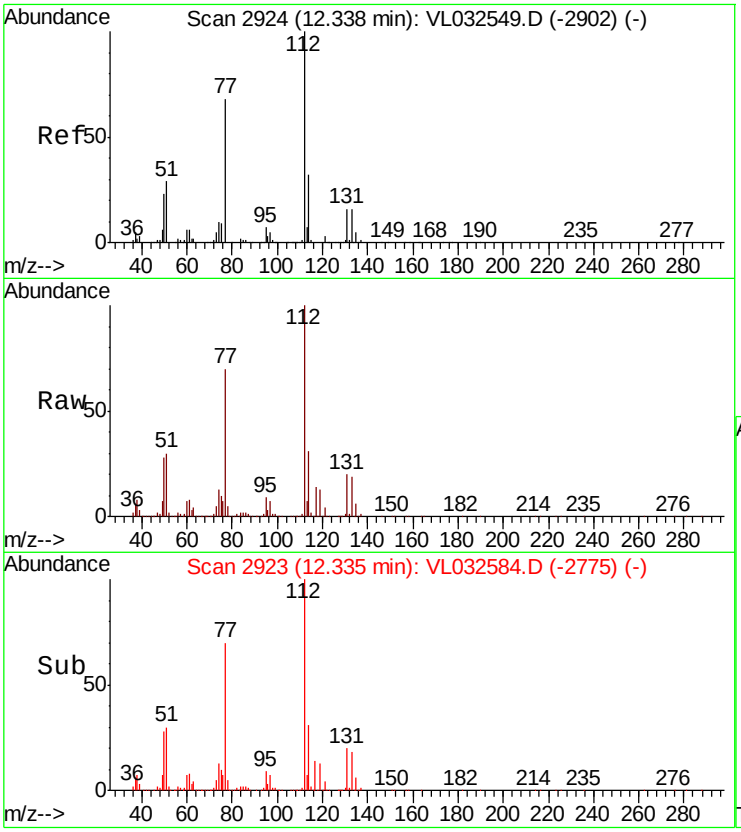


#56
1,1,1,2-Tetrachloroethane
Concen: 9.724 ppbv
RT: 12.32 min Scan# 2917
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:131 Resp: 1535185

Ion	Ratio	Lower	Upper
131	100		
133	95.3	77.0	115.4
119	58.1	114.2	171.2#

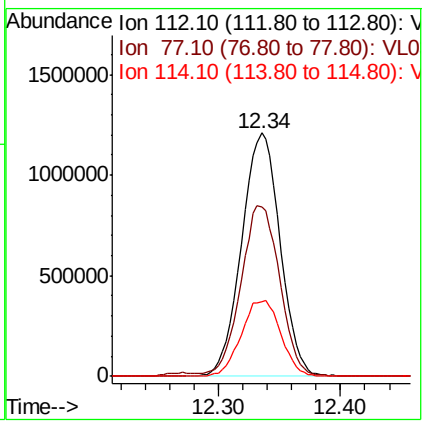




#57
Chlorobenzene
Concen: 9.291 ppbv
RT: 12.34 min Scan# 2923
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

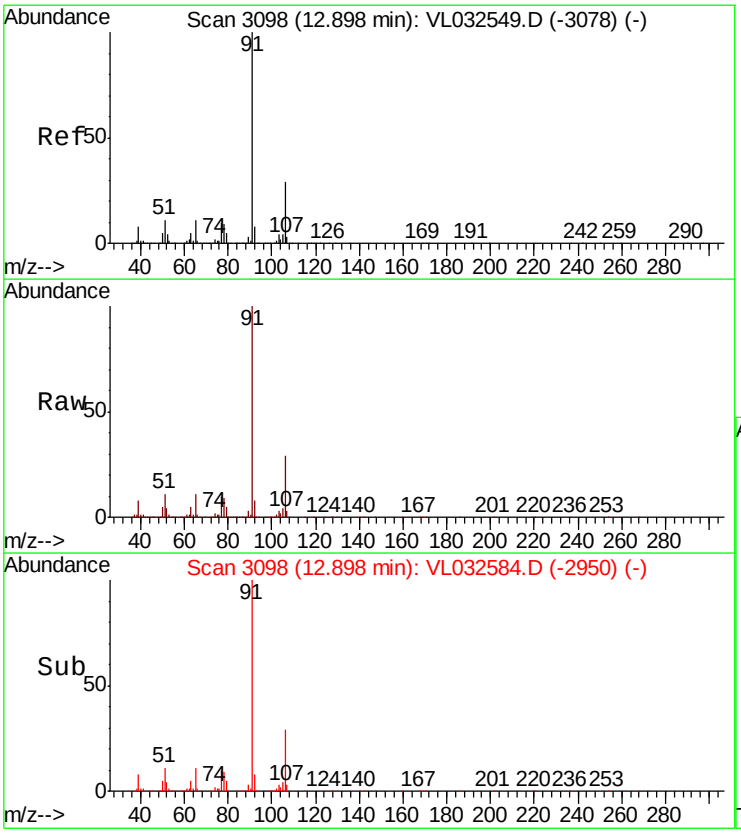
Tgt Ion:112 Resp: 2628752

Ion	Ratio	Lower	Upper
112	100		
77	69.5	56.1	84.1
114	30.5	27.8	34.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

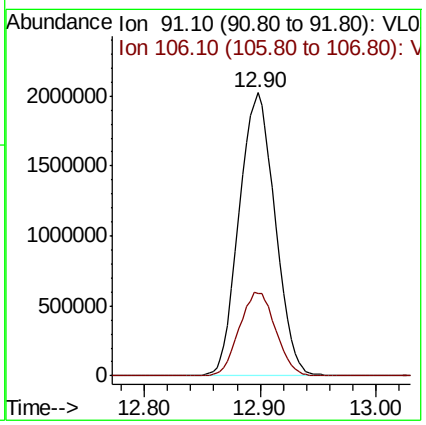
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

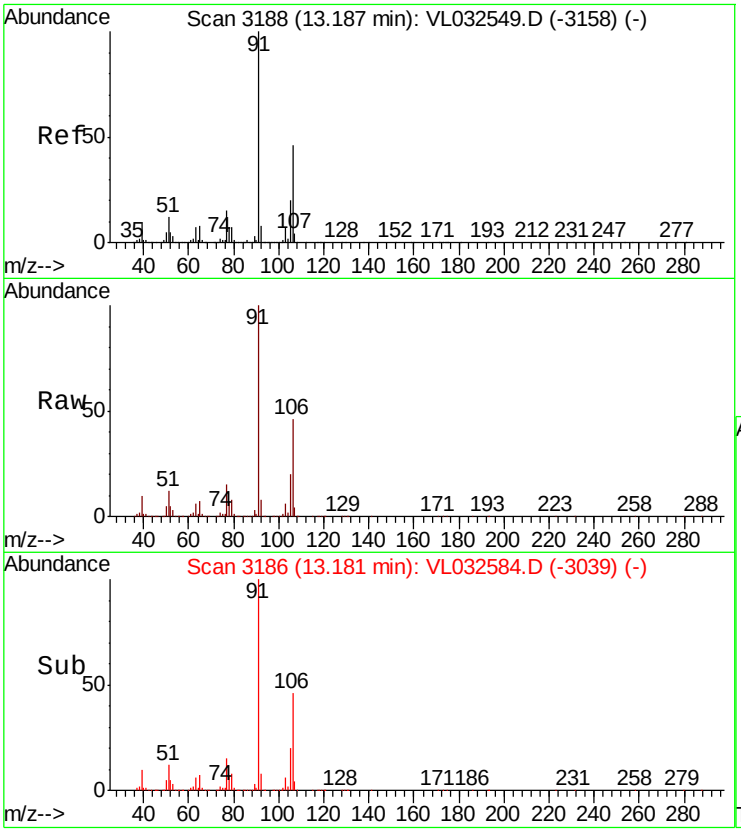


#58
Ethyl Benzene
Concen: 10.218 ppbv
RT: 12.90 min Scan# 3098
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 91 Resp: 4353227

Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.8	37.2

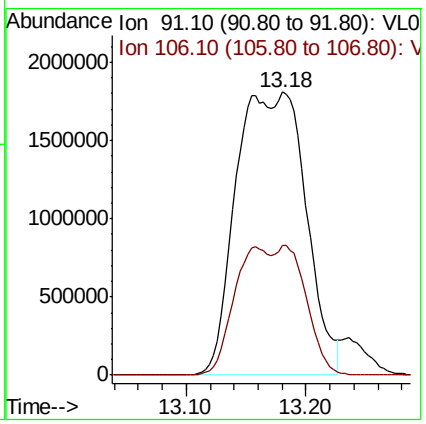




#59
m/p-Xylene
Concen: 19.186 ppbv m
RT: 13.18 min Scan# 3186
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

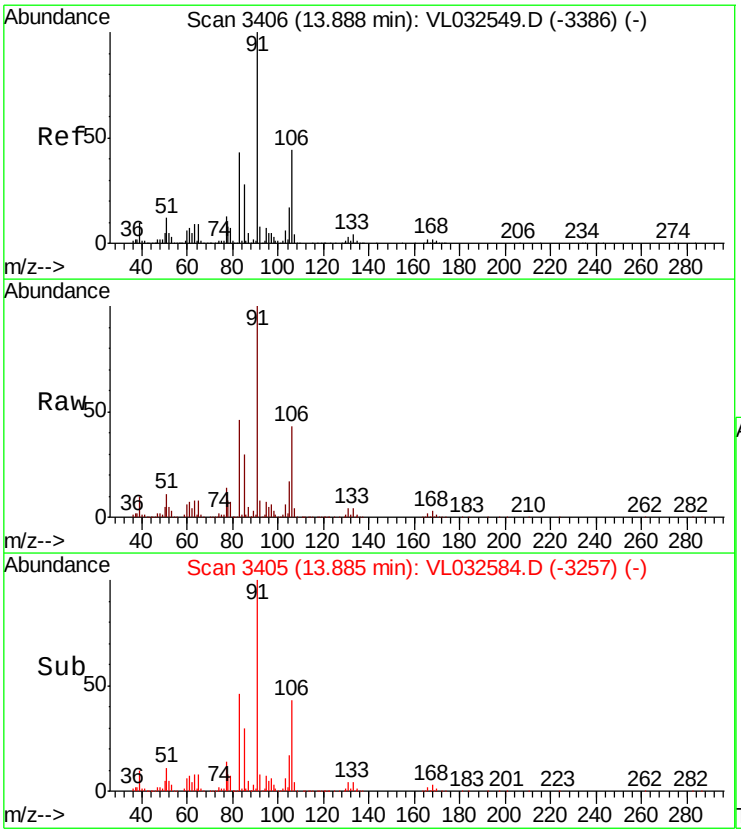
Tgt Ion: 91 Resp: 7272799

Ion	Ratio	Lower	Upper
91	100		
106	44.8	36.6	55.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

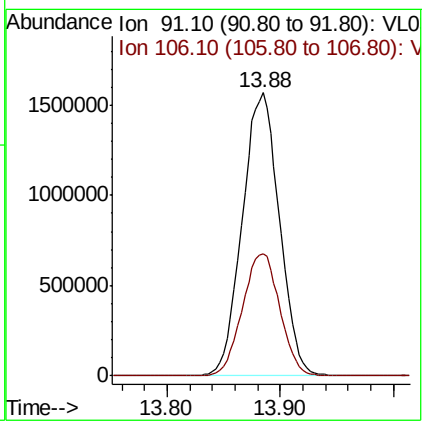
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

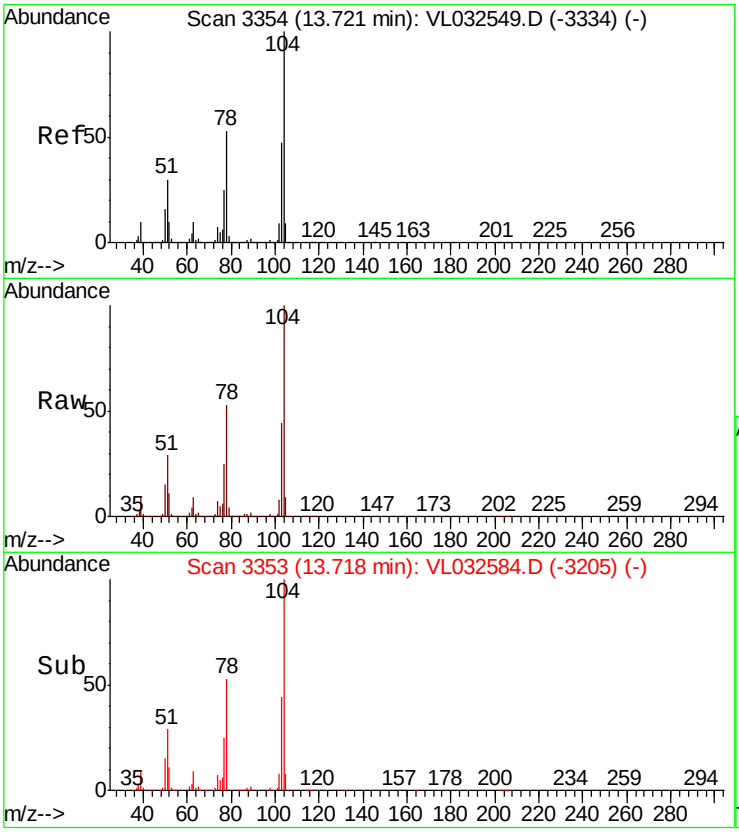


#60
o-Xylene
Concen: 9.690 ppbv
RT: 13.88 min Scan# 3405
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 91 Resp: 3576125

Ion	Ratio	Lower	Upper
91	100		
106	43.5	21.9	65.7

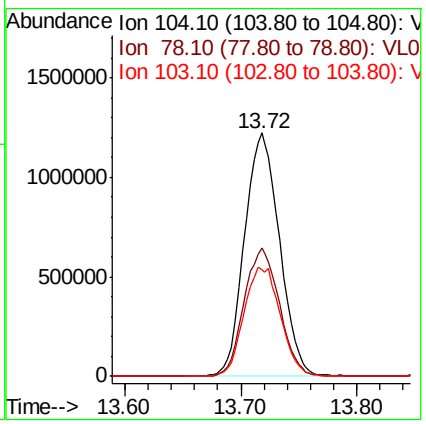




#61
Stvrene
Concen: 10.648 ppbv
RT: 13.72 min Scan# 3353
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

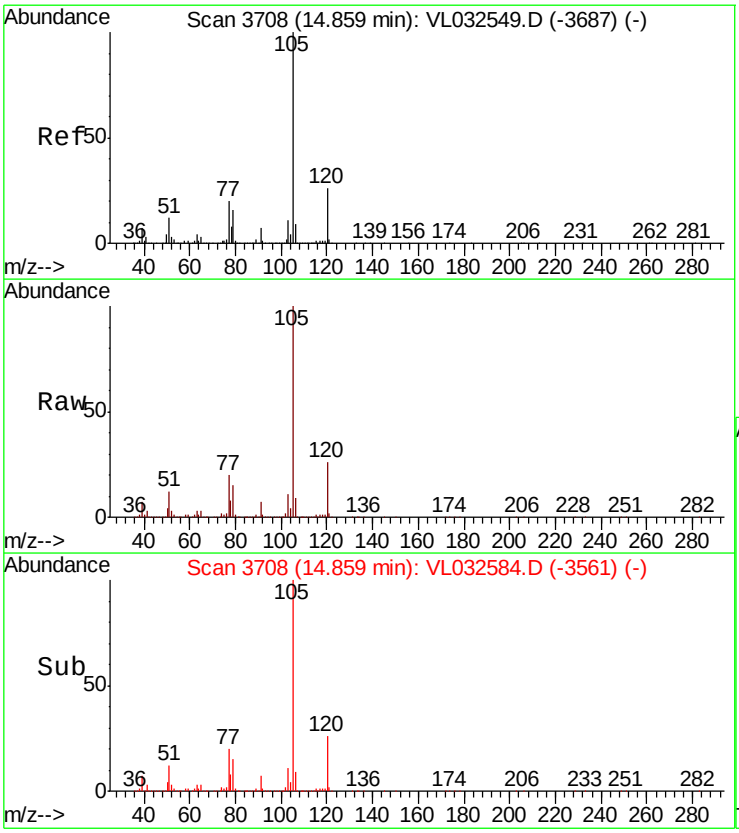
Tgt Ion:104 Resp: 2570821

Ion	Ratio	Lower	Upper
104	100		
78	53.4	41.8	62.8
103	46.7	38.0	57.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

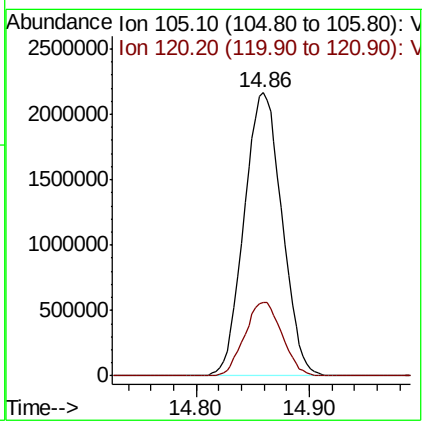
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

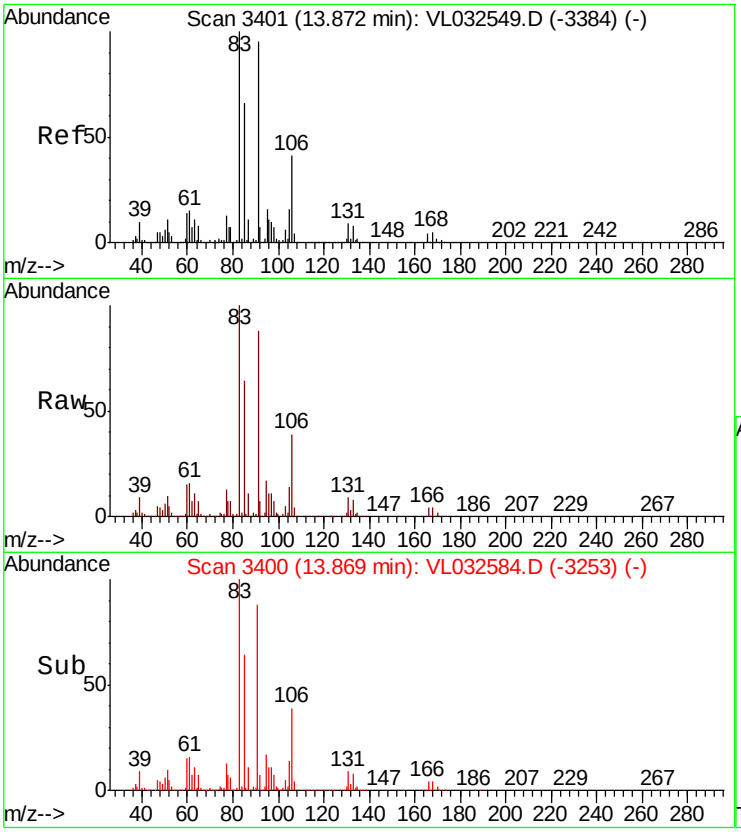


#62
Isopropylbenzene
Concen: 9.653 ppbv
RT: 14.86 min Scan# 3708
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:105 Resp: 5038260

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0

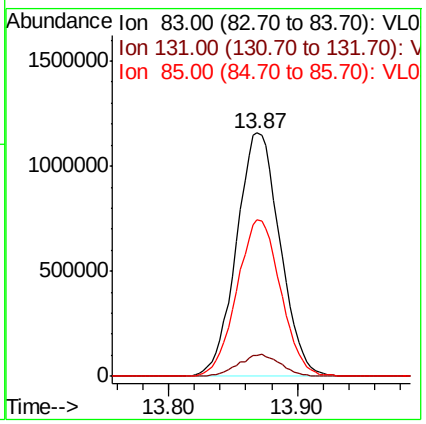




#63
1,1,2,2-Tetrachloroethane
Concen: 8.258 ppbv
RT: 13.87 min Scan# 3400
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

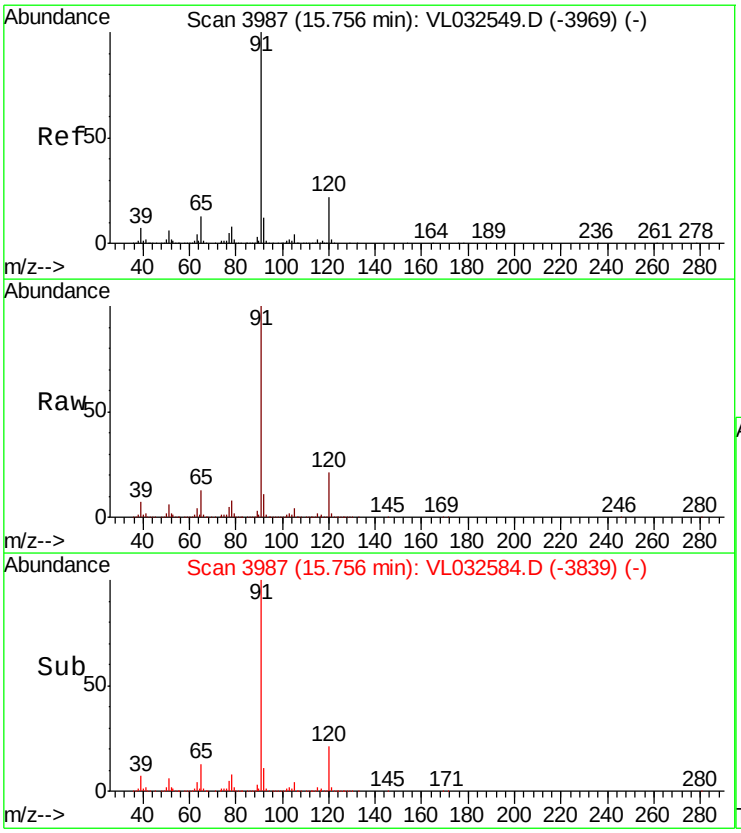
Tgt Ion: 83 Resp: 2707711

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.3	12.8
85	65.2	32.3	96.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

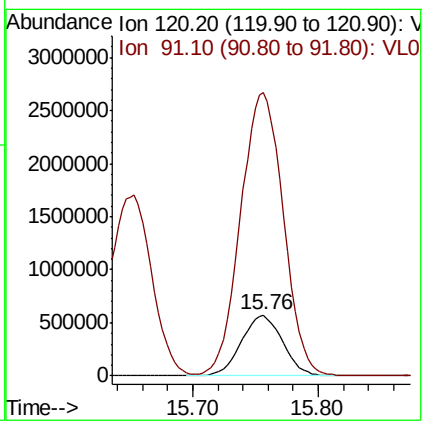
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

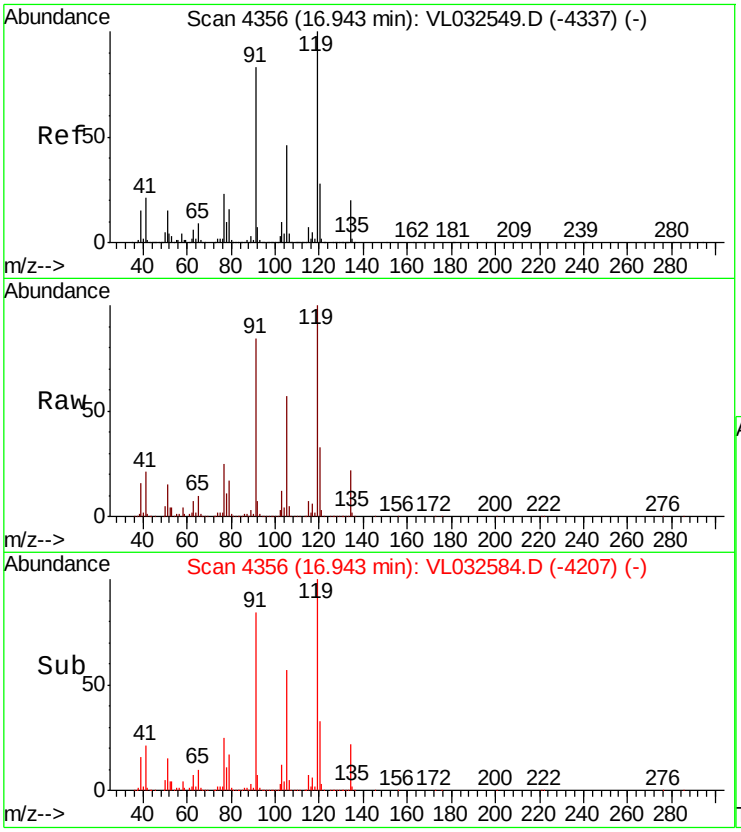


#64
n-propylbenzene
Concen: 9.685 ppbv
RT: 15.76 min Scan# 3987
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:120 Resp: 1298590

Ion	Ratio	Lower	Upper
120	100		
91	487.5	381.8	572.6

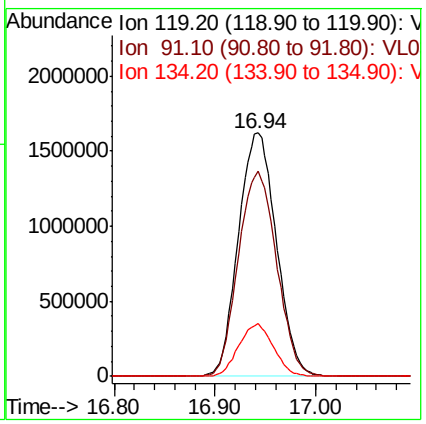




#65
tert-Butylbenzene
Concen: 9.452 ppbv
RT: 16.94 min Scan# 4356
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

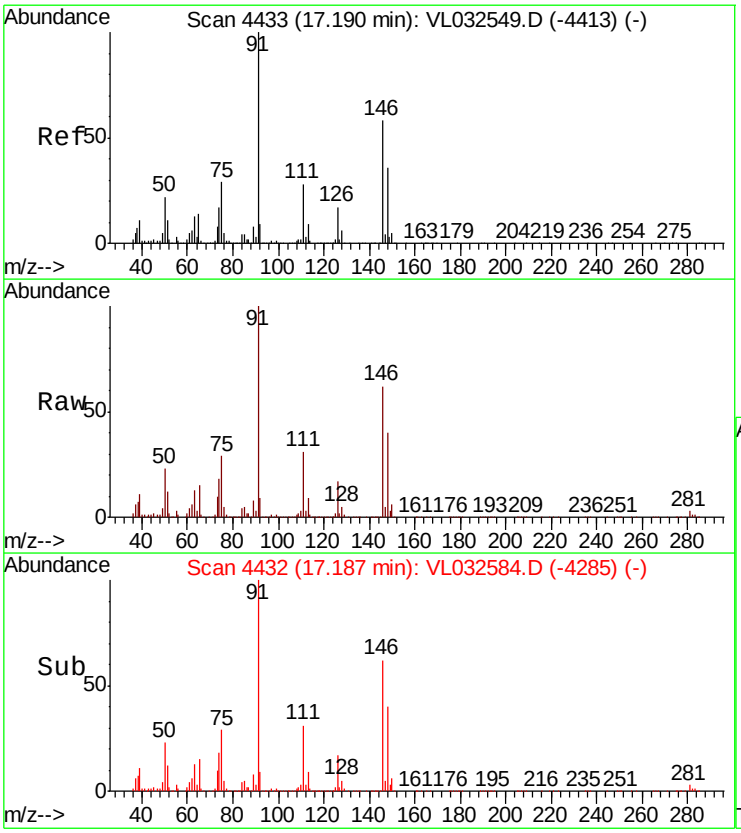
Tgt Ion:119 Resp: 4228450

Ion	Ratio	Lower	Upper
119	100		
91	85.2	66.5	99.7
134	19.8	16.0	24.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

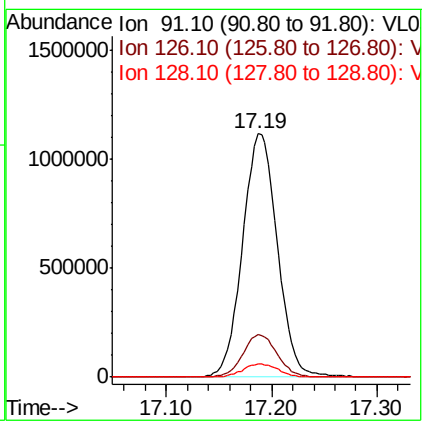
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

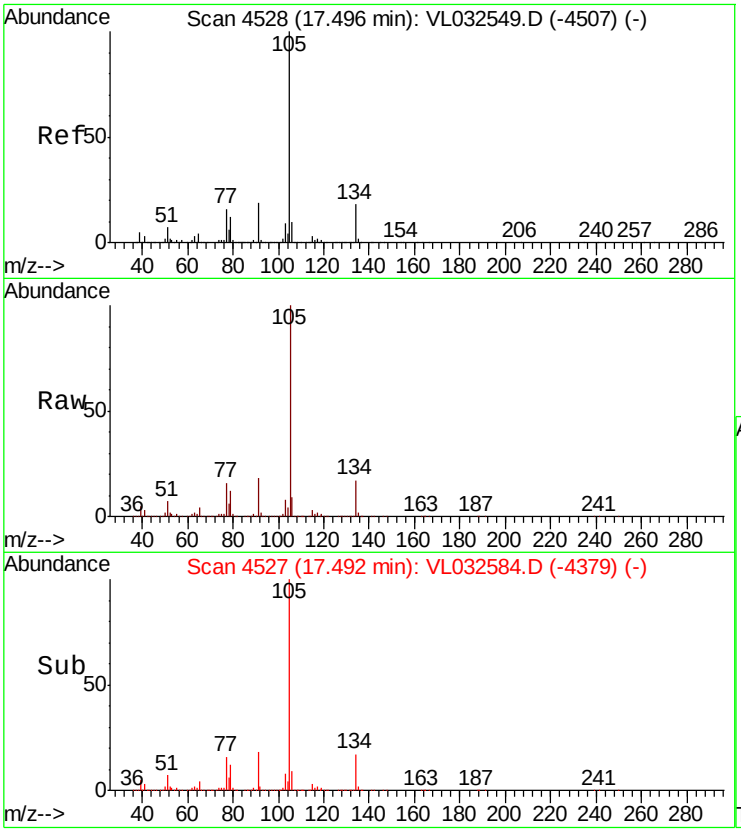


#66
Benzyl Chloride
Concen: 9.926 ppbv
RT: 17.19 min Scan# 4432
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 91 Resp: 2559180

Ion	Ratio	Lower	Upper
91	100		
126	17.3	13.8	20.8
128	5.5	4.4	6.6

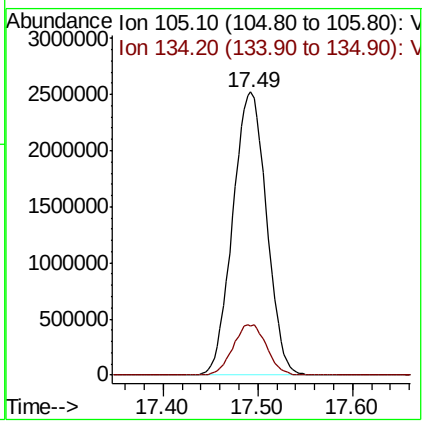




#67
sec-Butylbenzene
Concen: 9.396 ppbv
RT: 17.49 min Scan# 4527
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

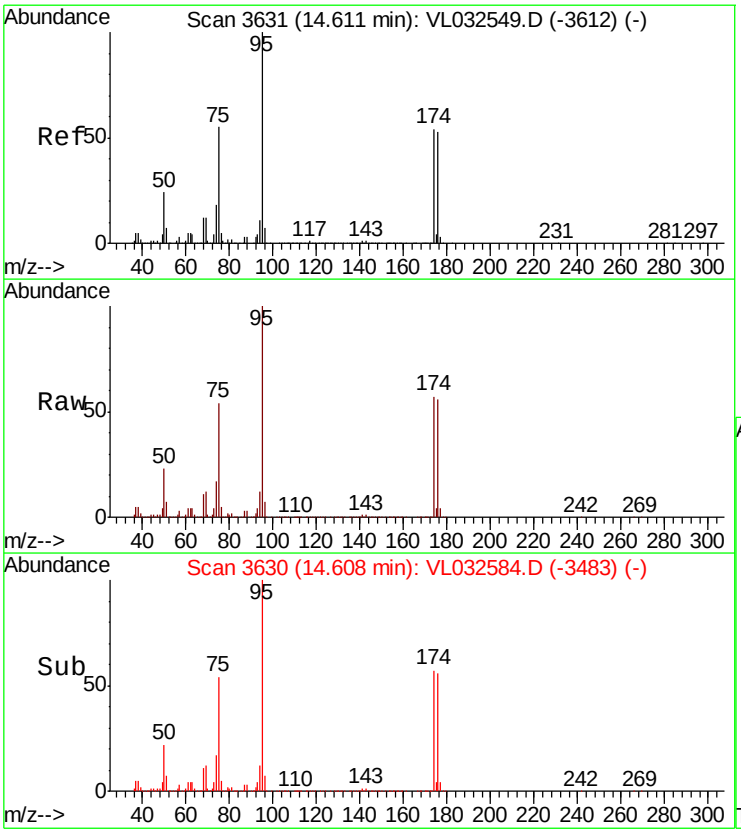
Tgt Ion:105 Resp: 6249775

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.4	21.6



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

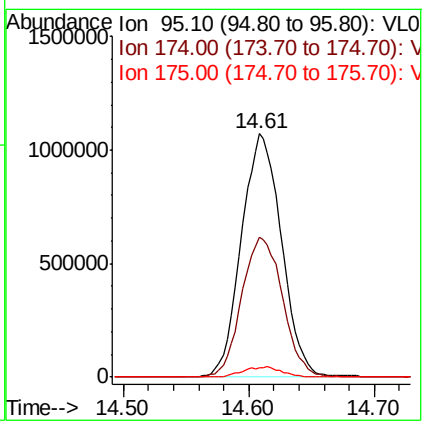
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

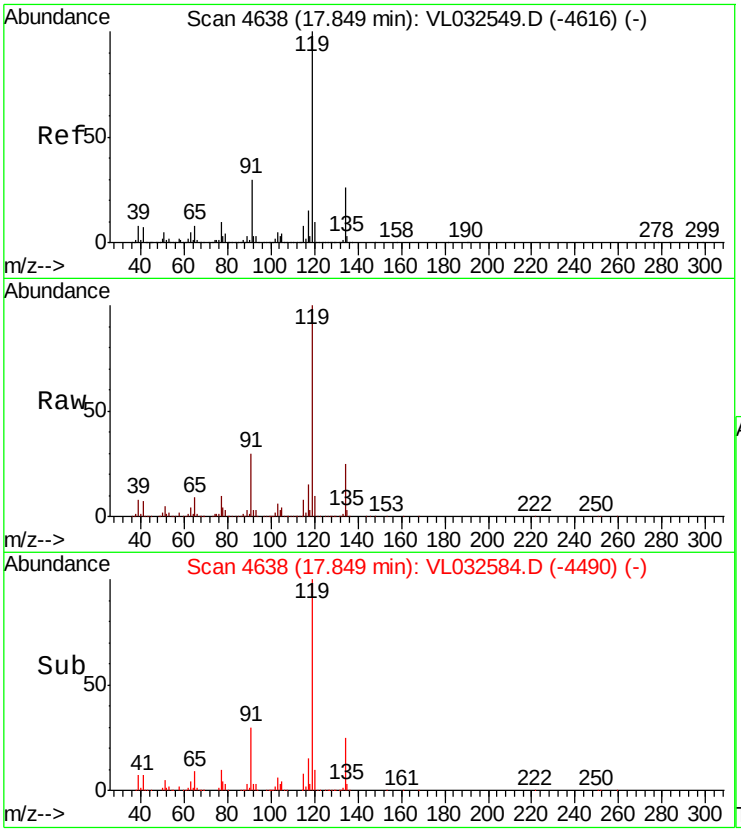


#68
1-Bromo-4-Fluorobenzene
Concen: 8.964 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 95 Resp: 2374297

Ion	Ratio	Lower	Upper
95	100		
174	58.7	46.3	69.5
175	4.2	3.4	5.0

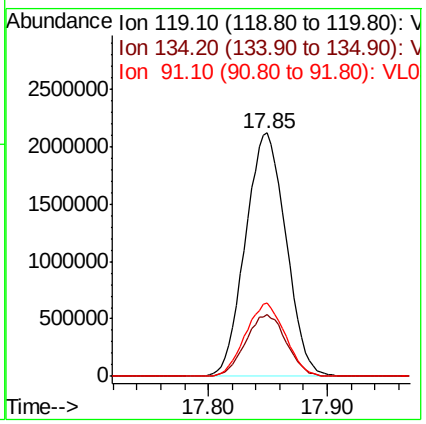




#69
p-Isopropyltoluene
Concen: 9.718 ppbv
RT: 17.85 min Scan# 4638
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

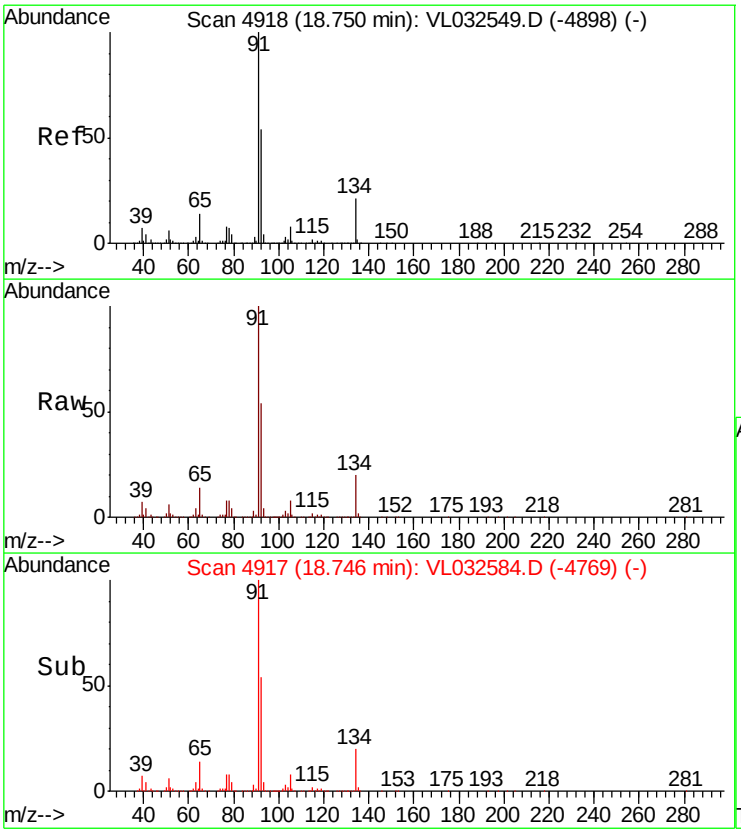
Tgt Ion:119 Resp: 4992549

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.4	30.6
91	29.8	23.4	35.2



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

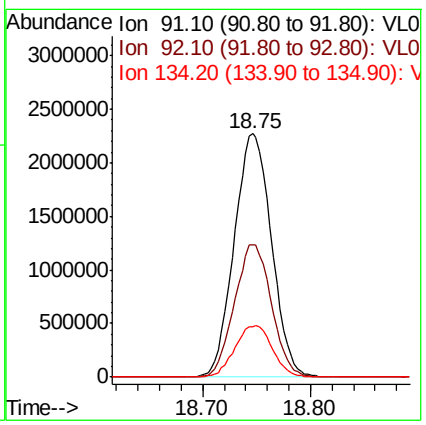
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

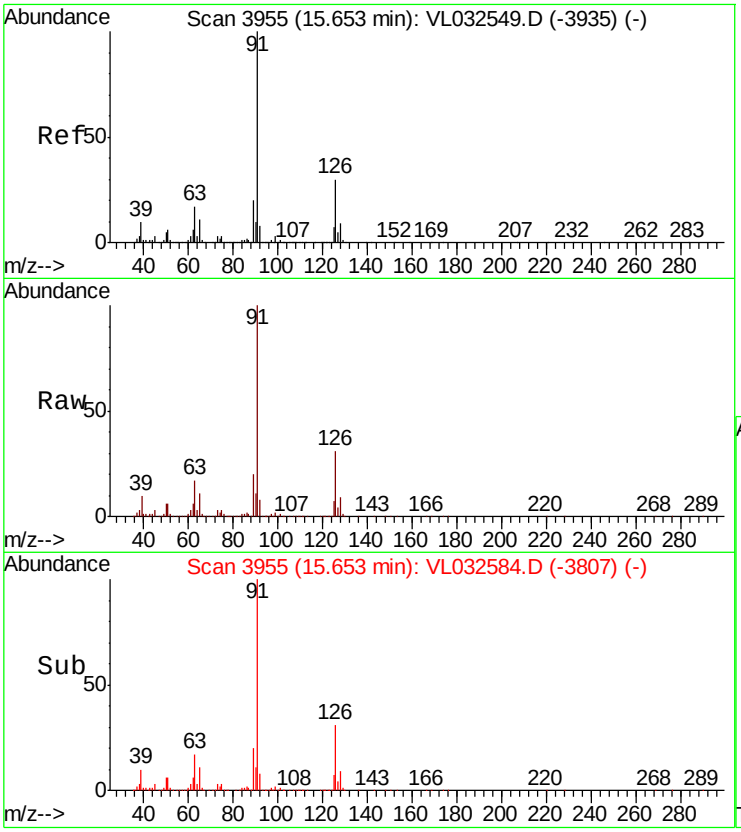


#70
n-Butylbenzene
Concen: 9.714 ppbv
RT: 18.75 min Scan# 4917
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion: 91 Resp: 5450933

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.8	65.8
134	21.4	17.4	26.0

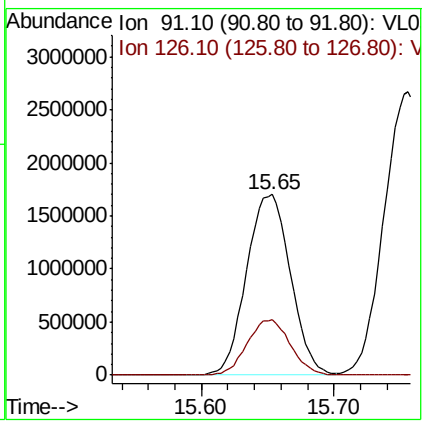




#71
2-Chlorotoluene
Concen: 9.883 ppbv
RT: 15.65 min Scan# 3955
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

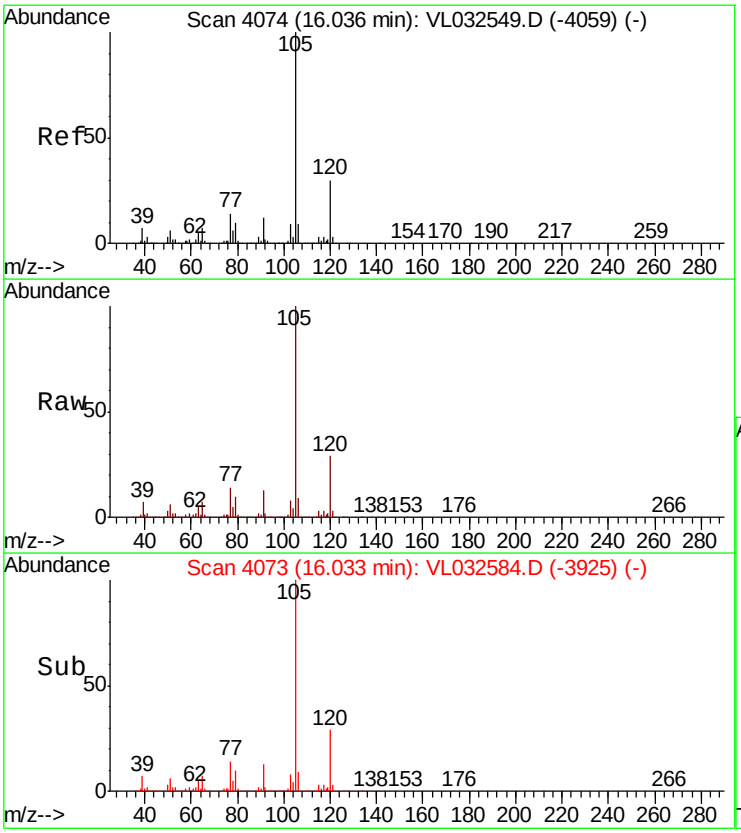
Tgt Ion: 91 Resp: 3928628

Ion	Ratio	Lower	Upper
91	100		
126	30.0	11.9	47.7



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

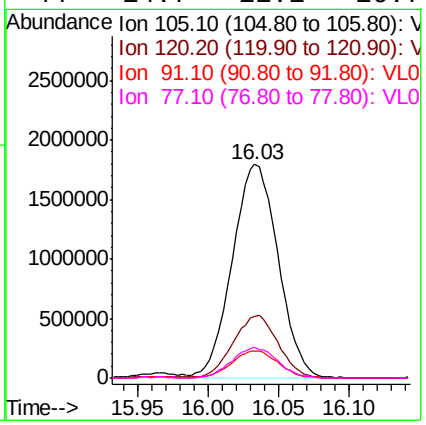
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

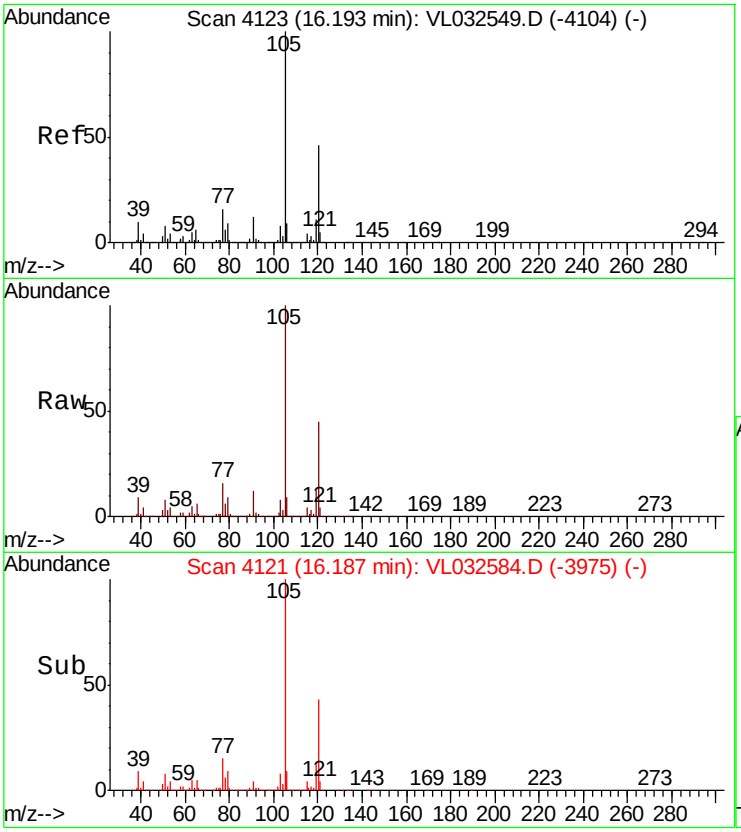


#72
4-Ethyltoluene
Concen: 10.157 ppbv
RT: 16.03 min Scan# 4073
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:105 Resp: 4068780

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.5	35.3
91	13.5	10.2	15.2
77	14.7	11.1	16.7

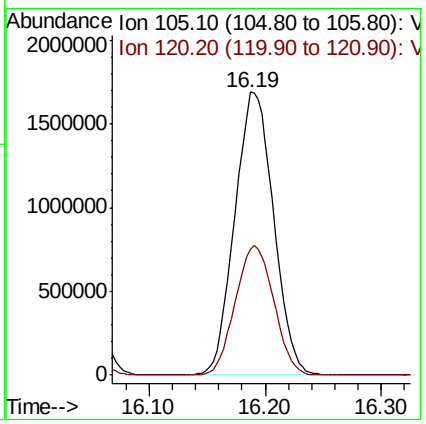




#73
1,3,5-Trimethylbenzene
Concen: 10.045 ppbv
RT: 16.19 min Scan# 4121
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

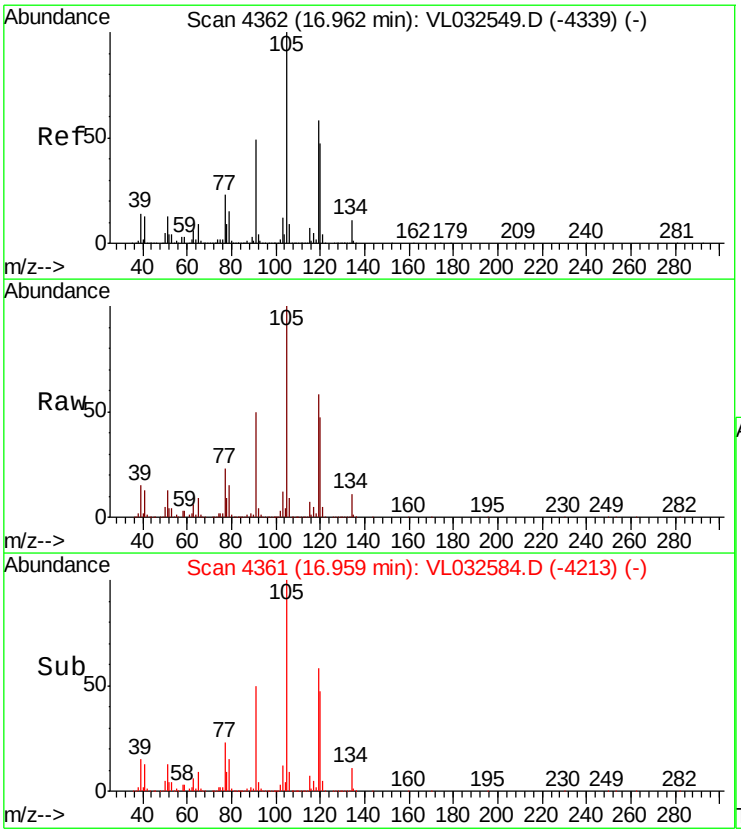
Tgt Ion:105 Resp: 3910565

Ion	Ratio	Lower	Upper
105	100		
120	44.7	37.9	56.9



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

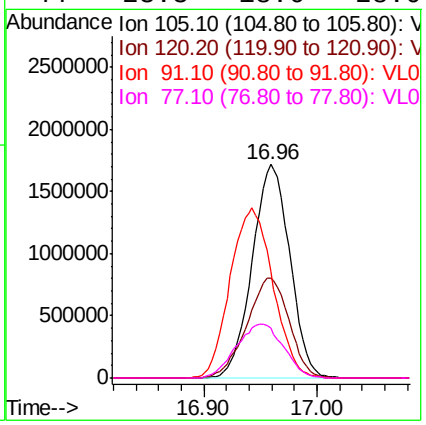
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

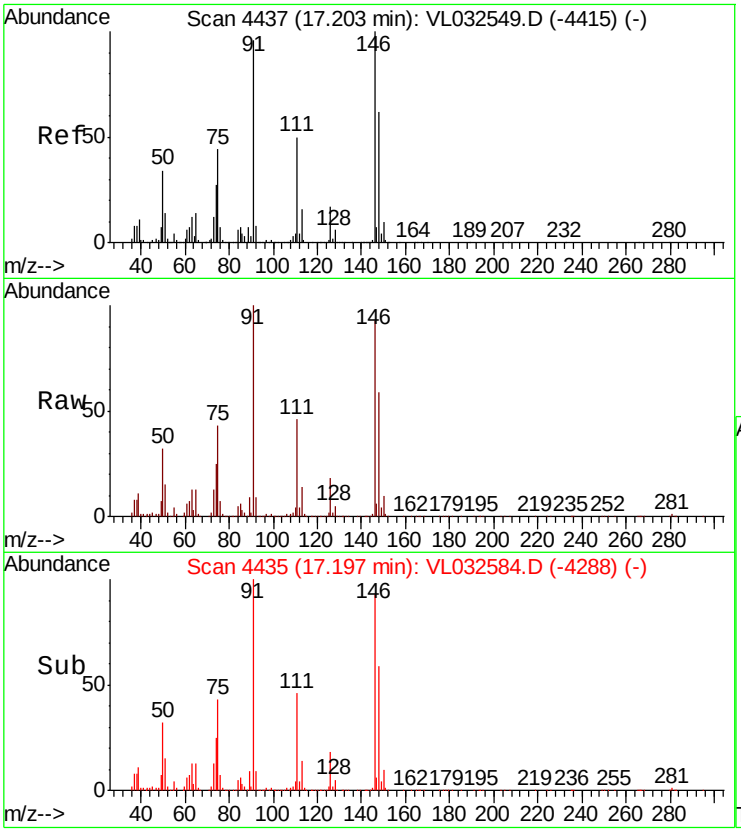


#74
1,2,4-Trimethylbenzene
Concen: 9.461 ppbv
RT: 16.96 min Scan# 4361
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:105 Resp: 3965657

Ion	Ratio	Lower	Upper
105	100		
120	46.5	37.8	56.8
91	49.9	41.4	62.0
77	23.3	18.6	28.0

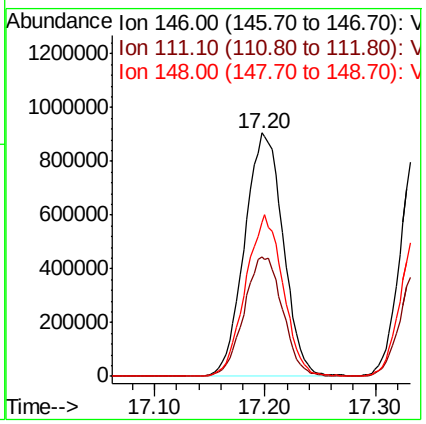




#75
1,3-Dichlorobenzene
Concen: 8.516 ppbv
RT: 17.20 min Scan# 4435
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

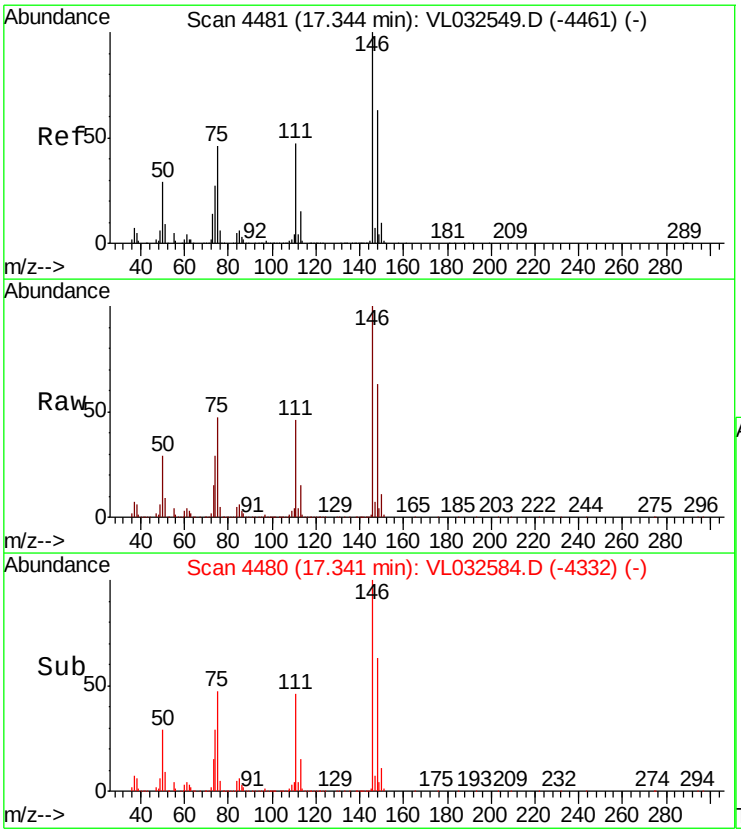
Tgt Ion:146 Resp: 2202733

Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.5	73.5
148	64.7	32.0	96.2



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

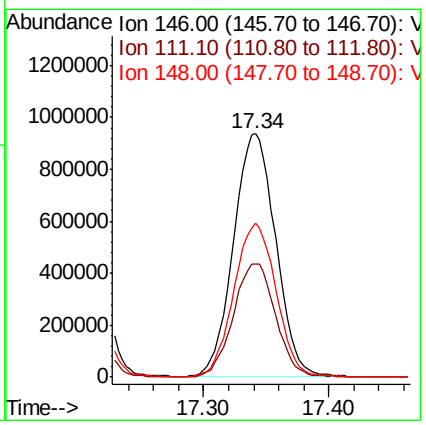
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

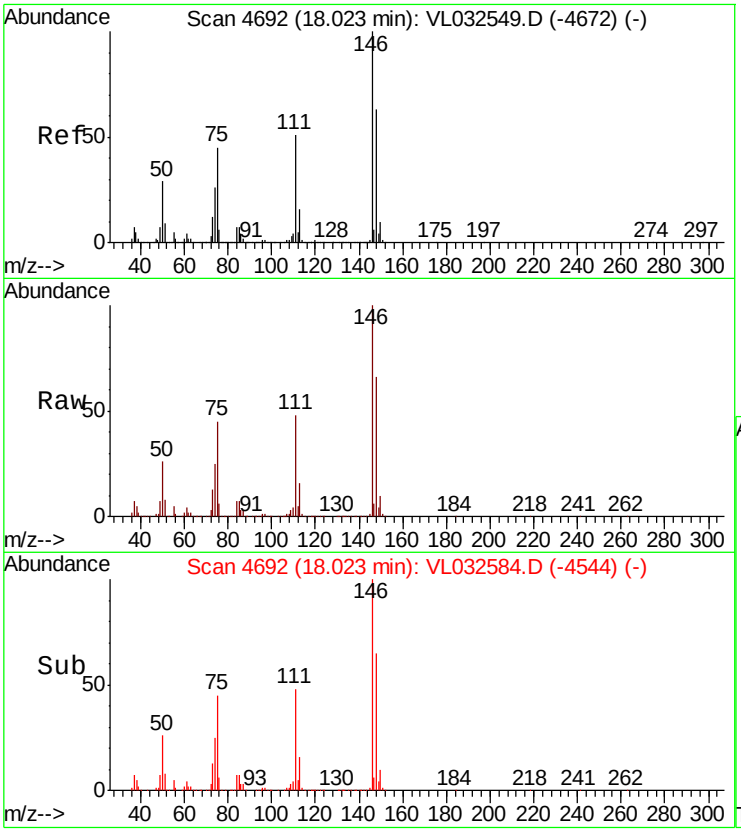


#76
1,4-Dichlorobenzene
Concen: 9.228 ppbv
RT: 17.34 min Scan# 4480
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:146 Resp: 2185410

Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.4	70.2
148	63.7	32.0	96.2

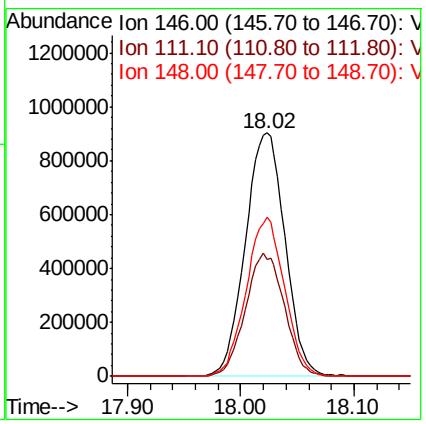




#77
1,2-Dichlorobenzene
Concen: 9.022 ppbv
RT: 18.02 min Scan# 4692
Delta R.T. -0.02 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

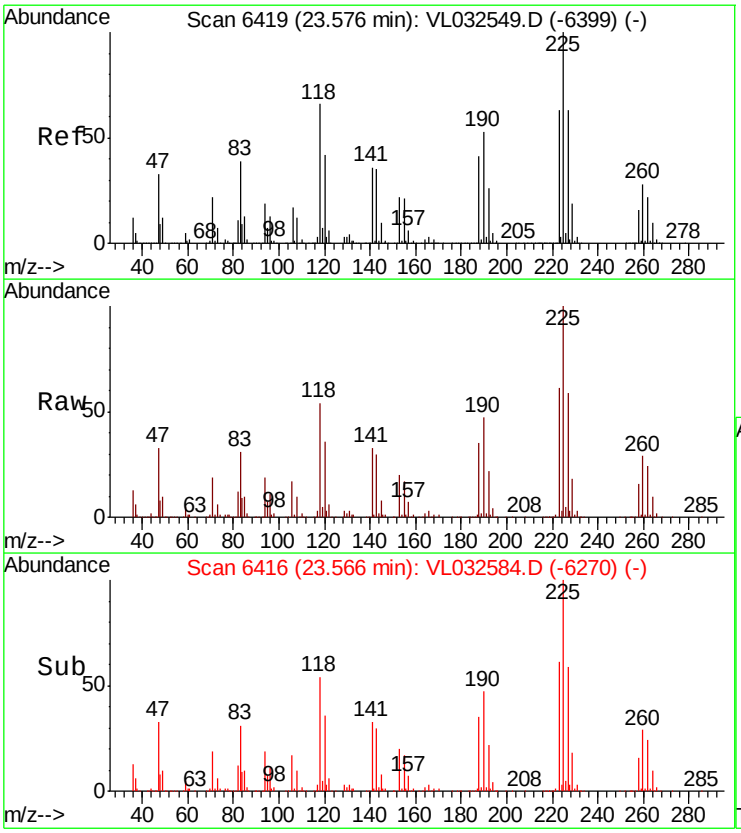
Tgt Ion:146 Resp: 2194631

Ion	Ratio	Lower	Upper
146	100		
111	49.8	24.9	74.8
148	63.4	32.0	96.0



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

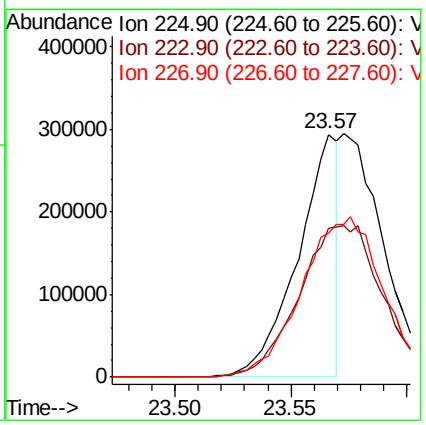
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

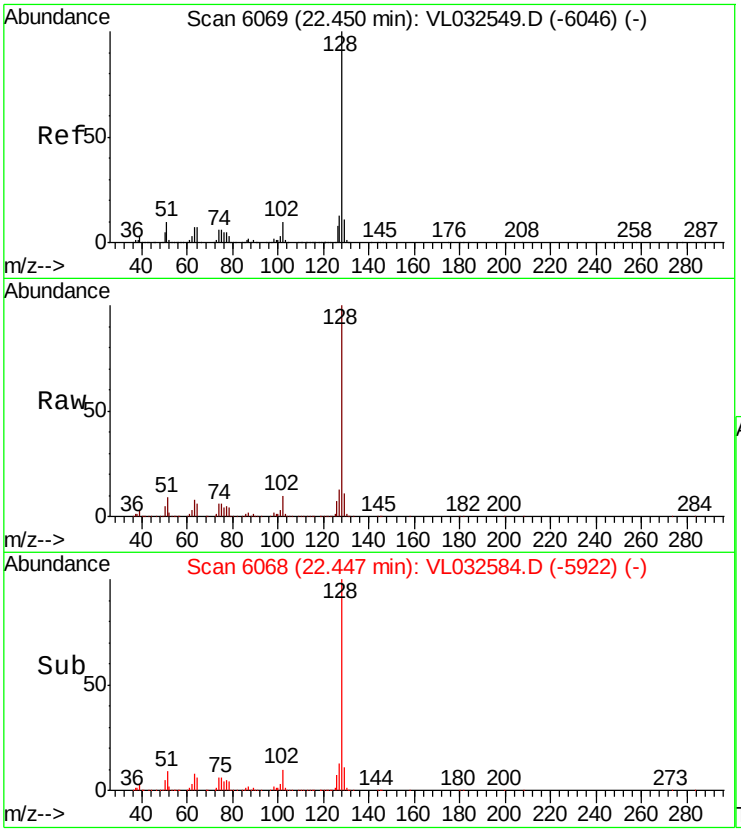


#78
Hexachloro-1,3-Butadiene
Concen: 3.846 ppbv
RT: 23.57 min Scan# 6416
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:225 Resp: 351096

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	51.2	76.8#

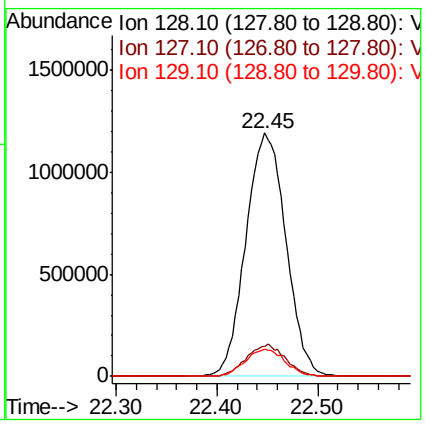




#79
Naphthalene
Concen: 10.886 ppbv
RT: 22.45 min Scan# 6068
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

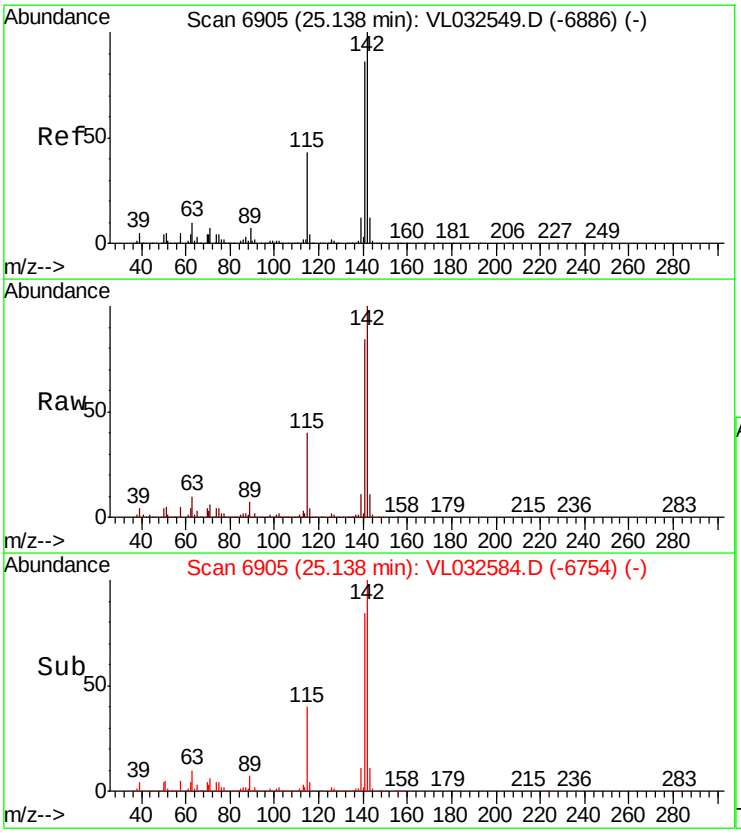
Tgt Ion:128 Resp: 3291173

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.0	8.5	12.7



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

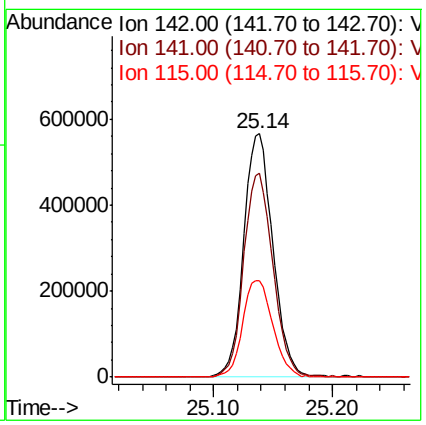
Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM

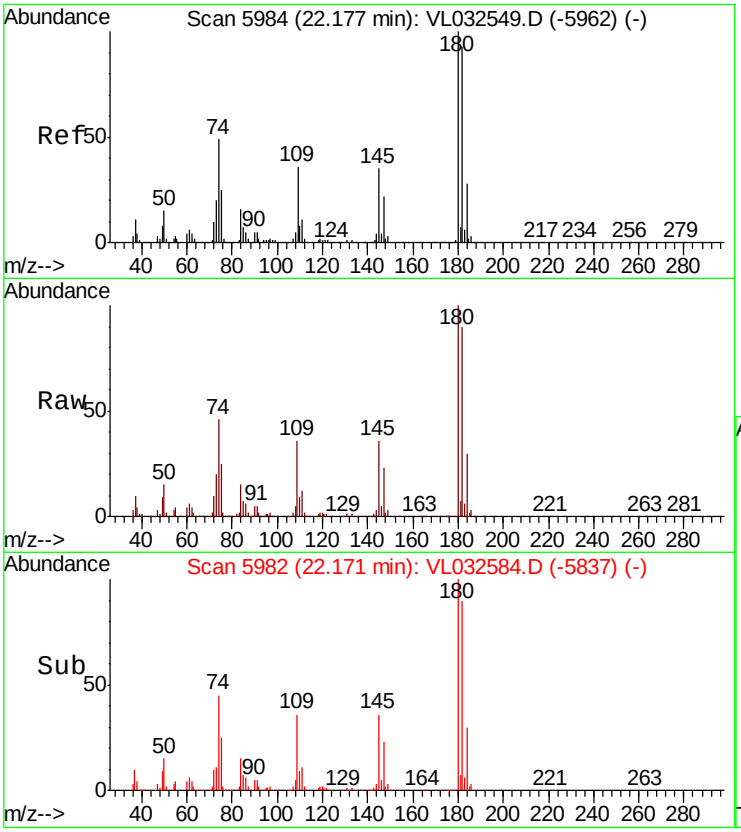


#80
Naphthalene,2-methyl-
Concen: 13.549 ppbv
RT: 25.14 min Scan# 6905
Delta R.T. -0.01 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:142 Resp: 961691

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.0	100.6
115	41.5	31.3	46.9

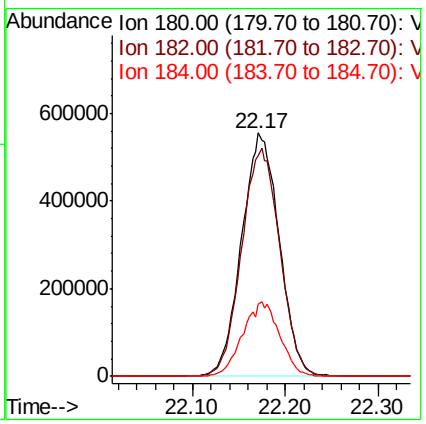




#81
1,2,4-Trichlorobenzene
Concen: 10.086 ppbv
RT: 22.17 min Scan# 5982
Delta R.T. -0.03 min
Lab File: VL032584.D
Acq: 3 Oct 2018 18:06

Tgt Ion:180 Resp: 1562906

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.1	114.1
184	30.2	23.8	35.8



Instrument :
MSVOA_L
ClientSampleId :
VL1003ABS01

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:05 PM