Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
Data File : VD060099.D
Acq On : 1 Oct 2018 16:24
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 05:48:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:08:01 2018
Response via : Initial Calibration

Instrument : MSVOA_D
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.39	168	1598506	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	7.42	114	2257213	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.27	117	1805814	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	952202	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.76	65	63158	5.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.14%				
35) Dibromofluoromethane	6.30	113	86501	4.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.80%				
50) Toluene-d8	9.44	98	241825	4.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.78%				
62) 4-Bromofluorobenzene	12.42	95	91865	4.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	83404m	5.047	ug/l		
3) Chloromethane	1.74	50	73881	4.995	ug/l	#	87
4) Vinyl Chloride	1.83	62	61183	5.153	ug/l		96
5) Bromomethane	2.12	94	10180	7.389	ug/l	#	78
6) Chloroethane	2.23	64	16893	6.399	ug/l		100
7) Trichlorofluoromethane	2.48	101	72122	5.521	ug/l		94
8) Diethyl Ether	2.80	74	14287	5.139	ug/l		94
9) 1,1,2-Trichlorotrifluoroet	3.07	101	46803	5.705	ug/l		96
10) Methyl Iodide	3.22	142	38202	4.364	ug/l	#	86
11) Tert butyl alcohol	3.95	59	22805	23.065	ug/l		97
12) 1,1-Dichloroethene	3.05	96	36766	5.660	ug/l		93
13) Acrolein	2.96	56	16478	26.976	ug/l		96
14) Allyl chloride	3.51	41	71716	5.248	ug/l		97
15) Acrylonitrile	4.05	53	95369	25.449	ug/l		95
16) Acetone	3.14	43	64054	27.114	ug/l		97
17) Carbon Disulfide	3.29	76	117413	5.258	ug/l		98
18) Methyl Acetate	3.53	43	25584	5.259	ug/l		97
19) Methyl tert-butyl Ether	4.09	73	151846	5.065	ug/l		99
20) Methylene Chloride	3.69	84	149690	7.430	ug/l		97
21) trans-1,2-Dichloroethene	4.06	96	88946	5.211	ug/l		95
22) Diisopropyl ether	4.83	45	326816	5.268	ug/l		99
23) Vinyl Acetate	4.77	43	913237	25.937	ug/l		97
24) 1,1-Dichloroethane	4.73	63	141493	5.051	ug/l		99
25) 2-Butanone	5.60	43	138359	21.709	ug/l		96
26) 2,2-Dichloropropane	5.56	77	114179	5.267	ug/l		100
27) cis-1,2-Dichloroethene	5.57	96	94207	5.280	ug/l		96
28) Bromochloromethane	5.90	49	71013	5.216	ug/l		99
29) Tetrahydrofuran	5.92	42	86114	25.194	ug/l		97
30) Chloroform	6.08	83	146404	5.175	ug/l		98
31) Cyclohexane	6.35	56	157752	5.818	ug/l	#	93
32) 1,1,1-Trichloroethane	6.27	97	119063	5.092	ug/l		98
36) 1,1-Dichloropropene	6.49	75	116179	5.261	ug/l		98
37) Ethyl Acetate	5.68	43	74077	4.858	ug/l		98
38) Carbon Tetrachloride	6.47	117	101705	4.959	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
Data File : VD060099.D
Acq On : 1 Oct 2018 16:24
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

Quant Time: Oct 02 05:48:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.02	83	126848	5.062	ug/l		99
40) Benzene	6.77	78	296402	5.259	ug/l		99
41) Methacrylonitrile	5.90	41	42357m	5.220	ug/l		
42) 1,2-Dichloroethane	6.87	62	82647	4.889	ug/l		99
43) Isopropyl Acetate	8.32	43	92324	4.569	ug/l	#	100
44) Trichloroethene	7.71	130	88702	5.067	ug/l		96
45) 1,2-Dichloropropane	8.08	63	74351	4.928	ug/l		98
46) Dibromomethane	8.20	93	48160	4.911	ug/l		96
47) Bromodichloromethane	8.47	83	101276	4.778	ug/l		100
48) Methyl methacrylate	8.23	41	52777	4.685	ug/l		95
49) 1,4-Dioxane	8.21	88	10332	92.168	ug/l		90
51) 4-Methyl-2-Pentanone	9.33	43	306288	22.096	ug/l		98
52) Toluene	9.54	92	186233	5.120	ug/l		95
53) t-1,3-Dichloropropene	9.90	75	90587	4.576	ug/l		95
54) cis-1,3-Dichloropropene	9.08	75	112344	4.756	ug/l		94
55) 1,1,2-Trichloroethane	10.16	97	60958	4.832	ug/l		96
56) Ethyl methacrylate	10.02	69	61854	4.448	ug/l		97
57) 1,3-Dichloropropane	10.37	76	91142	4.905	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.91	63	194032	28.294	ug/l		95
59) 2-Hexanone	10.47	43	214434	21.437	ug/l		100
60) Dibromochloromethane	10.63	129	68462	4.498	ug/l		95
61) 1,2-Dibromoethane	10.75	107	61159	4.697	ug/l		99
64) Tetrachloroethene	10.23	164	81400	5.175	ug/l		99
65) Chlorobenzene	11.30	112	202494	5.273	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.40	131	66005	5.109	ug/l		97
67) Ethyl Benzene	11.41	91	349227	5.664	ug/l		99
68) m/p-Xylenes	11.55	106	252561	11.122	ug/l		89
69) o-Xylene	11.93	106	122586	5.413	ug/l		98
70) Styrene	11.95	104	202422	5.323	ug/l		98
71) Bromoform	12.10	173	47362	4.283	ug/l		96
73) Isopropylbenzene	12.27	105	336457	5.438	ug/l		100
74) N-amyl acetate	12.12	43	118321	4.859	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.56	83	71475	5.096	ug/l		98
76) 1,2,3-Trichloropropane	12.59	75	68200	4.765	ug/l		92
77) Bromobenzene	12.53	156	97342	5.430	ug/l		98
78) n-propylbenzene	12.63	91	435918	5.620	ug/l		98
79) 2-Chlorotoluene	12.69	91	231837	5.305	ug/l		98
80) 1,3,5-Trimethylbenzene	12.78	105	269106	5.677	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.33	75	17901	4.151	ug/l		94
82) 4-Chlorotoluene	12.80	91	279993	5.827	ug/l		100
83) tert-Butylbenzene	13.04	119	291291	5.293	ug/l		99
84) 1,2,4-Trimethylbenzene	13.09	105	275179	5.423	ug/l		98
85) sec-Butylbenzene	13.22	105	357723	5.508	ug/l		98
86) p-Isopropyltoluene	13.33	119	291827	5.552	ug/l		99
87) 1,3-Dichlorobenzene	13.30	146	169772	5.456	ug/l		99
88) 1,4-Dichlorobenzene	13.38	146	172340	5.465	ug/l		97
89) n-Butylbenzene	13.64	91	302060	5.900	ug/l		100
90) Hexachloroethane	13.85	117	57682	4.438	ug/l		95
91) 1,2-Dichlorobenzene	13.65	146	152262	5.929	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.22	75	8855	4.133	ug/l		87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
Data File : VD060099.D
Acq On : 1 Oct 2018 16:24
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

Quant Time: Oct 02 05:48:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	115645	5.215 ug/l	98
94) Hexachlorobutadiene	14.87	225	75044	5.108 ug/l	96
95) Naphthalene	14.96	128	164874	4.821 ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	100398	5.169 ug/l	99

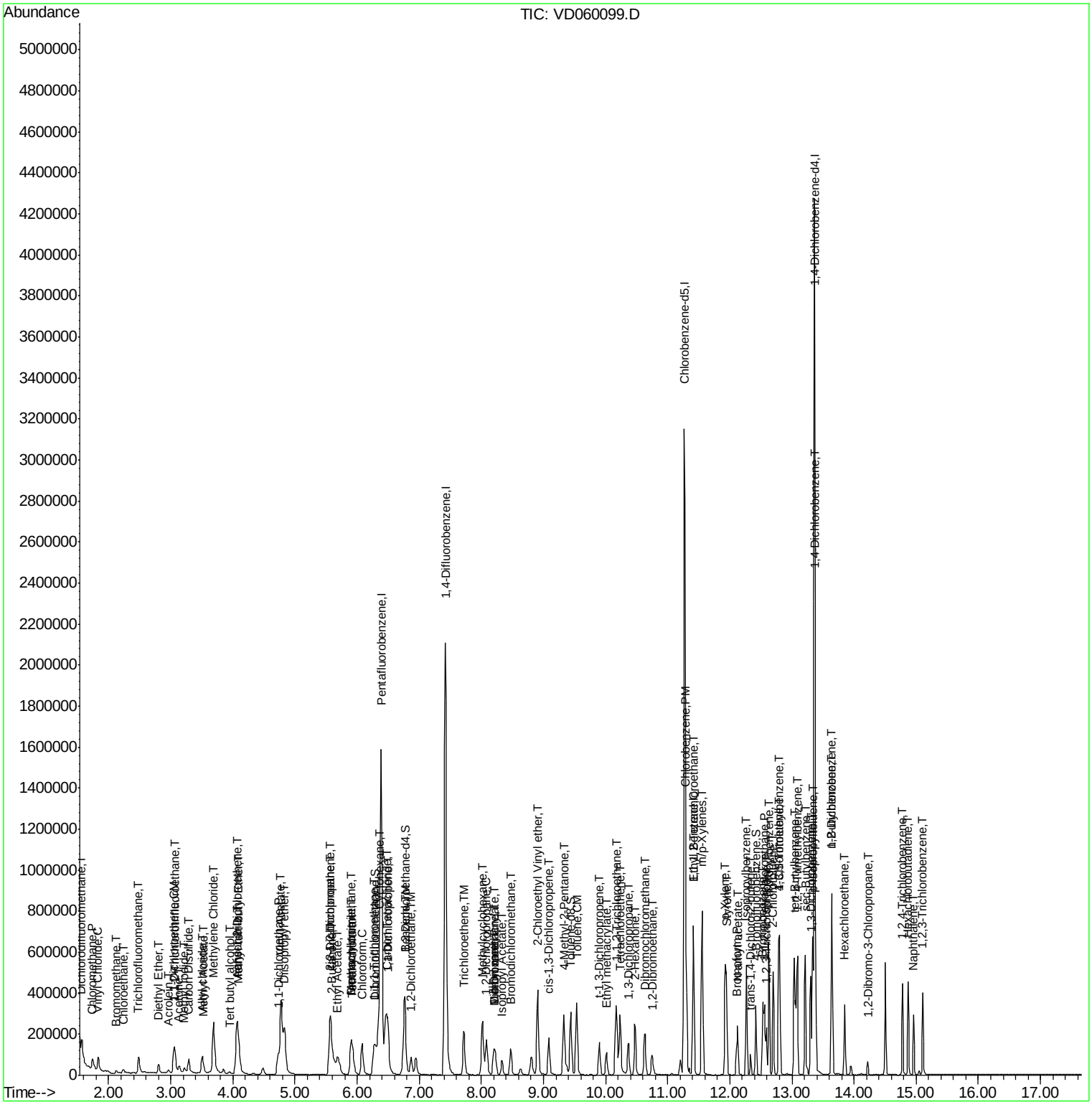
(#) = qualifier out of range (m) = manual integration (+) = signals summed

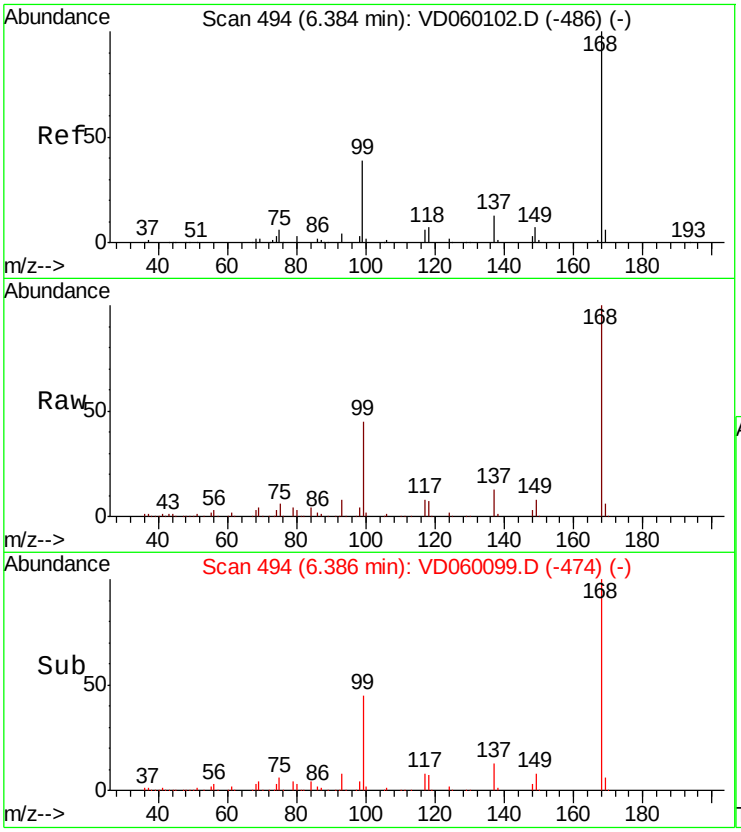
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100118\
Data File : VD060099.D
Acq On : 1 Oct 2018 16:24
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 05:48:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:08:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM





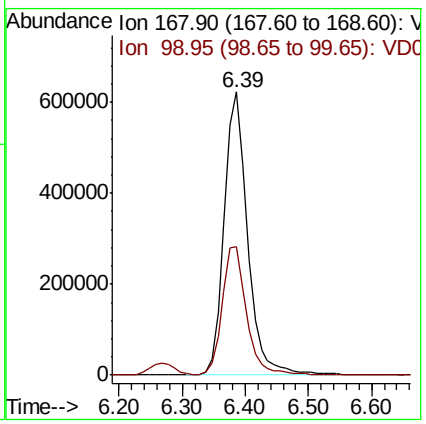
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

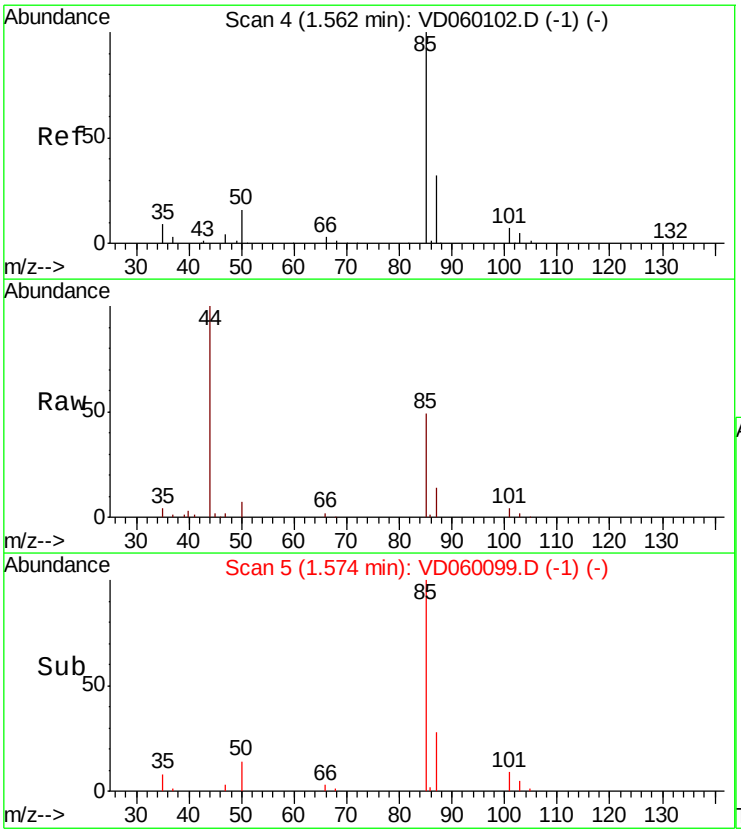
Tgt Ion:168 Resp: 1598506

Ion	Ratio	Lower	Upper
168	100		
99	45.3	35.4	53.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

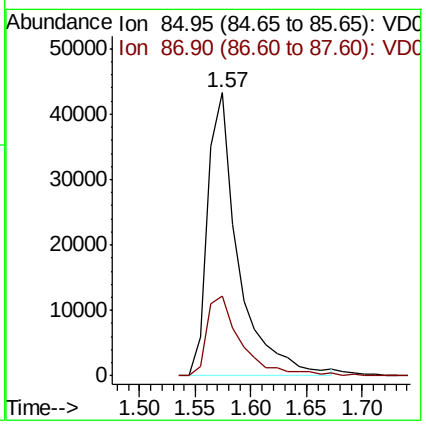


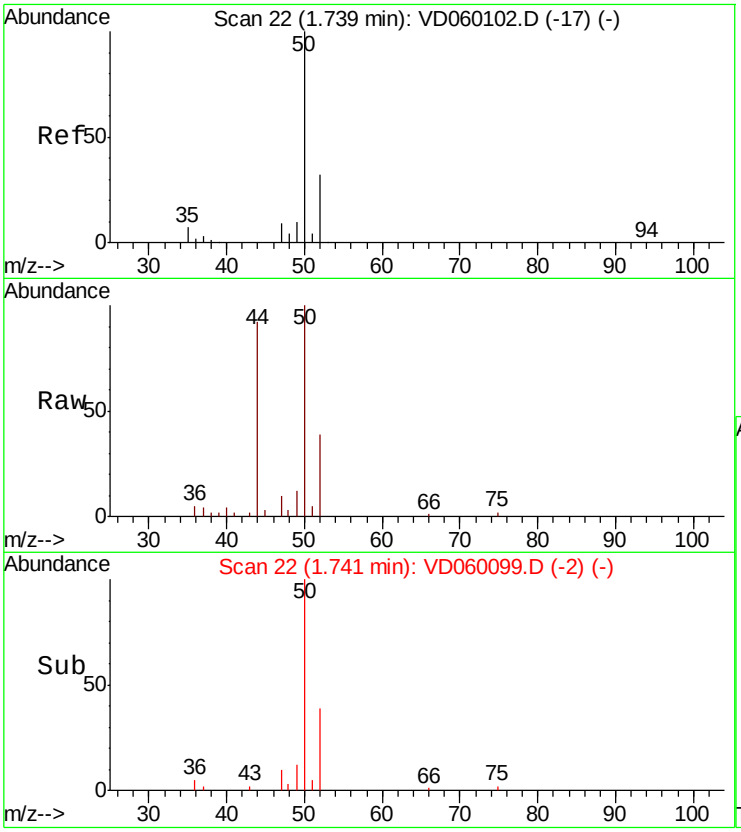


#2
Dichlorodifluoromethane
Concen: 5.047 ug/l m
RT: 1.57 min Scan# 5
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 85 Resp: 83404

Ion	Ratio	Lower	Upper
85	100		
87	28.1	15.9	47.6





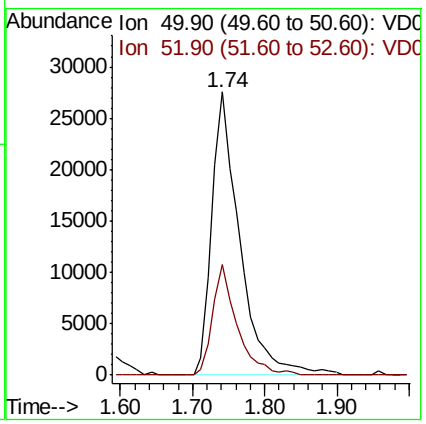
#3
Chloromethane
Concen: 4.995 ug/l
RT: 1.74 min Scan# 22
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

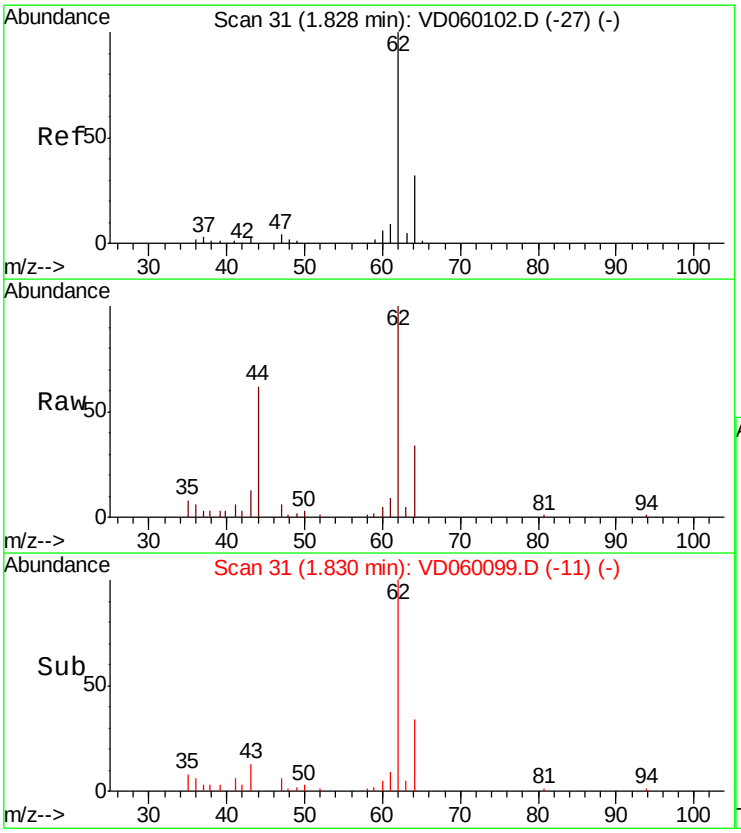
Tgt Ion: 50 Resp: 73881

Ion	Ratio	Lower	Upper
50	100		
52	39.0	25.3	37.9#

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

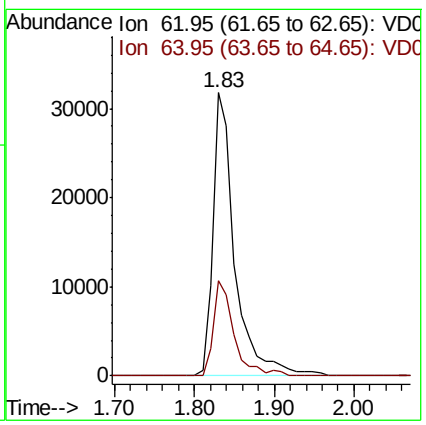


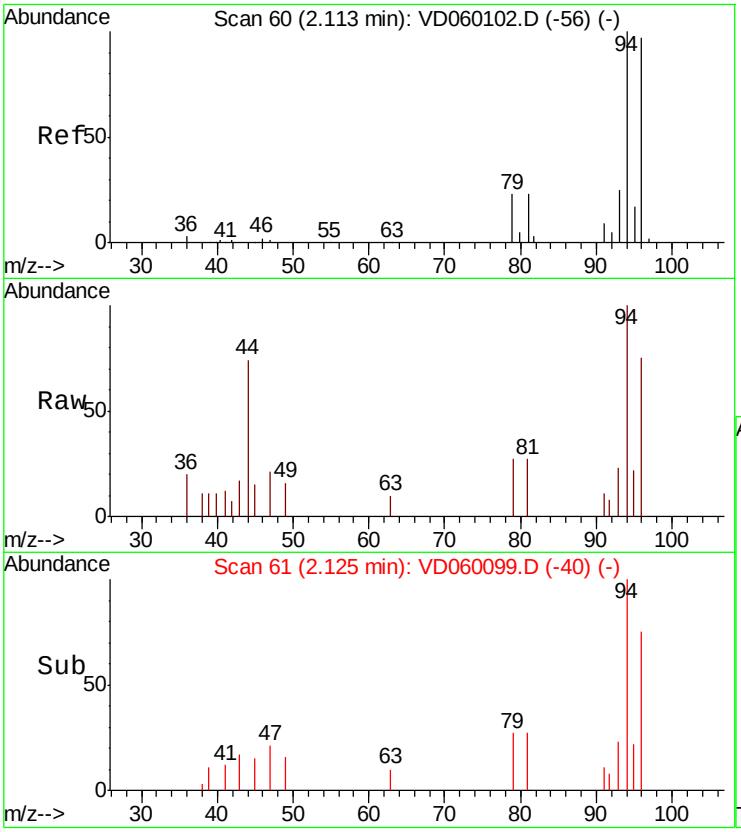


#4
Vinyl Chloride
Concen: 5.153 ug/l
RT: 1.83 min Scan# 31
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 62 Resp: 61183

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.2	37.8

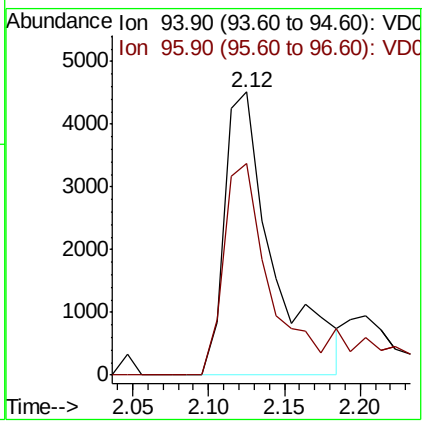




#5
Bromomethane
Concen: 7.389 ug/l
RT: 2.12 min Scan# 61
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

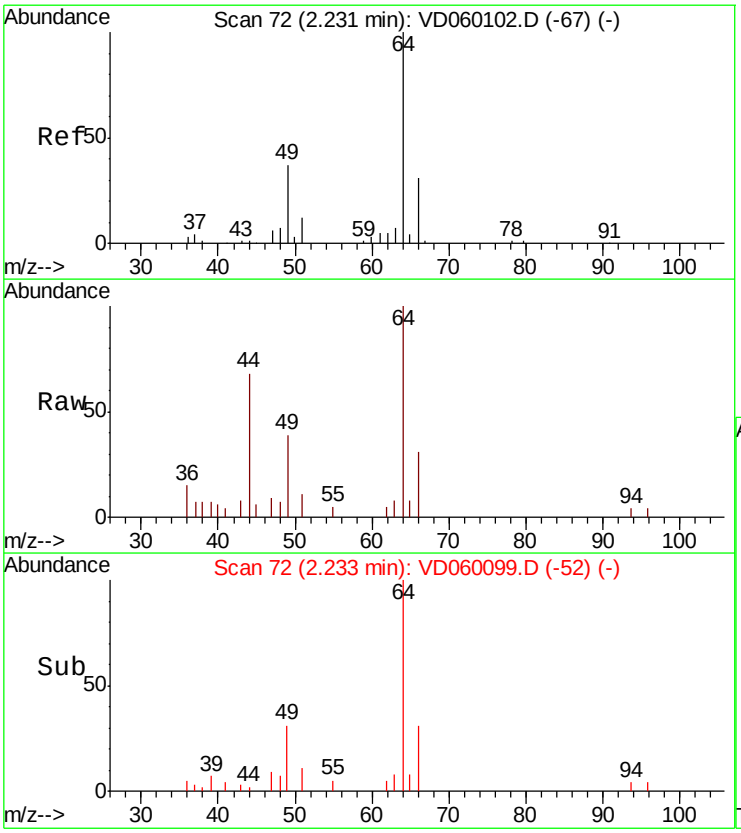
Tgt Ion: 94 Resp: 10180

Ion	Ratio	Lower	Upper
94	100		
96	74.7	77.4	116.2#



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

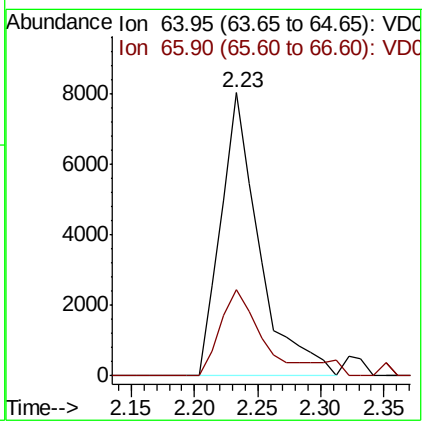
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

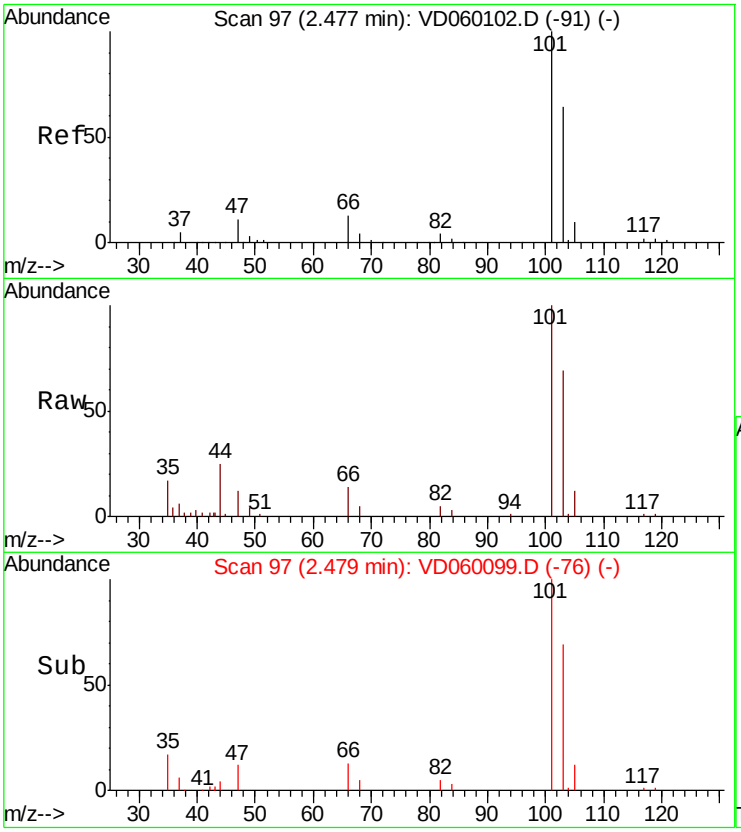


#6
Chloroethane
Concen: 6.399 ug/l
RT: 2.23 min Scan# 72
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 64 Resp: 16893

Ion	Ratio	Lower	Upper
64	100		
66	30.6	24.6	37.0

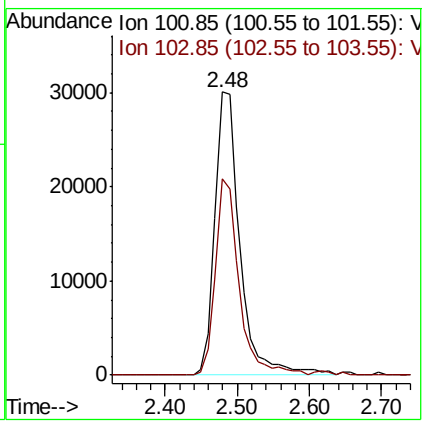




#7
Trichlorofluoromethane
Concen: 5.521 ug/l
RT: 2.48 min Scan# 97
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

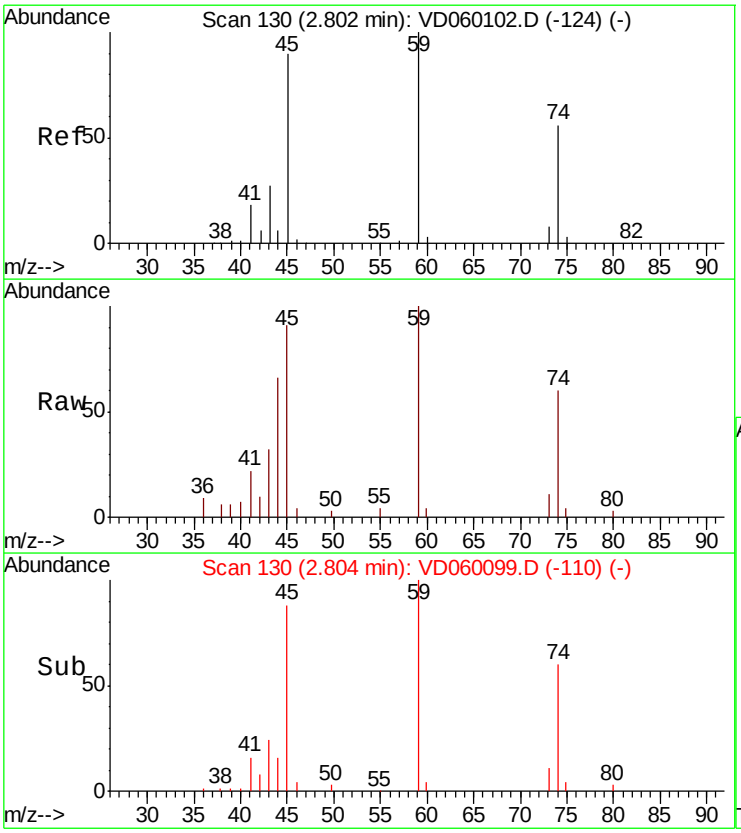
Tgt Ion:101 Resp: 72122

Ion	Ratio	Lower	Upper
101	100		
103	69.2	51.5	77.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

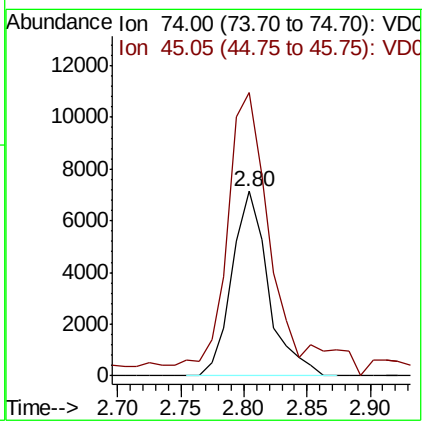
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

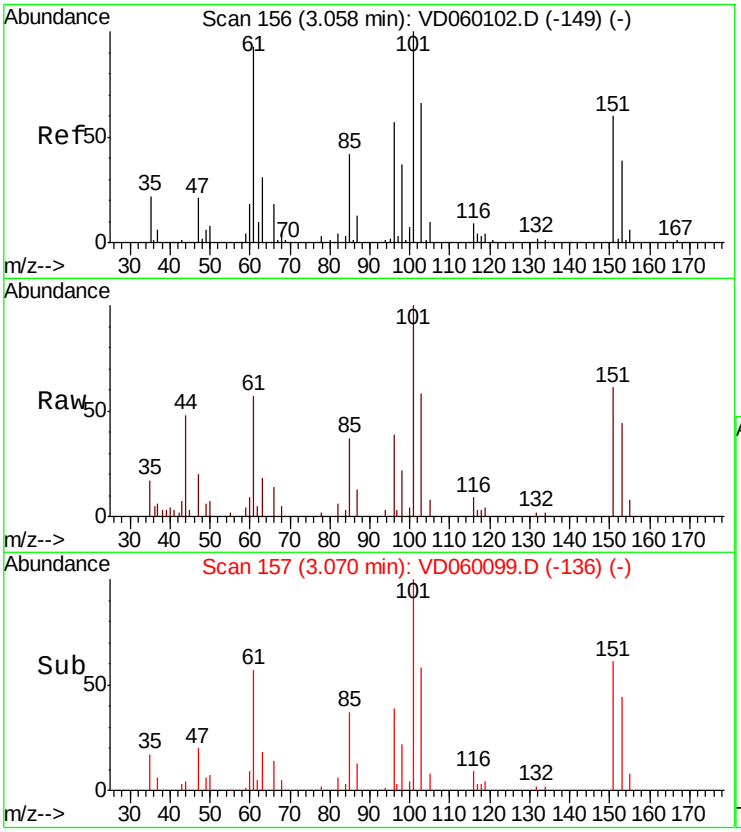


#8
Diethyl Ether
Concen: 5.139 ug/l
RT: 2.80 min Scan# 130
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 74 Resp: 14287

Ion	Ratio	Lower	Upper
74	100		
45	153.3	80.3	241.0





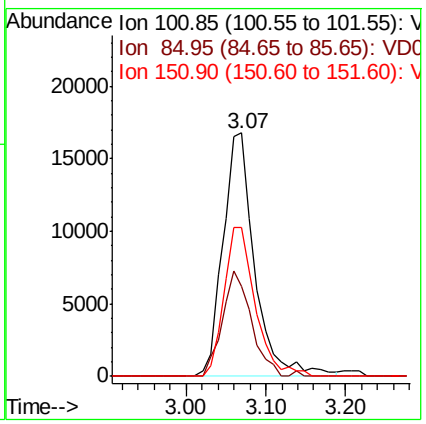
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.705 ug/l
RT: 3.07 min Scan# 157
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

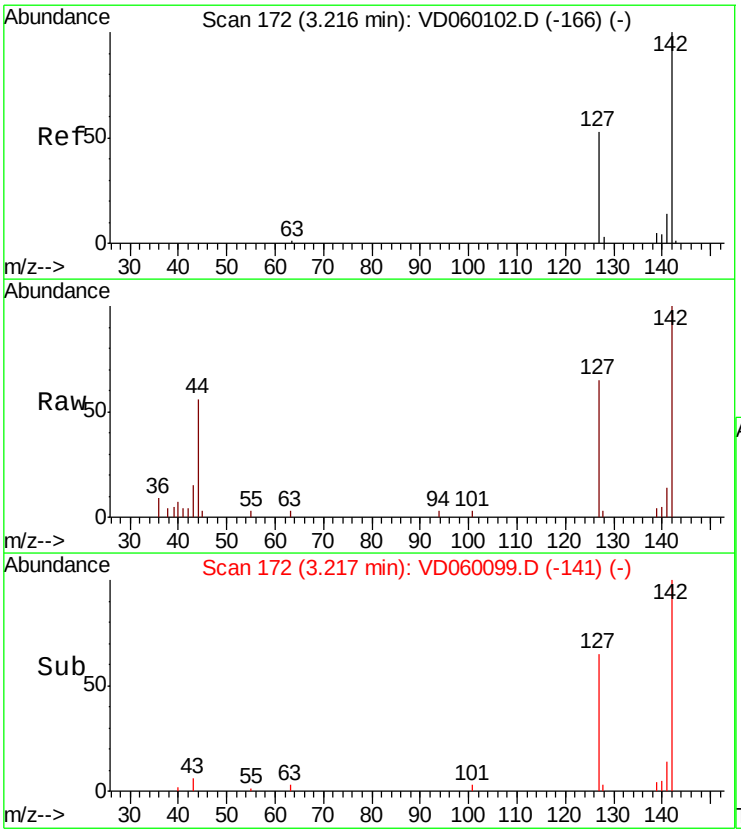
Tgt Ion:101 Resp: 46803

Ion	Ratio	Lower	Upper
101	100		
85	37.0	33.4	50.0
151	61.4	48.0	72.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

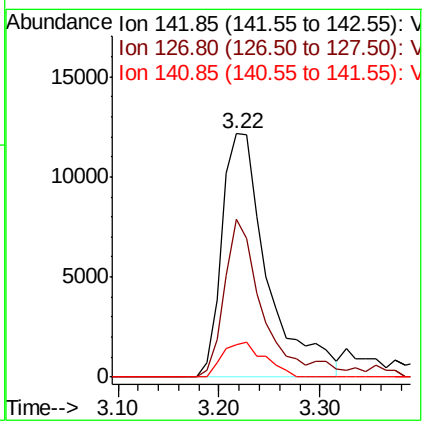


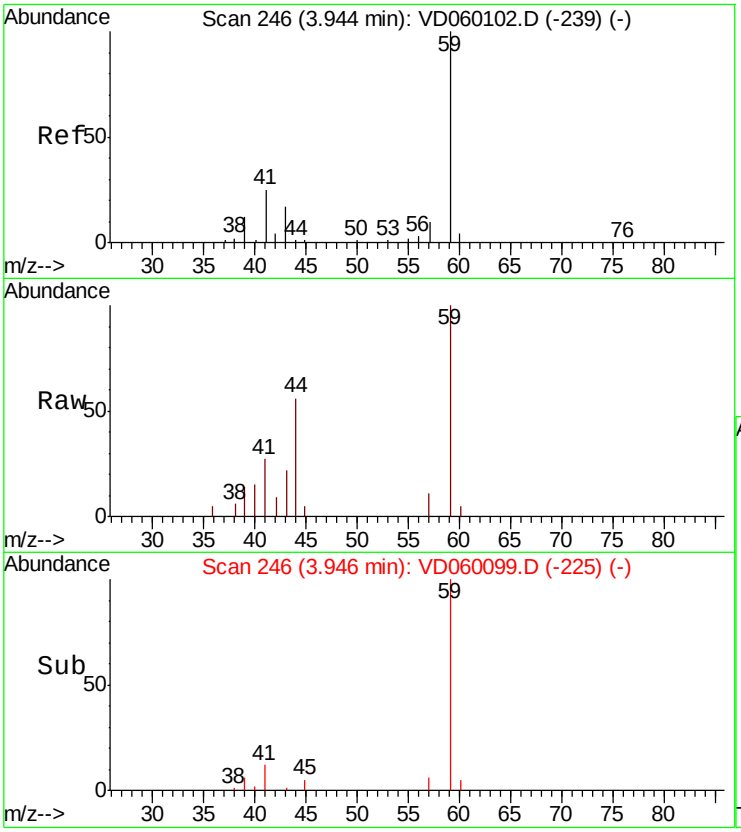


#10
Methyl Iodide
Concen: 4.364 ug/l
RT: 3.22 min Scan# 172
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:142 Resp: 38202

Ion	Ratio	Lower	Upper
142	100		
127	64.8	42.0	63.0#
141	13.5	11.4	17.0

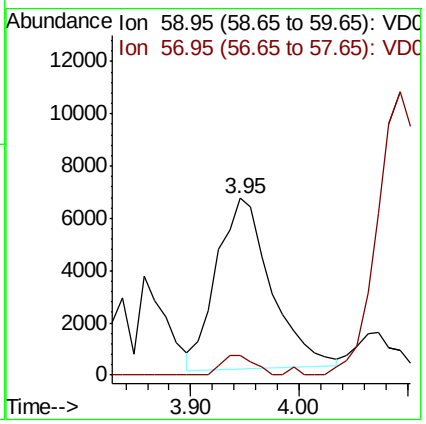




#11
Tert butyl alcohol
Concen: 23.065 ug/l
RT: 3.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

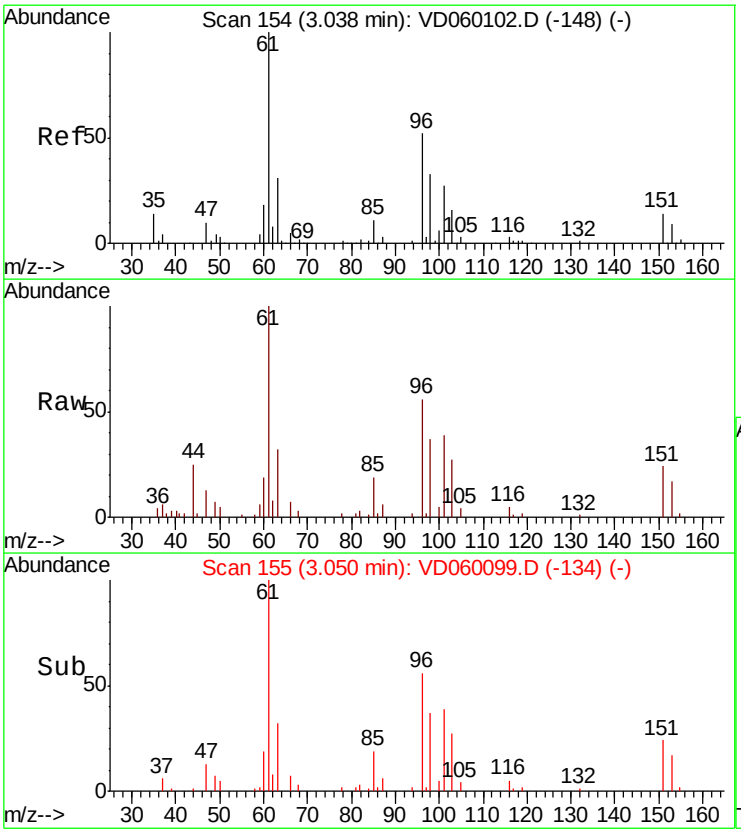
Tgt Ion: 59 Resp: 22805

Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.8	11.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

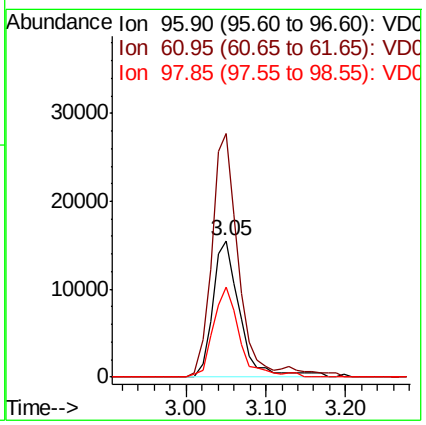
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

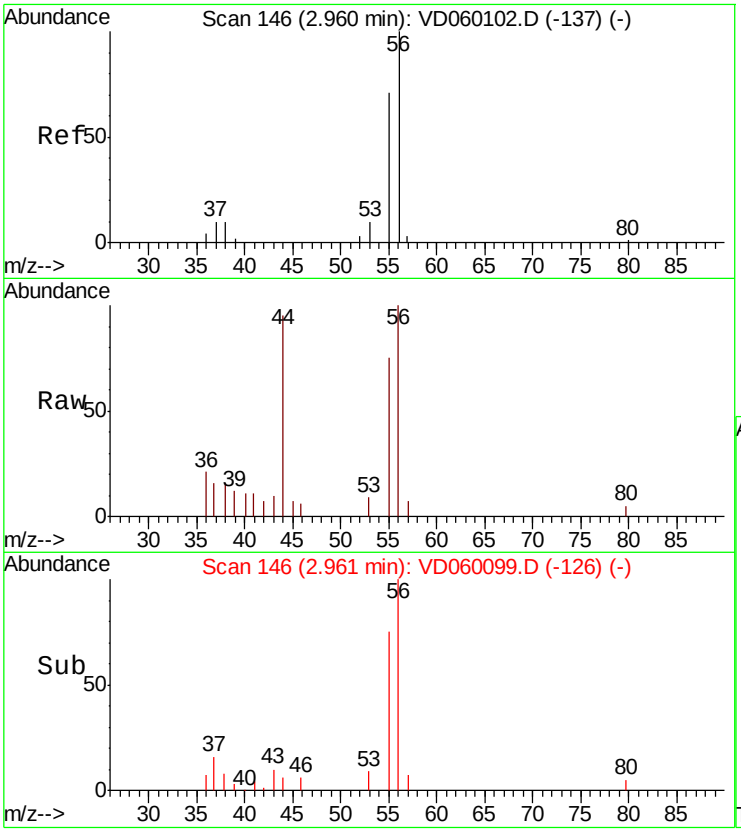


#12
1,1-Dichloroethene
Concen: 5.660 ug/l
RT: 3.05 min Scan# 155
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 96 Resp: 36766

Ion	Ratio	Lower	Upper
96	100		
61	178.4	153.0	229.4
98	65.8	51.1	76.7

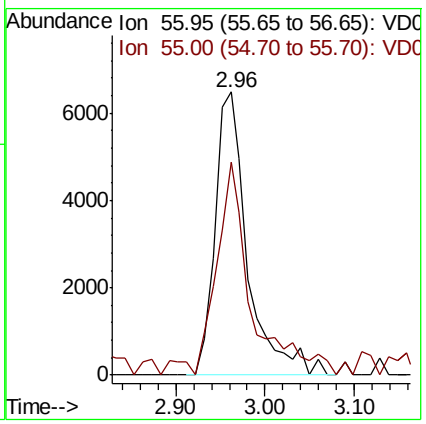




#13
Acrolein
Concen: 26.976 ug/l
RT: 2.96 min Scan# 146
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

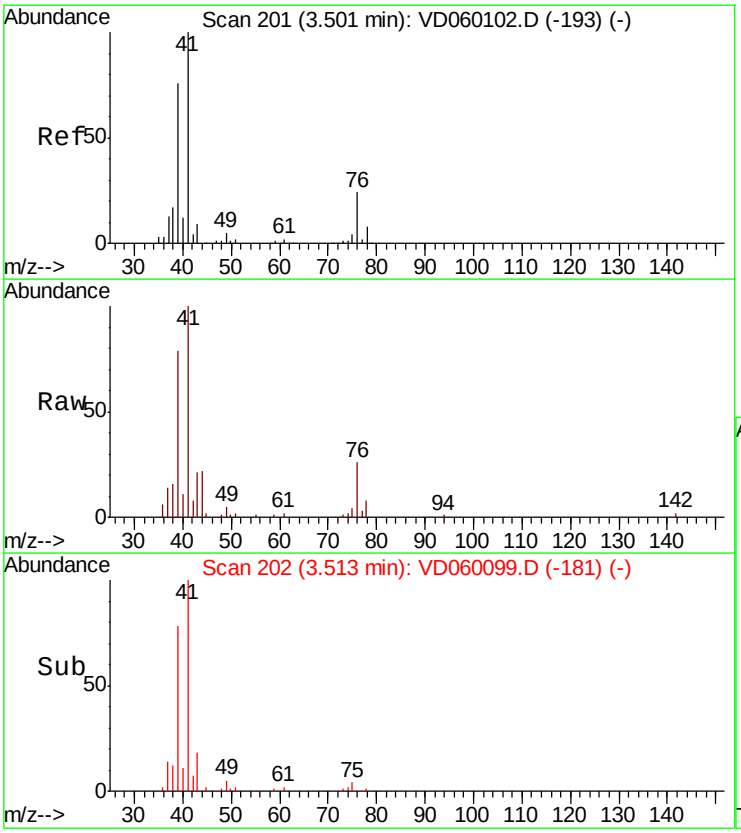
Tgt Ion: 56 Resp: 16478

Ion	Ratio	Lower	Upper
56	100		
55	75.4	57.4	86.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

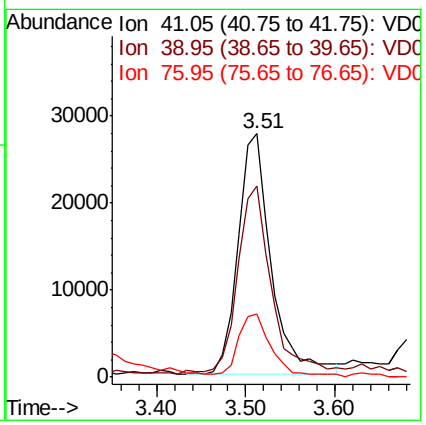
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

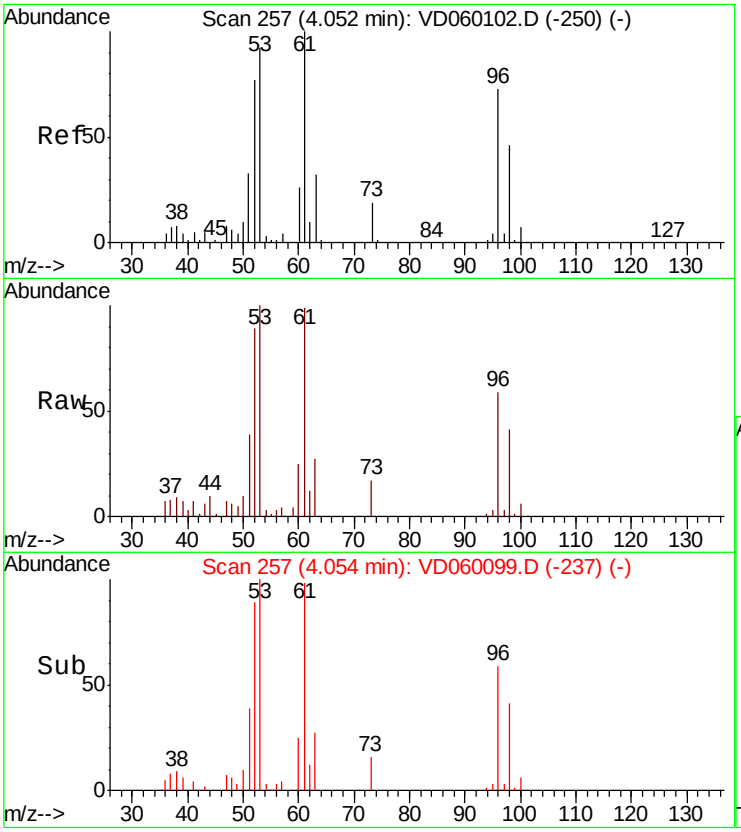


#14
Allyl chloride
Concen: 5.248 ug/l
RT: 3.51 min Scan# 202
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 41 Resp: 71716

Ion	Ratio	Lower	Upper
41	100		
39	78.6	60.6	90.8
76	25.9	21.3	31.9

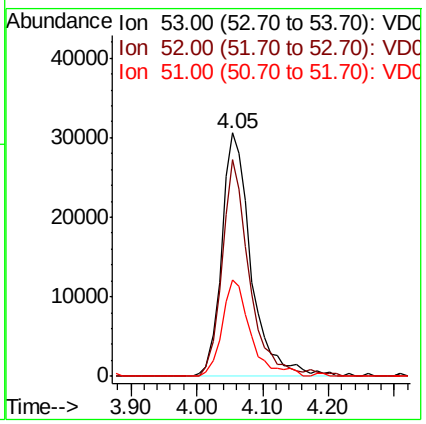




#15
Acrylonitrile
Concen: 25.449 ug/l
RT: 4.05 min Scan# 257
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

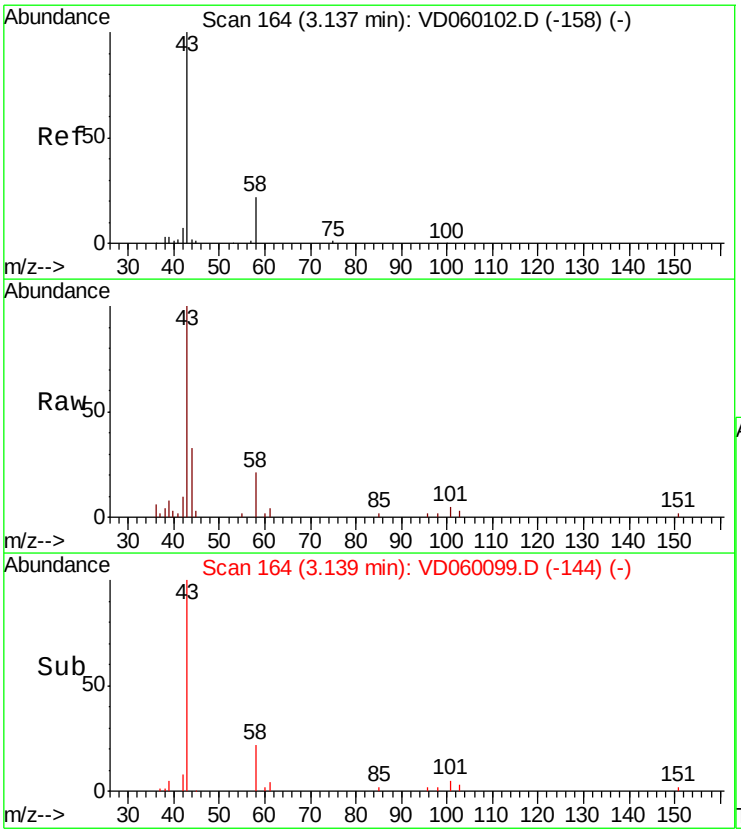
Tgt Ion: 53 Resp: 95369

Ion	Ratio	Lower	Upper
53	100		
52	88.8	67.5	101.3
51	39.4	29.3	43.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

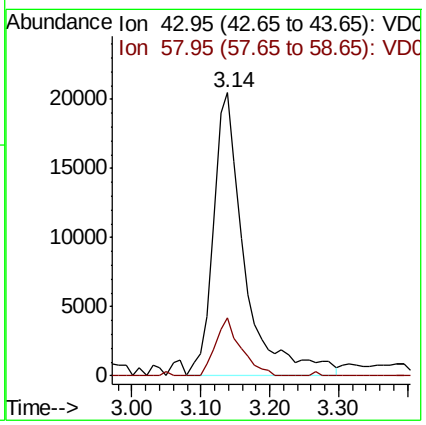
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

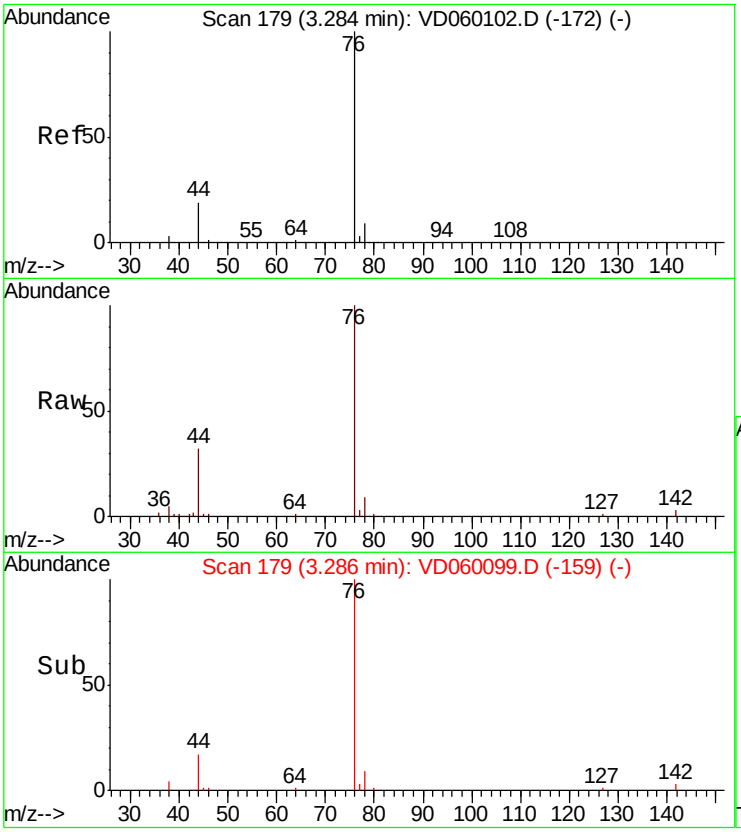


#16
Acetone
Concen: 27.114 ug/l
RT: 3.14 min Scan# 164
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 43 Resp: 64054

Ion	Ratio	Lower	Upper
43	100		
58	20.7	17.7	26.5

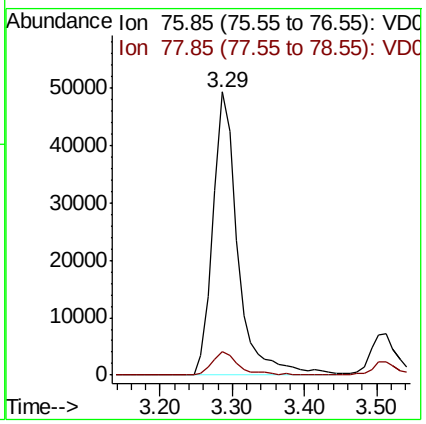




#17
Carbon Disulfide
Concen: 5.258 ug/l
RT: 3.29 min Scan# 179
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

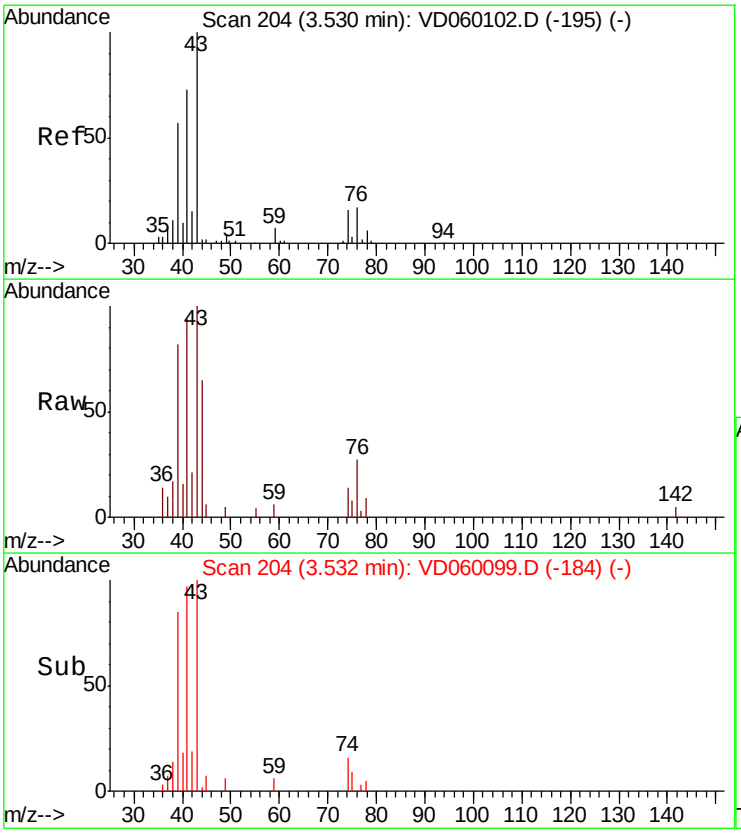
Tgt Ion: 76 Resp: 117413

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

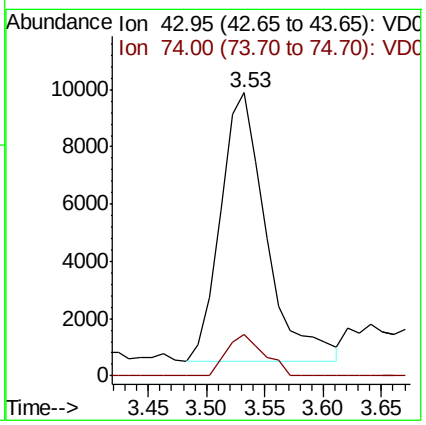
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

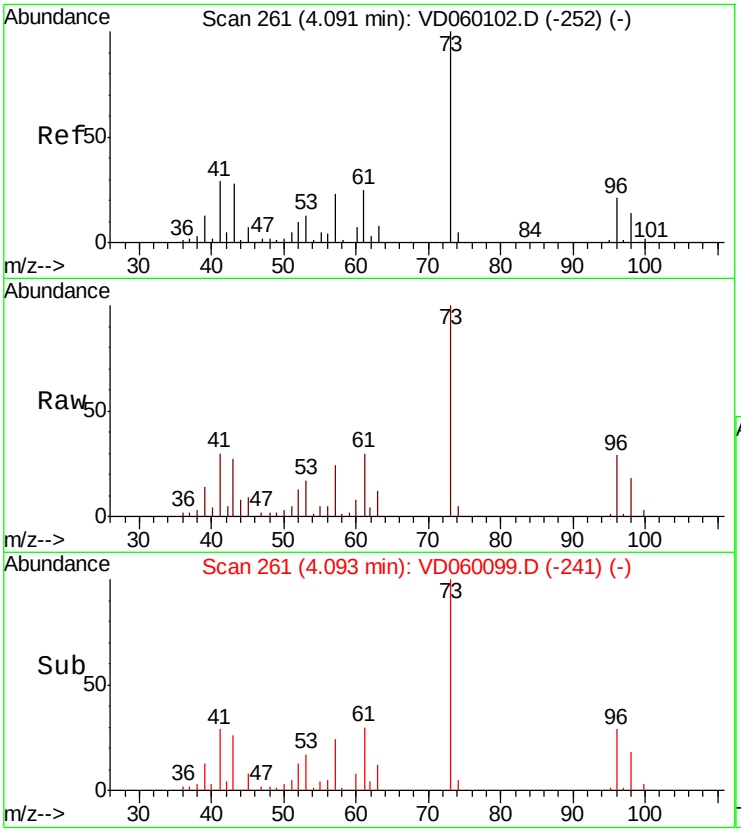


#18
Methyl Acetate
Concen: 5.259 ug/l
RT: 3.53 min Scan# 204
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 43 Resp: 25584

Ion	Ratio	Lower	Upper
43	100		
74	14.5	12.6	19.0





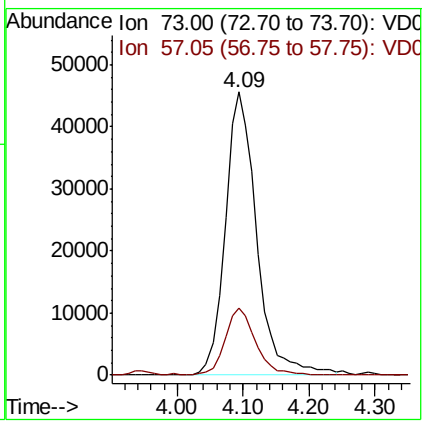
#19
Methyl tert-butyl Ether
Concen: 5.065 ug/l
RT: 4.09 min Scan# 261
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

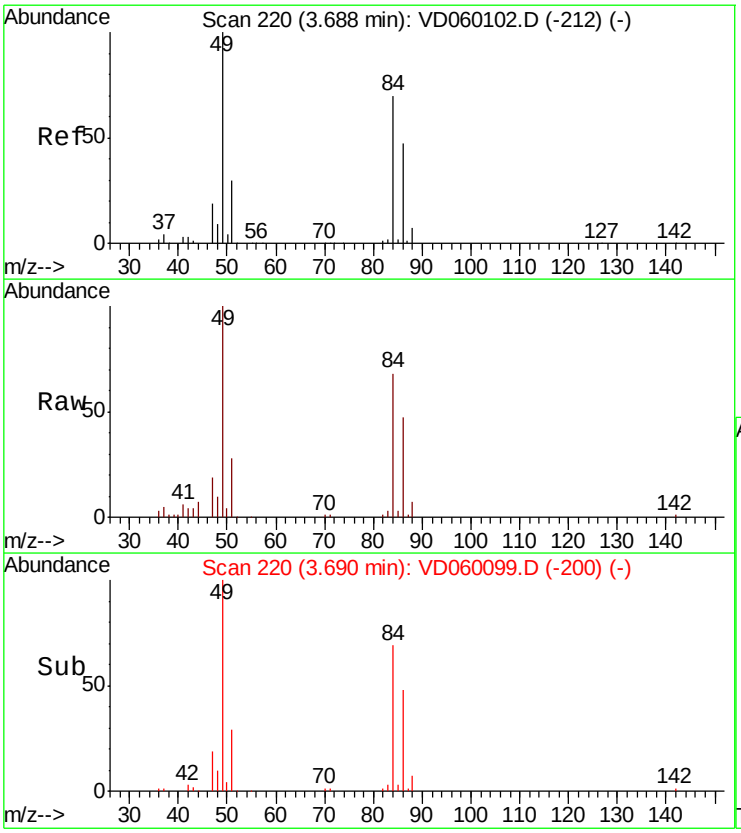
Tgt Ion: 73 Resp: 151846

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.7	28.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

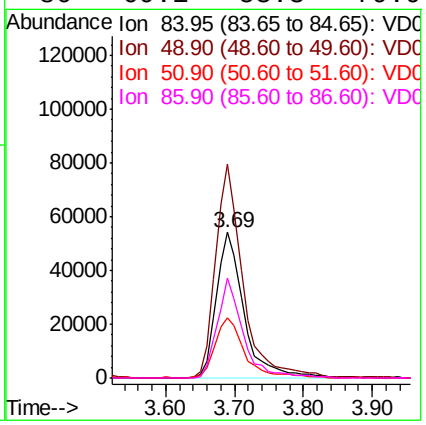


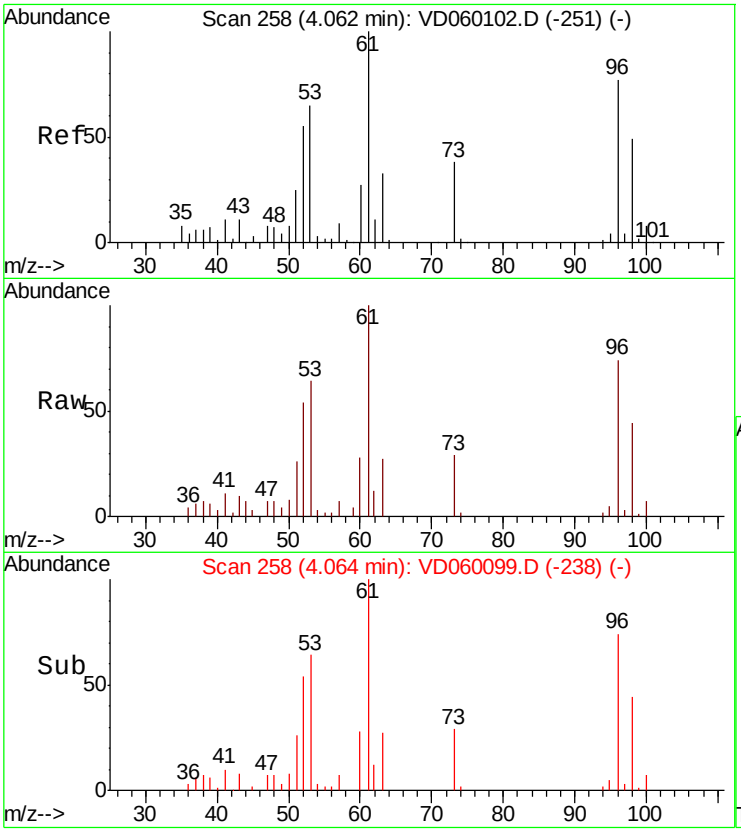


#20
Methylene Chloride
Concen: 7.430 ug/l
RT: 3.69 min Scan# 220
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 84 Resp: 149690

Ion	Ratio	Lower	Upper
84	100		
49	146.9	114.6	172.0
51	41.8	33.8	50.8
86	69.1	53.3	79.9

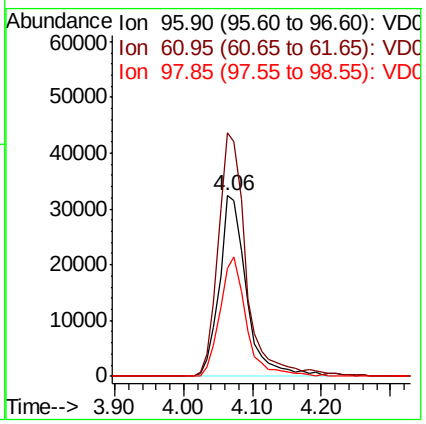




#21
trans-1,2-Dichloroethene
Concen: 5.211 ug/l
RT: 4.06 min Scan# 258
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

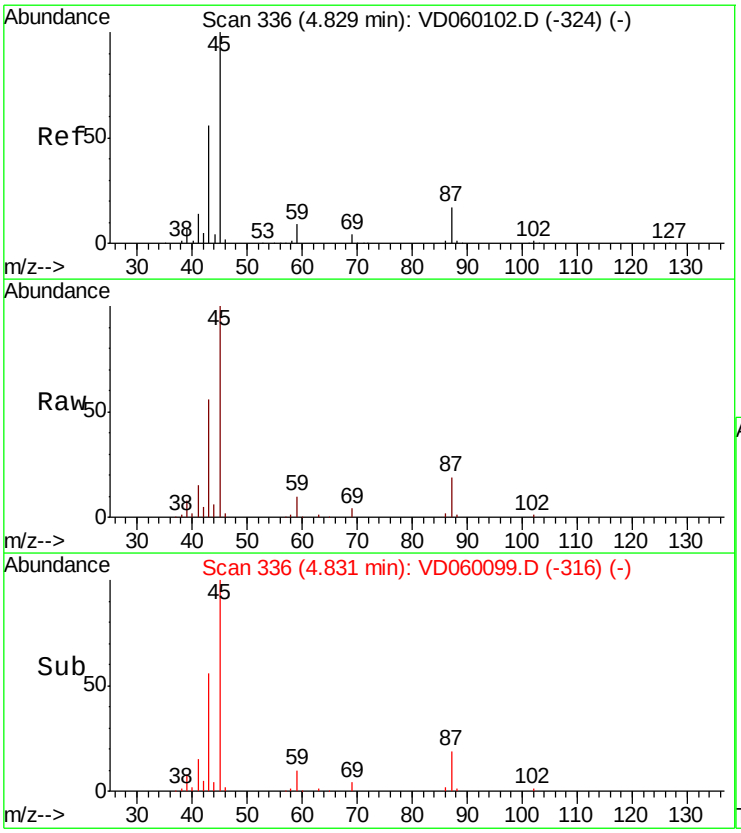
Tgt Ion: 96 Resp: 88946

Ion	Ratio	Lower	Upper
96	100		
61	135.0	103.3	154.9
98	59.8	50.4	75.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

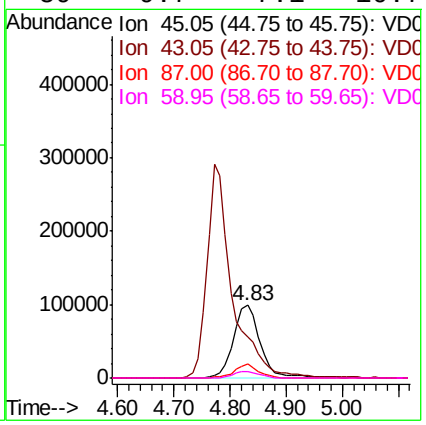
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

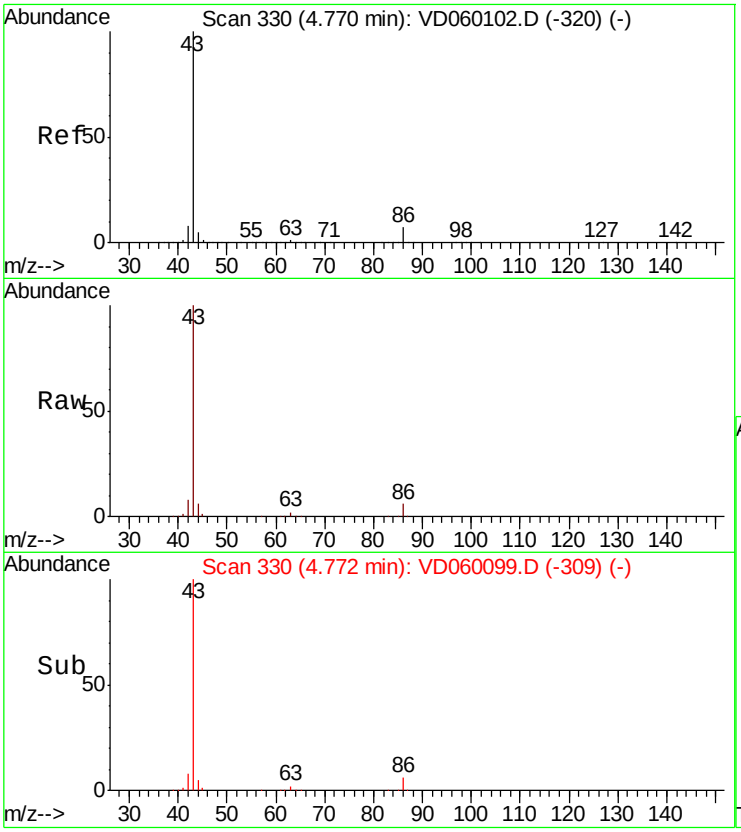


#22
Diisopropyl ether
Concen: 5.268 ug/l
RT: 4.83 min Scan# 336
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 45 Resp: 326816

Ion	Ratio	Lower	Upper
45	100		
43	56.3	44.8	67.2
87	18.6	13.9	20.9
59	9.7	7.1	10.7





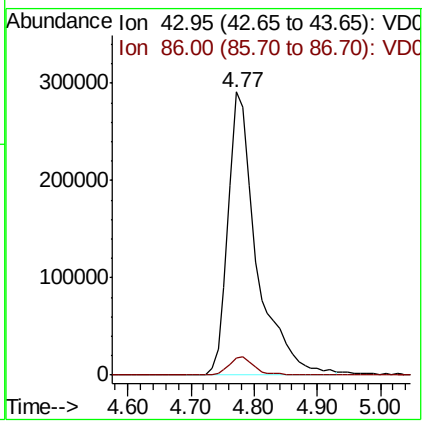
#23
Vinyl Acetate
Concen: 25.937 ug/l
RT: 4.77 min Scan# 330
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

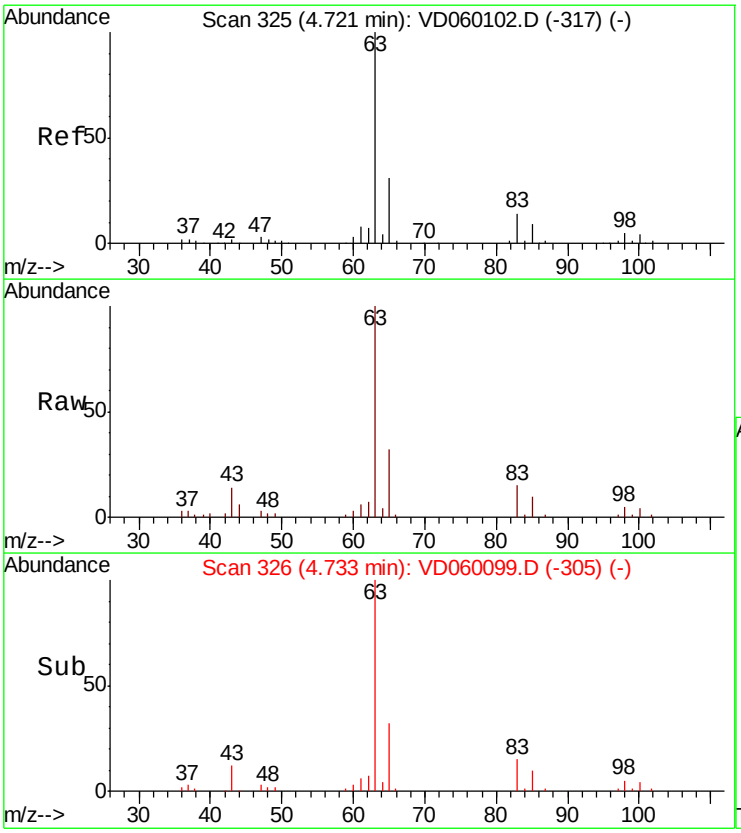
Tgt Ion: 43 Resp: 913237

Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.6	8.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

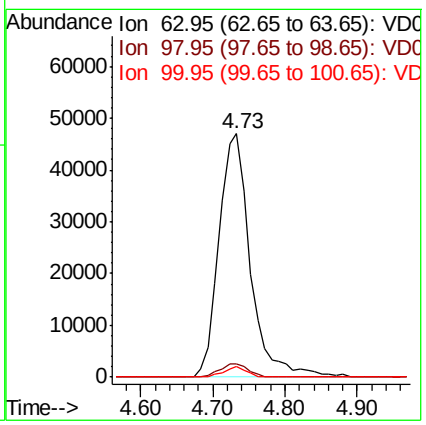


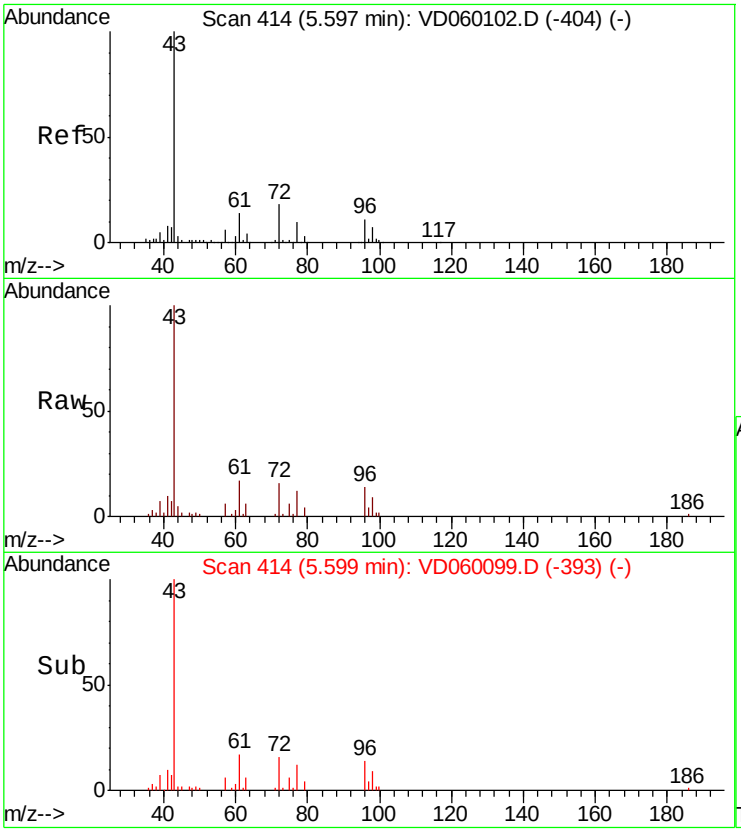


#24
1,1-Dichloroethane
Concen: 5.051 ug/l
RT: 4.73 min Scan# 326
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 63 Resp: 141493

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.8	8.3
100	4.2	1.8	5.3

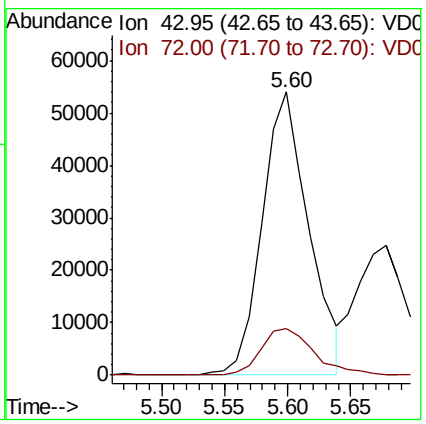




#25
2-Butanone
Concen: 21.709 ug/l
RT: 5.60 min Scan# 414
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

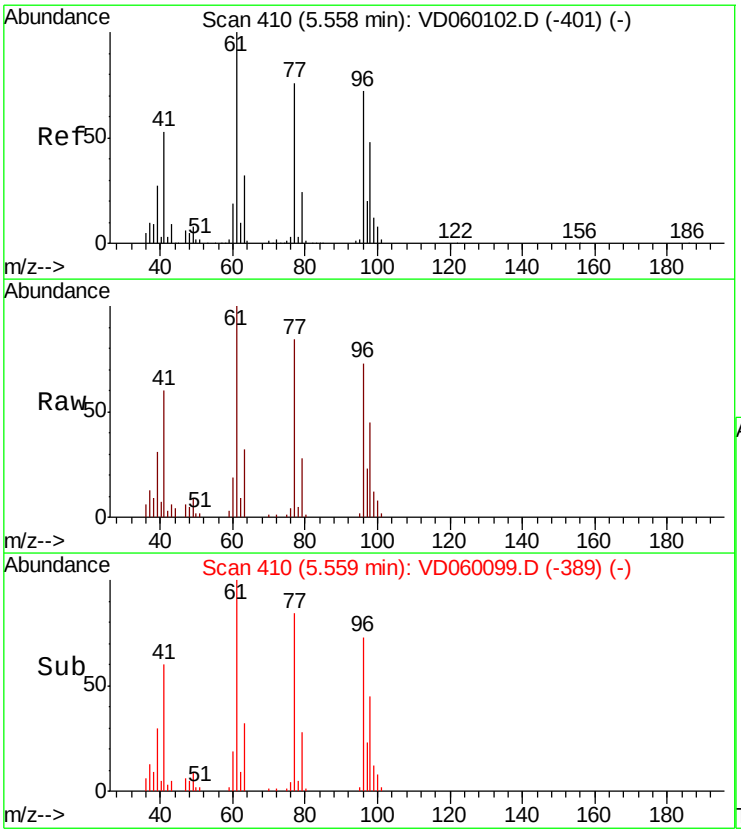
Tgt Ion: 43 Resp: 138359

Ion	Ratio	Lower	Upper
43	100		
72	16.5	14.5	21.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

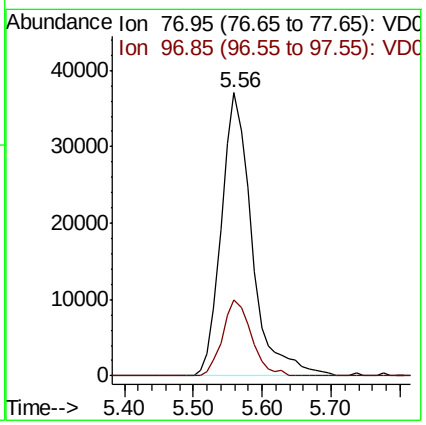
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

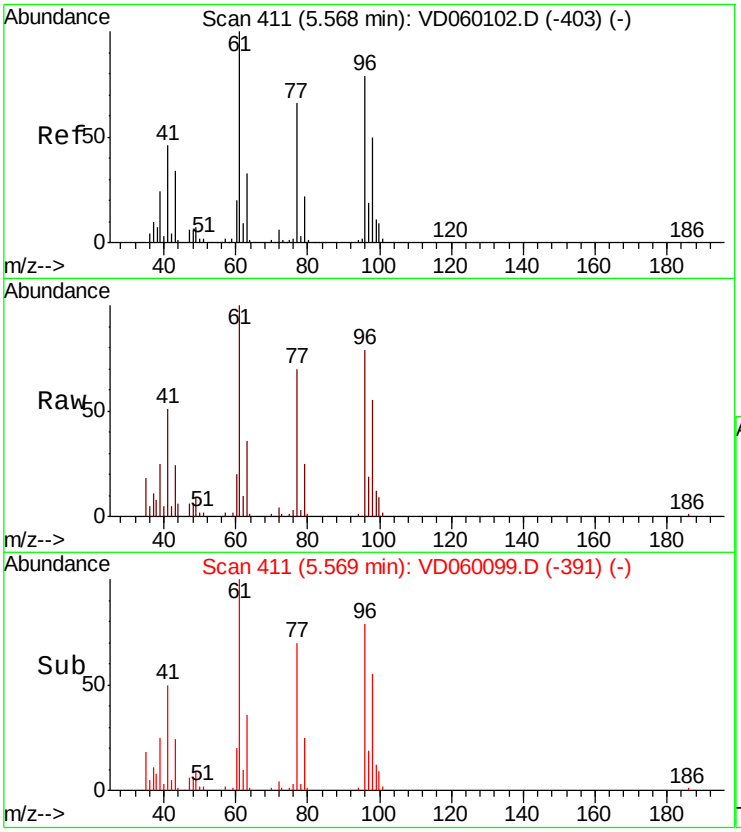


#26
2,2-Dichloropropane
Concen: 5.267 ug/l
RT: 5.56 min Scan# 410
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 77 Resp: 114179

Ion	Ratio	Lower	Upper
77	100		
97	26.9	13.3	39.9

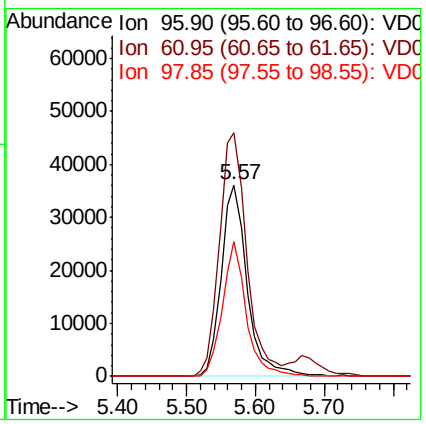




#27
cis-1,2-Dichloroethene
Concen: 5.280 ug/l
RT: 5.57 min Scan# 411
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

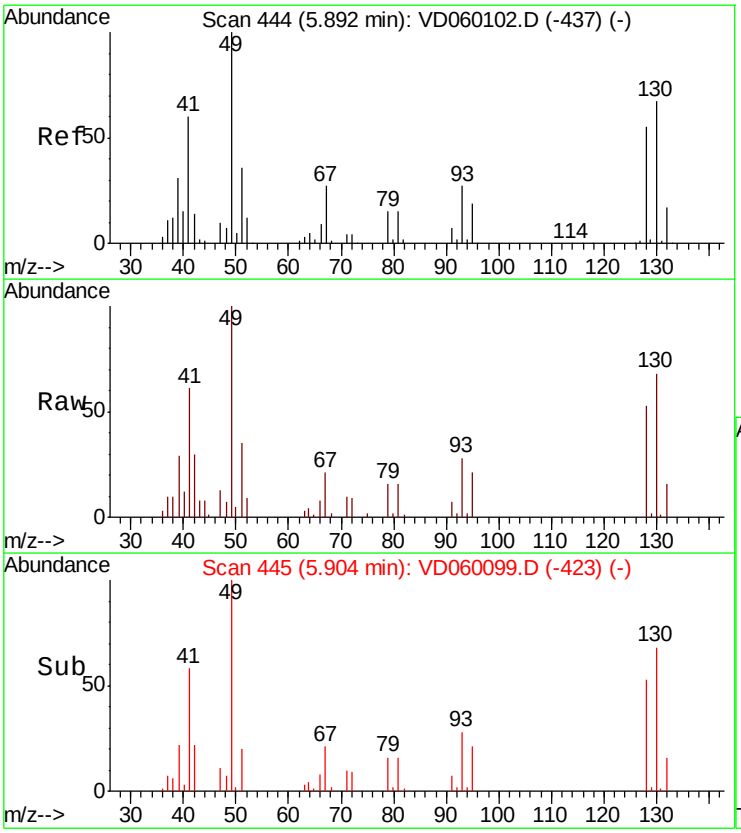
Tgt Ion: 96 Resp: 94207

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	251.8
98	70.5	0.0	125.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

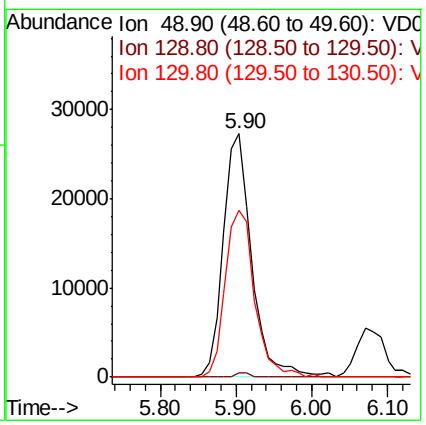
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

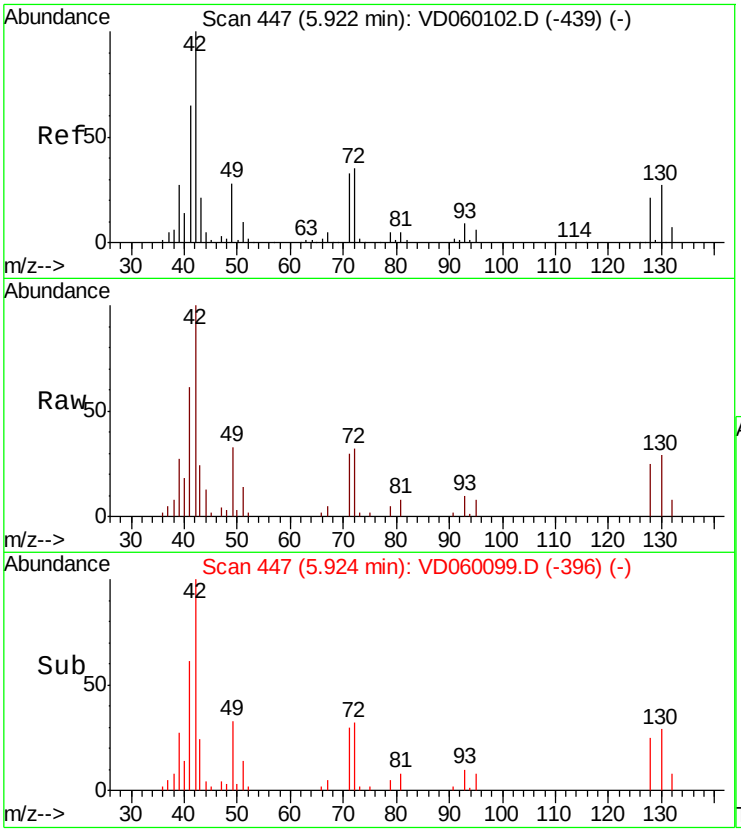


#28
Bromochloromethane
Concen: 5.216 ug/l
RT: 5.90 min Scan# 445
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 49 Resp: 71013

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.4	53.9	80.9

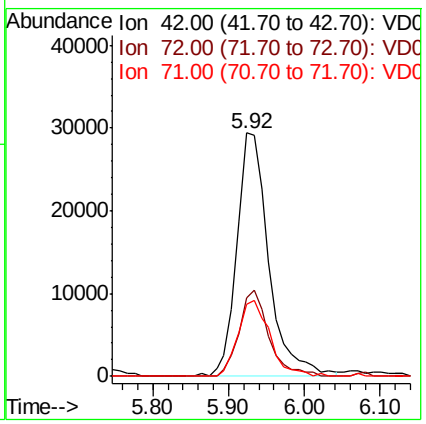




#29
Tetrahydrofuran
Concen: 25.194 ug/l
RT: 5.92 min Scan# 447
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

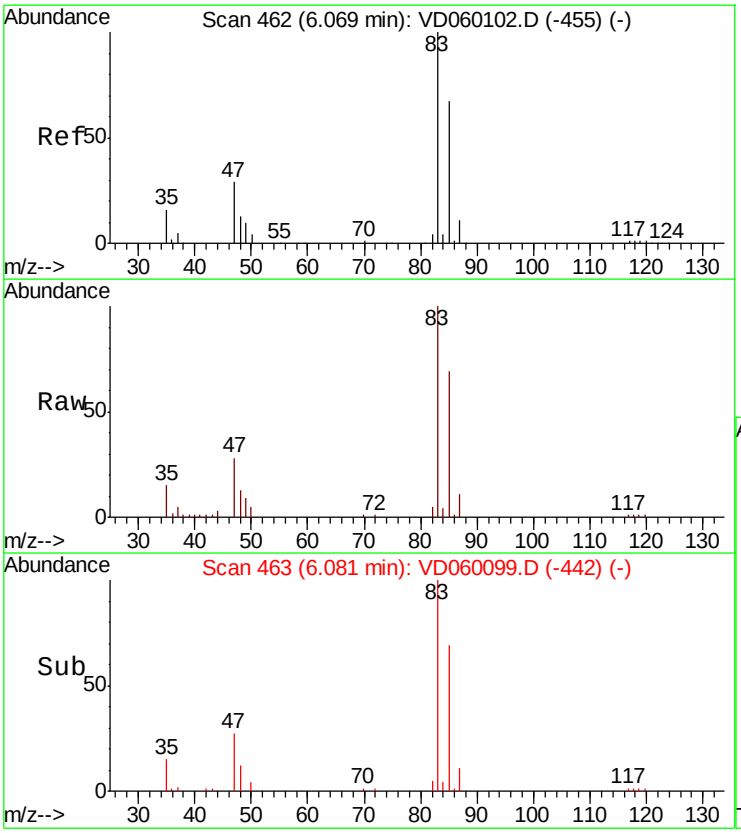
Tgt Ion: 42 Resp: 86114

Ion	Ratio	Lower	Upper
42	100		
72	32.9	26.9	40.3
71	31.2	26.7	40.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

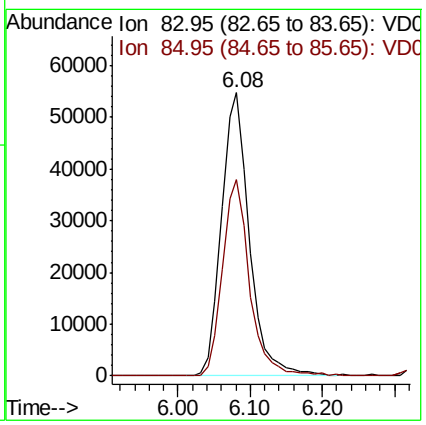
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

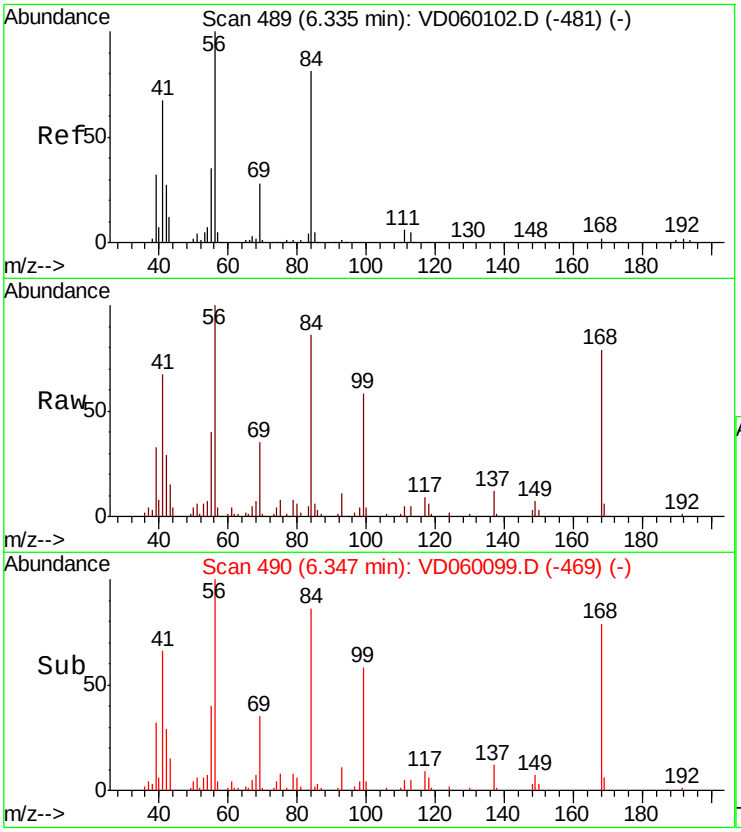


#30
Chloroform
Concen: 5.175 ug/l
RT: 6.08 min Scan# 463
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 83 Resp: 146404

Ion	Ratio	Lower	Upper
83	100		
85	69.2	53.8	80.8

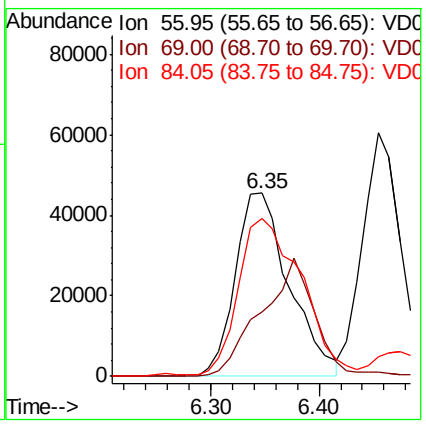




#31
Cyclohexane
Concen: 5.818 ug/l
RT: 6.35 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

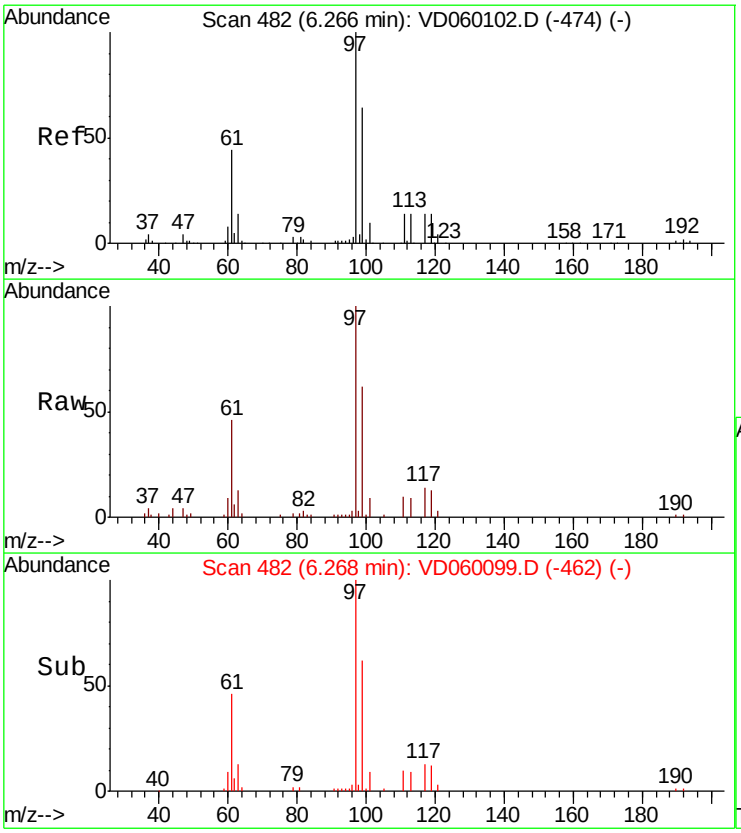
Tgt Ion: 56 Resp: 157752

Ion	Ratio	Lower	Upper
56	100		
69	34.9	22.8	34.2#
84	86.0	64.9	97.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

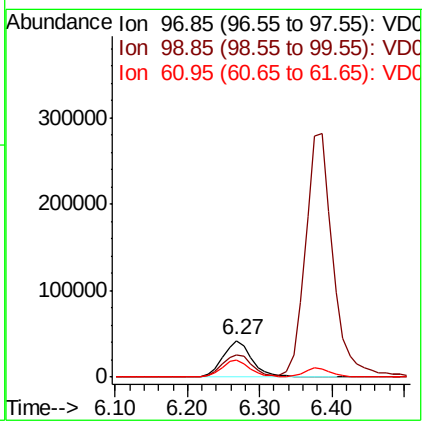
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

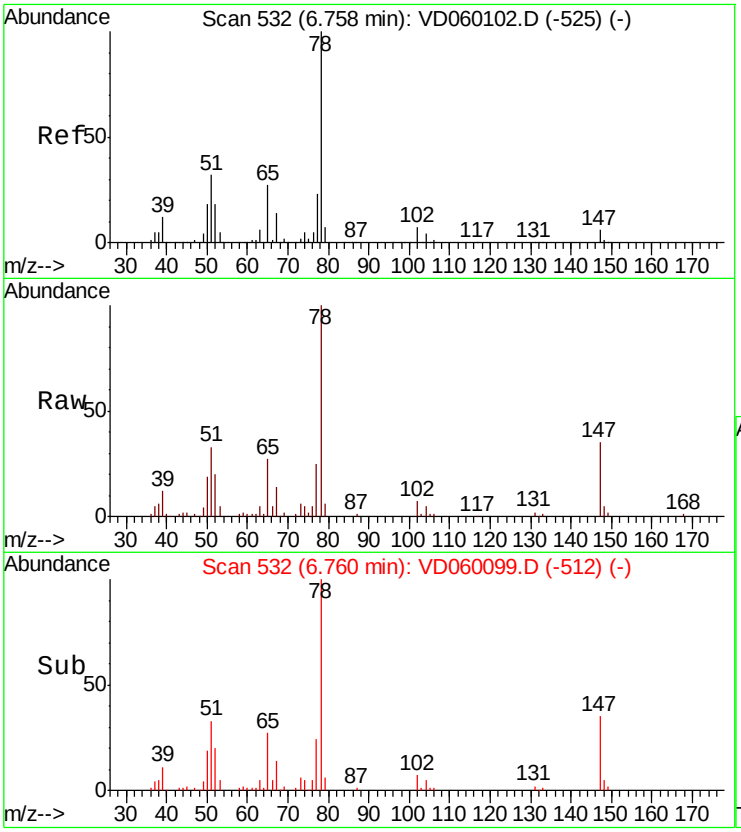


#32
1,1,1-Trichloroethane
Concen: 5.092 ug/l
RT: 6.27 min Scan# 482
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 97 Resp: 119063

Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.4	77.0
61	45.7	35.5	53.3

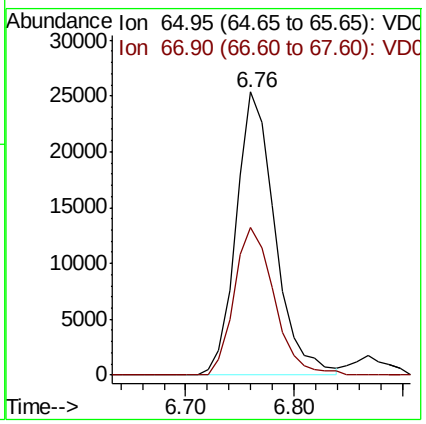




#33
1,2-Dichloroethane-d4
Concen: 5.092 ug/l
RT: 6.76 min Scan# 532
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

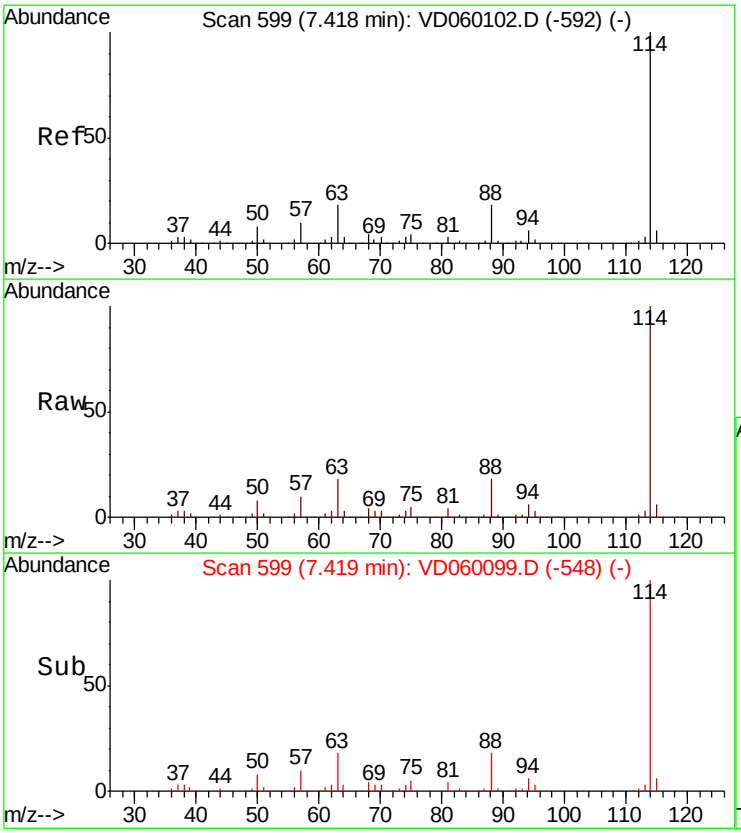
Tgt Ion: 65 Resp: 63158

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

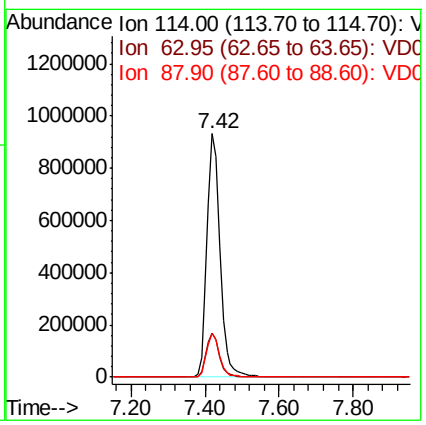
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

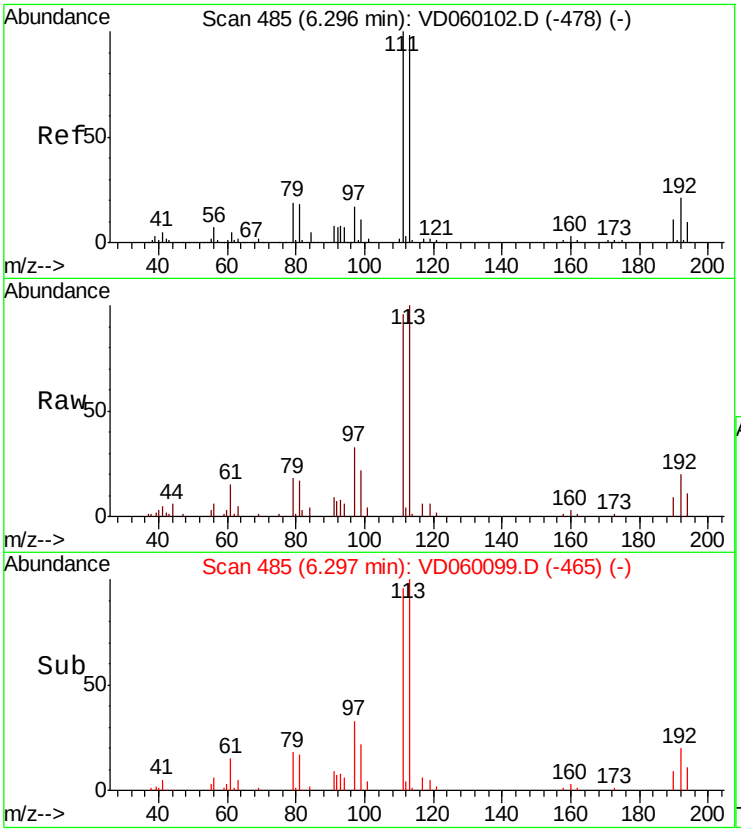


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:114 Resp: 2257213

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.0
88	18.0	0.0	36.2

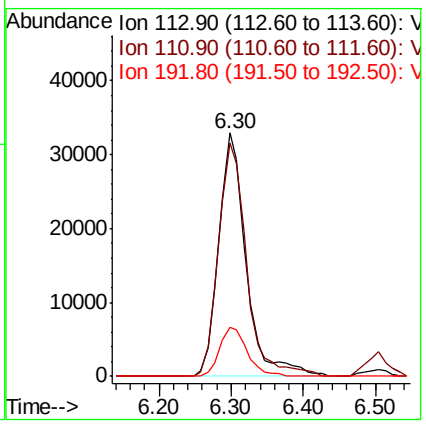




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

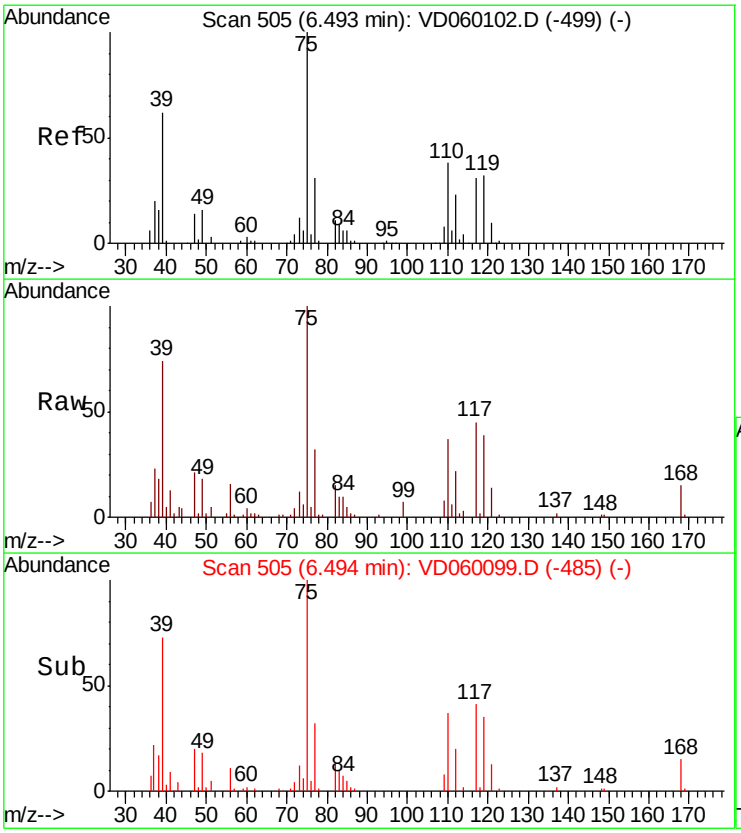
Tgt Ion:113 Resp: 86501

Ion	Ratio	Lower	Upper
113	100		
111	95.9	81.5	122.3
192	19.9	17.4	26.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

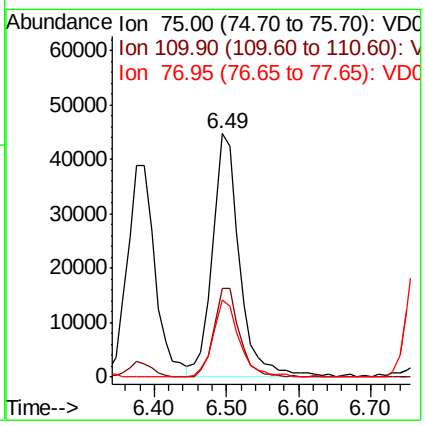
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

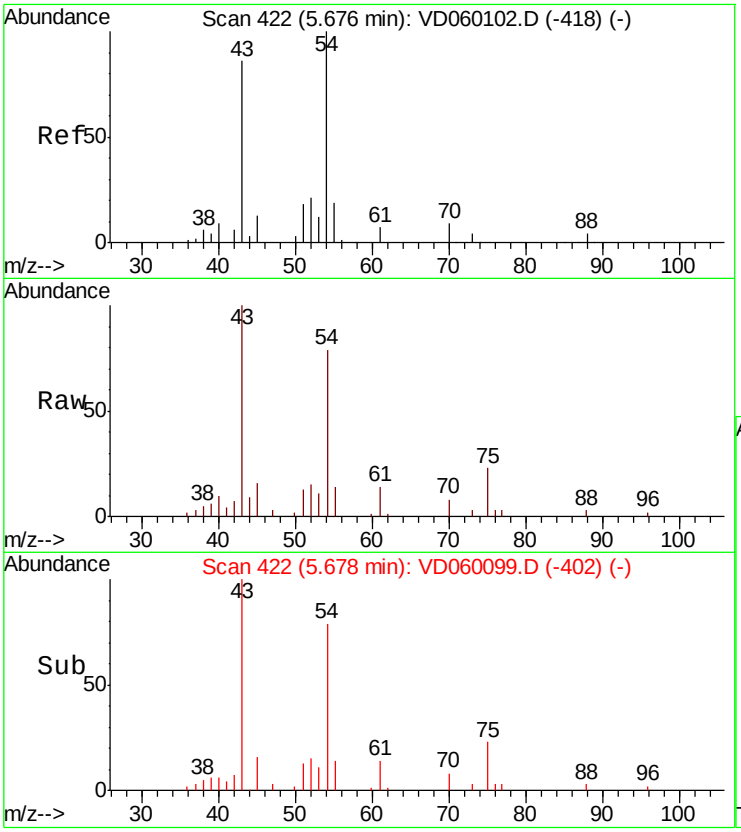


#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 6.49 min Scan# 505
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 75 Resp: 116179

Ion	Ratio	Lower	Upper
75	100		
110	36.6	19.0	57.0
77	31.6	24.9	37.3

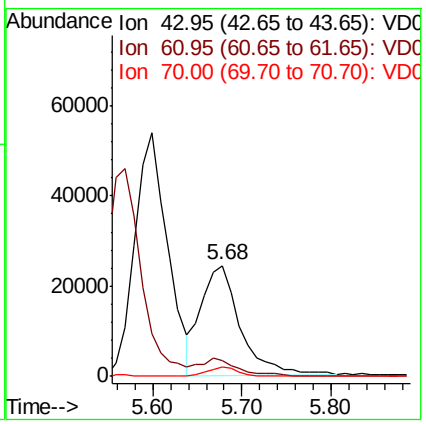




#37
Ethyl Acetate
Concen: 4.858 ug/l
RT: 5.68 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

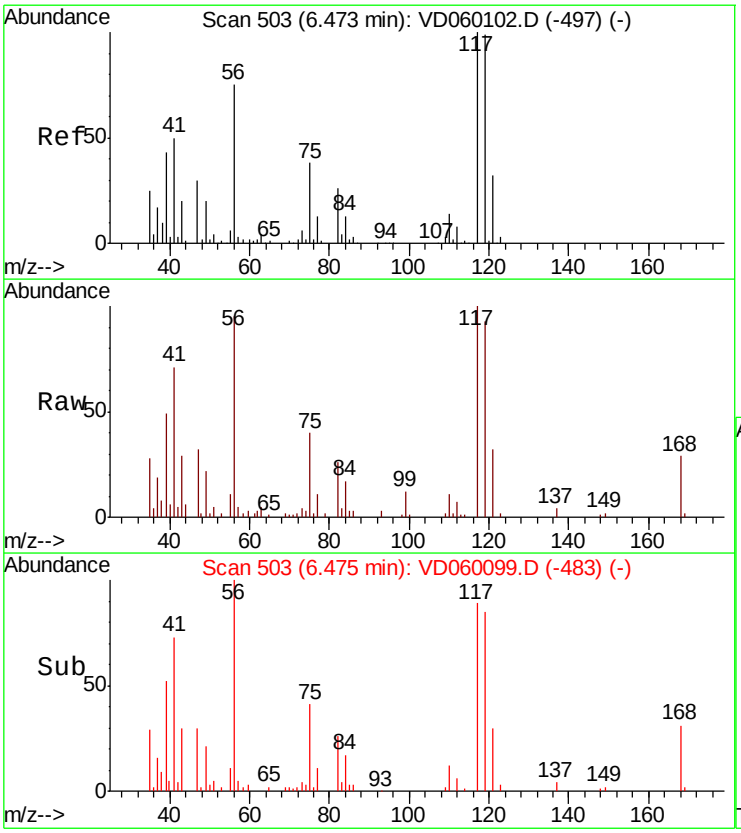
Tgt Ion: 43 Resp: 74077

Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.5	15.7
70	8.1	6.3	9.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

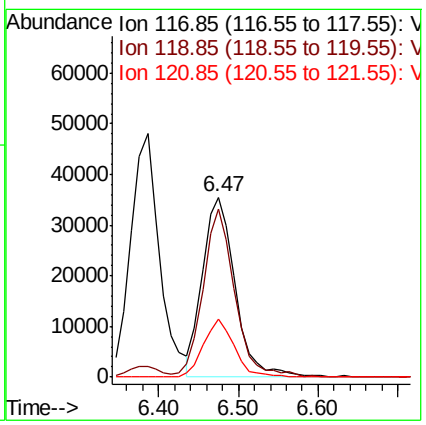
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

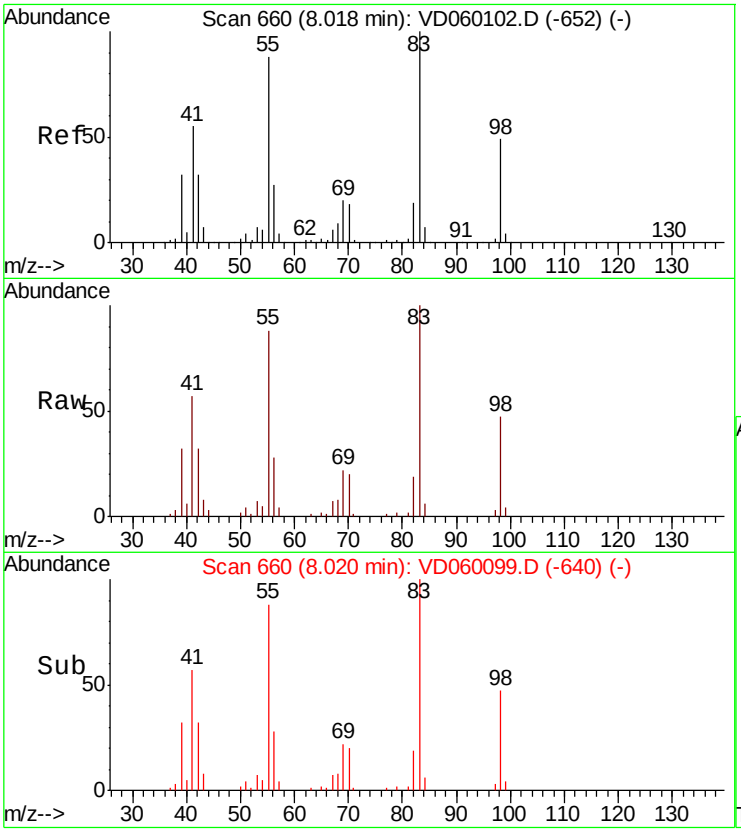


#38
Carbon Tetrachloride
Concen: 4.959 ug/l
RT: 6.47 min Scan# 503
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:117 Resp: 101705

Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.8	116.6
121	32.5	24.8	37.2

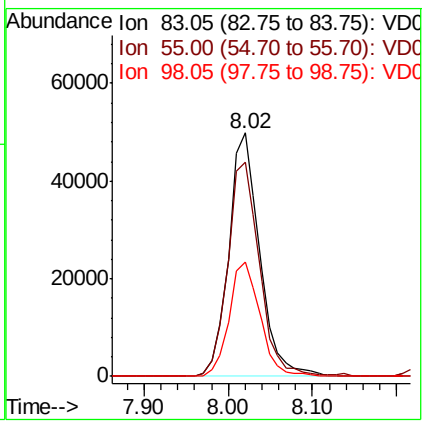




#39
Methylcyclohexane
Concen: 5.062 ug/l
RT: 8.02 min Scan# 660
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

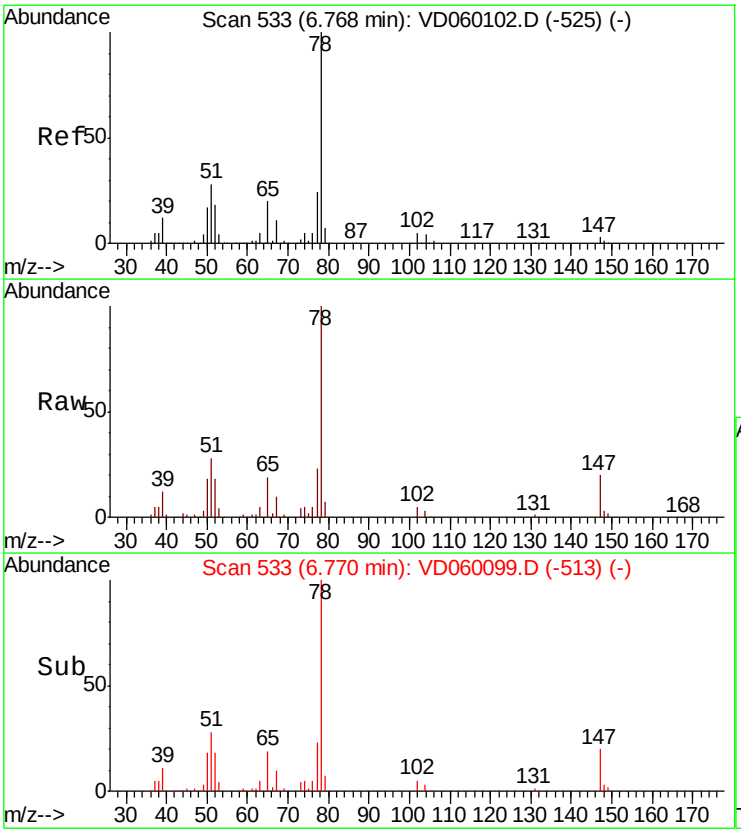
Tgt Ion: 83 Resp: 126848

Ion	Ratio	Lower	Upper
83	100		
55	88.0	70.5	105.7
98	46.9	39.4	59.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

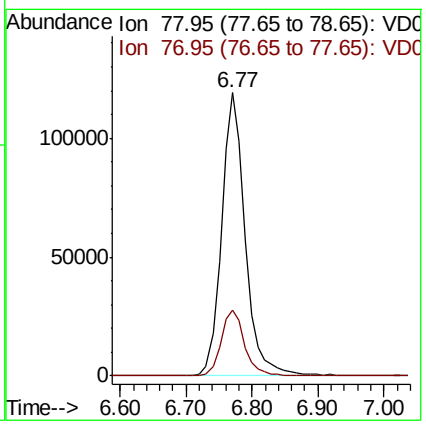
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

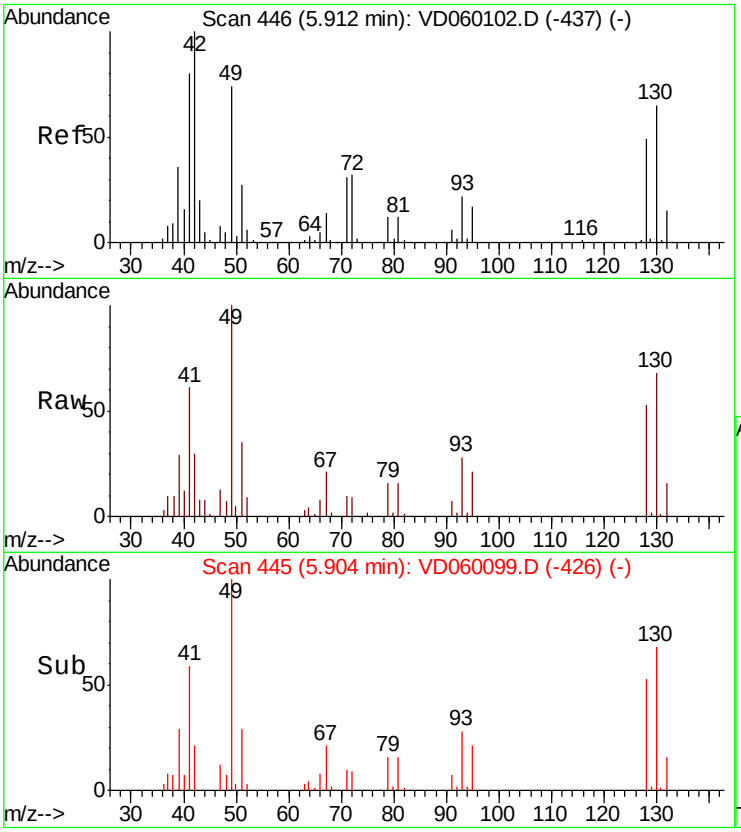


#40
Benzene
Concen: 5.259 ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 78 Resp: 296402

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

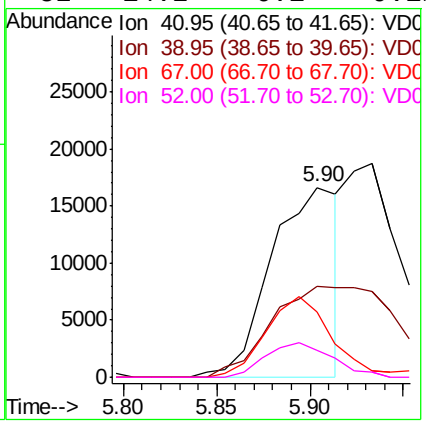




#41
Methacrylonitrile
Concen: 5.220 ug/l m
RT: 5.90 min Scan# 445
Delta R.T. -0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

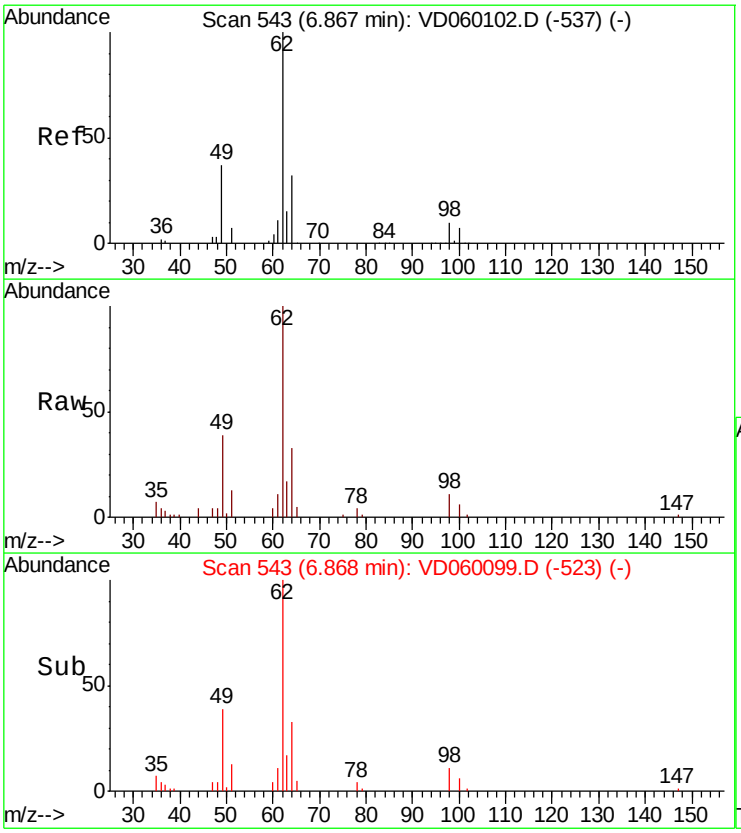
Tgt Ion: 41 Resp: 42357

Ion	Ratio	Lower	Upper
41	100		
39	47.8	36.0	54.0
67	34.3	13.9	20.9#
52	14.2	6.1	9.1#



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

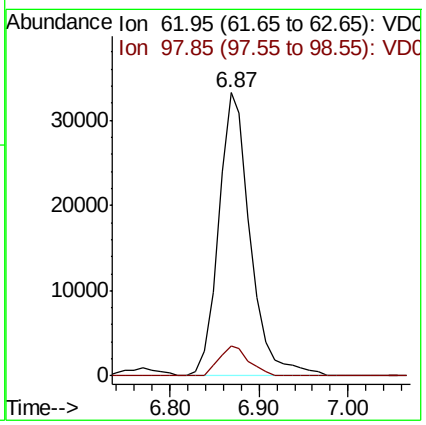
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

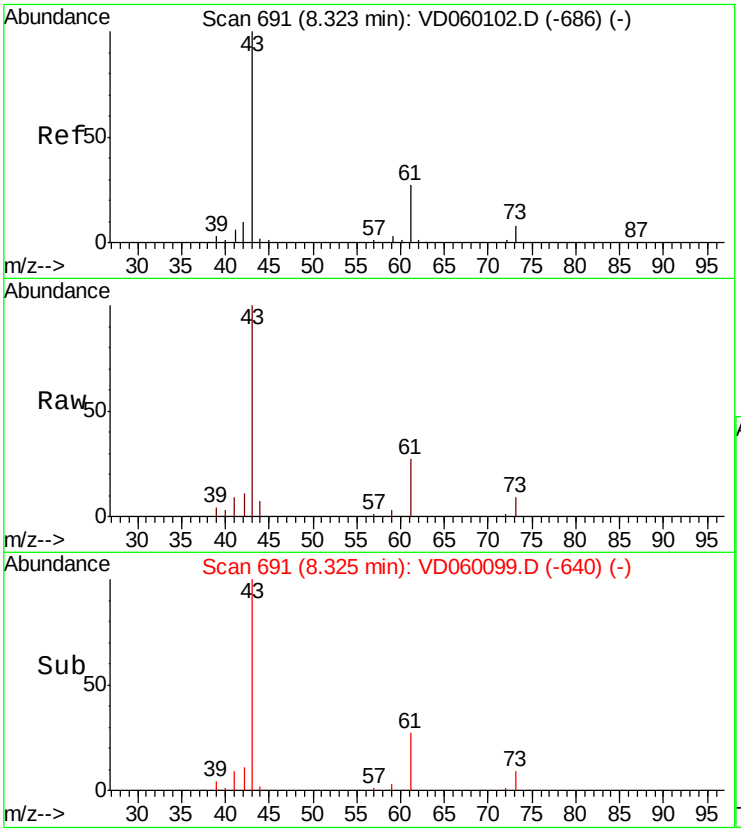


#42
1,2-Dichloroethane
Concen: 4.889 ug/l
RT: 6.87 min Scan# 543
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 62 Resp: 82647

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6

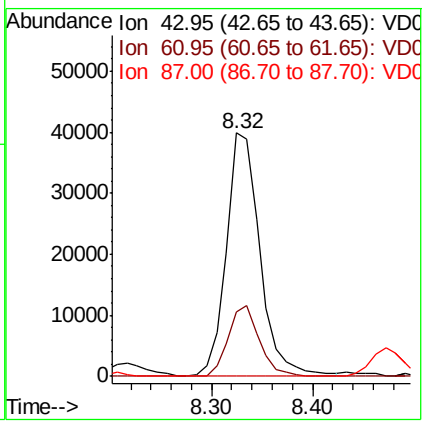




#43
Isopropyl Acetate
Concen: 4.569 ug/l
RT: 8.32 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

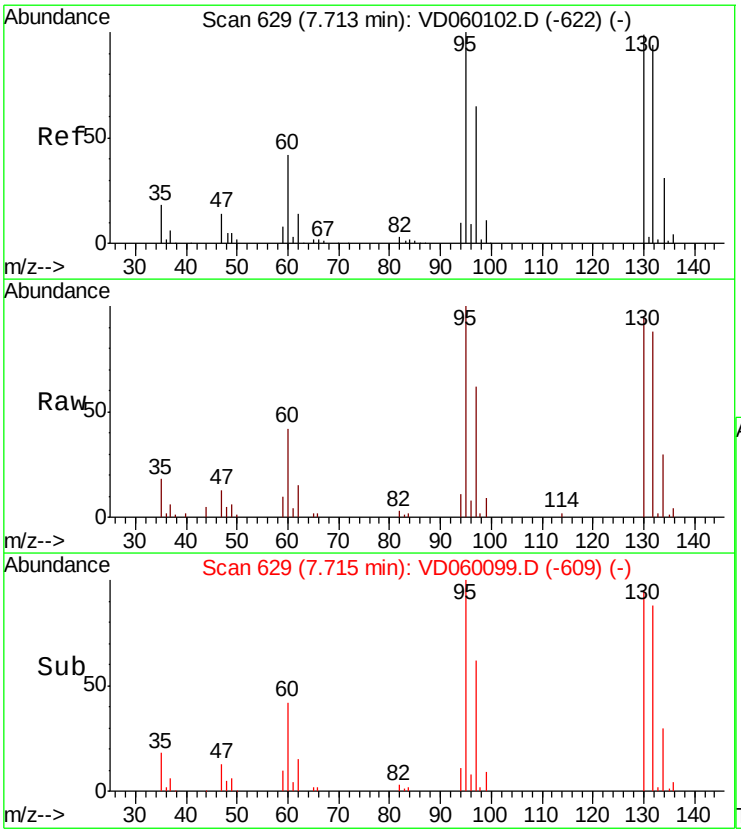
Tgt Ion: 43 Resp: 92324

Ion	Ratio	Lower	Upper
43	100		
61	26.7	21.4	32.2
87	0.0	0.2	0.2#



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

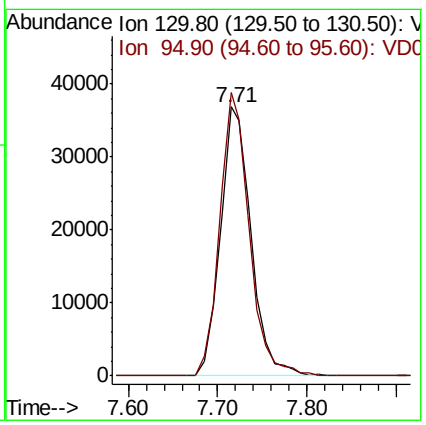
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

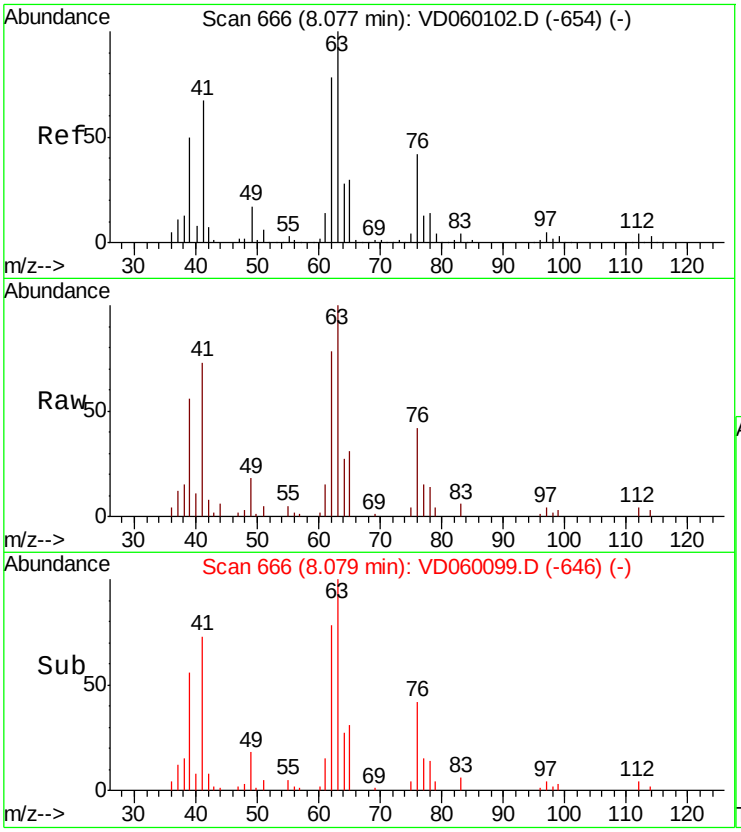


#44
Trichloroethene
Concen: 5.067 ug/l
RT: 7.71 min Scan# 629
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:130 Resp: 88702

Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	202.2

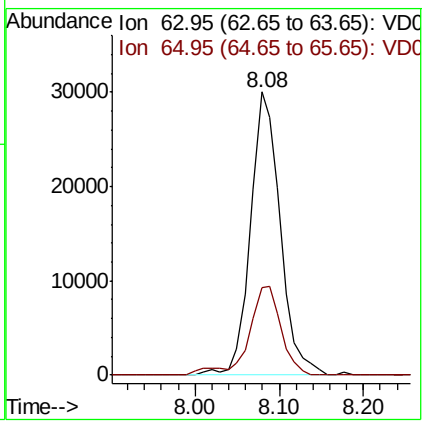




#45
1,2-Dichloropropane
Concen: 4.928 ug/l
RT: 8.08 min Scan# 666
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

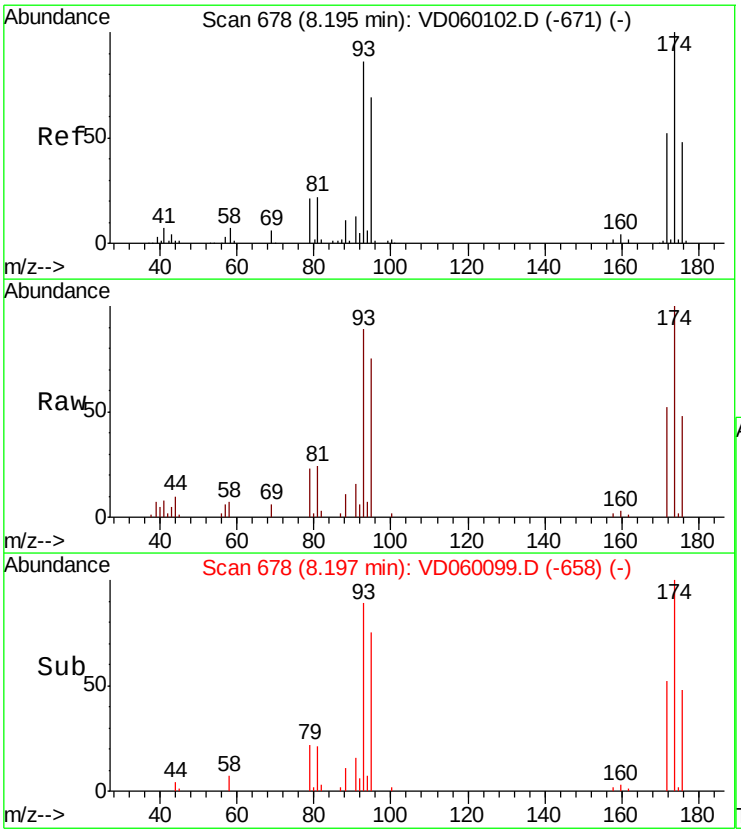
Tgt Ion: 63 Resp: 74351

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.1	36.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

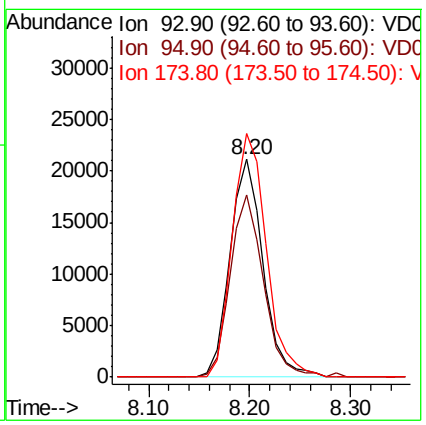
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

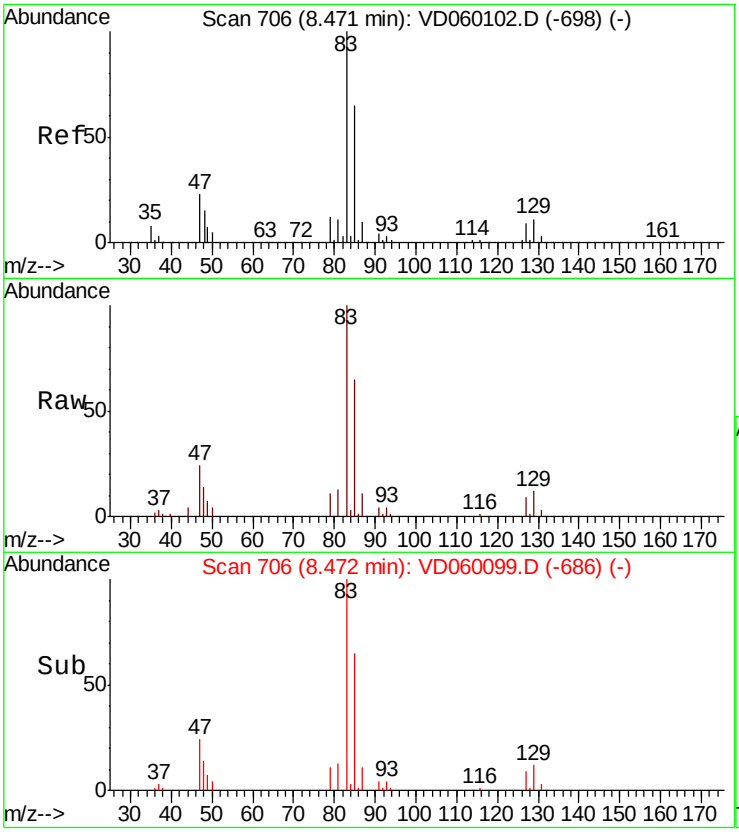


#46
Dibromomethane
Concen: 4.911 ug/l
RT: 8.20 min Scan# 678
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 93 Resp: 48160

Ion	Ratio	Lower	Upper
93	100		
95	83.8	63.8	95.6
174	112.0	92.9	139.3

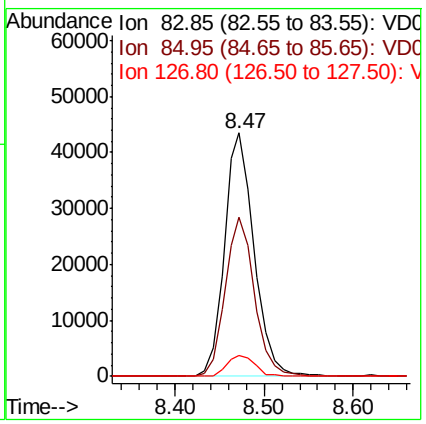




#47
Bromodichloromethane
Concen: 4.778 ug/l
RT: 8.47 min Scan# 706
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

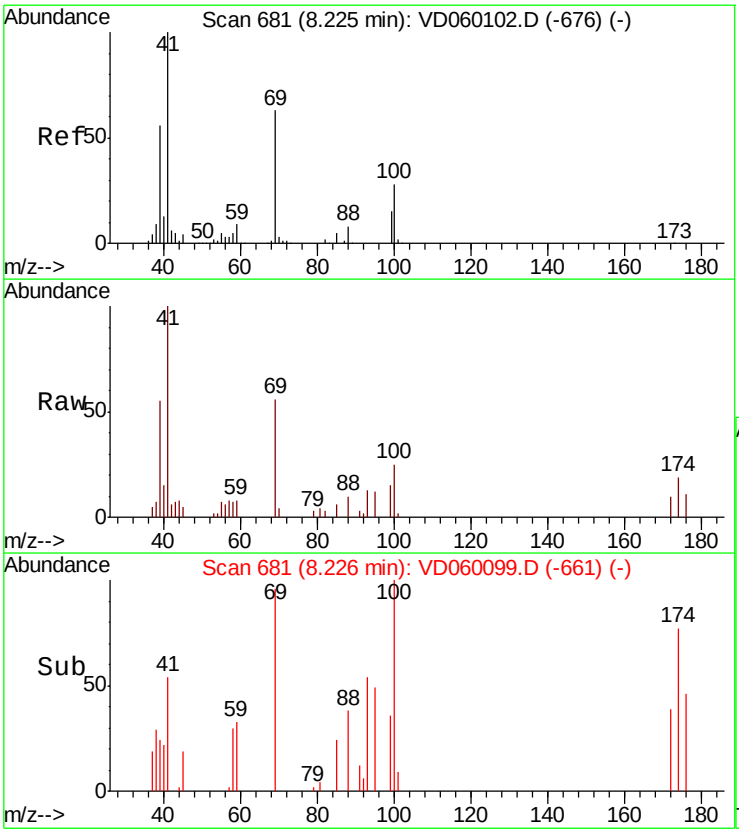
Tgt Ion: 83 Resp: 101276

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.2
127	8.7	7.4	11.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

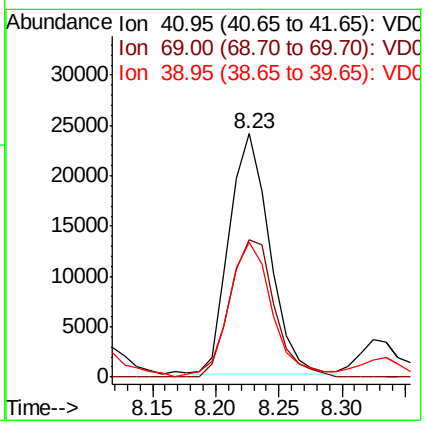
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

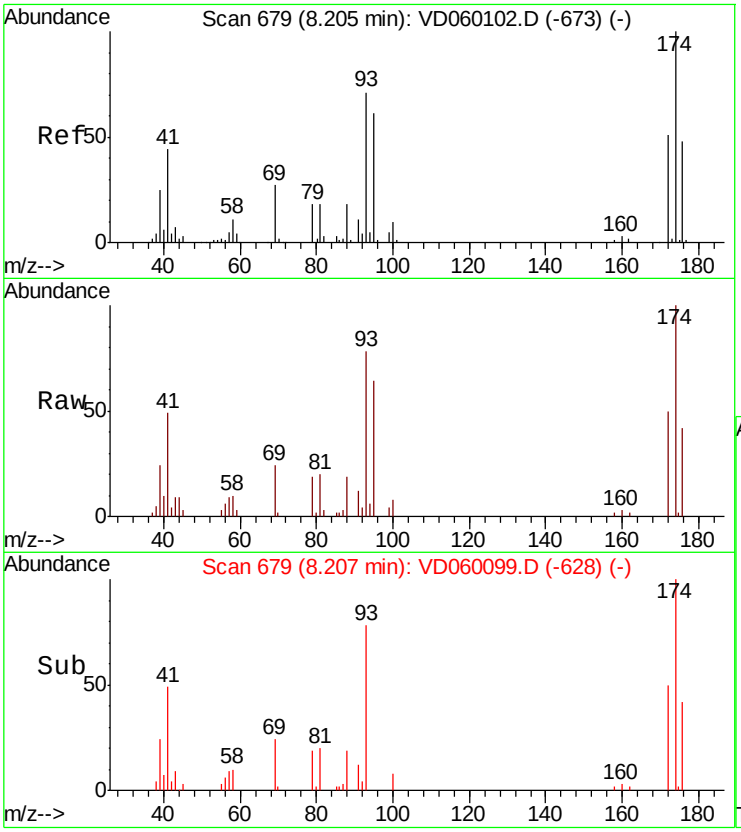


#48
Methyl methacrylate
Concen: 4.685 ug/l
RT: 8.23 min Scan# 681
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 41 Resp: 52777

Ion	Ratio	Lower	Upper
41	100		
69	56.4	49.7	74.5
39	55.4	45.2	67.8

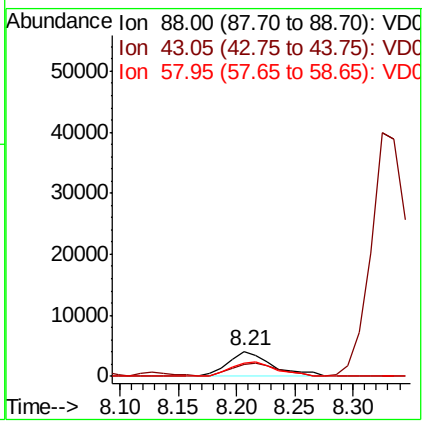




#49
1,4-Dioxane
Concen: 92.168 ug/l
RT: 8.21 min Scan# 679
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

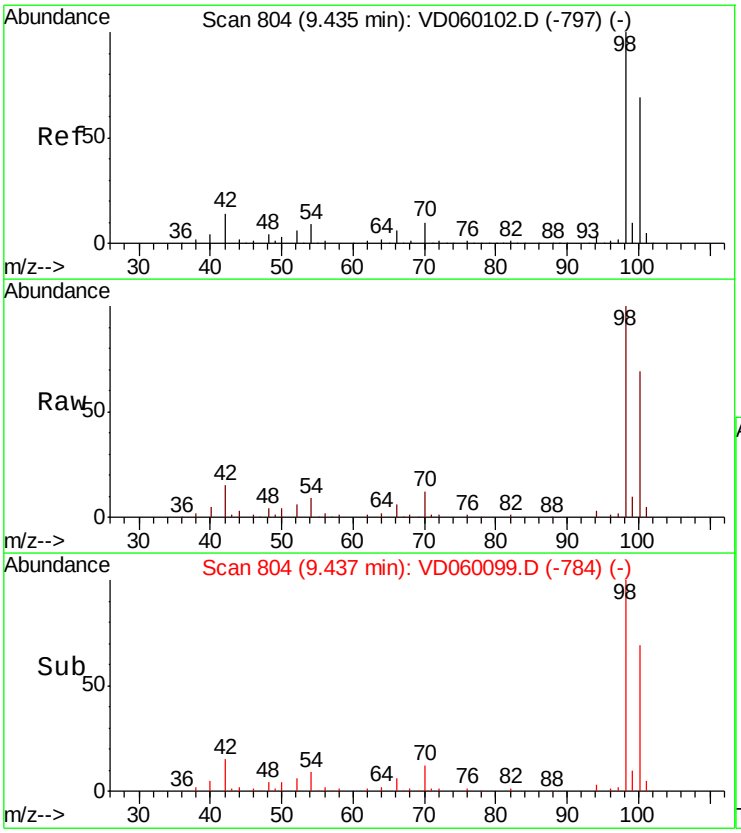
Tgt Ion: 88 Resp: 10332

Ion	Ratio	Lower	Upper
88	100		
43	48.7	33.7	50.5
58	53.5	49.1	73.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

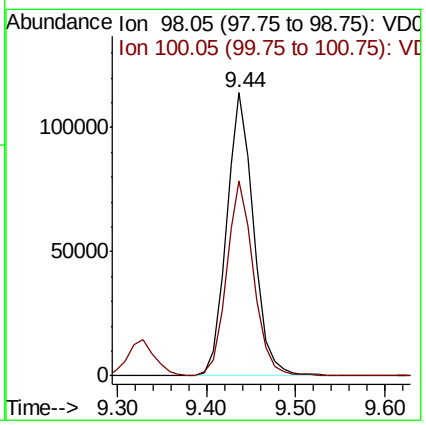
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

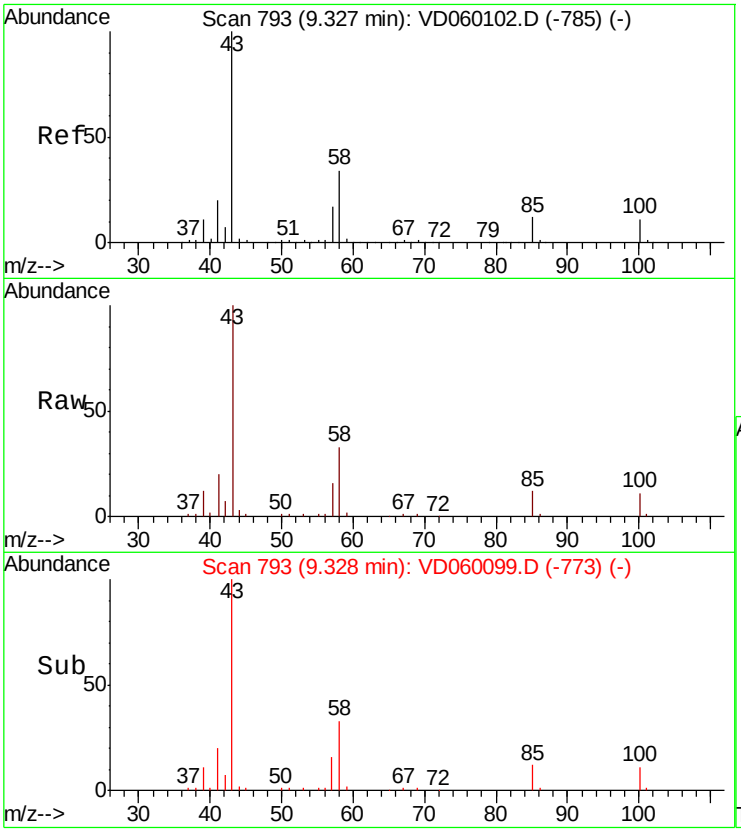


#50
Toluene-d8
Concen: 92.168 ug/l
RT: 9.44 min Scan# 804
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 98 Resp: 241825

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.4	83.0

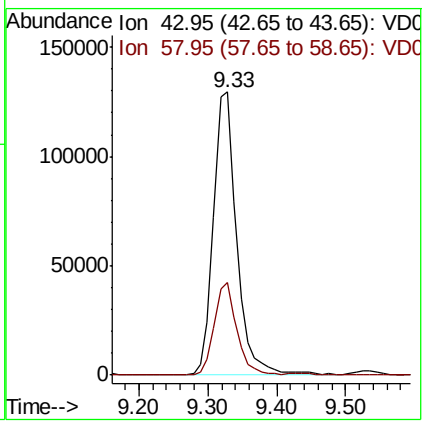




#51
4-Methyl-2-Pentanone
Concen: 22.096 ug/l
RT: 9.33 min Scan# 793
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

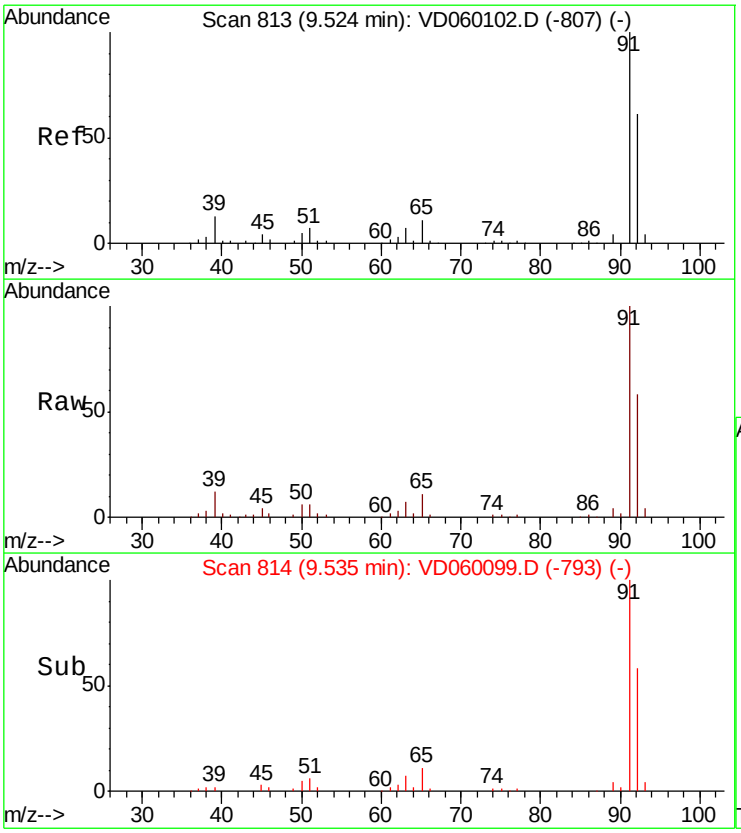
Tgt Ion: 43 Resp: 306288

Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.2	40.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

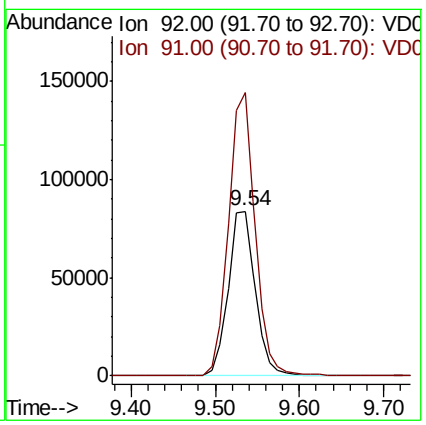
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

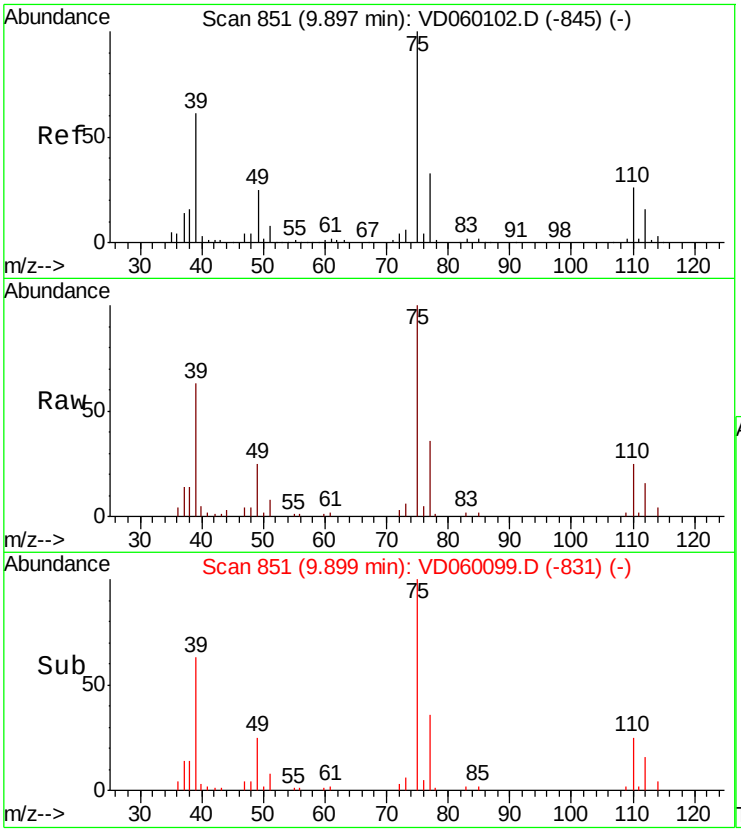


#52
Toluene
Concen: 5.120 ug/l
RT: 9.54 min Scan# 814
Delta R.T. 0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 92 Resp: 186233

Ion	Ratio	Lower	Upper
92	100		
91	171.9	131.9	197.9





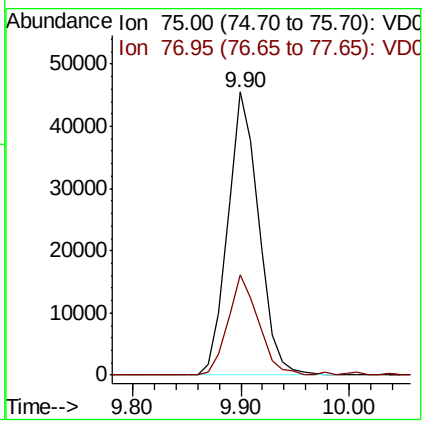
#53
t-1,3-Dichloropropene
Concen: 4.576 ug/l
RT: 9.90 min Scan# 851
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

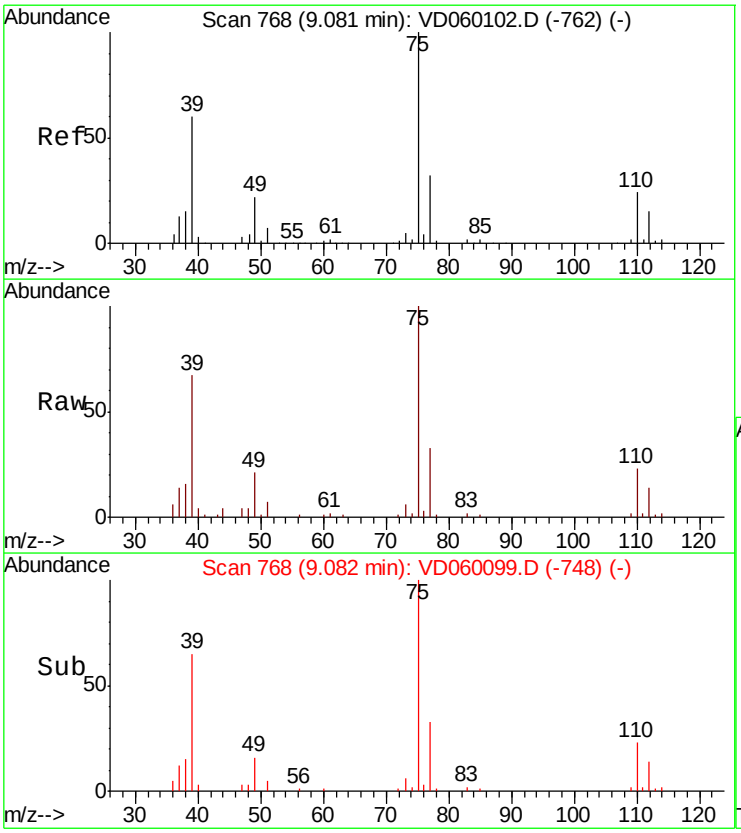
Tgt Ion: 75 Resp: 90587

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.2	39.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

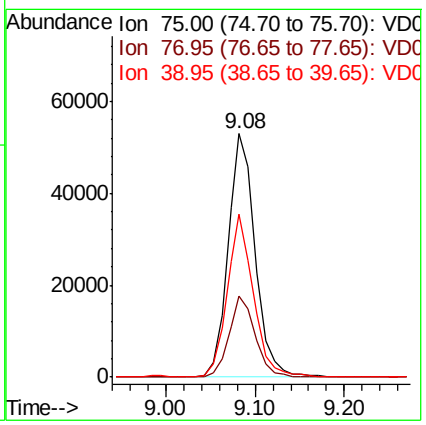


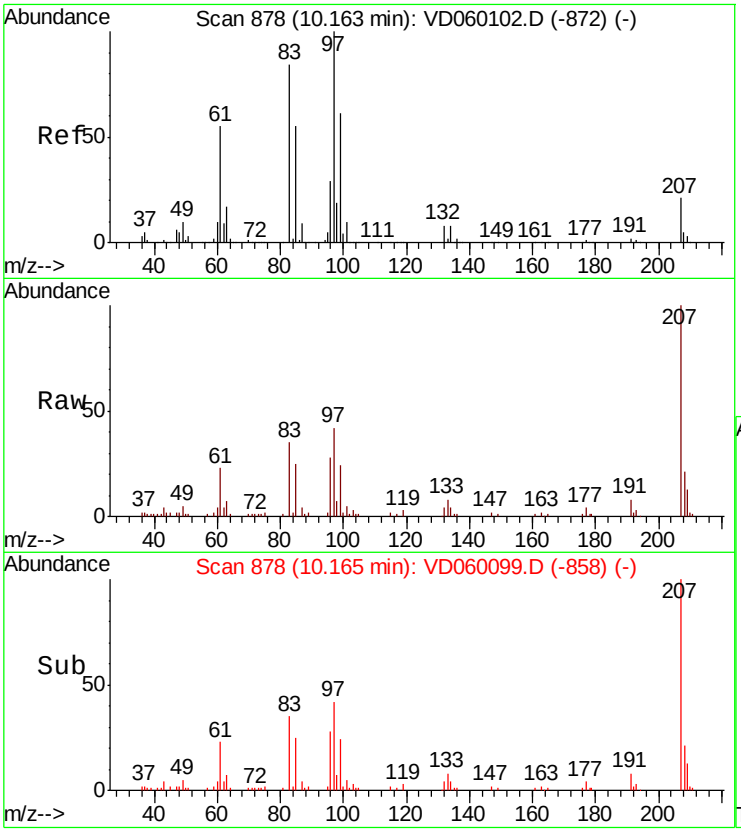


#54
cis-1,3-Dichloropropene
Concen: 4.756 ug/l
RT: 9.08 min Scan# 768
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 75 Resp: 112344

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.7	38.5
39	66.9	48.2	72.4

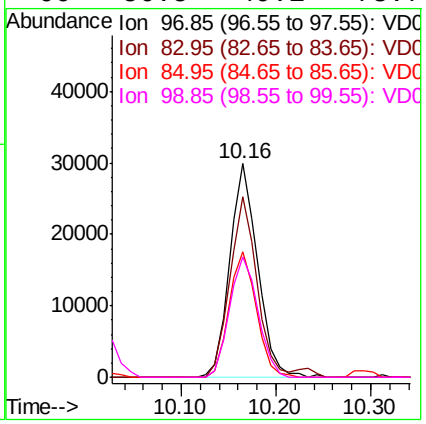




#55
1,1,2-Trichloroethane
Concen: 4.832 ug/l
RT: 10.16 min Scan# 878
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

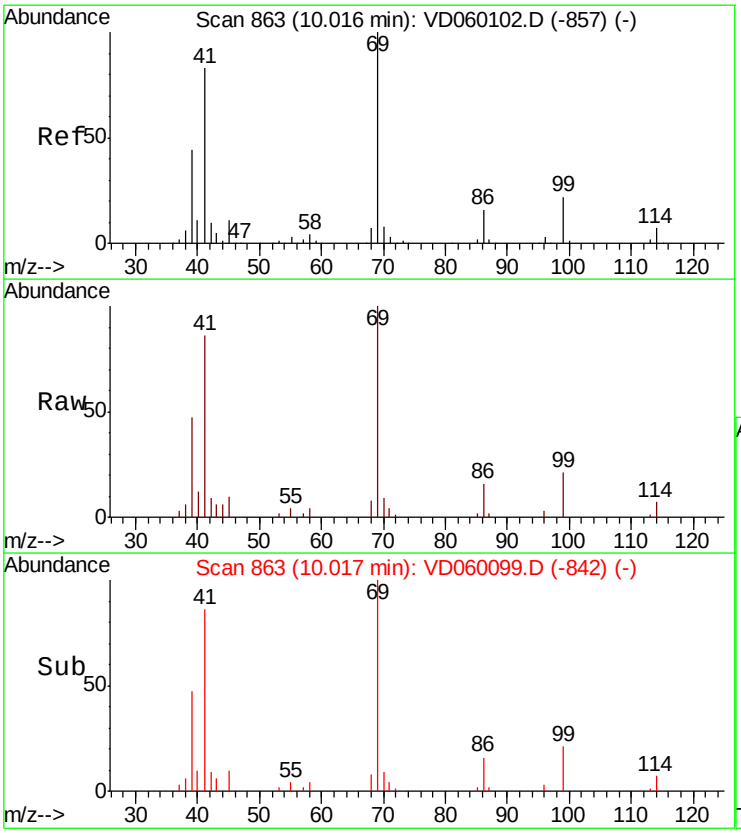
Tgt Ion: 97 Resp: 60958

Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.0	100.6
85	59.0	43.9	65.9
99	56.5	49.1	73.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

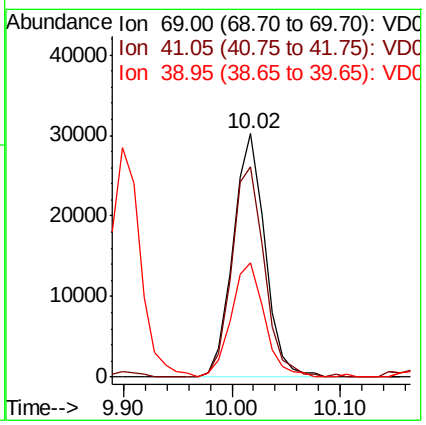
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

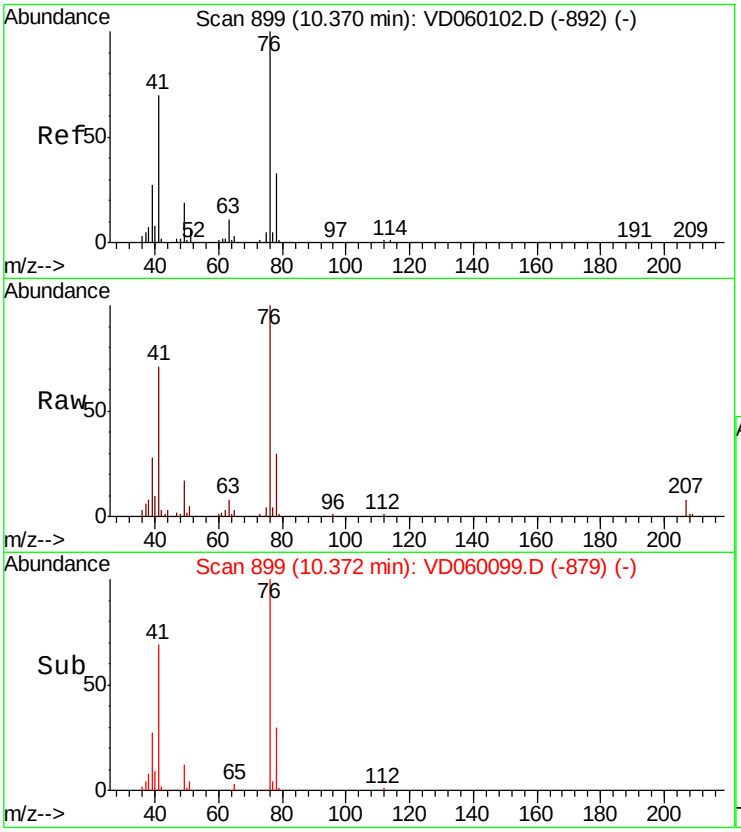


#56
Ethyl methacrylate
Concen: 4.448 ug/l
RT: 10.02 min Scan# 863
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 69 Resp: 61854

Ion	Ratio	Lower	Upper
69	100		
41	86.4	66.6	100.0
39	47.2	36.0	54.0





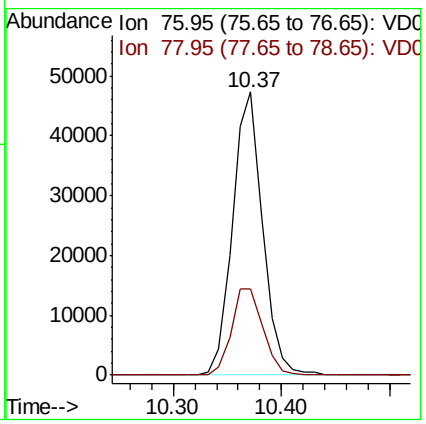
#57
1,3-Dichloropropane
Concen: 4.905 ug/l
RT: 10.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

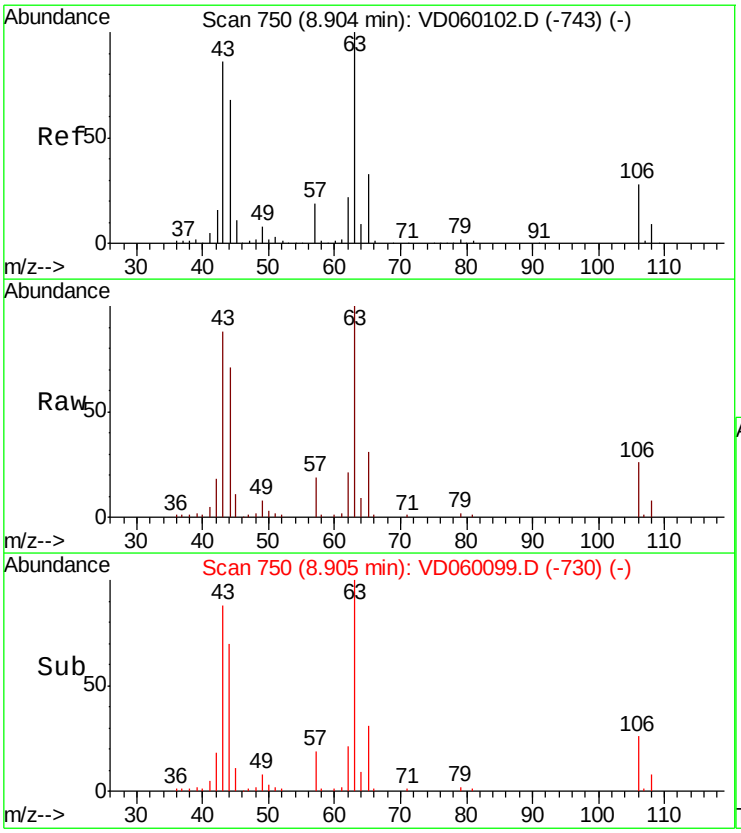
Tgt Ion: 76 Resp: 91142

Ion	Ratio	Lower	Upper
76	100		
78	30.5	26.2	39.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

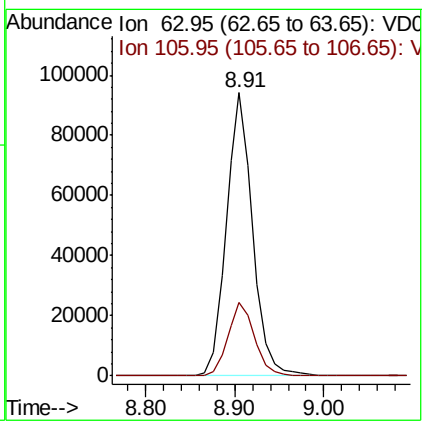


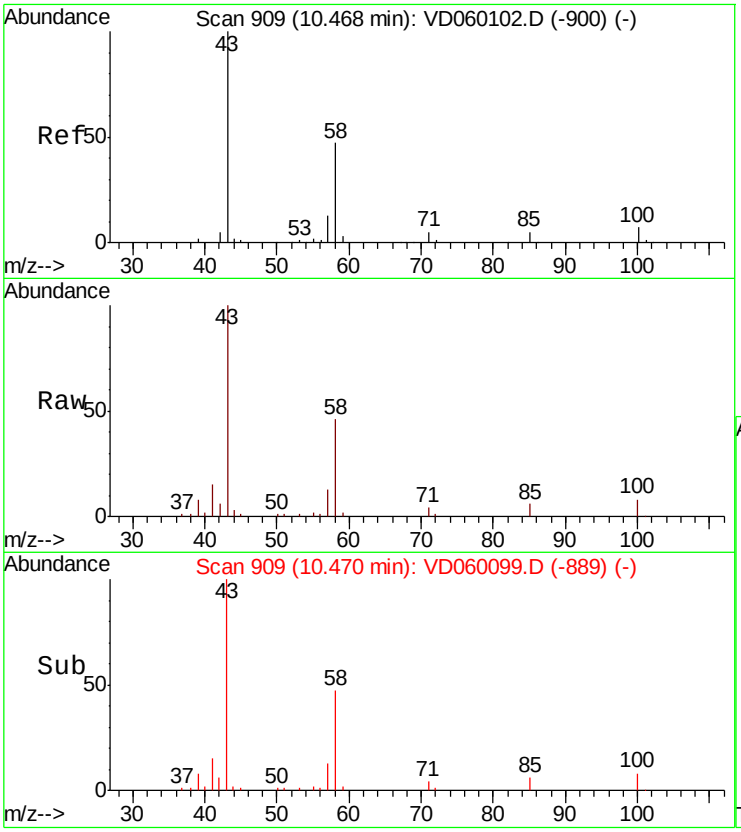


#58
2-Chloroethyl Vinyl ether
Concen: 28.294 ug/l
RT: 8.91 min Scan# 750
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 63 Resp: 194032

Ion	Ratio	Lower	Upper
63	100		
106	25.9	22.6	34.0

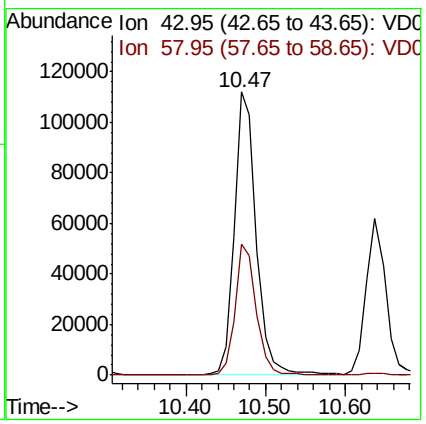




#59
2-Hexanone
Concen: 21.437 ug/l
RT: 10.47 min Scan# 909
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

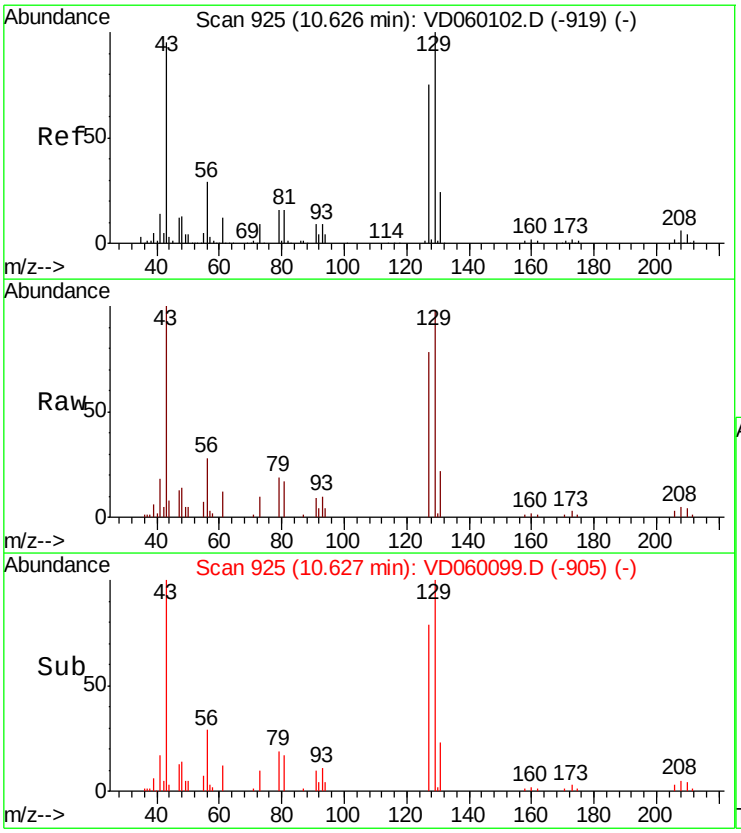
Tgt Ion: 43 Resp: 214434

Ion	Ratio	Lower	Upper
43	100		
58	46.3	23.3	69.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

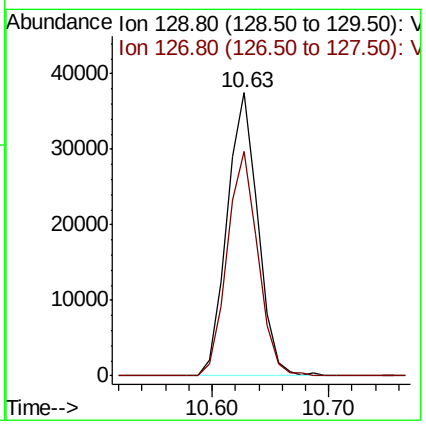
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

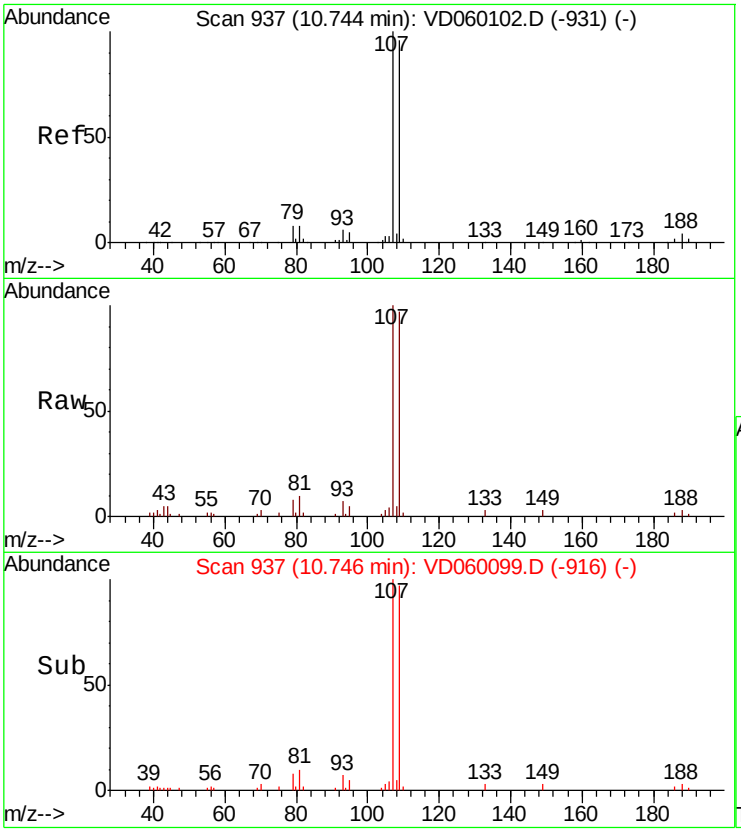


#60
Dibromochloromethane
Concen: 4.498 ug/l
RT: 10.63 min Scan# 925
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:129 Resp: 68462

Ion	Ratio	Lower	Upper
129	100		
127	79.3	37.4	112.2





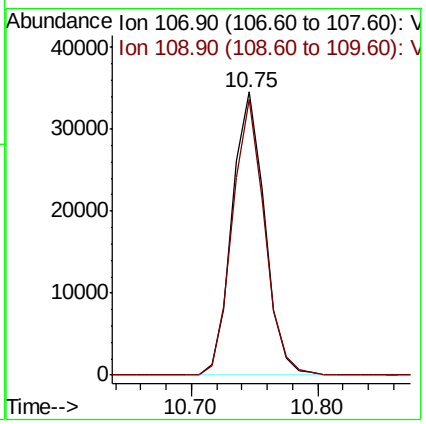
#61
1,2-Dibromoethane
Concen: 4.697 ug/l
RT: 10.75 min Scan# 937
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

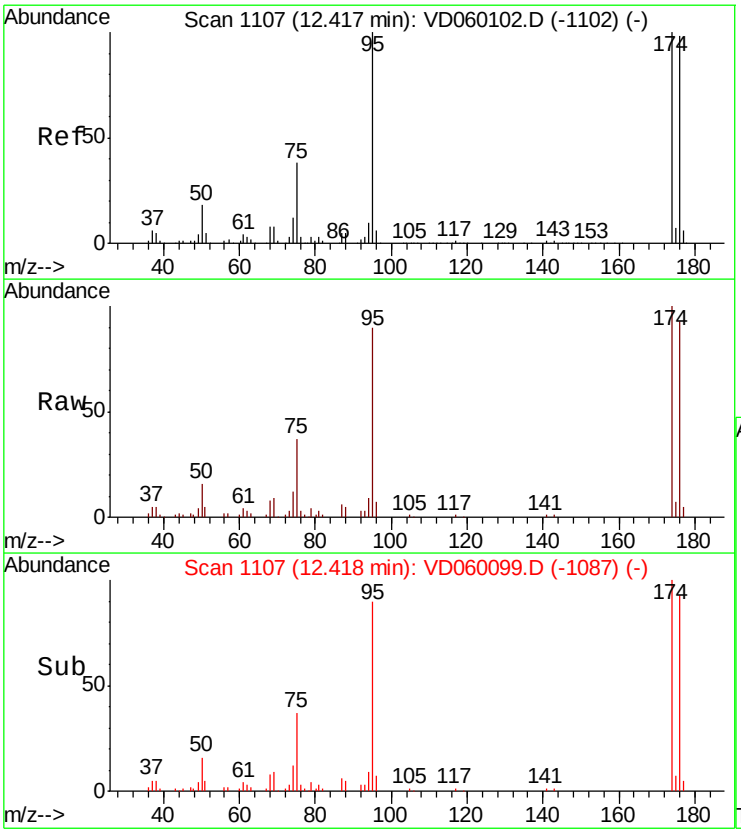
Tgt Ion:107 Resp: 61159

Ion	Ratio	Lower	Upper
107	100		
109	97.5	77.1	115.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

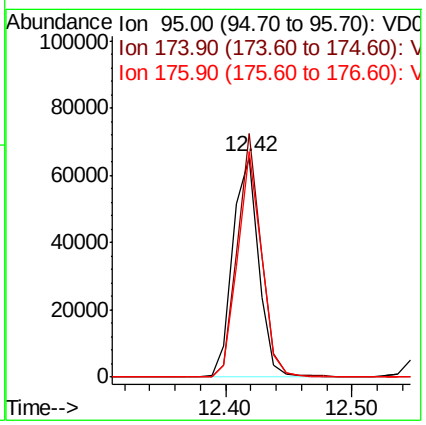


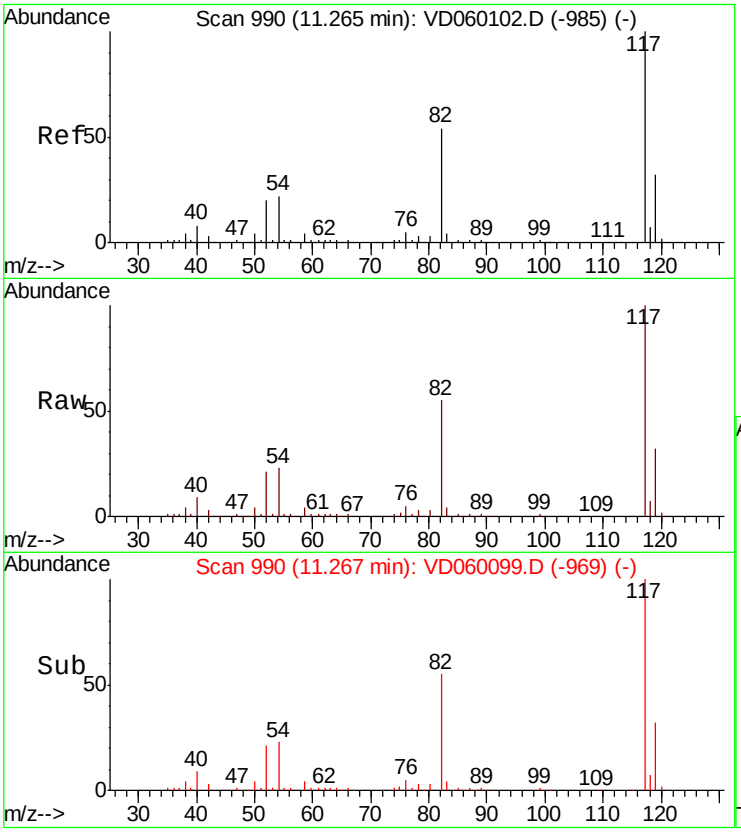


#62
4-Bromofluorobenzene
Concen: 4.697 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 95 Resp: 91865

Ion	Ratio	Lower	Upper
95	100		
174	110.8	0.0	200.2
176	102.9	0.0	195.6

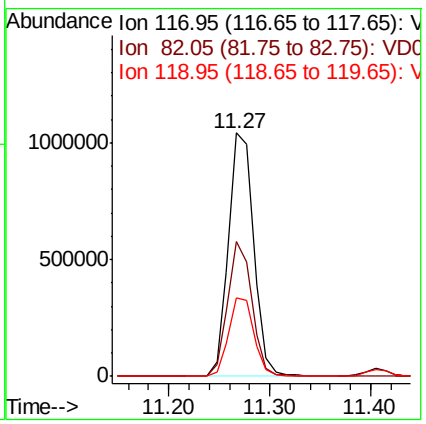




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

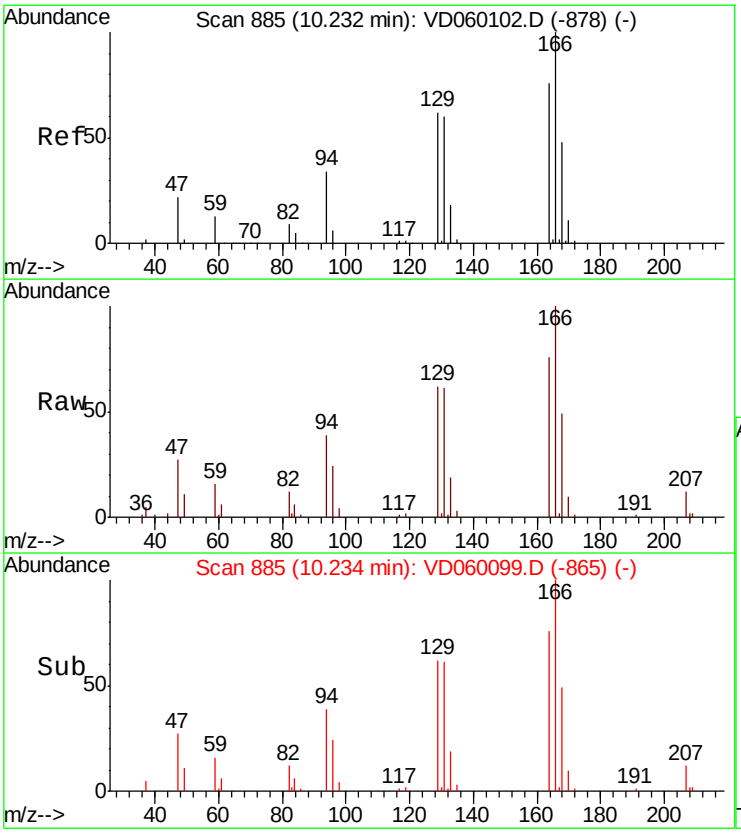
Tgt Ion:117 Resp: 1805814

Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.4	65.2
119	32.5	26.0	39.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

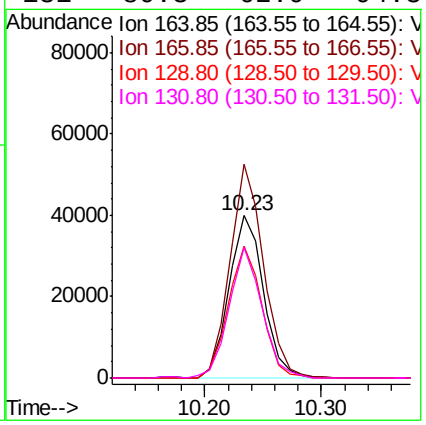
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

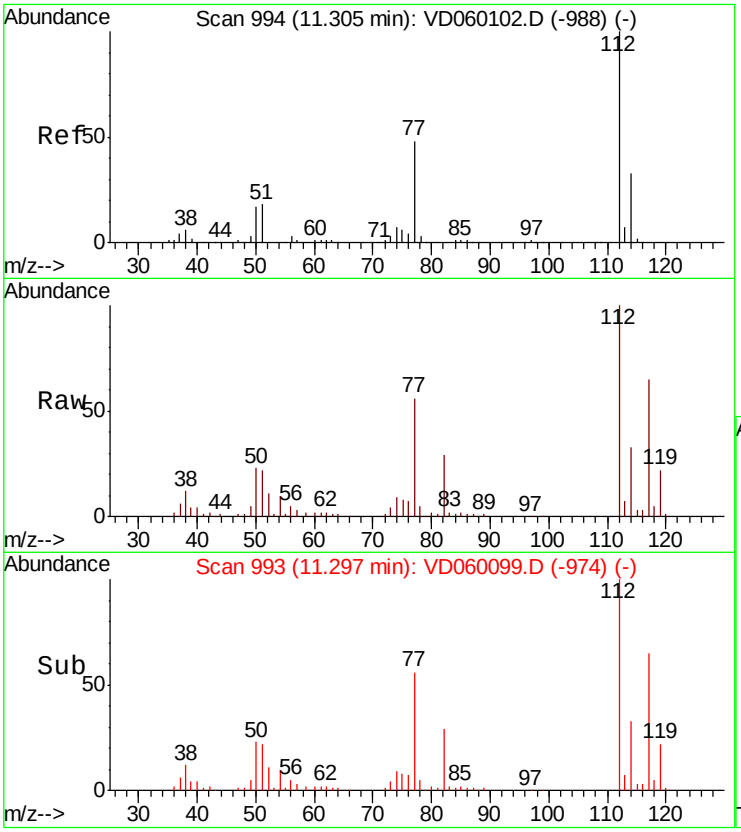


#64
Tetrachloroethene
Concen: 5.175 ug/l
RT: 10.23 min Scan# 885
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:164 Resp: 81400

Ion	Ratio	Lower	Upper
164	100		
166	131.9	105.4	158.0
129	81.5	65.7	98.5
131	80.3	62.9	94.3

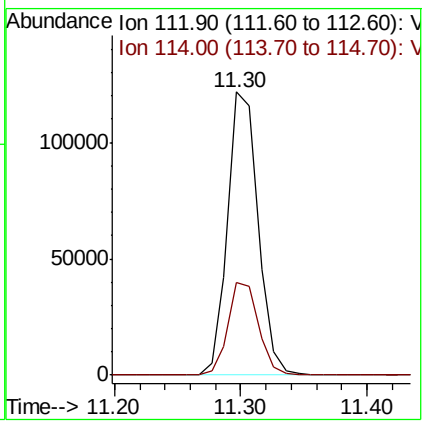




#65
Chlorobenzene
Concen: 5.273 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.01 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

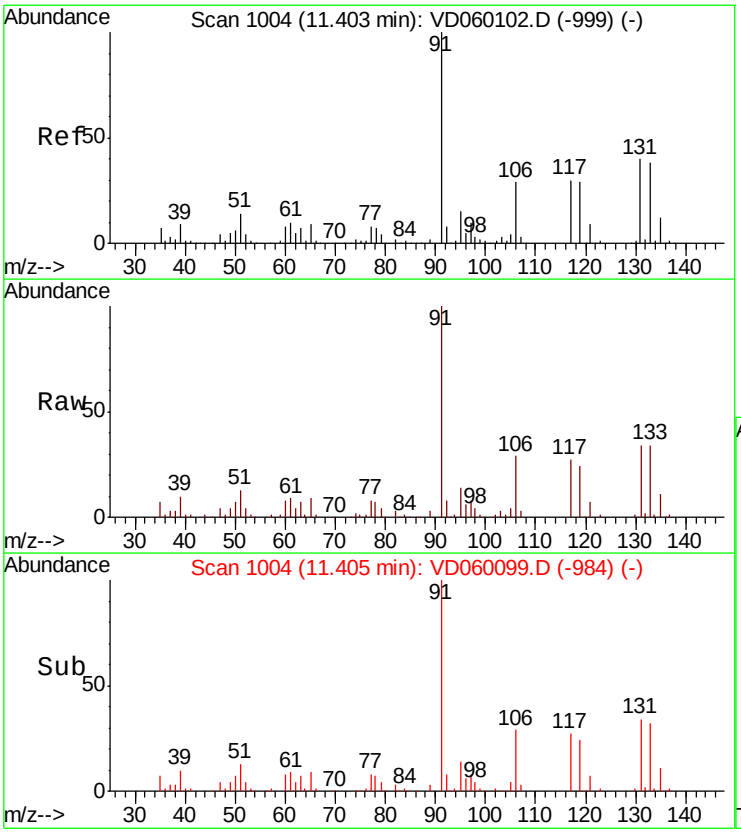
Tgt Ion:112 Resp: 202494

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

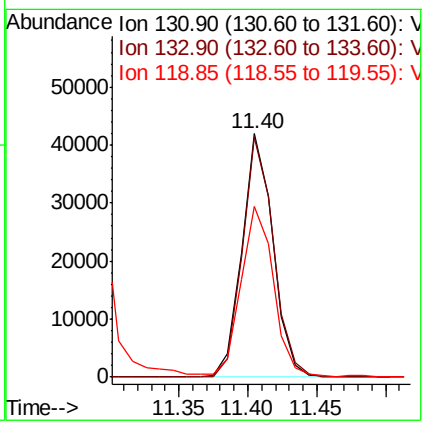
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

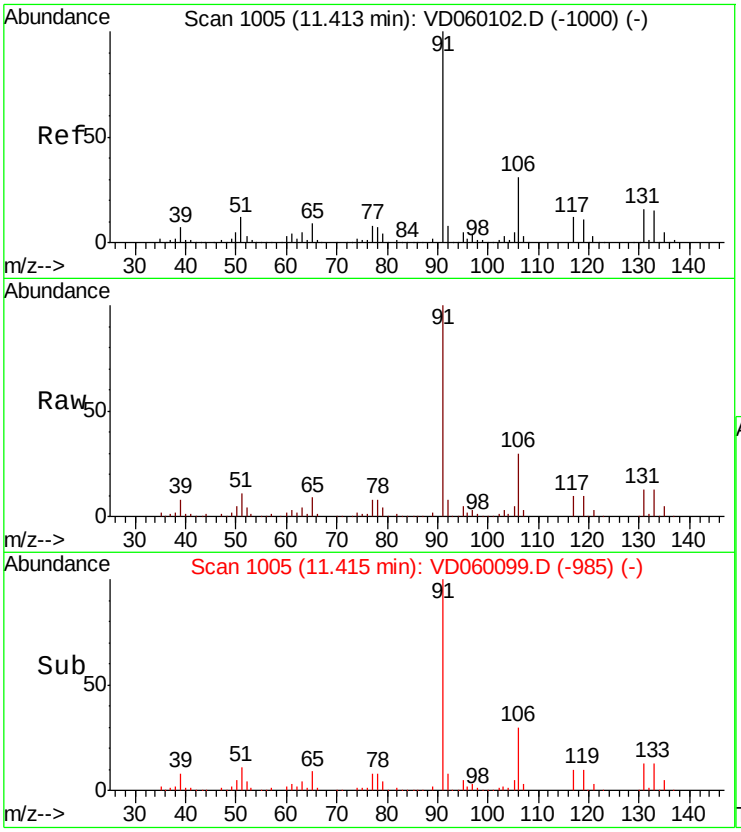


#66
1,1,1,2-Tetrachloroethane
Concen: 5.109 ug/l
RT: 11.40 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:131 Resp: 66005

Ion	Ratio	Lower	Upper
131	100		
133	98.3	47.4	142.3
119	70.3	36.1	108.3

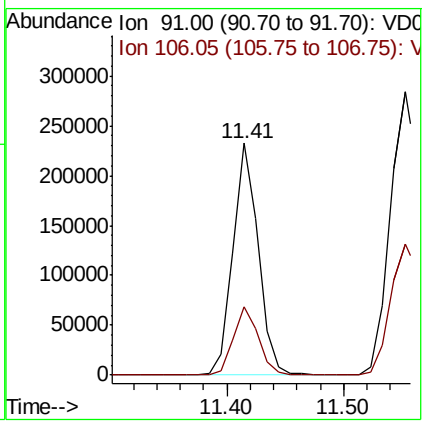




#67
Ethyl Benzene
Concen: 5.664 ug/l
RT: 11.41 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

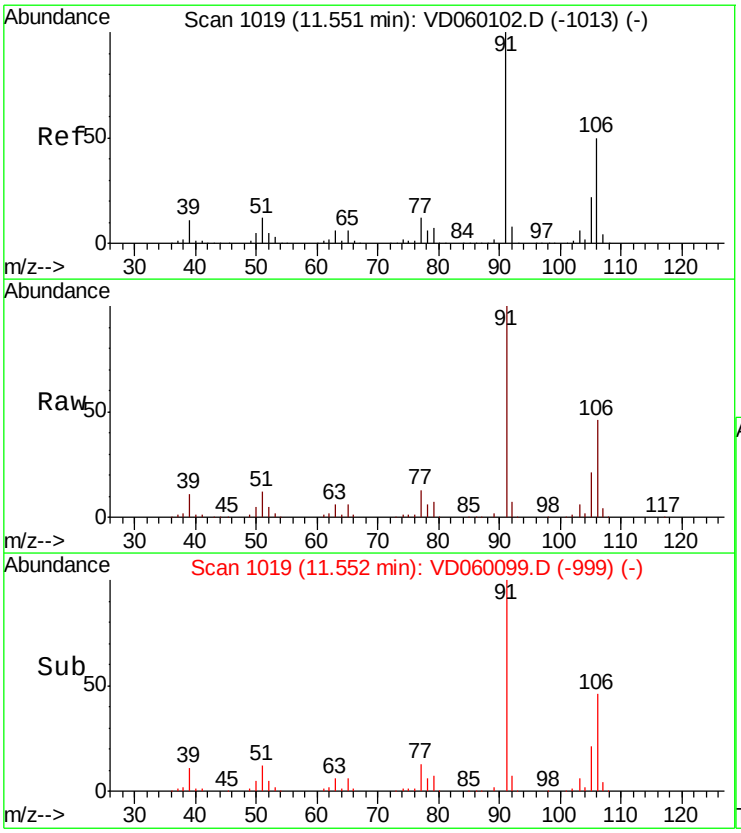
Tgt Ion: 91 Resp: 349227

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.4	36.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

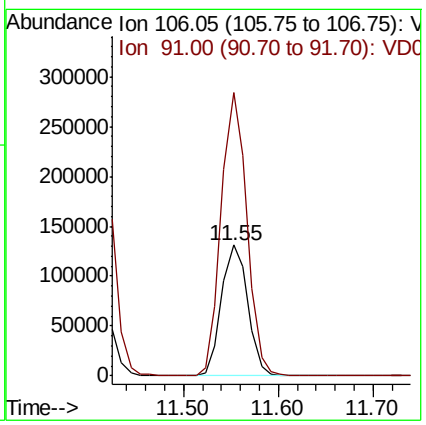
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

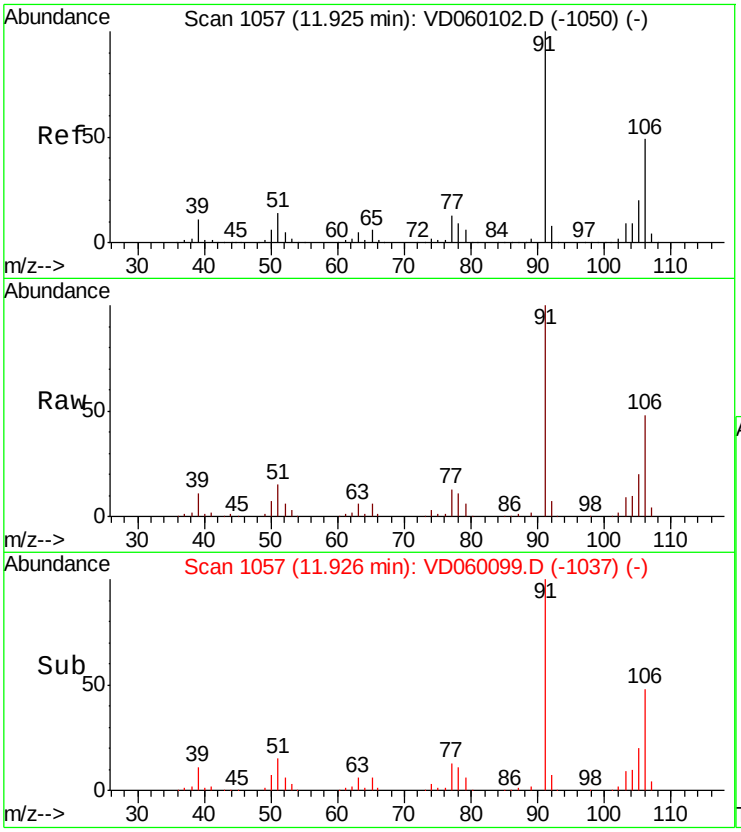


#68
m/p-Xylenes
Concen: 11.122 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:106 Resp: 252561

Ion	Ratio	Lower	Upper
106	100		
91	216.2	160.0	240.0

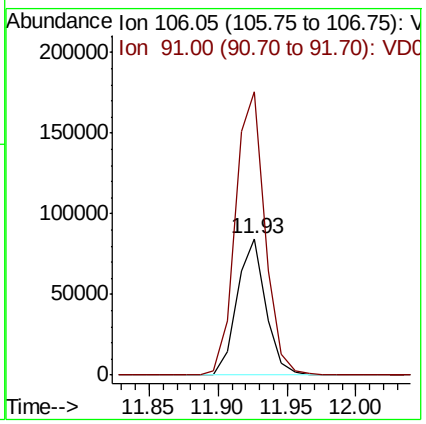




#69
o-Xylene
Concen: 5.413 ug/l
RT: 11.93 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

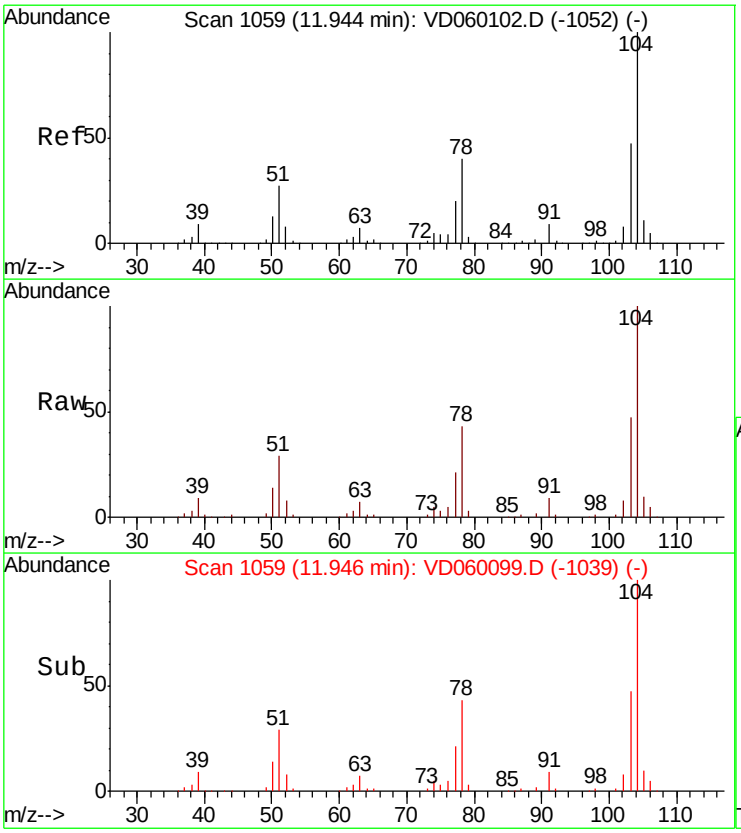
Tgt Ion:106 Resp: 122586

Ion	Ratio	Lower	Upper
106	100		
91	207.6	102.5	307.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

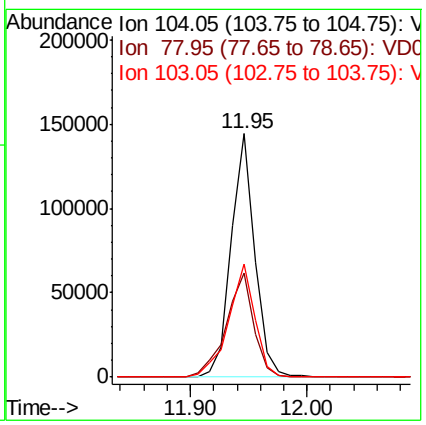
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

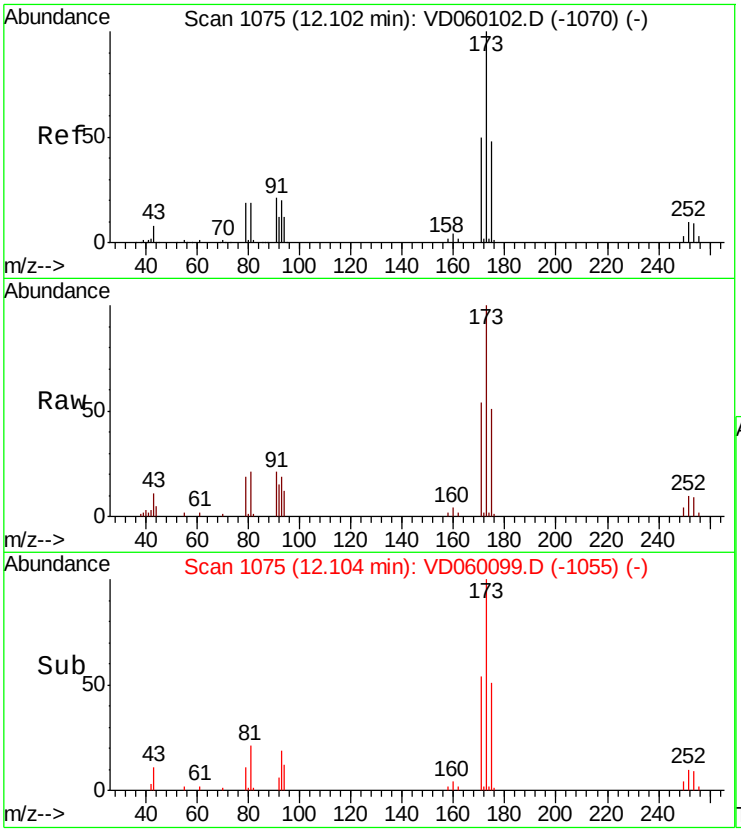


#70
Styrene
Concen: 5.323 ug/l
RT: 11.95 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:104 Resp: 202422

Ion	Ratio	Lower	Upper
104	100		
78	42.8	32.2	48.4
103	46.7	37.4	56.0

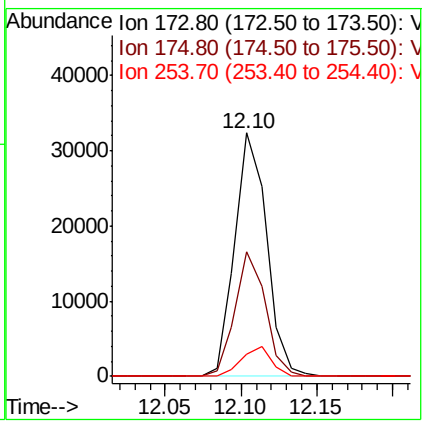




#71
Bromoform
Concen: 4.283 ug/l
RT: 12.10 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

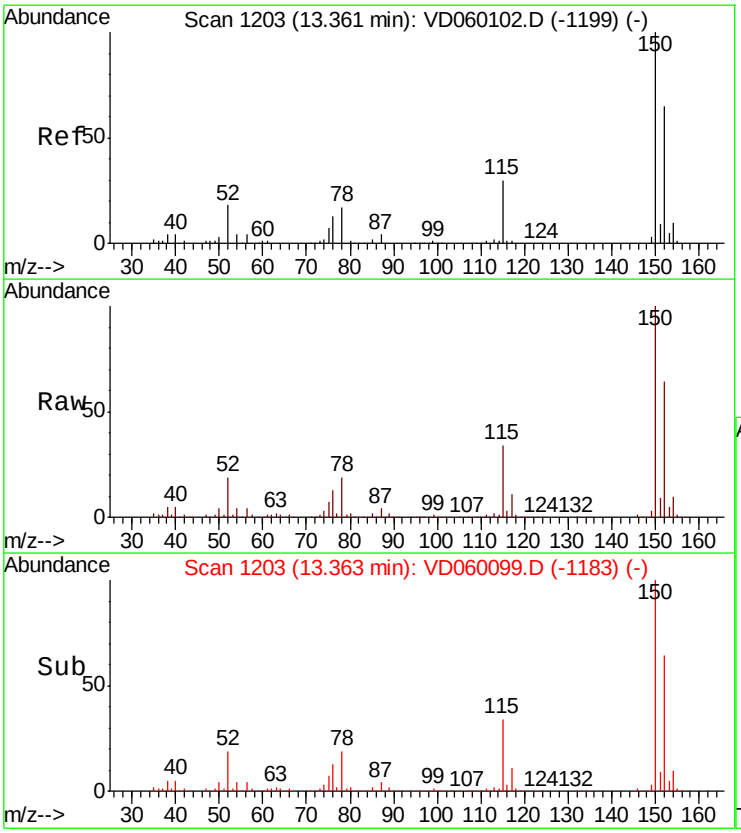
Tgt Ion:173 Resp: 47362

Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.1	72.4
254	9.0	7.4	11.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

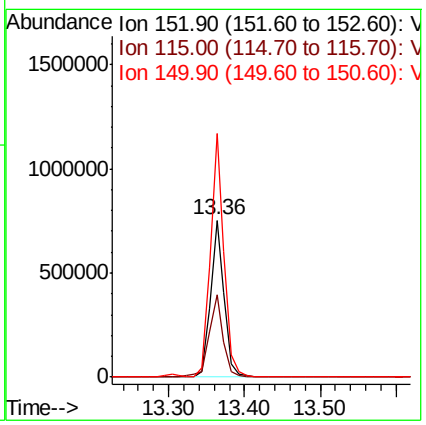
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

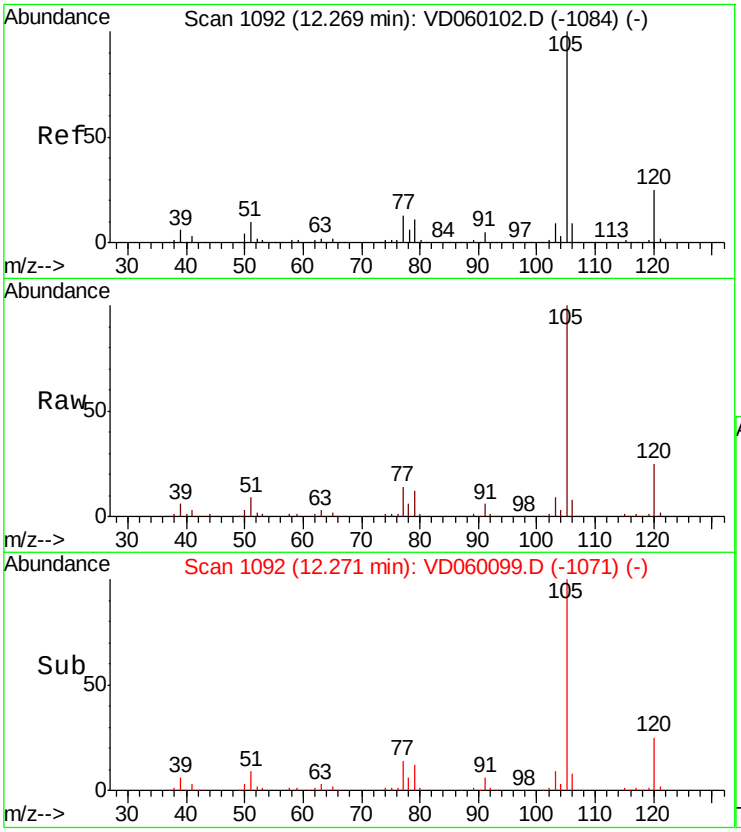


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:152 Resp: 952202

Ion	Ratio	Lower	Upper
152	100		
115	52.2	27.1	81.2
150	155.3	0.0	311.8





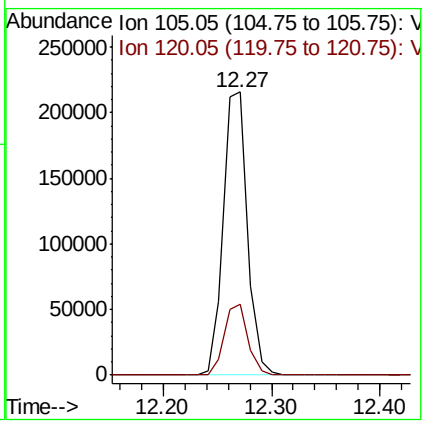
#73
Isopropylbenzene
Concen: 5.438 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

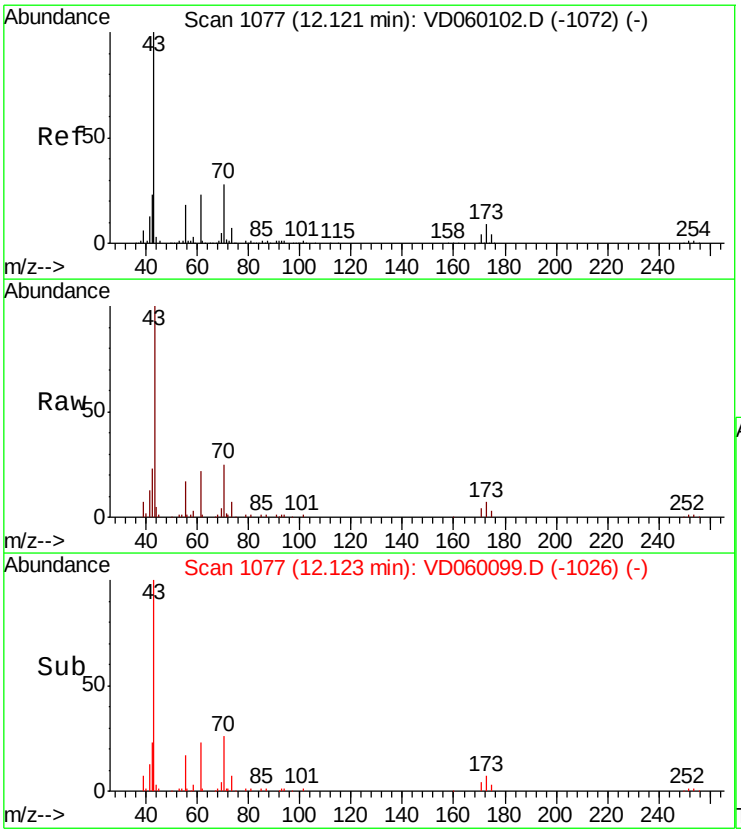
Tgt Ion:105 Resp: 336457

Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.6	37.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

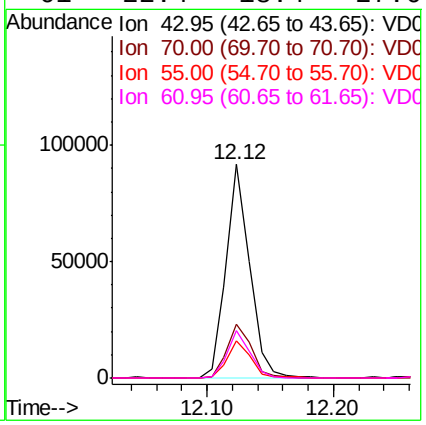


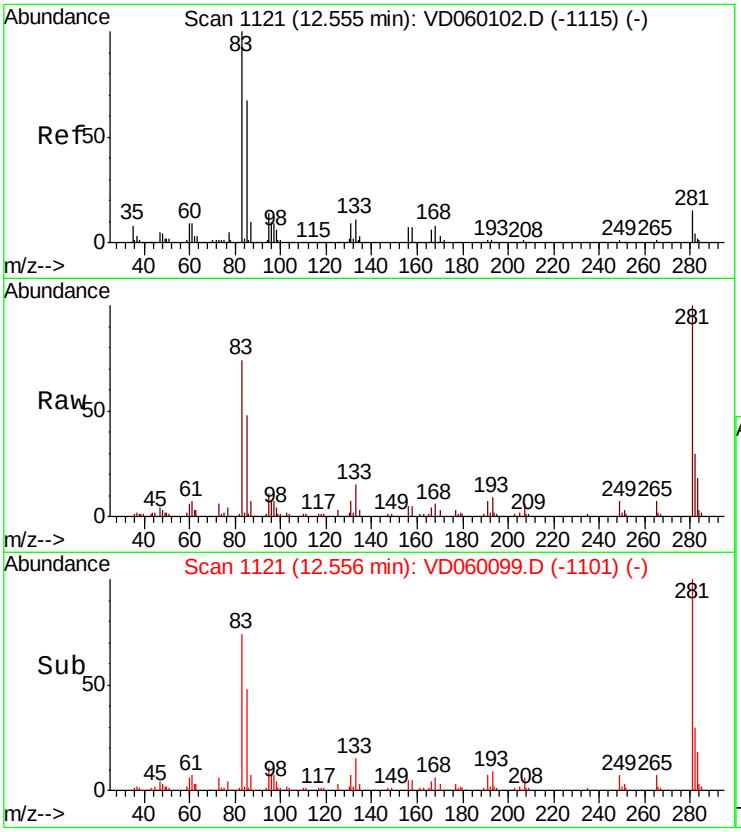


#74
N-amyl acetate
Concen: 4.859 ug/l
RT: 12.12 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 43 Resp: 118321

Ion	Ratio	Lower	Upper
43	100		
70	25.5	22.1	33.1
55	17.2	14.1	21.1
61	22.4	18.4	27.6





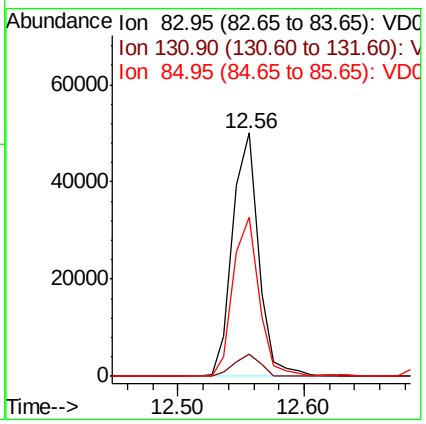
#75
1,1,2,2-Tetrachloroethane
Concen: 5.096 ug/l
RT: 12.56 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

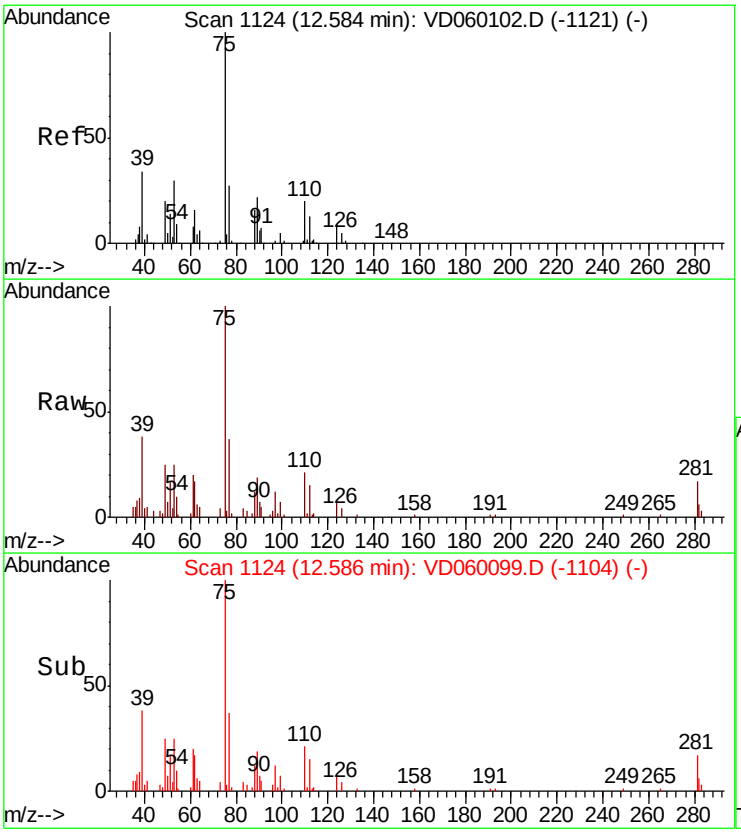
Tgt Ion: 83 Resp: 71475

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.5	13.4
85	65.1	33.3	99.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

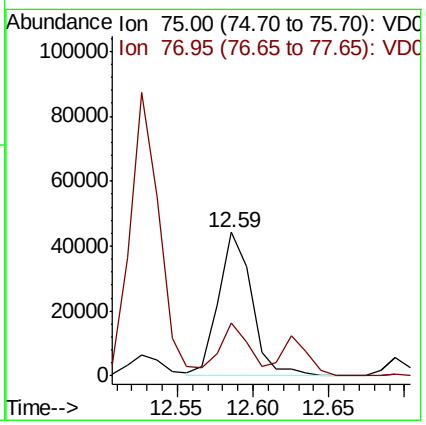


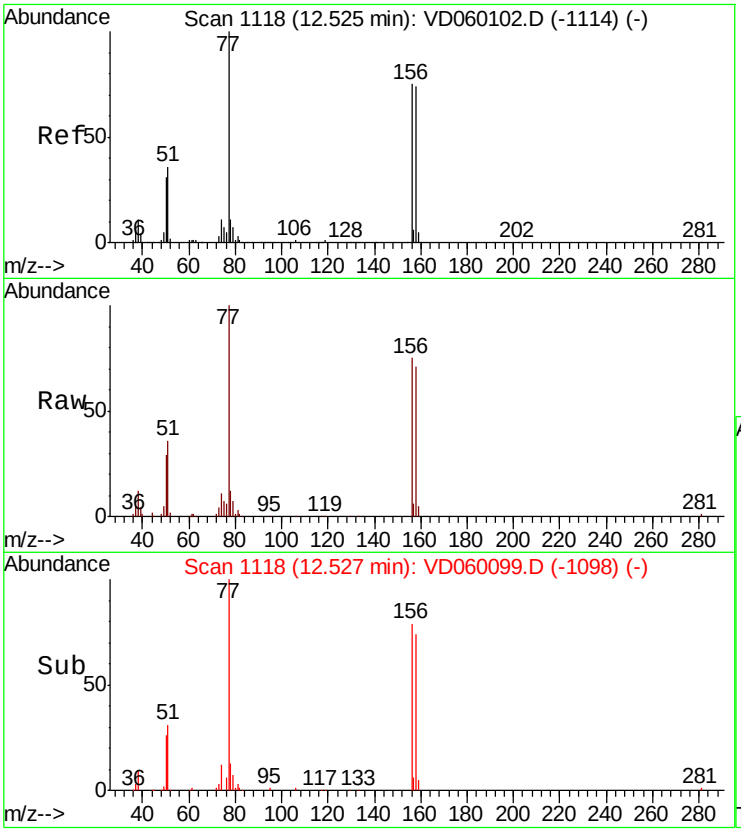


#76
1,2,3-Trichloropropane
Concen: 4.765 ug/l
RT: 12.59 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 75 Resp: 68200

Ion	Ratio	Lower	Upper
75	100		
77	37.0	16.3	48.9

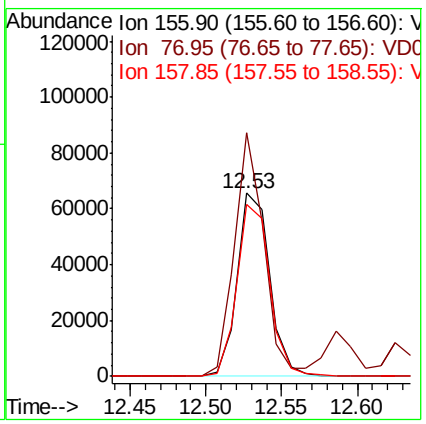




#77
Bromobenzene
Concen: 5.430 ug/l
RT: 12.53 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

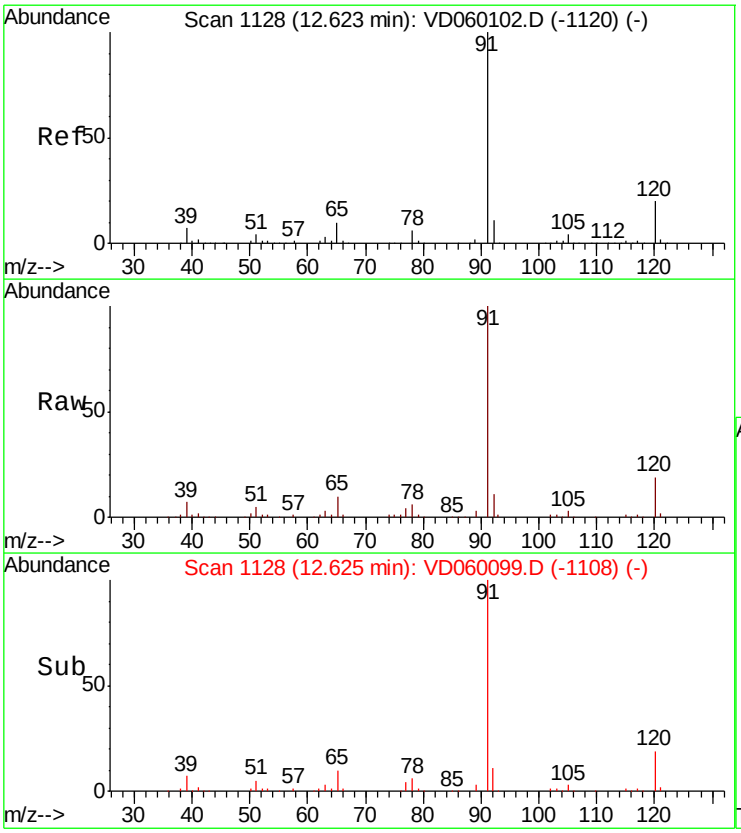
Tgt Ion:156 Resp: 97342

Ion	Ratio	Lower	Upper
156	100		
77	133.1	66.9	200.7
158	93.9	49.1	147.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

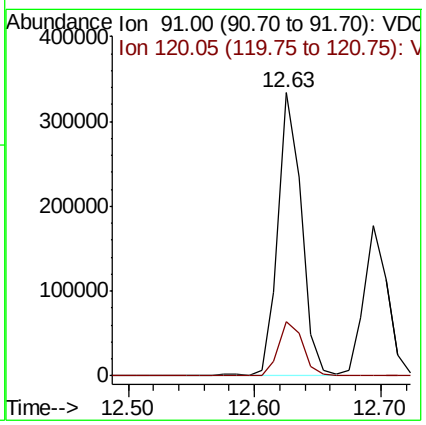
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

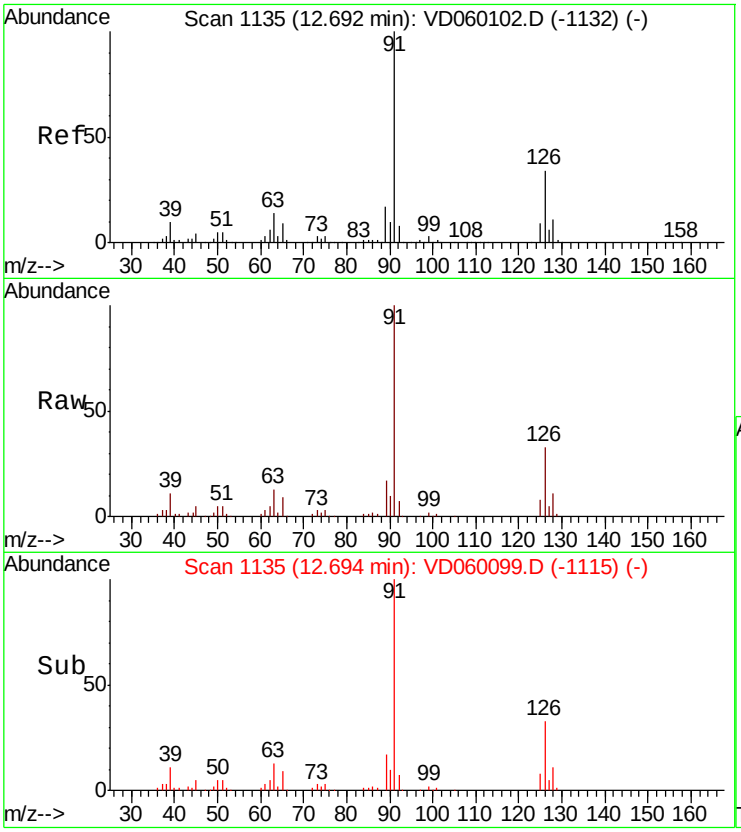


#78
n-propylbenzene
Concen: 5.620 ug/l
RT: 12.63 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 91 Resp: 435918

Ion	Ratio	Lower	Upper
91	100		
120	19.1	10.0	30.0





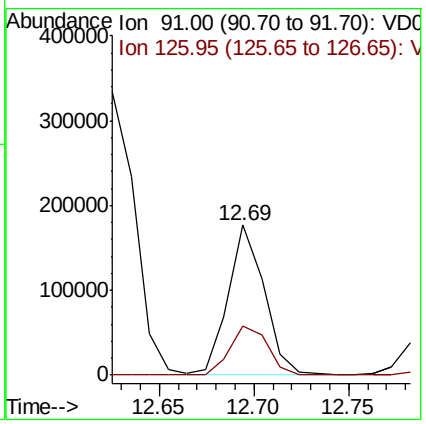
#79
2-Chlorotoluene
Concen: 5.305 ug/l
RT: 12.69 min Scan# 1135
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

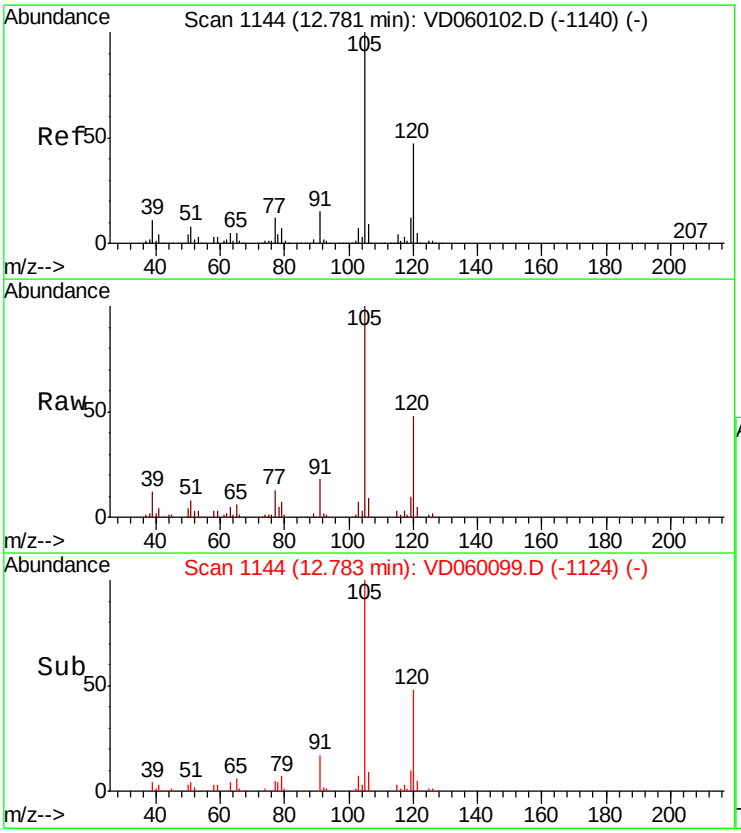
Tgt Ion: 91 Resp: 231837

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.8	50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

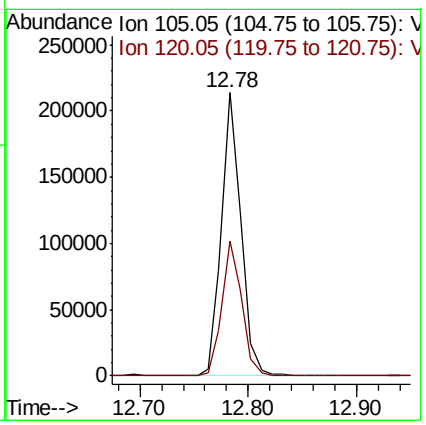


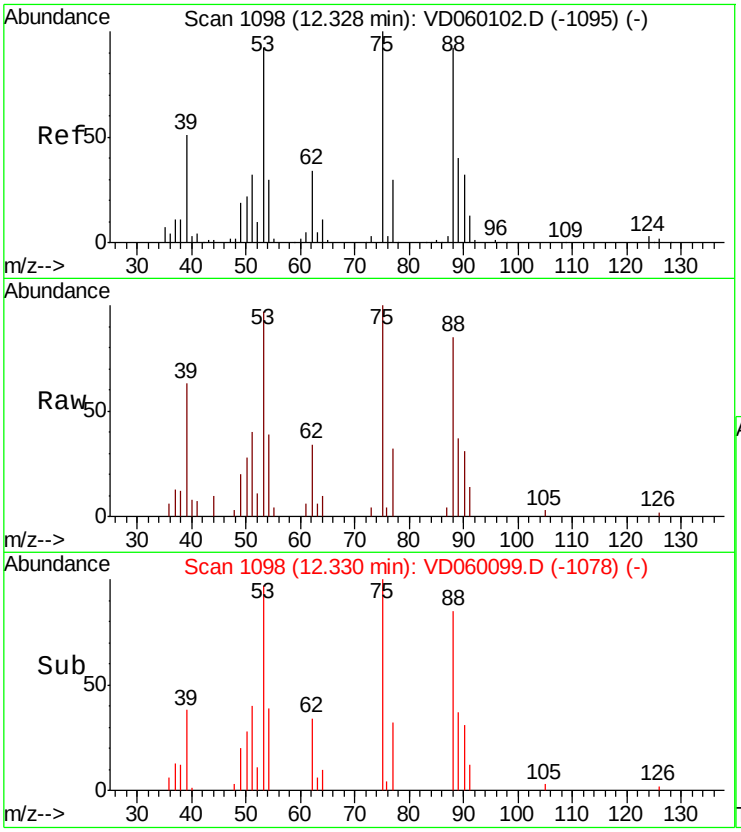


#80
1,3,5-Trimethylbenzene
Concen: 5.677 ug/l
RT: 12.78 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:105 Resp: 269106

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.7	71.1

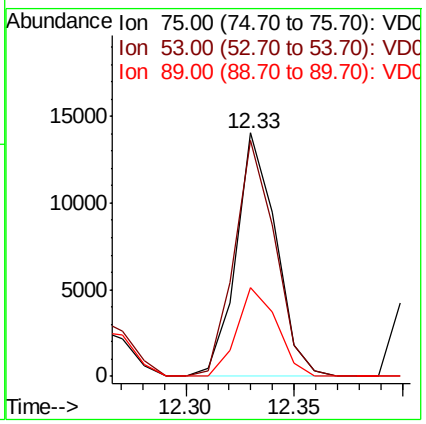




#81
trans-1,4-Dichloro-2-butene
Concen: 4.151 ug/l
RT: 12.33 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

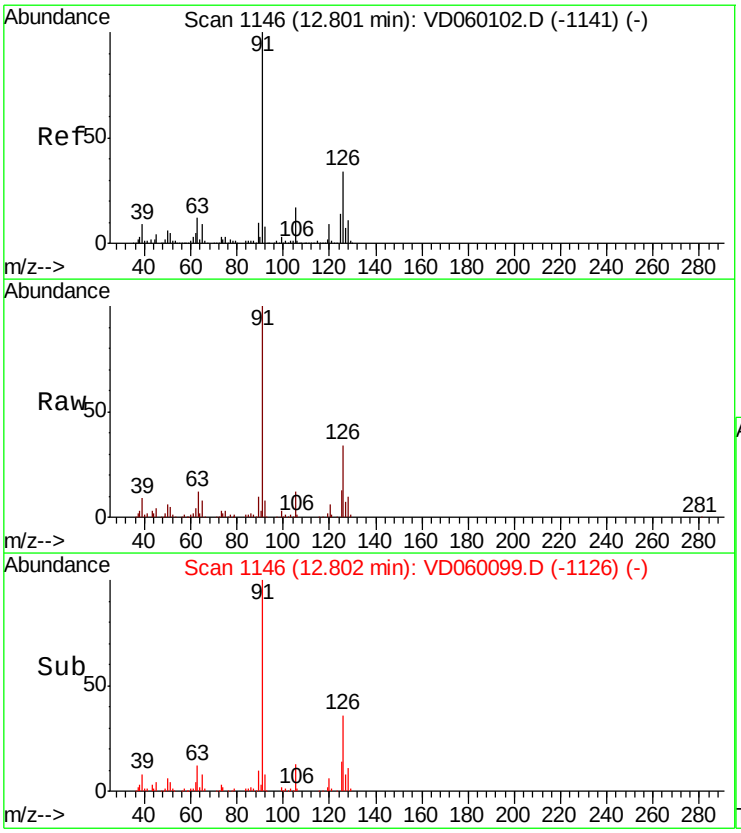
Tgt Ion: 75 Resp: 17901

Ion	Ratio	Lower	Upper
75	100		
53	96.8	73.0	109.6
89	36.5	32.0	48.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

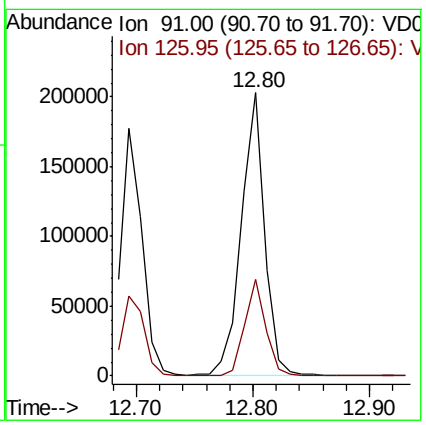
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

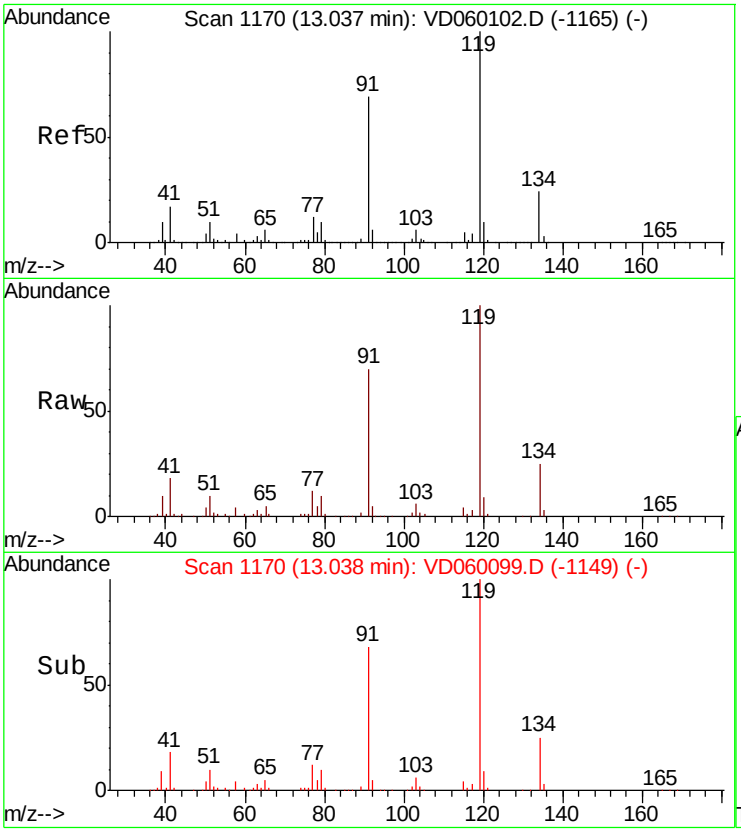


#82
4-Chlorotoluene
Concen: 5.827 ug/l
RT: 12.80 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 91 Resp: 279993

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.1	51.2

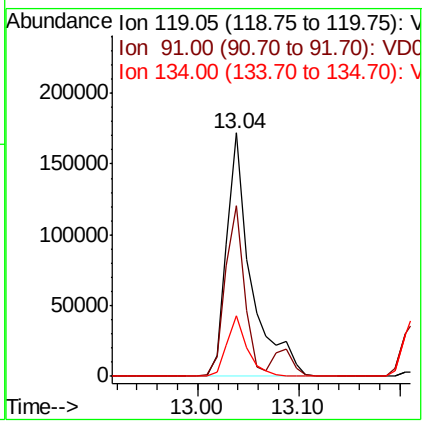




#83
tert-Butylbenzene
Concen: 5.293 ug/l
RT: 13.04 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

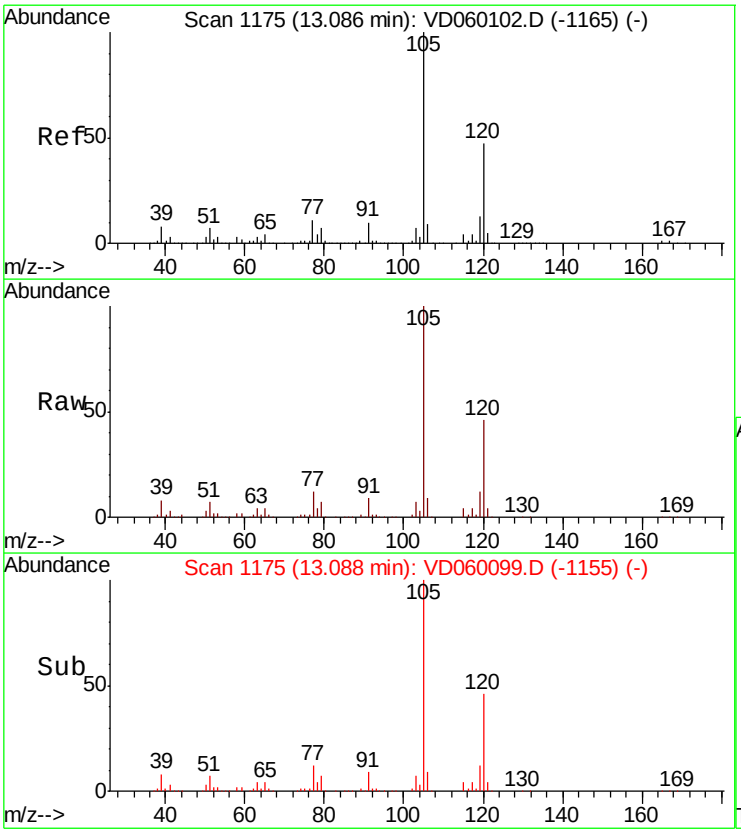
Tgt Ion:119 Resp: 291291

Ion	Ratio	Lower	Upper
119	100		
91	69.8	34.8	104.4
134	24.7	11.8	35.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

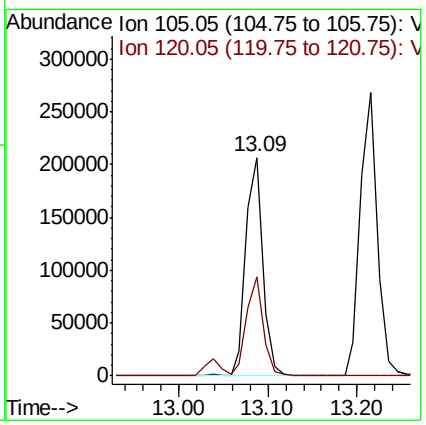
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

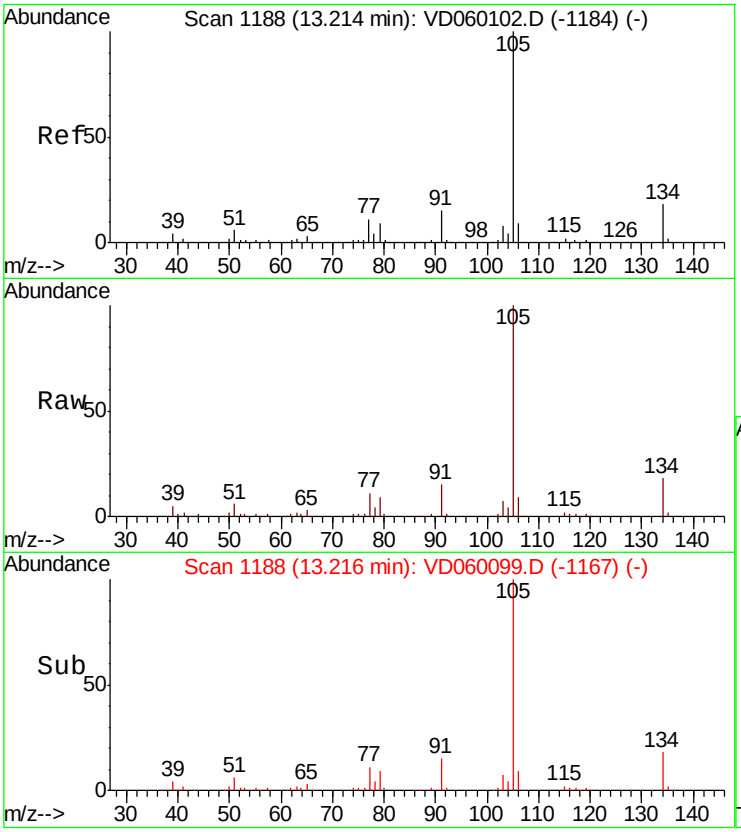


#84
1,2,4-Trimethylbenzene
Concen: 5.423 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:105 Resp: 275179

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.4	70.0





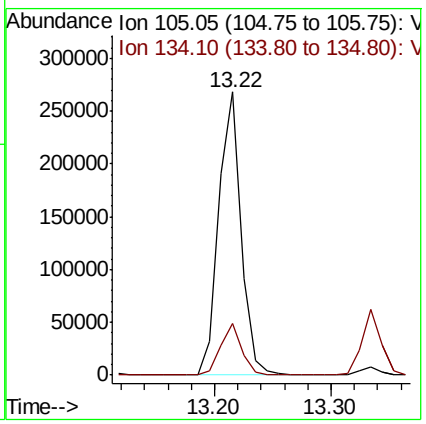
#85
sec-Butylbenzene
Concen: 5.508 ug/l
RT: 13.22 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

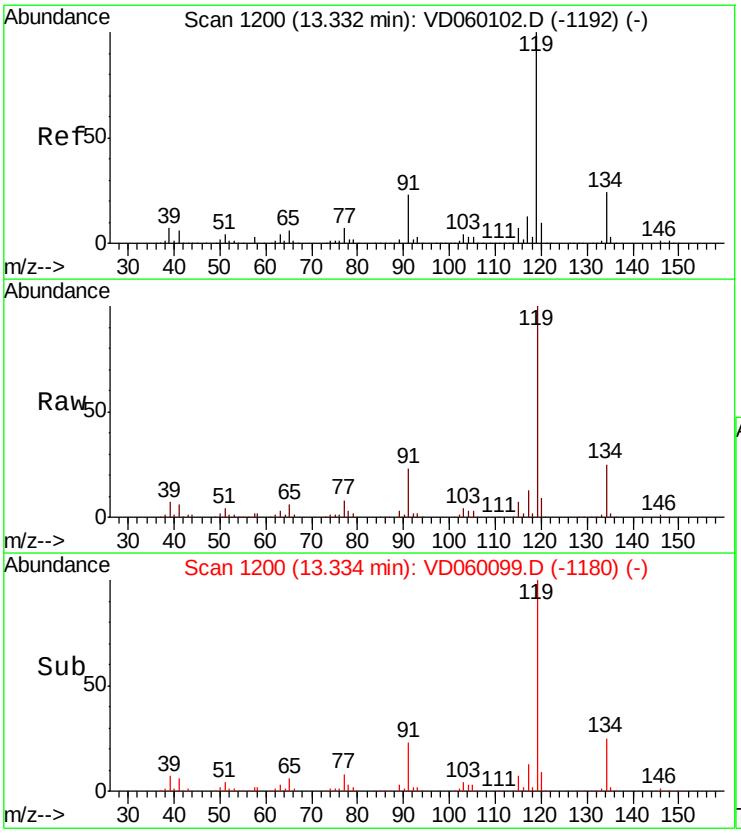
Tgt Ion:105 Resp: 357723

Ion	Ratio	Lower	Upper
105	100		
134	18.4	8.8	26.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

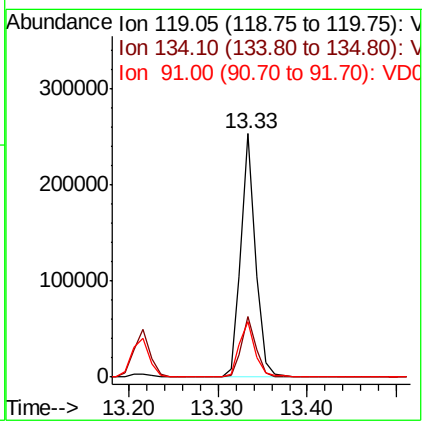


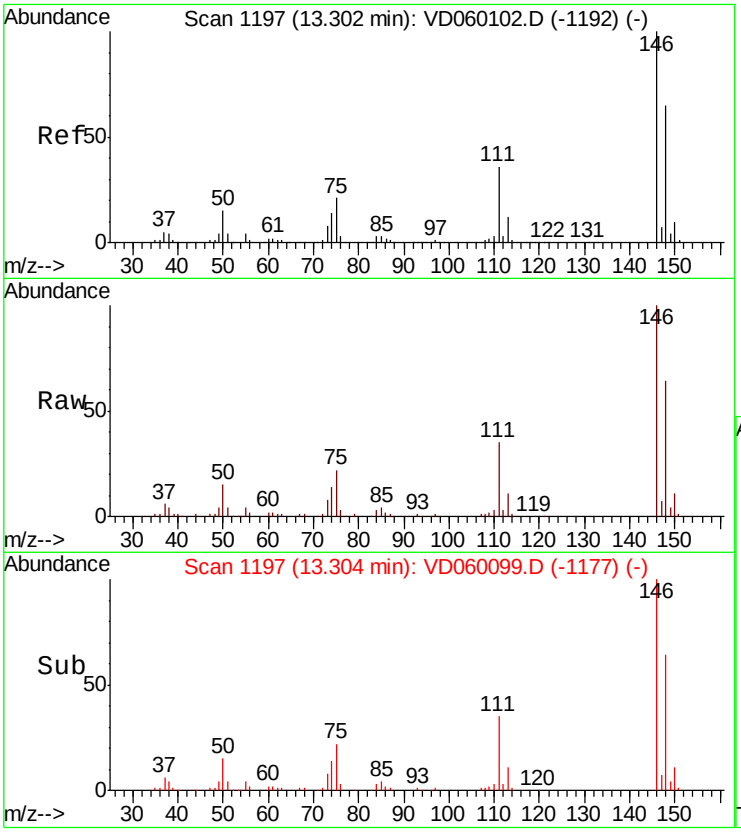


#86
p-Isopropyltoluene
Concen: 5.552 ug/l
RT: 13.33 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:119 Resp: 291827

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.3	36.8
91	22.9	11.8	35.4

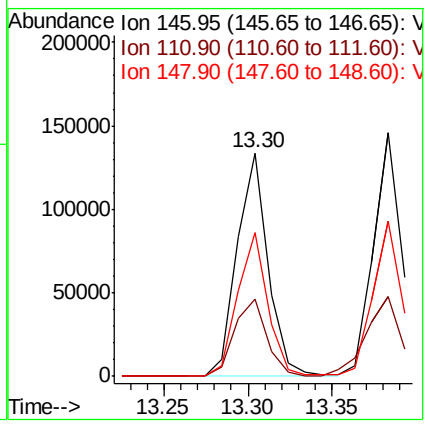




#87
1,3-Dichlorobenzene
Concen: 5.456 ug/l
RT: 13.30 min Scan# 1197
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

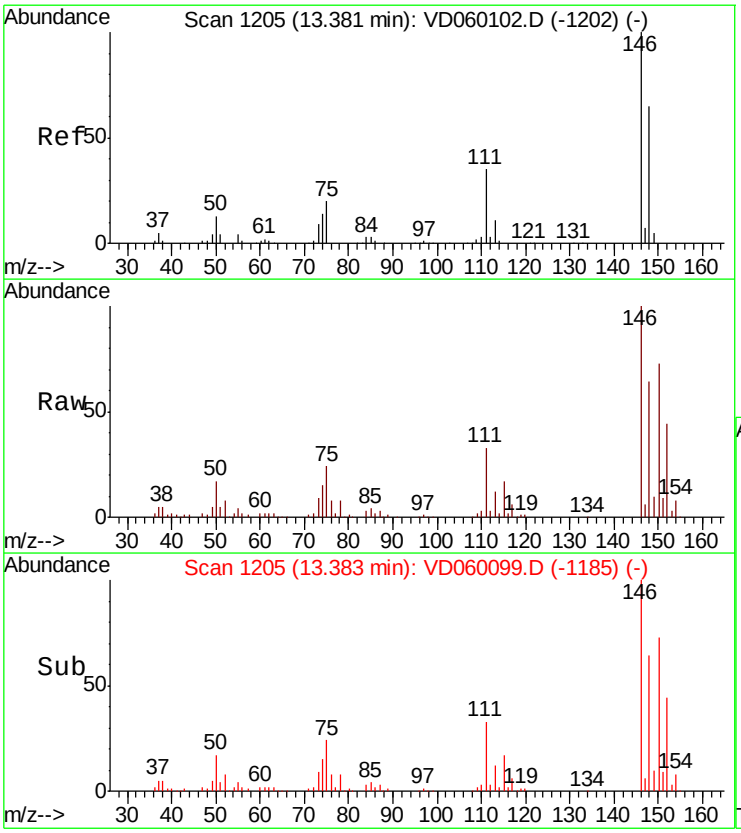
Tgt Ion:146 Resp: 169772

Ion	Ratio	Lower	Upper
146	100		
111	34.5	18.1	54.3
148	64.4	32.3	96.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

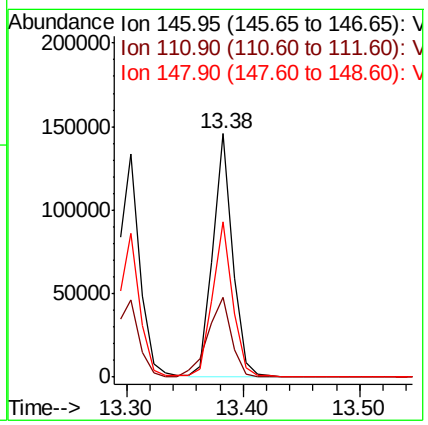
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

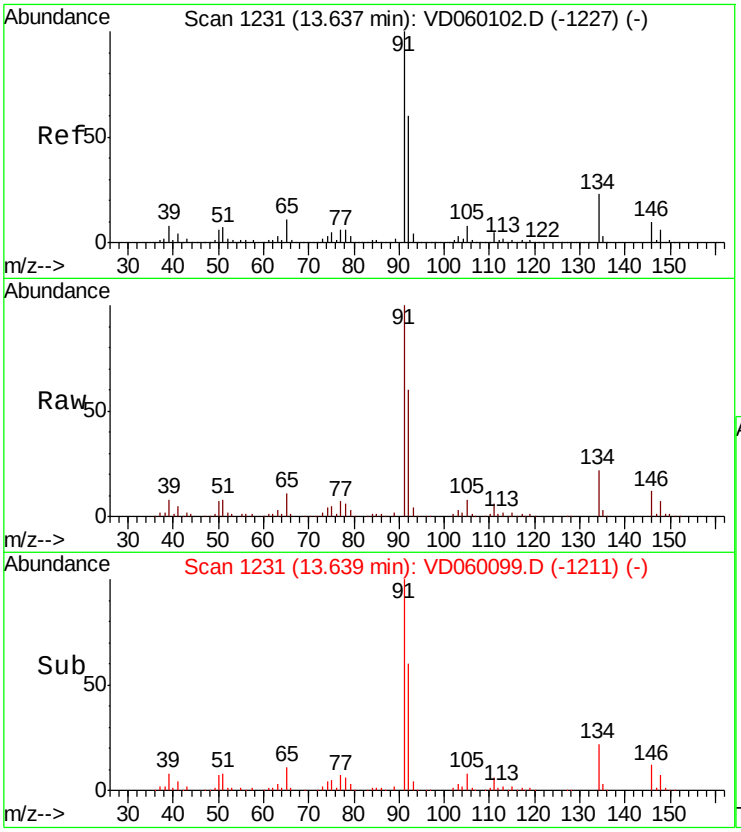


#88
1,4-Dichlorobenzene
Concen: 5.465 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:146 Resp: 172340

Ion	Ratio	Lower	Upper
146	100		
111	32.7	17.8	53.3
148	63.6	32.4	97.2

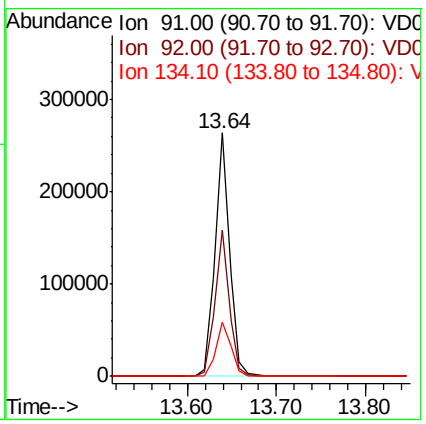




#89
n-Butylbenzene
Concen: 5.900 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

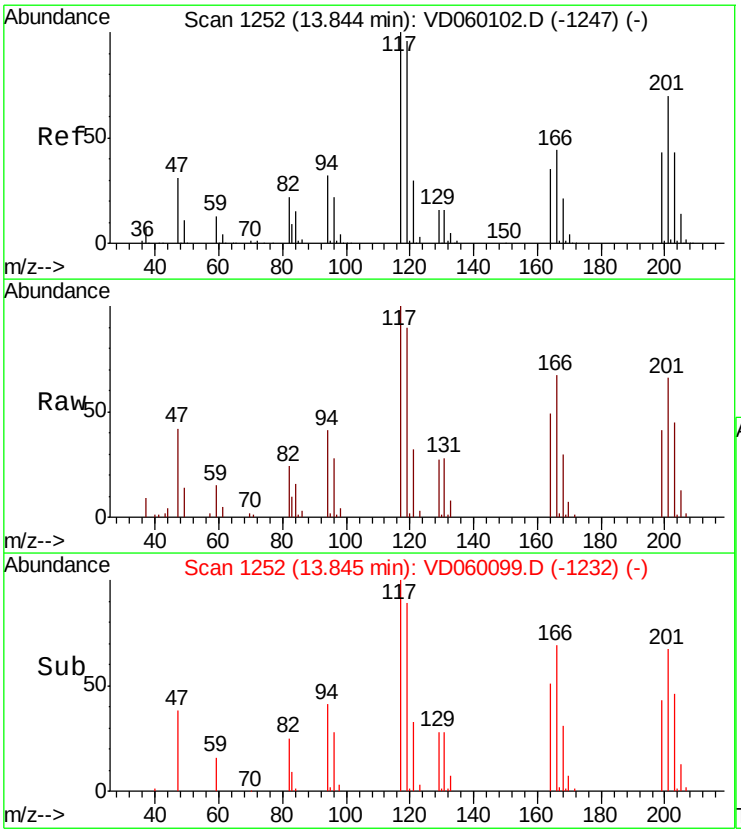
Tgt Ion: 91 Resp: 302060

Ion	Ratio	Lower	Upper
91	100		
92	60.2	30.1	90.3
134	22.4	11.6	34.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

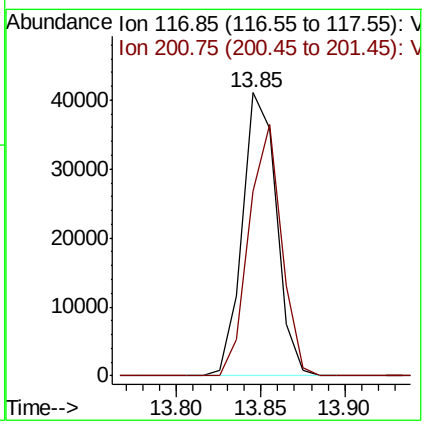
Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

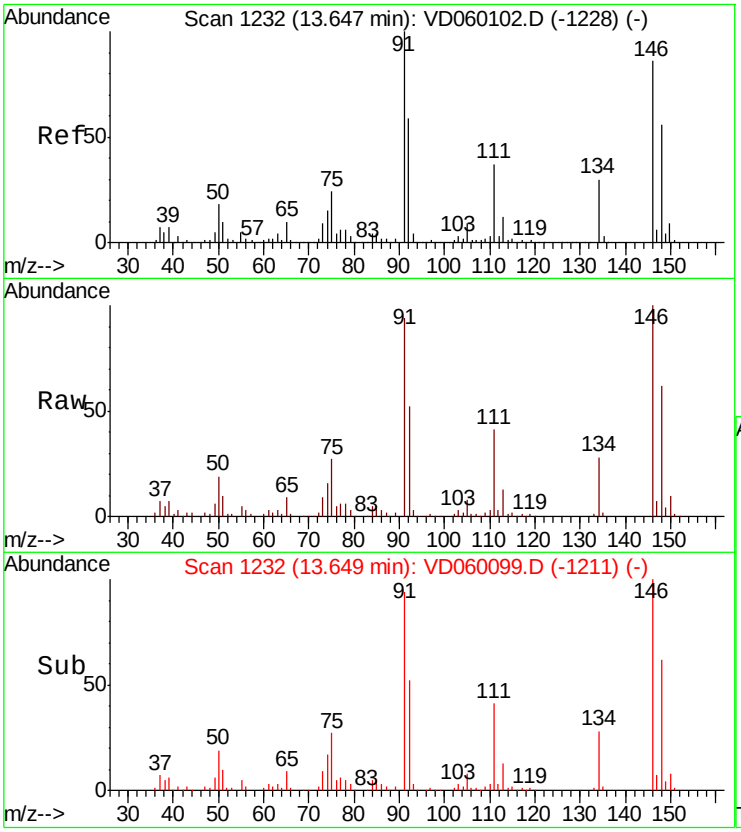


#90
Hexachloroethane
Concen: 4.438 ug/l
RT: 13.85 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:117 Resp: 57682

Ion	Ratio	Lower	Upper
117	100		
201	65.5	34.8	104.5





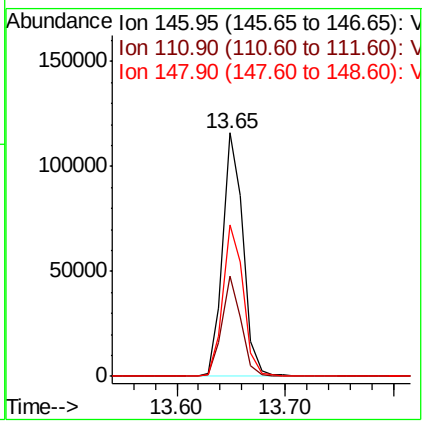
#91
1,2-Dichlorobenzene
Concen: 5.929 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

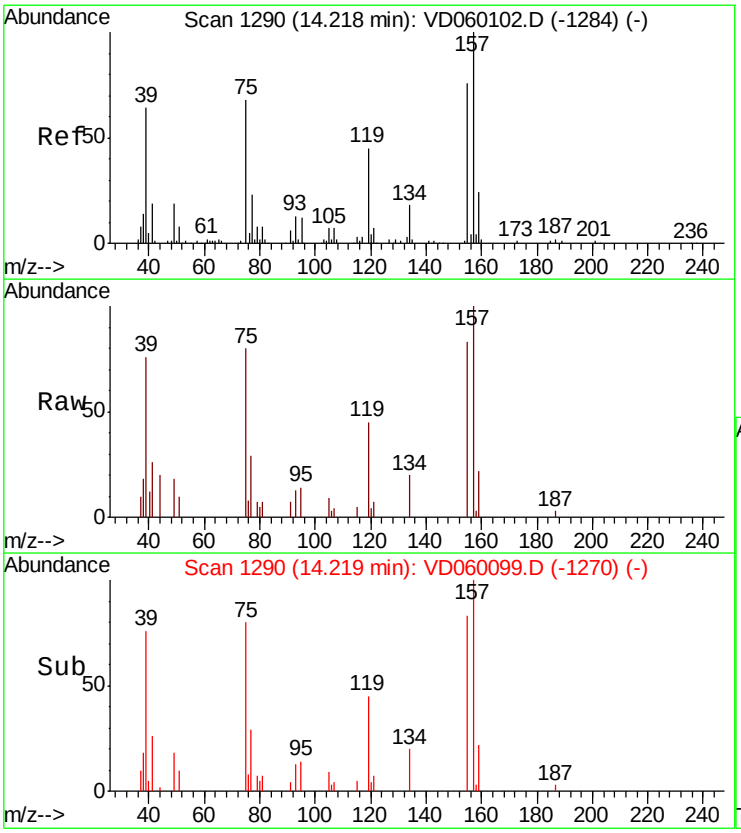
Tgt Ion:146 Resp: 152262

Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.4	64.3
148	62.3	32.2	96.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

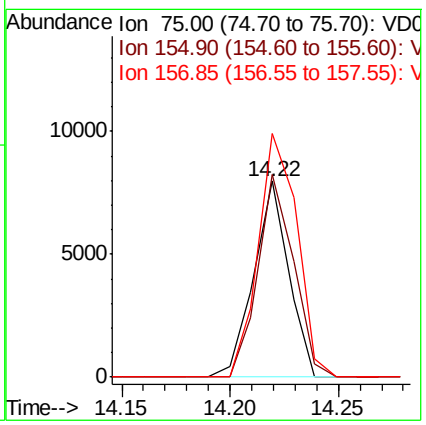


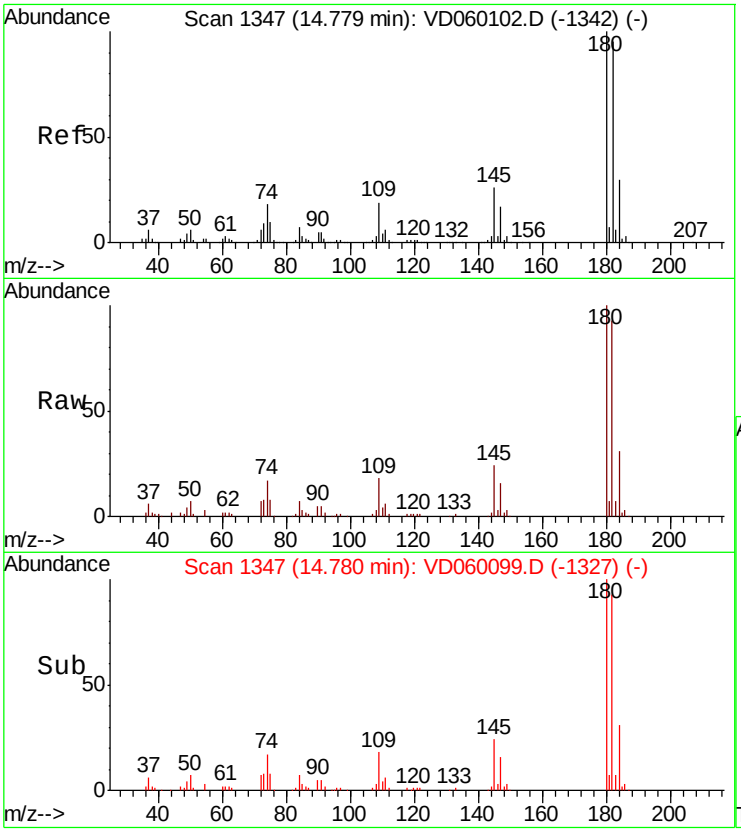


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.133 ug/l
RT: 14.22 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion: 75 Resp: 8855

Ion	Ratio	Lower	Upper
75	100		
155	103.5	55.9	167.7
157	124.4	73.3	219.8





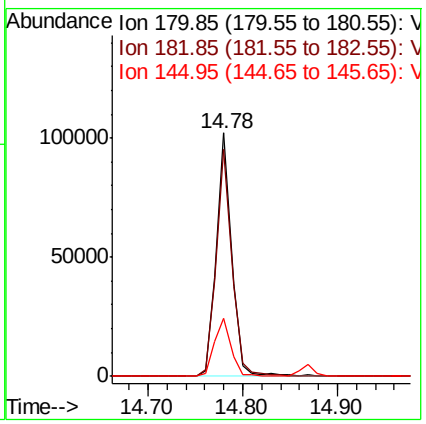
#93
1,2,4-Trichlorobenzene
Concen: 5.215 ug/l
RT: 14.78 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

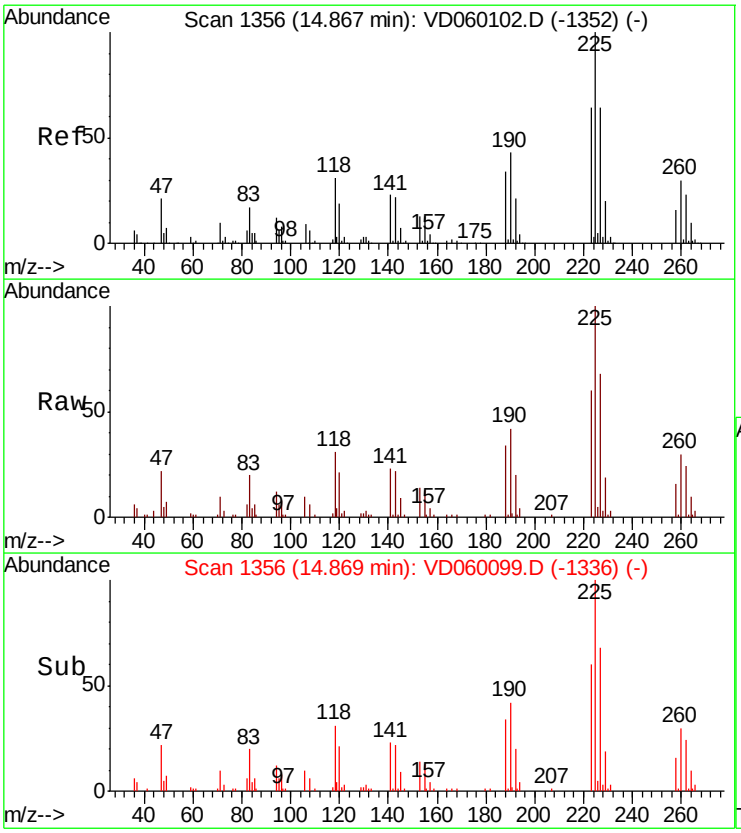
Tgt Ion:180 Resp: 115645

Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	141.8
145	24.0	13.0	38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM

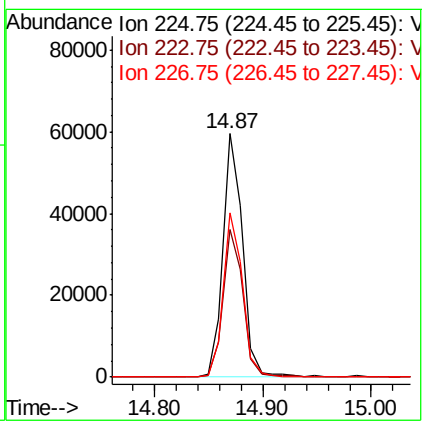


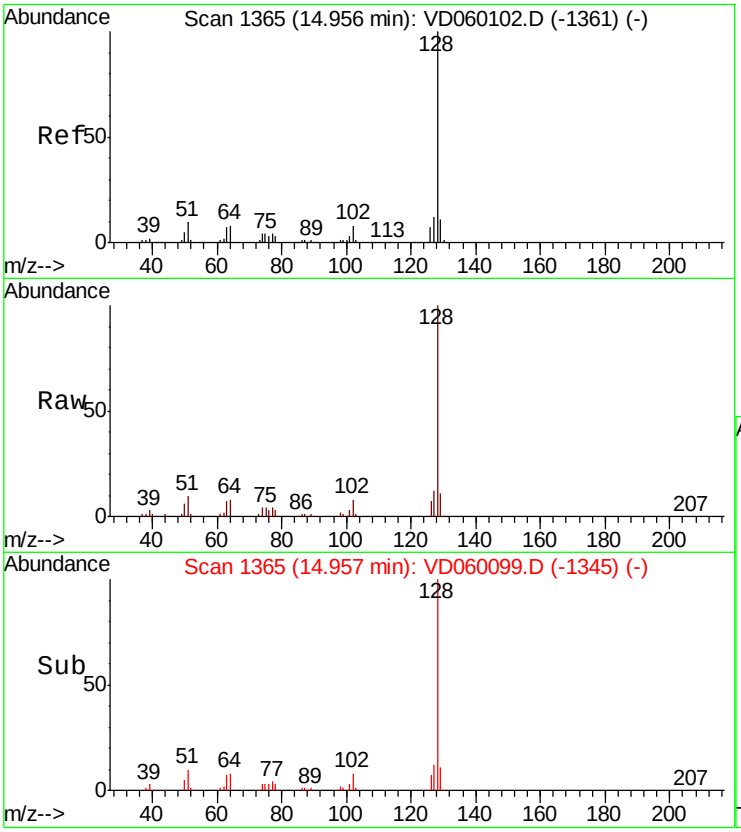


#94
Hexachlorobutadiene
Concen: 5.108 ug/l
RT: 14.87 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:225 Resp: 75044

Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.8	95.4
227	67.6	32.0	96.0

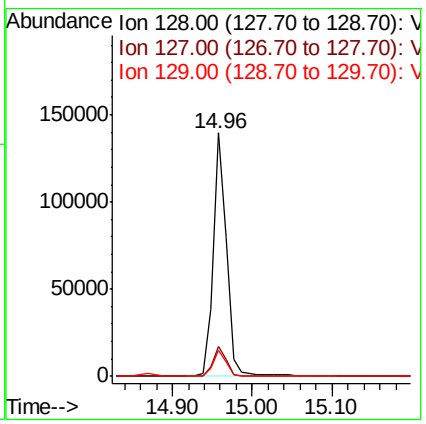




#95
Naphthalene
Concen: 4.821 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

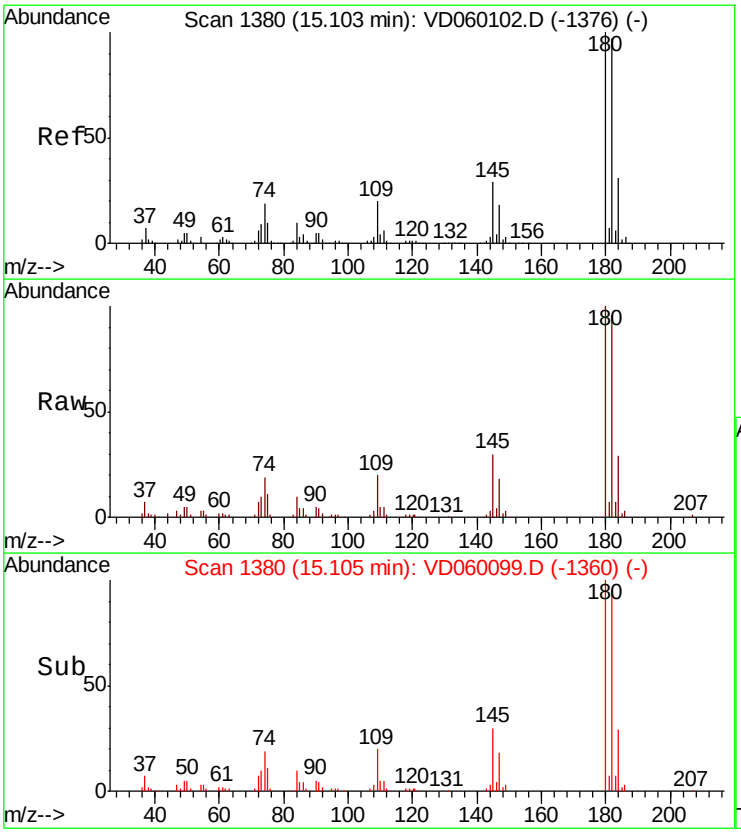
Tgt Ion:128 Resp: 164874

Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.9	14.9
129	10.9	8.8	13.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/2/2018 11:37:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.169 ug/l
RT: 15.11 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD060099.D
Acq: 1 Oct 2018 16:24

Tgt Ion:180 Resp: 100398

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	29.6	14.5	43.6