Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008159.D
Acq On : 18 Mar 2019 10:52
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

Quant Time: Mar 18 11:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 11:50:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.02	128	51365	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	288814	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	257028	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	131808	30.00	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.00%				
60) 4-Bromofluorobenzene	11.13	95	129663	30.00	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 100.00%				
63) Toluene-d8	8.71	98	378318	30.00	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	44853	20.000	ug/l		96
3) Chloromethane	1.33	50	55475	20.000	ug/l		96
4) Vinyl Chloride	1.41	62	57471	20.000	ug/l		98
5) Bromomethane	1.64	94	37995	20.000	ug/l		96
6) Chloroethane	1.73	64	34622	20.000	ug/l		96
7) Trichlorofluoromethane	1.93	101	69971	20.000	ug/l		98
8) Diethyl Ether	2.19	74	40366	20.000	ug/l		84
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49894	20.000	ug/l		92
10) 1,1-Dichloroethene	2.38	96	47265	20.000	ug/l		85
11) Methyl Iodide	2.51	142	55826	20.000	ug/l		98
12) Methyl Acetate	2.78	43	78663	20.000	ug/l		92
13) Acrolein	2.29	56	55587	100.000	ug/l		100
14) Acrylonitrile	3.14	53	172545	100.000	ug/l		99
15) Acetone	2.45	58	60864	100.000	ug/l		91
16) Carbon Disulfide	2.57	76	148908	20.000	ug/l		99
17) Allyl chloride	2.73	41	100093	20.000	ug/l		97
18) Methylene Chloride	2.86	84	55587	20.000	ug/l		88
19) trans-1,2-Dichloroethene	3.17	96	50787	20.000	ug/l		91
20) Diisopropyl ether	3.86	45	201340	20.000	ug/l	#	94
21) 1,1-Dichloroethane	3.70	63	103462	20.000	ug/l		97
22) cis-1,2-Dichloroethene	4.60	96	57966	20.000	ug/l	#	82
23) tert-Butyl Alcohol	3.04	59	63690	100.000	ug/l		100
24) Methyl tert-Butyl Ether	3.20	73	170747	20.000	ug/l		98
25) Chloroform	5.21	83	98912	20.000	ug/l		94
26) Cyclohexane	5.59	56	96136	20.000	ug/l	#	86
29) 1,1-Dichloropropene	5.80	75	73713	20.000	ug/l		93
30) 2-Butanone	4.67	43	278741	100.000	ug/l		94
31) 2,2-Dichloropropane	4.59	77	73633	20.000	ug/l		94
32) 1,1,1-Trichloroethane	5.49	97	78986	20.000	ug/l	#	94
33) Carbon Tetrachloride	5.79	117	64501	20.000	ug/l		98
34) Benzene	6.14	78	224492	20.000	ug/l	#	96
35) Methacrylonitrile	5.04	41	50836	20.000	ug/l		94
36) 1,2-Dichloroethane	6.20	62	82583	20.000	ug/l		98
37) Trichloroethene	7.21	130	52860	20.000	ug/l		83
38) Methylcyclohexane	7.46	83	88956	20.000	ug/l		89
39) 1,2-Dichloropropane	7.51	63	61043	20.000	ug/l		98
40) Dibromomethane	7.66	93	37312	20.000	ug/l		89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008159.D
Acq On : 18 Mar 2019 10:52
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

Quant Time: Mar 18 11:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 11:50:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Bromodichloromethane	7.90	83	71700	20.000	ug/l		99
42) Vinyl Acetate	3.82	43	876306	100.000	ug/l		95
43) Ethyl Acetate	4.83	43	93623m	19.620	ug/l		
44) Isopropyl Acetate	6.45	43	141791	20.000	ug/l		98
45) 1,4-Dioxane	7.74	88	26999	400.000	ug/l	#	83
46) Methyl methacrylate	7.77	41	75273	20.000	ug/l		90
47) n-amyl Acetate	10.90	43	122865	20.000	ug/l		97
48) t-1,3-Dichloropropene	9.04	75	76104	20.000	ug/l		99
49) cis-1,3-Dichloropropene	8.43	75	85543	20.000	ug/l		94
50) 1,1,2-Trichloroethane	9.21	97	53698	20.000	ug/l		97
51) Ethyl methacrylate	9.18	69	85767	20.000	ug/l		92
52) 1,3-Dichloropropane	9.37	76	97702	20.000	ug/l		98
53) Dibromochloromethane	9.58	129	51269	20.000	ug/l		98
54) 1,2-Dibromoethane	9.67	107	57511	20.000	ug/l		95
55) 2-Chloroethyl vinyl ether	8.31	63	319991	100.000	ug/l		95
56) Bromoform	10.85	173	36355	20.000	ug/l	#	97
58) 4-Methyl-2-Pentanone	8.64	43	489269	100.000	ug/l		95
59) 2-Hexanone	9.49	43	398680	100.000	ug/l		96
61) Tetrachloroethene	9.34	164	50631	20.000	ug/l		97
62) Toluene	8.78	91	236150	20.000	ug/l		99
64) Chlorobenzene	10.13	112	141278	20.000	ug/l		100
65) 1,1,1,2-Tetrachloroethane	10.22	131	48514	20.000	ug/l		97
66) Ethyl Benzene	10.25	91	248515	20.000	ug/l		94
67) m/p-Xylenes	10.36	106	183736	40.000	ug/l		91
68) o-Xylene	10.69	106	88656	20.000	ug/l		92
69) Styrene	10.71	104	143948	20.000	ug/l		96
70) Isopropylbenzene	11.02	105	239172	20.000	ug/l		95
71) 1,1,2,2-Tetrachloroethane	11.27	83	87218	20.000	ug/l		99
72) 1,2,3-Trichloropropane	11.29	75	76699m	20.090	ug/l		
73) Bromobenzene	11.26	156	56431	20.000	ug/l		80
74) n-propylbenzene	11.36	91	278913	20.000	ug/l		94
75) 2-Chlorotoluene	11.42	91	167610	20.000	ug/l		90
76) 1,3,5-Trimethylbenzene	11.51	105	197523	20.000	ug/l		95
77) t-1,4-Dichloro-2-butene	11.07	75	24944	20.000	ug/l		96
78) 4-Chlorotoluene	11.51	91	189878	20.000	ug/l		91
79) tert-butylbenzene	12.06	119	197684	20.000	ug/l		96
80) 1,2,4-Trimethylbenzene	11.80	105	198709	20.000	ug/l		94
81) sec-Butylbenzene	11.94	105	234244	20.000	ug/l		95
82) p-Isopropyltoluene	12.06	119	197684	20.000	ug/l		96
83) 1,3-Dichlorobenzene	12.02	146	101630	20.000	ug/l		95
84) 1,4-Dichlorobenzene	12.10	146	98545	20.000	ug/l		96
85) n-Butylbenzene	12.38	91	179216	20.000	ug/l		96
86) Hexachloroethane	12.59	117	33414	20.000	ug/l		96
87) 1,2-Dichlorobenzene	12.39	146	101057	20.000	ug/l		97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18226	20.000	ug/l	#	76
89) 1,2,4-Trichlorobenzene	13.65	180	63196	20.000	ug/l		99
90) Hexachlorobutadiene	13.78	225	32549	20.000	ug/l		97
91) Naphthalene	13.83	128	207495	20.000	ug/l		99
92) 1,2,3-Trichlorobenzene	14.02	180	63259	20.000	ug/l		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008159.D
Acq On : 18 Mar 2019 10:52
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

Quant Time: Mar 18 11:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 11:50:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

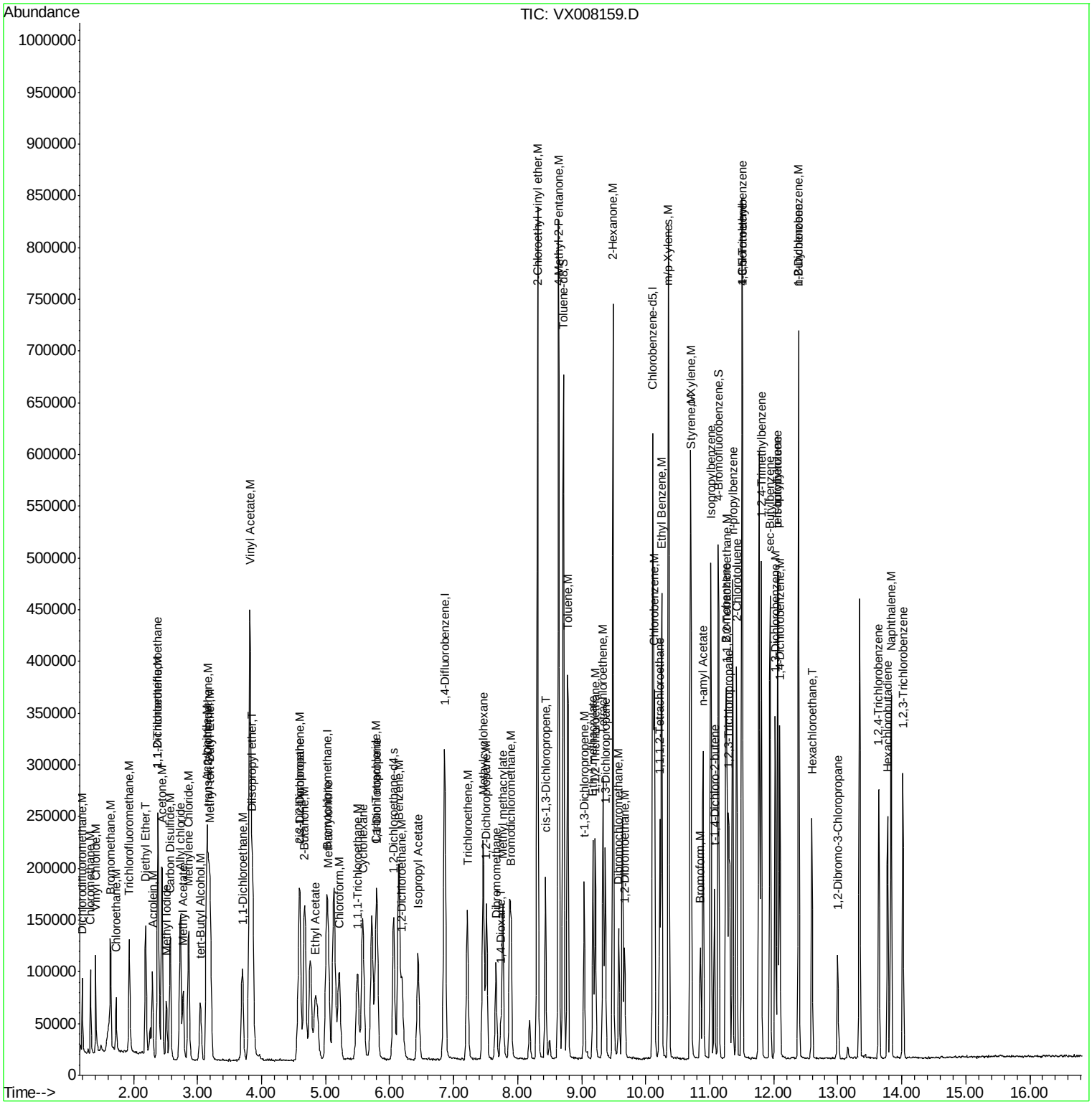
(#) = qualifier out of range (m) = manual integration (+) = signals summed

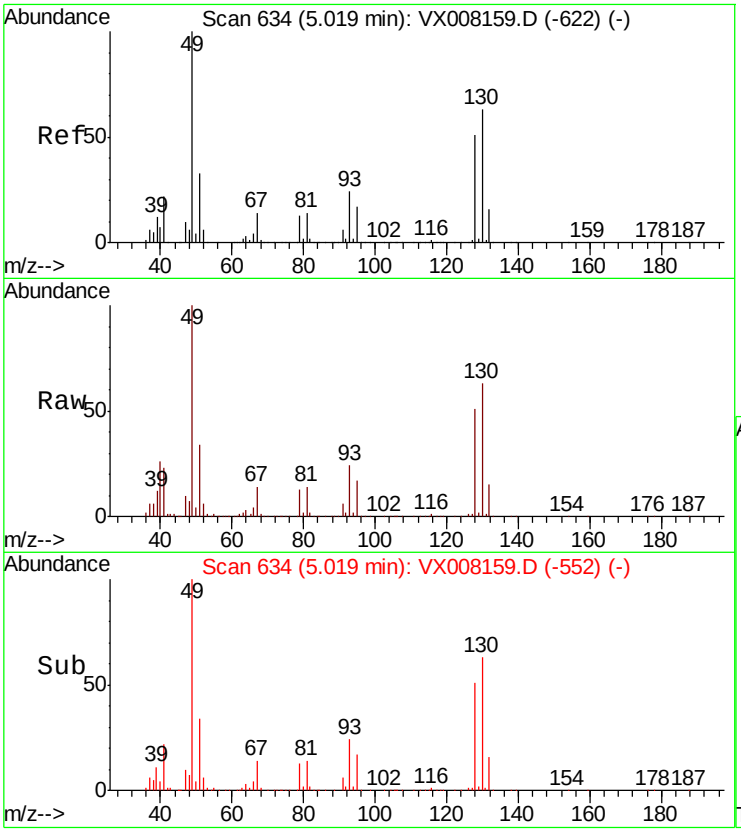
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008159.D
Acq On : 18 Mar 2019 10:52
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 11:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 11:50:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

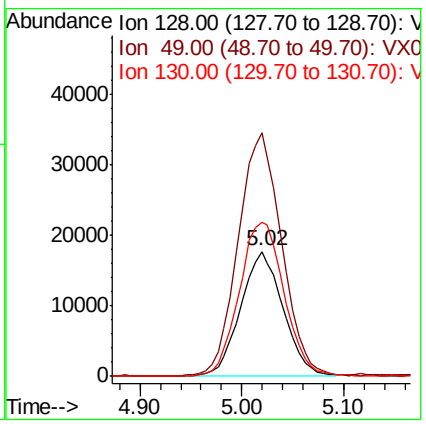




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

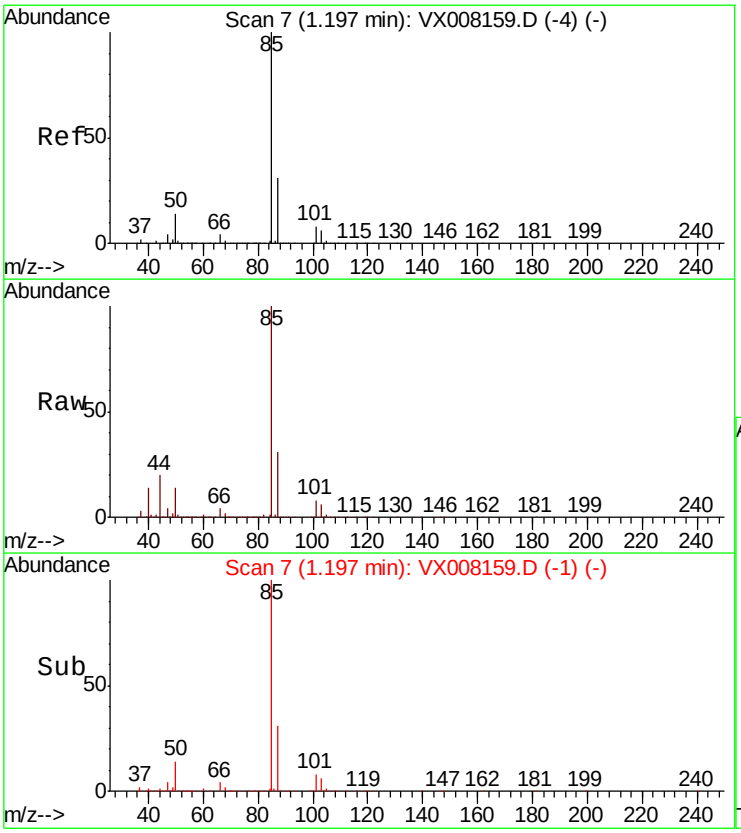
Tgt Ion:128 Resp: 51365

Ion	Ratio	Lower	Upper
128	100		
49	199.2	0.0	350.8
130	130.8	0.0	325.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

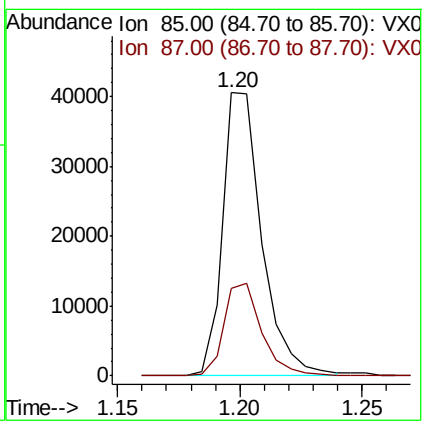
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

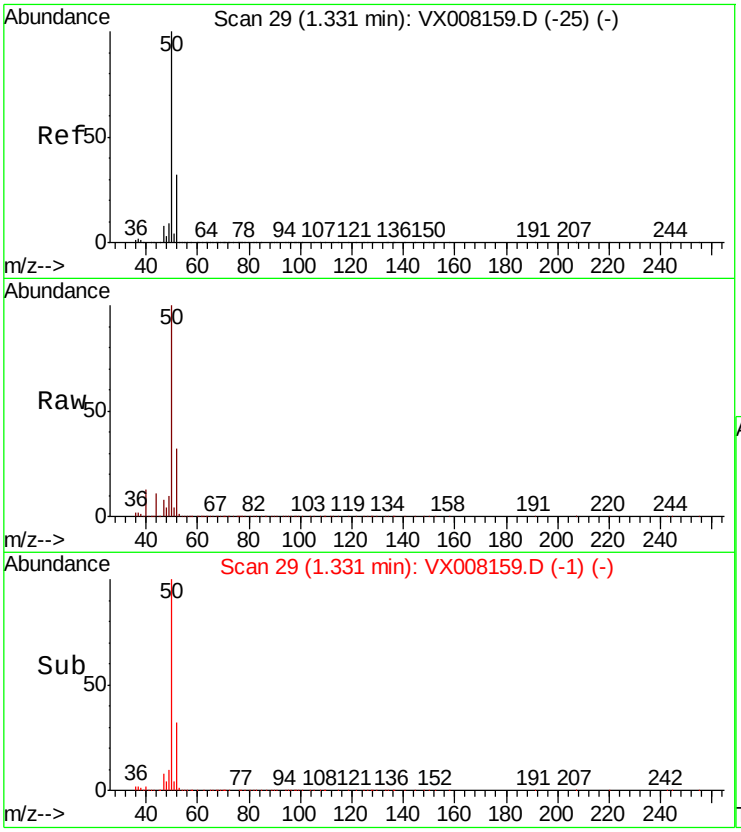


#2
Dichlorodifluoromethane
Concen: 20.000 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 85 Resp: 44853

Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.6	49.8

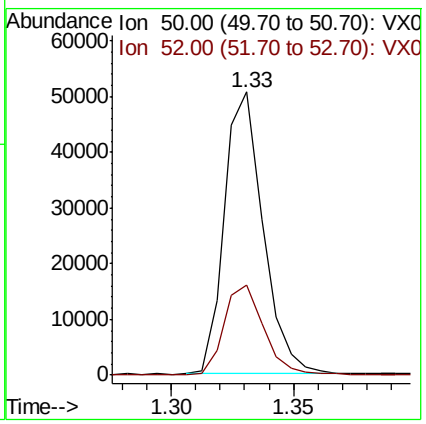




#3
Chloromethane
Concen: 20.000 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

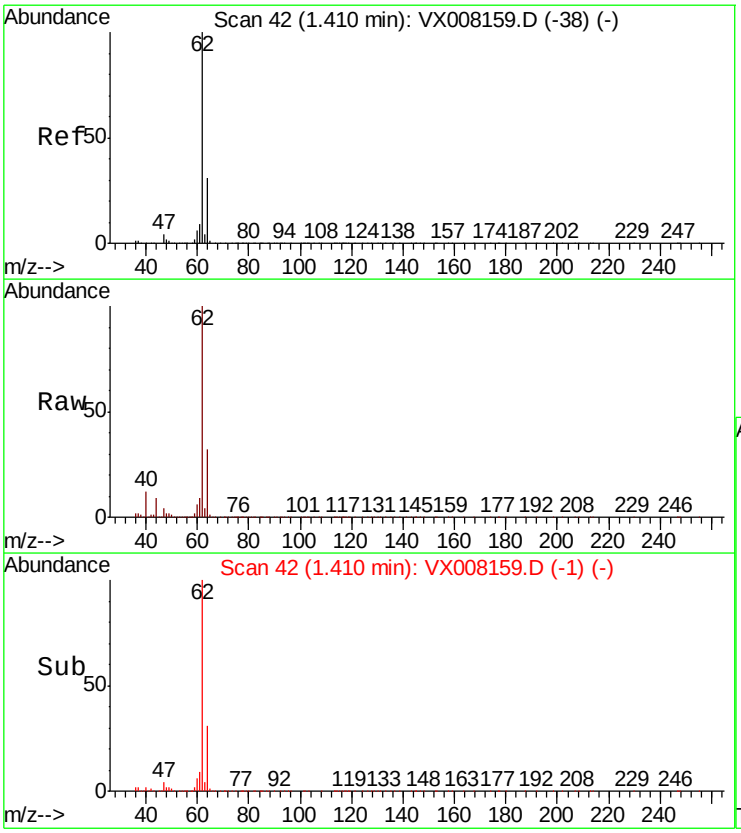
Tgt Ion: 50 Resp: 55475

Ion	Ratio	Lower	Upper
50	100		
52	32.0	27.5	41.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

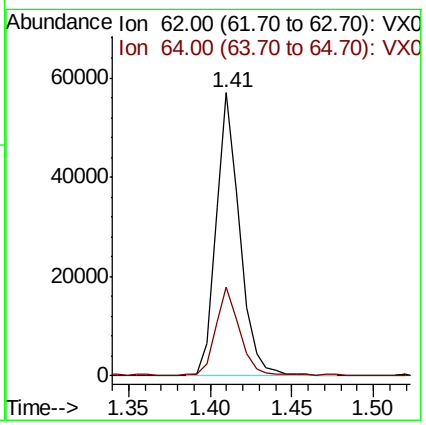
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

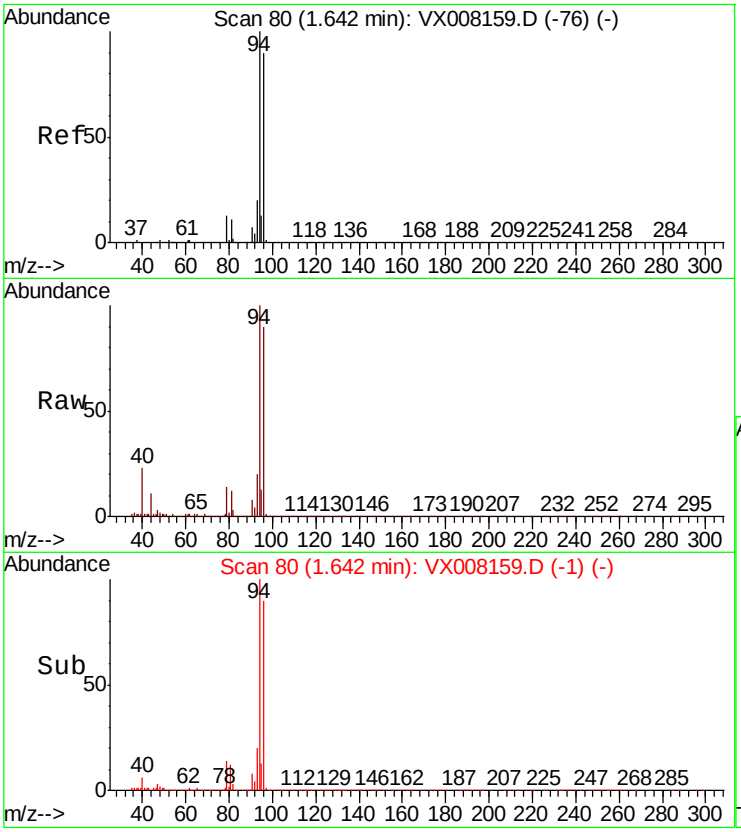


#4
Vinyl Chloride
Concen: 20.000 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 62 Resp: 57471

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.9	38.9

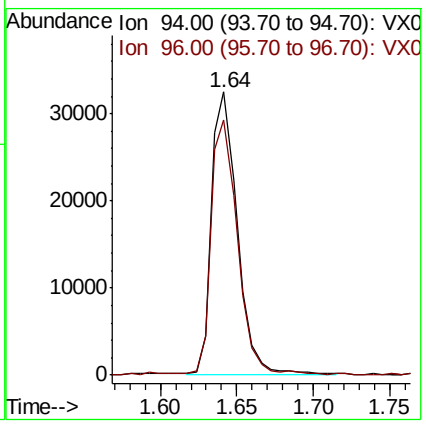




#5
Bromomethane
Concen: 20.000 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

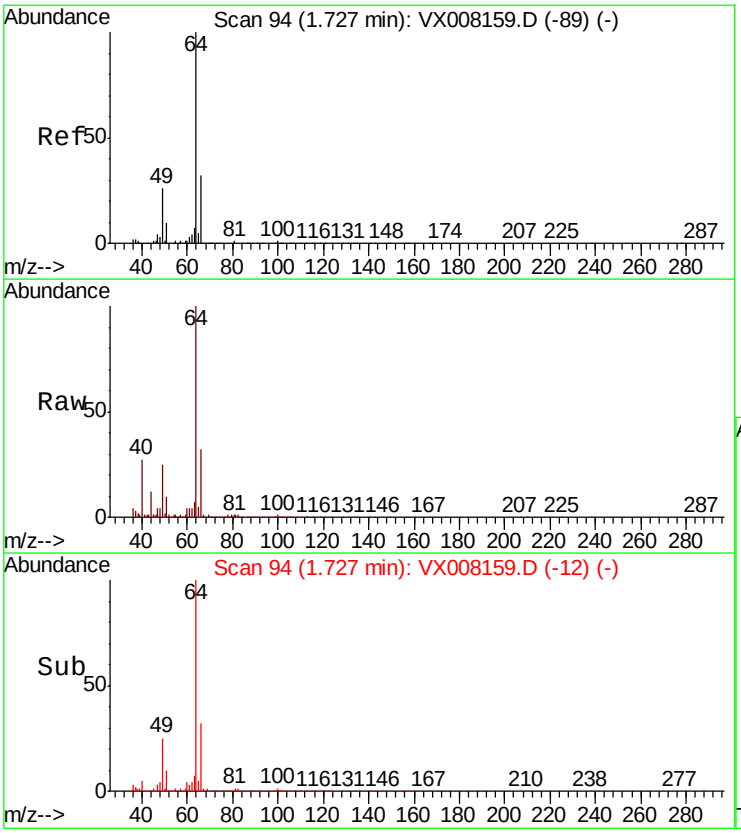
Tgt Ion: 94 Resp: 37995

Ion	Ratio	Lower	Upper
94	100		
96	90.3	75.6	113.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

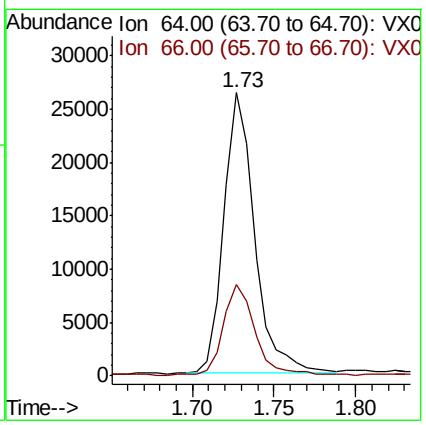
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

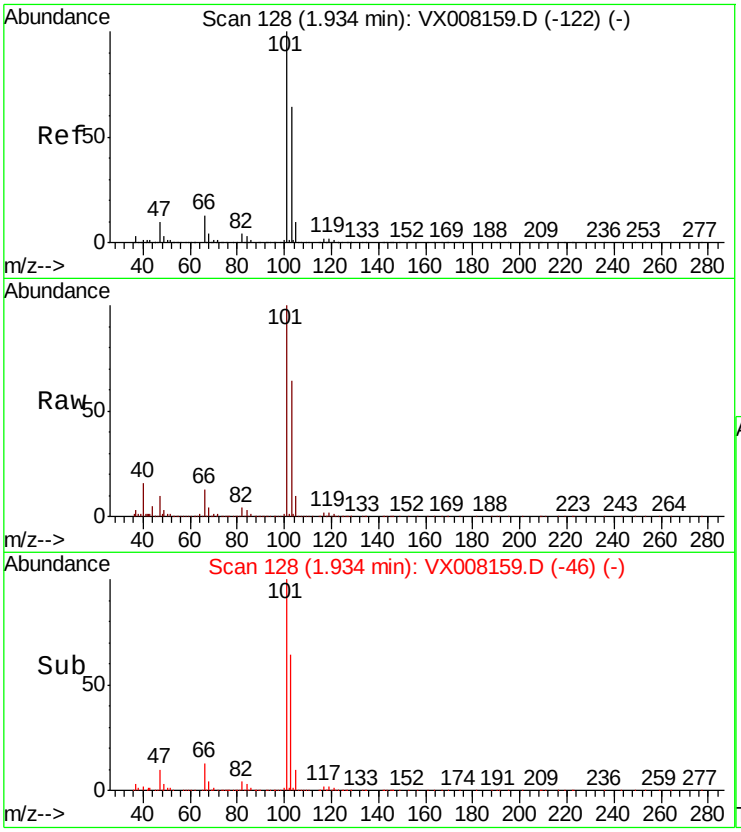


#6
Chloroethane
Concen: 20.000 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 64 Resp: 34622

Ion	Ratio	Lower	Upper
64	100		
66	32.2	23.9	35.9

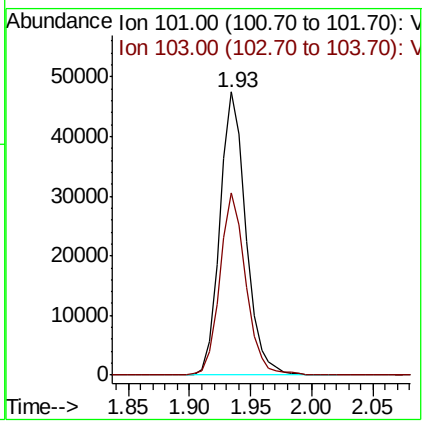




#7
Trichlorofluoromethane
Concen: 20.000 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

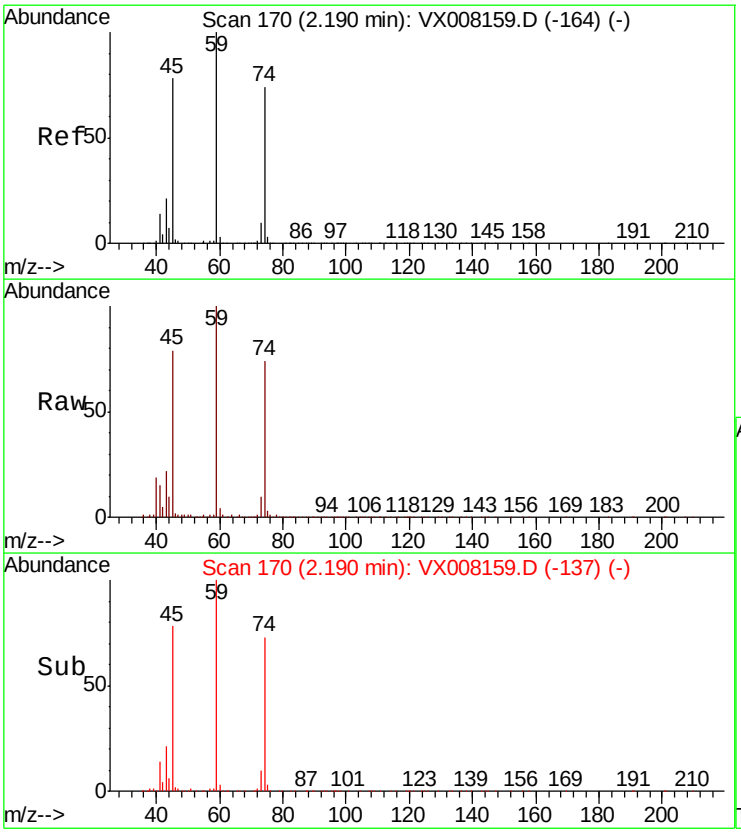
Tgt Ion:101 Resp: 69971

Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.4	75.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

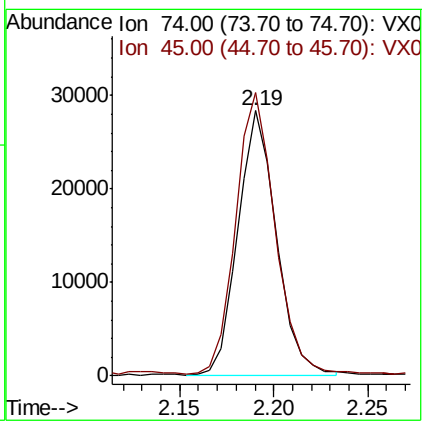
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

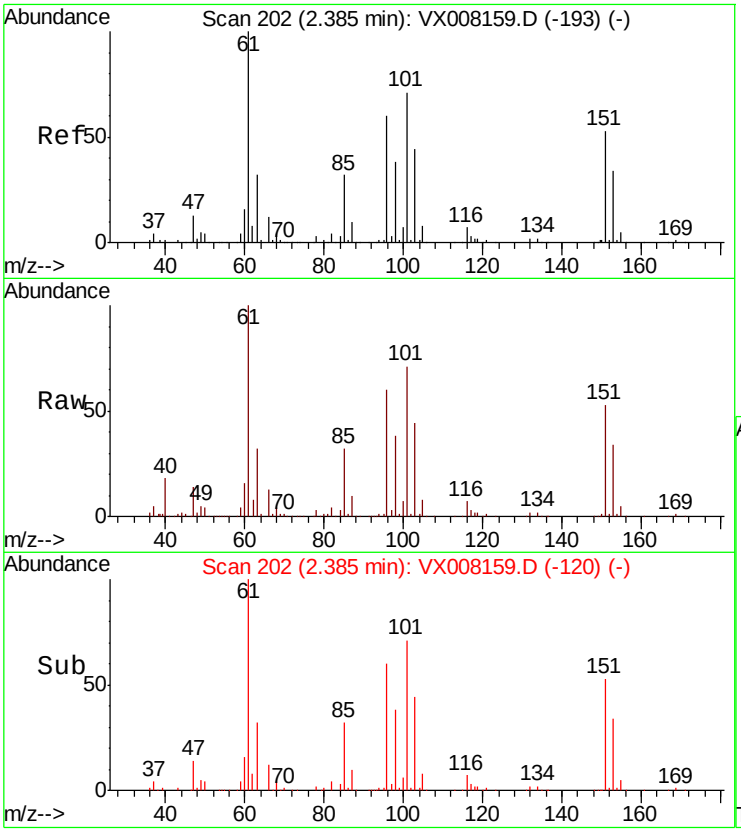


#8
Diethyl Ether
Concen: 20.000 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 74 Resp: 40366

Ion	Ratio	Lower	Upper
74	100		
45	108.3	18.6	167.8

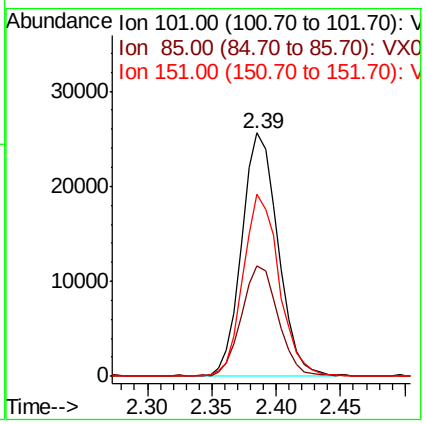




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.000 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

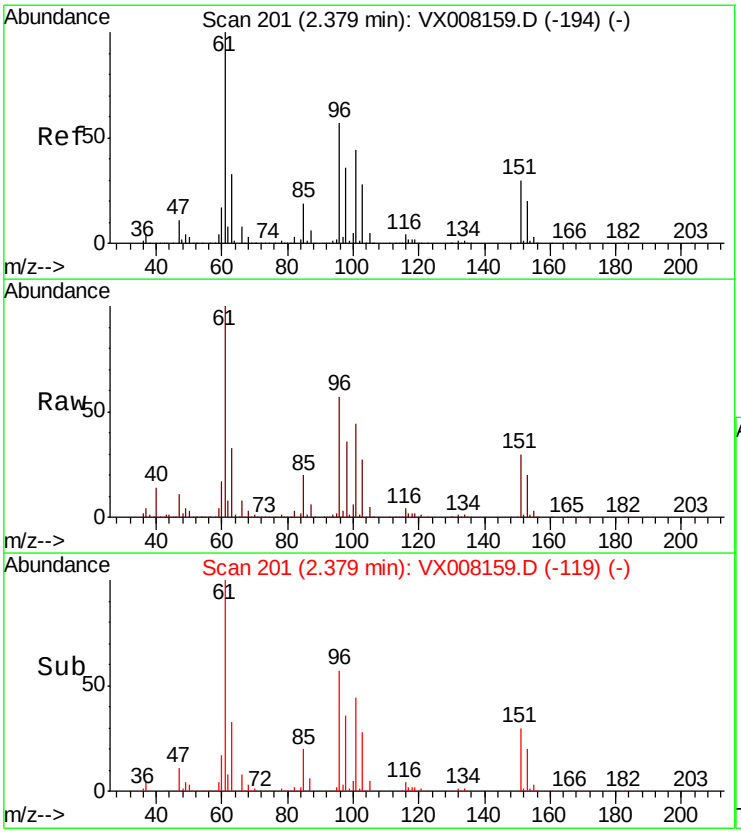
Tgt Ion:101 Resp: 49894

Ion	Ratio	Lower	Upper
101	100		
85	45.2	0.0	86.8
151	74.4	0.0	169.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

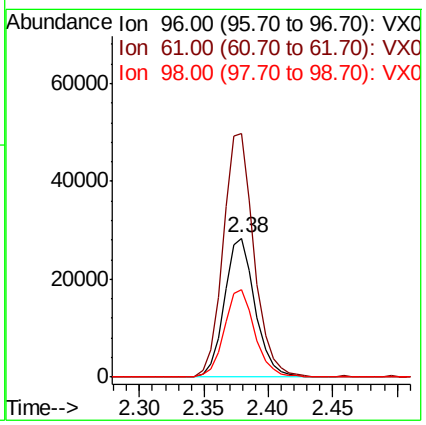
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

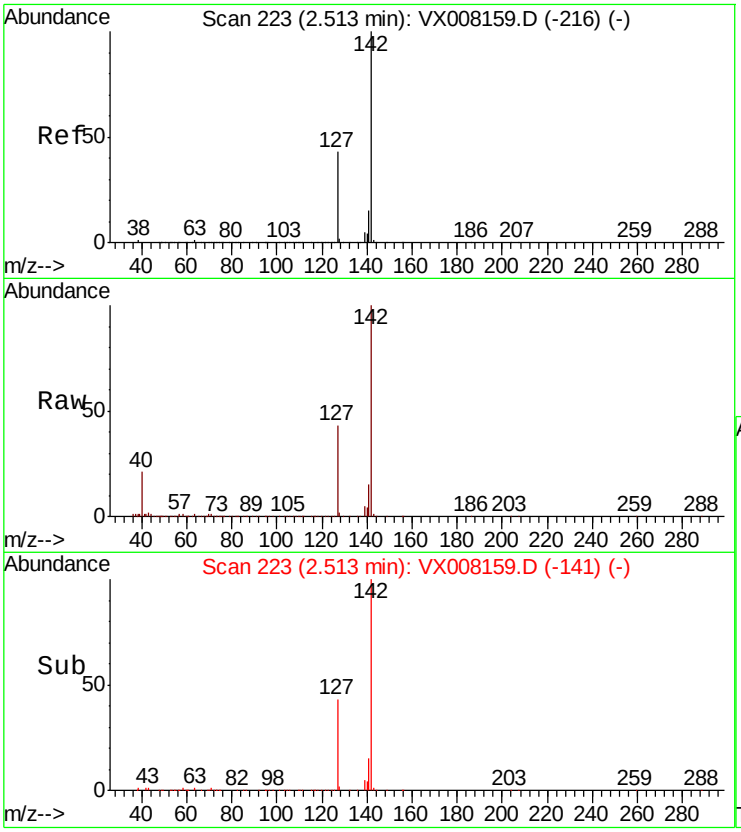


#10
1,1-Dichloroethene
Concen: 20.000 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 96 Resp: 47265

Ion	Ratio	Lower	Upper
96	100		
61	175.3	120.2	180.2
98	62.9	49.0	73.4

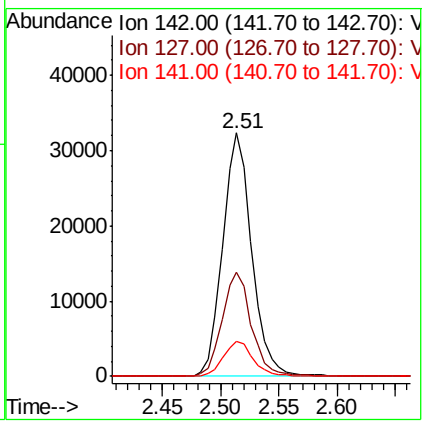




#11
Methyl Iodide
Concen: 20.000 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

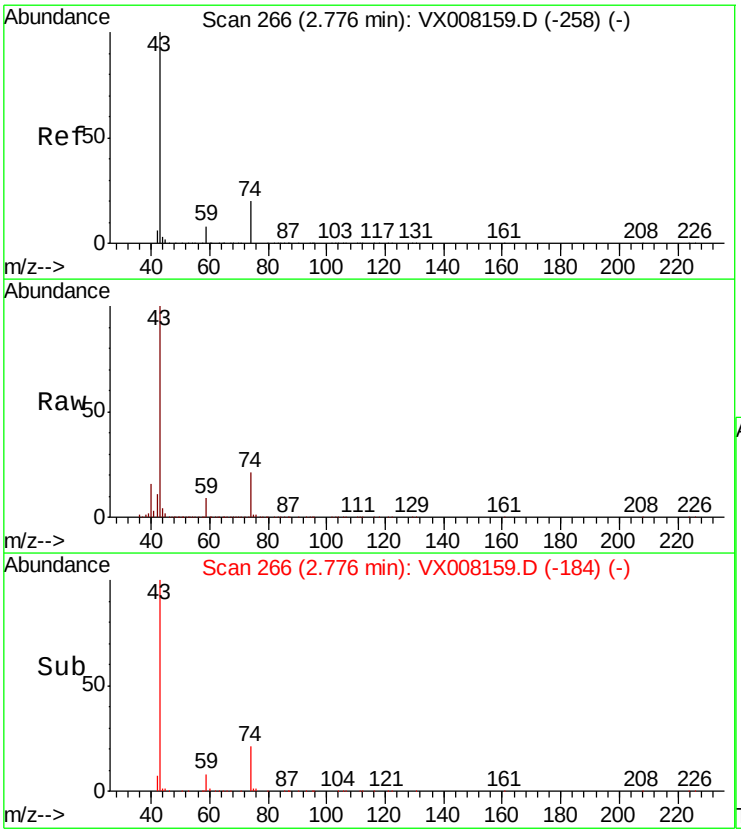
Tgt Ion:142 Resp: 55826

Ion	Ratio	Lower	Upper
142	100		
127	42.7	22.1	66.5
141	14.6	7.4	22.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

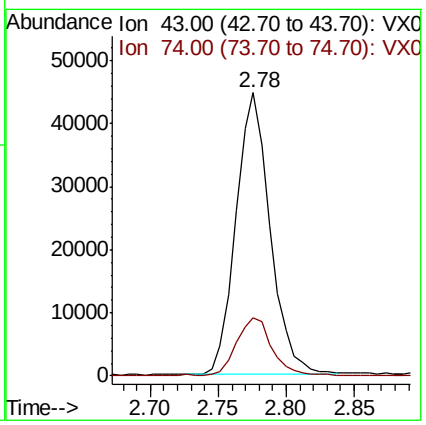
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

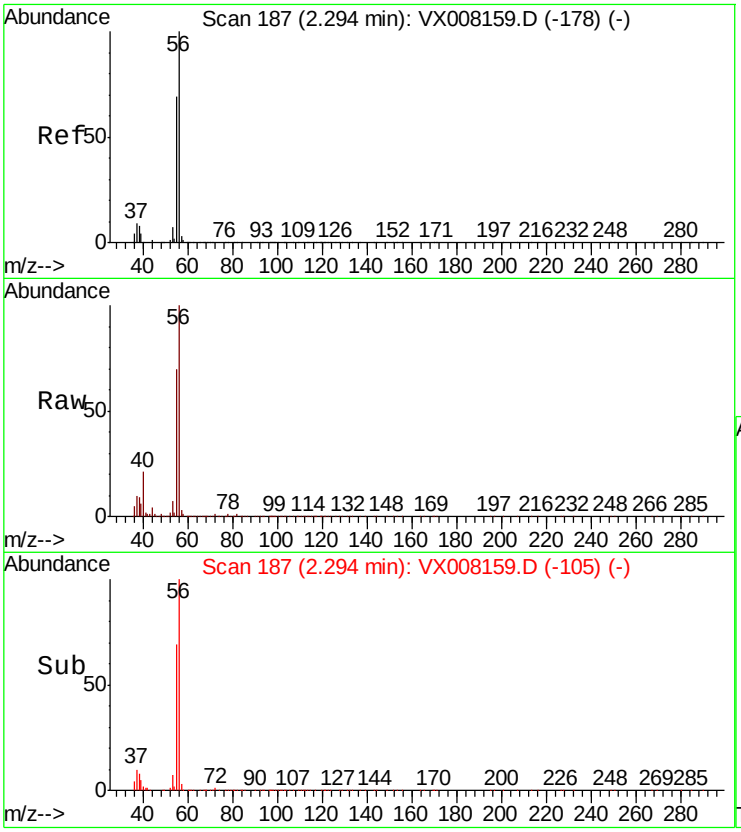


#12
Methyl Acetate
Concen: 20.000 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 43 Resp: 78663

Ion	Ratio	Lower	Upper
43	100		
74	20.3	19.4	29.0

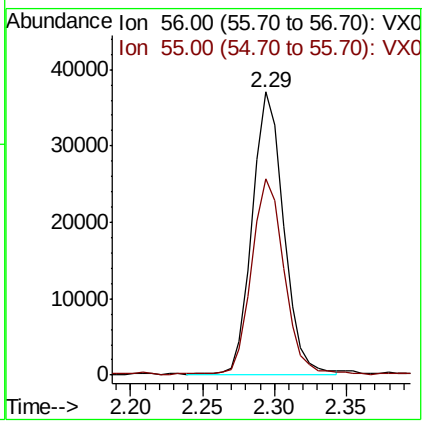




#13
Acrolein
Concen: 100.000 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

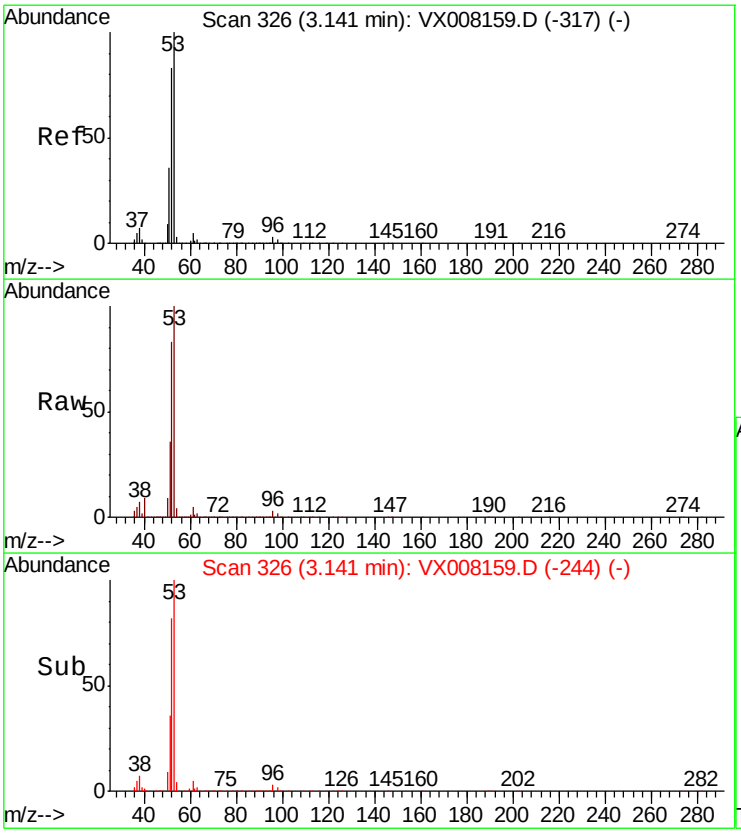
Tgt Ion: 56 Resp: 55587

Ion	Ratio	Lower	Upper
56	100		
55	72.9	58.6	87.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

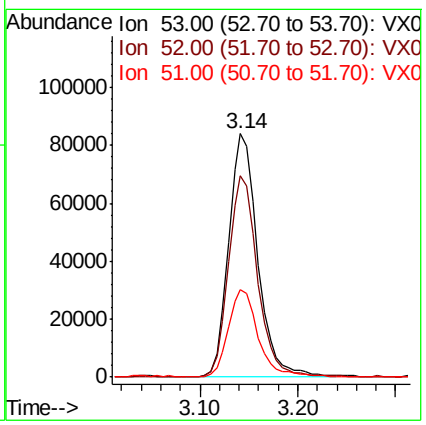
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

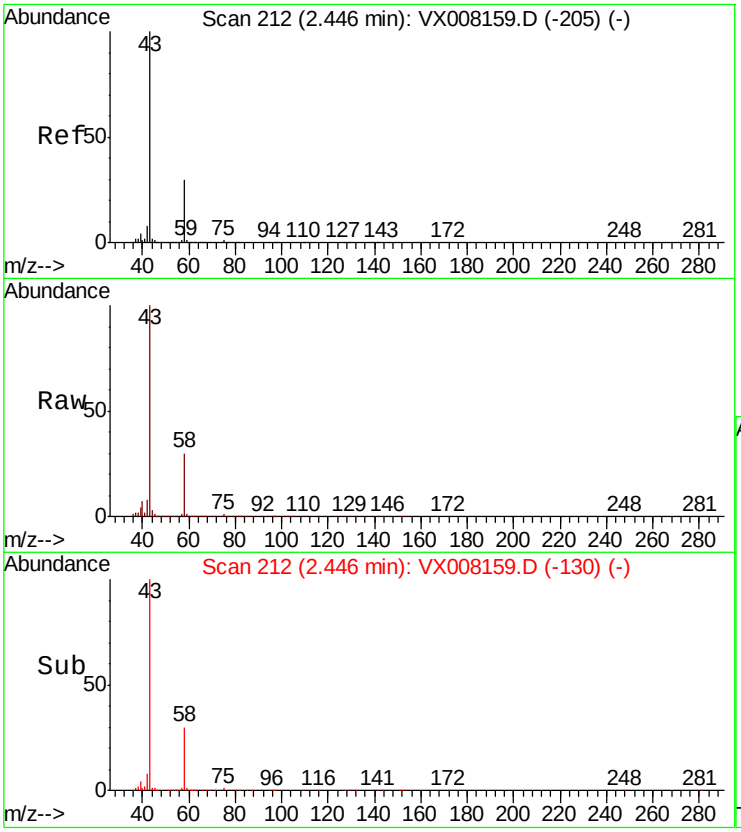


#14
Acrylonitrile
Concen: 100.000 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 53 Resp: 172545

Ion	Ratio	Lower	Upper
53	100		
52	82.5	41.3	124.1
51	36.9	17.5	52.6

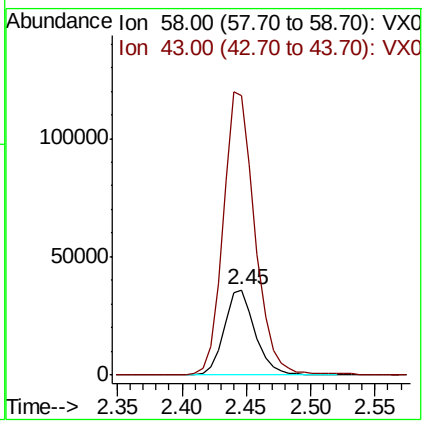




#15
Acetone
Concen: 100.000 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

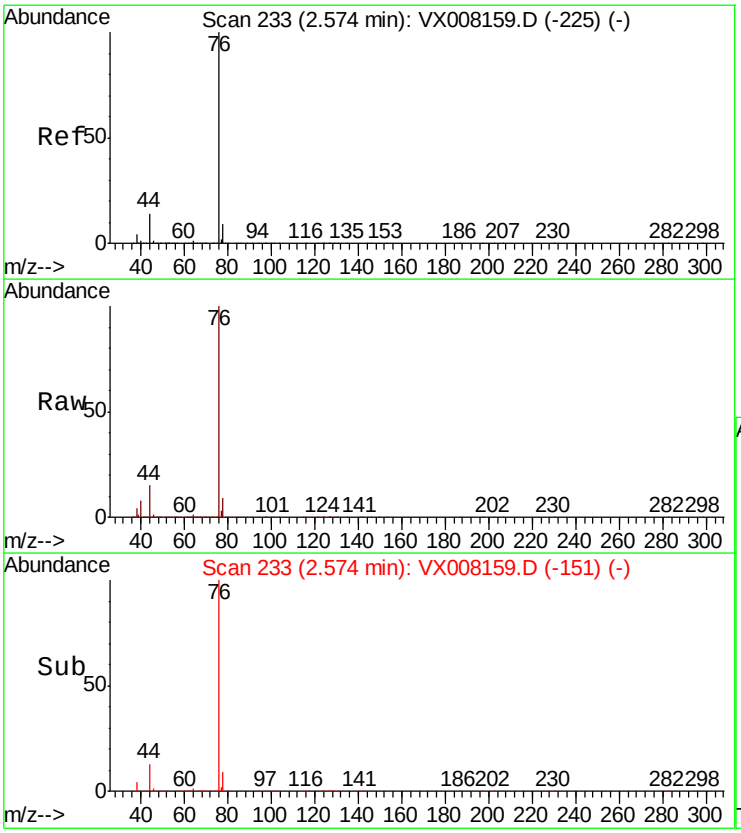
Tgt Ion: 58 Resp: 60864

Ion	Ratio	Lower	Upper
58	100		
43	329.4	249.8	374.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

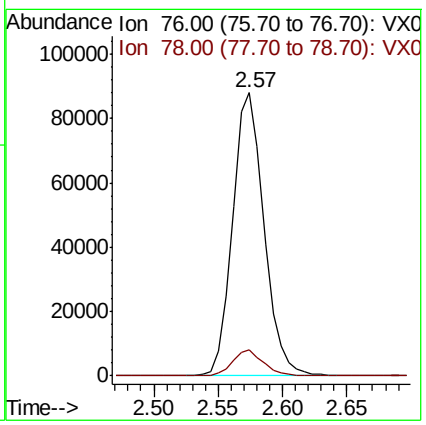
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

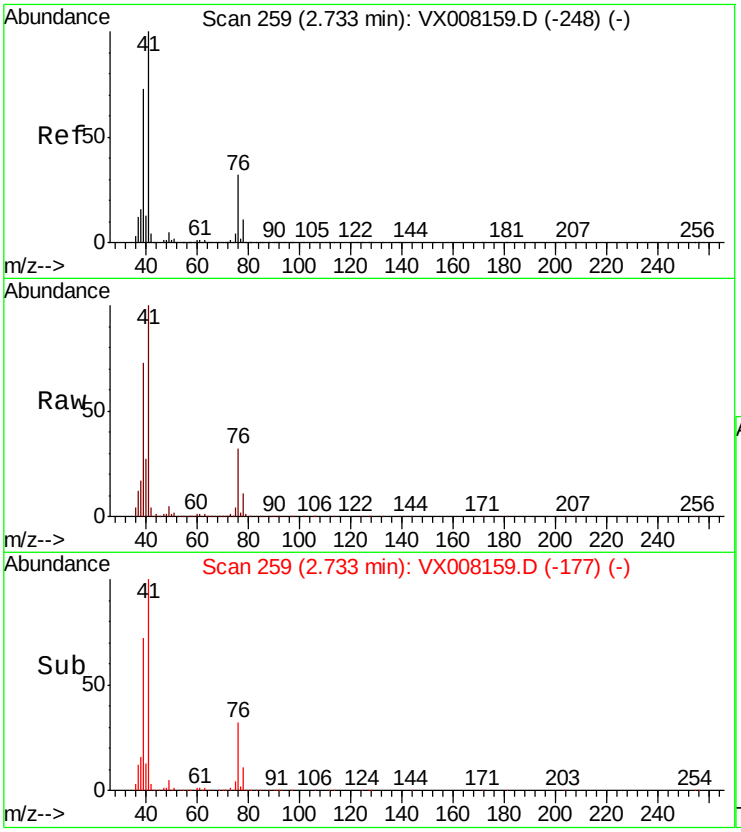


#16
Carbon Disulfide
Concen: 20.000 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 76 Resp: 148908

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

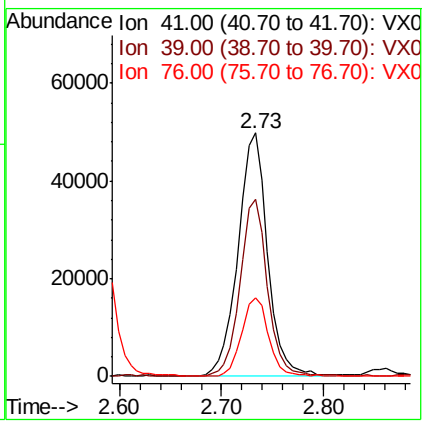




#17
Allvl chloride
Concen: 20.000 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

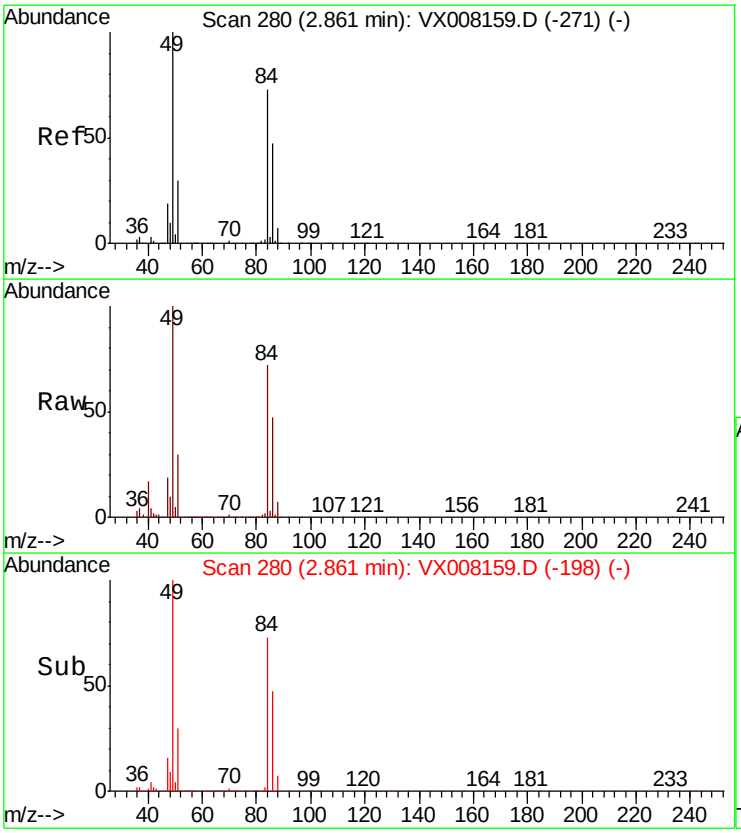
Tgt Ion: 41 Resp: 100093

Ion	Ratio	Lower	Upper
41	100		
39	72.5	35.8	107.4
76	31.8	18.3	54.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

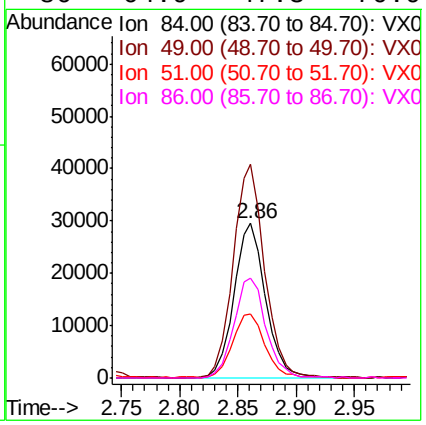
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

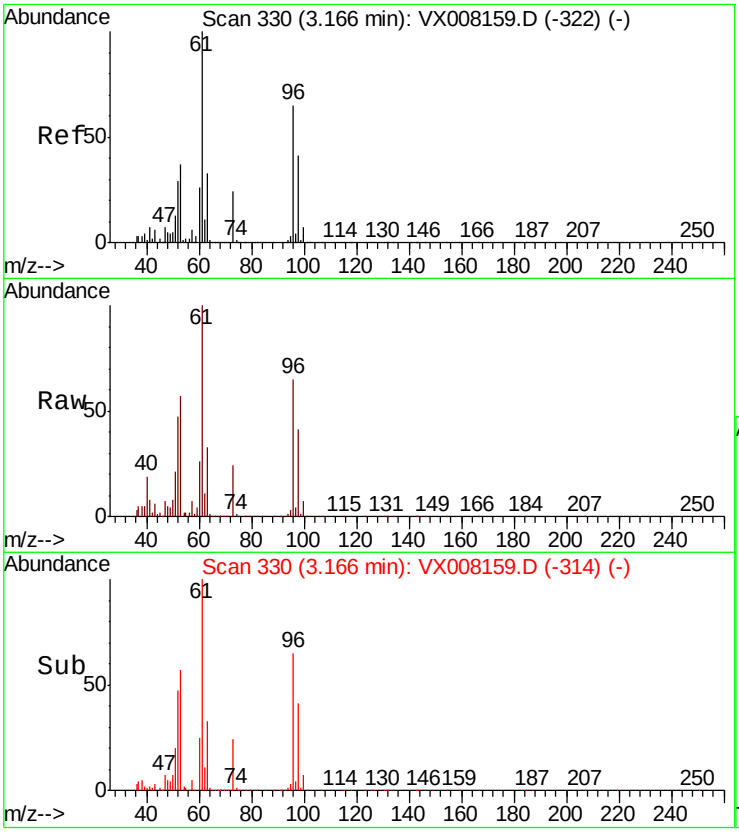


#18
Methylene Chloride
Concen: 20.000 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 84 Resp: 55587

Ion	Ratio	Lower	Upper
84	100		
49	137.7	96.1	144.1
51	41.4	29.1	43.7
86	64.9	47.3	70.9

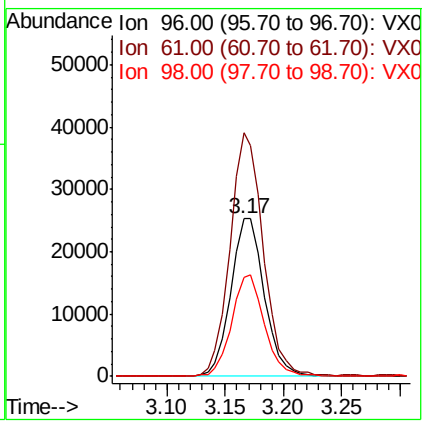




#19
trans-1,2-Dichloroethene
Concen: 20.000 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

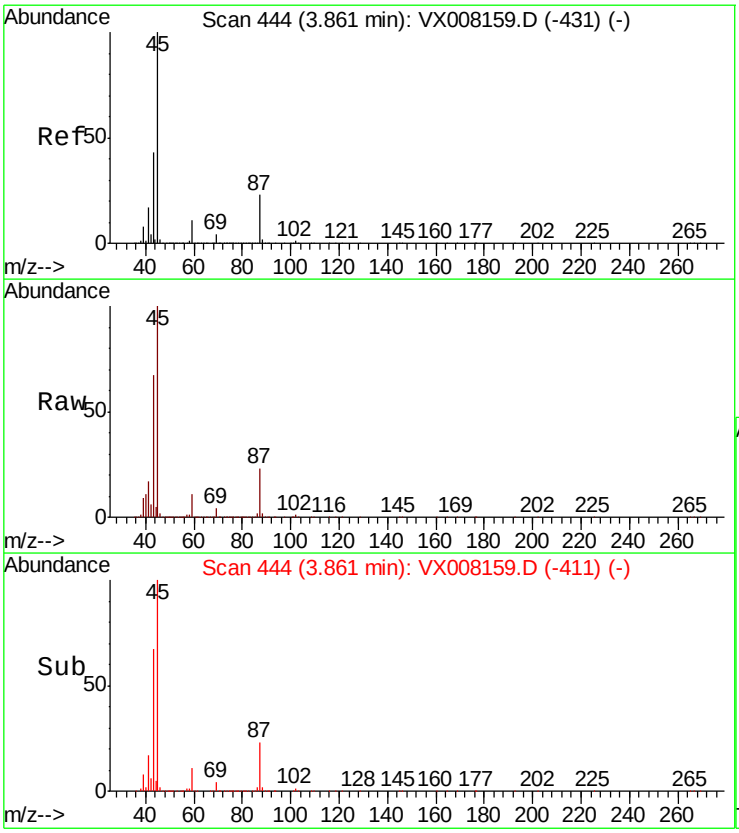
Tgt Ion: 96 Resp: 50787

Ion	Ratio	Lower	Upper
96	100		
61	153.9	109.9	164.9
98	62.8	50.4	75.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

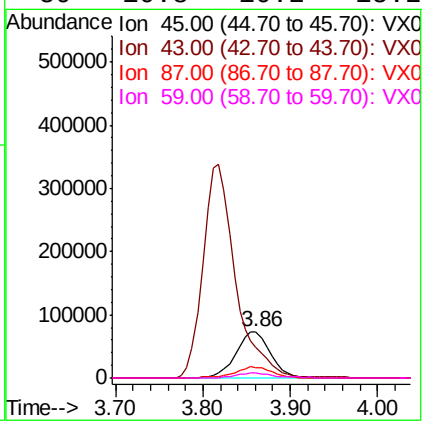
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

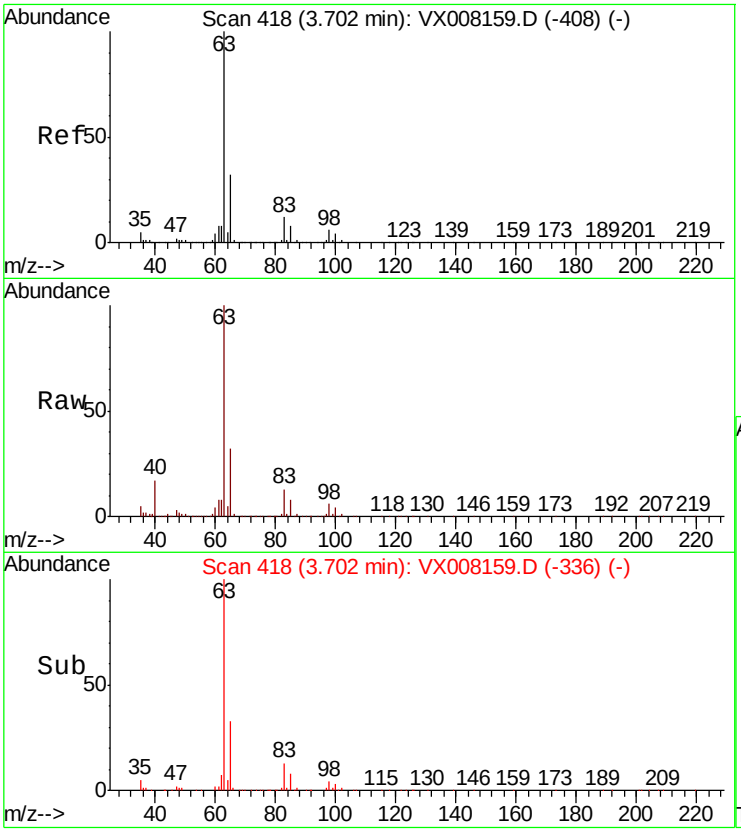


#20
Diisopropyl ether
Concen: 20.000 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 45 Resp: 201340

Ion	Ratio	Lower	Upper
45	100		
43	65.1	50.6	76.0
87	23.1	24.5	36.7#
59	10.8	10.2	15.2

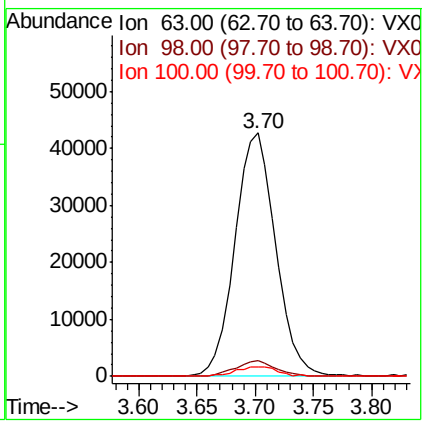




#21
1,1-Dichloroethane
Concen: 20.000 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

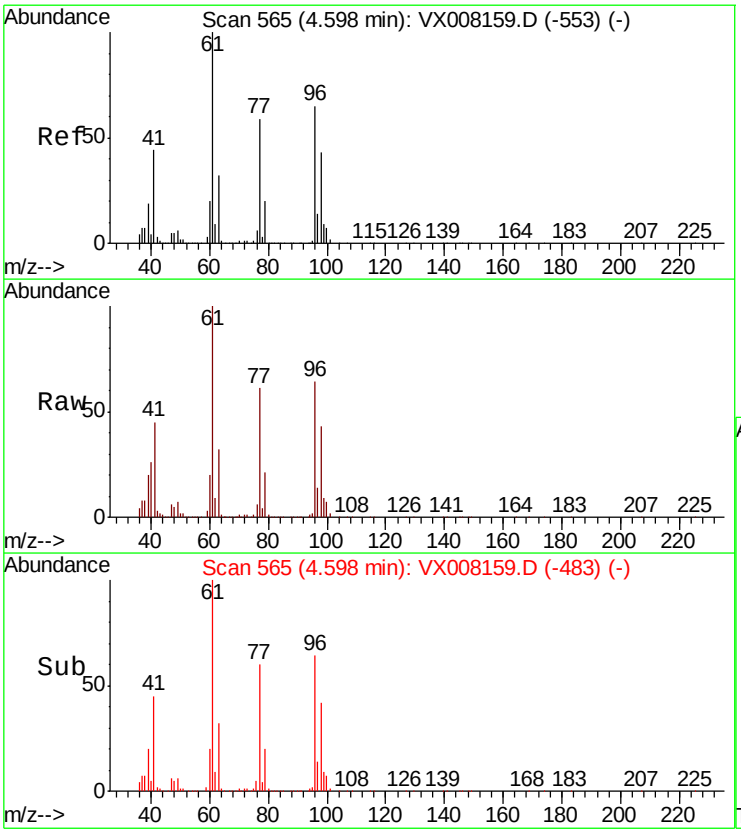
Tgt Ion: 63 Resp: 103462

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.8	11.4
100	3.9	2.4	7.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

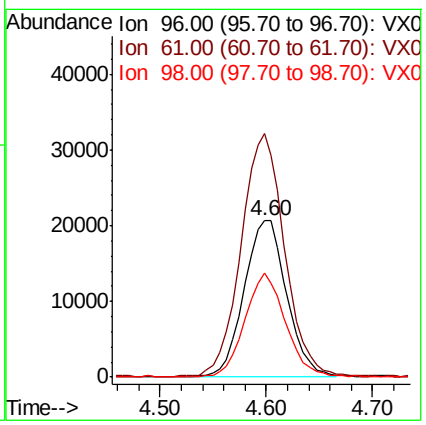
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

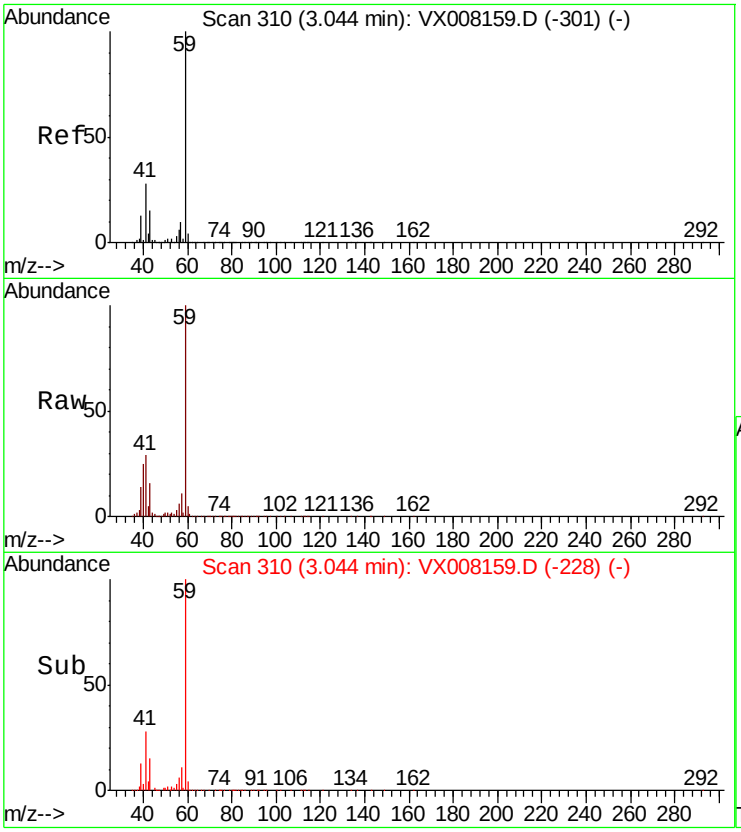


#22
cis-1,2-Dichloroethene
Concen: 20.000 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 96 Resp: 57966

Ion	Ratio	Lower	Upper
96	100		
61	158.8	103.5	155.3#
98	62.6	52.1	78.1

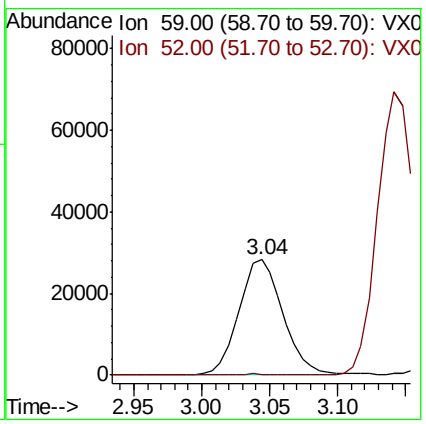




#23
tert-Butyl Alcohol
Concen: 100.000 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

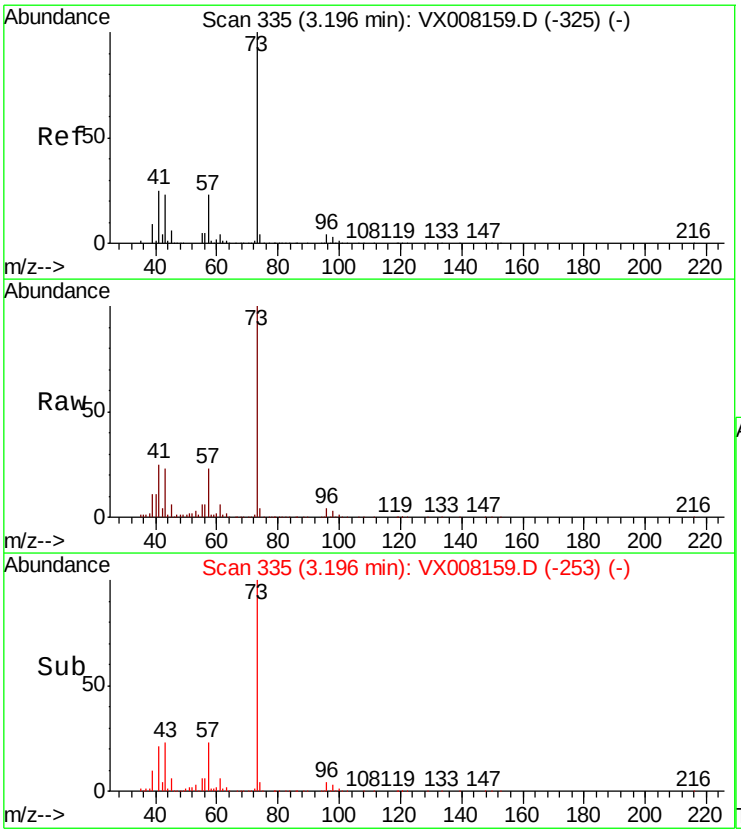
Tgt Ion: 59 Resp: 63690

Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

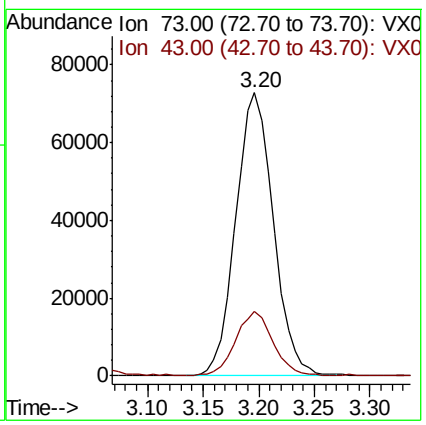
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

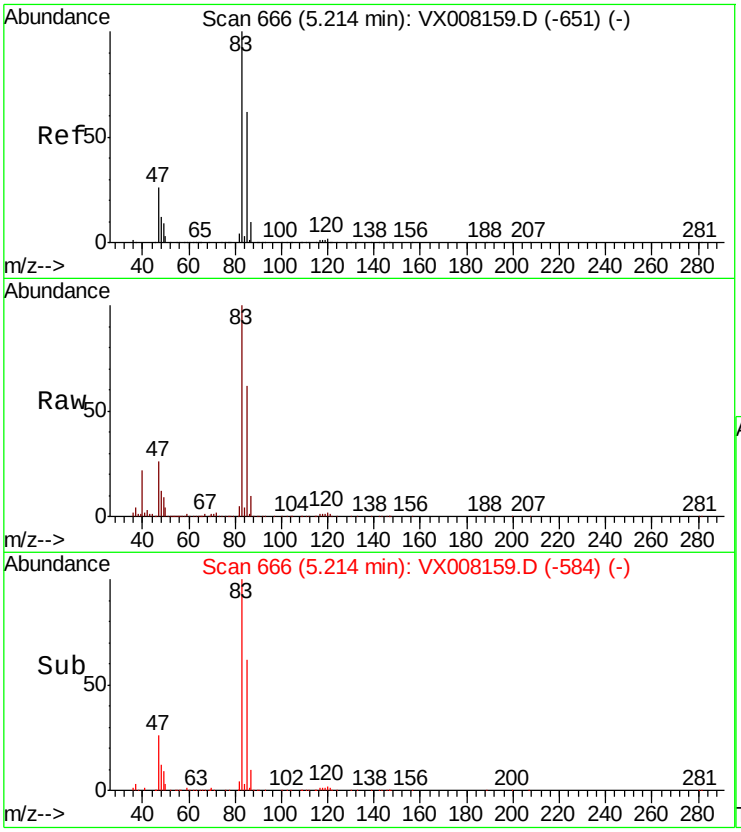


#24
Methyl tert-Butyl Ether
Concen: 20.000 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 73 Resp: 170747

Ion	Ratio	Lower	Upper
73	100		
43	22.3	17.1	25.7

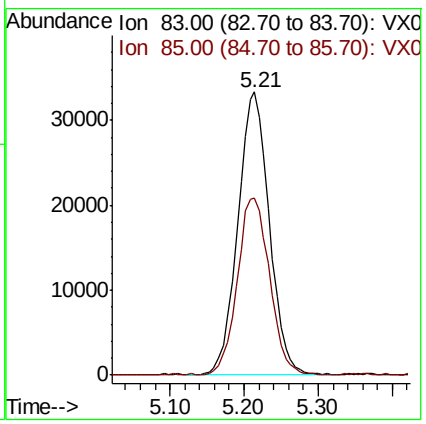




#25
Chloroform
Concen: 20.000 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

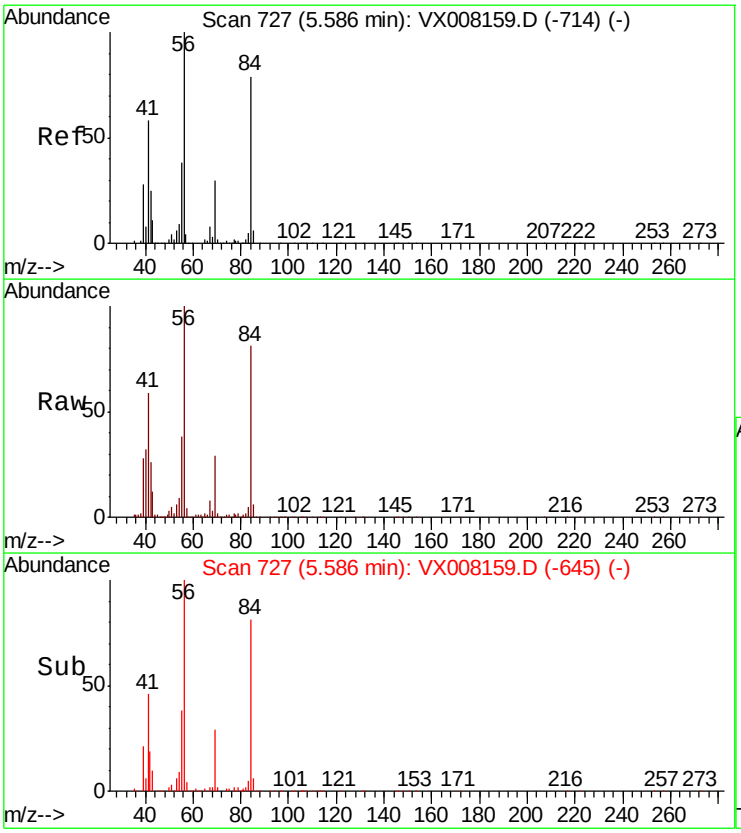
Tgt Ion: 83 Resp: 98912

Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.8	80.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

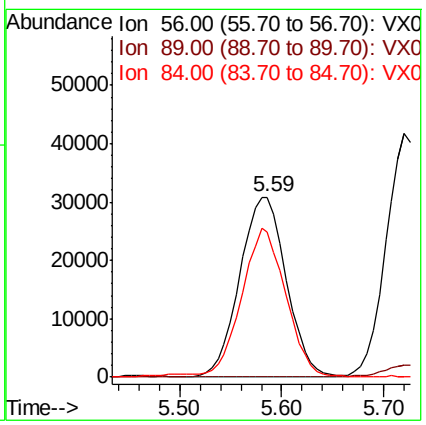
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

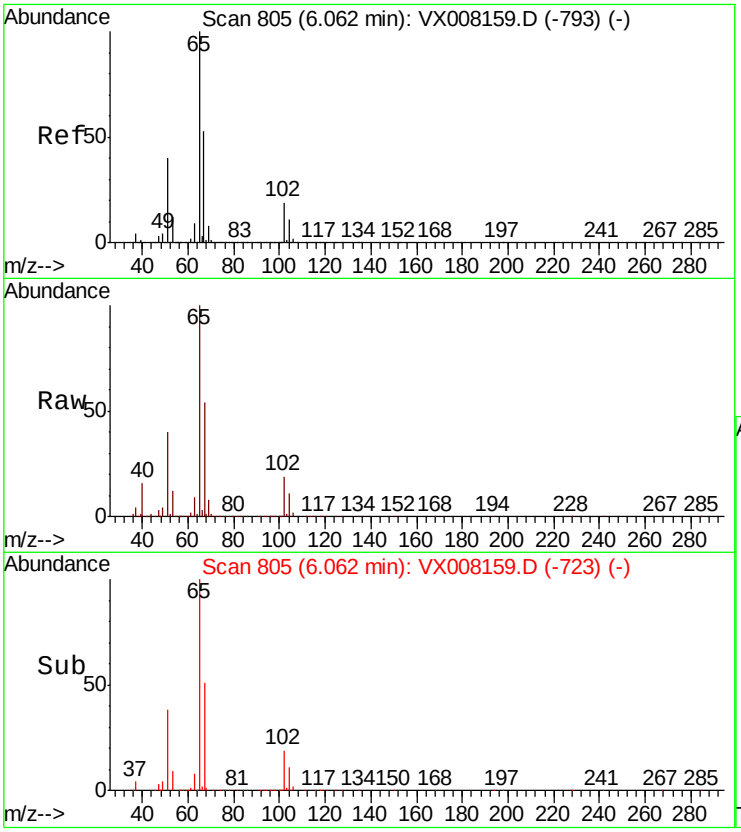


#26
Cyclohexane
Concen: 20.000 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 56 Resp: 96136

Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.0	0.0#
84	78.9	73.9	110.9

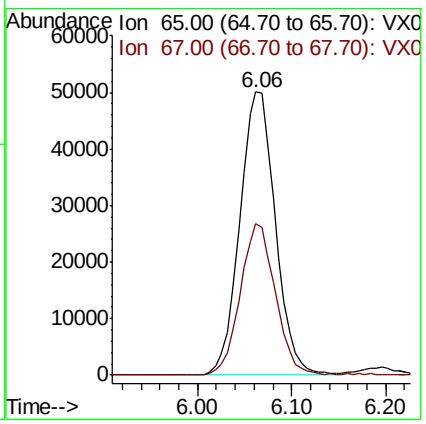




#27
1,2-Dichloroethane-d4
Concen: 30.000 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

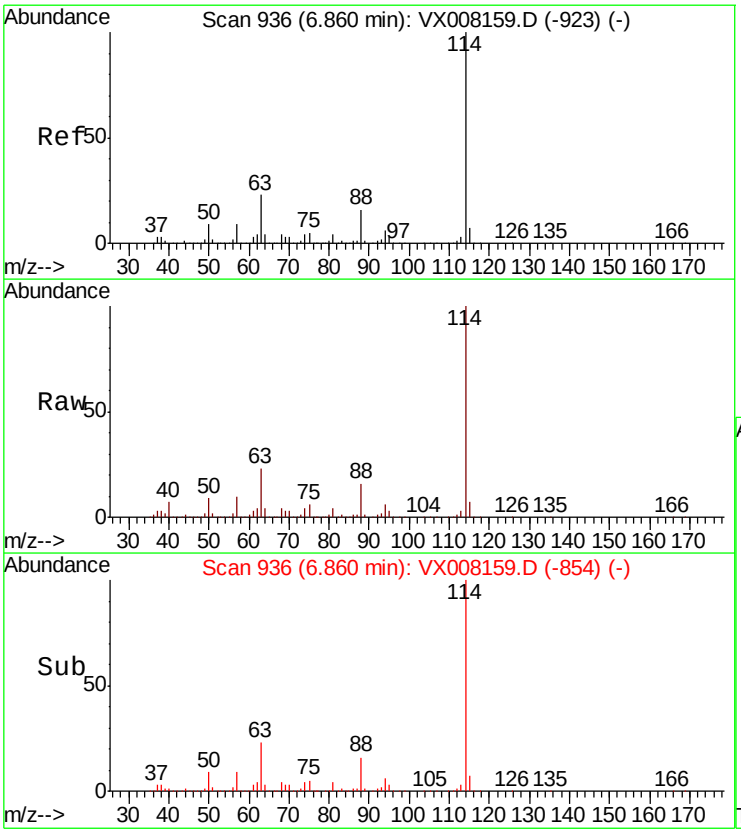
Tgt Ion: 65 Resp: 131808

Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.9	64.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

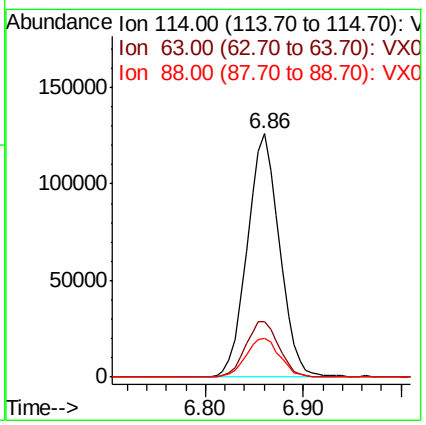
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

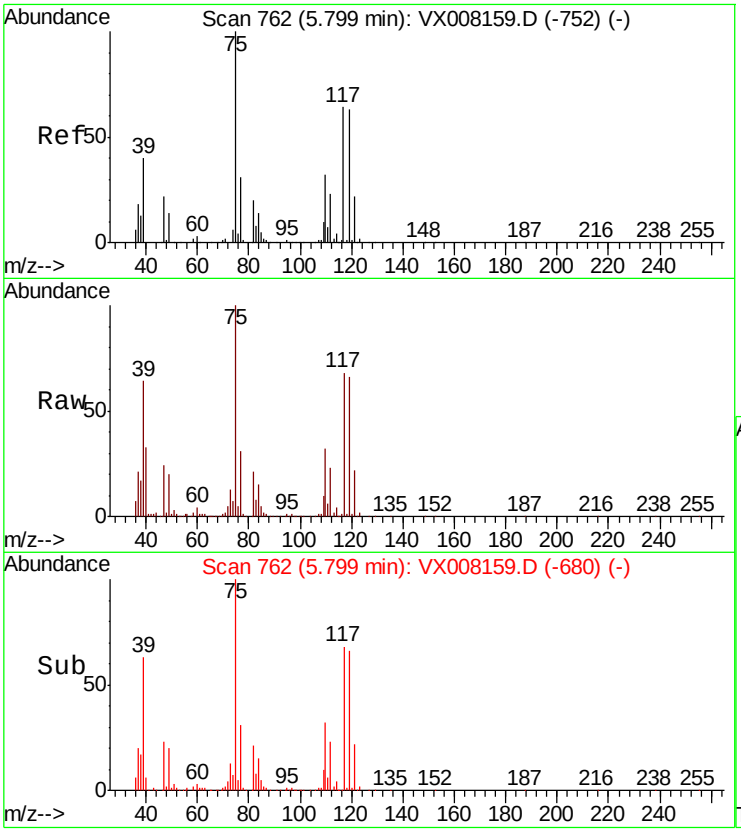


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:114 Resp: 288814

Ion	Ratio	Lower	Upper
114	100		
63	23.3	14.2	21.4#
88	16.7	11.9	17.9

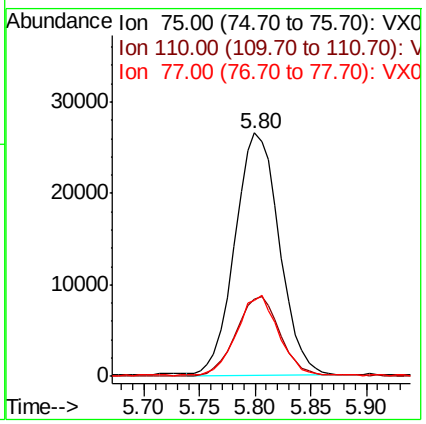




#29
1,1-Dichloropropene
Concen: 20.000 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

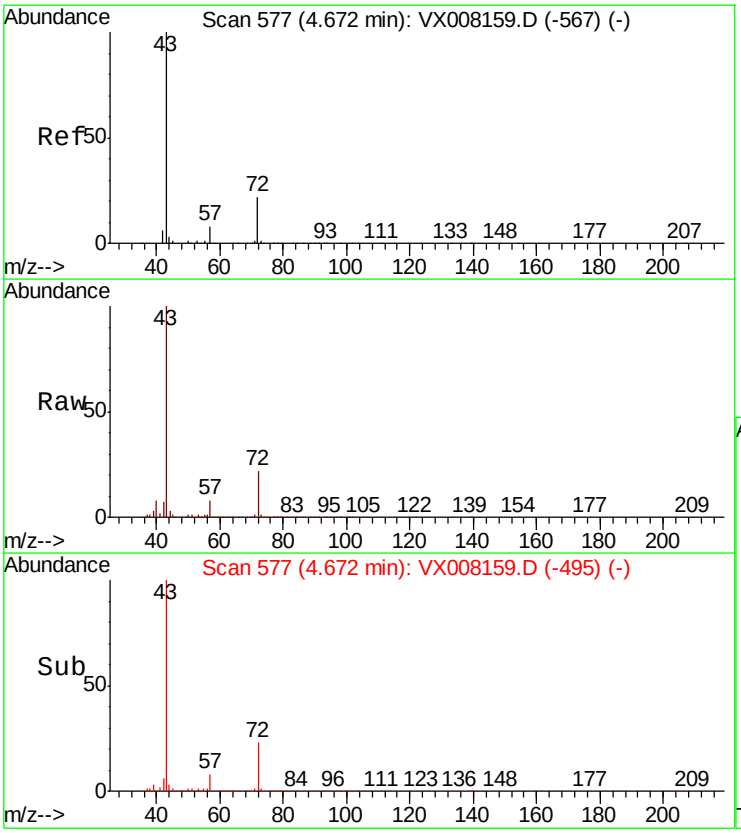
Tgt Ion: 75 Resp: 73713

Ion	Ratio	Lower	Upper
75	100		
110	32.7	0.0	80.8
77	31.0	0.0	62.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

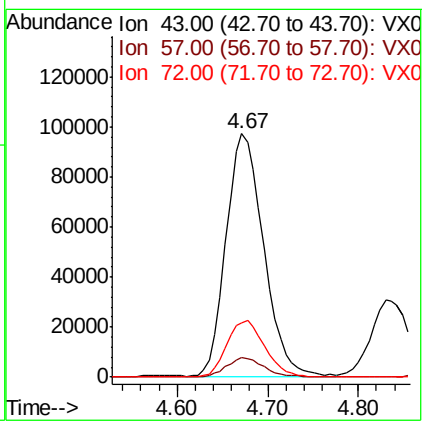
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

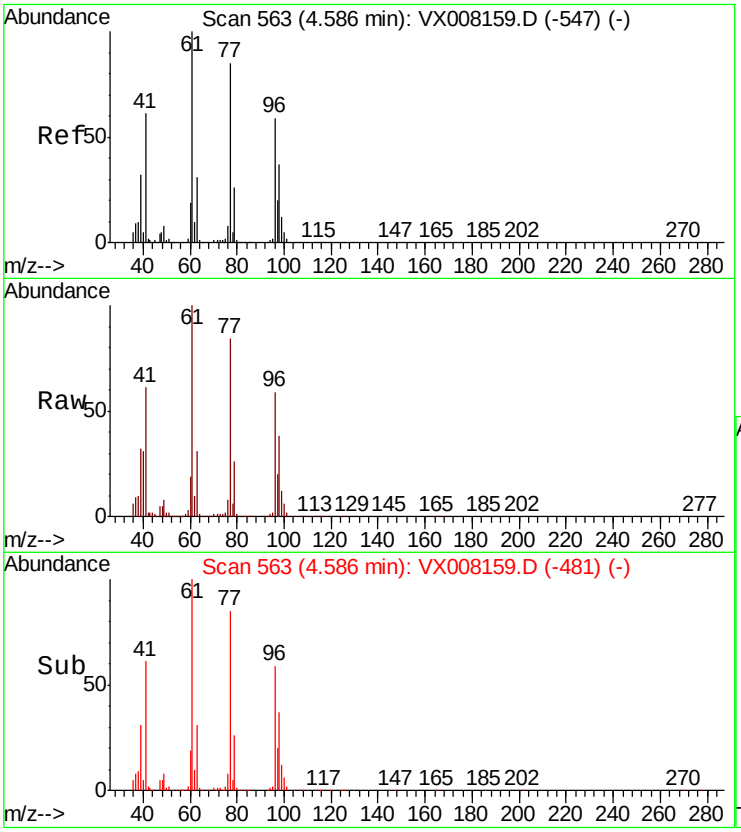


#30
2-Butanone
Concen: 100.000 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 43 Resp: 278741

Ion	Ratio	Lower	Upper
43	100		
57	7.9	7.0	10.6
72	23.5	21.5	32.3





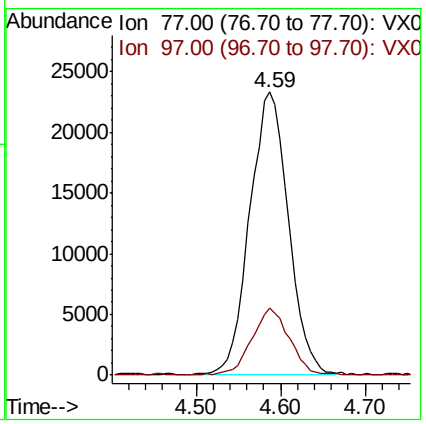
#31
2,2-Dichloropropane
Concen: 20.000 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

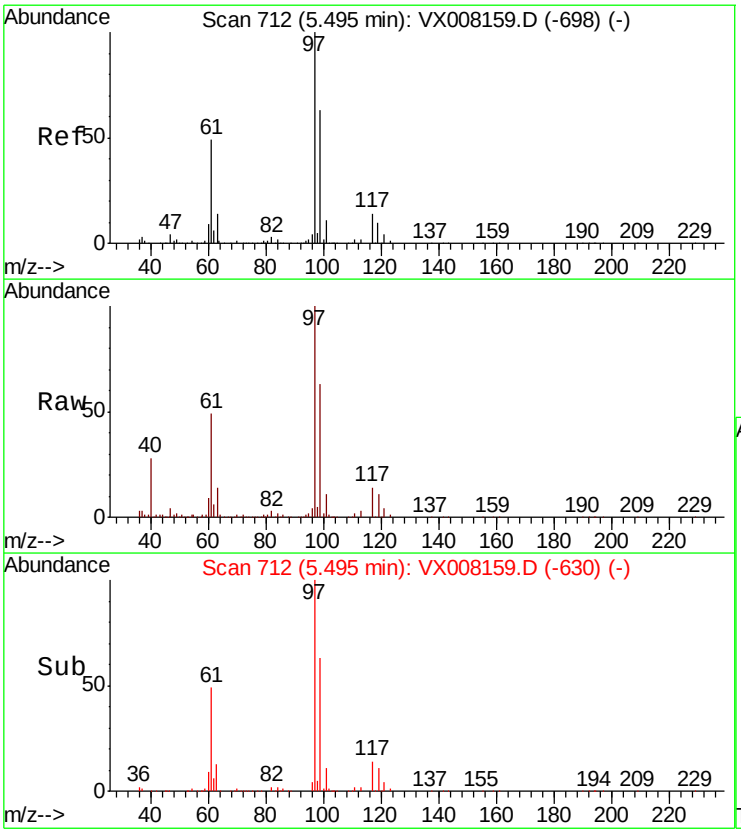
Tgt Ion: 77 Resp: 73633

Ion	Ratio	Lower	Upper
77	100		
97	22.9	20.6	31.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

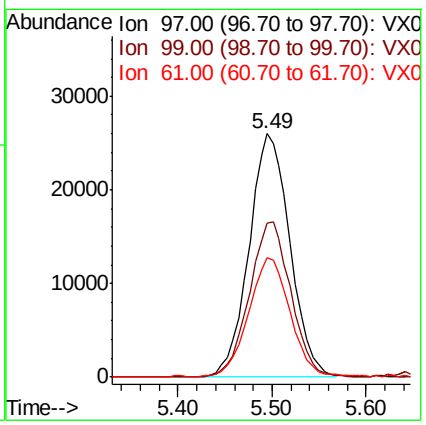


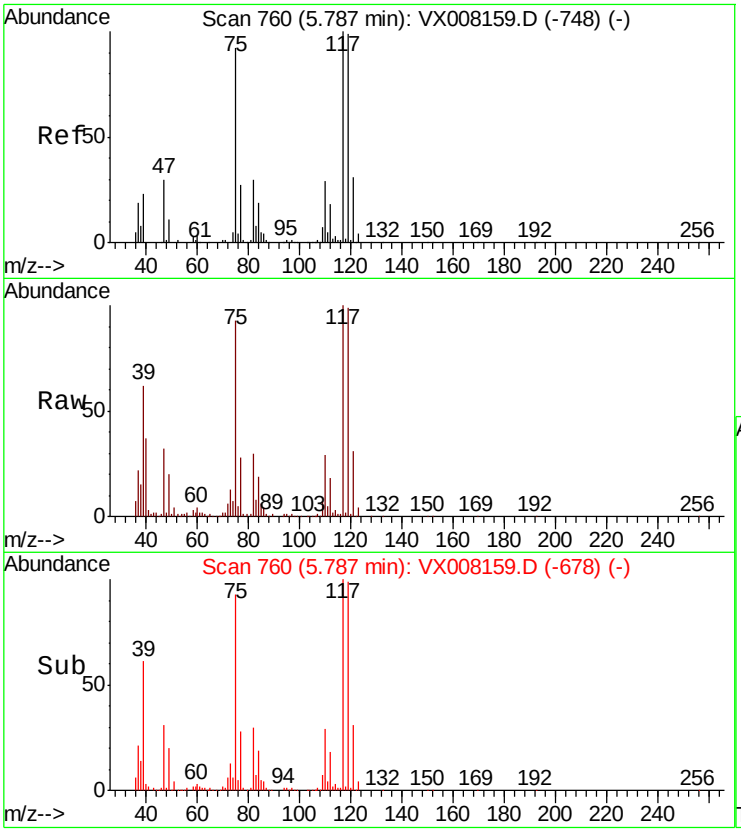


#32
1,1,1-Trichloroethane
Concen: 20.000 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 97 Resp: 78986

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	49.9	32.8	49.2#

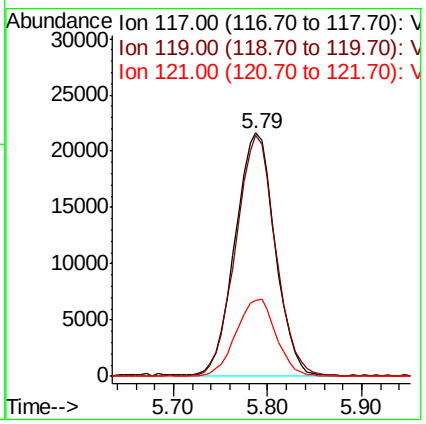




#33
Carbon Tetrachloride
Concen: 20.000 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

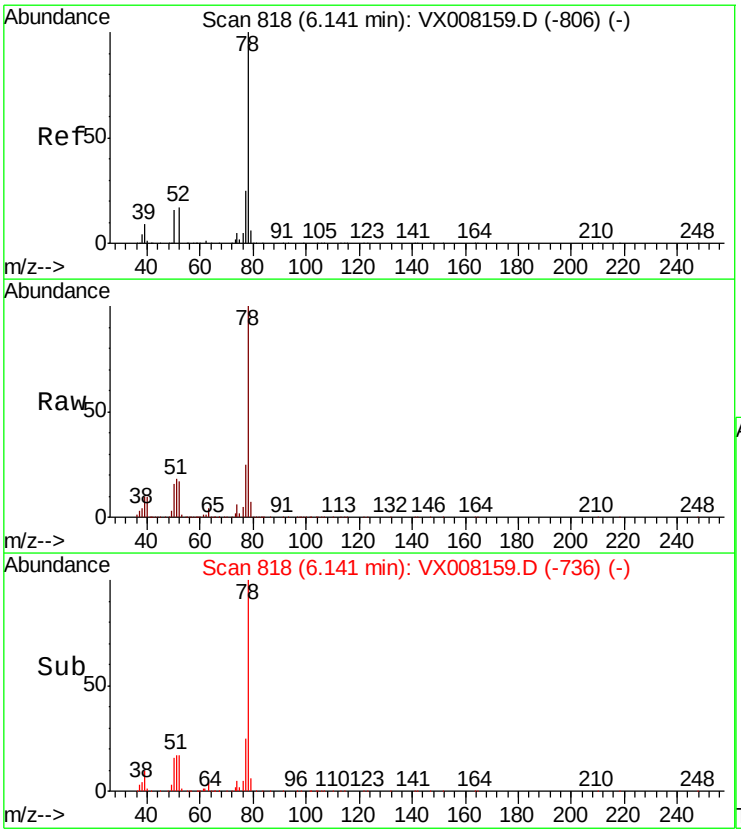
Tgt Ion:117 Resp: 64501

Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.1	117.1
121	31.1	27.0	40.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

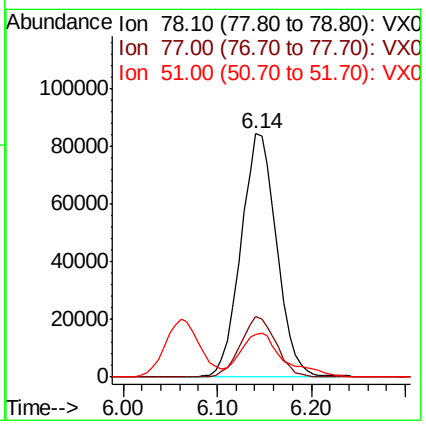
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

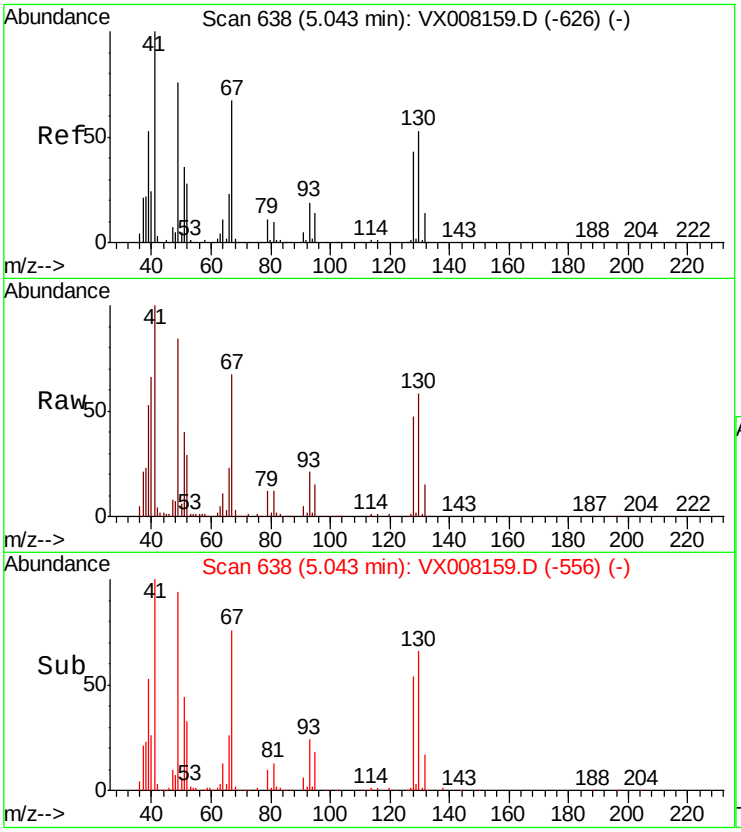


#34
Benzene
Concen: 20.000 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 78 Resp: 224492

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7
51	16.7	10.8	16.2#

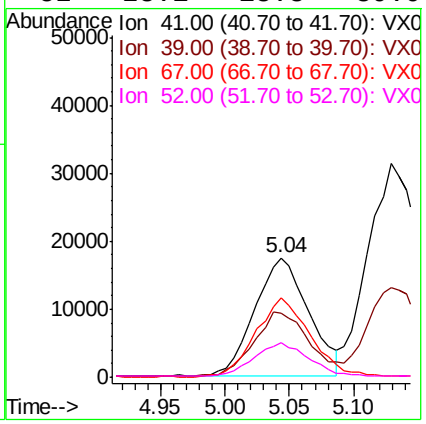




#35
Methacrylonitrile
Concen: 20.000 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

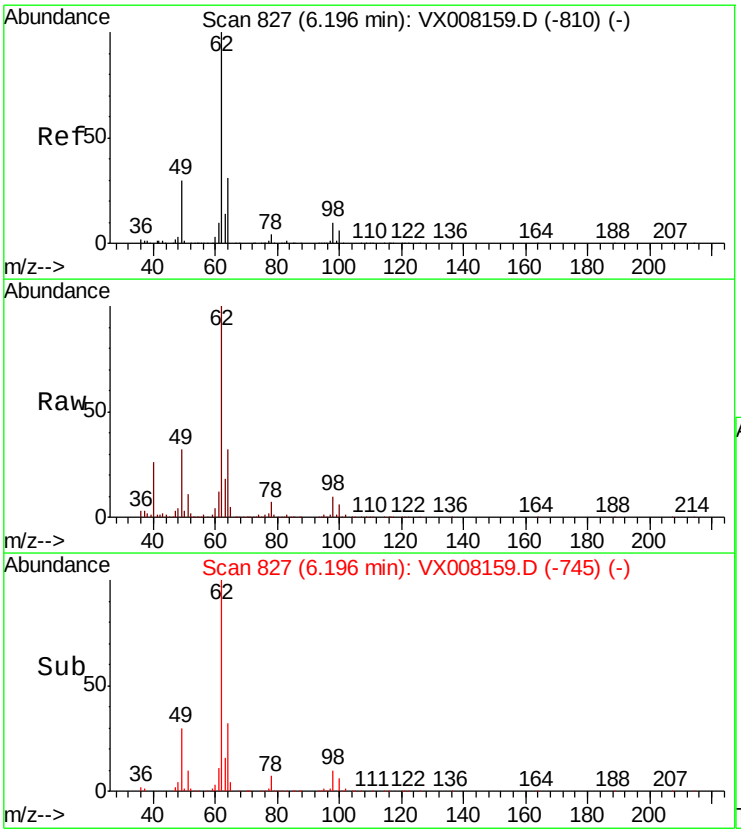
Tgt Ion: 41 Resp: 50836

Ion	Ratio	Lower	Upper
41	100		
39	53.0	27.4	82.0
67	66.9	37.9	113.6
52	28.1	13.3	39.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

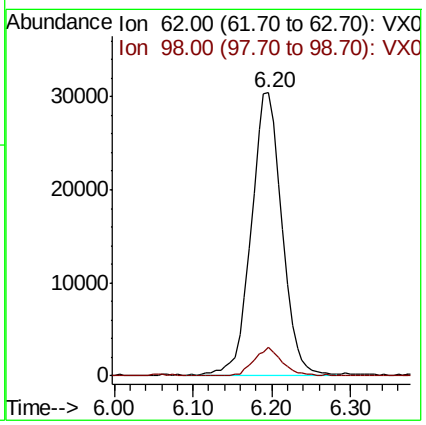
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

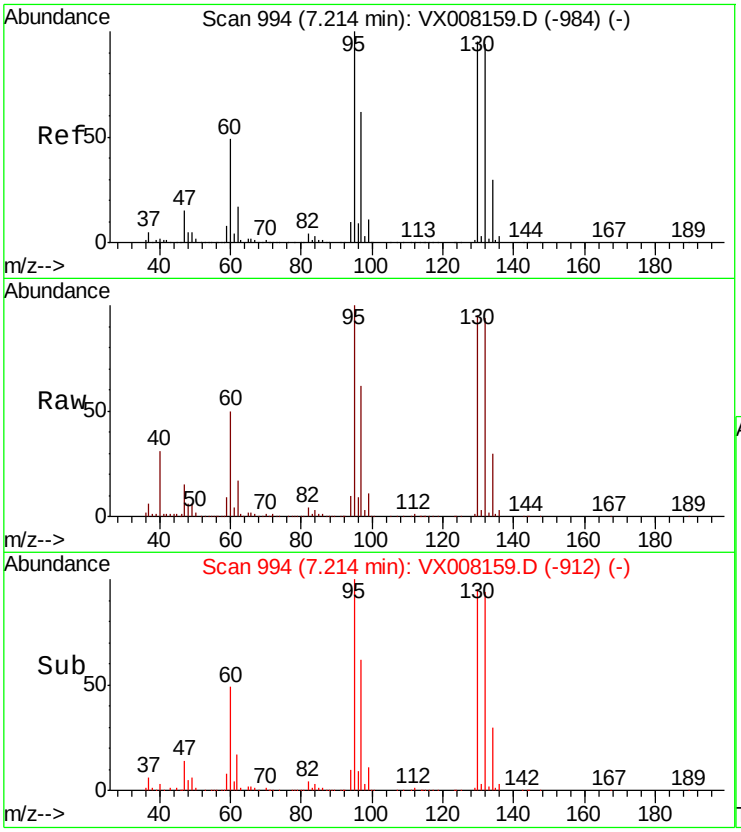


#36
1,2-Dichloroethane
Concen: 20.000 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 62 Resp: 82583

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.8	11.8

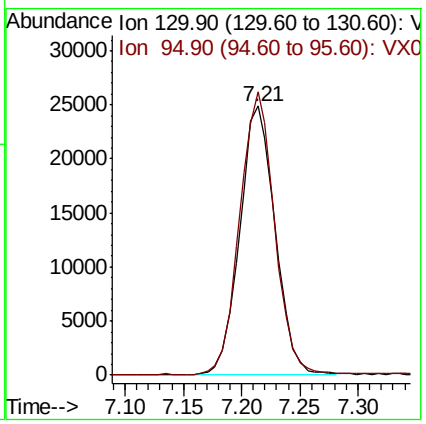




#37
Trichloroethene
Concen: 20.000 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

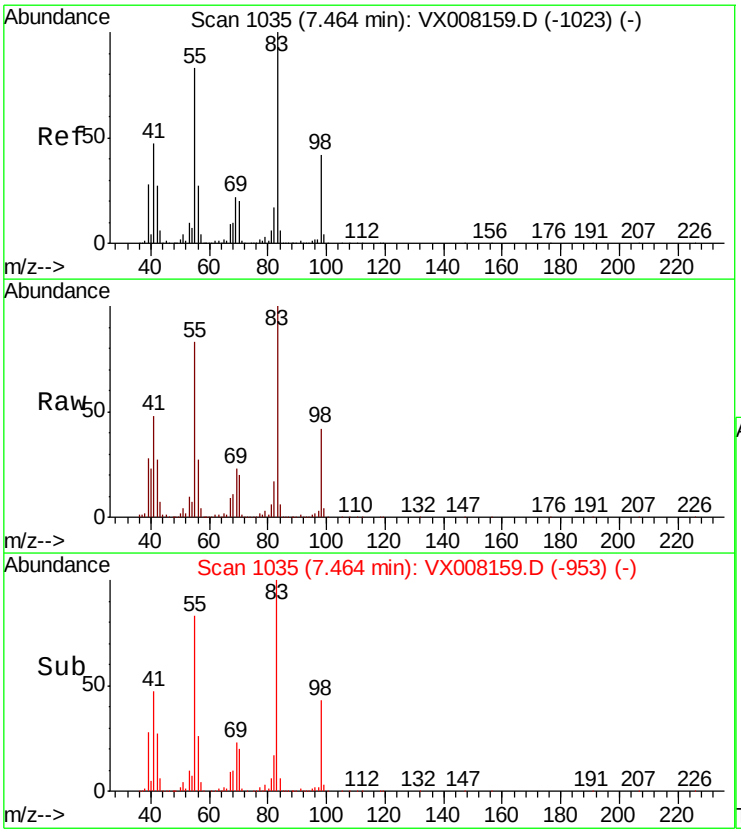
Tgt Ion:130 Resp: 52860

Ion	Ratio	Lower	Upper
130	100		
95	105.2	71.3	106.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

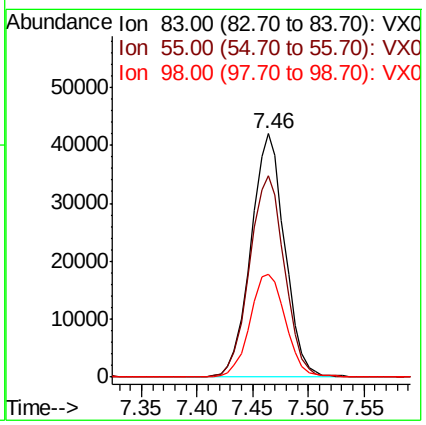
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

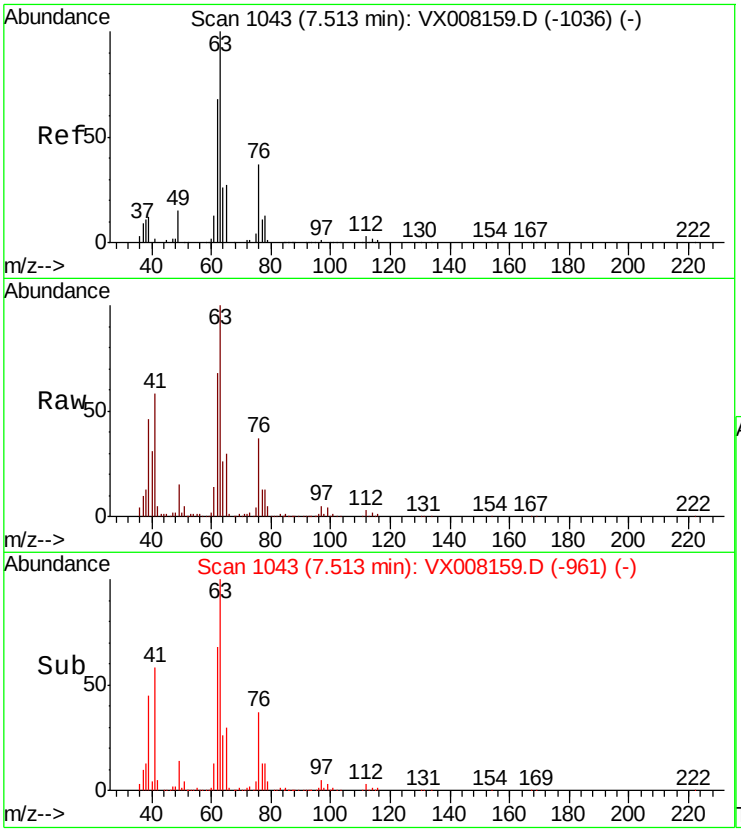


#38
Methylcyclohexane
Concen: 20.000 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 83 Resp: 88956

Ion	Ratio	Lower	Upper
83	100		
55	84.7	36.0	108.0
98	44.8	23.8	71.4

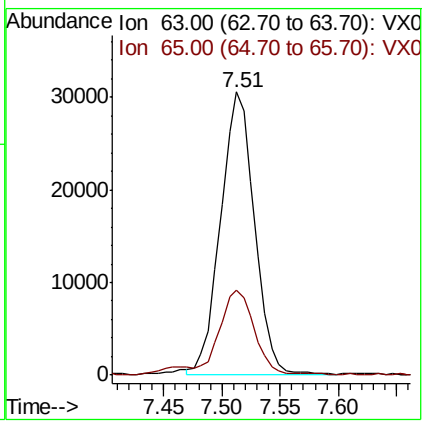




#39
1,2-Dichloropropane
Concen: 20.000 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

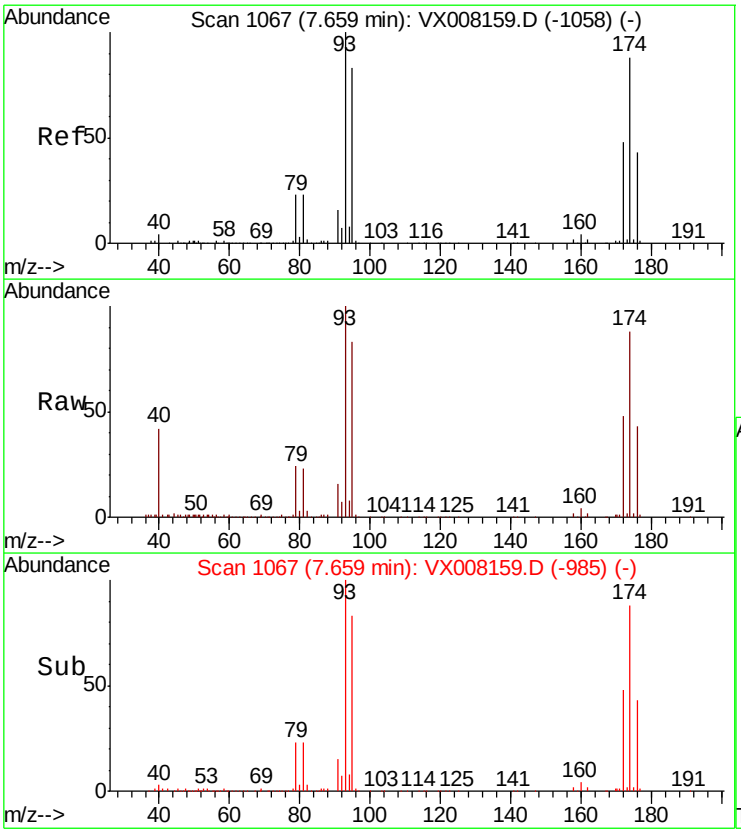
Tgt Ion: 63 Resp: 61043

Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

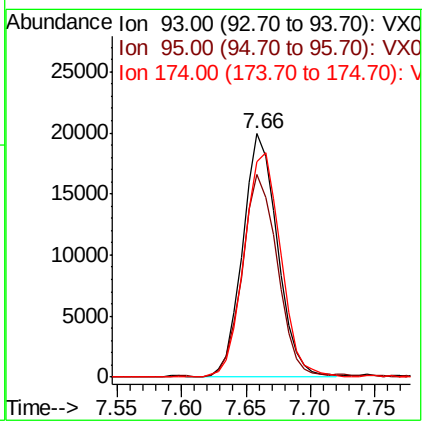
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

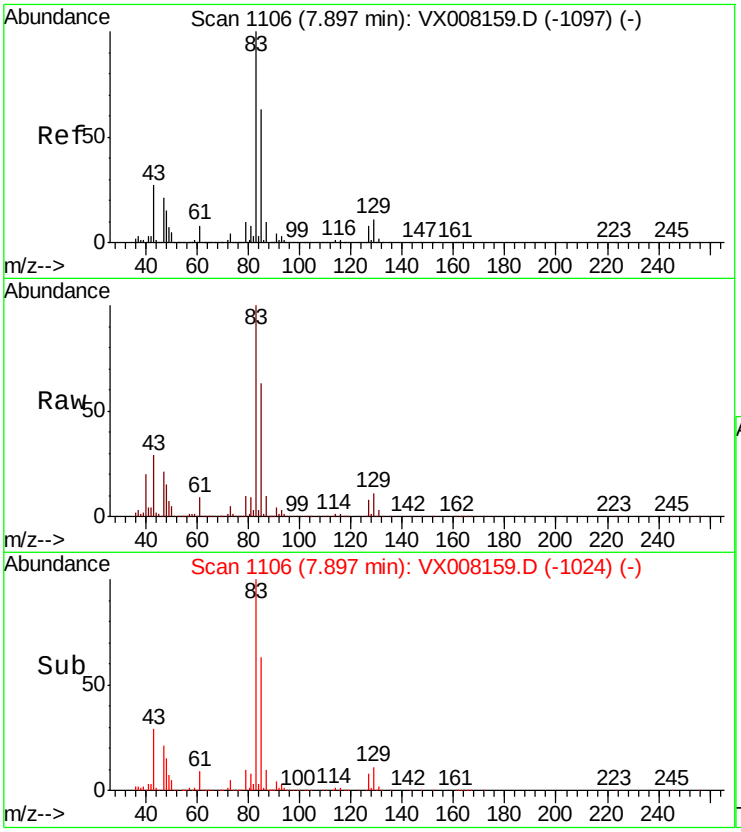


#40
Dibromomethane
Concen: 20.000 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 93 Resp: 37312

Ion	Ratio	Lower	Upper
93	100		
95	84.0	0.0	158.8
174	96.9	0.0	224.2

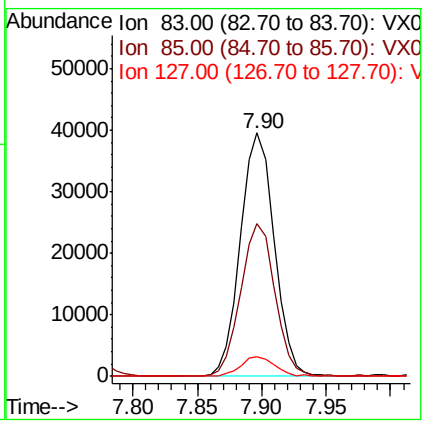




#41
Bromodichloromethane
Concen: 20.000 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

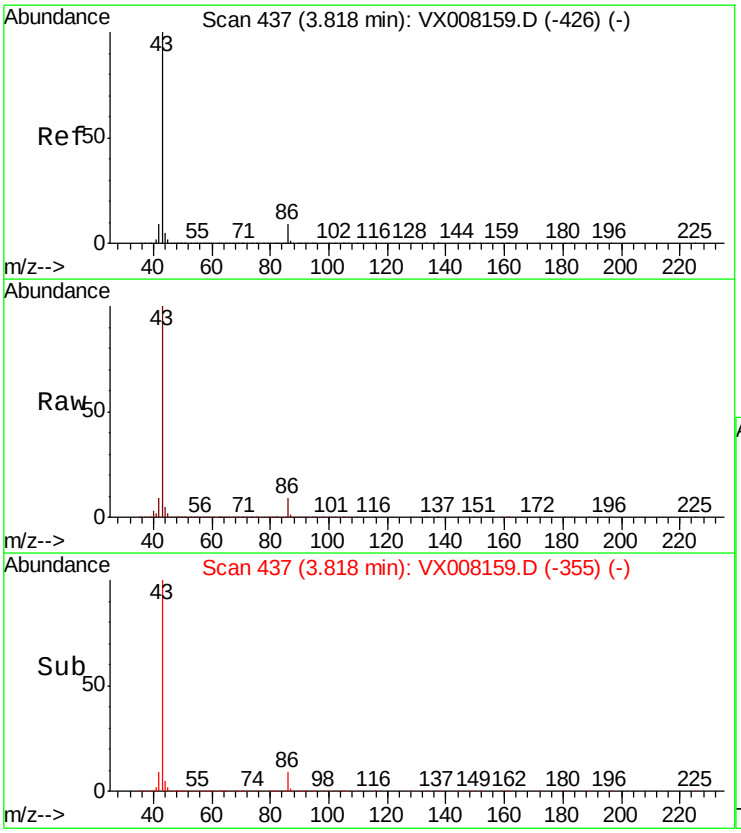
Tgt Ion: 83 Resp: 71700

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7
127	8.3	7.2	10.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

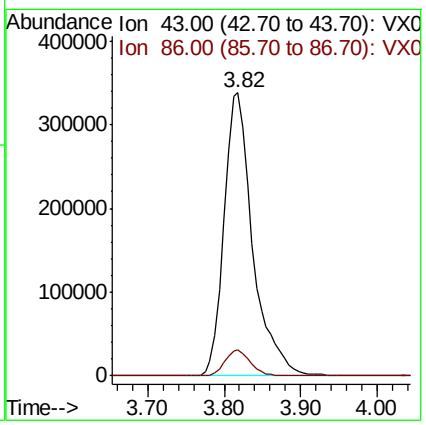
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

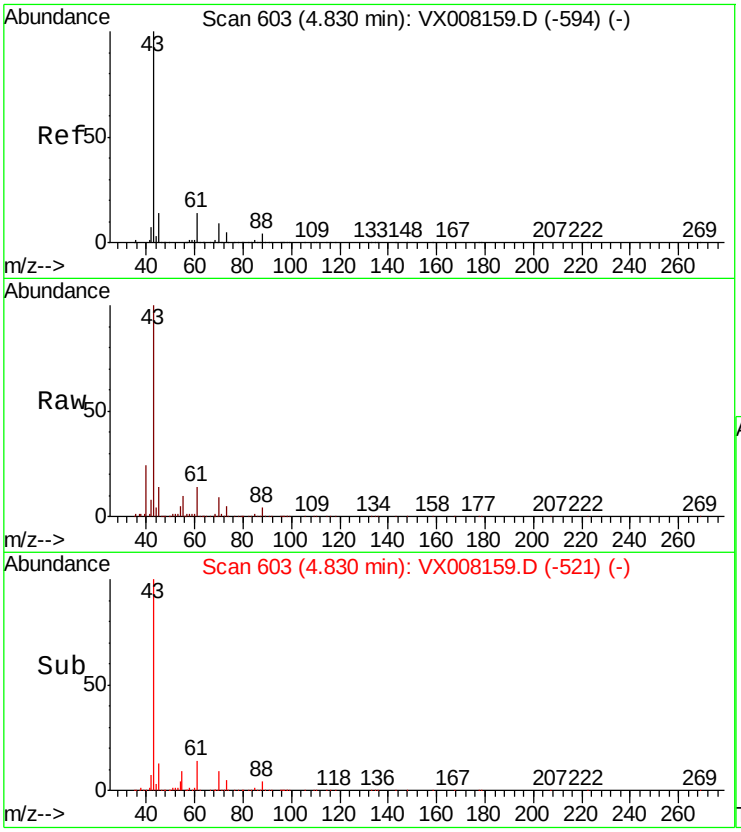


#42
Vinyl Acetate
Concen: 100.000 ug/l
RT: 3.82 min Scan# 437
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 43 Resp: 876306

Ion	Ratio	Lower	Upper
43	100		
86	8.2	8.2	12.2

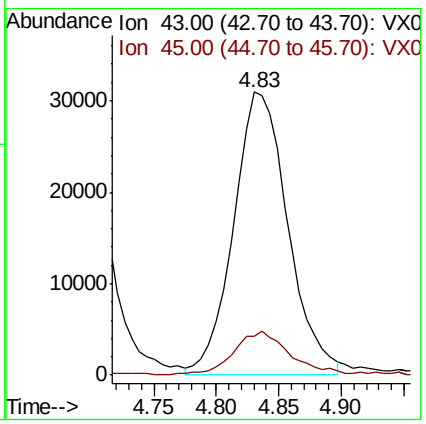




#43
Ethyl Acetate
Concen: 19.620 ug/l m
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

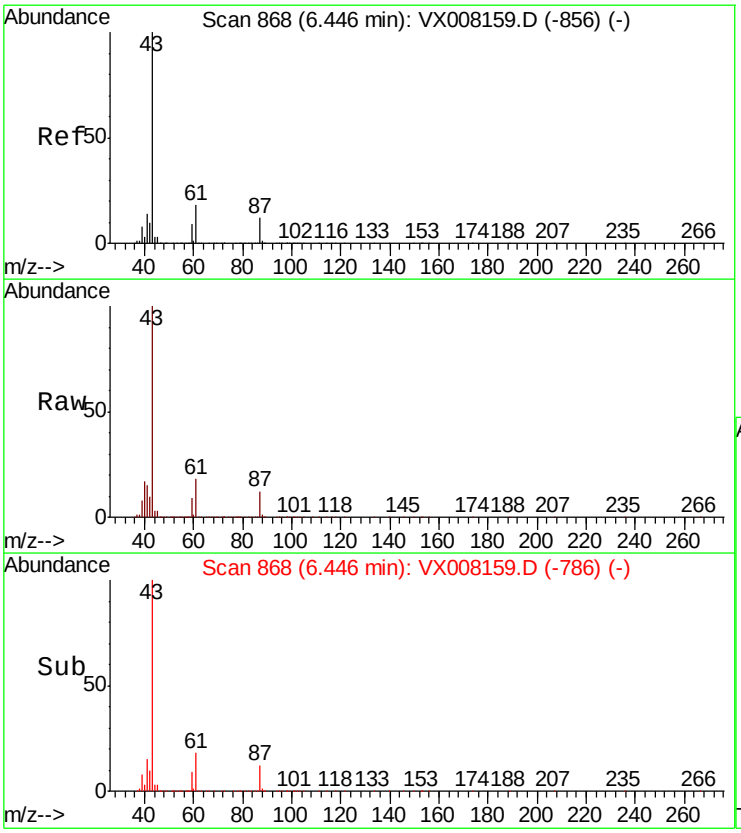
Tgt Ion: 43 Resp: 93623

Ion	Ratio	Lower	Upper
43	100		
45	0.0	6.9	10.3#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

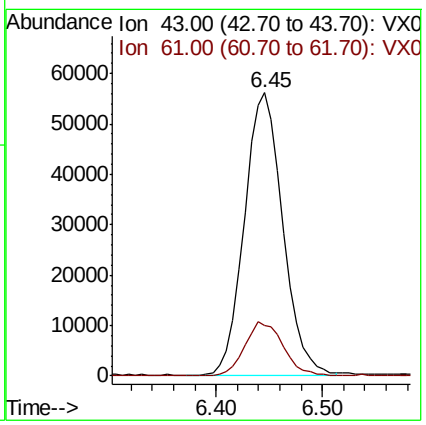
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

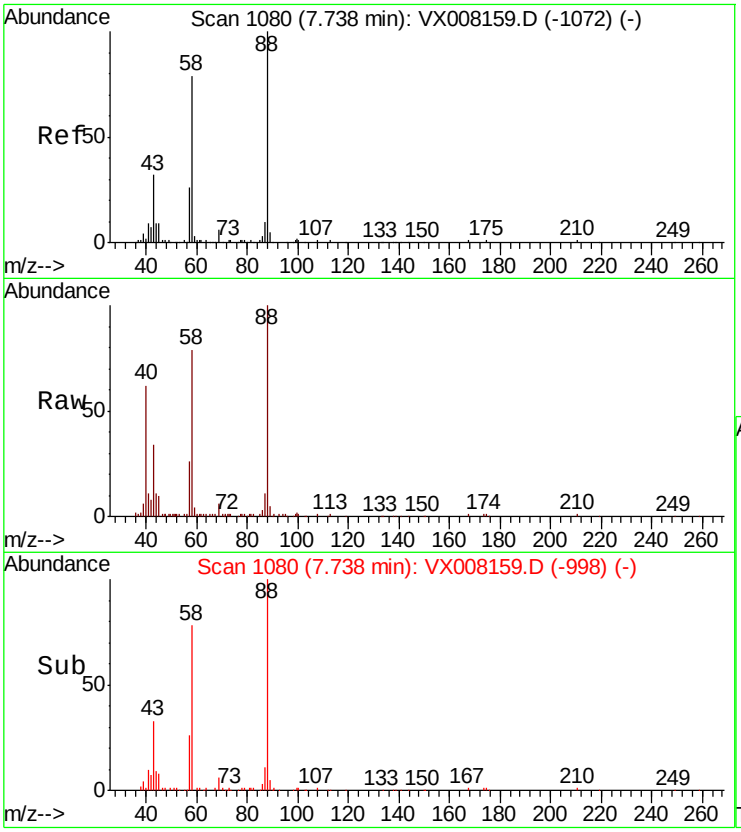


#44
Isopropyl Acetate
Concen: 20.000 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 43 Resp: 141791

Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.1	24.1

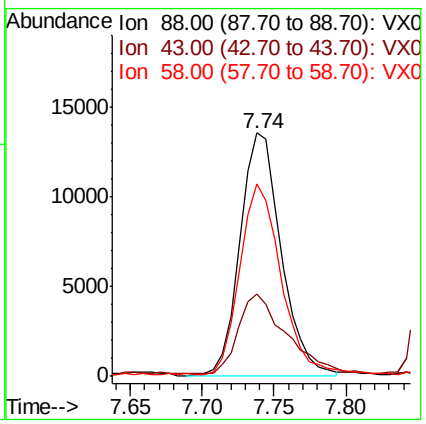




#45
1,4-Dioxane
Concen: 400.000 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

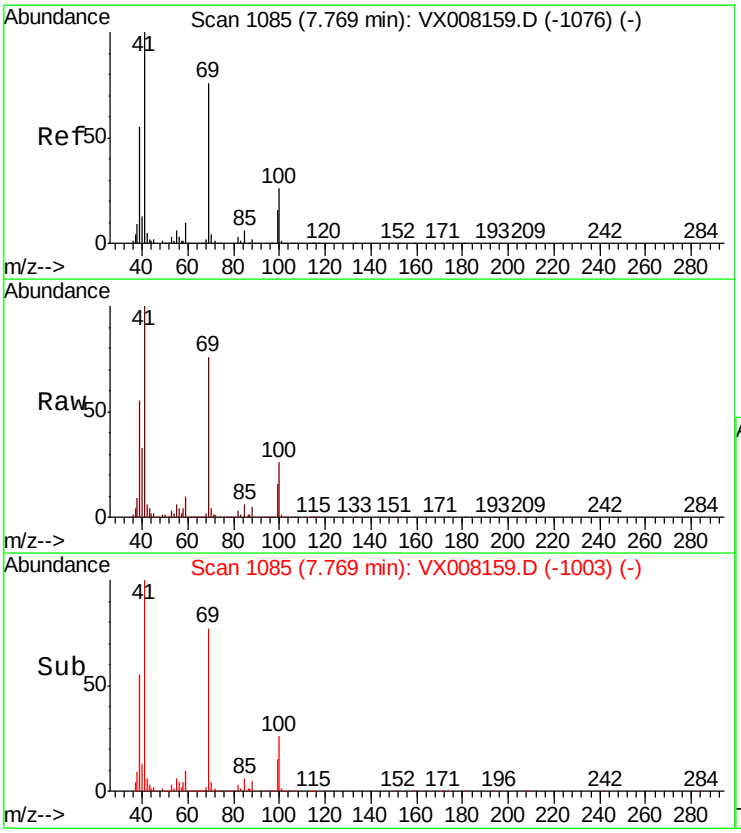
Tgt Ion: 88 Resp: 26999

Ion	Ratio	Lower	Upper
88	100		
43	36.8	23.6	35.4#
58	78.9	51.6	77.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

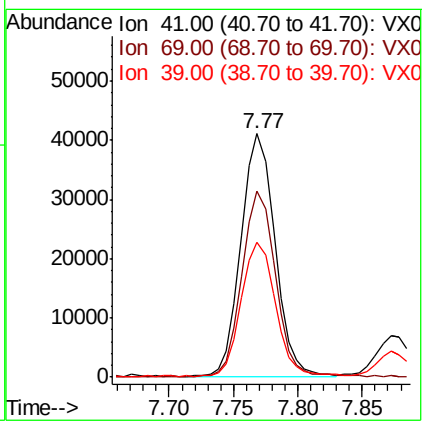
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

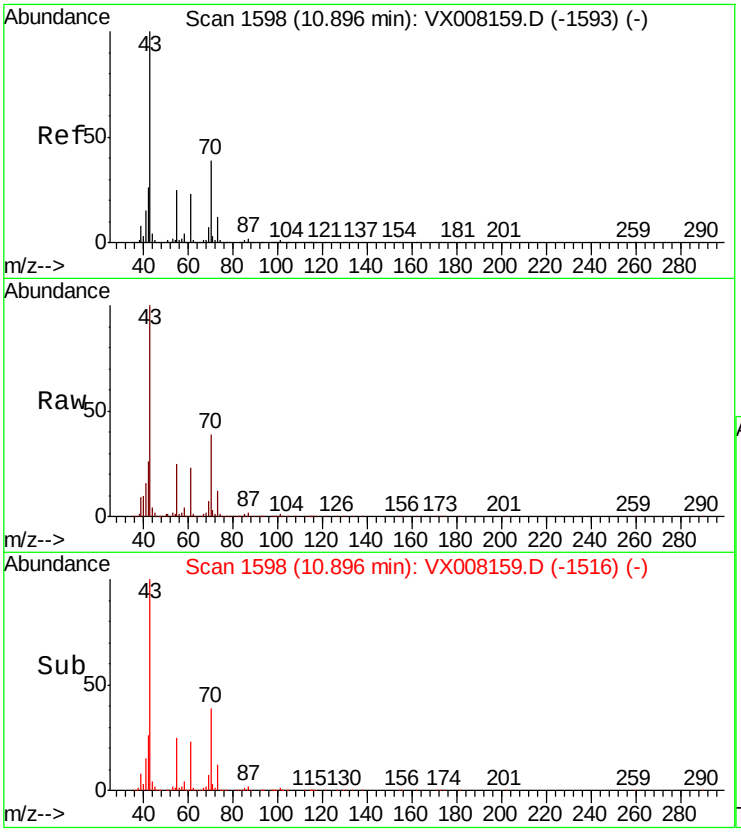


#46
Methyl methacrylate
Concen: 20.000 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 41 Resp: 75273

Ion	Ratio	Lower	Upper
41	100		
69	76.1	44.2	132.6
39	55.0	29.9	89.8





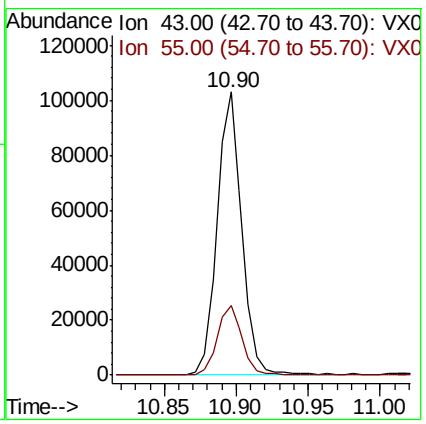
#47
n-amyl Acetate
Concen: 20.000 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

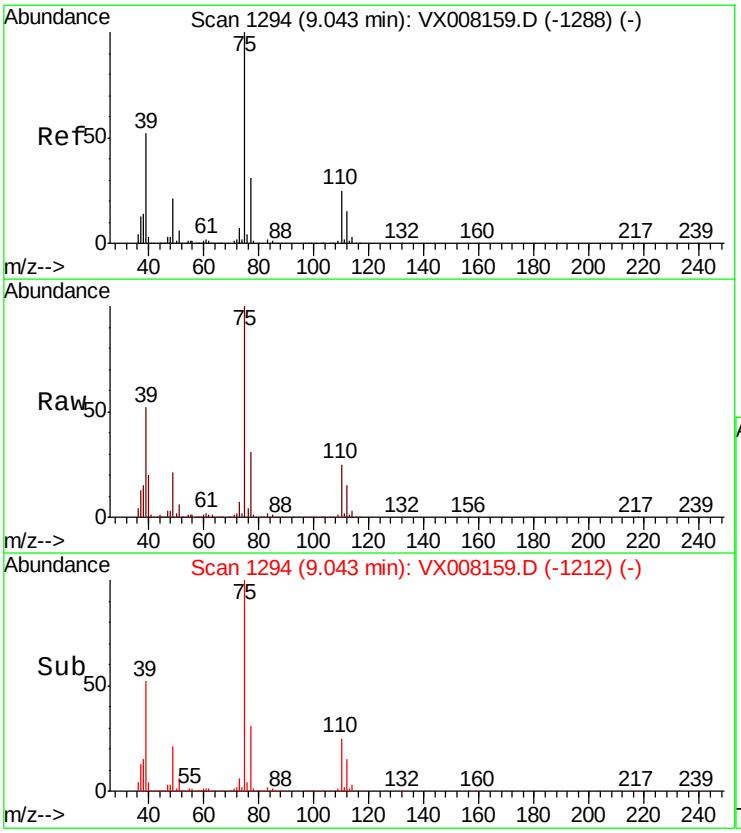
Tgt Ion: 43 Resp: 122865

Ion	Ratio	Lower	Upper
43	100		
55	24.7	20.8	31.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

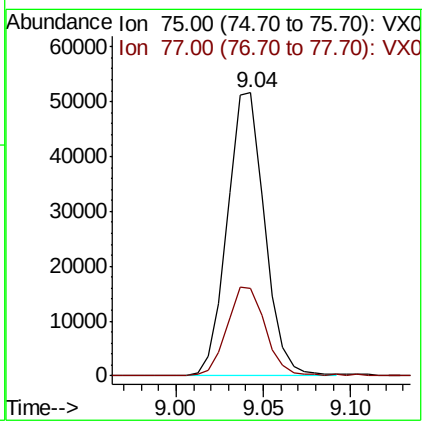


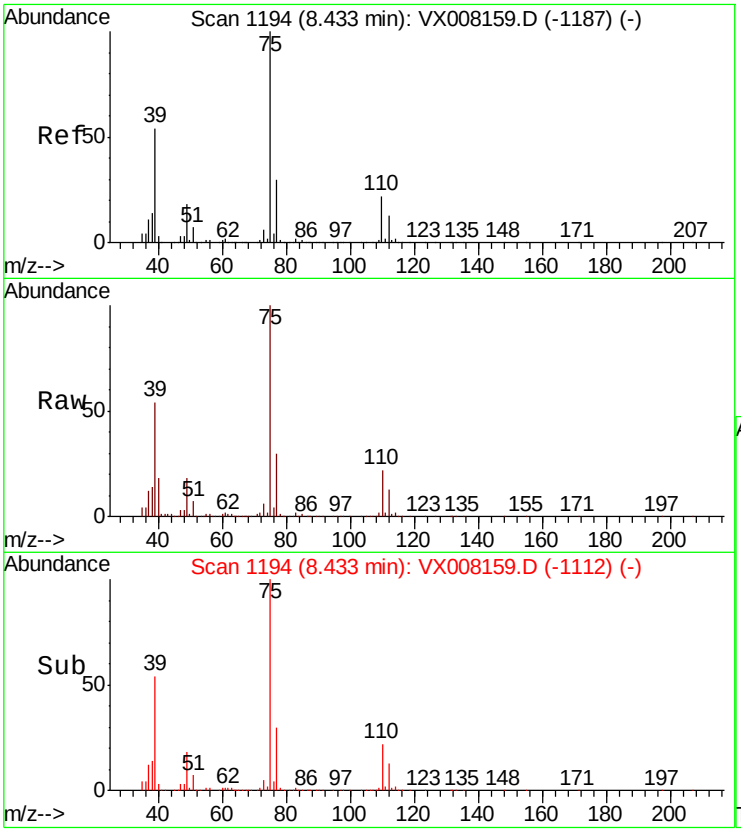


#48
t-1,3-Dichloropropene
Concen: 20.000 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 75 Resp: 76104

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.5	36.7

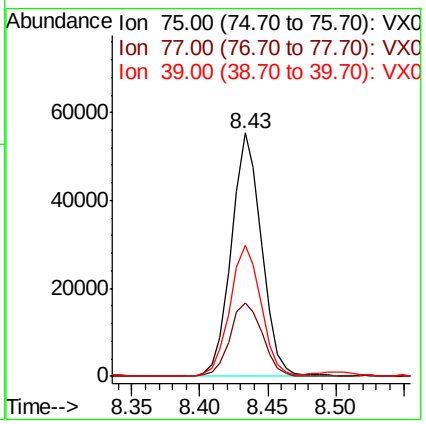




#49
cis-1,3-Dichloropropene
Concen: 20.000 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

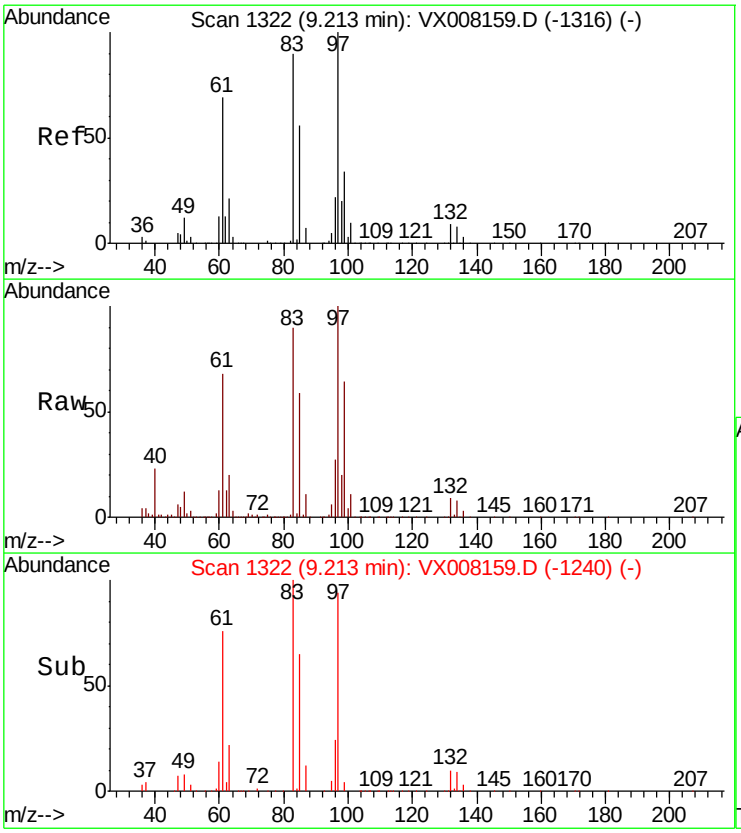
Tgt Ion: 75 Resp: 85543

Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.0	37.4
39	53.6	38.5	57.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

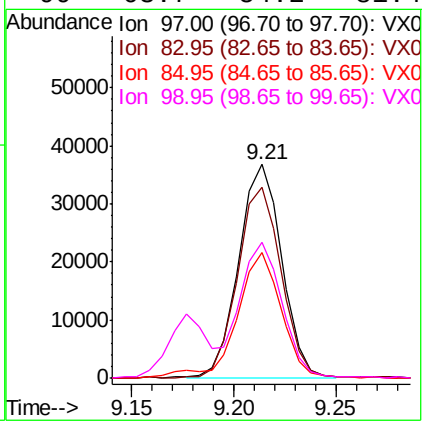
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

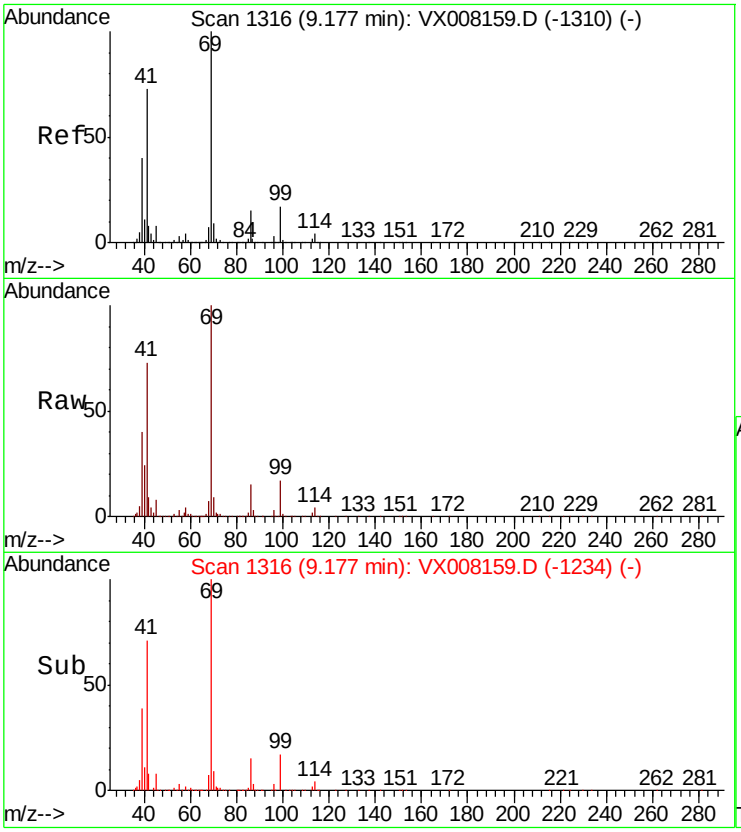


#50
1,1,2-Trichloroethane
Concen: 20.000 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 97 Resp: 53698

Ion	Ratio	Lower	Upper
97	100		
83	89.9	72.0	108.0
85	58.7	45.0	67.6
99	63.7	54.2	81.4

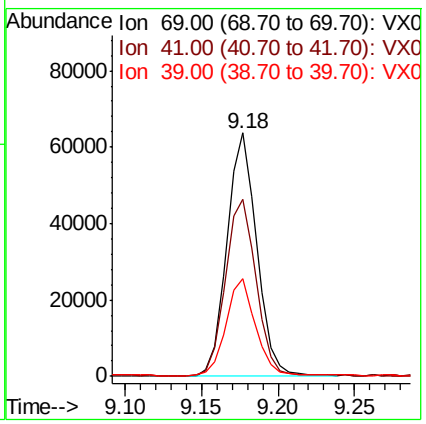




#51
Ethyl methacrylate
Concen: 20.000 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

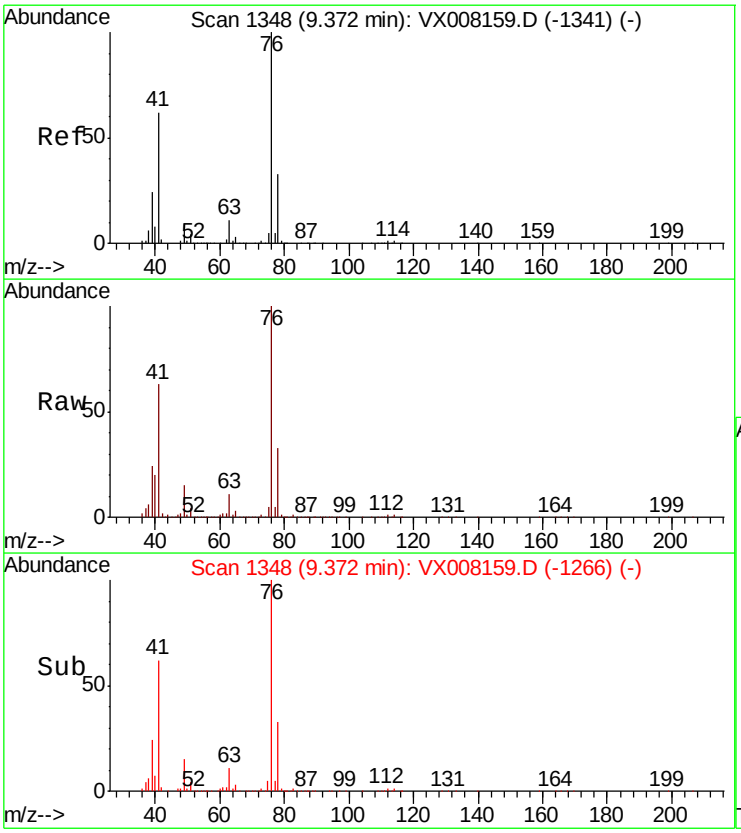
Tgt Ion: 69 Resp: 85767

Ion	Ratio	Lower	Upper
69	100		
41	72.6	32.1	96.5
39	39.8	18.8	56.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

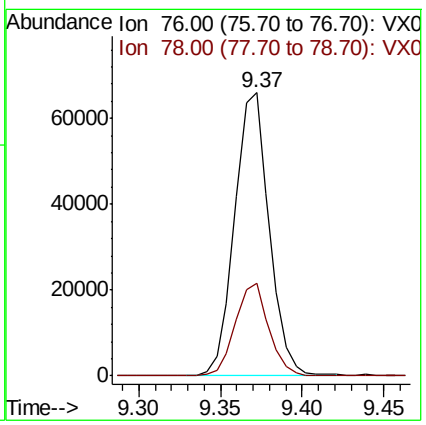
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

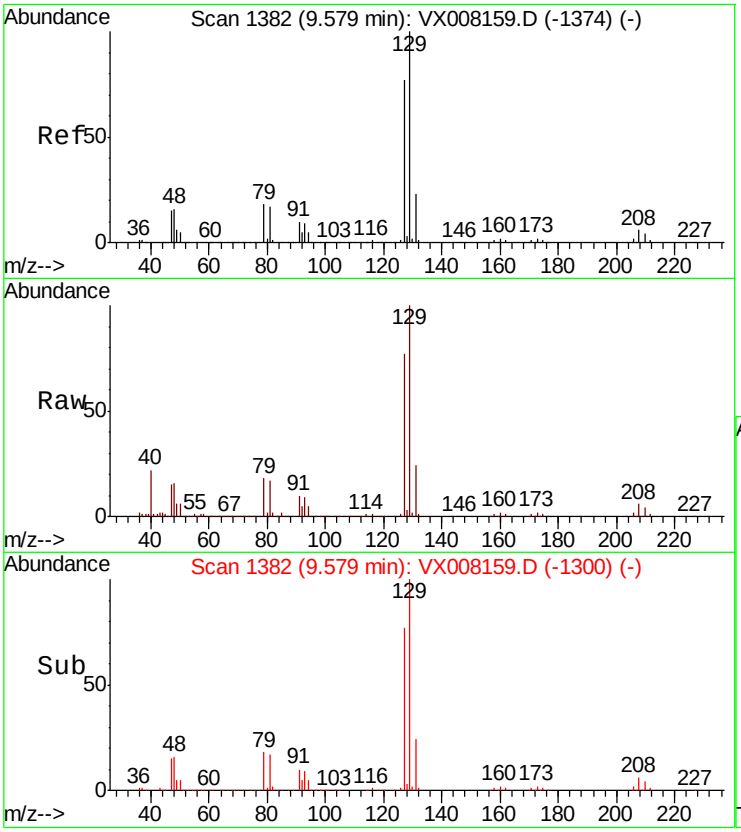


#52
1,3-Dichloropropane
Concen: 20.000 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 76 Resp: 97702

Ion	Ratio	Lower	Upper
76	100		
78	31.4	0.0	65.2

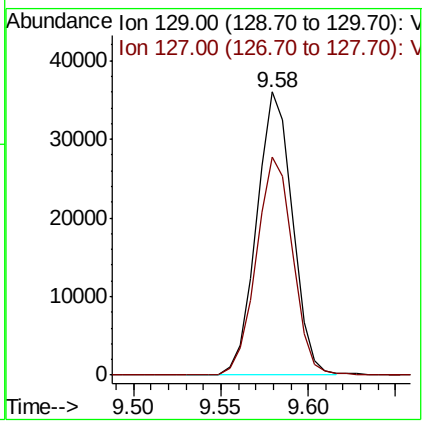




#53
Dibromochloromethane
Concen: 20.000 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

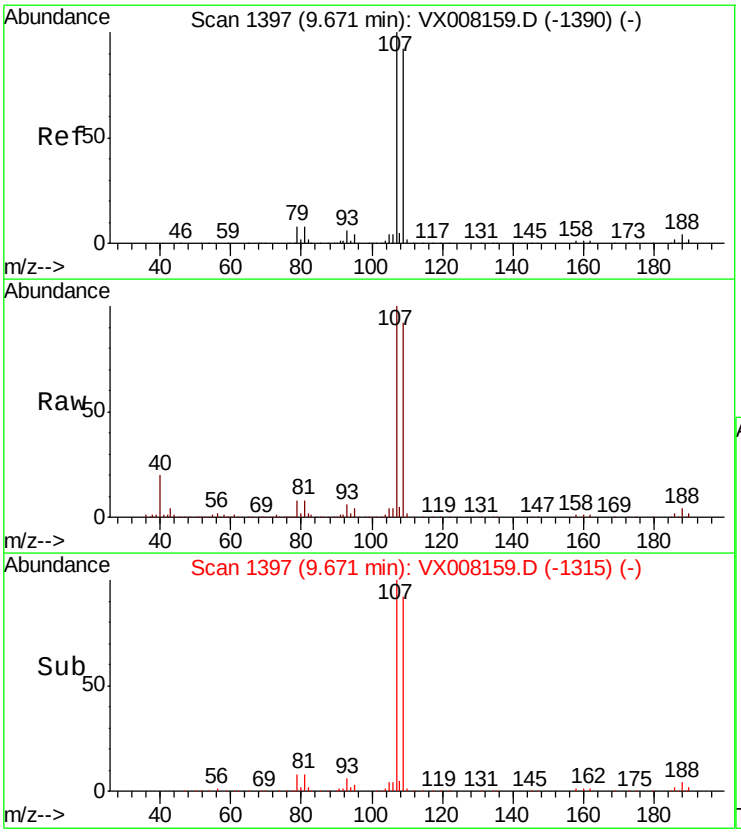
Tgt Ion:129 Resp: 51269

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

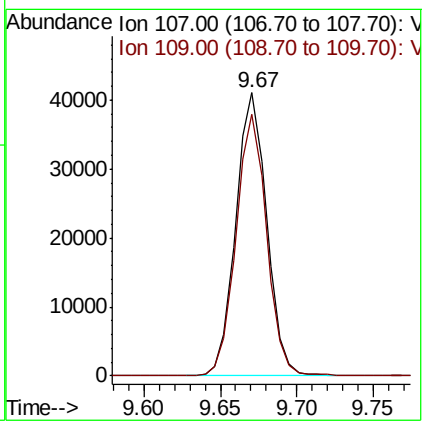
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

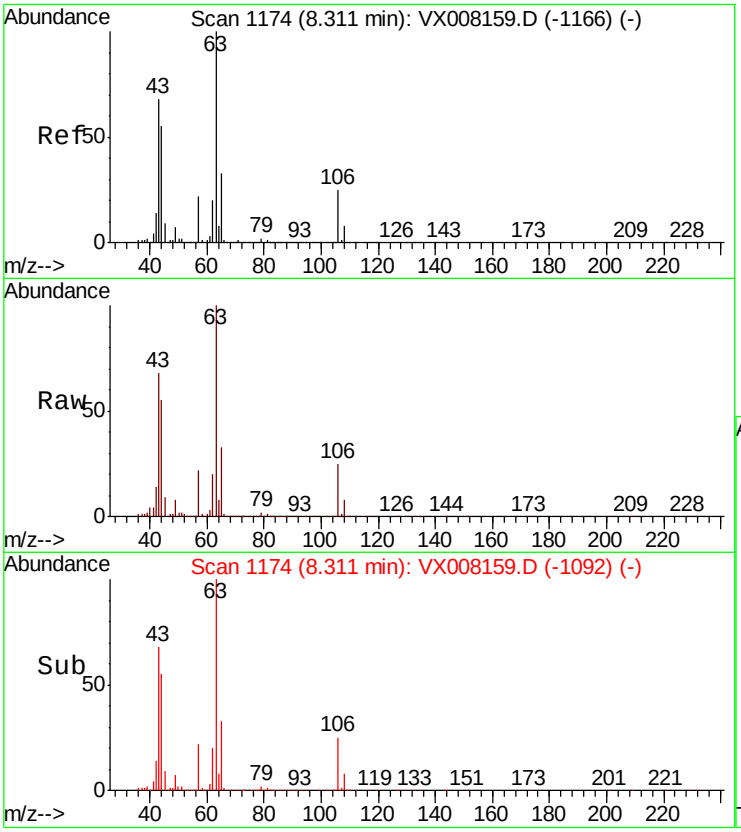


#54
1,2-Dibromoethane
Concen: 20.000 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:107 Resp: 57511

Ion	Ratio	Lower	Upper
107	100		
109	90.9	76.6	115.0

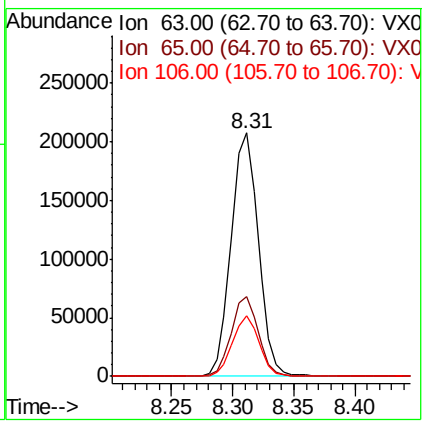




#55
2-Chloroethyl vinyl ether
Concen: 100.000 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

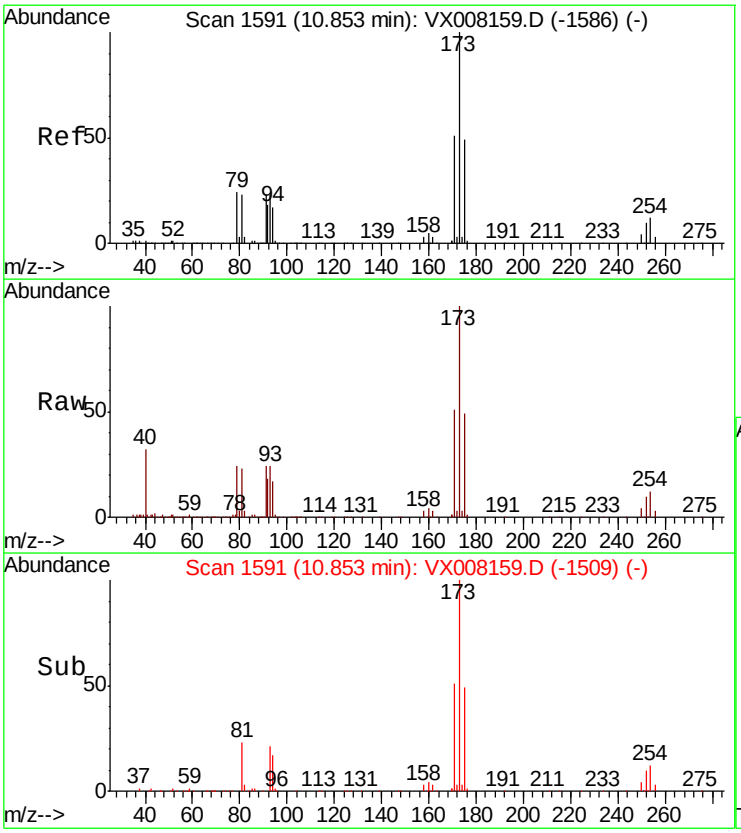
Tgt Ion: 63 Resp: 319991

Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	24.4	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

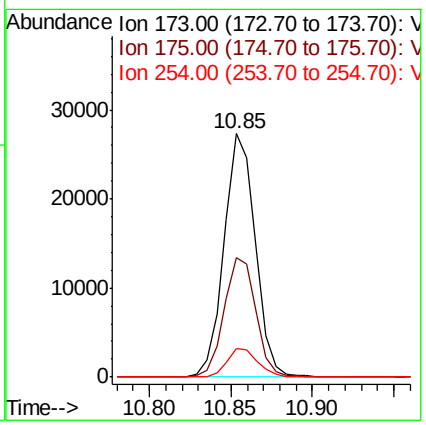
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

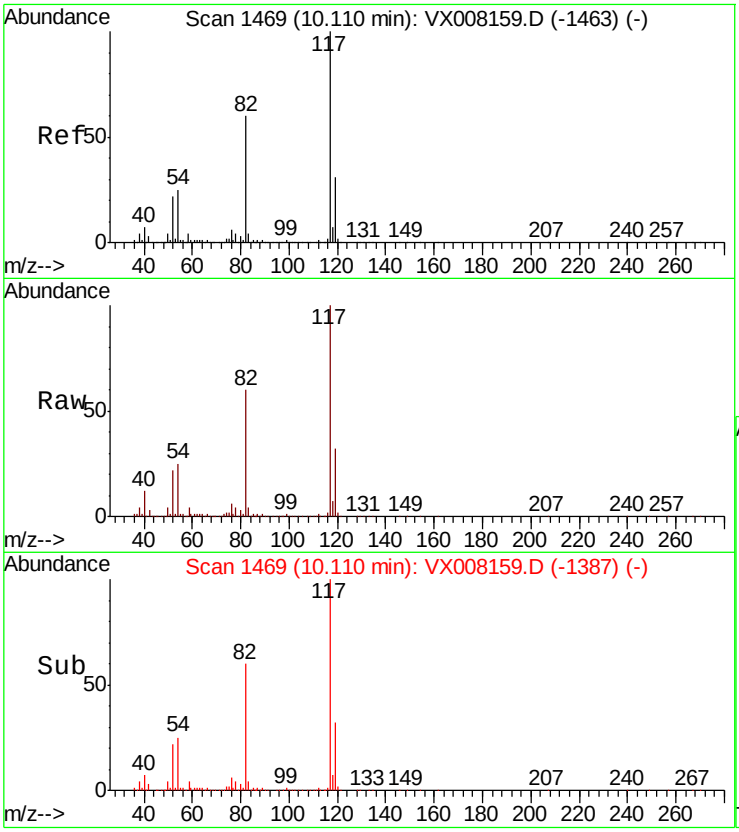


#56
Bromoform
Concen: 20.000 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:173 Resp: 36355

Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.5	57.7
254	11.7	7.4	11.2#

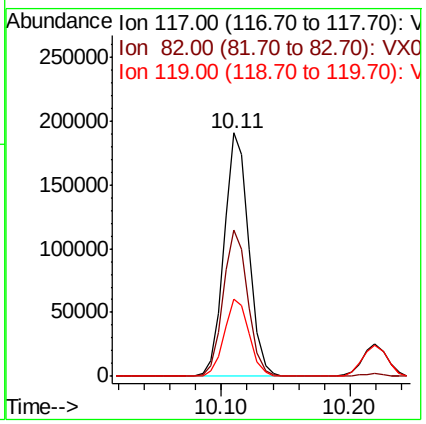




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

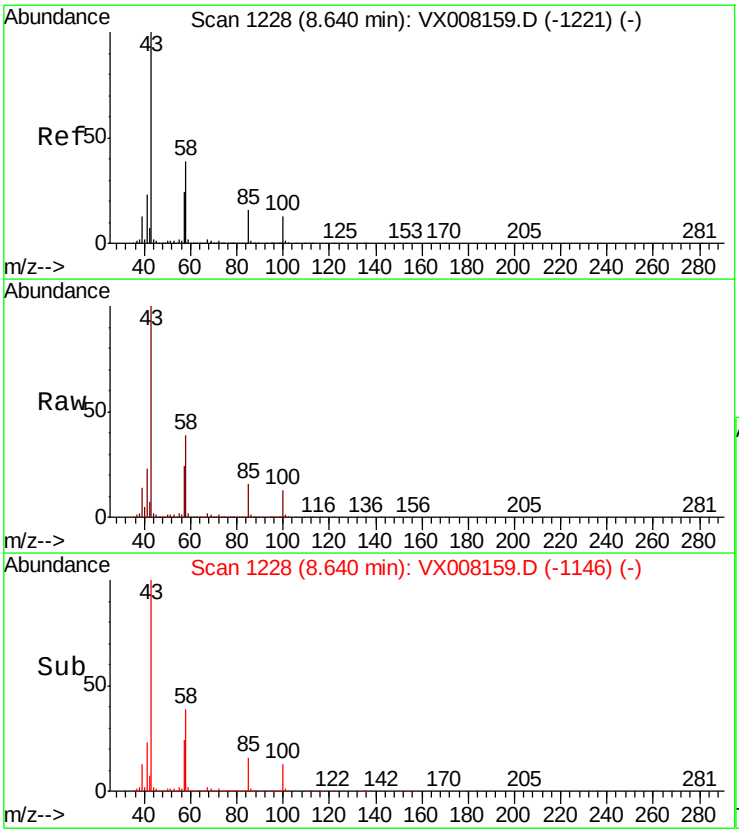
Tgt Ion:117 Resp: 257028

Ion	Ratio	Lower	Upper
117	100		
82	59.5	40.4	60.6
119	31.9	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

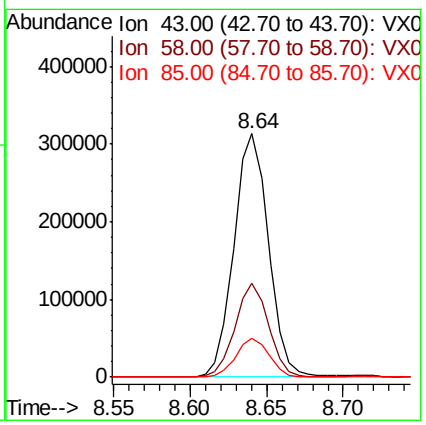
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

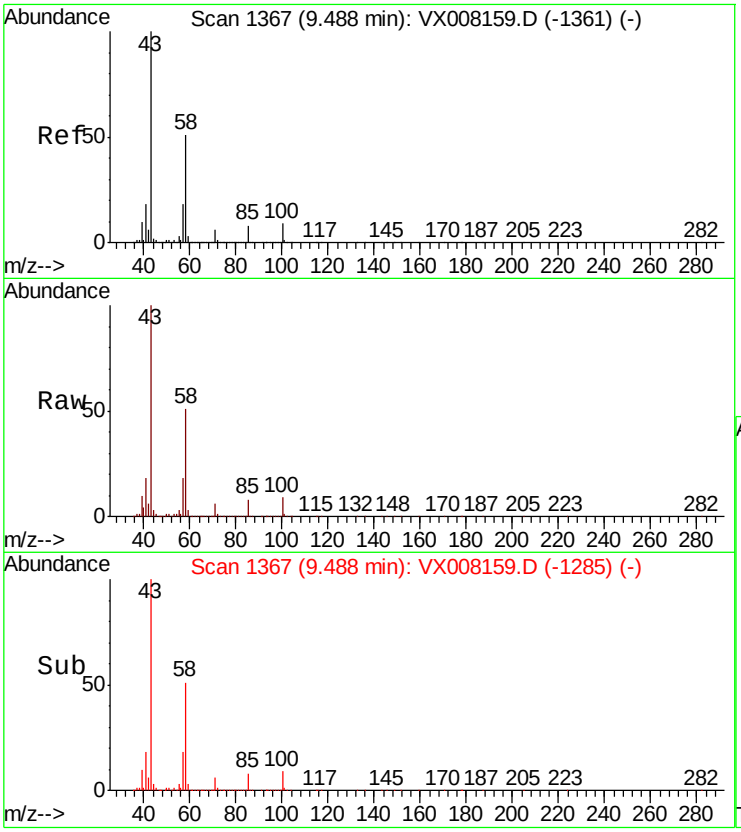


#58
4-Methyl-2-Pentanone
Concen: 100.000 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 43 Resp: 489269

Ion	Ratio	Lower	Upper
43	100		
58	37.4	31.4	47.0
85	15.4	15.0	22.6

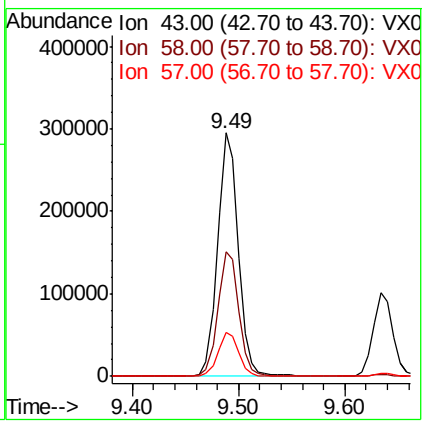




#59
2-Hexanone
Concen: 100.000 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

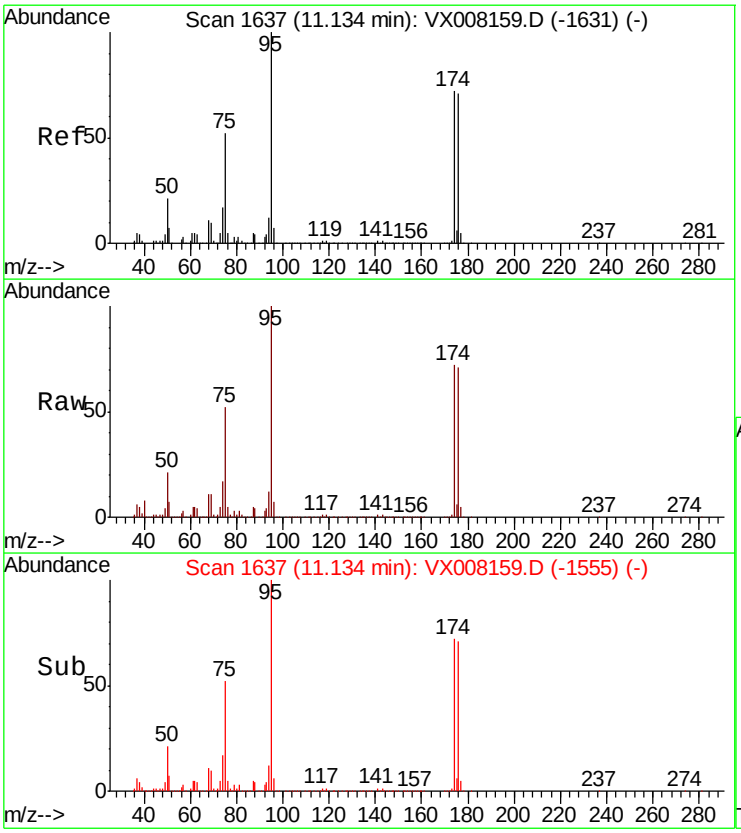
Tgt Ion: 43 Resp: 398680

Ion	Ratio	Lower	Upper
43	100		
58	51.5	43.9	65.9
57	17.8	14.9	22.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

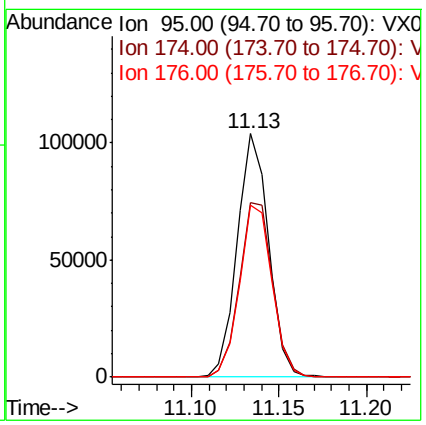
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

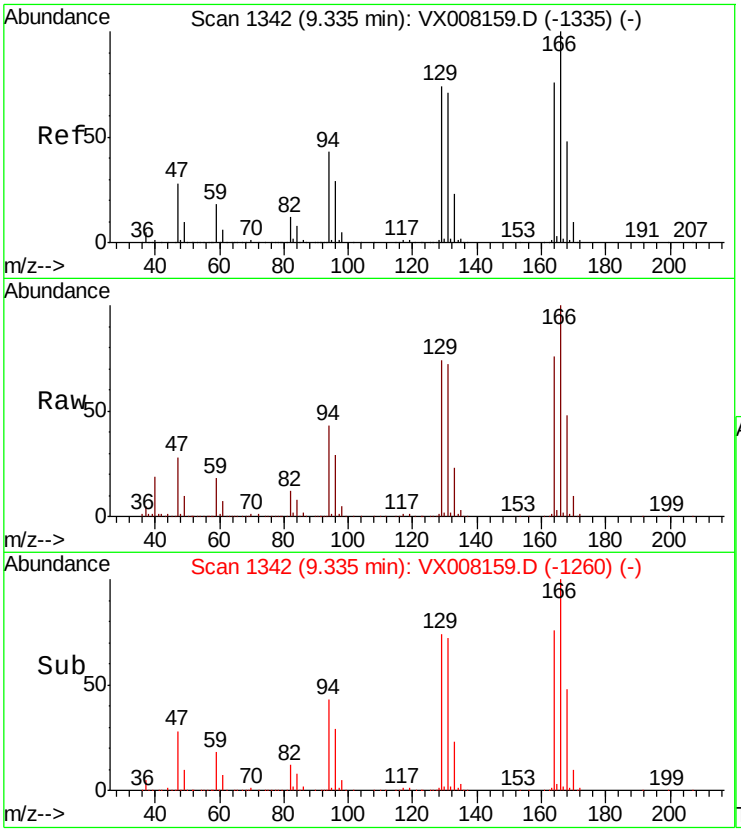


#60
4-Bromofluorobenzene
Concen: 30.000 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 95 Resp: 129663

Ion	Ratio	Lower	Upper
95	100		
174	76.1	74.9	112.3
176	73.5	70.7	106.1

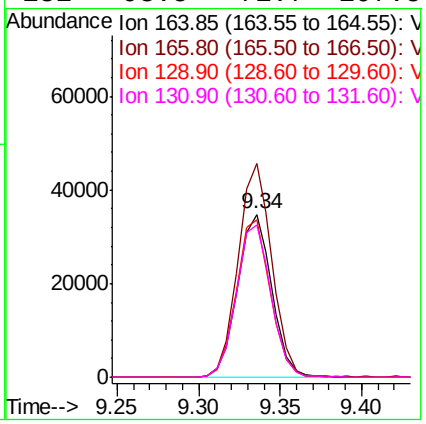




#61
Tetrachloroethene
Concen: 20.000 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

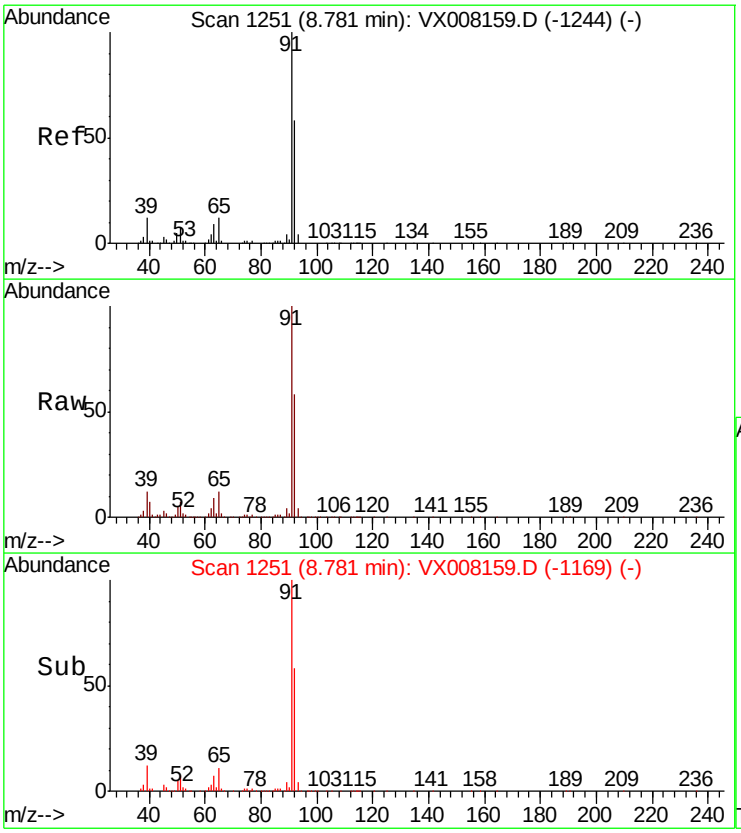
Tgt Ion:164 Resp: 50631

Ion	Ratio	Lower	Upper
164	100		
166	131.1	103.9	155.9
129	97.0	74.7	112.1
131	93.5	71.7	107.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

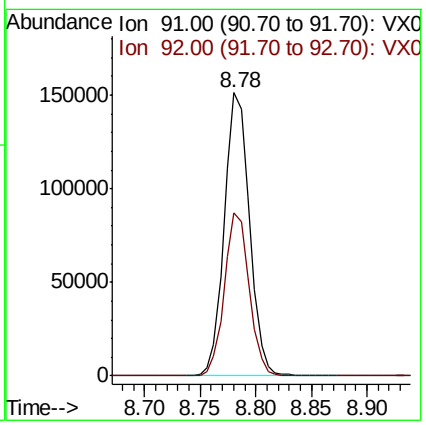
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

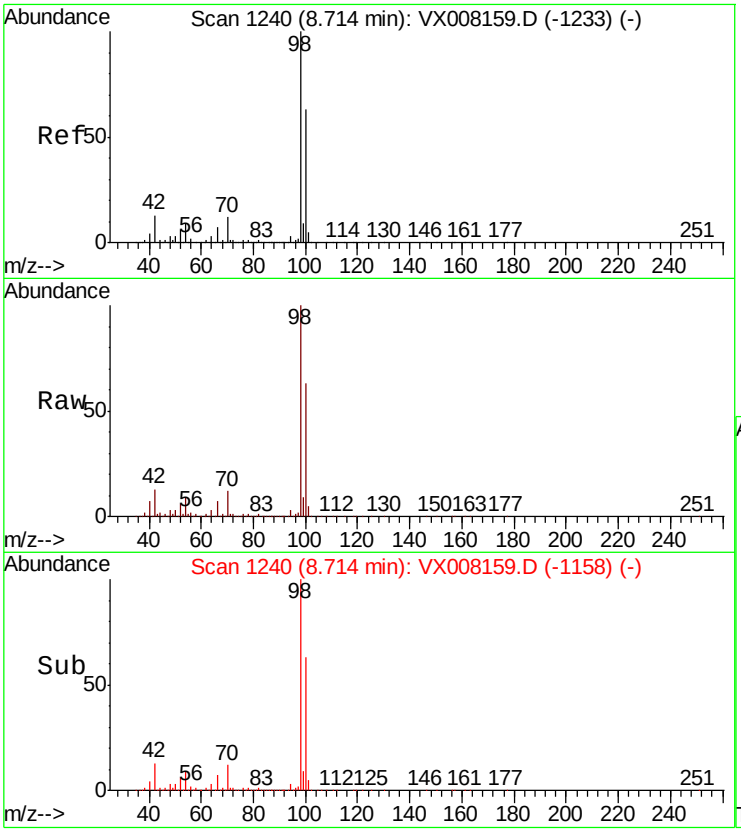


#62
Toluene
Concen: 20.000 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 91 Resp: 236150

Ion	Ratio	Lower	Upper
91	100		
92	57.1	46.4	69.6





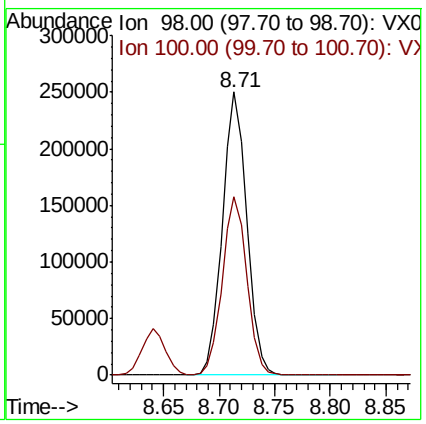
#63
Toluene-d8
Concen: 30.000 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

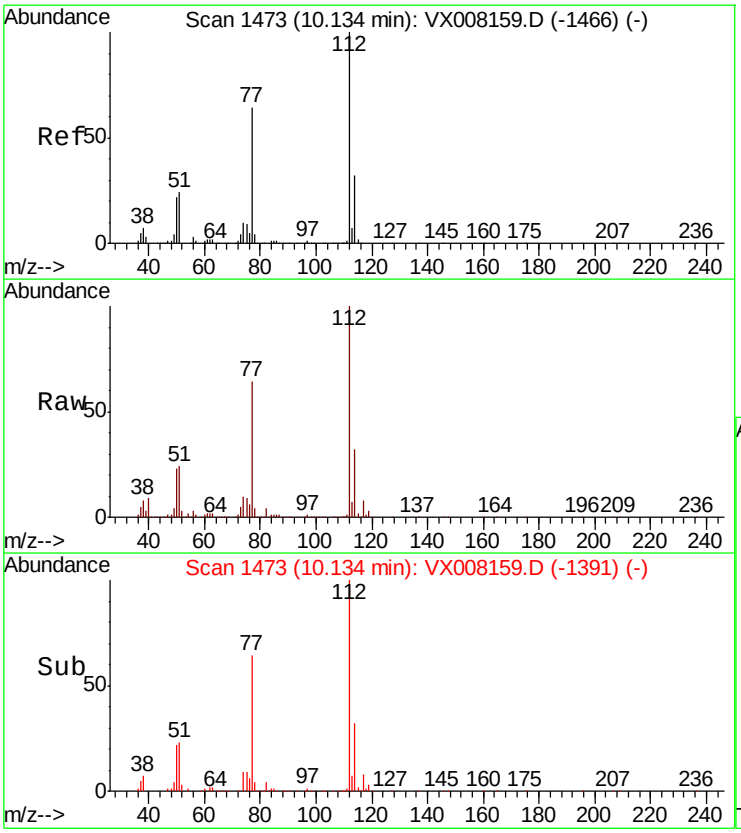
Tgt Ion: 98 Resp: 378318

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

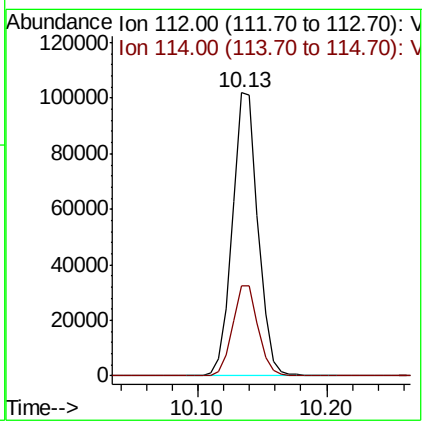


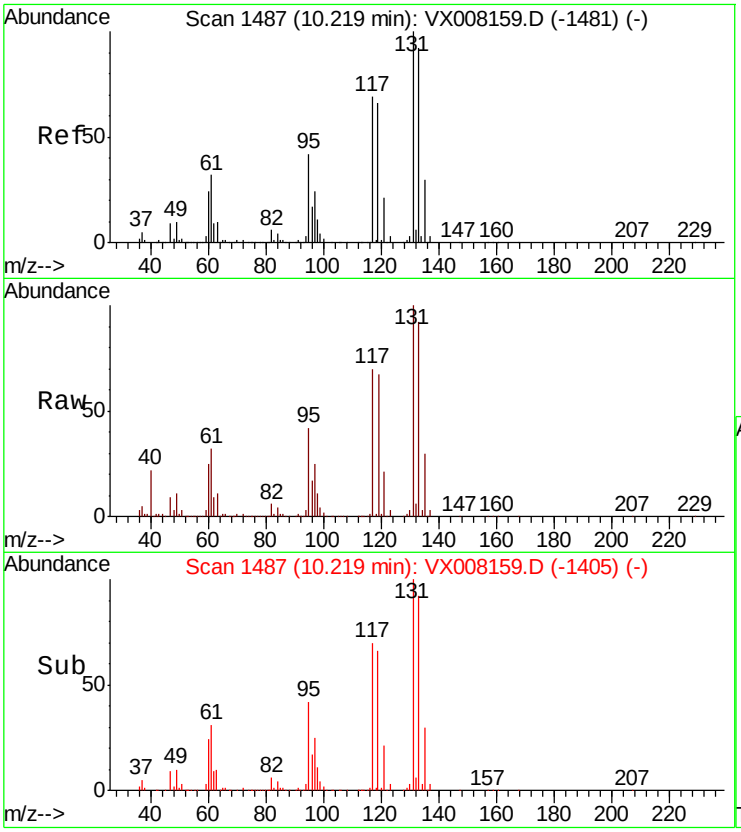


#64
Chlorobenzene
Concen: 20.000 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:112 Resp: 141278

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.2

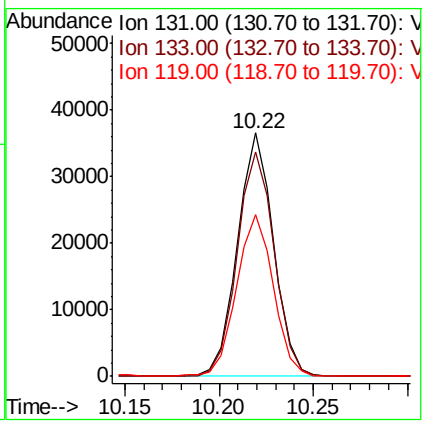




#65
1,1,1,2-Tetrachloroethane
Concen: 20.000 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

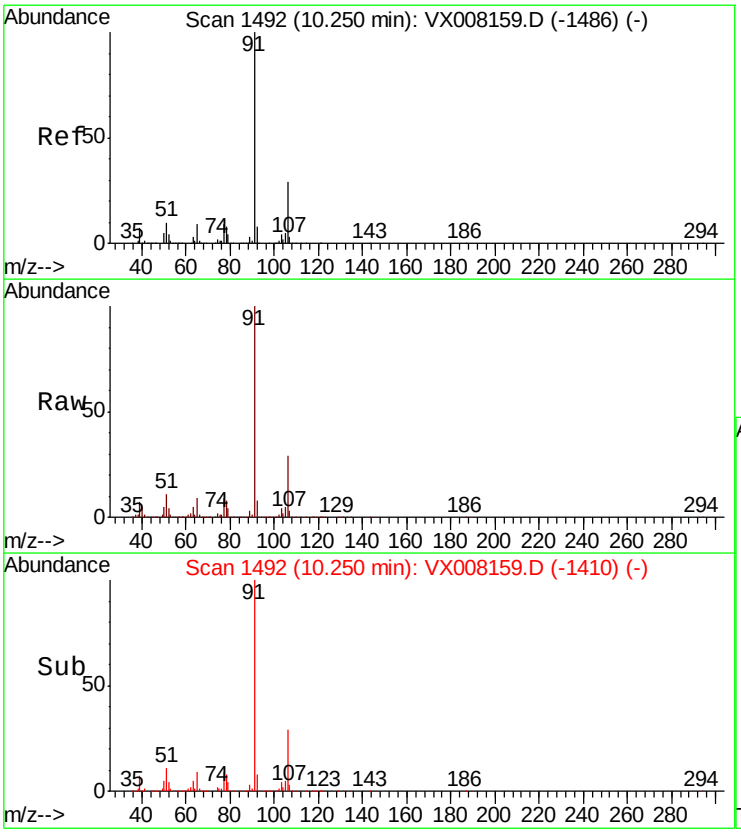
Tgt Ion:131 Resp: 48514

Ion	Ratio	Lower	Upper
131	100		
133	94.7	0.0	191.6
119	68.0	0.0	127.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

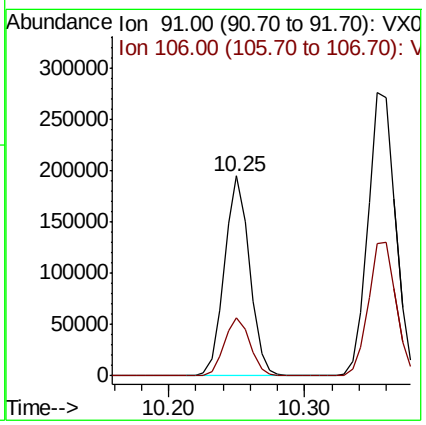
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

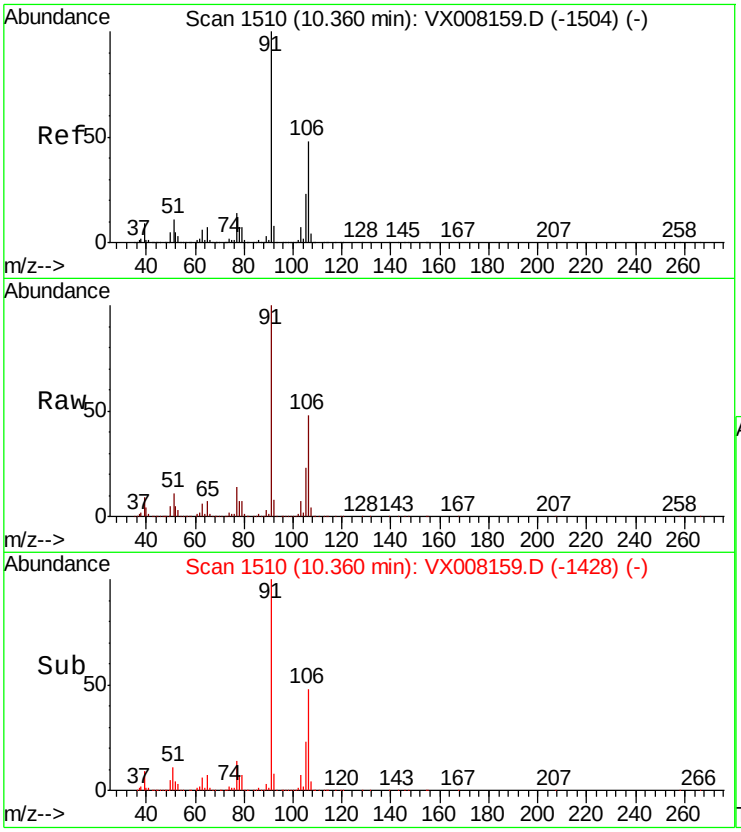


#66
Ethyl Benzene
Concen: 20.000 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 91 Resp: 248515

Ion	Ratio	Lower	Upper
91	100		
106	29.2	26.0	39.0

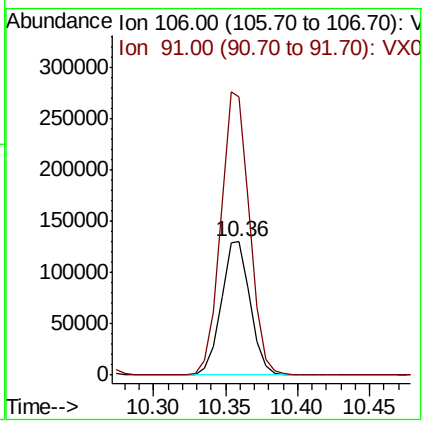




#67
m/p-Xylenes
Concen: 40.000 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

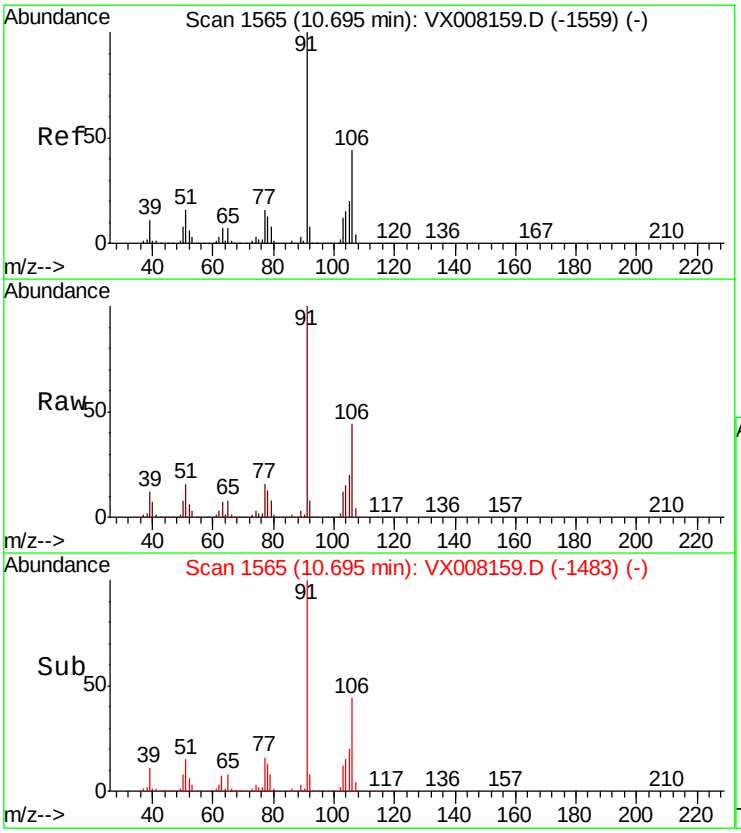
Tgt Ion:106 Resp: 183736

Ion	Ratio	Lower	Upper
106	100		
91	209.5	157.0	235.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

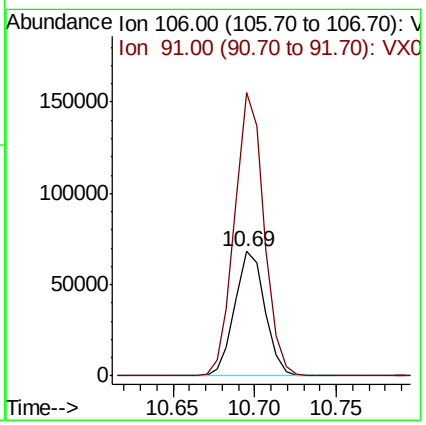
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

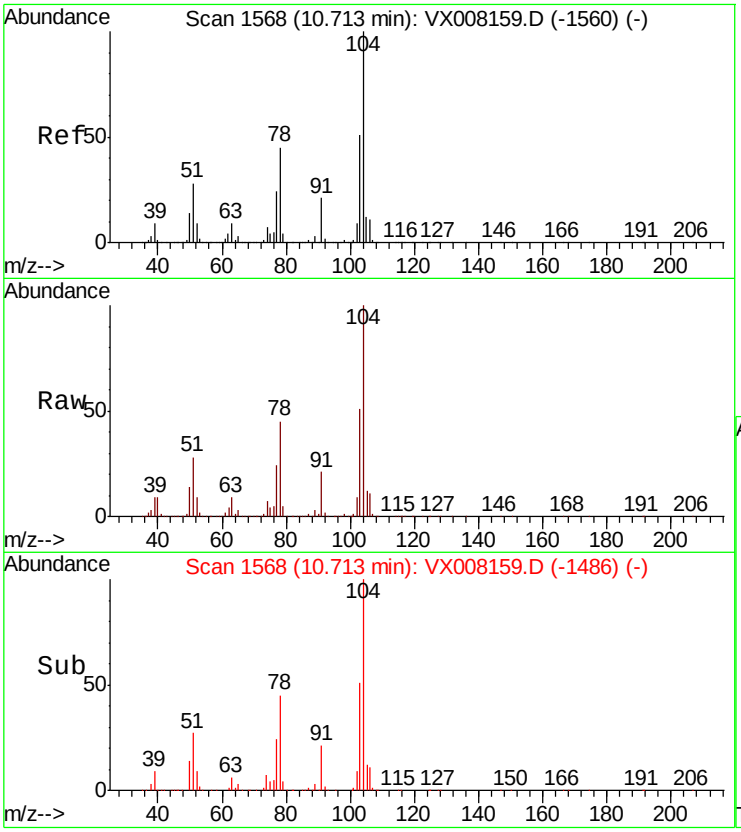


#68
o-Xylene
Concen: 20.000 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:106 Resp: 88656

Ion	Ratio	Lower	Upper
106	100		
91	220.6	104.4	313.2





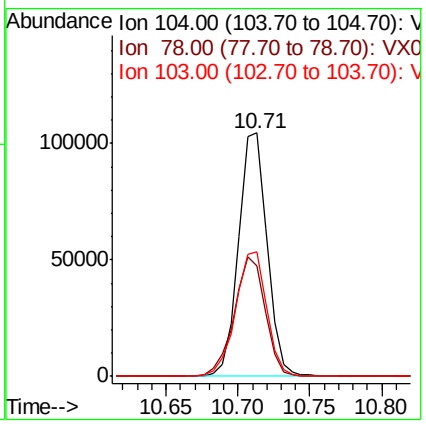
#69
Stvrene
Concen: 20.000 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

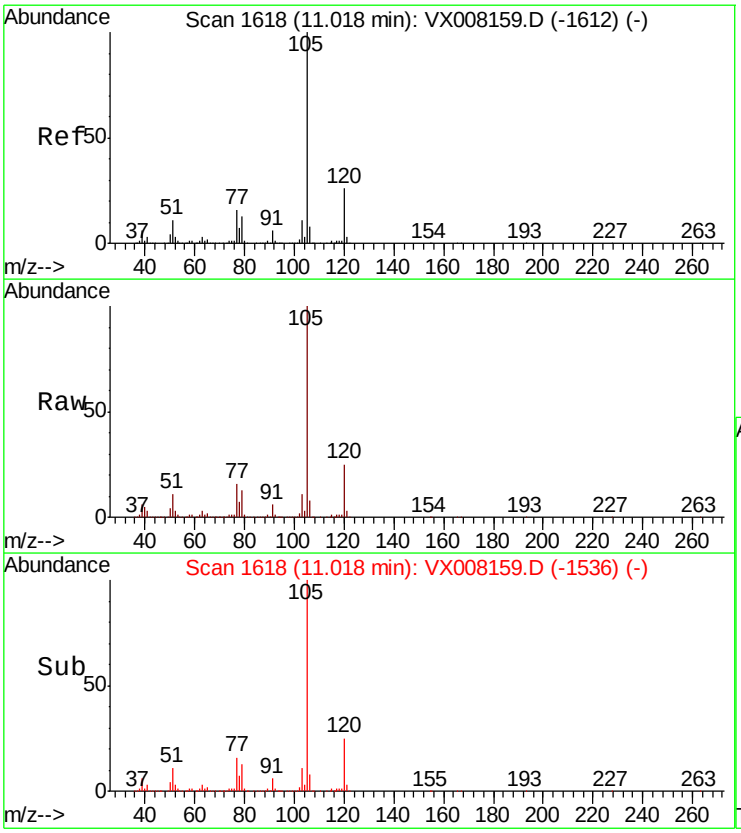
Tgt Ion:104 Resp: 143948

Ion	Ratio	Lower	Upper
104	100		
78	53.1	38.2	57.2
103	55.8	45.0	67.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

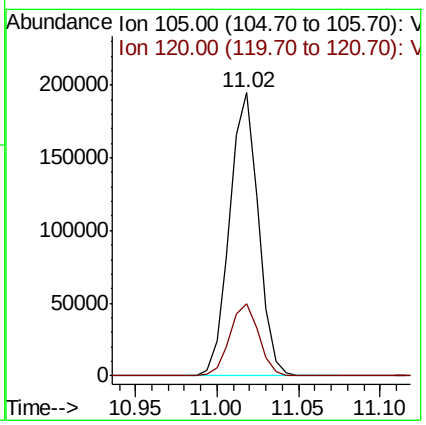


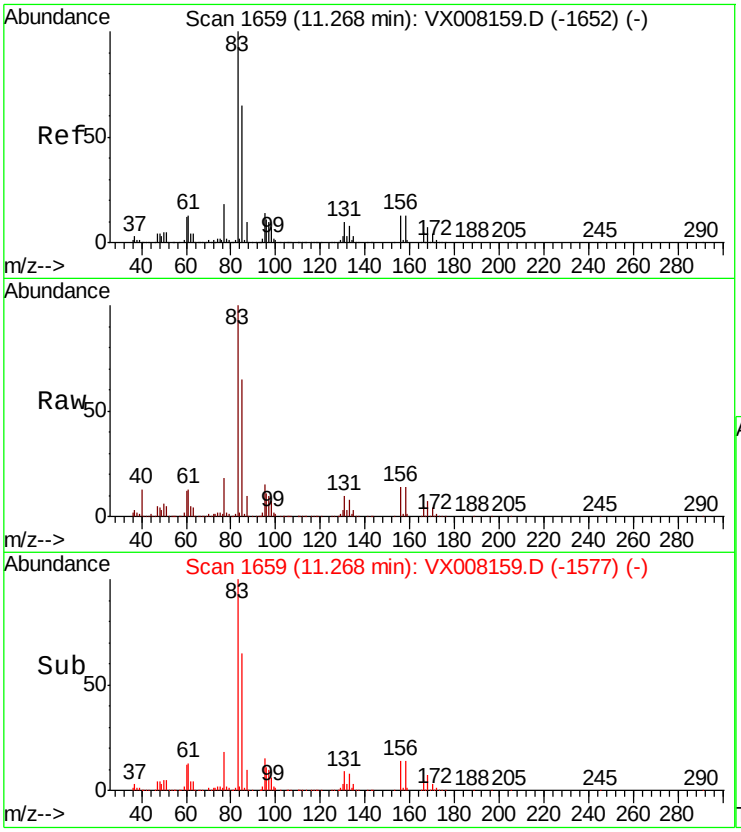


#70
Isopropylbenzene
Concen: 20.000 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:105 Resp: 239172

Ion	Ratio	Lower	Upper
105	100		
120	25.7	19.8	36.8

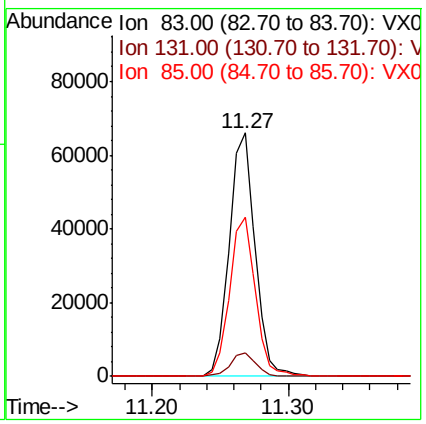




#71
1,1,2,2-Tetrachloroethane
Concen: 20.000 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

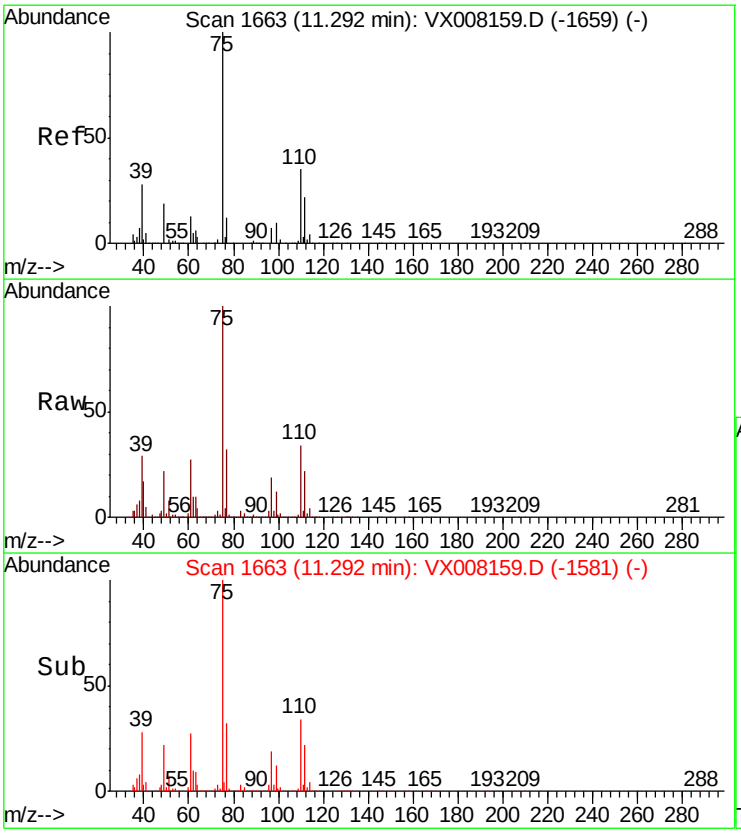
Tgt Ion: 83 Resp: 87218

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.4	16.2
85	65.2	32.8	98.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

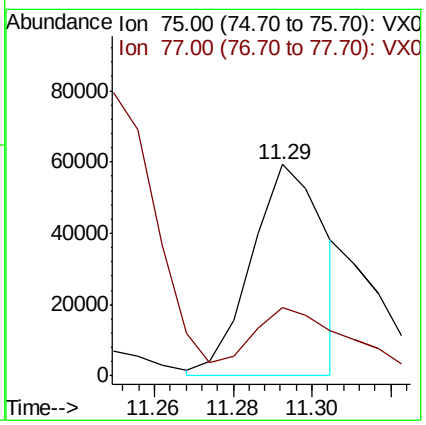
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

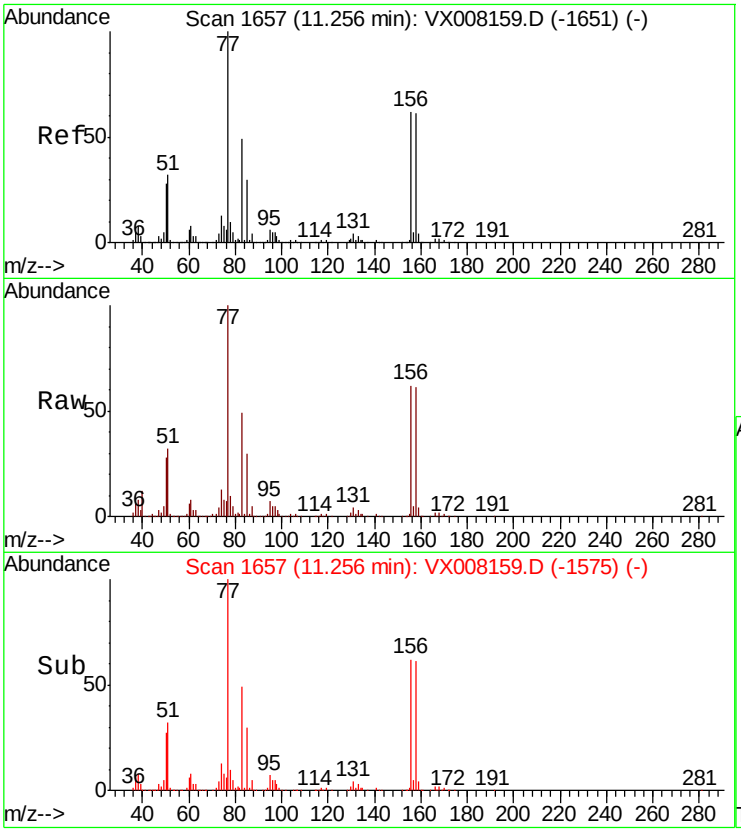


#72
1,2,3-Trichloropropane
Concen: 20.090 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 75 Resp: 76699

Ion	Ratio	Lower	Upper
75	100		
77	42.9	0.0	76.4

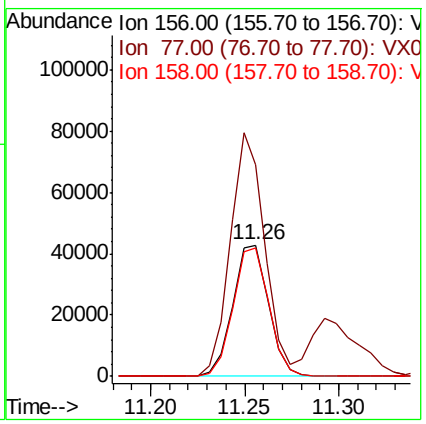




#73
Bromobenzene
Concen: 20.000 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

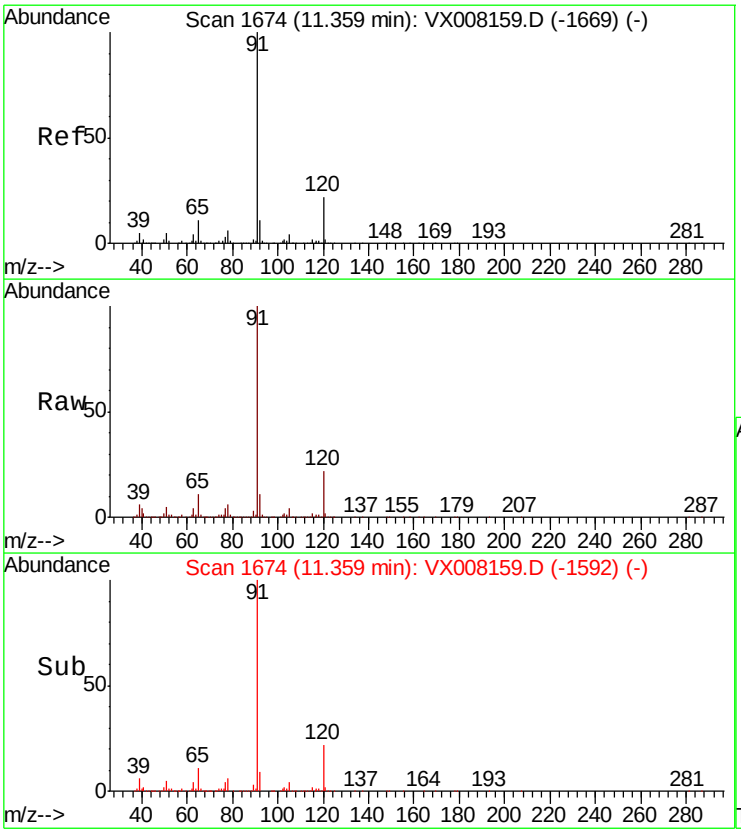
Tgt Ion:156 Resp: 56431

Ion	Ratio	Lower	Upper
156	100		
77	176.8	0.0	271.4
158	97.5	0.0	194.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

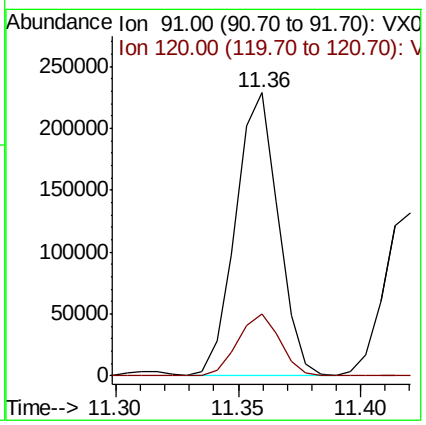
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

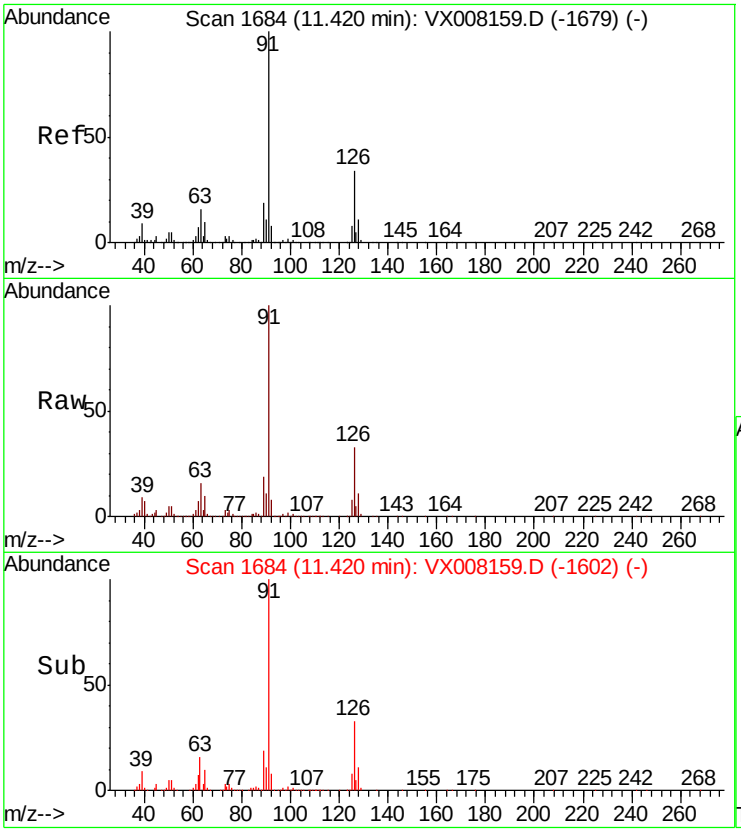


#74
n-propylbenzene
Concen: 20.000 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 91 Resp: 278913

Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	48.6





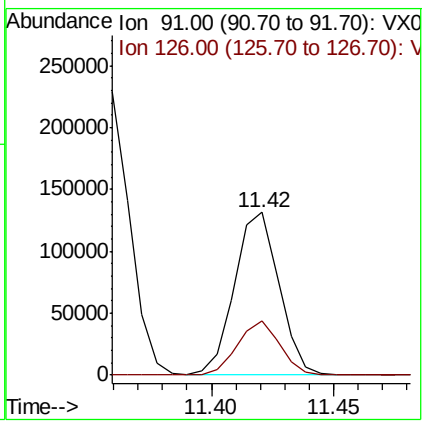
#75
2-Chlorotoluene
Concen: 20.000 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

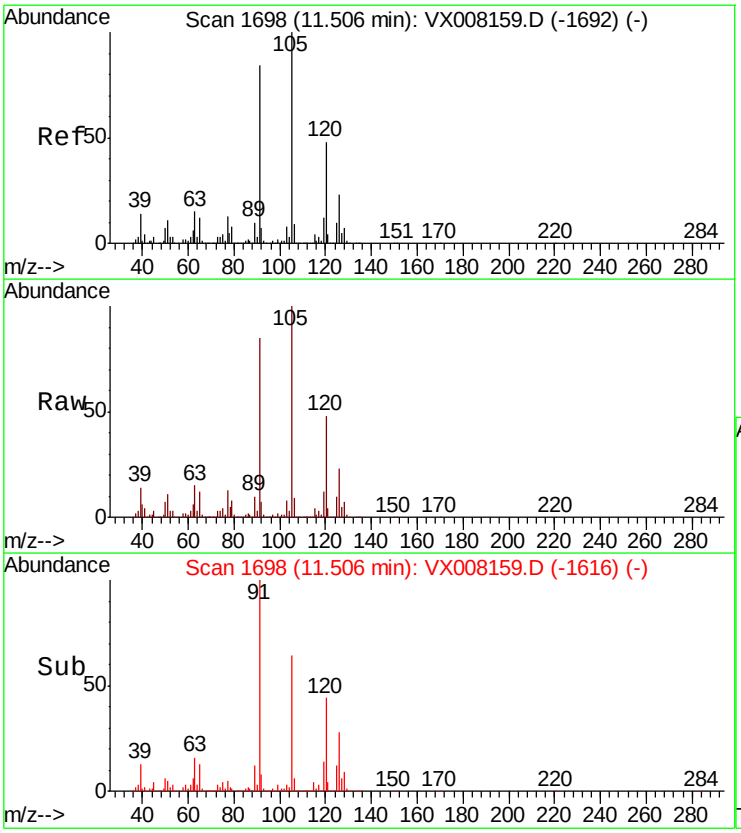
Tgt Ion: 91 Resp: 167610

Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	75.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

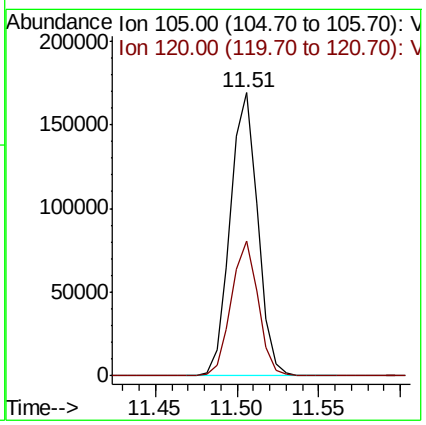


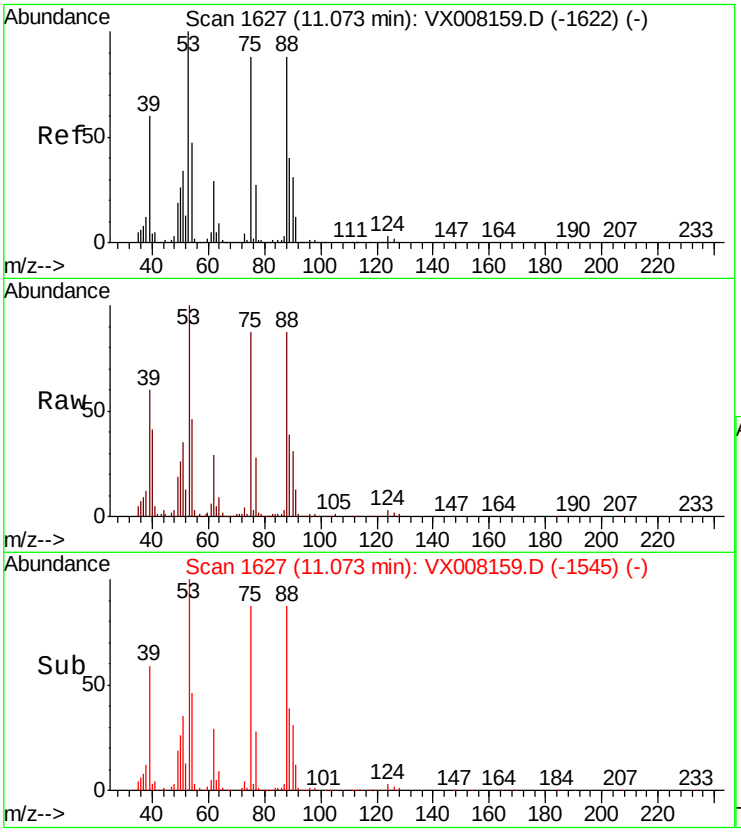


#76
1,3,5-Trimethylbenzene
Concen: 20.000 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:105 Resp: 197523

Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	101.0

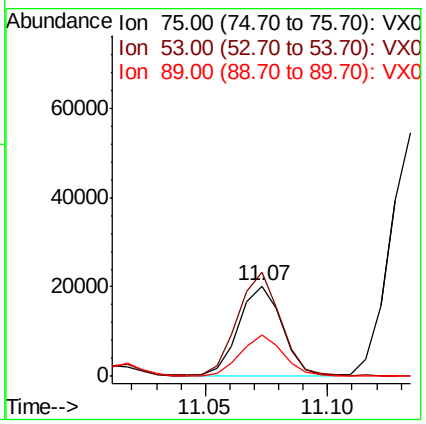




#77
t-1,4-Dichloro-2-butene
Concen: 20.000 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

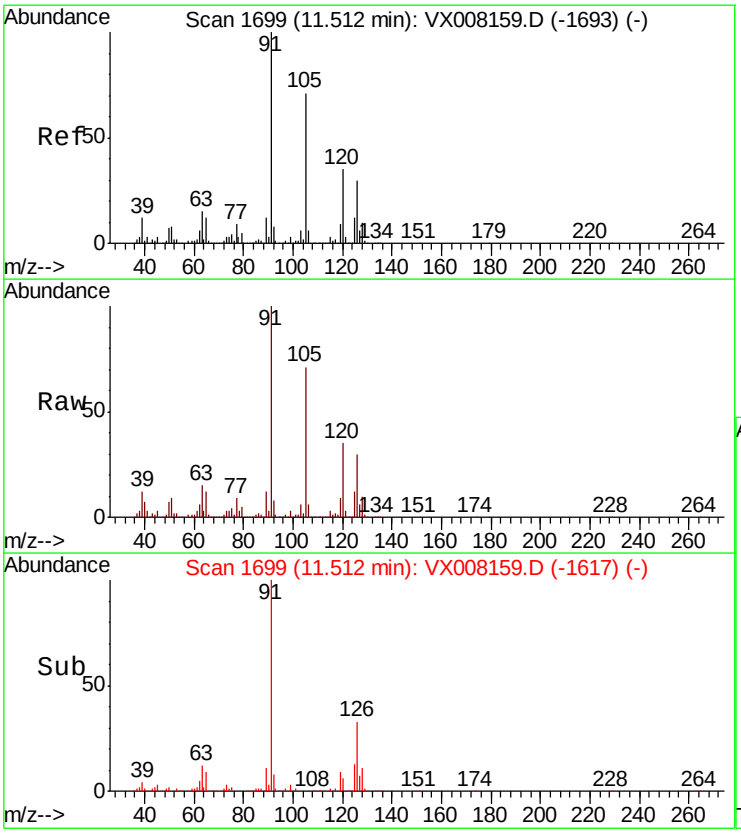
Tgt Ion: 75 Resp: 24944

Ion	Ratio	Lower	Upper
75	100		
53	114.4	55.5	166.7
89	44.8	24.4	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

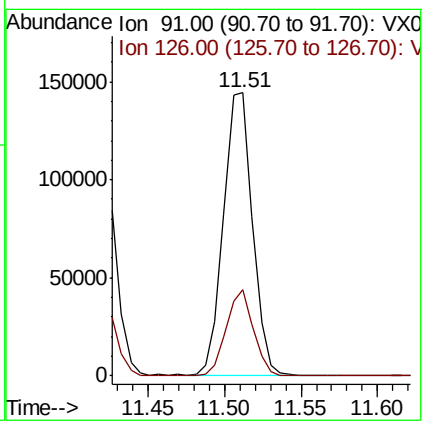
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

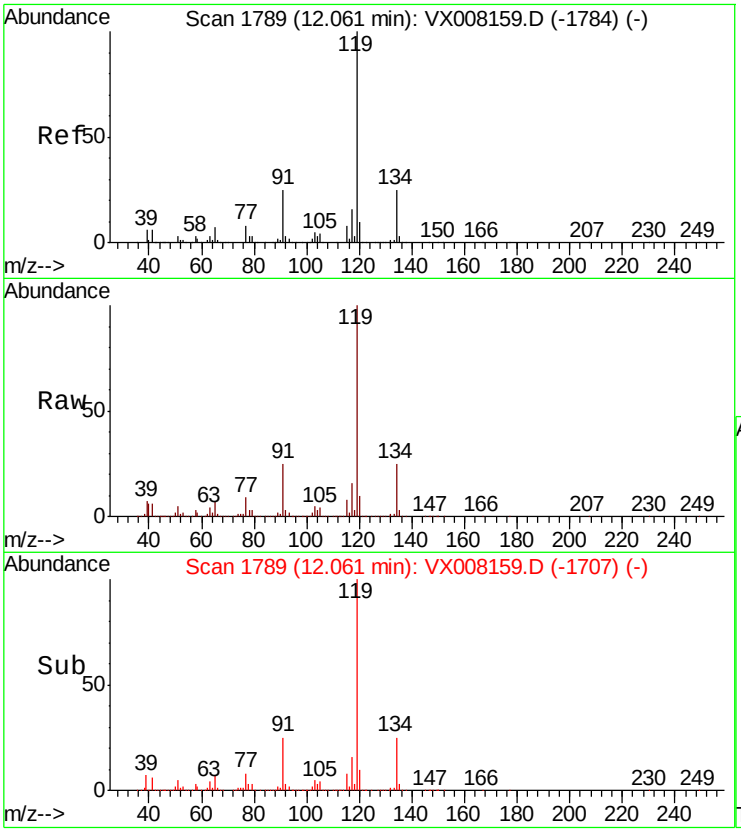


#78
4-Chlorotoluene
Concen: 20.000 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 91 Resp: 189878

Ion	Ratio	Lower	Upper
91	100		
126	28.3	0.0	66.2

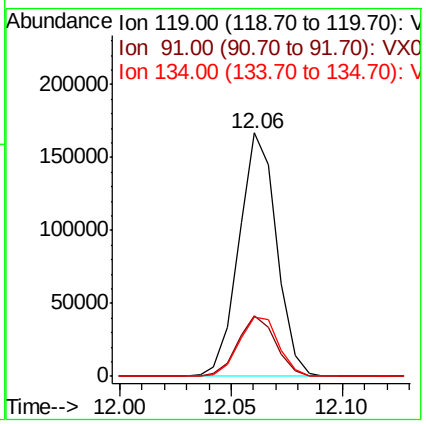




#79
tert-butylbenzene
Concen: 20.000 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

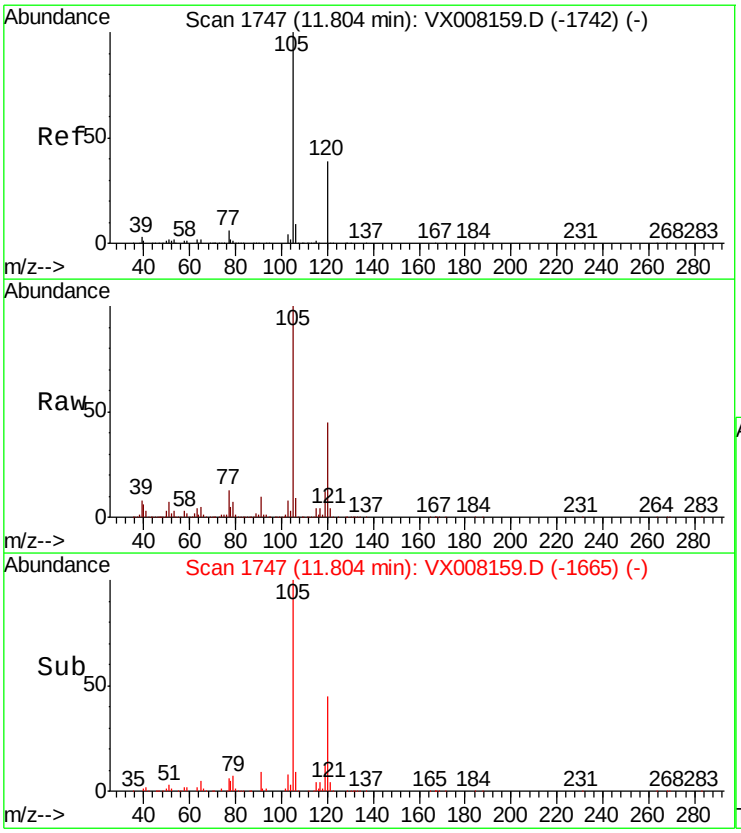
Tgt Ion:119 Resp: 197684

Ion	Ratio	Lower	Upper
119	100		
91	24.8	0.0	45.0
134	25.7	0.0	55.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

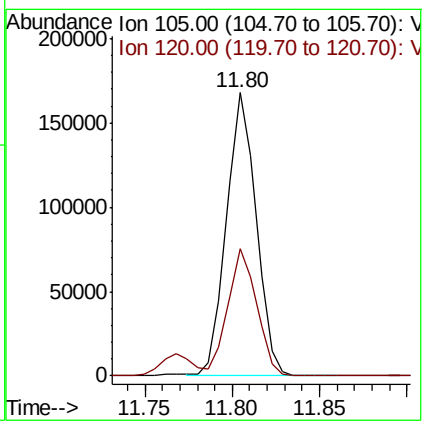
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

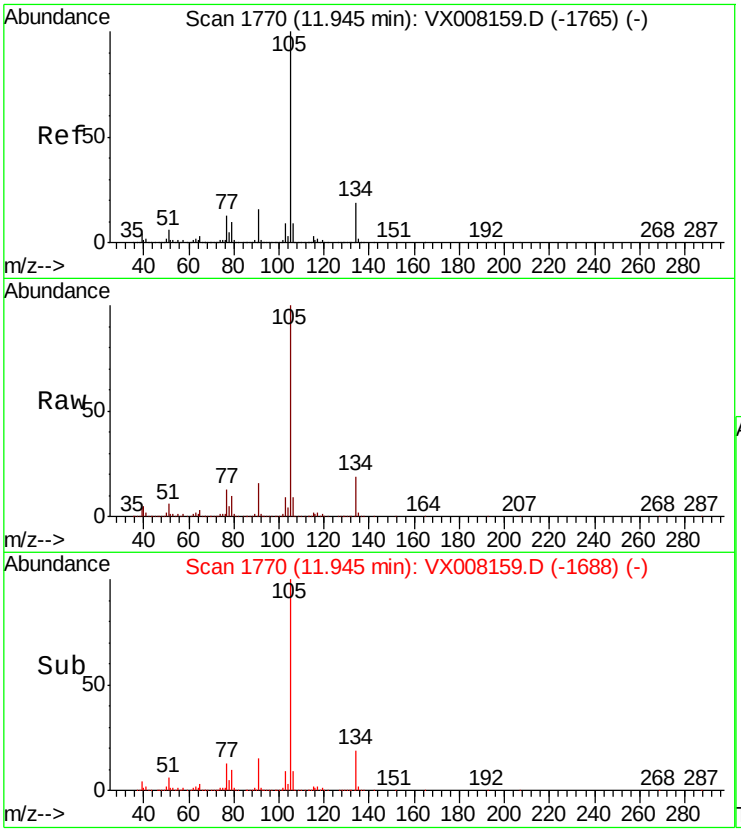


#80
1,2,4-Trimethylbenzene
Concen: 20.000 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:105 Resp: 198709

Ion	Ratio	Lower	Upper
105	100		
120	43.1	0.0	94.0

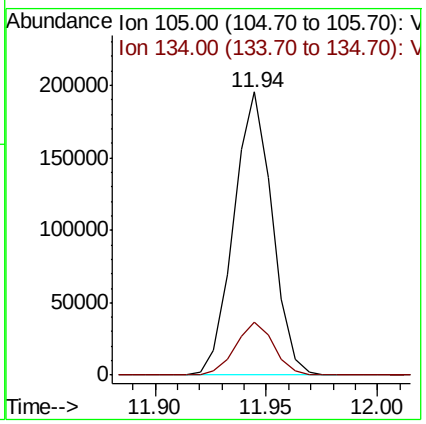




#81
sec-Butylbenzene
Concen: 20.000 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

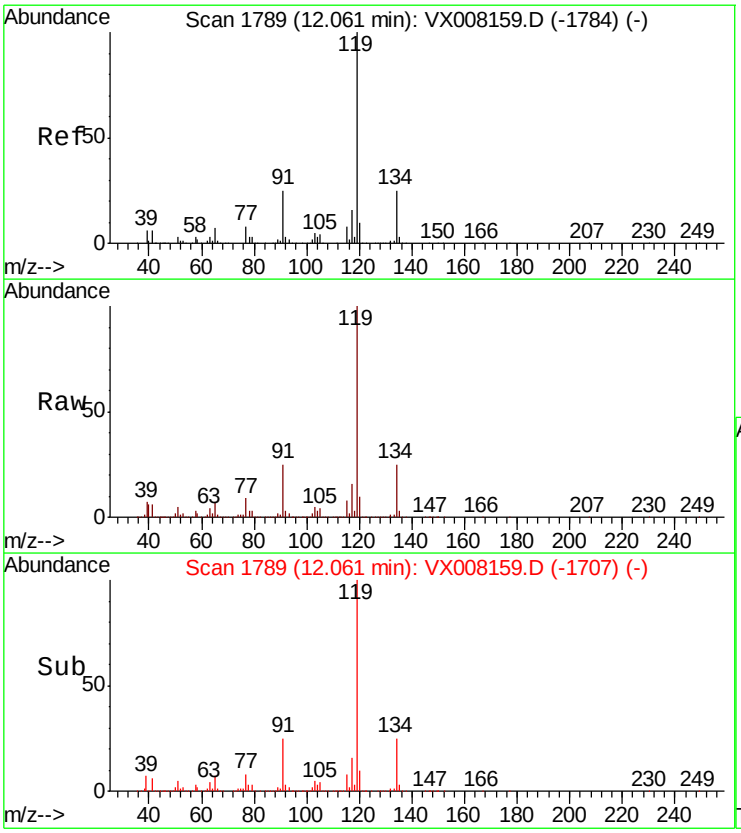
Tgt Ion:105 Resp: 234244

Ion	Ratio	Lower	Upper
105	100		
134	18.8	0.0	41.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

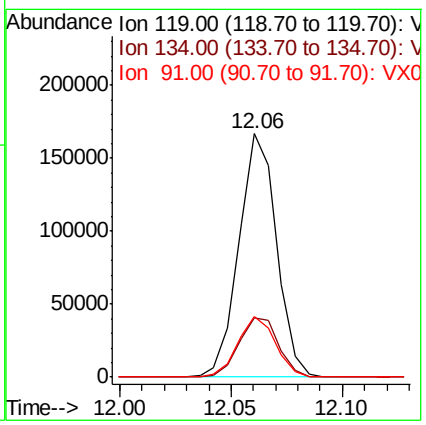
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

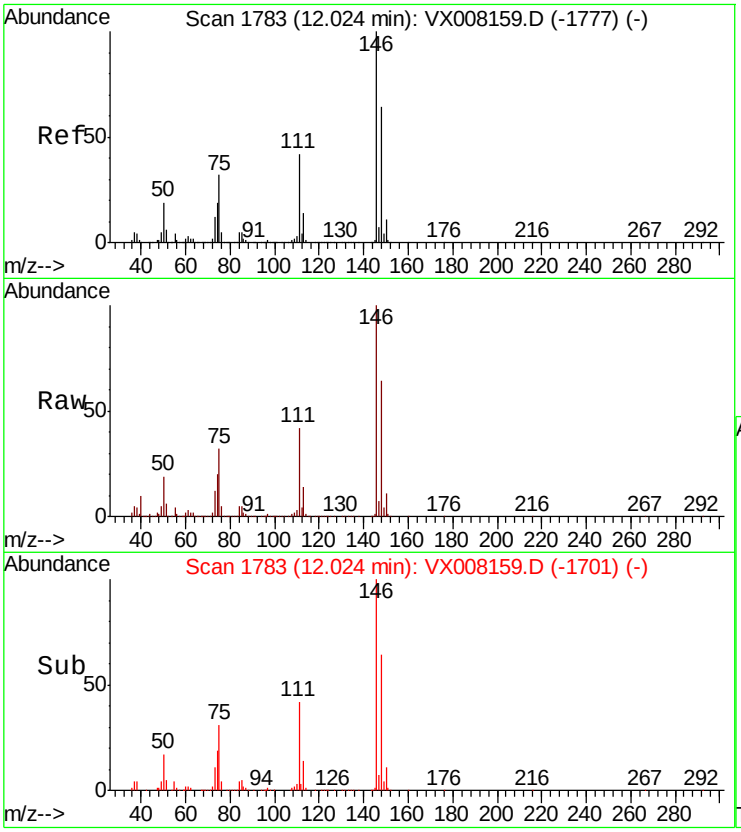


#82
p-Isopropyltoluene
Concen: 20.000 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:119 Resp: 197684

Ion	Ratio	Lower	Upper
119	100		
134	25.7	0.0	55.4
91	24.8	0.0	45.0

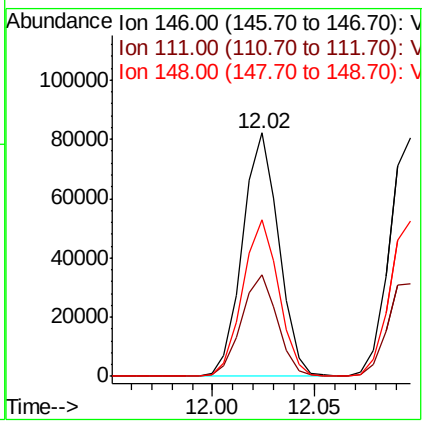




#83
1,3-Dichlorobenzene
Concen: 20.000 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

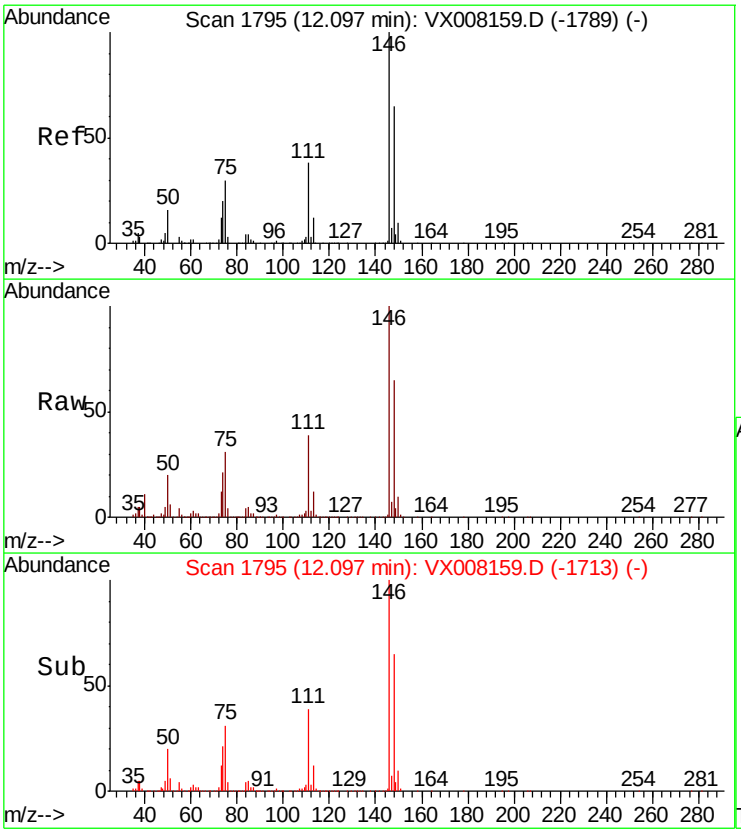
Tgt Ion:146 Resp: 101630

Ion	Ratio	Lower	Upper
146	100		
111	41.1	18.8	56.3
148	64.0	30.6	91.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

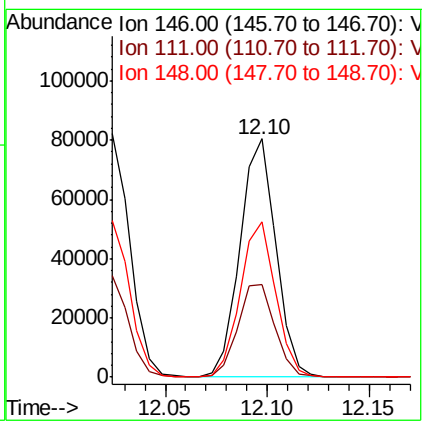
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

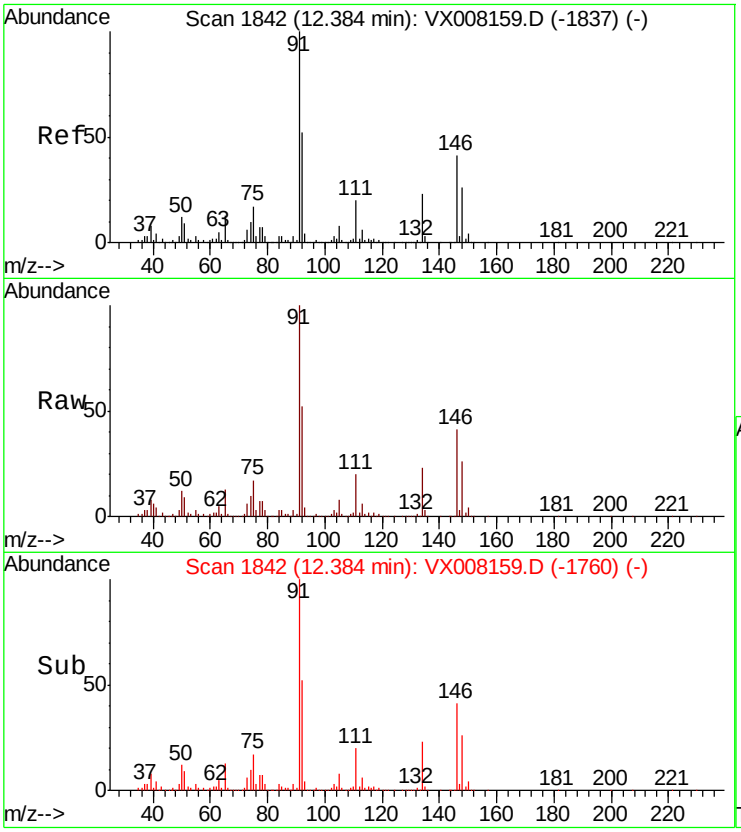


#84
1,4-Dichlorobenzene
Concen: 20.000 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:146 Resp: 98545

Ion	Ratio	Lower	Upper
146	100		
111	40.3	17.6	52.8
148	64.3	31.4	94.2

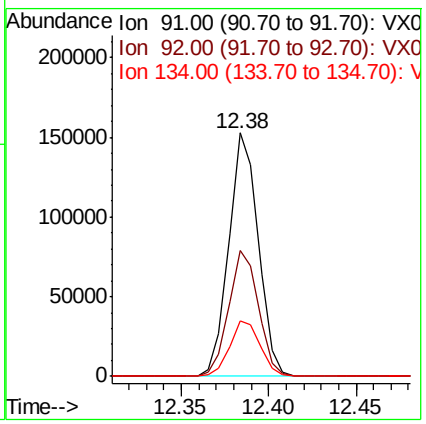




#85
n-Butylbenzene
Concen: 20.000 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

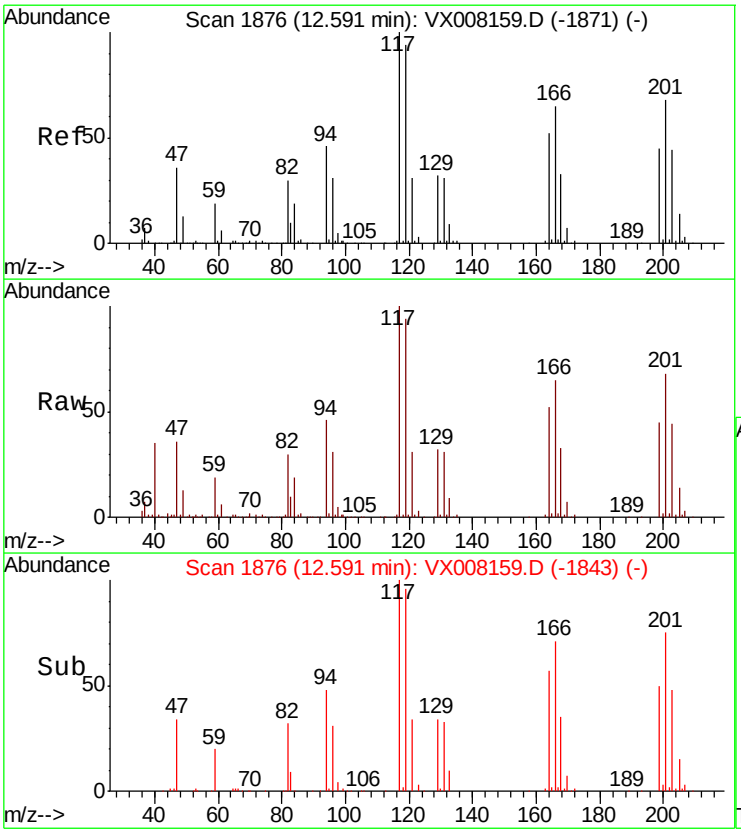
Tgt Ion: 91 Resp: 179216

Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	105.2
134	23.7	0.0	56.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

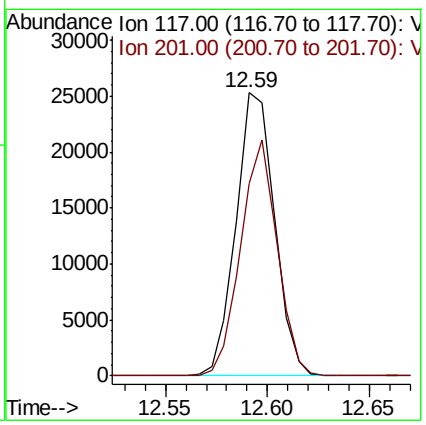
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

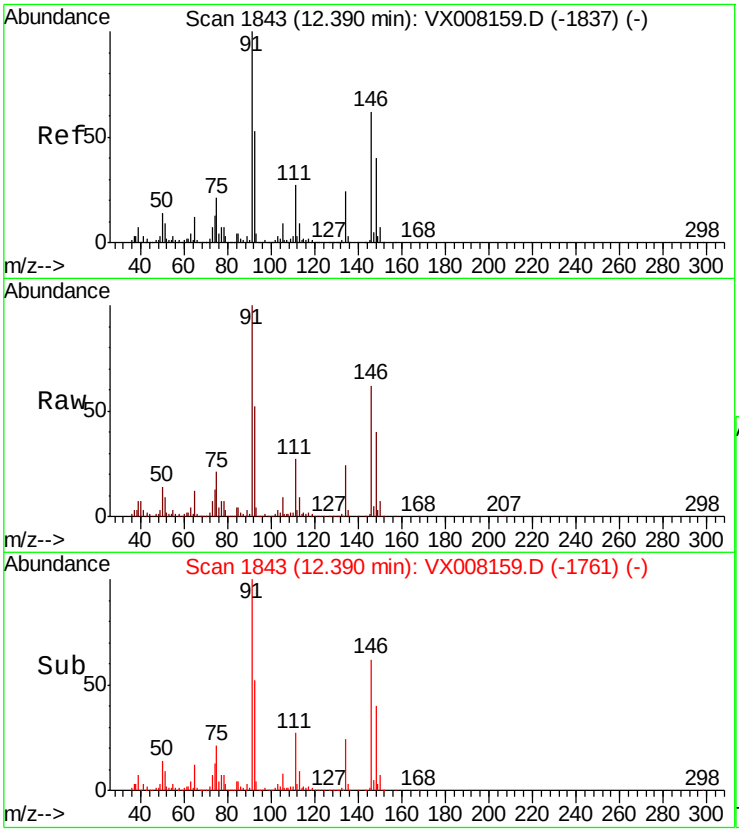


#86
Hexachloroethane
Concen: 20.000 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:117 Resp: 33414

Ion	Ratio	Lower	Upper
117	100		
201	78.7	41.1	123.3

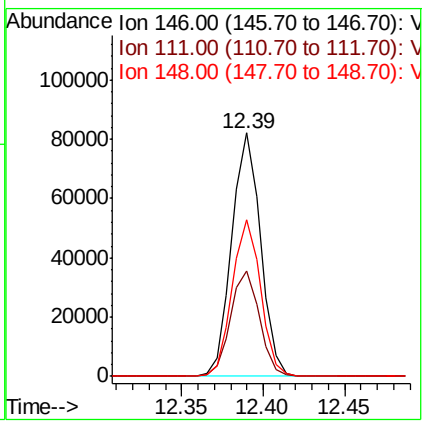




#87
1,2-Dichlorobenzene
Concen: 20.000 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

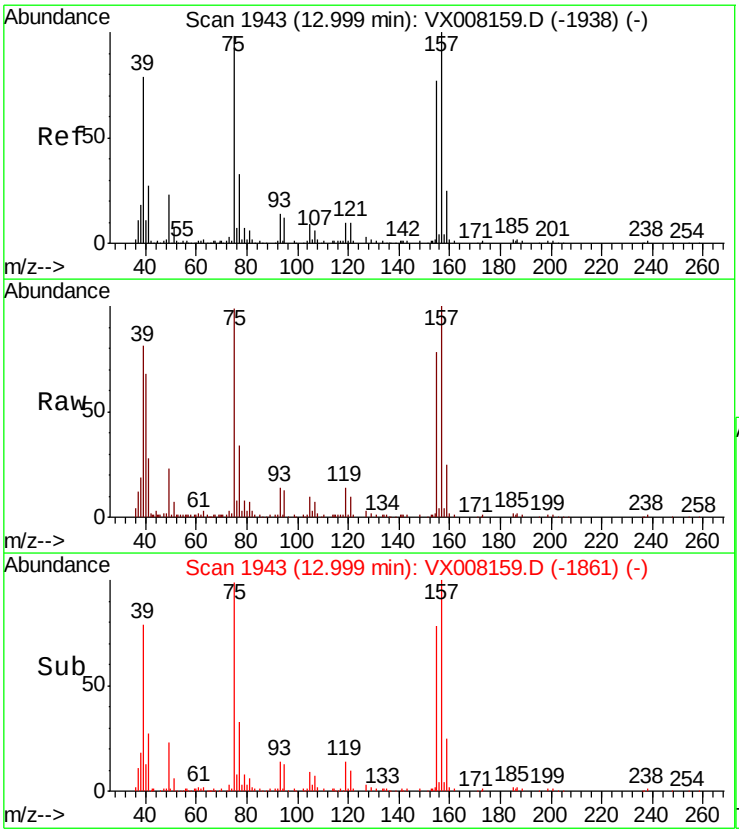
Tgt Ion:146 Resp: 101057

Ion	Ratio	Lower	Upper
146	100		
111	43.4	19.3	57.8
148	63.7	32.1	96.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

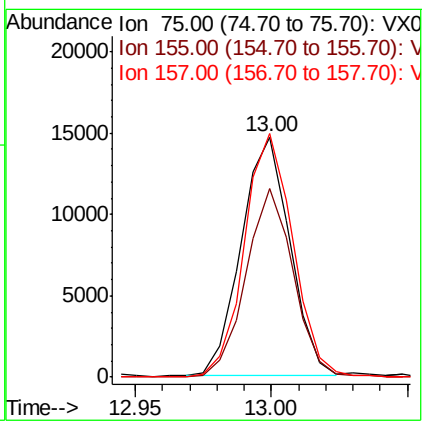
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

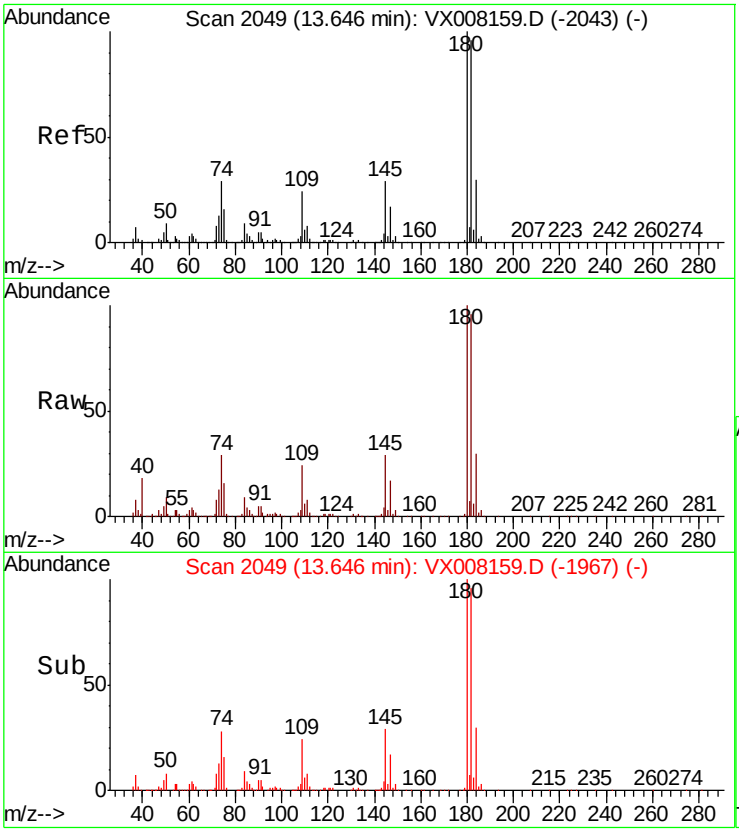


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.000 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion: 75 Resp: 18226

Ion	Ratio	Lower	Upper
75	100		
155	76.1	81.0	121.6#
157	101.7	103.2	154.8#

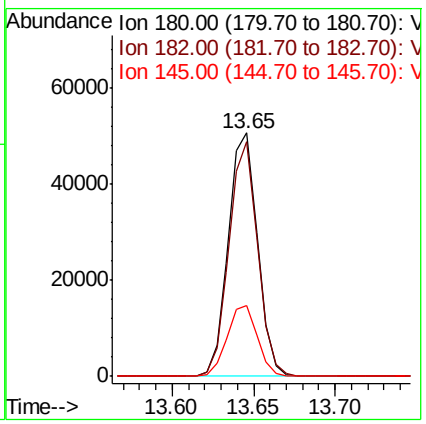




#89
1,2,4-Trichlorobenzene
Concen: 20.000 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

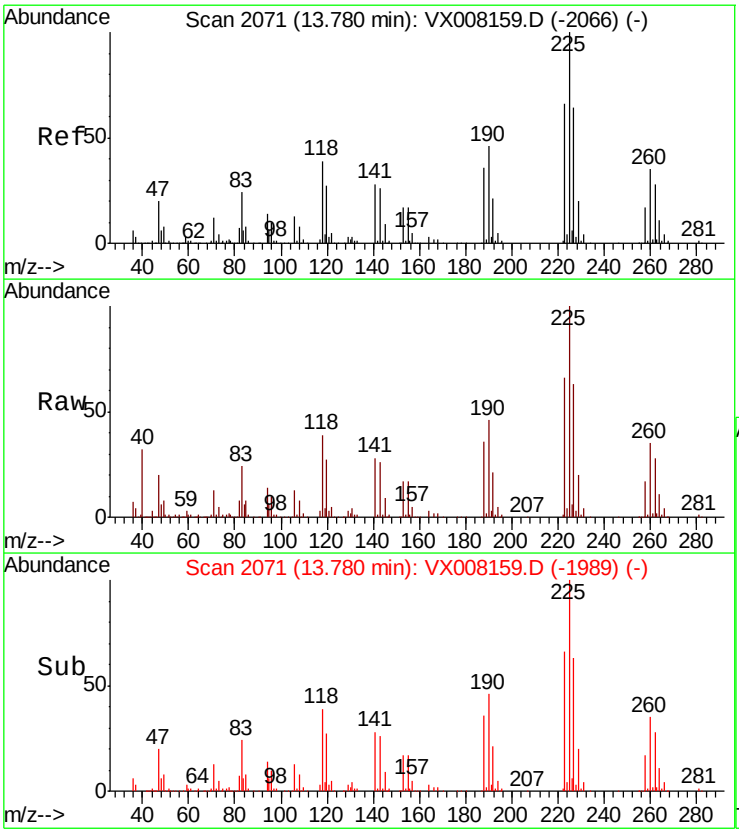
Tgt Ion:180 Resp: 63196

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	29.8	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

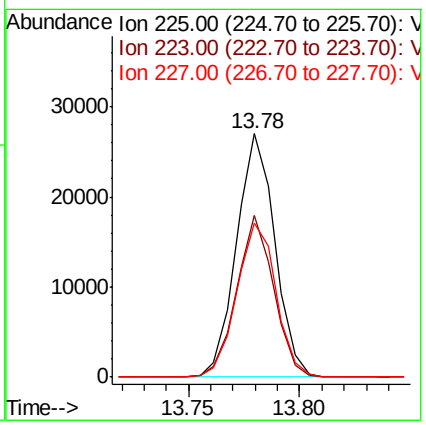
Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM

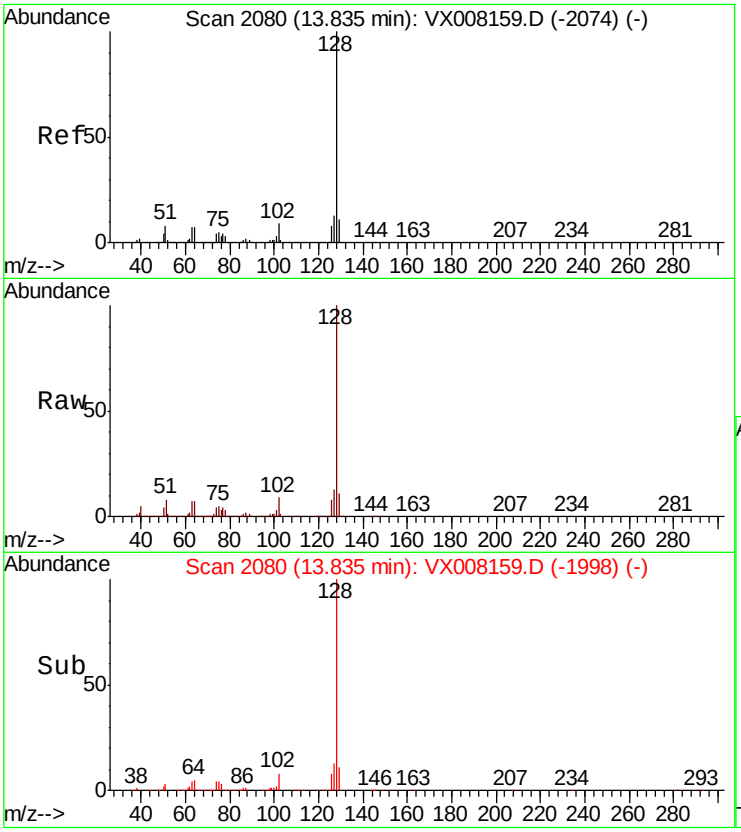


#90
Hexachlorobutadiene
Concen: 20.000 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:225 Resp: 32549

Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	123.8
227	64.7	0.0	124.4

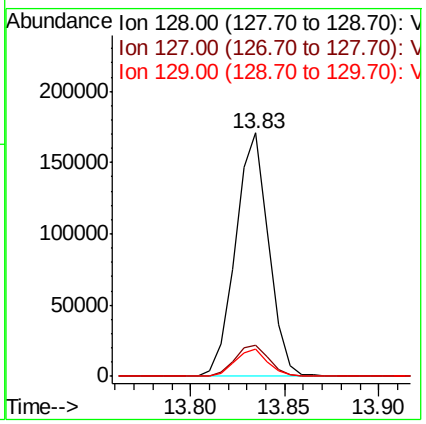




#91
Naphthalene
Concen: 20.000 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

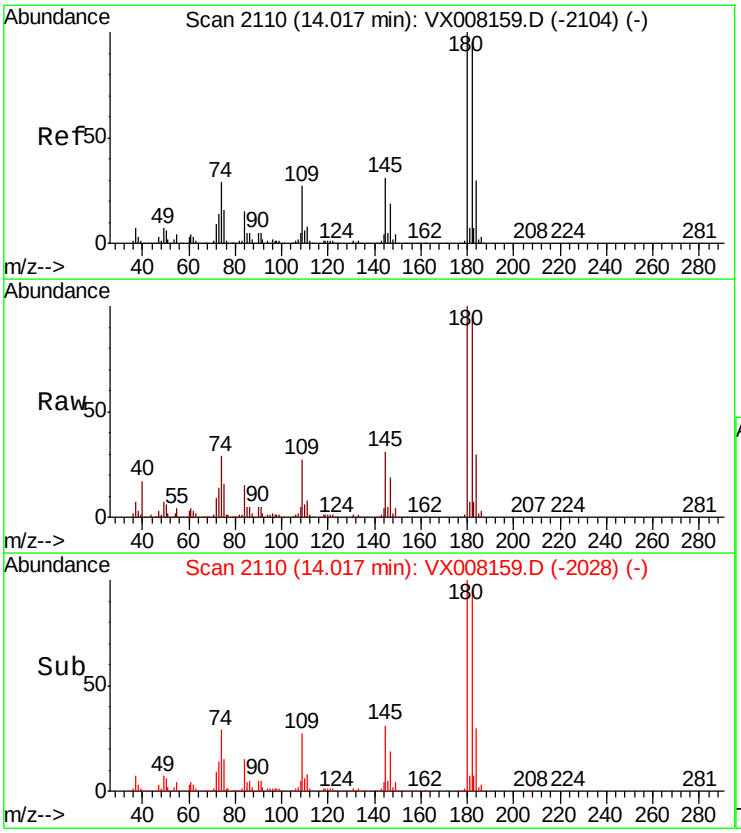
Tgt Ion:128 Resp: 207495

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.0	8.9	13.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
3/19/2019 9:36:50 AM



#92
1,2,3-Trichlorobenzene
Concen: 20.000 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008159.D
Acq: 18 Mar 2019 10:52

Tgt Ion:180 Resp: 63259

Ion	Ratio	Lower	Upper
180	100		
182	97.5	0.0	193.0
145	31.9	0.0	63.0