Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011519\
Data File : VF061405.D
Acq On : 15 Jan 2019 14:30
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

Quant Time: Jan 16 04:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:16:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.86	168	163375	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.59	114	275380	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.76	117	269961	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	152440	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.84	65	20136	10.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 20.20%				
35) Dibromofluoromethane	4.10	113	23408	10.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 21.04%				
50) Toluene-d8	7.54	98	59793	9.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 19.88%				
62) 4-Bromofluorobenzene	11.40	95	30806	10.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 21.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.95	85	35782	11.051	ug/l		91
3) Chloromethane	1.08	50	27731	11.298	ug/l		94
4) Vinyl Chloride	1.12	62	24386	11.279	ug/l		97
5) Bromomethane	1.29	94	17529	11.841	ug/l		96
6) Chloroethane	1.37	64	11788	12.069	ug/l		94
7) Trichlorofluoromethane	1.47	101	49810	11.571	ug/l		87
8) Diethyl Ether	1.63	74	5831	10.803	ug/l		93
9) 1,1,2-Trichlorotrifluoroet	1.81	101	22838	11.354	ug/l		98
10) Methyl Iodide	1.84	142	36551	11.728	ug/l		100
11) Tert butyl alcohol	2.55	59	4338	50.047	ug/l	#	80
12) 1,1-Dichloroethene	1.75	96	17184	11.500	ug/l		87
13) Acrolein	1.99	56	4238	52.564	ug/l		84
14) Allyl chloride	2.09	41	30430	11.321	ug/l		94
15) Acrylonitrile	2.93	53	11506	50.923	ug/l		92
16) Acetone	2.23	43	22314	51.853	ug/l		95
17) Carbon Disulfide	1.76	76	55630	11.935	ug/l		95
18) Methyl Acetate	2.35	43	9417	9.275	ug/l		98
19) Methyl tert-butyl Ether	2.42	73	38269	11.491	ug/l		96
20) Methylene Chloride	2.18	84	17995	10.632	ug/l		87
21) trans-1,2-Dichloroethene	2.31	96	18656	11.238	ug/l		99
22) Diisopropyl ether	2.79	45	54939	10.509	ug/l		91
23) Vinyl Acetate	3.17	43	77223	38.825	ug/l		99
24) 1,1-Dichloroethane	2.87	63	36753	11.040	ug/l		96
25) 2-Butanone	4.32	43	29787	43.458	ug/l		97
26) 2,2-Dichloropropane	3.59	77	24030m	11.205	ug/l		
27) cis-1,2-Dichloroethene	3.47	96	26512	11.055	ug/l		87
28) Bromochloromethane	3.70	49	17335	11.186	ug/l	#	67
29) Tetrahydrofuran	4.07	42	14961	49.612	ug/l		98
30) Chloroform	3.85	83	46422	10.333	ug/l		93
31) Cyclohexane	3.70	56	38640	11.374	ug/l		95
32) 1,1,1-Trichloroethane	4.09	97	39708m	11.623	ug/l		
36) 1,1-Dichloropropene	4.28	75	34283	10.498	ug/l	#	92
37) Ethyl Acetate	4.11	43	12733	9.603	ug/l		85
38) Carbon Tetrachloride	3.98	117	35223	9.956	ug/l		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011519\
Data File : VF061405.D
Acq On : 15 Jan 2019 14:30
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

Quant Time: Jan 16 04:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:16:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.45	83	41267	11.446	ug/l		98
40) Benzene	4.62	78	80369	10.852	ug/l		97
41) Methacrylonitrile	4.74	41	7705	11.032	ug/l	#	86
42) 1,2-Dichloroethane	4.93	62	25080	9.771	ug/l		97
43) Isopropyl Acetate	6.95	43	14819	9.347	ug/l	#	82
44) Trichloroethene	5.50	130	22978	10.100	ug/l		72
45) 1,2-Dichloropropane	6.23	63	19487	10.265	ug/l		99
46) Dibromomethane	6.07	93	12847	10.322	ug/l		90
47) Bromodichloromethane	6.38	83	29957	9.837	ug/l	#	96
48) Methyl methacrylate	6.72	41	10835	10.123	ug/l		98
49) 1,4-Dioxane	6.69	88	1122	140.340	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.24	43	64152	51.666	ug/l		98
52) Toluene	7.61	92	51470	10.466	ug/l		97
53) t-1,3-Dichloropropene	8.27	75	22678	9.231	ug/l		98
54) cis-1,3-Dichloropropene	7.29	75	28479	9.216	ug/l	#	95
55) 1,1,2-Trichloroethane	8.48	97	12948	9.688	ug/l		95
56) Ethyl methacrylate	8.61	69	14968	9.772	ug/l		97
57) 1,3-Dichloropropane	8.85	76	22743	9.173	ug/l	#	88
58) 2-Chloroethyl Vinyl ether	7.29	63	3404	32.851	ug/l	#	84
59) 2-Hexanone	9.49	43	45174	52.268	ug/l		90
60) Dibromochloromethane	8.71	129	18152	9.556	ug/l		97
61) 1,2-Dibromoethane	8.97	107	15451	10.104	ug/l		94
64) Tetrachloroethene	8.15	164	19053	9.265	ug/l		91
65) Chlorobenzene	9.79	112	53828	9.409	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.92	131	21845	9.754	ug/l		98
67) Ethyl Benzene	9.89	91	105435	9.953	ug/l		97
68) m/p-Xylenes	10.12	106	77439	20.264	ug/l		96
69) o-Xylene	10.70	106	42288	10.360	ug/l		99
70) Styrene	10.78	104	59479	10.498	ug/l		97
71) Bromoform	10.76	173	9678	10.028	ug/l		85
73) Isopropylbenzene	11.11	105	130080	9.770	ug/l		99
74) N-amyl acetate	11.36	43	29960	9.798	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.69	83	22953	9.912	ug/l		97
76) 1,2,3-Trichloropropane	11.79	75	16151	9.704	ug/l		90
77) Bromobenzene	11.49	156	26614	9.793	ug/l		90
78) n-propylbenzene	11.59	91	165233	10.187	ug/l		97
79) 2-Chlorotoluene	11.72	91	92498	10.035	ug/l		99
80) 1,3,5-Trimethylbenzene	11.82	105	103627	9.751	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.86	75	6096m	6.942	ug/l		
82) 4-Chlorotoluene	11.89	91	90388	9.900	ug/l		97
83) tert-Butylbenzene	12.12	119	105113	9.512	ug/l		97
84) 1,2,4-Trimethylbenzene	12.20	105	111327	10.126	ug/l		98
85) sec-Butylbenzene	12.30	105	145465	9.679	ug/l		93
86) p-Isopropyltoluene	12.46	119	127487	10.189	ug/l		99
87) 1,3-Dichlorobenzene	12.47	146	55865	10.000	ug/l		96
88) 1,4-Dichlorobenzene	12.55	146	50158	9.801	ug/l		94
89) n-Butylbenzene	12.84	91	129263	9.996	ug/l		96
90) Hexachloroethane	12.91	117	25560	9.254	ug/l		92
91) 1,2-Dichlorobenzene	12.94	146	51758	9.942	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.64	75	3903	9.944	ug/l		83

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011519\
Data File : VF061405.D
Acq On : 15 Jan 2019 14:30
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

Quant Time: Jan 16 04:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:16:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	35116	9.665	ug/l	96
94) Hexachlorobutadiene	14.18	225	20948	9.522	ug/l	95
95) Naphthalene	14.45	128	60479	9.352	ug/l	98
96) 1,2,3-Trichlorobenzene	14.60	180	30775	9.430	ug/l	91

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

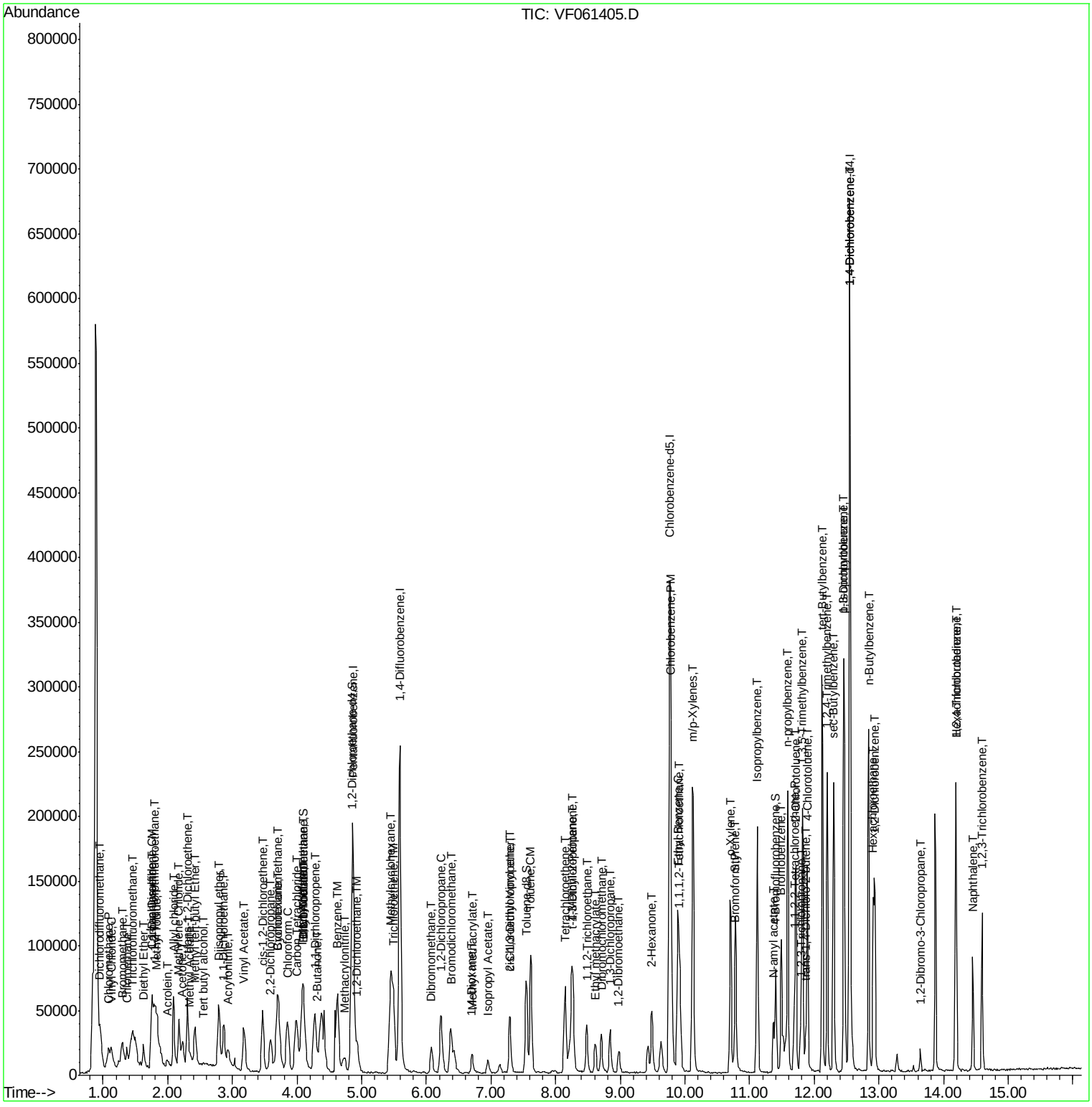
Quantitation Report (QT Reviewed)

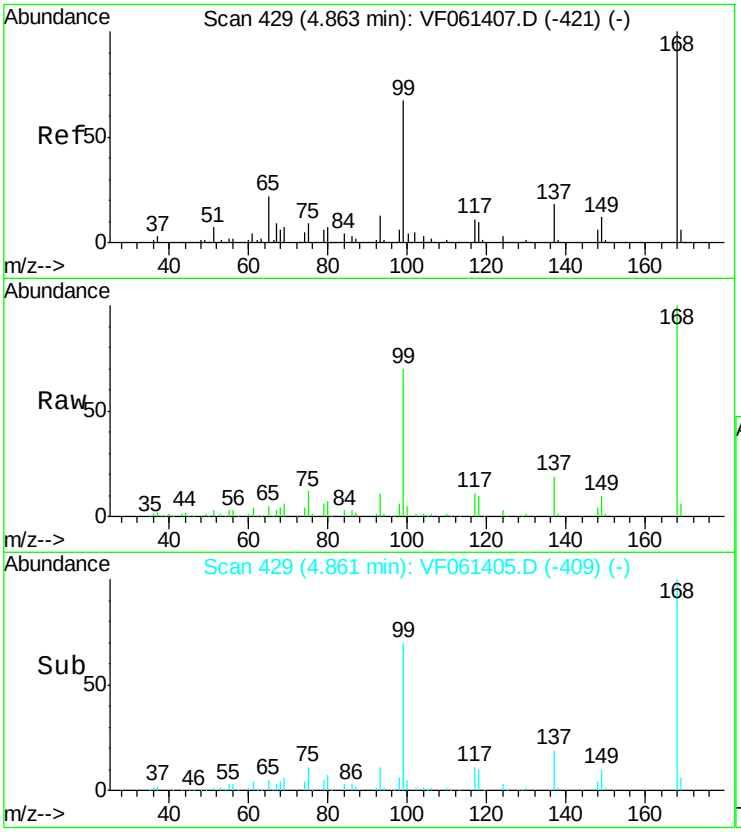
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011519\
Data File : VF061405.D
Acq On : 15 Jan 2019 14:30
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 04:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:16:25 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM





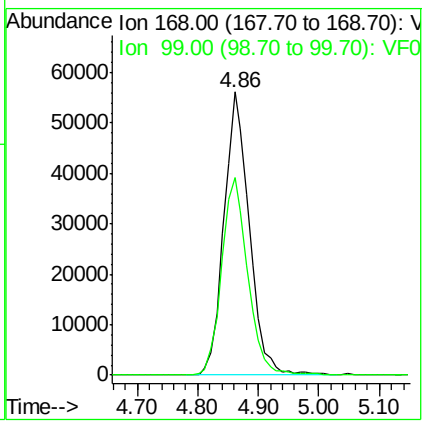
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

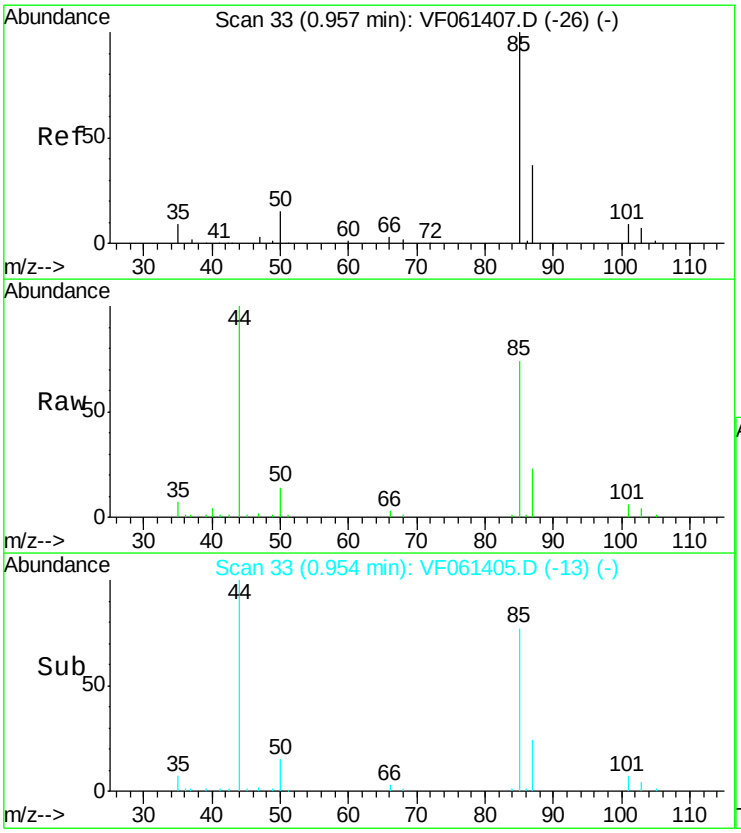
Tgt Ion:168 Resp: 163375

Ion	Ratio	Lower	Upper
168	100		
99	69.9	53.5	80.3

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

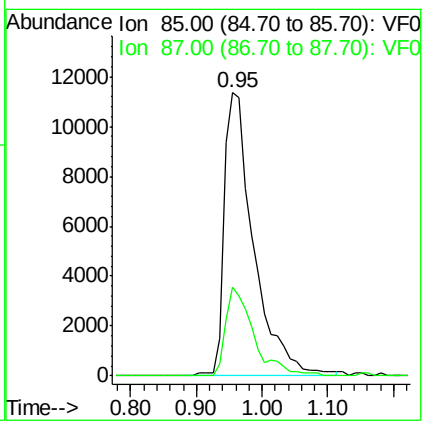


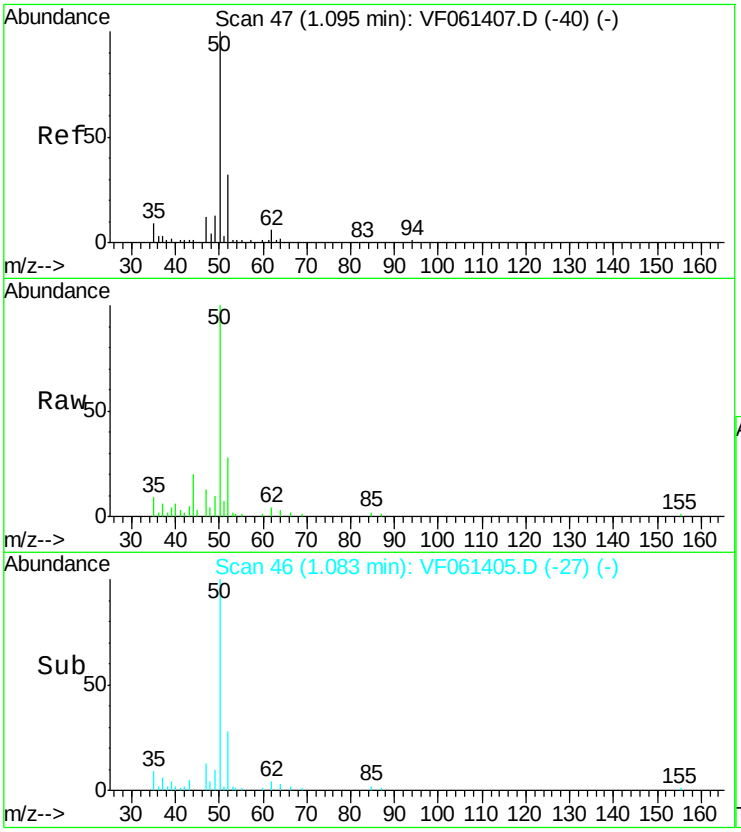


#2
Dichlorodifluoromethane
Concen: 11.051 ug/l
RT: 0.95 min Scan# 33
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 85 Resp: 35782

Ion	Ratio	Lower	Upper
85	100		
87	31.3	18.4	55.0

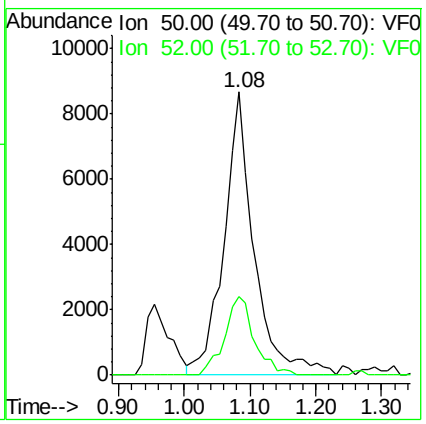




#3
Chloromethane
Concen: 11.298 ug/l
RT: 1.08 min Scan# 46
Delta R.T. -0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

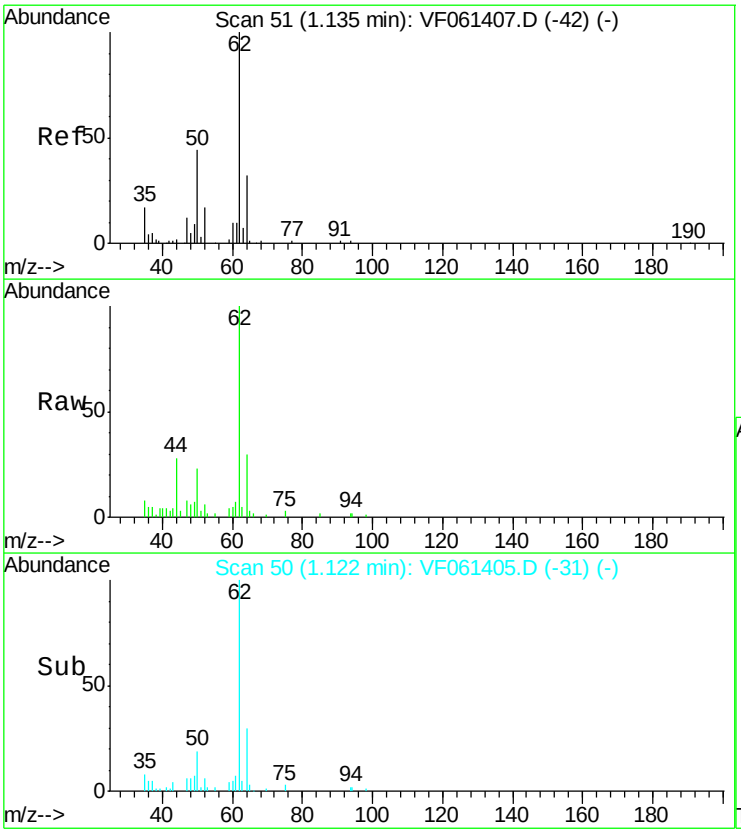
Tgt Ion: 50 Resp: 27731

Ion	Ratio	Lower	Upper
50	100		
52	27.6	24.6	36.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

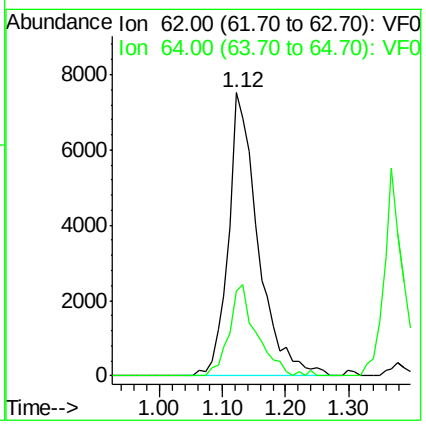
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

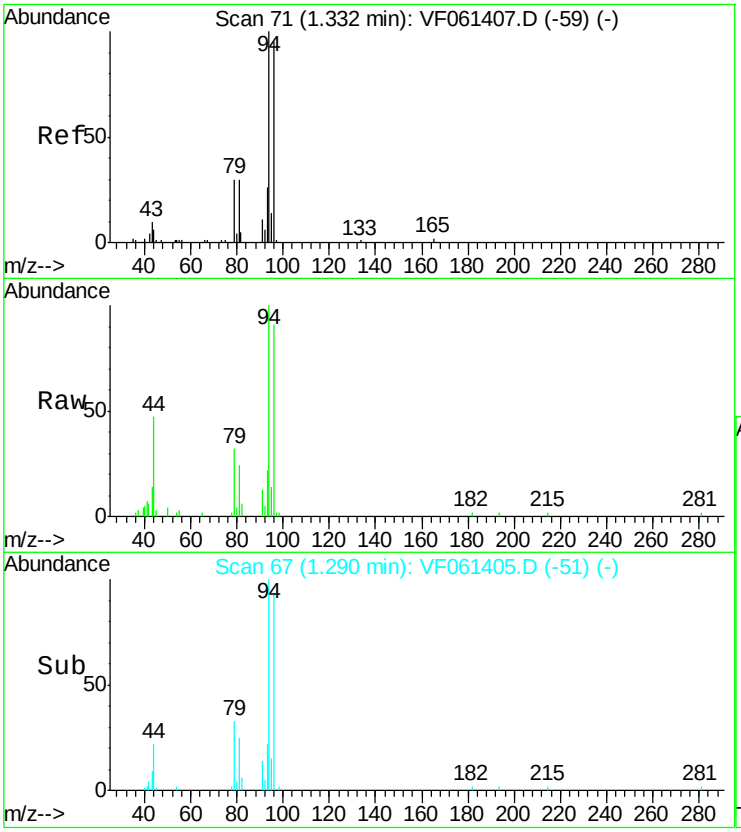


#4
Vinyl Chloride
Concen: 11.279 ug/l
RT: 1.12 min Scan# 50
Delta R.T. -0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 62 Resp: 24386

Ion	Ratio	Lower	Upper
62	100		
64	30.1	25.6	38.4

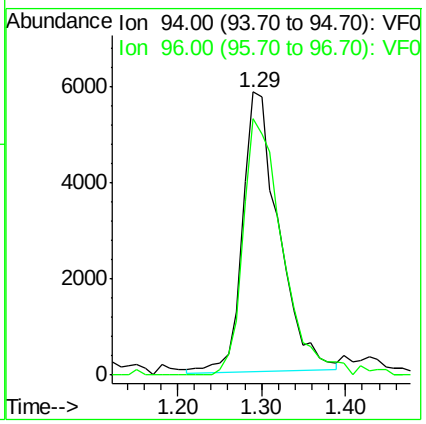




#5
Bromomethane
Concen: 11.841 ug/l
RT: 1.29 min Scan# 67
Delta R.T. -0.04 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

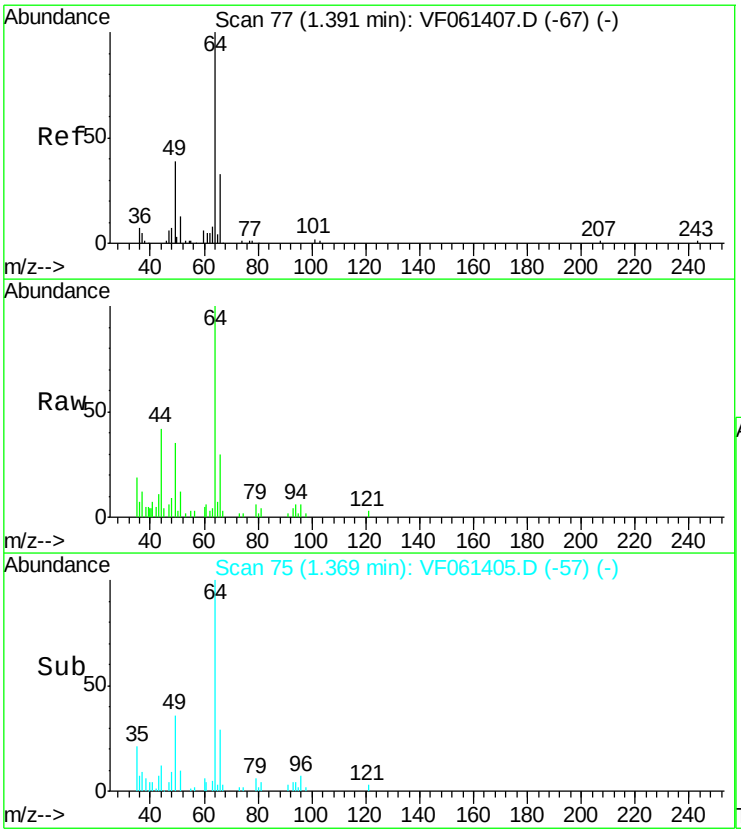
Tgt Ion: 94 Resp: 17529

Ion	Ratio	Lower	Upper
94	100		
96	90.7	76.0	114.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

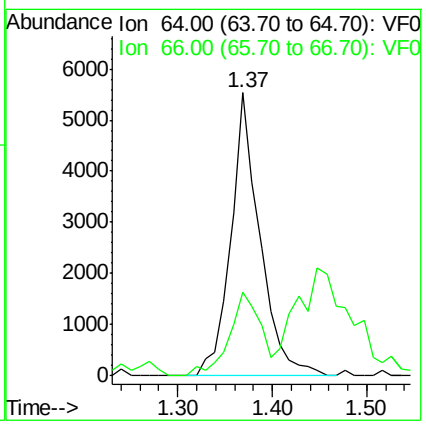
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

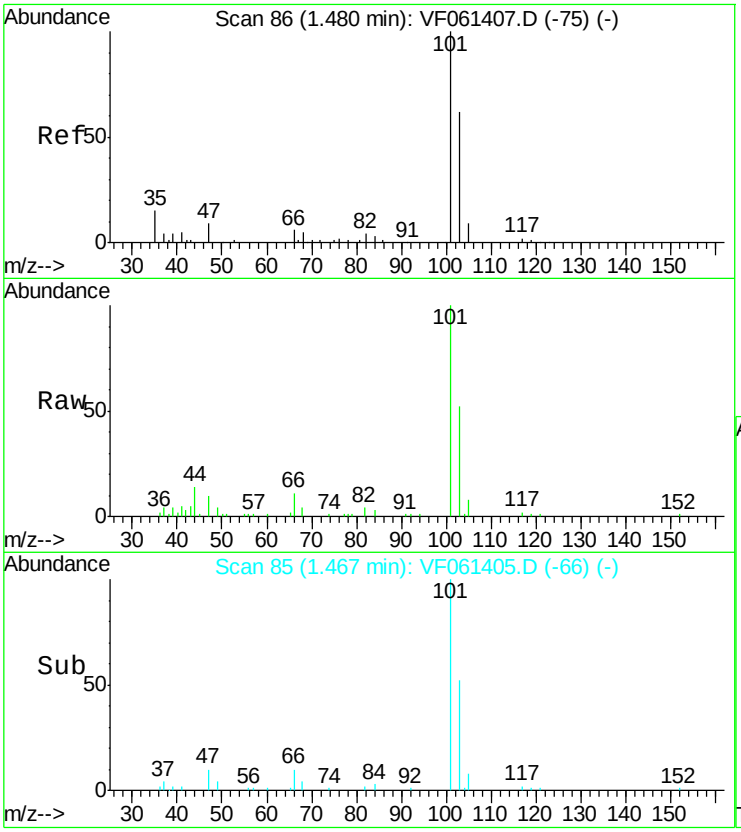


#6
Chloroethane
Concen: 12.069 ug/l
RT: 1.37 min Scan# 75
Delta R.T. -0.02 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 64 Resp: 11788

Ion	Ratio	Lower	Upper
64	100		
66	29.8	26.6	40.0

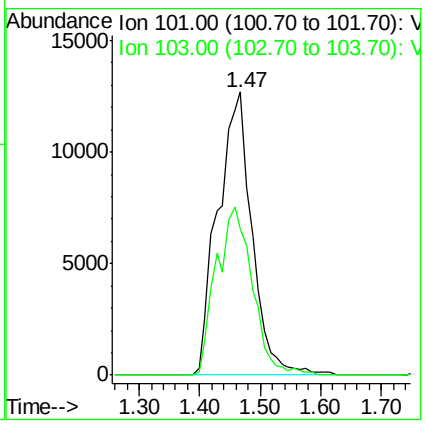




#7
Trichlorofluoromethane
Concen: 11.571 ug/l
RT: 1.47 min Scan# 85
Delta R.T. -0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

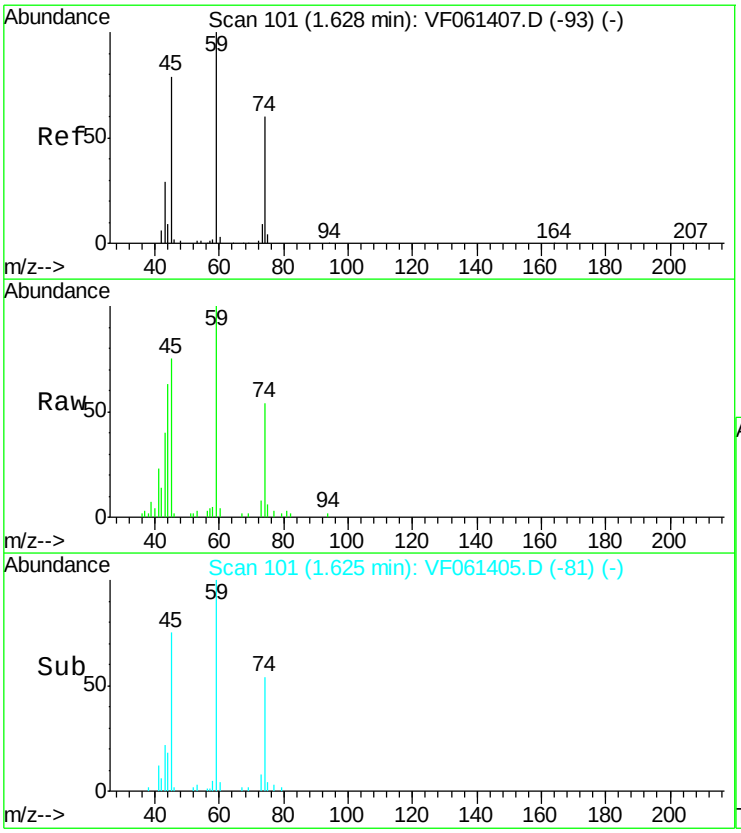
Tgt Ion:101 Resp: 49810

Ion	Ratio	Lower	Upper
101	100		
103	51.9	49.7	74.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

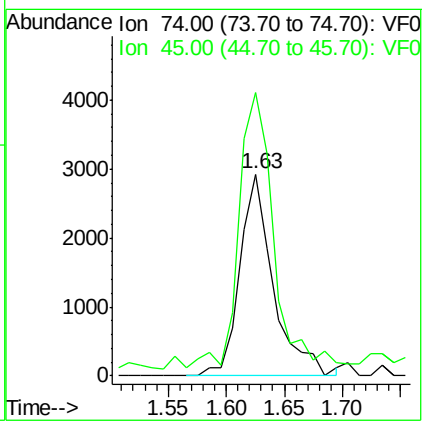
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

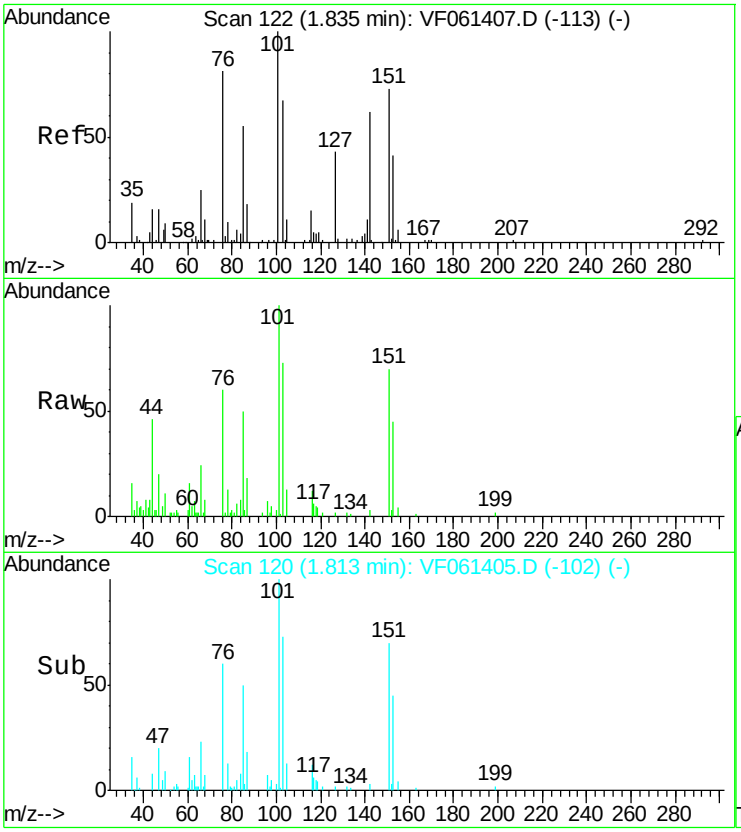


#8
Diethyl Ether
Concen: 10.803 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 74 Resp: 5831

Ion	Ratio	Lower	Upper
74	100		
45	140.1	65.8	197.5

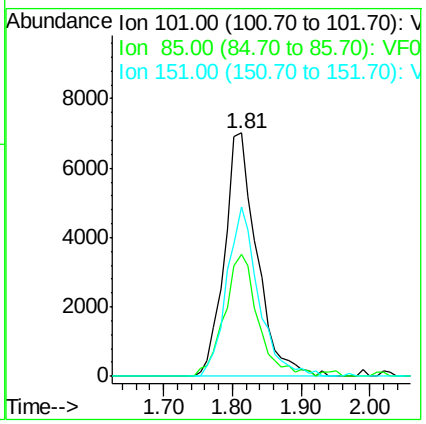




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.354 ug/l
RT: 1.81 min Scan# 120
Delta R.T. -0.02 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

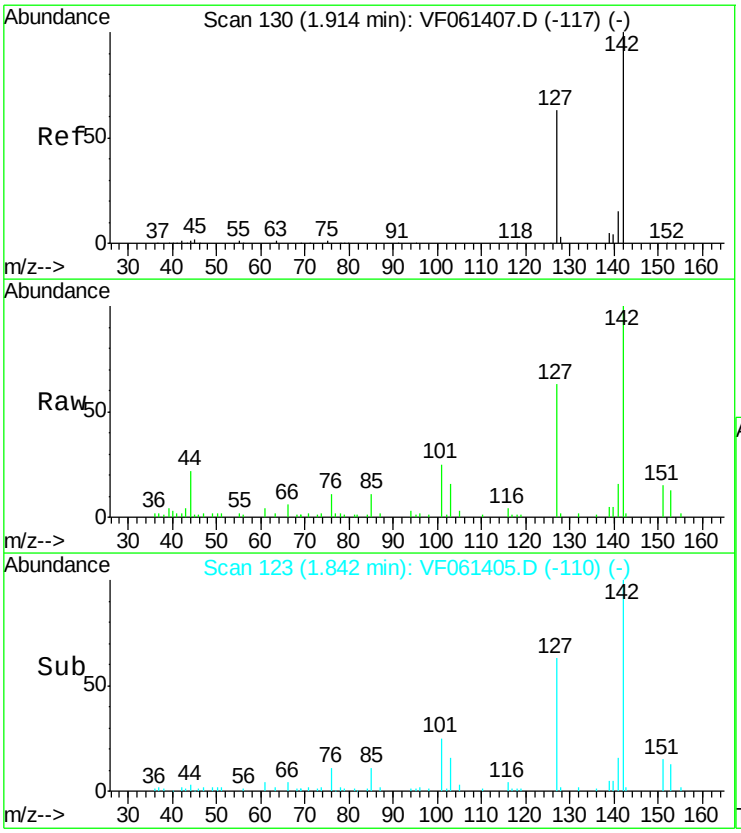
Tgt Ion:101 Resp: 22838

Ion	Ratio	Lower	Upper
101	100		
85	50.2	41.9	62.9
151	69.6	55.1	82.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

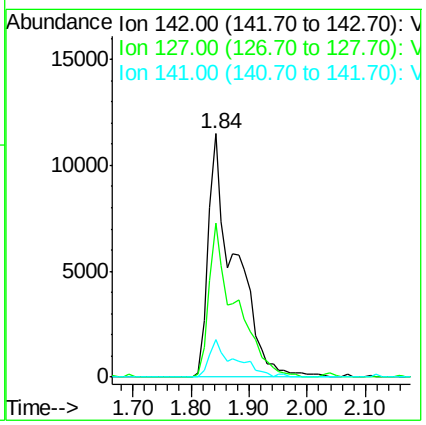
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

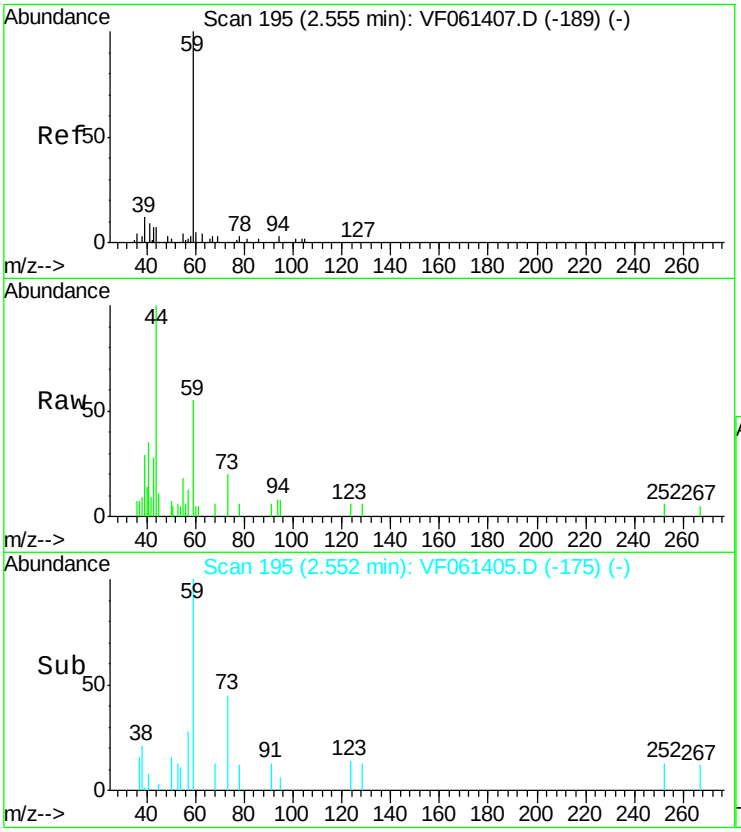


#10
Methyl Iodide
Concen: 11.728 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.07 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:142 Resp: 36551

Ion	Ratio	Lower	Upper
142	100		
127	63.5	50.7	76.1
141	15.5	11.8	17.6





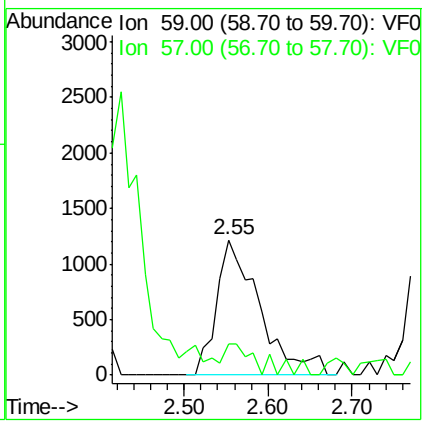
#11
Tert butyl alcohol
Concen: 50.047 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

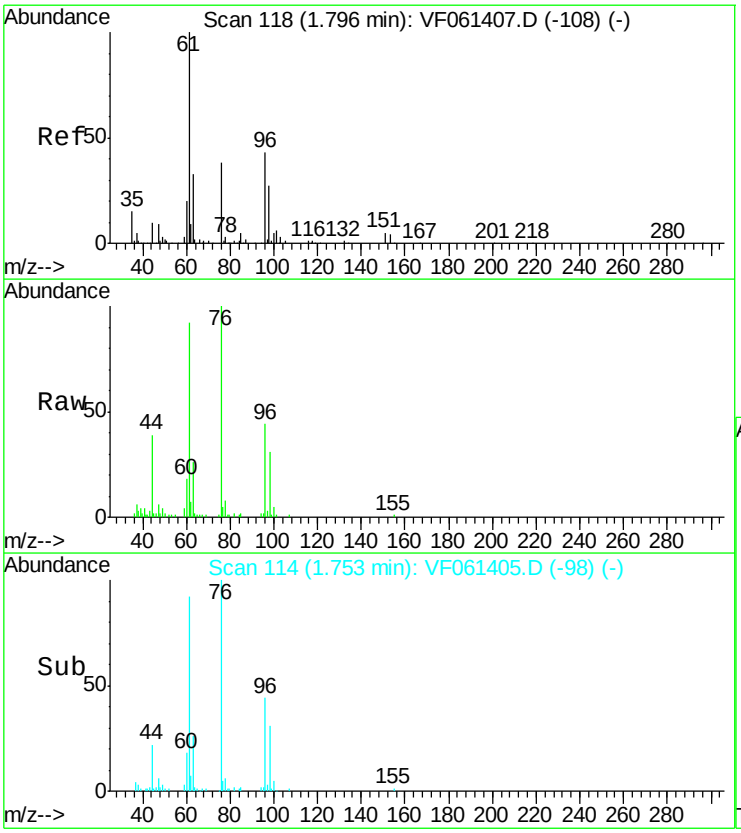
Tgt Ion: 59 Resp: 4338

Ion	Ratio	Lower	Upper
59	100		
57	23.2	11.9	17.9#

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

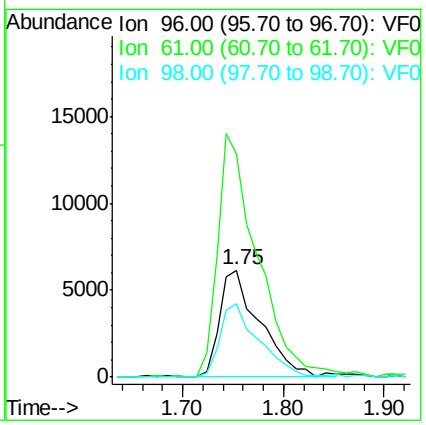


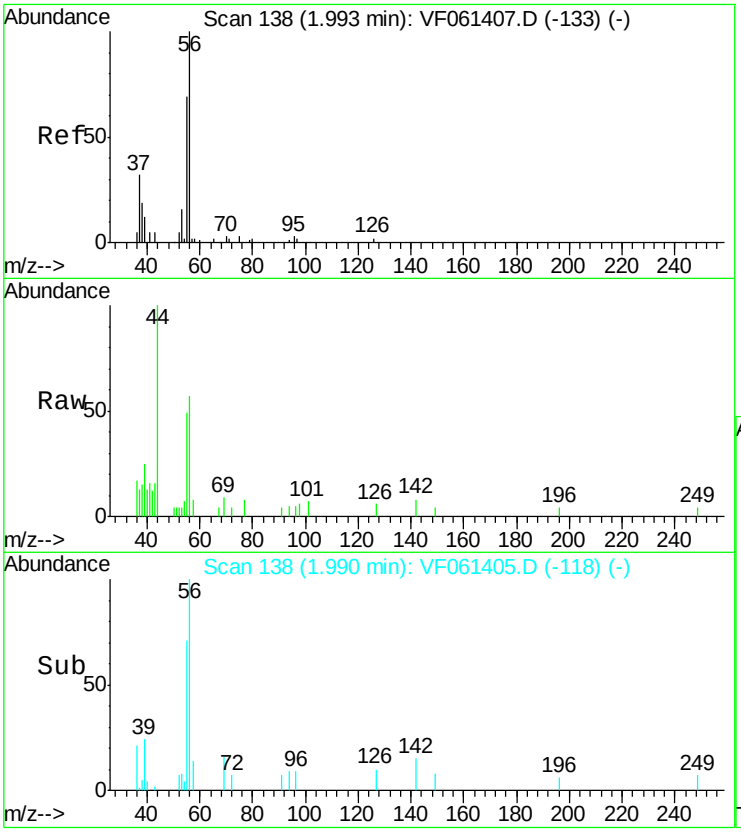


#12
1,1-Dichloroethene
Concen: 11.500 ug/l
RT: 1.75 min Scan# 114
Delta R.T. -0.04 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 96 Resp: 17184

Ion	Ratio	Lower	Upper
96	100		
61	207.9	186.9	280.3
98	69.0	53.0	79.4

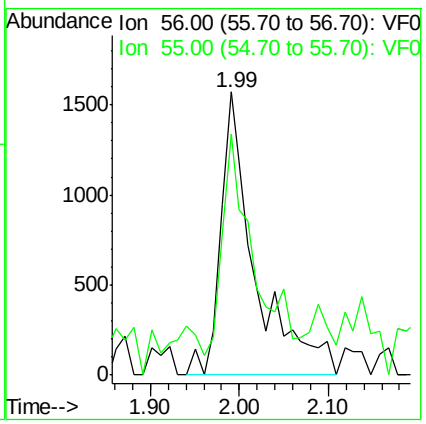




#13
Acrolein
Concen: 52.564 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

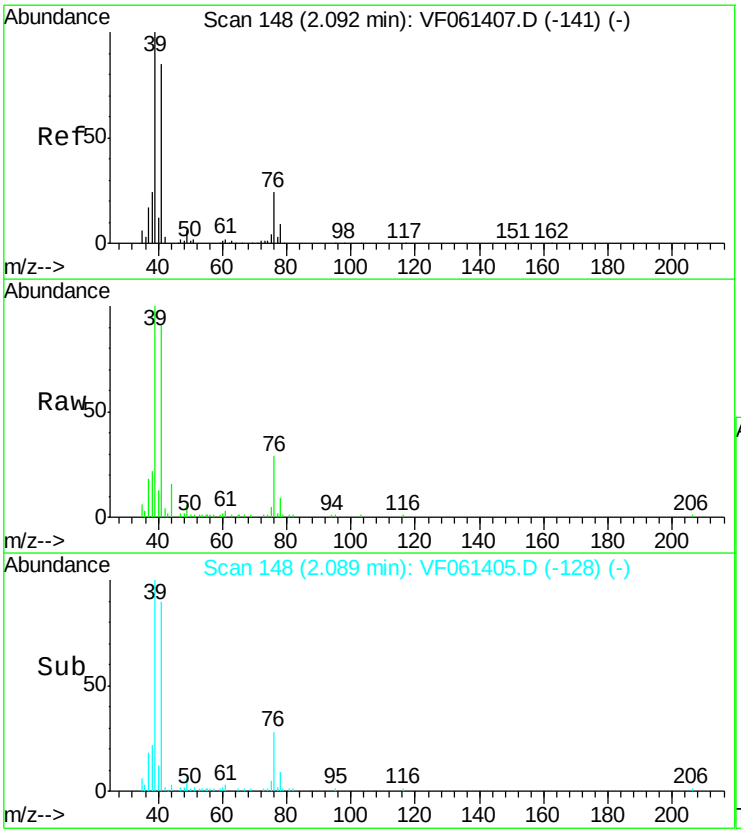
Tgt Ion: 56 Resp: 4238

Ion	Ratio	Lower	Upper
56	100		
55	85.0	57.5	86.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

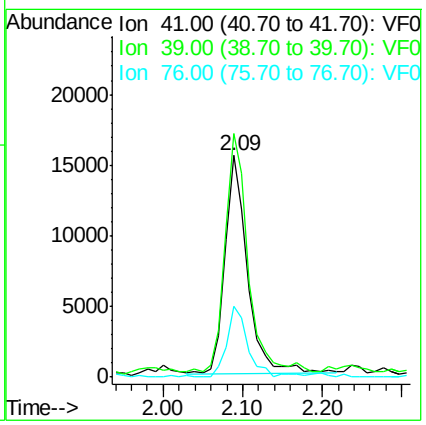
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

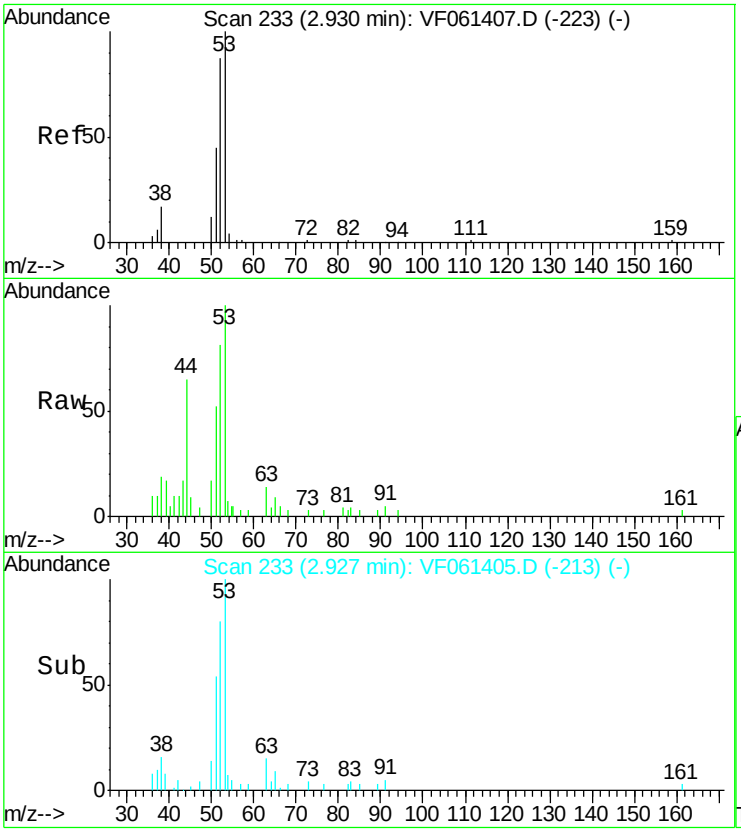


#14
Allyl chloride
Concen: 11.321 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 41 Resp: 30430

Ion	Ratio	Lower	Upper
41	100		
39	110.0	94.6	141.8
76	31.9	25.9	38.9

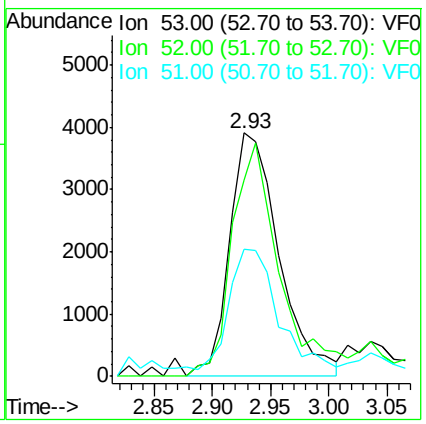




#15
Acrylonitrile
Concen: 50.923 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

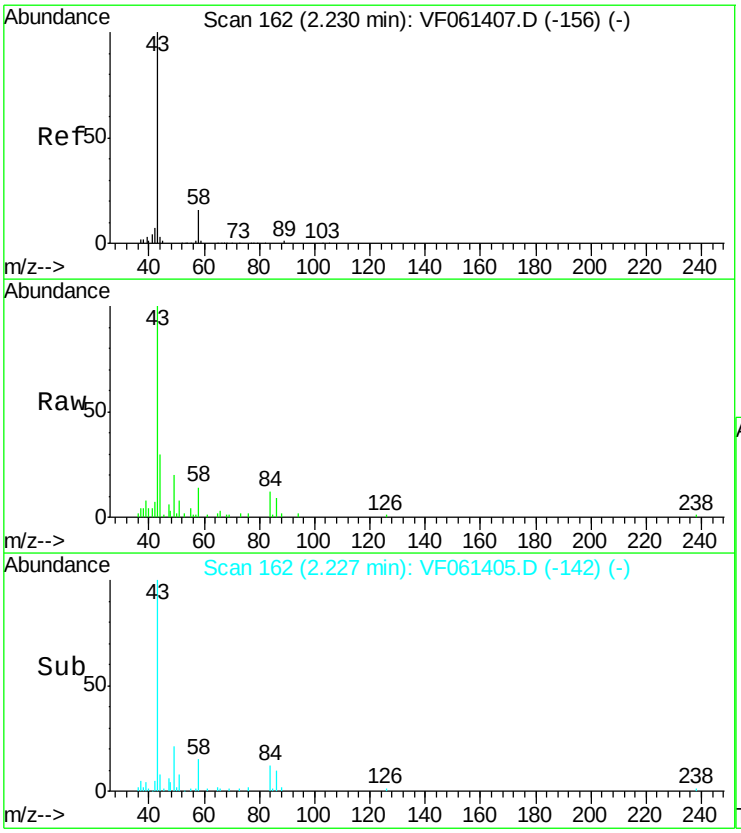
Tgt Ion: 53 Resp: 11506

Ion	Ratio	Lower	Upper
53	100		
52	80.6	69.6	104.4
51	52.4	36.8	55.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

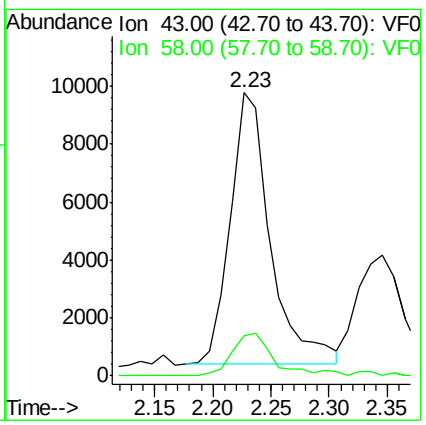
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

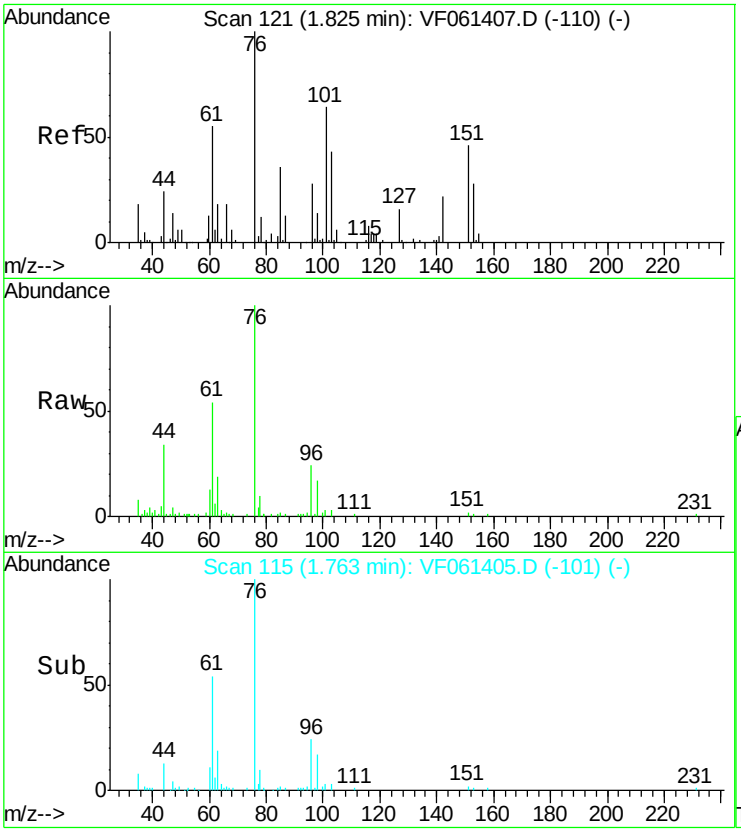


#16
Acetone
Concen: 51.853 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 43 Resp: 22314

Ion	Ratio	Lower	Upper
43	100		
58	14.4	13.3	19.9

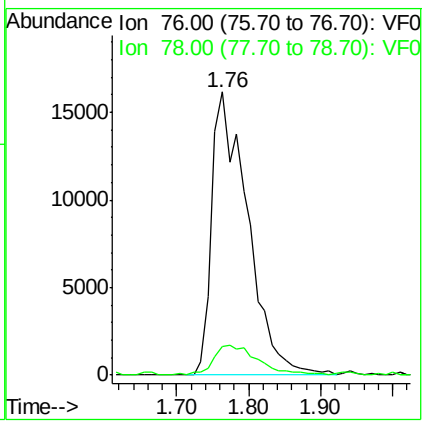




#17
Carbon Disulfide
Concen: 11.935 ug/l
RT: 1.76 min Scan# 115
Delta R.T. -0.06 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

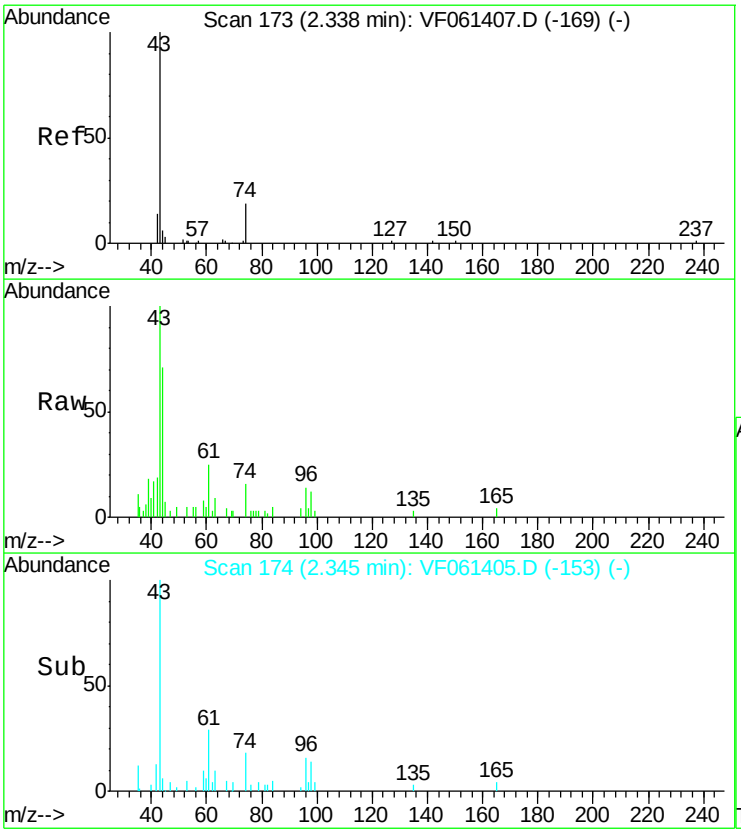
Tgt Ion: 76 Resp: 55630

Ion	Ratio	Lower	Upper
76	100		
78	10.1	9.6	14.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

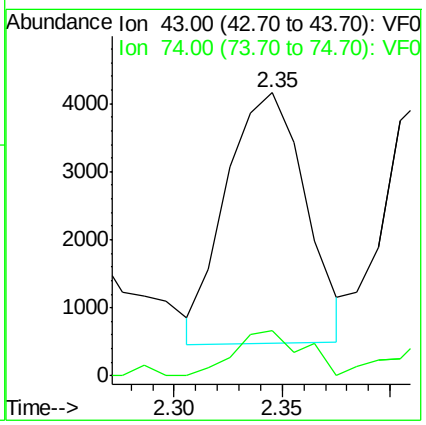
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

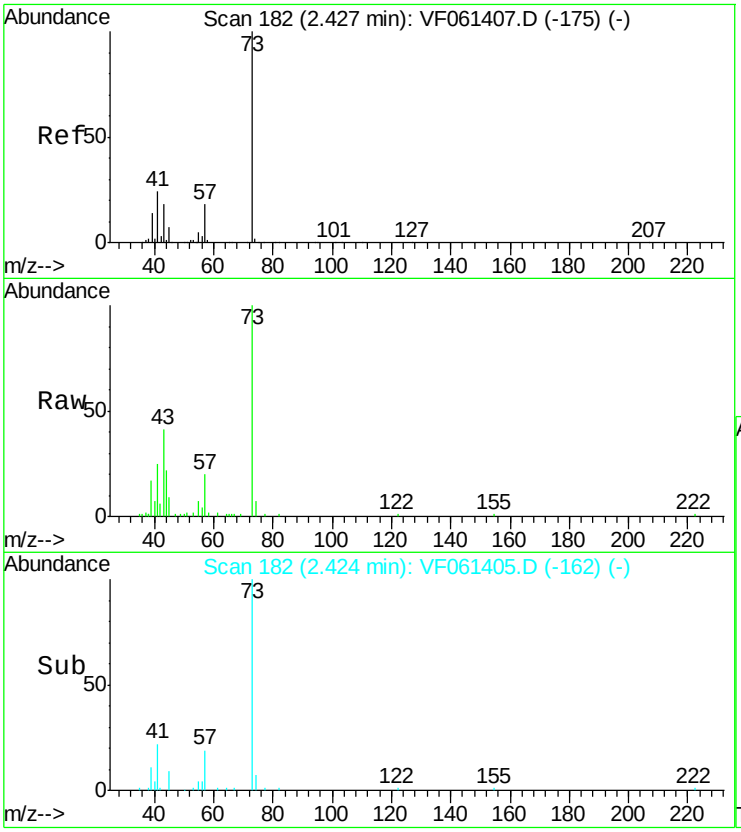


#18
Methyl Acetate
Concen: 9.275 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 43 Resp: 9417

Ion	Ratio	Lower	Upper
43	100		
74	15.9	13.4	20.0

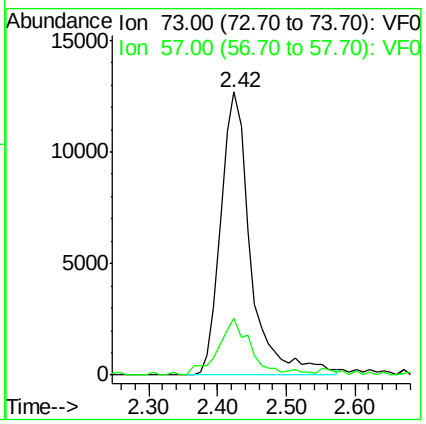




#19
Methyl tert-butyl Ether
Concen: 11.491 ug/l
RT: 2.42 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

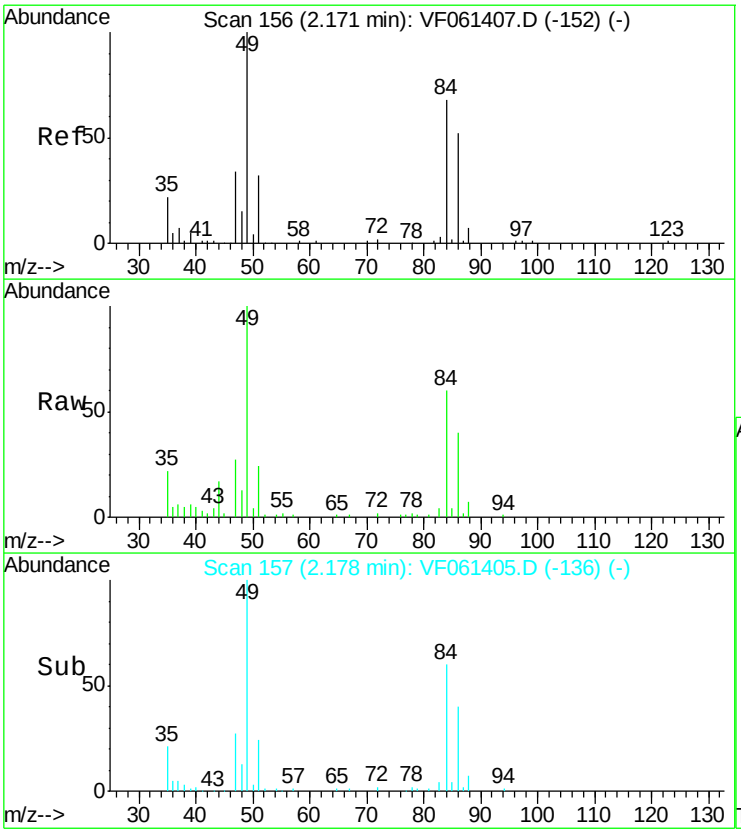
Tgt Ion: 73 Resp: 38269

Ion	Ratio	Lower	Upper
73	100		
57	20.1	14.8	22.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

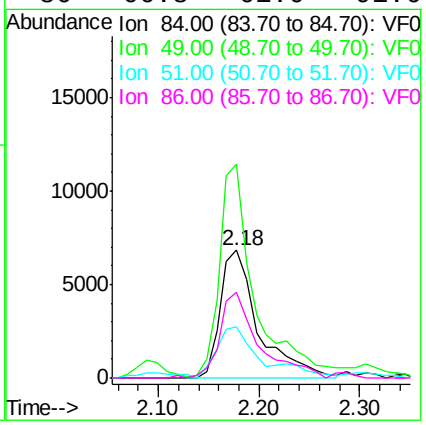
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

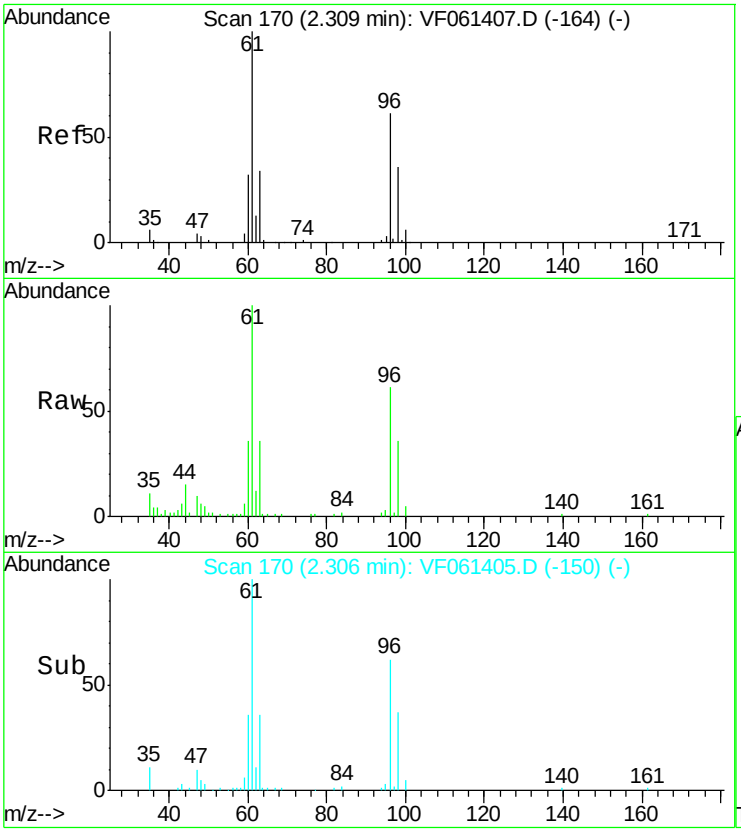


#20
Methylene Chloride
Concen: 10.632 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 84 Resp: 17995

Ion	Ratio	Lower	Upper
84	100		
49	167.6	120.0	180.0
51	40.5	38.6	58.0
86	66.8	61.0	91.6

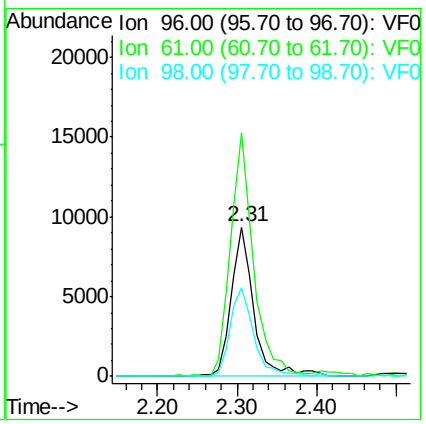




#21
trans-1,2-Dichloroethene
Concen: 11.238 ug/l
RT: 2.31 min Scan# 170
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

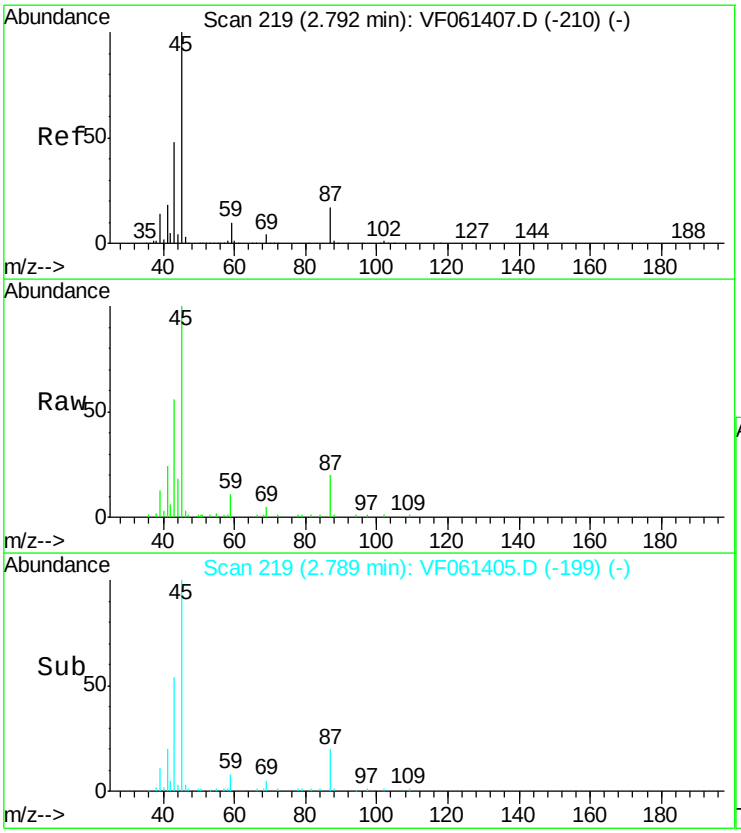
Tgt Ion: 96 Resp: 18656

Ion	Ratio	Lower	Upper
96	100		
61	163.0	131.8	197.8
98	59.4	47.4	71.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

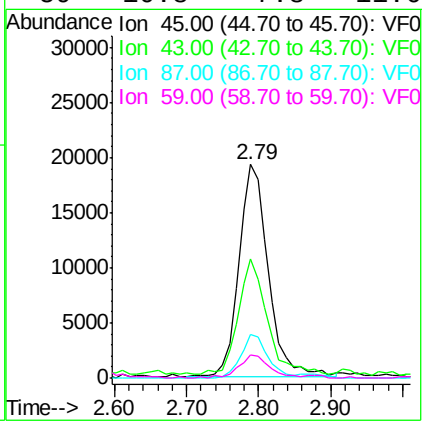
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

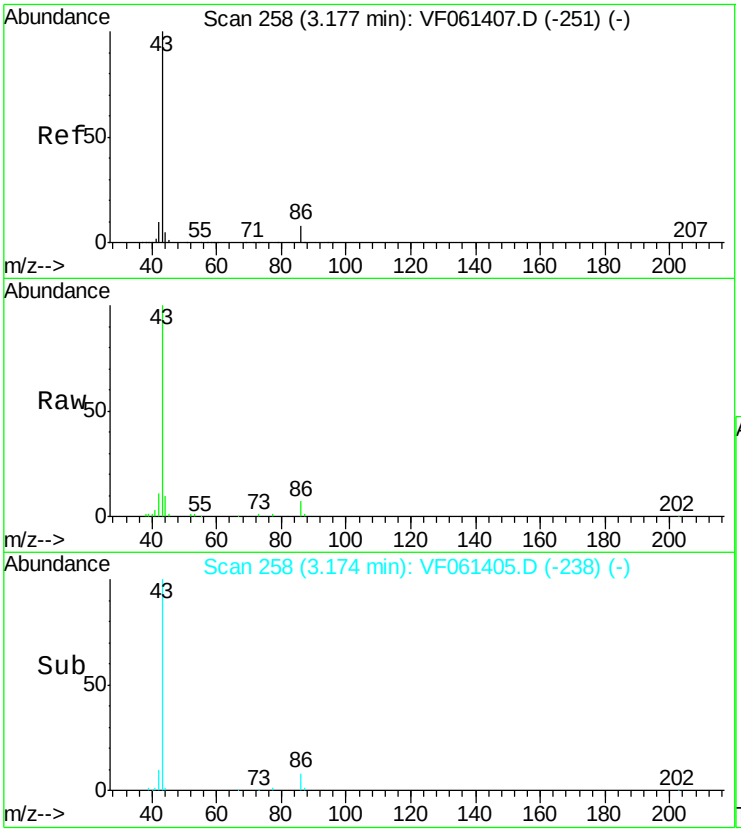


#22
Diisopropyl ether
Concen: 10.509 ug/l
RT: 2.79 min Scan# 219
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 45 Resp: 54939

Ion	Ratio	Lower	Upper
45	100		
43	56.0	39.0	58.6
87	20.3	13.9	20.9
59	10.8	7.8	11.6





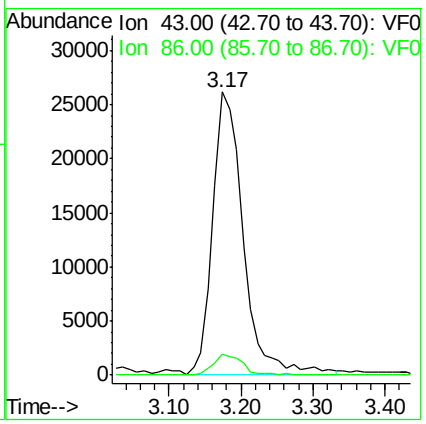
#23
Vinyl Acetate
Concen: 38.825 ug/l
RT: 3.17 min Scan# 258
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

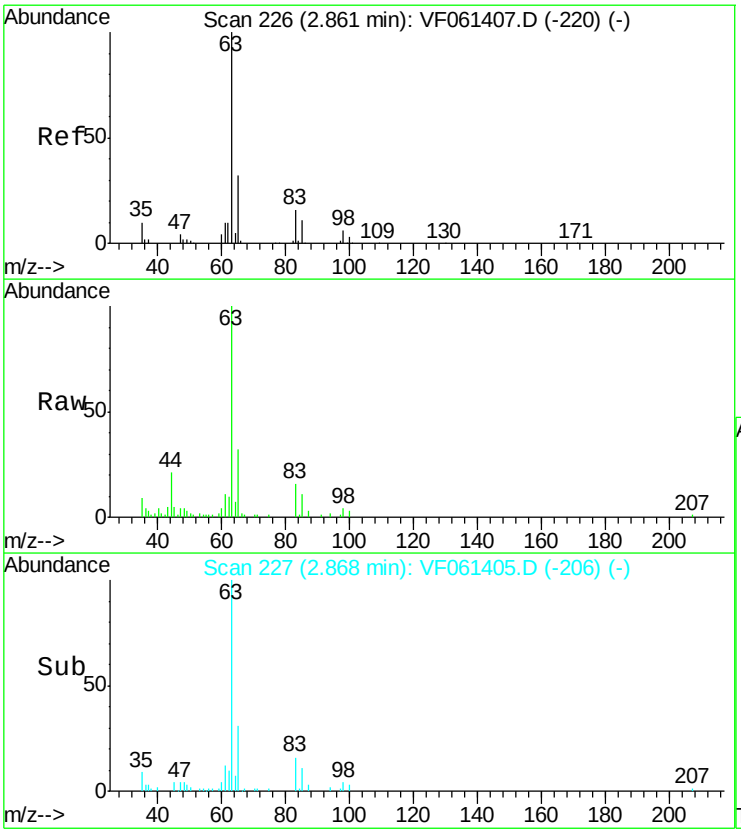
Tgt Ion: 43 Resp: 77223

Ion	Ratio	Lower	Upper
43	100		
86	7.4	6.2	9.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

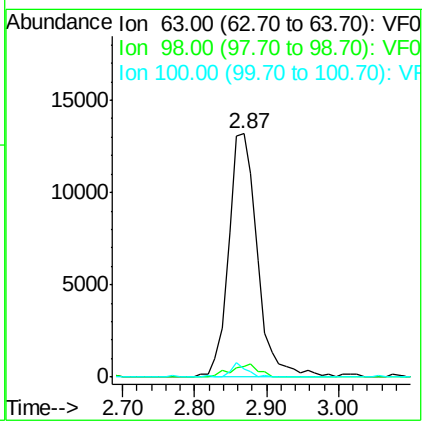


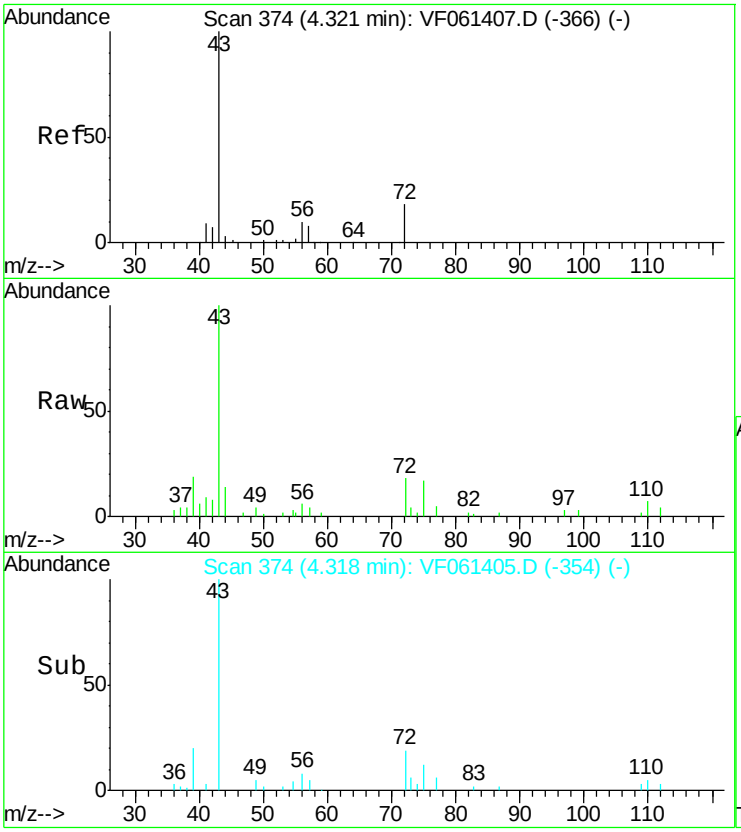


#24
1,1-Dichloroethane
Concen: 11.040 ug/l
RT: 2.87 min Scan# 227
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 63 Resp: 36753

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.9	8.8
100	3.4	1.6	4.8

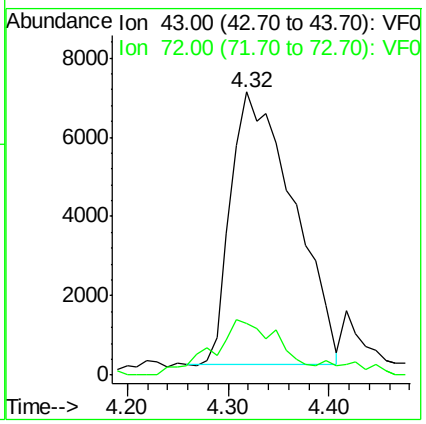




#25
2-Butanone
Concen: 43.458 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

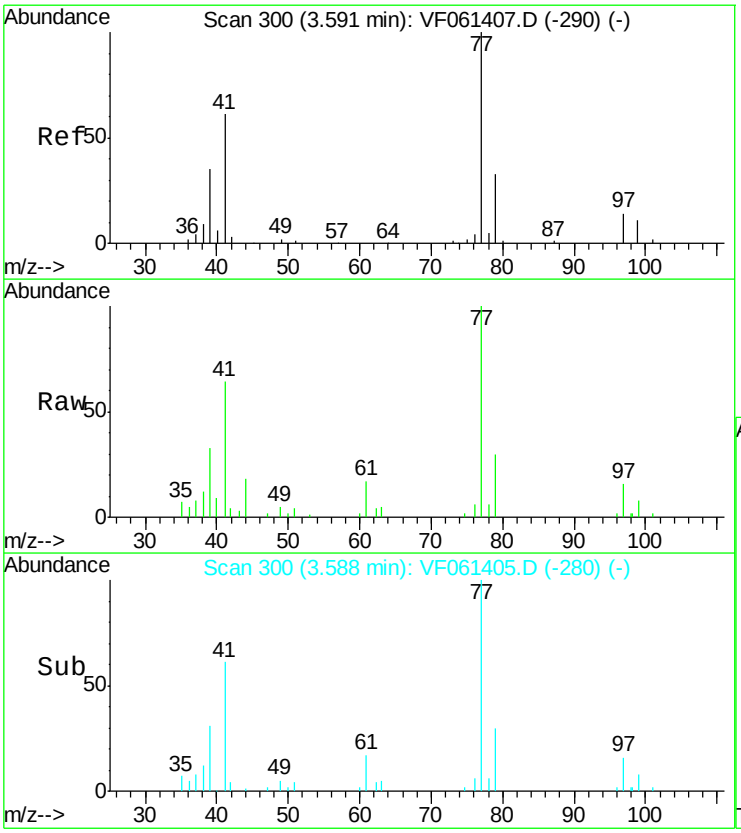
Tgt Ion: 43 Resp: 29787

Ion	Ratio	Lower	Upper
43	100		
72	18.5	15.8	23.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

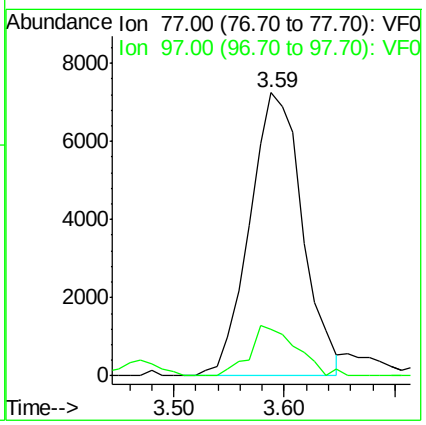
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

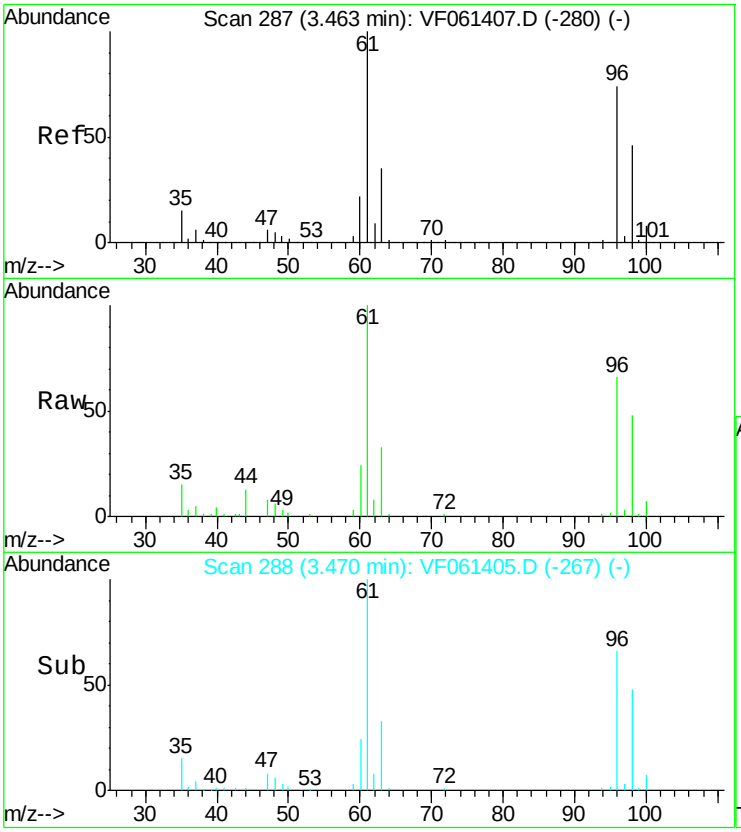


#26
2,2-Dichloropropane
Concen: 11.205 ug/l m
RT: 3.59 min Scan# 300
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 77 Resp: 24030

Ion	Ratio	Lower	Upper
77	100		
97	16.4	8.5	25.5

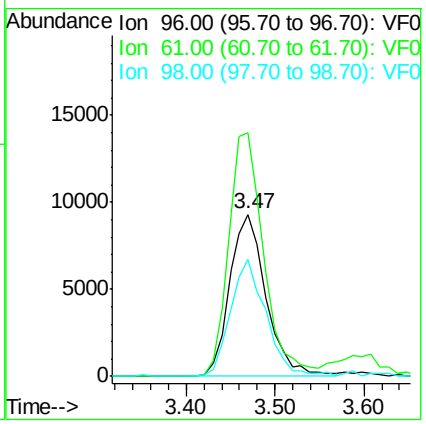




#27
cis-1,2-Dichloroethene
Concen: 11.055 ug/l
RT: 3.47 min Scan# 288
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

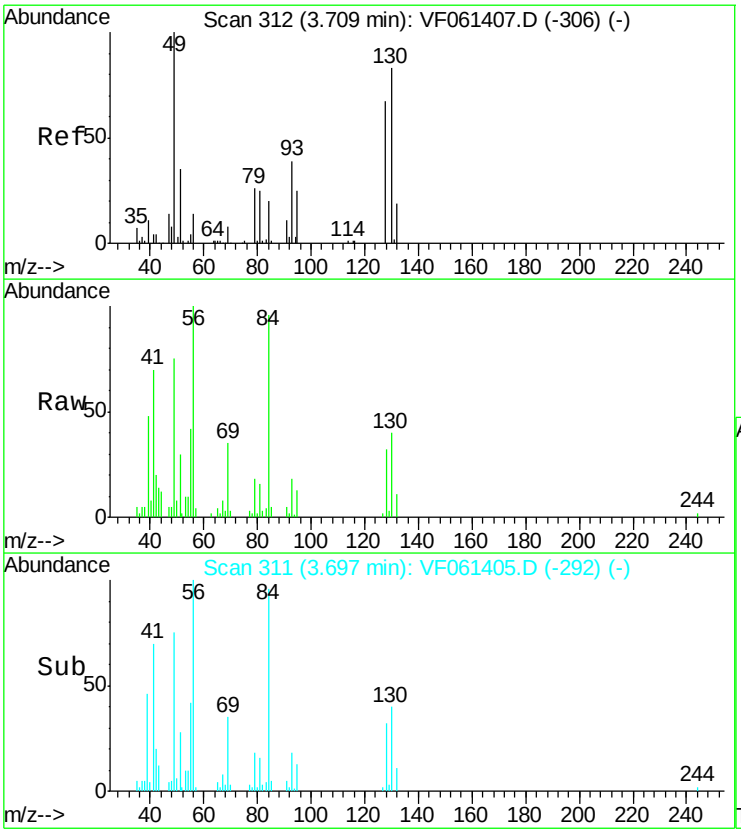
Tgt Ion: 96 Resp: 26512

Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	270.2
98	71.9	0.0	124.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

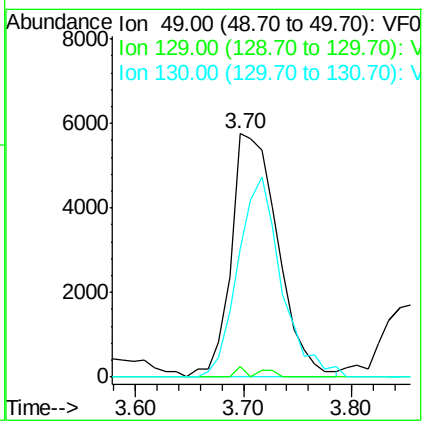
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

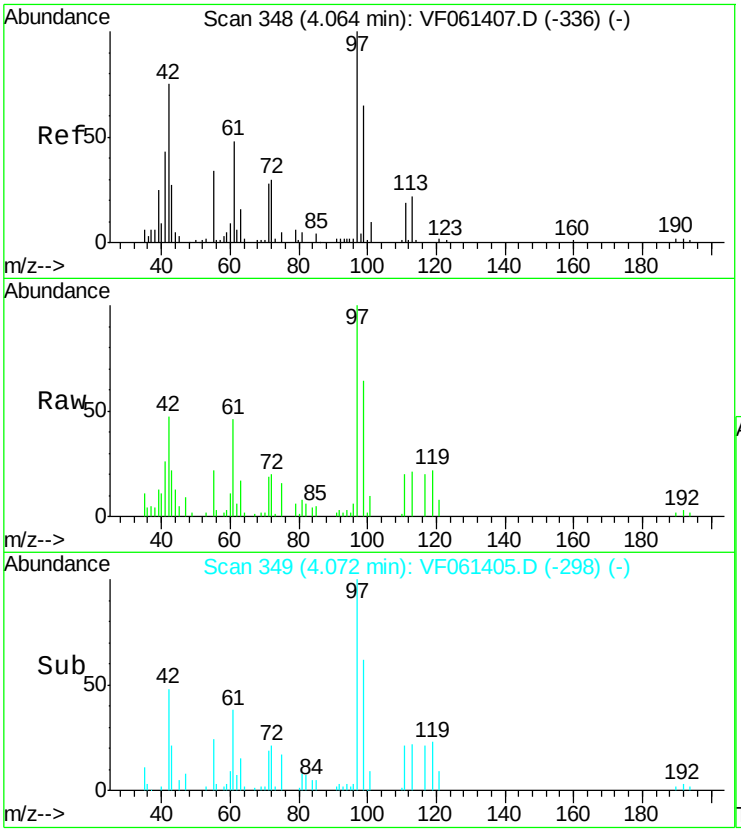


#28
Bromochloromethane
Concen: 11.186 ug/l
RT: 3.70 min Scan# 311
Delta R.T. -0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 49 Resp: 17335

Ion	Ratio	Lower	Upper
49	100		
129	4.4	0.0	0.0#
130	52.7	65.4	98.2#

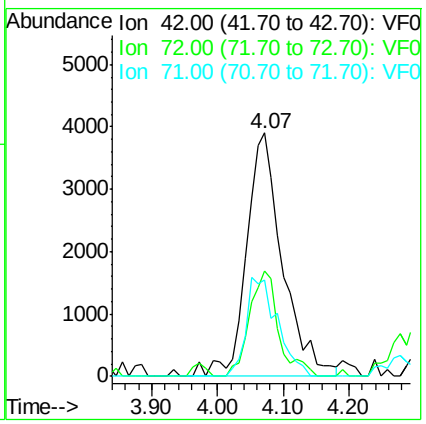




#29
Tetrahydrofuran
Concen: 49.612 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

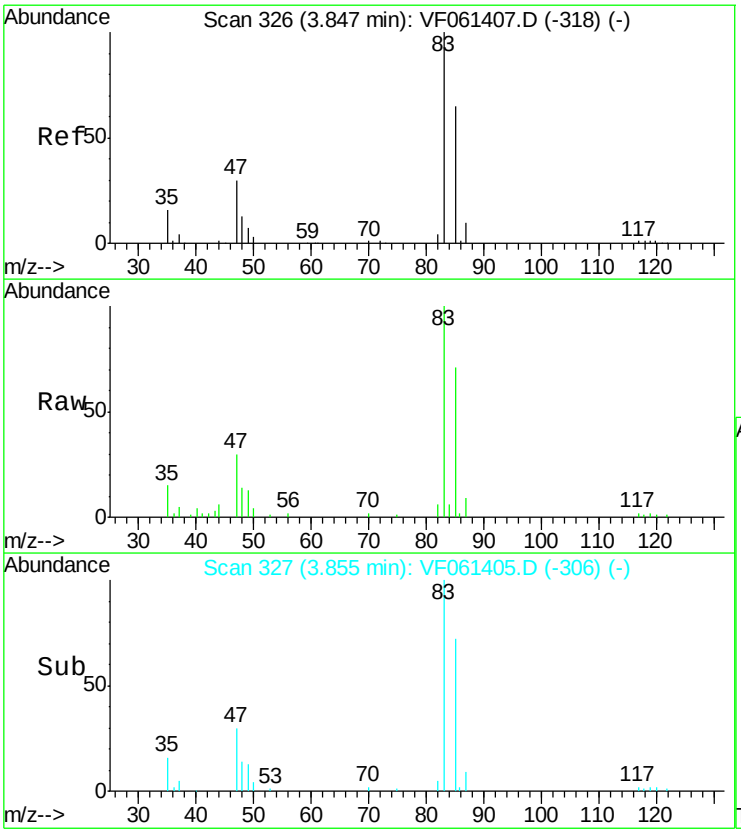
Tgt Ion: 42 Resp: 14961

Ion	Ratio	Lower	Upper
42	100		
72	35.0	28.9	43.3
71	35.2	29.6	44.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

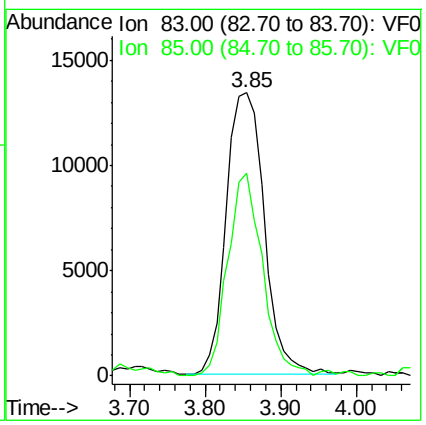
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

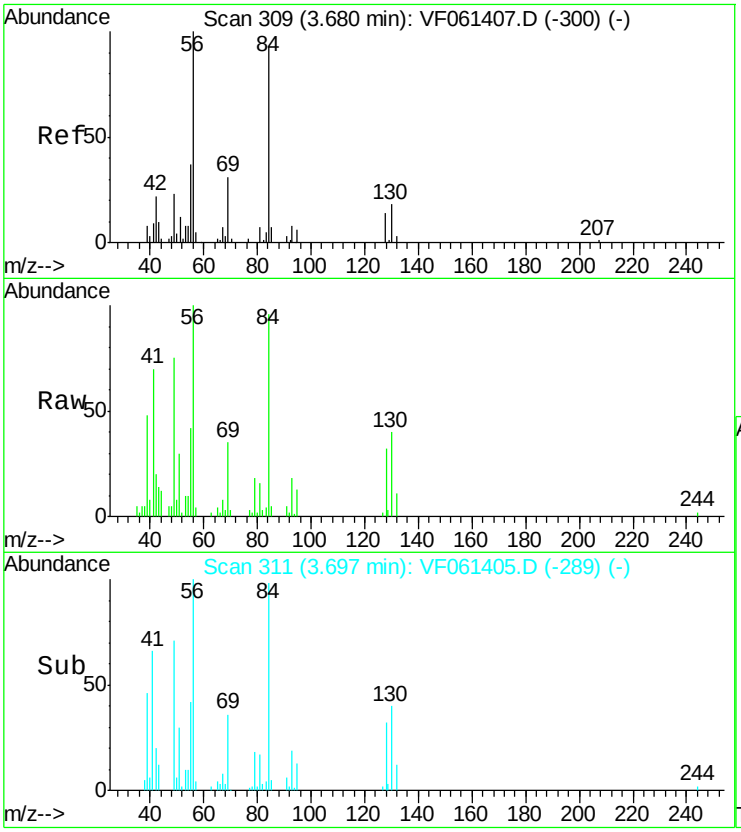


#30
Chloroform
Concen: 10.333 ug/l
RT: 3.85 min Scan# 327
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 83 Resp: 46422

Ion	Ratio	Lower	Upper
83	100		
85	71.5	52.7	79.1

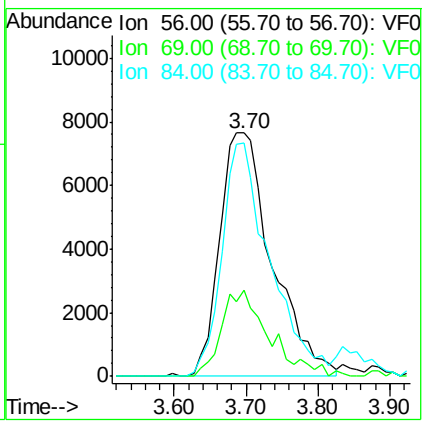




#31
Cyclohexane
Concen: 11.374 ug/l
RT: 3.70 min Scan# 311
Delta R.T. 0.02 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

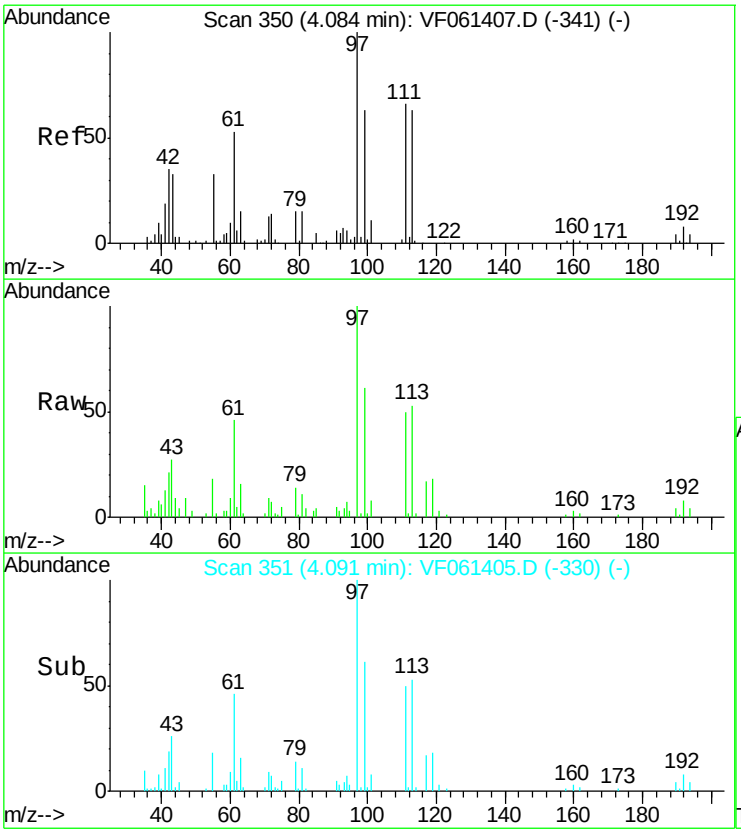
Tgt Ion: 56 Resp: 38640

Ion	Ratio	Lower	Upper
56	100		
69	35.3	24.6	36.8
84	95.9	74.2	111.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

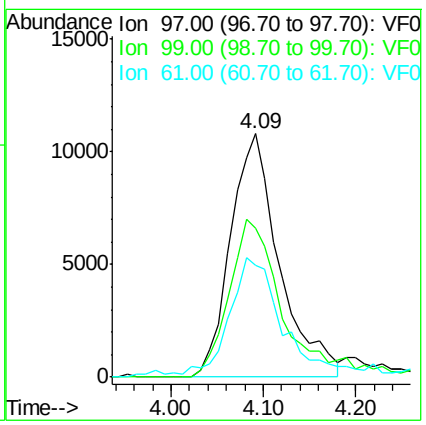
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

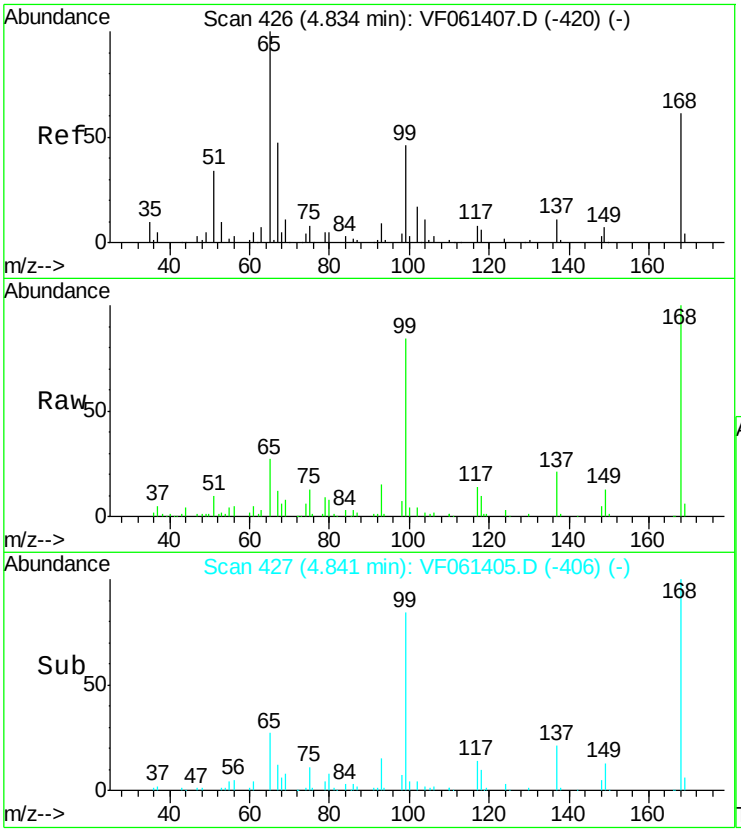


#32
1,1,1-Trichloroethane
Concen: 11.623 ug/l m
RT: 4.09 min Scan# 351
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 97 Resp: 39708

Ion	Ratio	Lower	Upper
97	100		
99	61.4	50.1	75.1
61	46.2	43.1	64.7





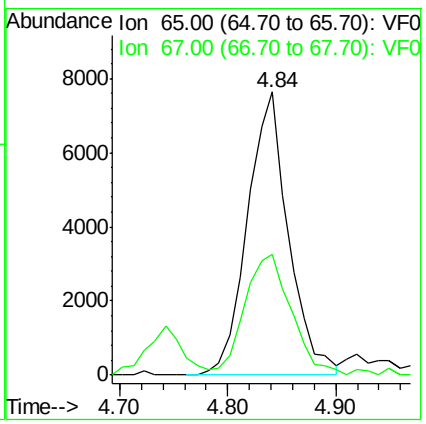
#33
1,2-Dichloroethane-d4
Concen: 10.104 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

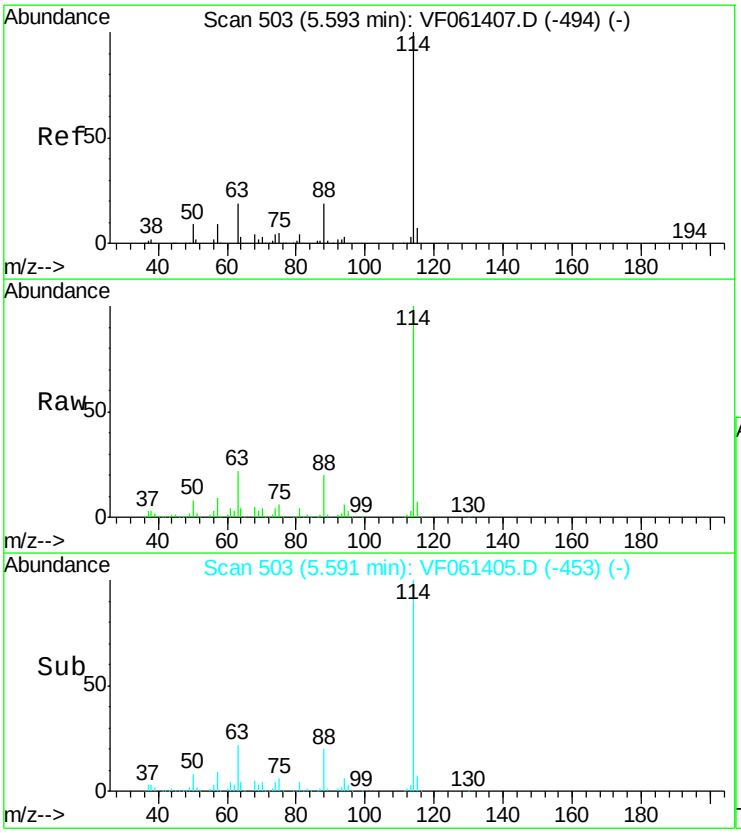
Tgt Ion: 65 Resp: 20136

Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	99.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

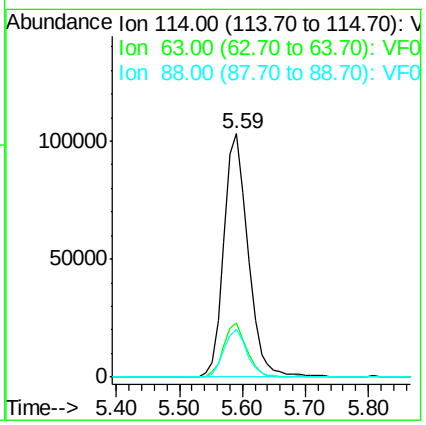


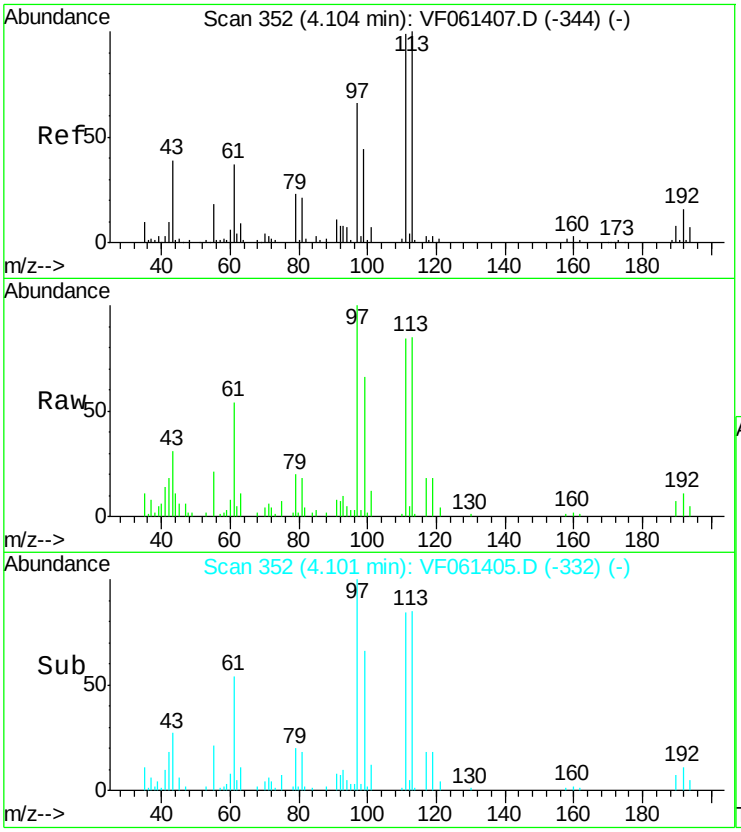


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:114 Resp: 275380

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	39.0
88	19.8	0.0	37.4

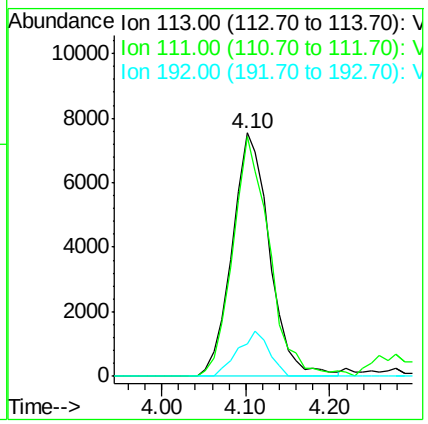




#35
Dibromofluoromethane
Concen: 10.515 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

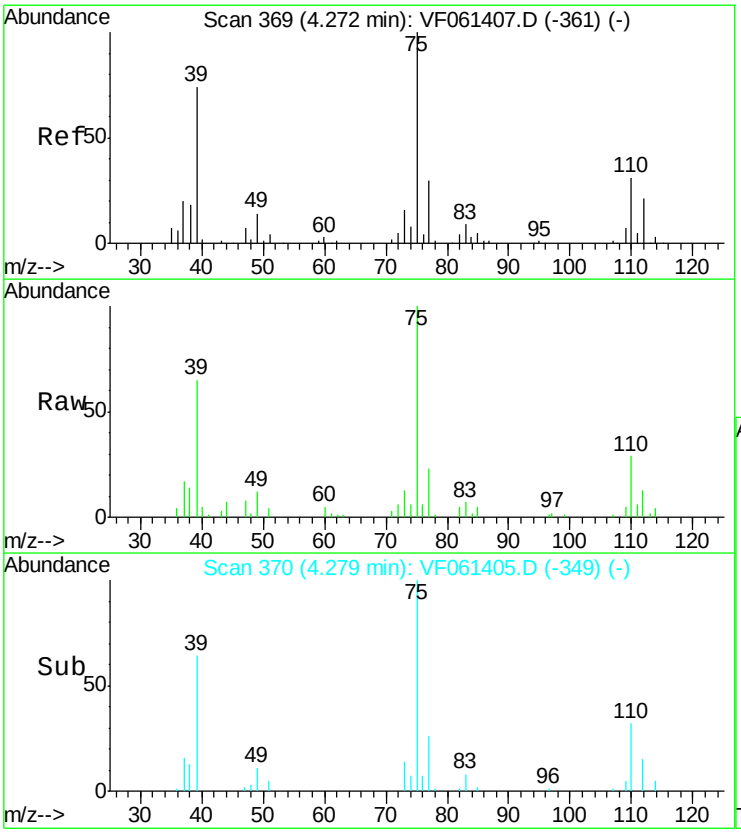
Tgt Ion:113 Resp: 23408

Ion	Ratio	Lower	Upper
113	100		
111	98.6	79.4	119.0
192	13.1	12.4	18.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

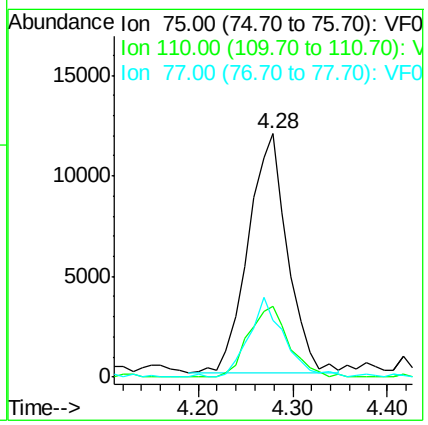
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

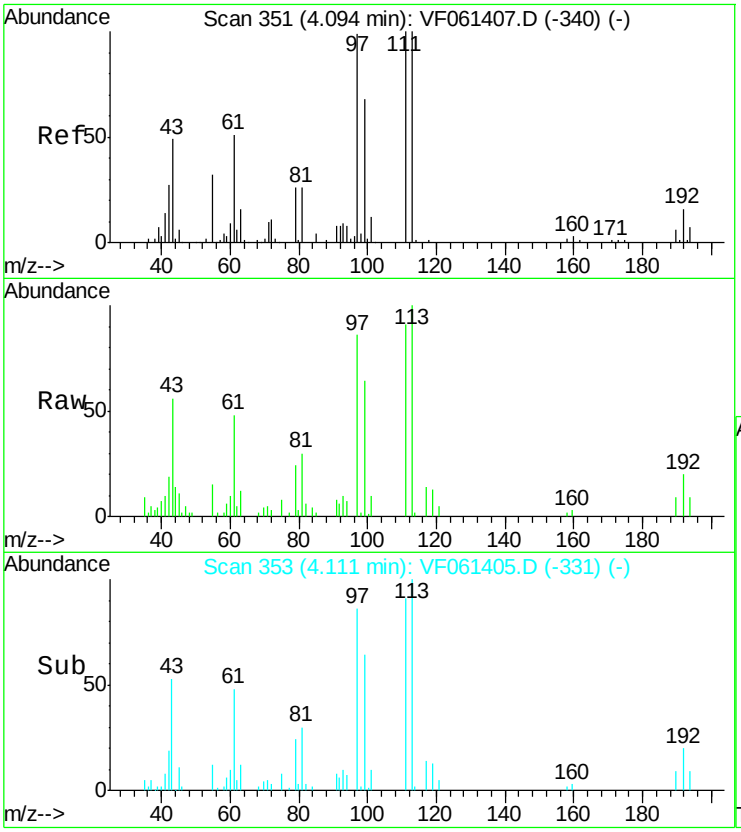


#36
1,1-Dichloropropene
Concen: 10.498 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 75 Resp: 34283

Ion	Ratio	Lower	Upper
75	100		
110	29.0	15.8	47.3
77	23.5	24.0	36.0#

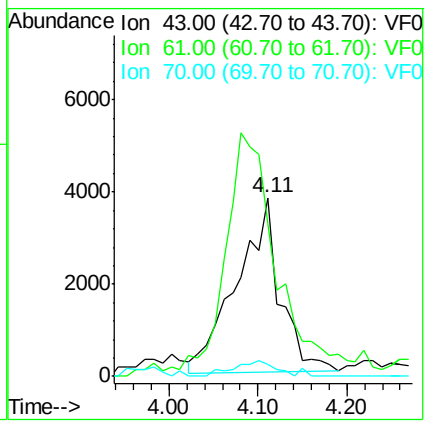




#37
Ethyl Acetate
Concen: 9.603 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.02 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

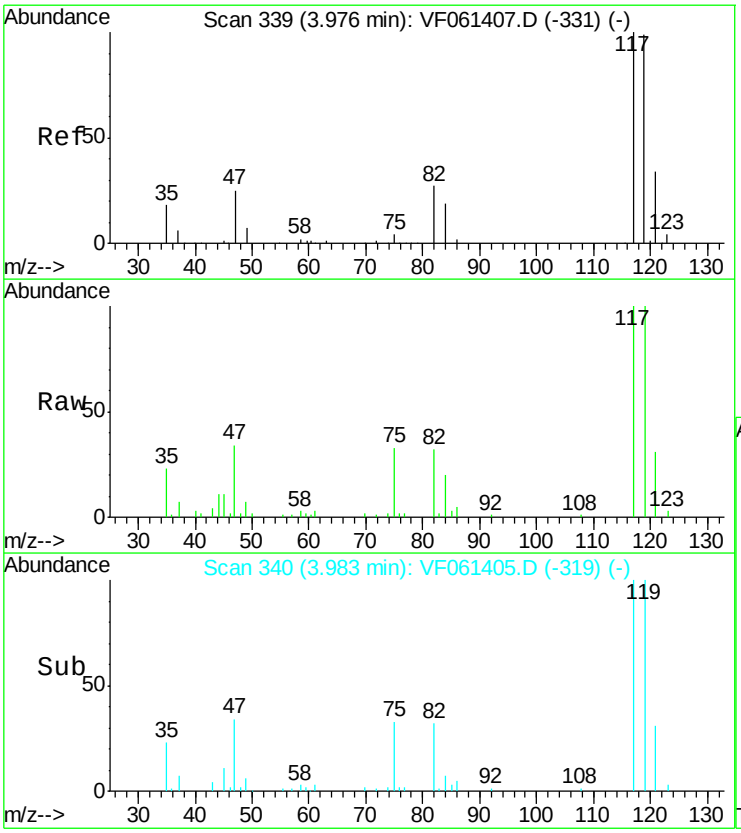
Tgt Ion: 43 Resp: 12733

Ion	Ratio	Lower	Upper
43	100		
61	85.4	81.7	122.5
70	6.9	6.2	9.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

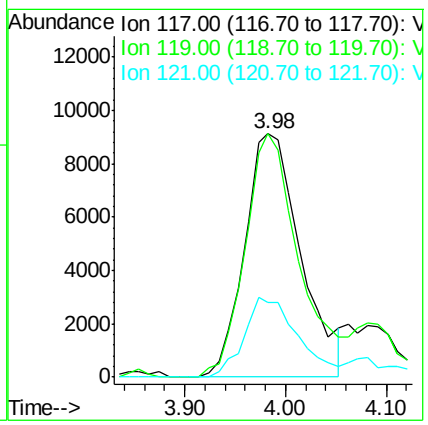
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

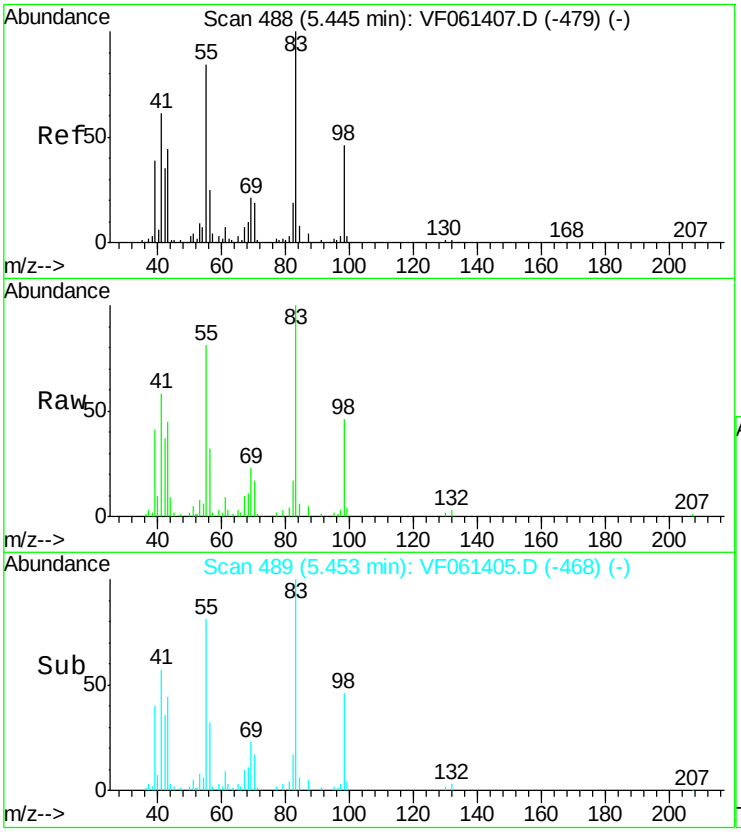


#38
Carbon Tetrachloride
Concen: 9.956 ug/l
RT: 3.98 min Scan# 340
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:117 Resp: 35223

Ion	Ratio	Lower	Upper
117	100		
119	99.9	79.0	118.6
121	30.9	27.0	40.6

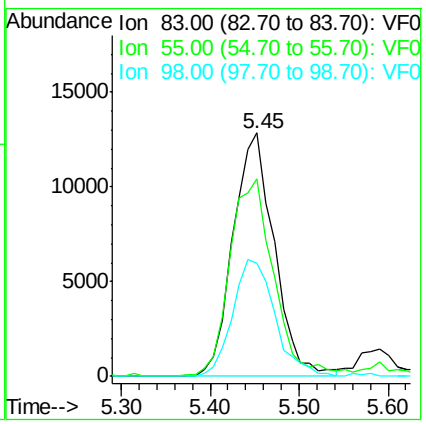




#39
Methylcyclohexane
Concen: 11.446 ug/l
RT: 5.45 min Scan# 489
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

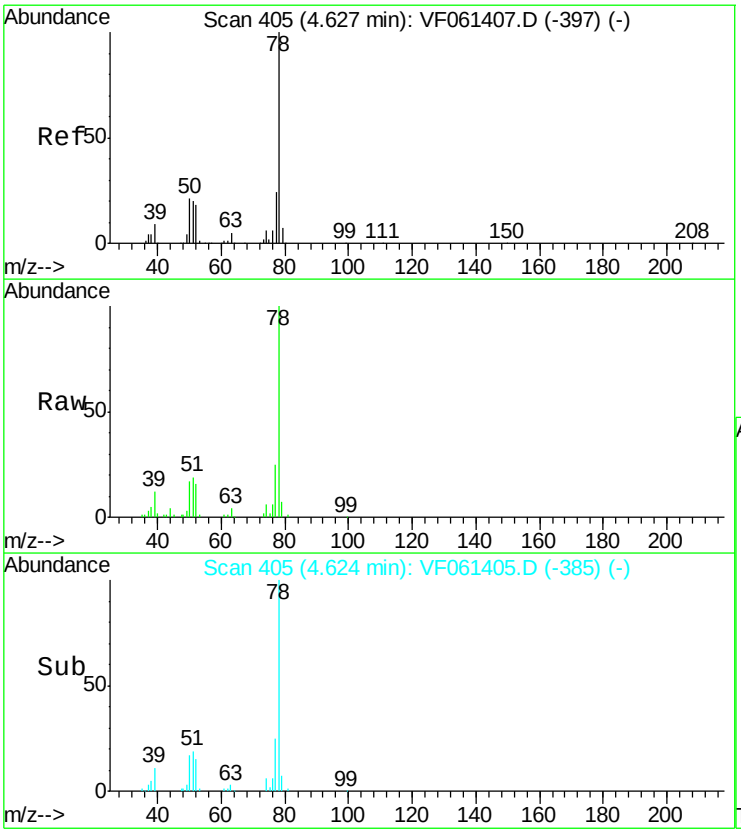
Tgt Ion: 83 Resp: 41267

Ion	Ratio	Lower	Upper
83	100		
55	81.2	67.4	101.2
98	46.4	36.7	55.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

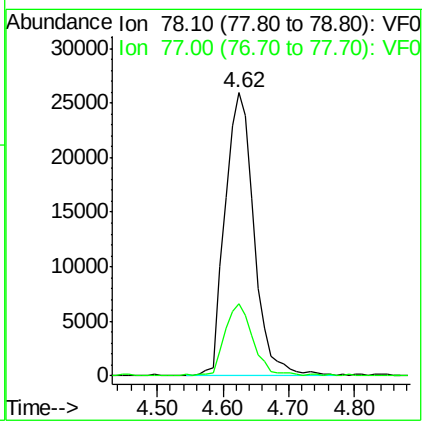
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

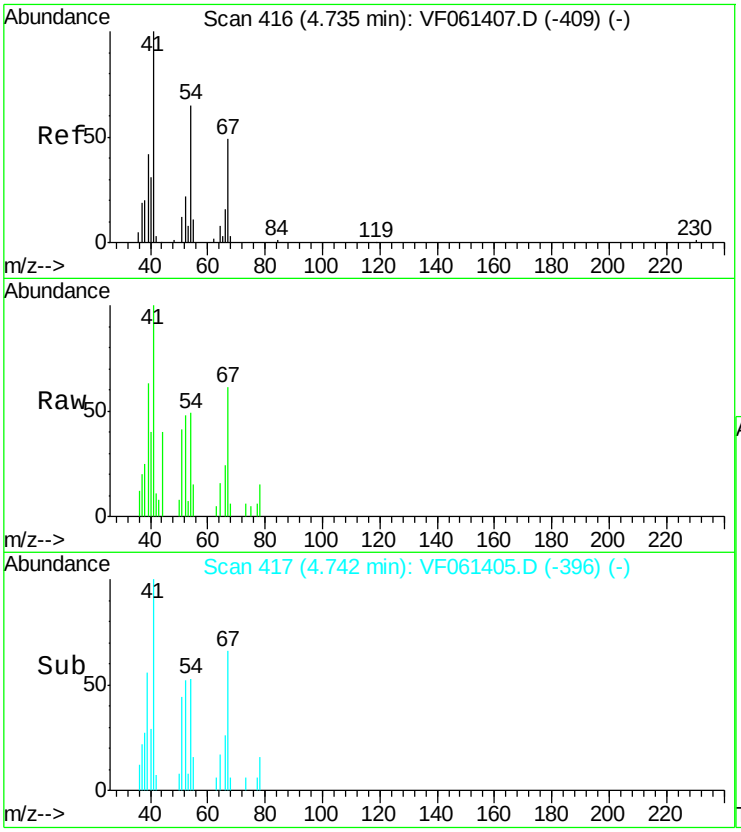


#40
Benzene
Concen: 10.852 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 78 Resp: 80369

Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.0	28.6

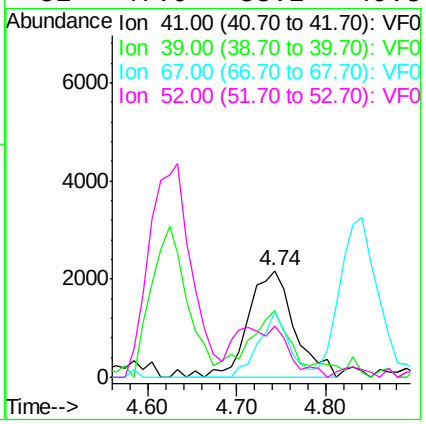




#41
Methacrylonitrile
Concen: 11.032 ug/l
RT: 4.74 min Scan# 417
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

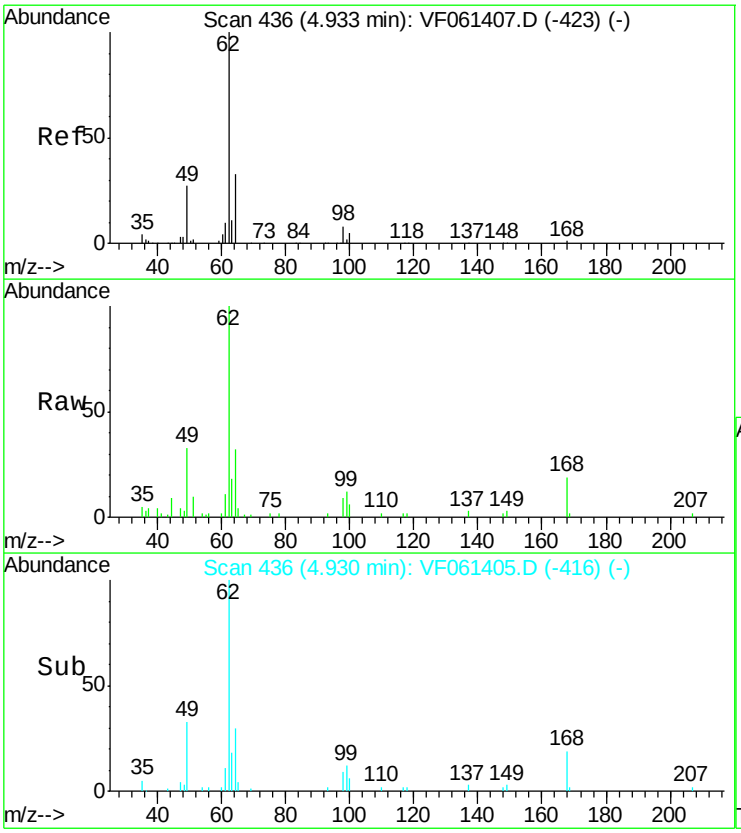
Tgt Ion: 41 Resp: 7705

Ion	Ratio	Lower	Upper
41	100		
39	62.6	43.1	64.7
67	61.2	38.8	58.2#
52	47.9	33.2	49.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

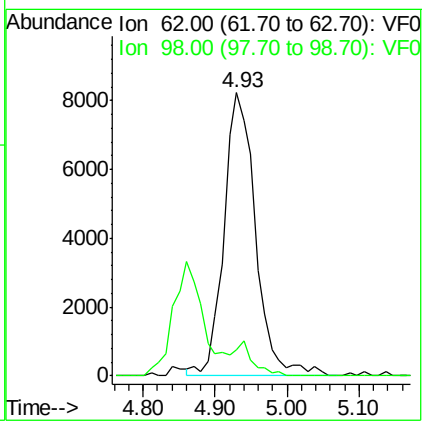
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

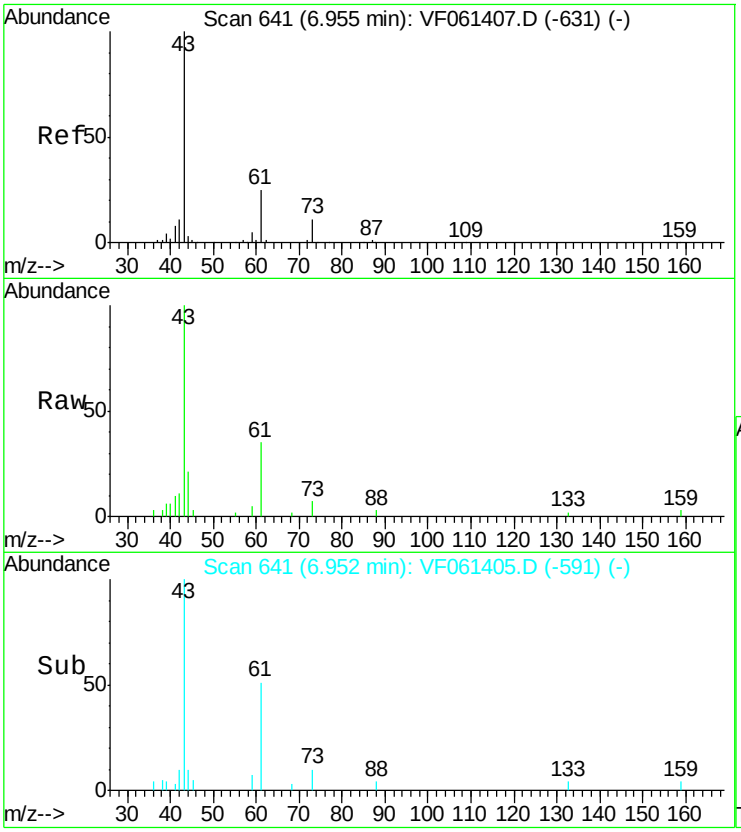


#42
1,2-Dichloroethane
Concen: 9.771 ug/l
RT: 4.93 min Scan# 436
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 62 Resp: 25080

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.0

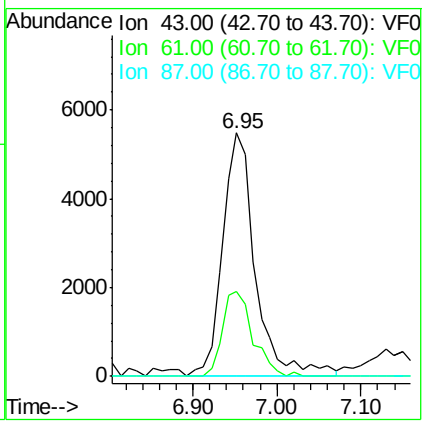




#43
Isopropyl Acetate
Concen: 9.347 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

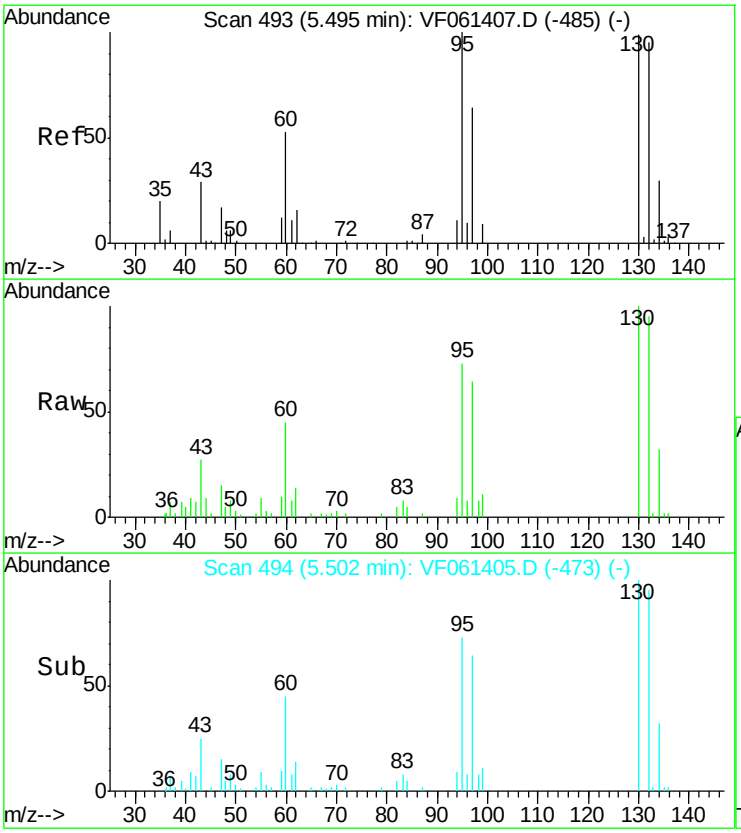
Tgt Ion: 43 Resp: 14819

Ion	Ratio	Lower	Upper
43	100		
61	34.6	20.3	30.5#
87	0.0	0.5	0.7#



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

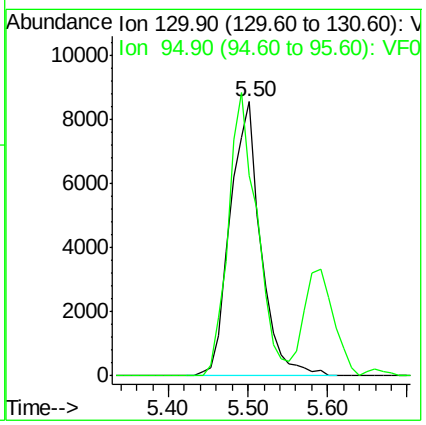
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

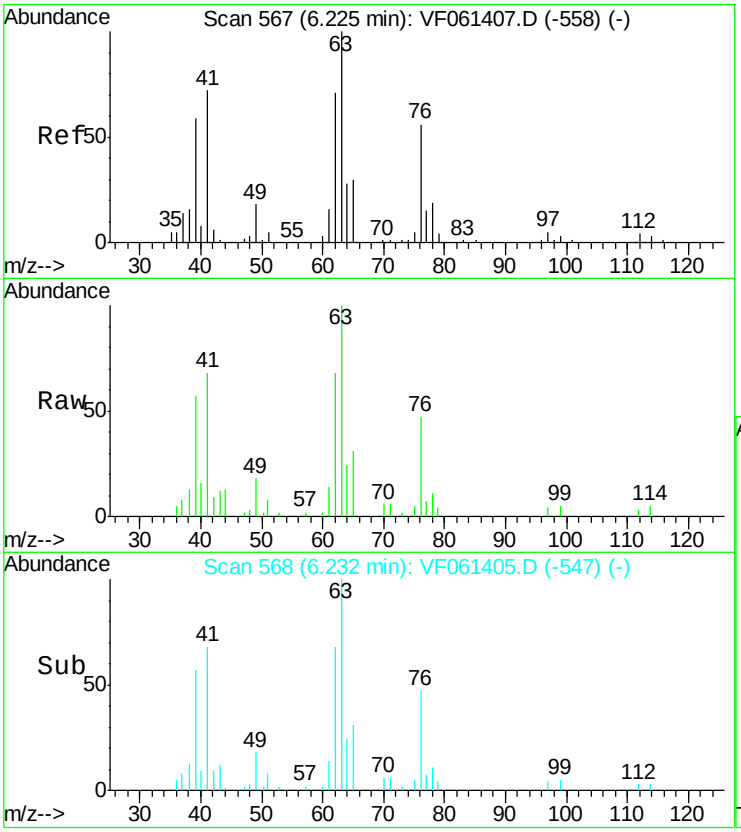


#44
Trichloroethene
Concen: 10.100 ug/l
RT: 5.50 min Scan# 494
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:130 Resp: 22978

Ion	Ratio	Lower	Upper
130	100		
95	73.0	0.0	202.8

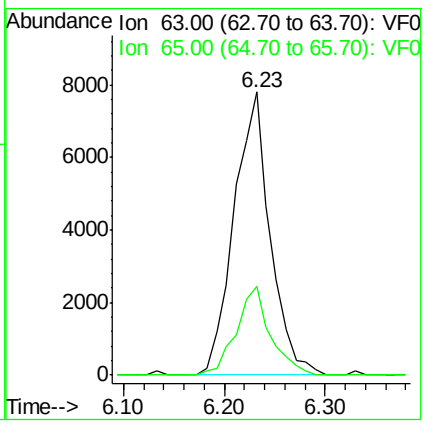




#45
1,2-Dichloropropane
Concen: 10.265 ug/l
RT: 6.23 min Scan# 568
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

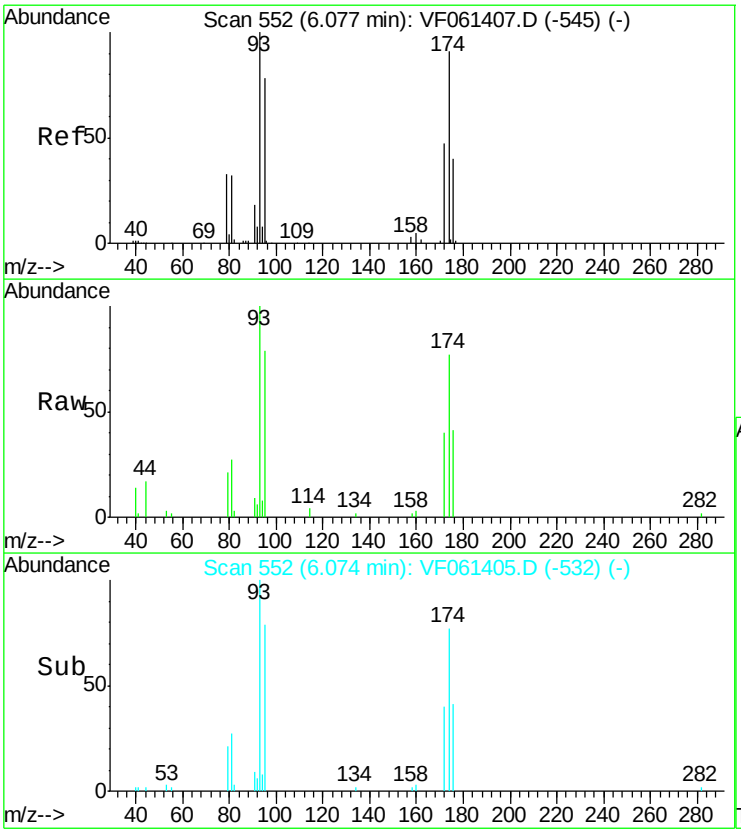
Tgt Ion: 63 Resp: 19487

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.4	36.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

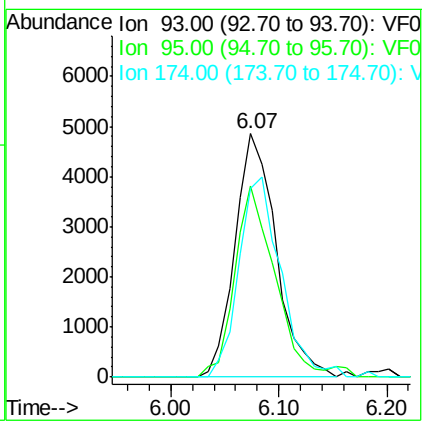
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

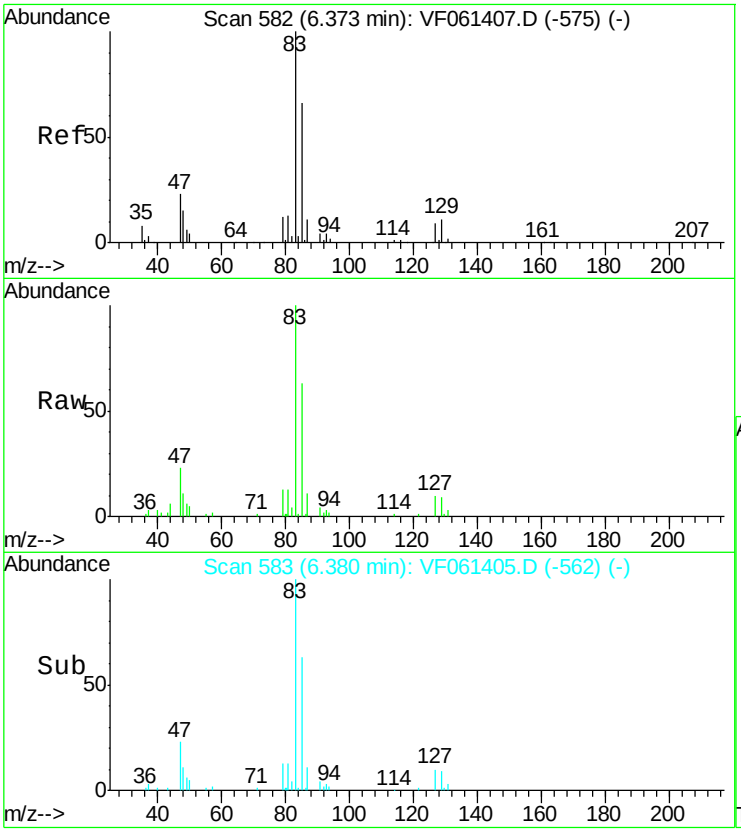


#46
Dibromomethane
Concen: 10.322 ug/l
RT: 6.07 min Scan# 552
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 93 Resp: 12847

Ion	Ratio	Lower	Upper
93	100		
95	78.6	62.1	93.1
174	77.3	74.6	111.8

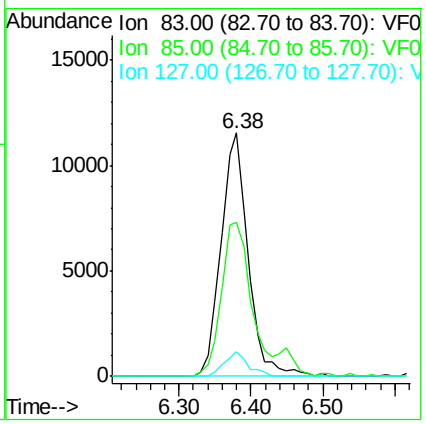




#47
Bromodichloromethane
Concen: 9.837 ug/l
RT: 6.38 min Scan# 583
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

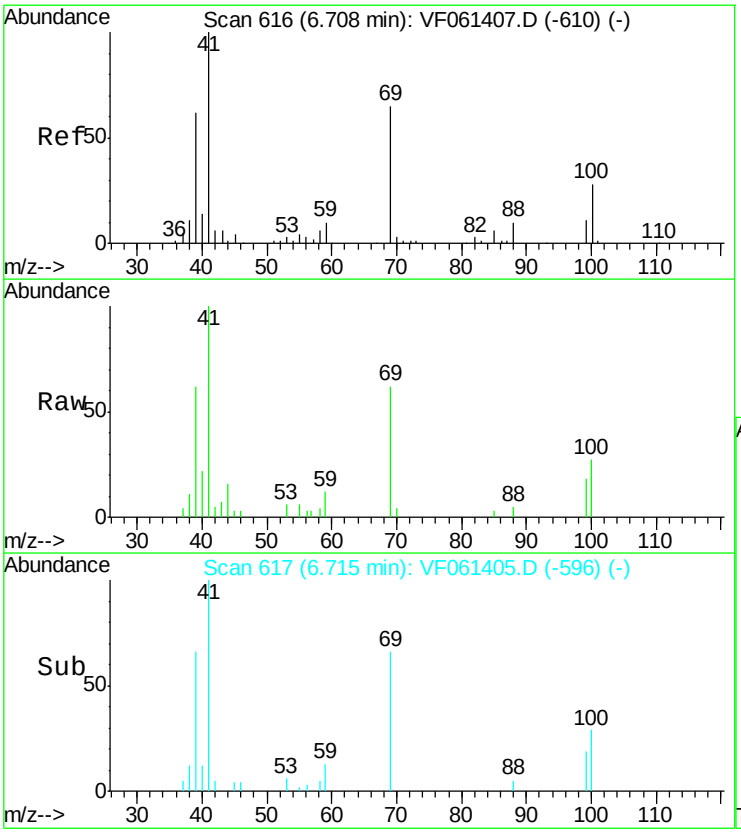
Tgt Ion: 83 Resp: 29957

Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.0	79.4
127	10.4	6.9	10.3#



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

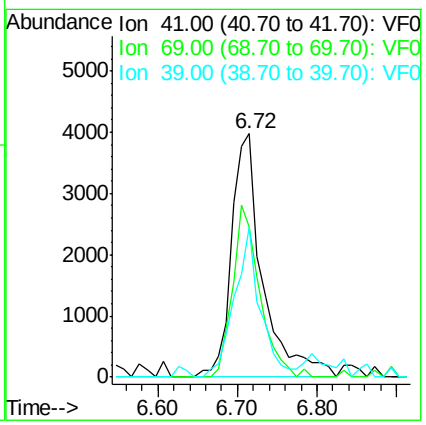
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

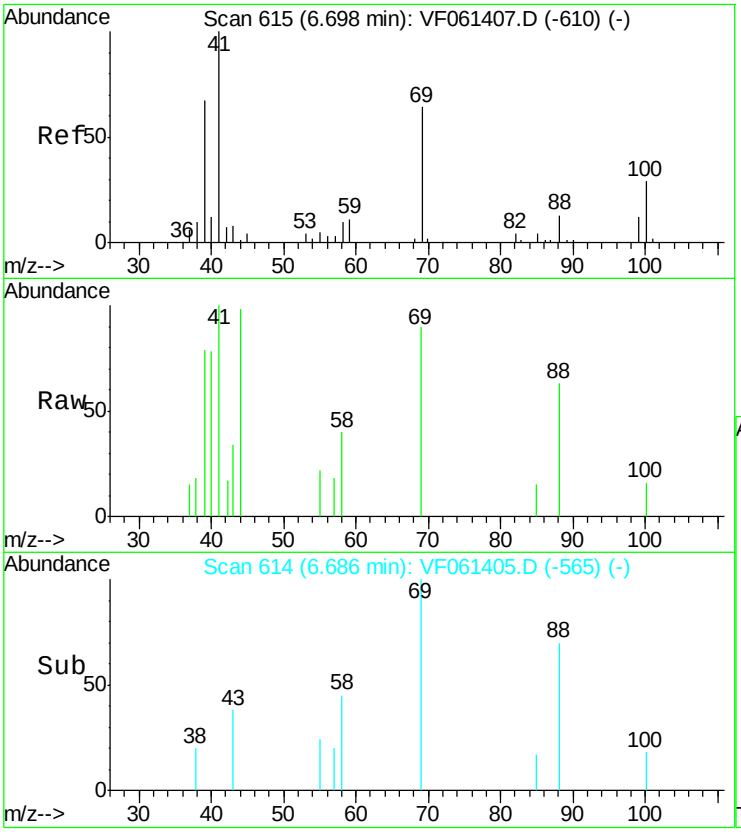


#48
Methyl methacrylate
Concen: 10.123 ug/l
RT: 6.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 41 Resp: 10835

Ion	Ratio	Lower	Upper
41	100		
69	61.6	51.7	77.5
39	61.7	49.2	73.8

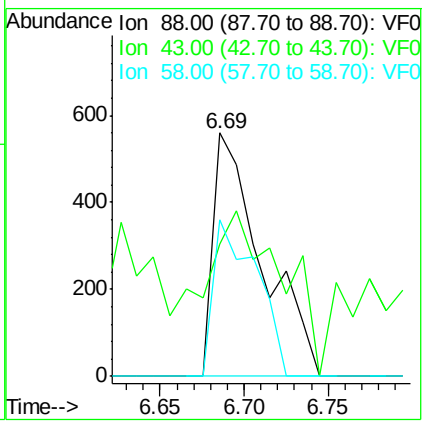




#49
1,4-Dioxane
Concen: 140.340 ug/l
RT: 6.69 min Scan# 614
Delta R.T. -0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

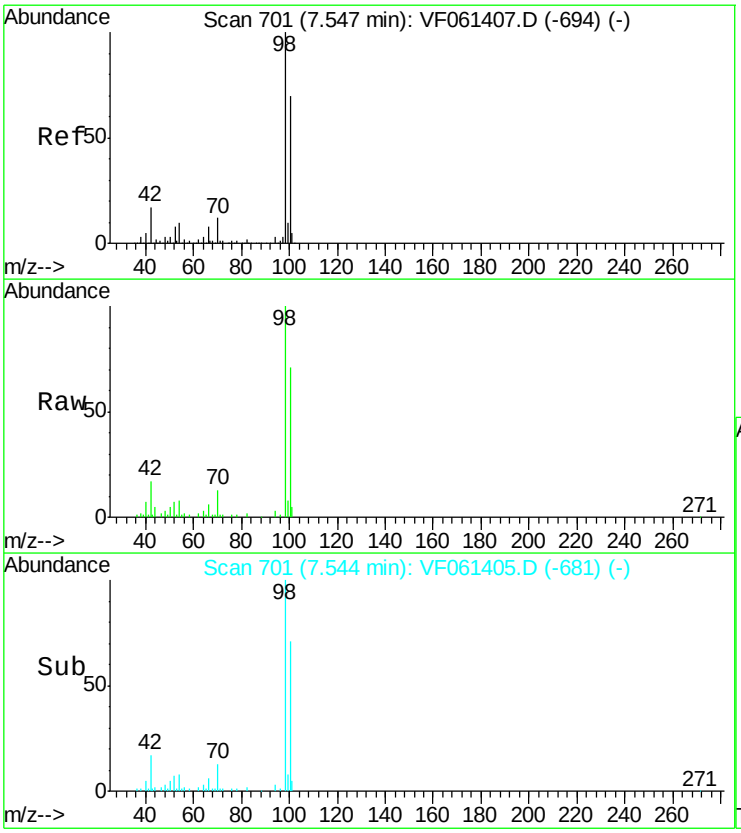
Tgt Ion: 88 Resp: 1122

Ion	Ratio	Lower	Upper
88	100		
43	54.5	55.5	83.3#
58	64.1	59.9	89.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

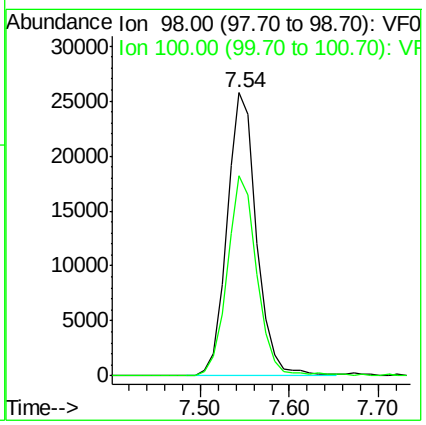
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

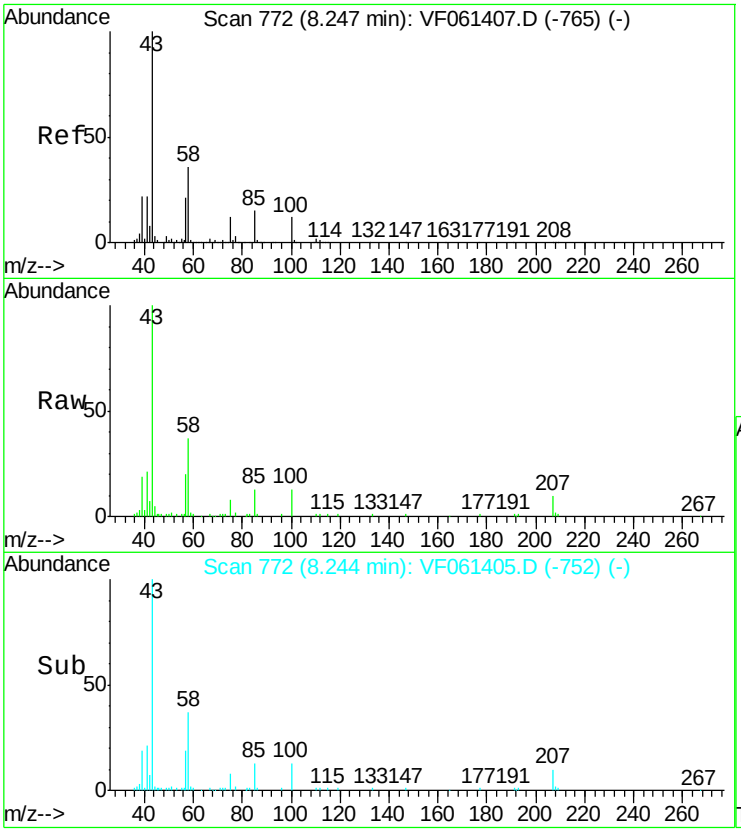


#50
Toluene-d8
Concen: 9.937 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 98 Resp: 59793

Ion	Ratio	Lower	Upper
98	100		
100	70.7	55.6	83.4

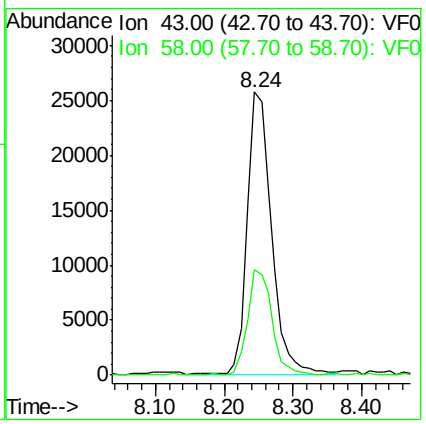




#51
4-Methyl-2-Pentanone
Concen: 51.666 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

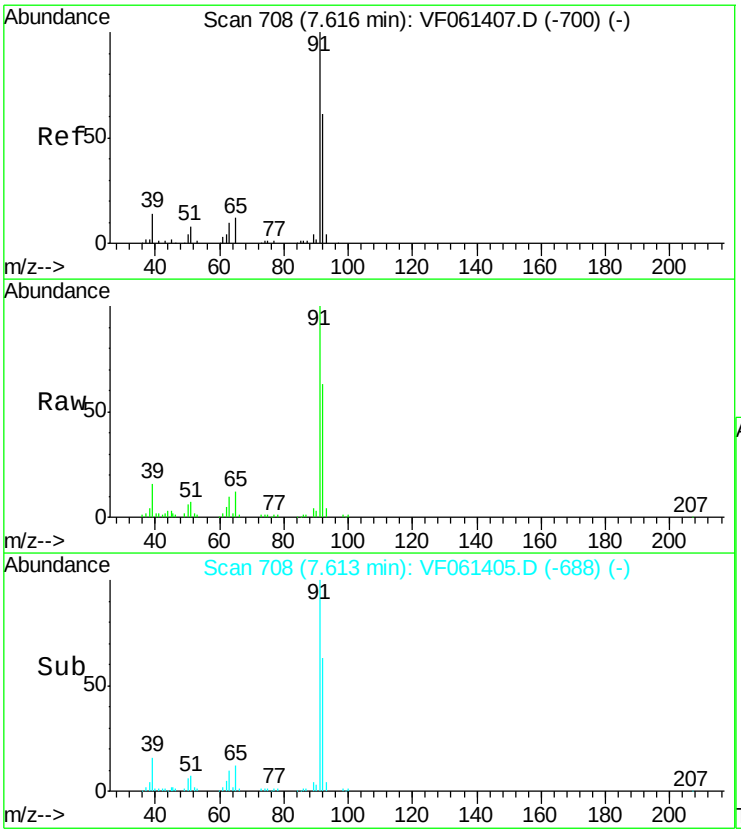
Tgt Ion: 43 Resp: 64152

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.8	43.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

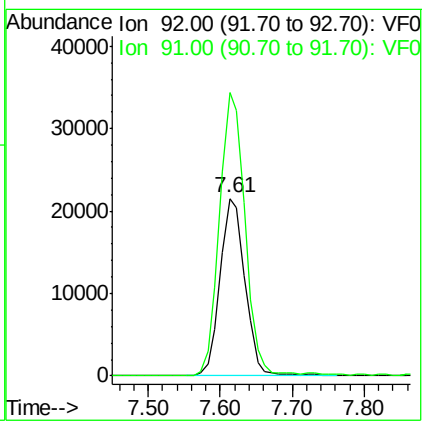
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

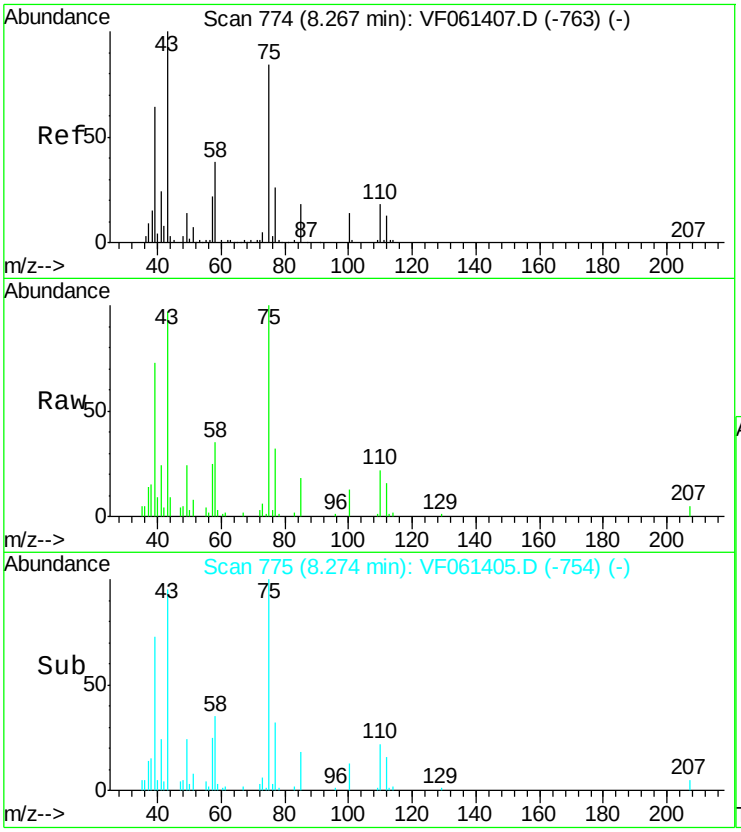


#52
Toluene
Concen: 10.466 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 92 Resp: 51470

Ion	Ratio	Lower	Upper
92	100		
91	159.6	131.2	196.8





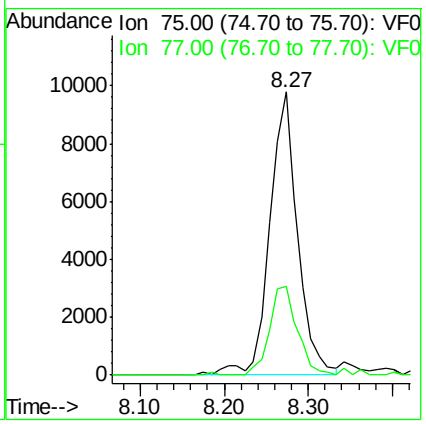
#53
t-1,3-Dichloropropene
Concen: 9.231 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

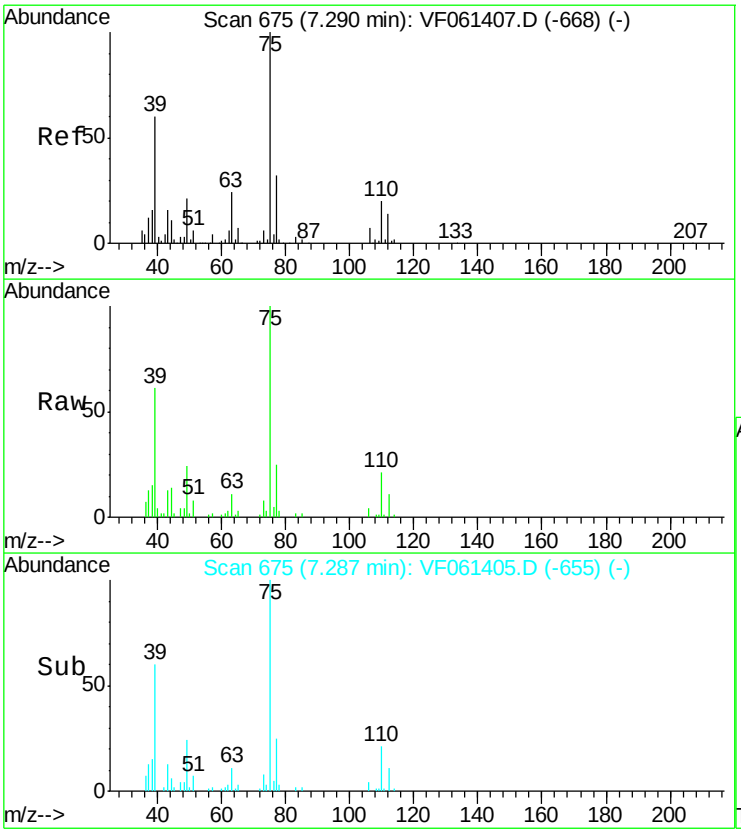
Tgt Ion: 75 Resp: 22678

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

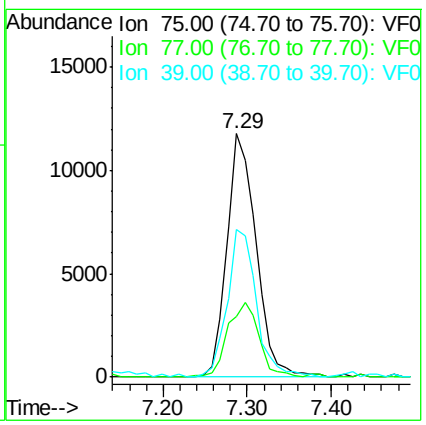


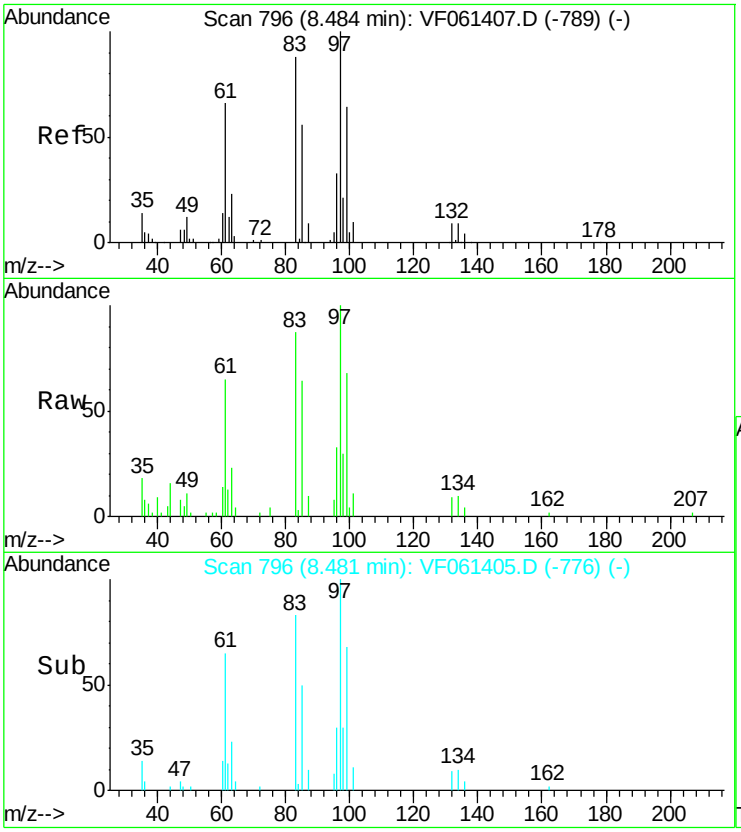


#54
cis-1,3-Dichloropropene
Concen: 9.216 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 75 Resp: 28479

Ion	Ratio	Lower	Upper
75	100		
77	24.9	25.4	38.0#
39	60.5	47.8	71.8

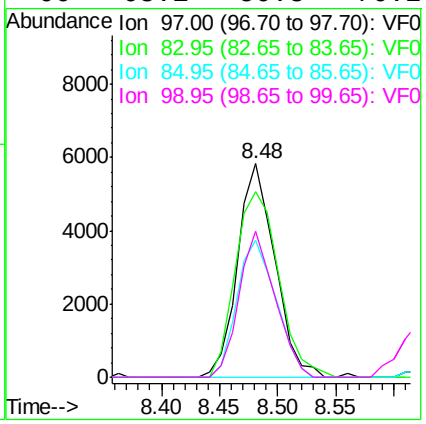




#55
1,1,2-Trichloroethane
Concen: 9.688 ug/l
RT: 8.48 min Scan# 796
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

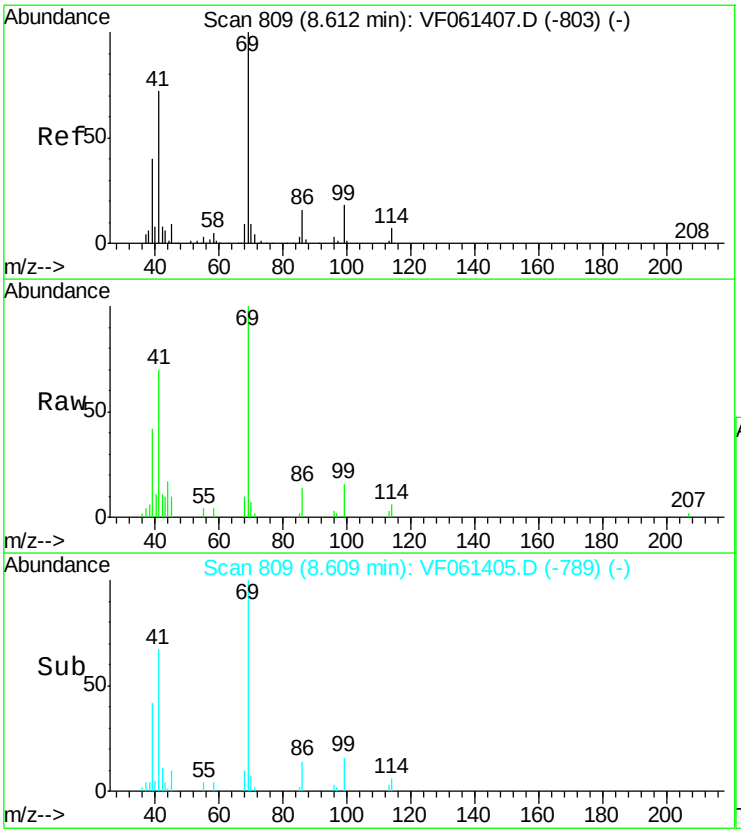
Tgt Ion: 97 Resp: 12948

Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.4	105.6
85	64.2	44.7	67.1
99	68.1	50.8	76.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

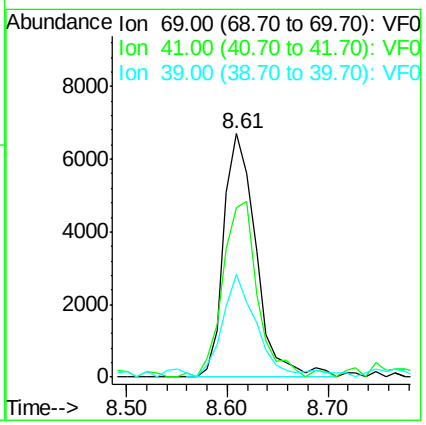
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

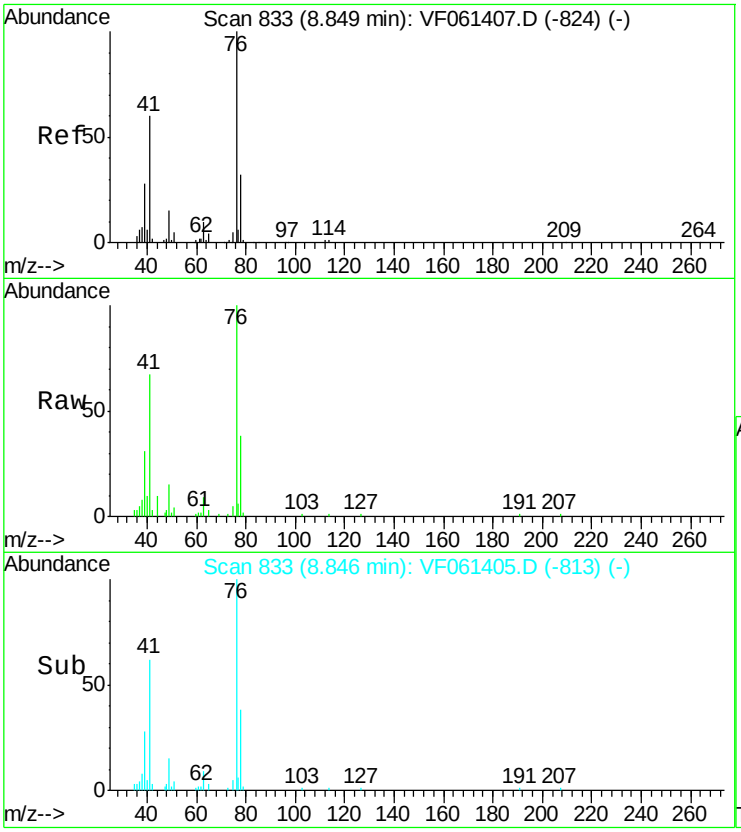


#56
Ethyl methacrylate
Concen: 9.772 ug/l
RT: 8.61 min Scan# 809
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 69 Resp: 14968

Ion	Ratio	Lower	Upper
69	100		
41	69.6	57.5	86.3
39	42.4	32.0	48.0





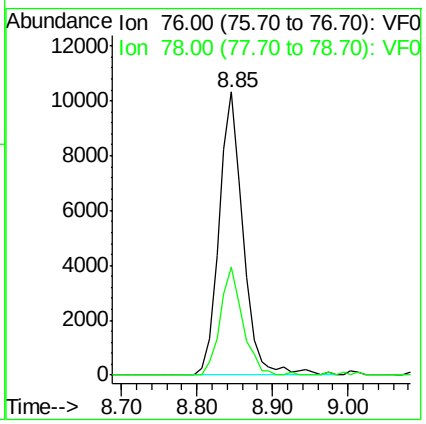
#57
1,3-Dichloropropane
Concen: 9.173 ug/l
RT: 8.85 min Scan# 833
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

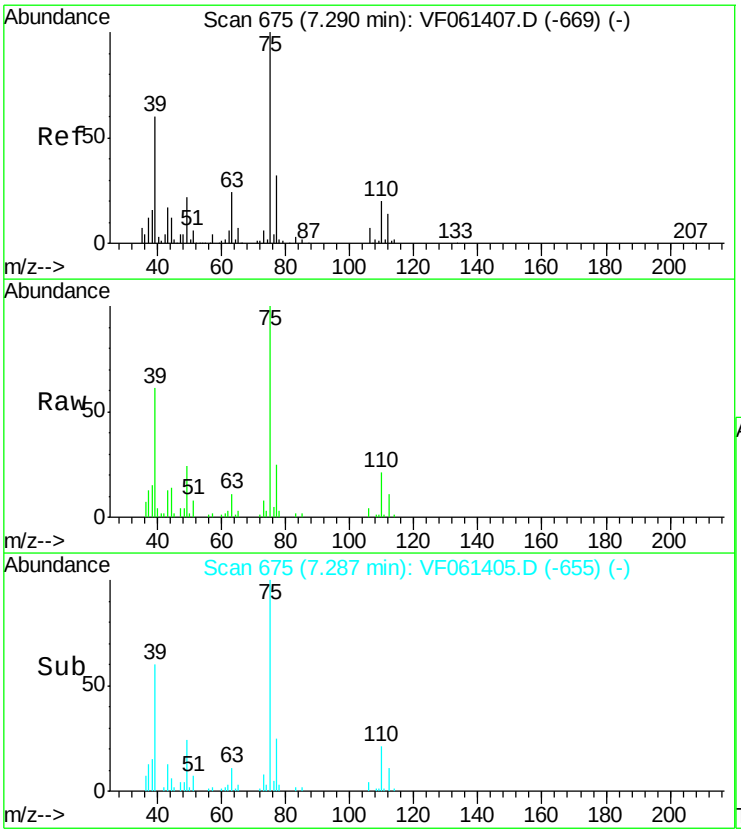
Tgt Ion: 76 Resp: 22743

Ion	Ratio	Lower	Upper
76	100		
78	38.2	25.3	37.9#

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

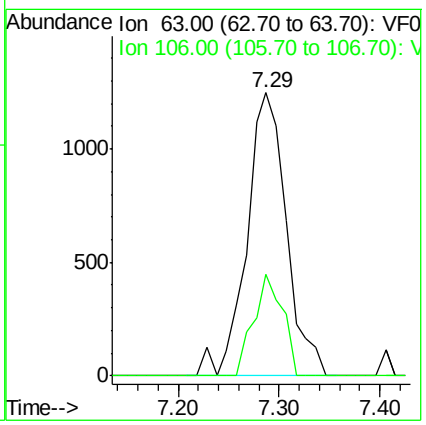


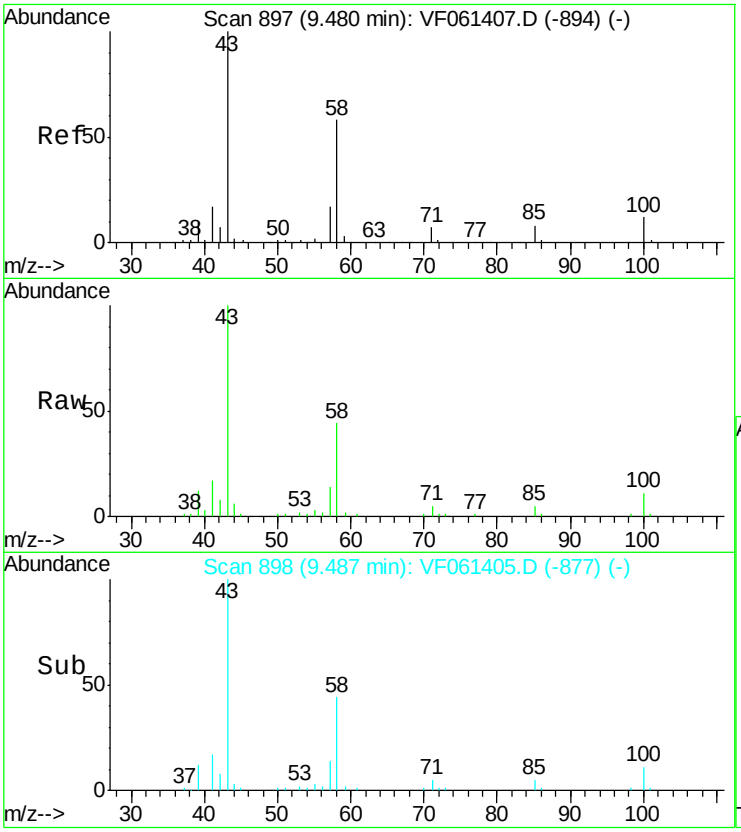


#58
2-Chloroethyl Vinyl ether
Concen: 32.851 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 63 Resp: 3404

Ion	Ratio	Lower	Upper
63	100		
106	35.9	21.9	32.9#

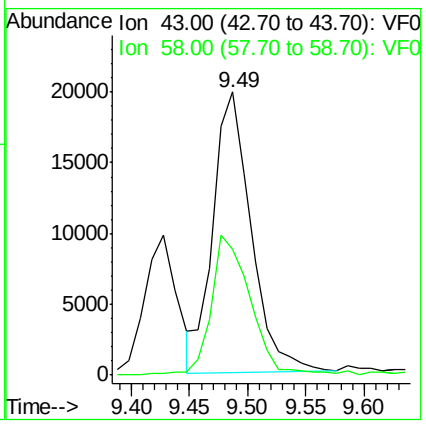




#59
2-Hexanone
Concen: 52.268 ug/l
RT: 9.49 min Scan# 898
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

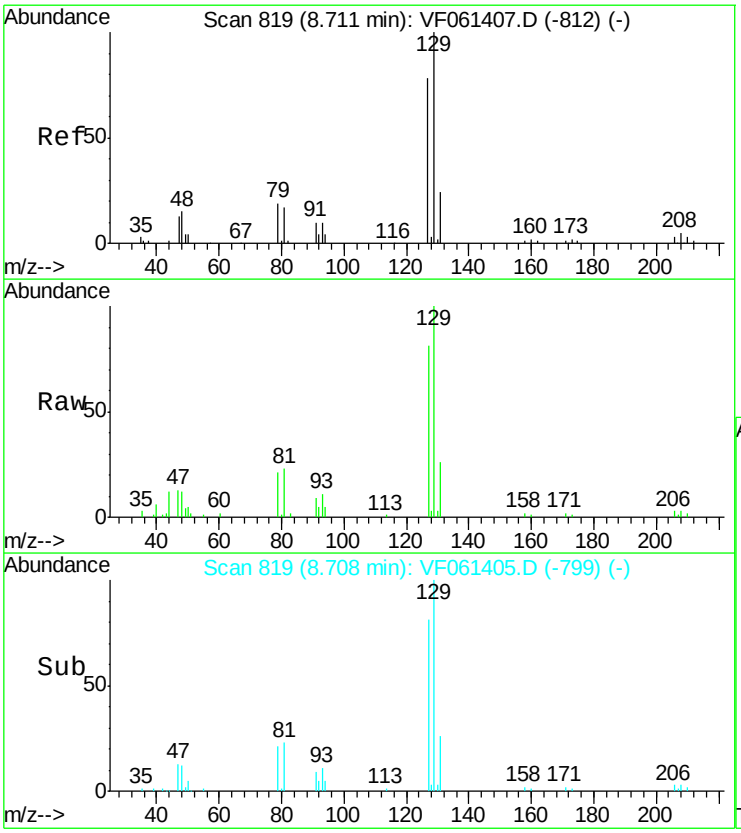
Tgt Ion: 43 Resp: 45174

Ion	Ratio	Lower	Upper
43	100		
58	44.4	25.9	77.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

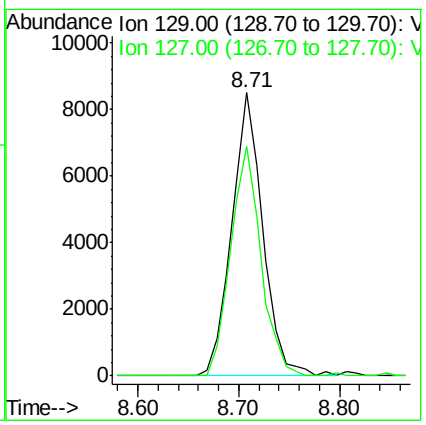
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

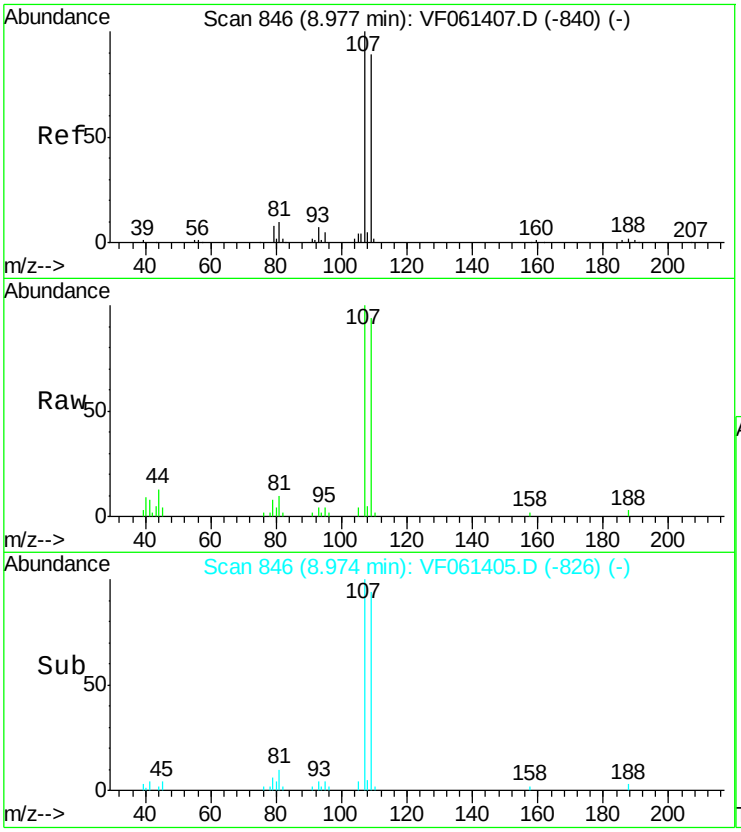


#60
Dibromochloromethane
Concen: 9.556 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:129 Resp: 18152

Ion	Ratio	Lower	Upper
129	100		
127	81.0	39.1	117.2





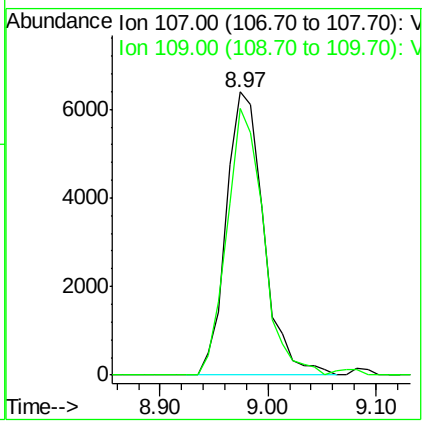
#61
1,2-Dibromoethane
Concen: 10.104 ug/l
RT: 8.97 min Scan# 846
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

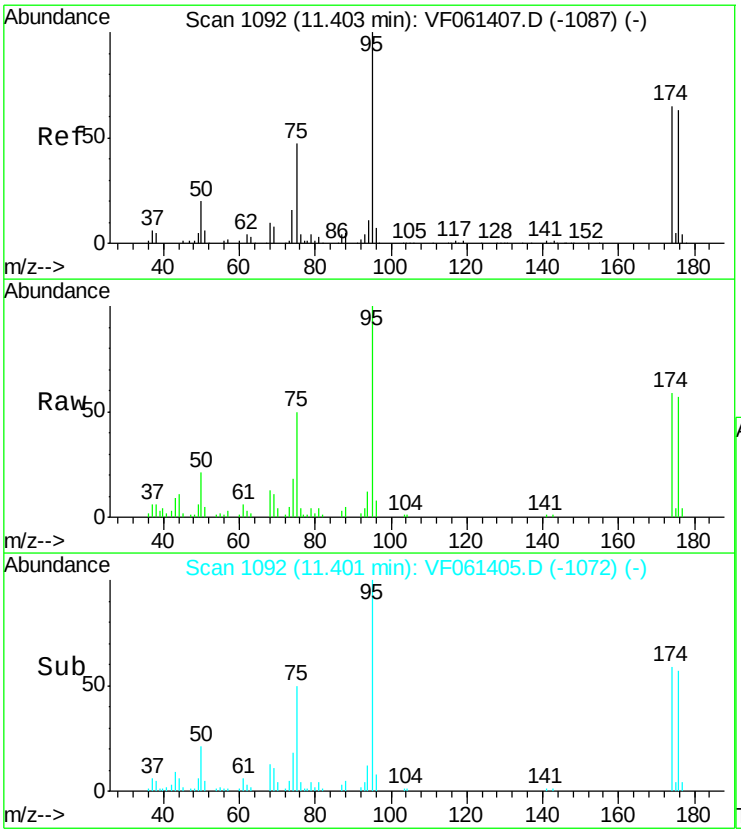
Tgt Ion:107 Resp: 15451

Ion	Ratio	Lower	Upper
107	100		
109	94.0	70.8	106.2

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

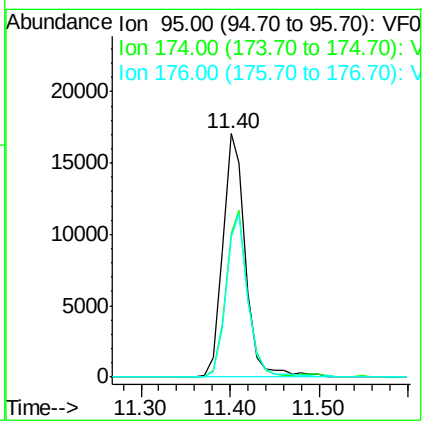


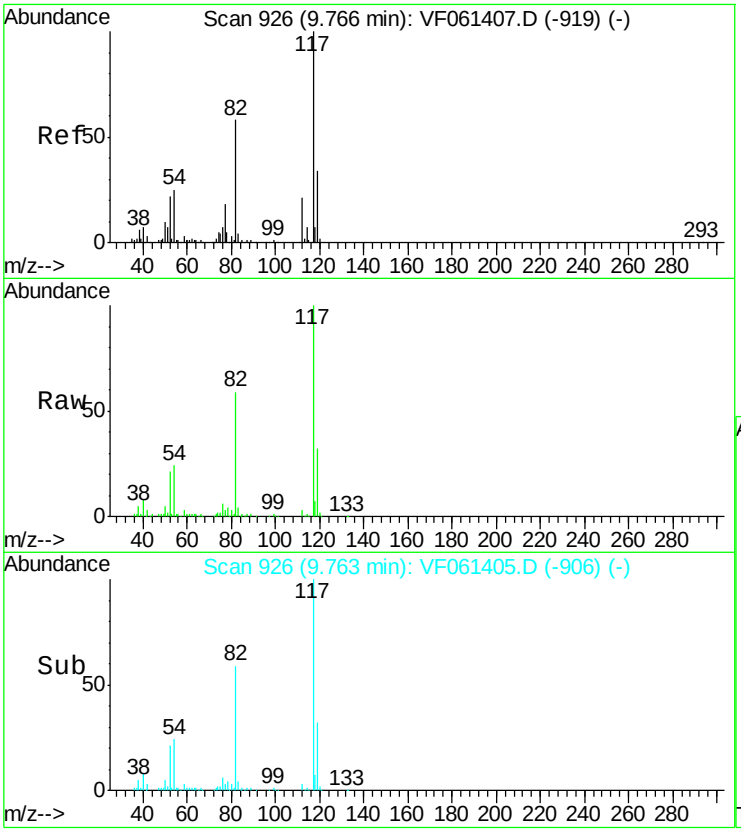


#62
4-Bromofluorobenzene
Concen: 10.597 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 95 Resp: 30806

Ion	Ratio	Lower	Upper
95	100		
174	59.1	0.0	130.4
176	57.5	0.0	126.2

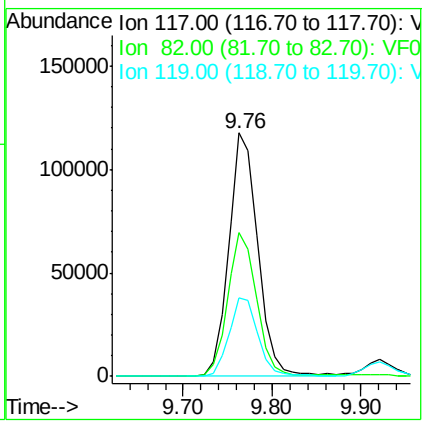




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

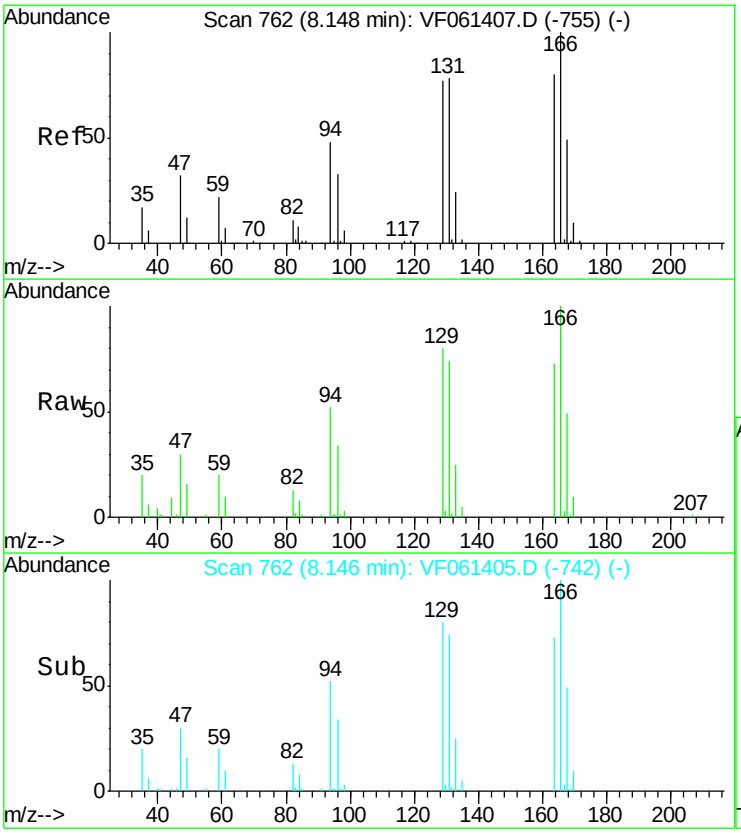
Tgt Ion:117 Resp: 269961

Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.4	69.6
119	32.0	27.2	40.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

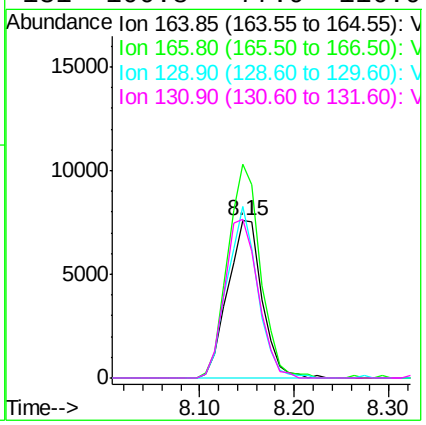
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

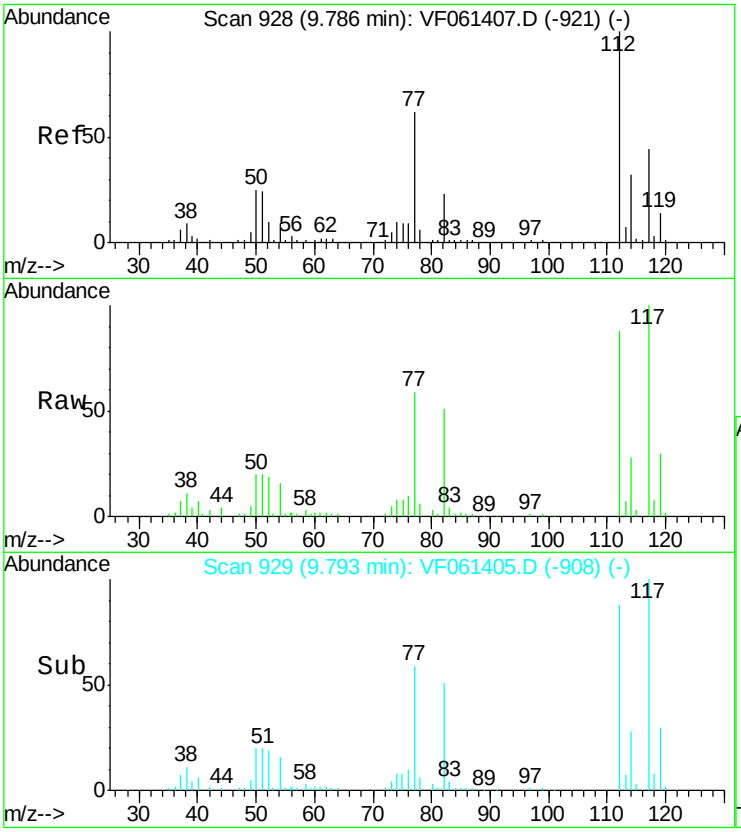


#64
Tetrachloroethene
Concen: 9.265 ug/l
RT: 8.15 min Scan# 762
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:164 Resp: 19053

Ion	Ratio	Lower	Upper
164	100		
166	136.1	99.6	149.4
129	109.2	76.4	114.6
131	100.8	77.9	116.9

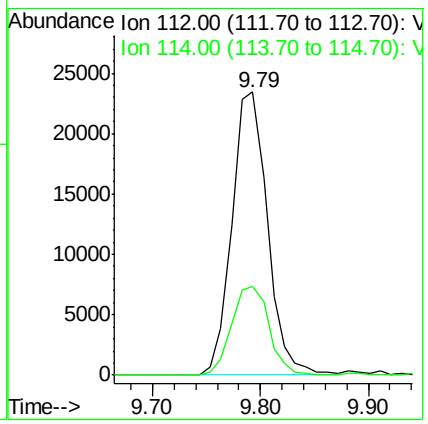




#65
Chlorobenzene
Concen: 9.409 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

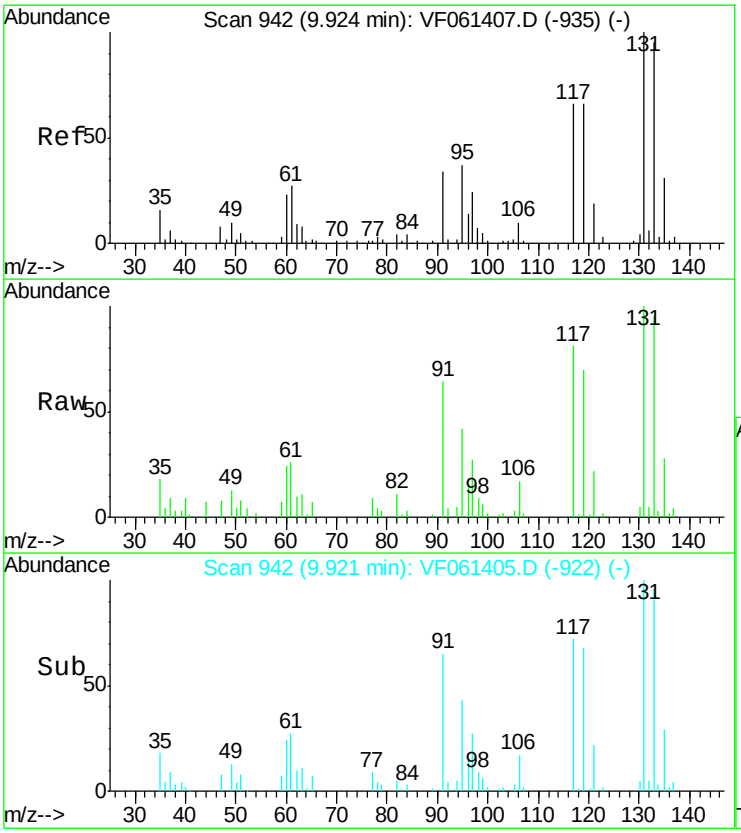
Tgt Ion:112 Resp: 53828

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.4	38.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

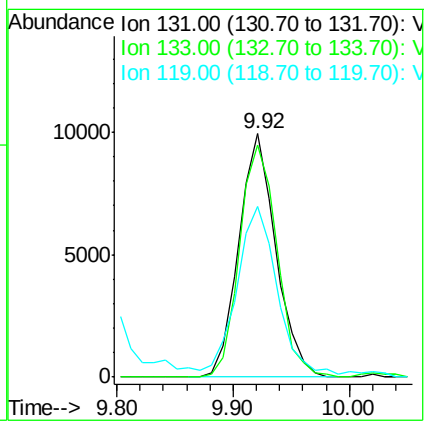
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

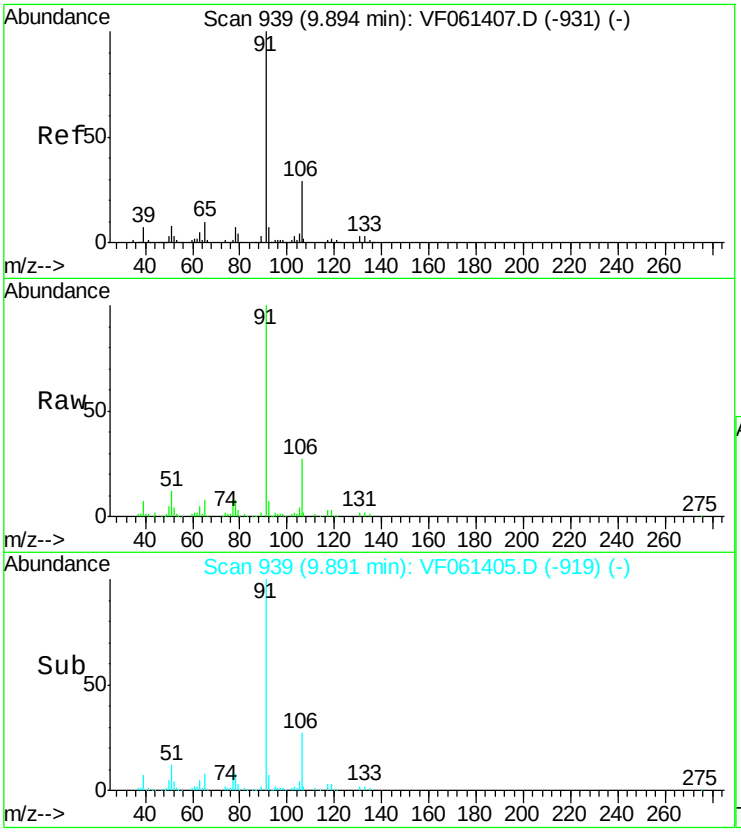


#66
1,1,1,2-Tetrachloroethane
Concen: 9.754 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:131 Resp: 21845

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.4	142.2
119	69.9	33.1	99.3

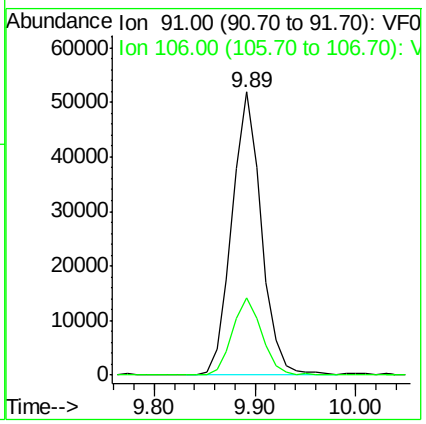




#67
Ethyl Benzene
Concen: 9.953 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

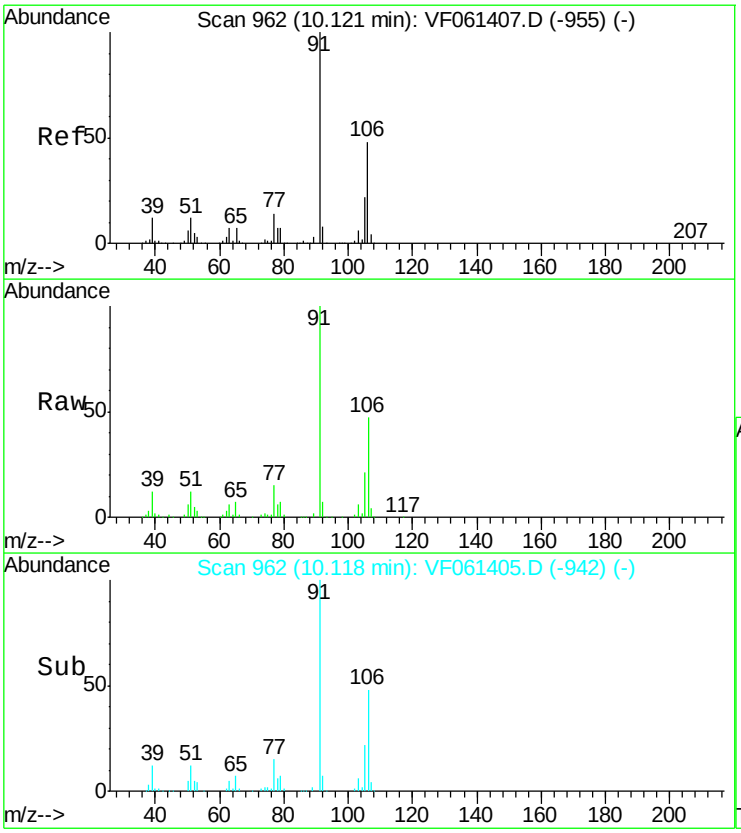
Tgt Ion: 91 Resp: 105435

Ion	Ratio	Lower	Upper
91	100		
106	27.4	23.1	34.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

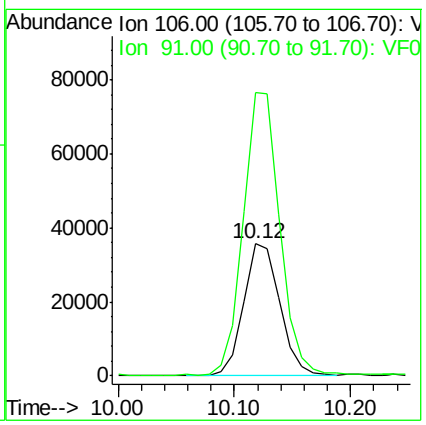
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

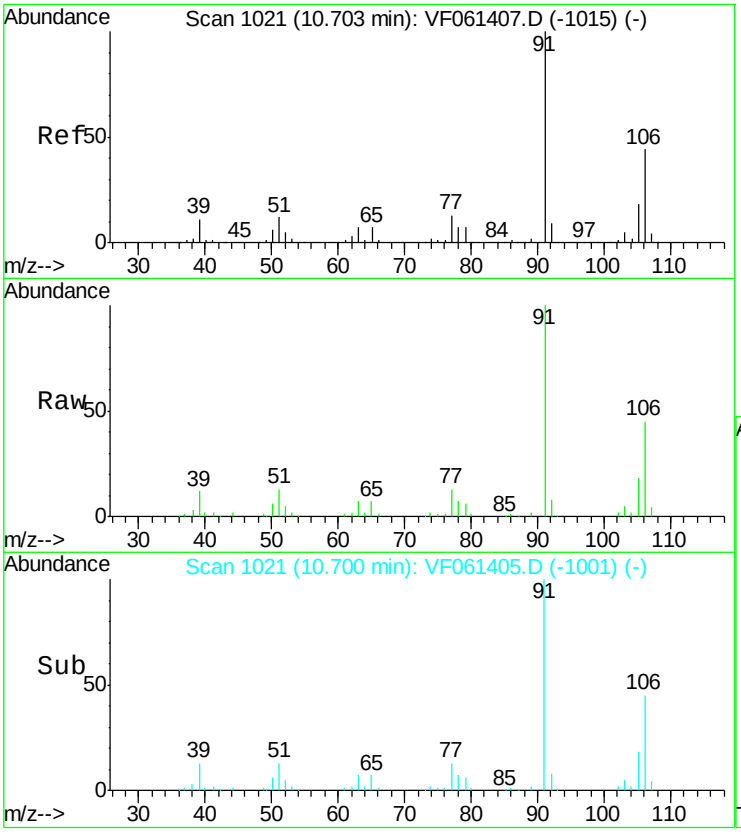


#68
m/p-Xylenes
Concen: 20.264 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:106 Resp: 77439

Ion	Ratio	Lower	Upper
106	100		
91	214.6	166.2	249.4

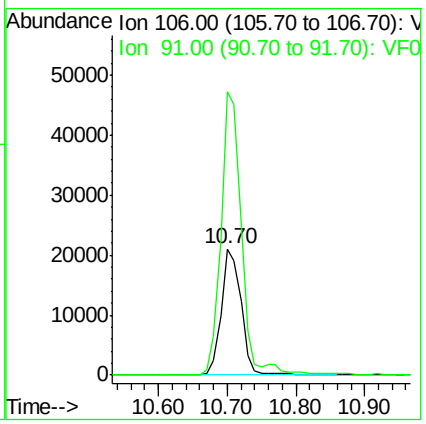




#69
o-Xylene
Concen: 10.360 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

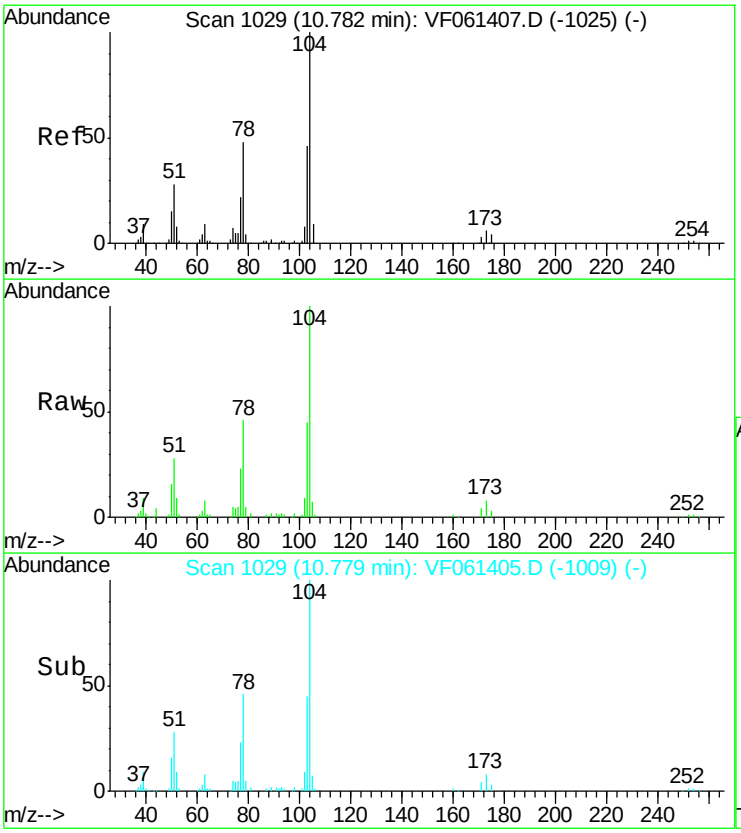
Tgt Ion:106 Resp: 42288

Ion	Ratio	Lower	Upper
106	100		
91	224.5	113.3	339.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

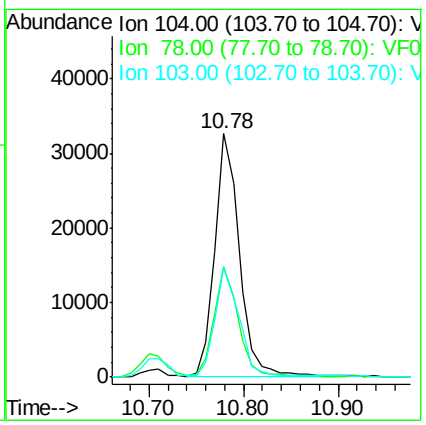
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

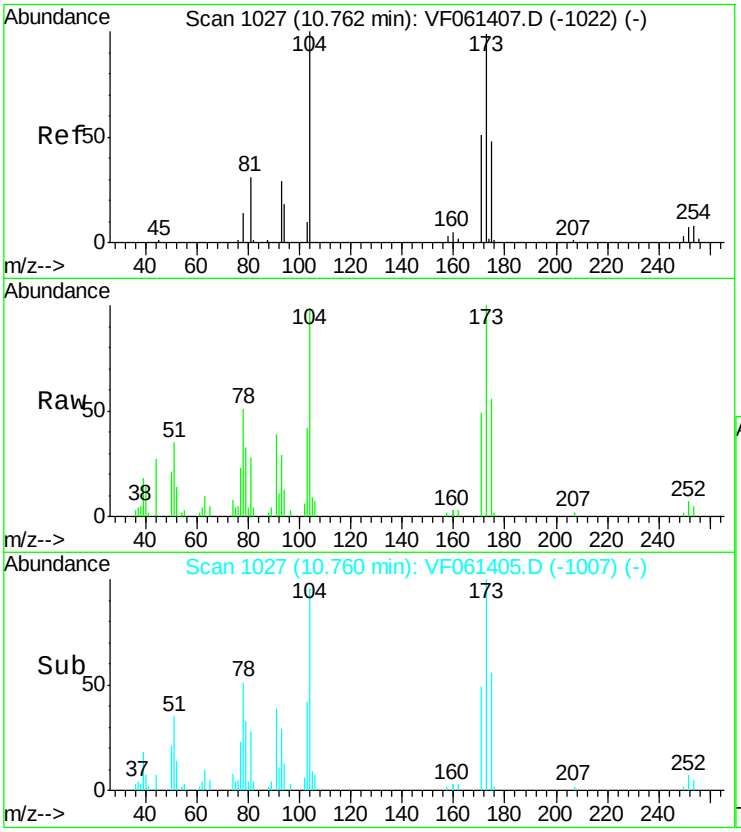


#70
Styrene
Concen: 10.498 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:104 Resp: 59479

Ion	Ratio	Lower	Upper
104	100		
78	45.6	38.8	58.2
103	45.0	37.0	55.6





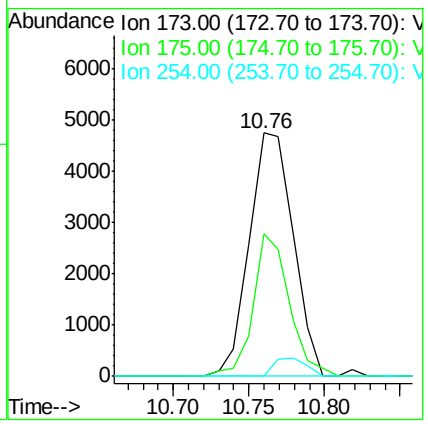
#71
Bromoform
Concen: 10.028 ug/l
RT: 10.76 min Scan# 1027
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

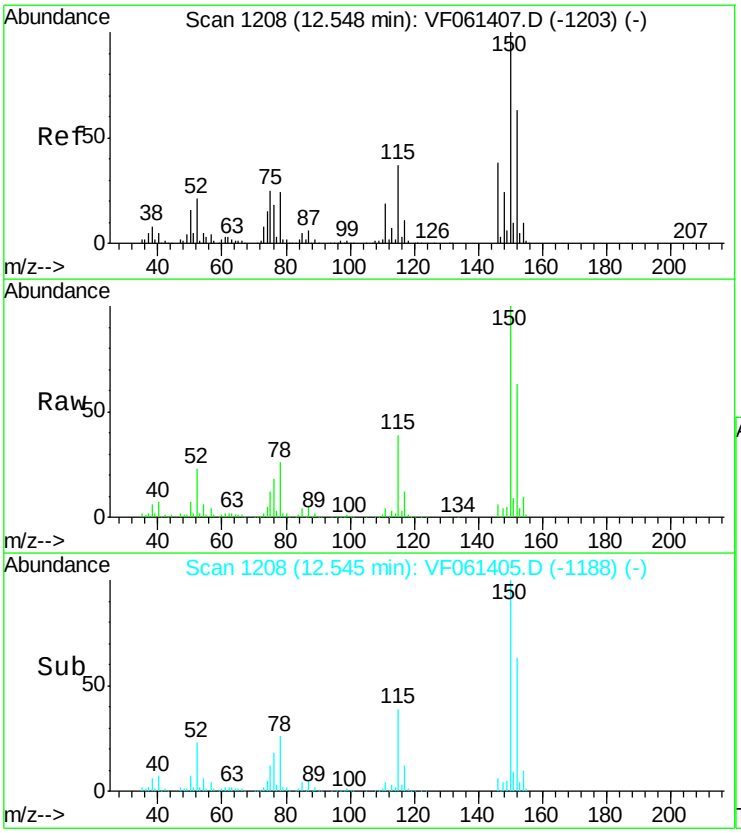
Tgt Ion:173 Resp: 9678

Ion	Ratio	Lower	Upper
173	100		
175	58.8	24.1	72.4
254	0.0	0.0	0.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

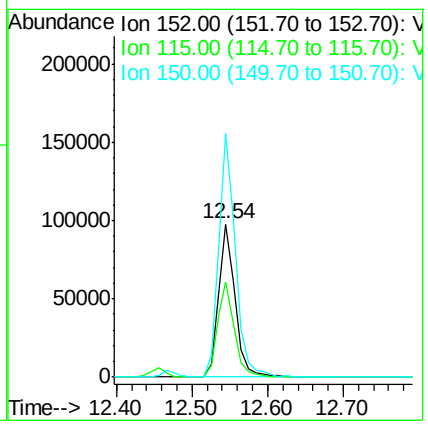


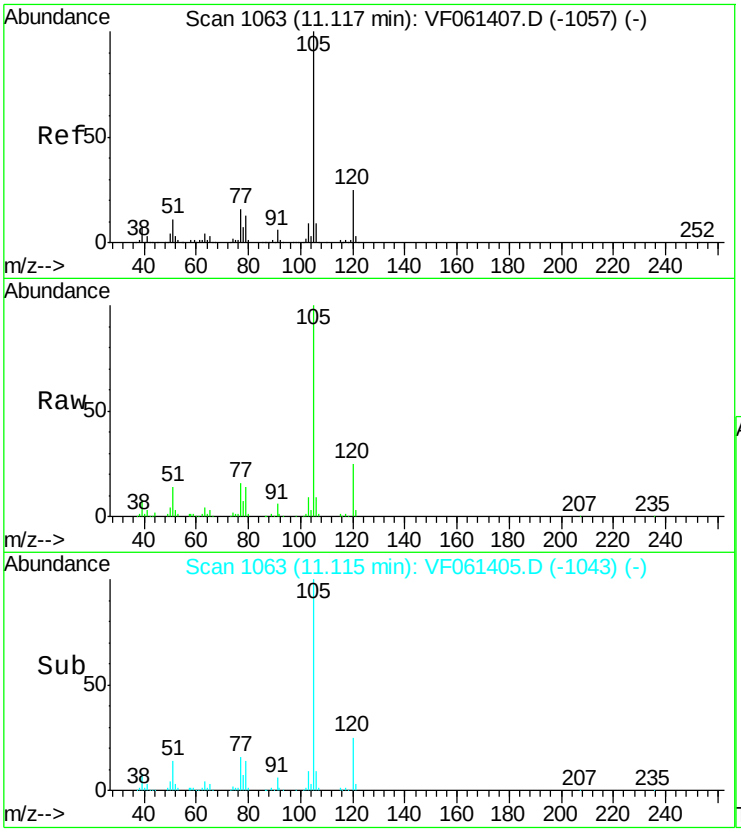


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:152 Resp: 152440

Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.0	90.0
150	159.1	0.0	321.4





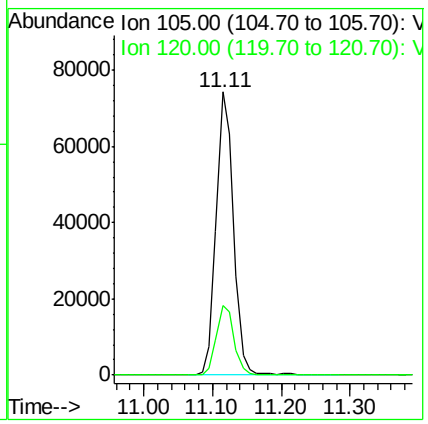
#73
Isopropylbenzene
Concen: 9.770 ug/l
RT: 11.11 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

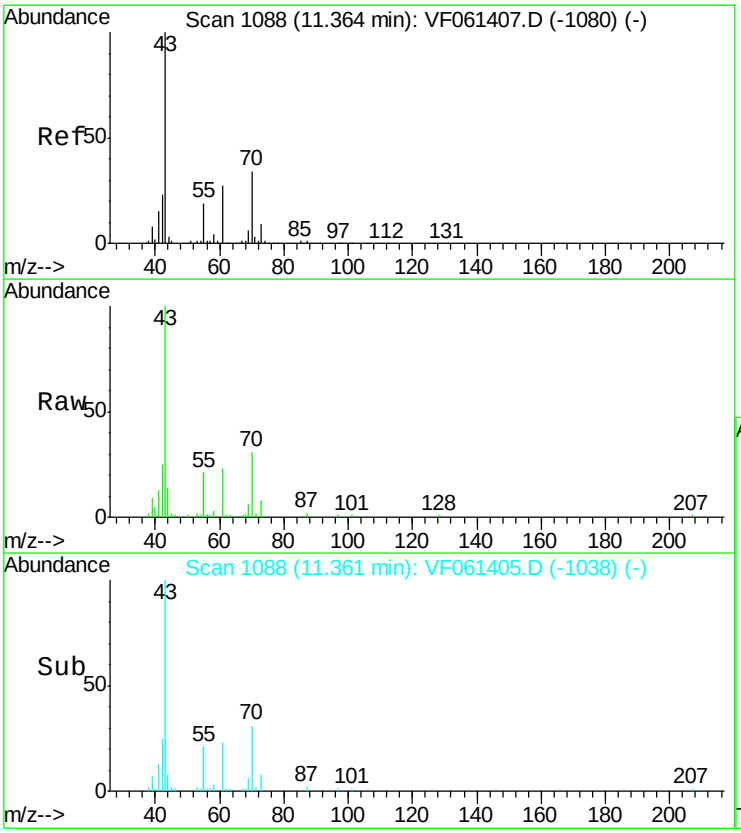
Tgt Ion:105 Resp: 130080

Ion	Ratio	Lower	Upper
105	100		
120	24.6	12.6	37.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

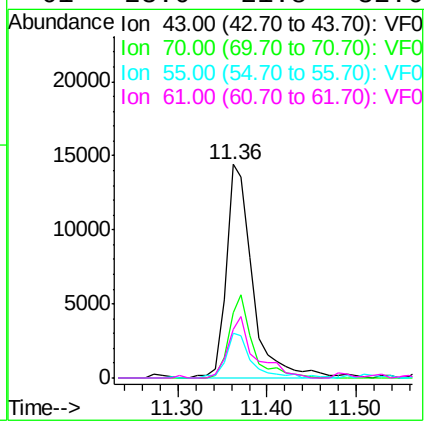


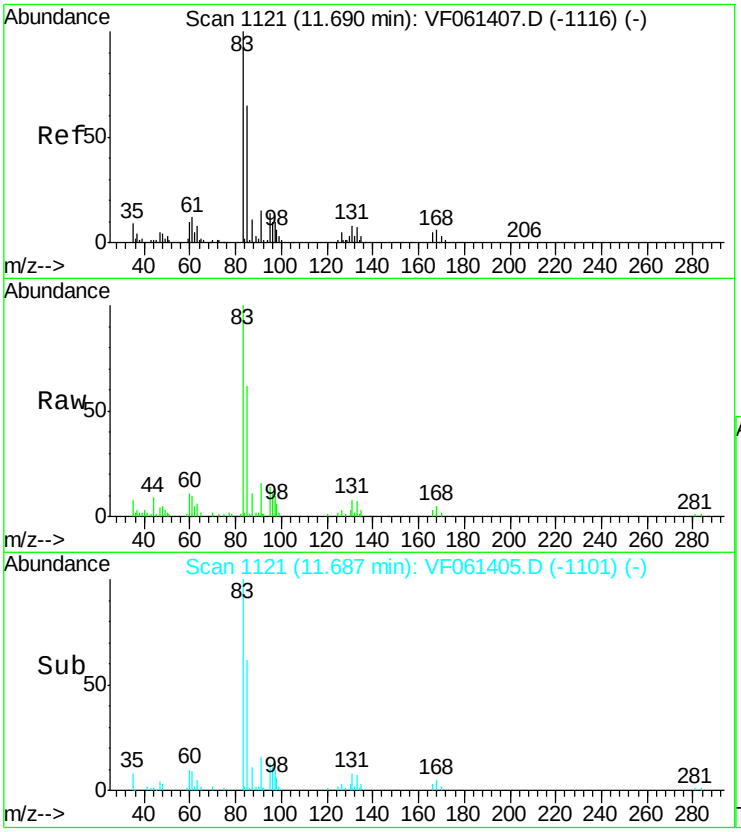


#74
N-amyl acetate
Concen: 9.798 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 43 Resp: 29960

Ion	Ratio	Lower	Upper
43	100		
70	30.6	27.6	41.4
55	21.0	15.4	23.2
61	23.0	21.8	32.6

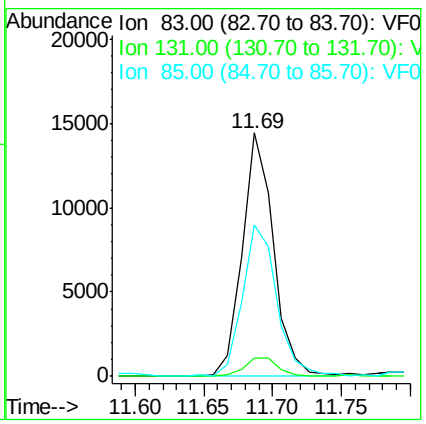




#75
1,1,2,2-Tetrachloroethane
Concen: 9.912 ug/l
RT: 11.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

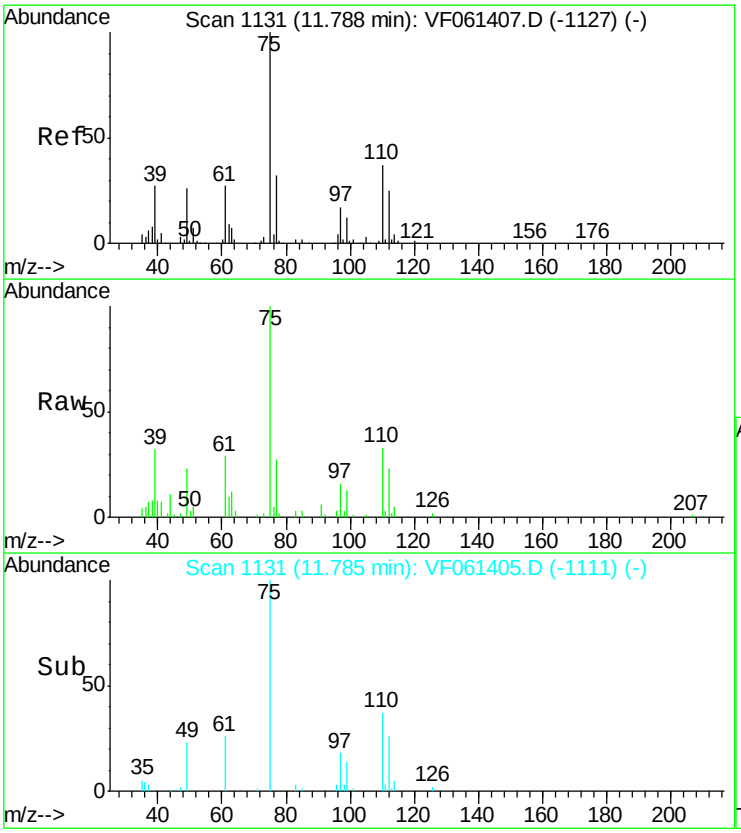
Tgt Ion: 83 Resp: 22953

Ion	Ratio	Lower	Upper
83	100		
131	7.5	4.0	12.2
85	62.5	32.7	98.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

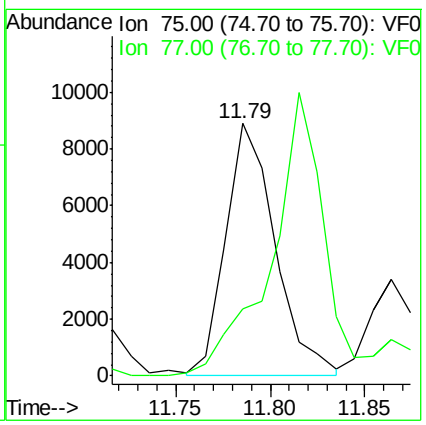
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

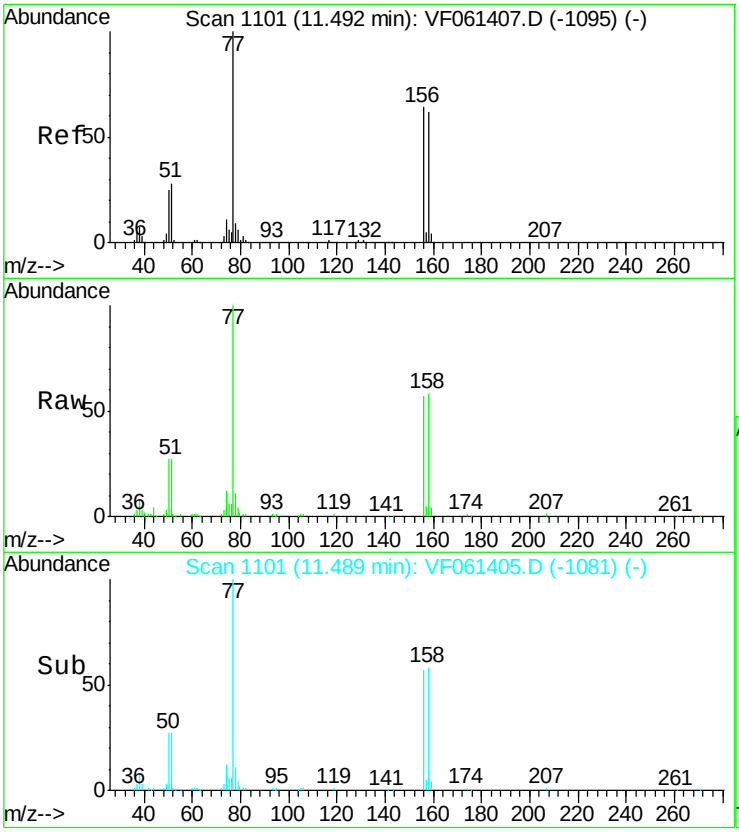


#76
1,2,3-Trichloropropane
Concen: 9.704 ug/l
RT: 11.79 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 75 Resp: 16151

Ion	Ratio	Lower	Upper
75	100		
77	26.8	16.1	48.3

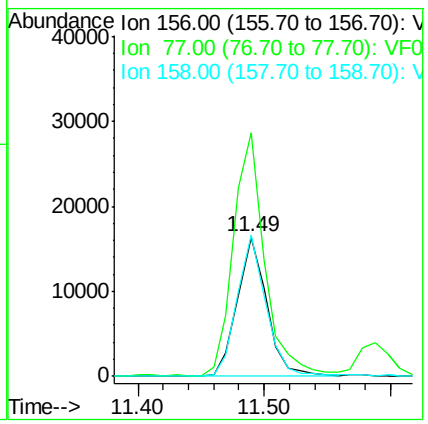




#77
Bromobenzene
Concen: 9.793 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

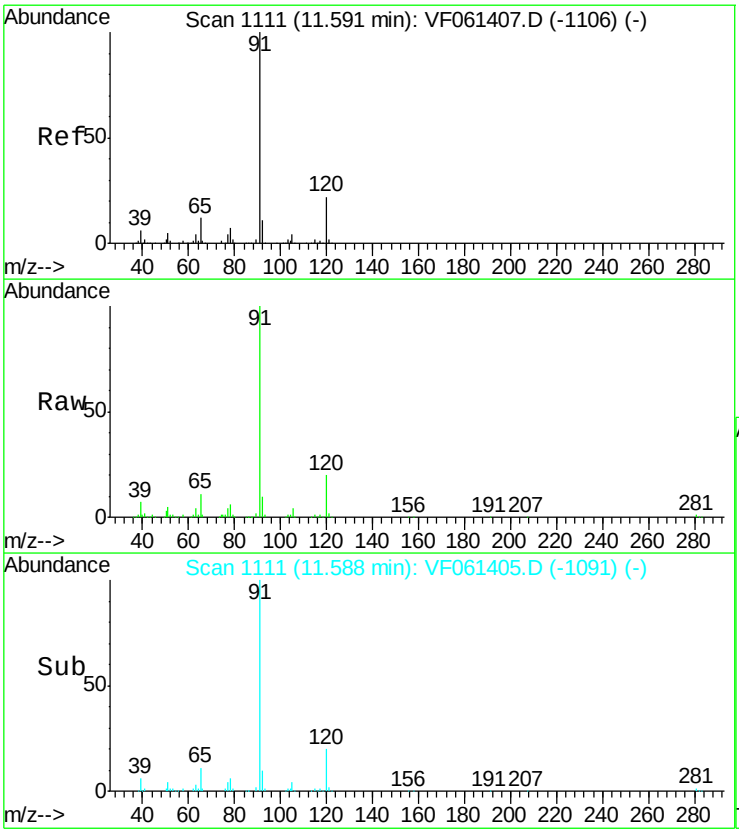
Tgt Ion:156 Resp: 26614

Ion	Ratio	Lower	Upper
156	100		
77	175.1	78.3	234.9
158	102.0	48.9	146.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

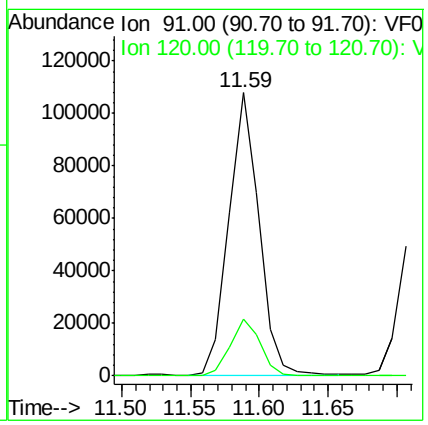
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

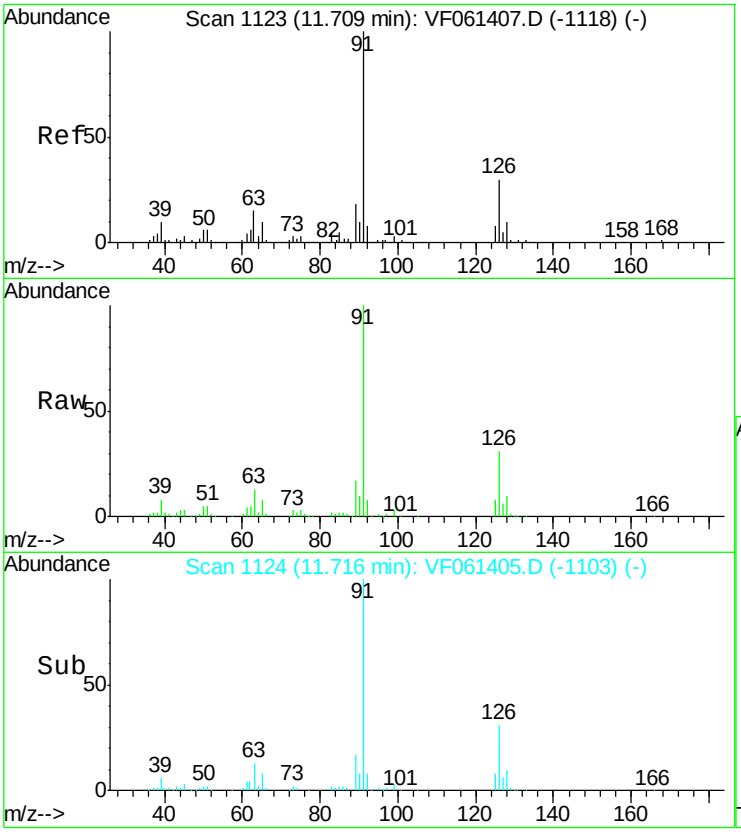


#78
n-propylbenzene
Concen: 10.187 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 91 Resp: 165233

Ion	Ratio	Lower	Upper
91	100		
120	20.3	10.9	32.6





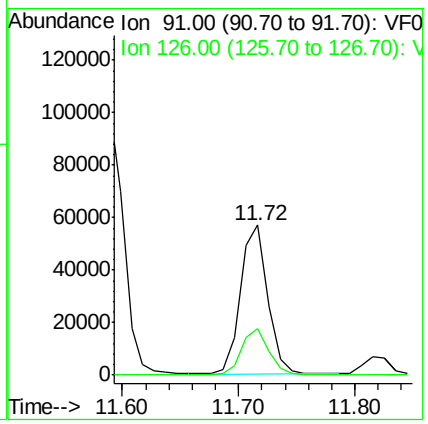
#79
2-Chlorotoluene
Concen: 10.035 ug/l
RT: 11.72 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

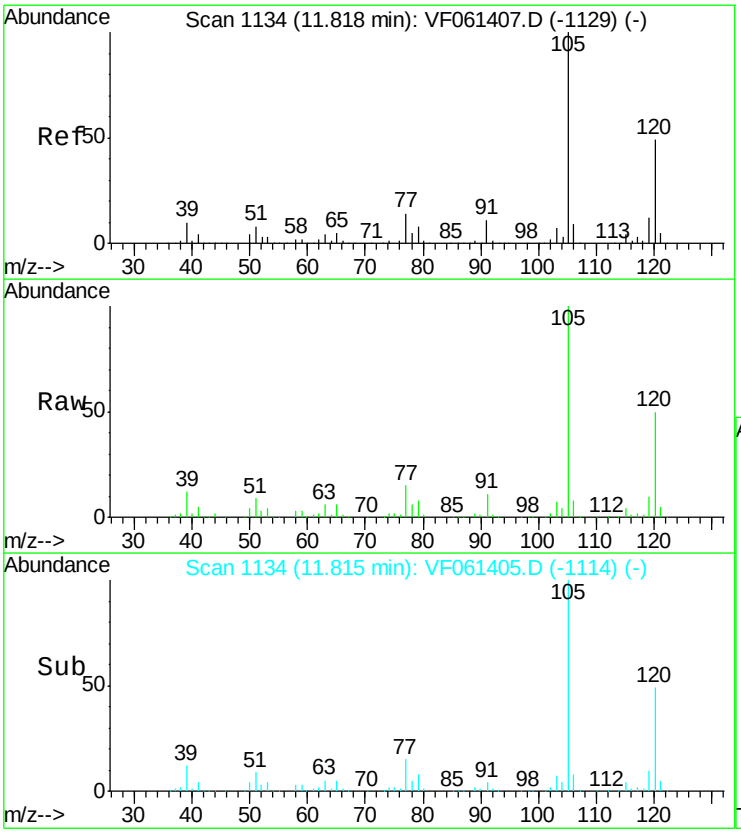
Tgt Ion: 91 Resp: 92498

Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.0	45.1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

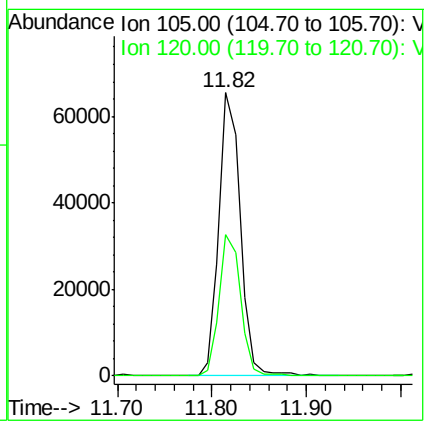


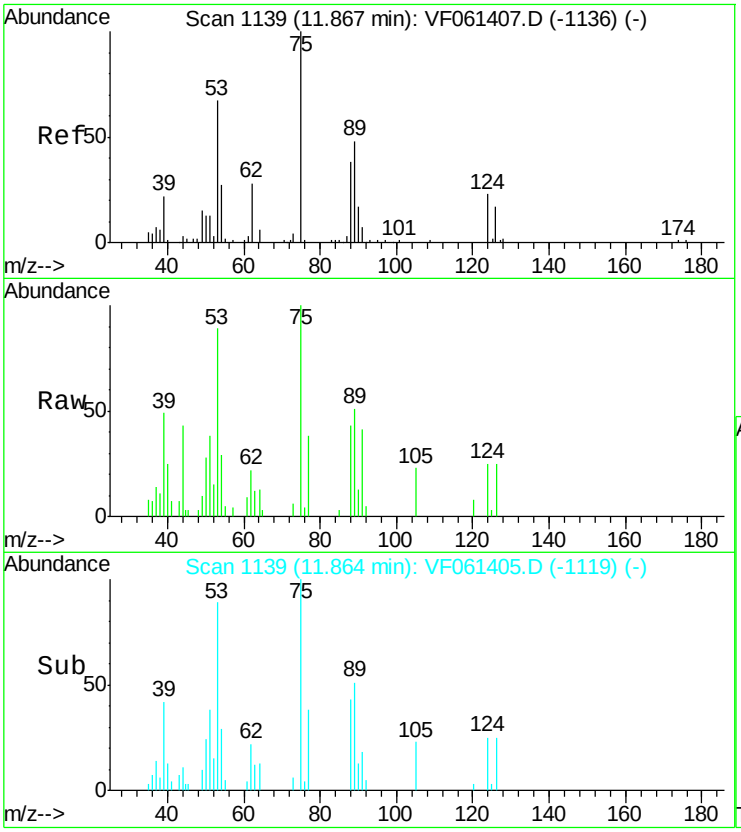


#80
1,3,5-Trimethylbenzene
Concen: 9.751 ug/l
RT: 11.82 min Scan# 1134
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:105 Resp: 103627

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.7	74.1





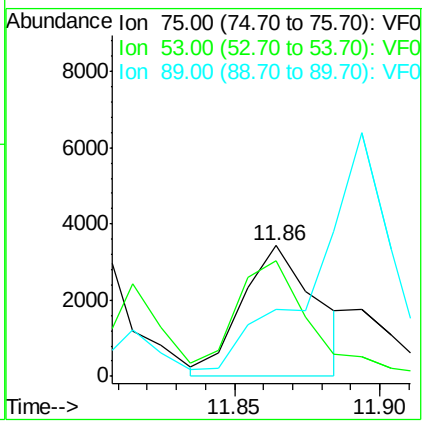
#81
trans-1,4-Dichloro-2-butene
Concen: 6.942 ug/l m
RT: 11.86 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

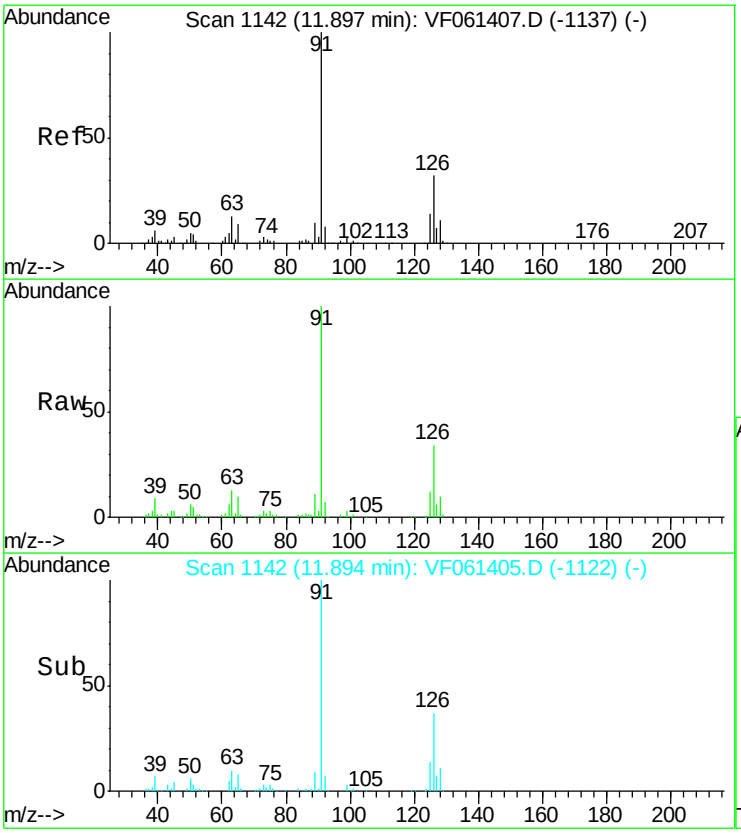
Tgt Ion: 75 Resp: 6096

Ion	Ratio	Lower	Upper
75	100		
53	88.5	57.8	86.6#
89	51.2	40.7	61.1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

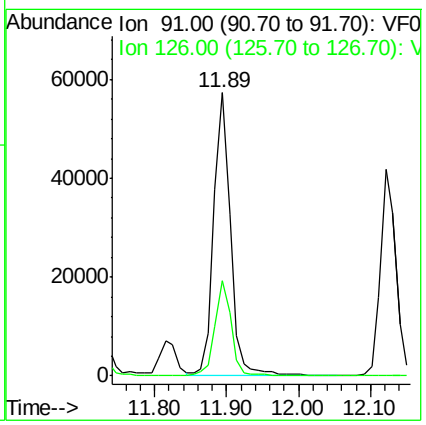


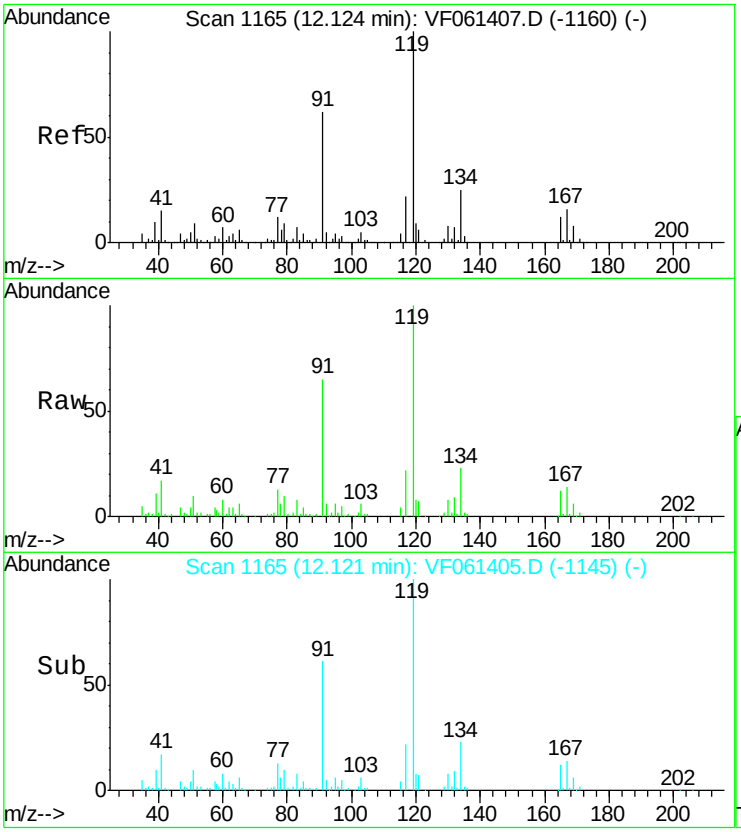


#82
4-Chlorotoluene
Concen: 9.900 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 91 Resp: 90388

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.0	47.9

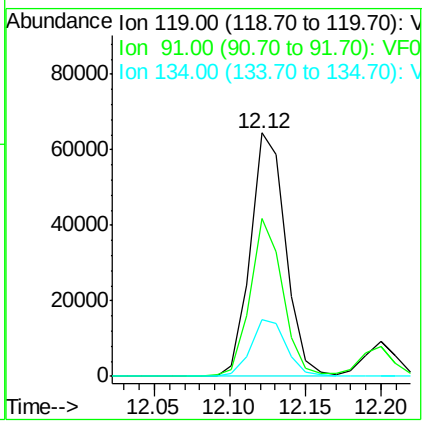




#83
tert-Butylbenzene
Concen: 9.512 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

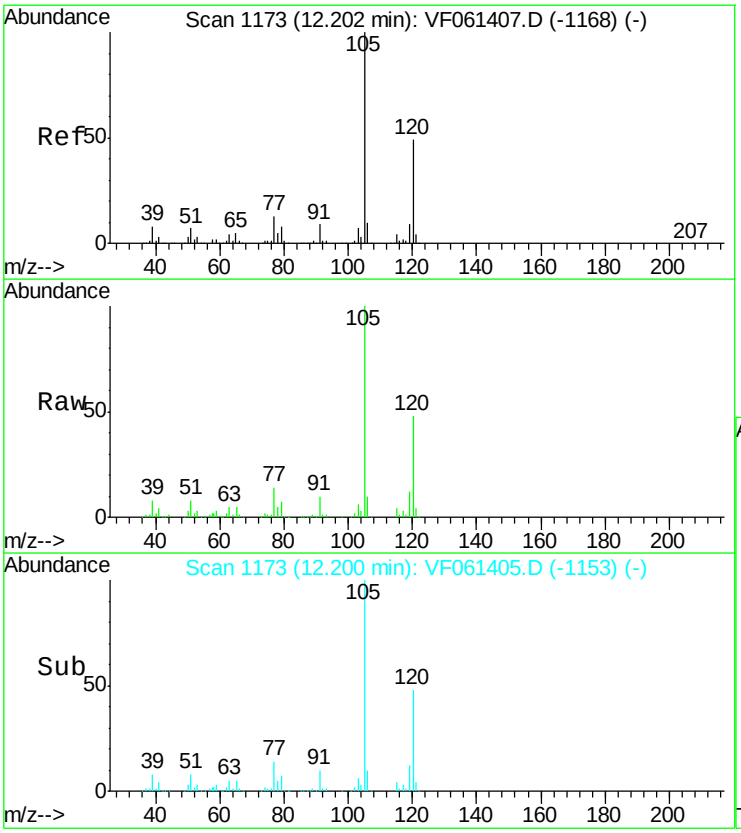
Tgt Ion:119 Resp: 105113

Ion	Ratio	Lower	Upper
119	100		
91	64.9	31.3	93.8
134	23.2	12.4	37.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

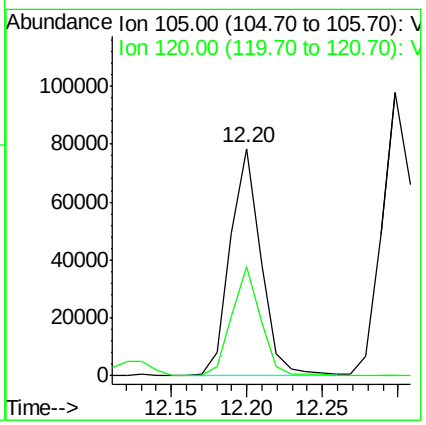
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

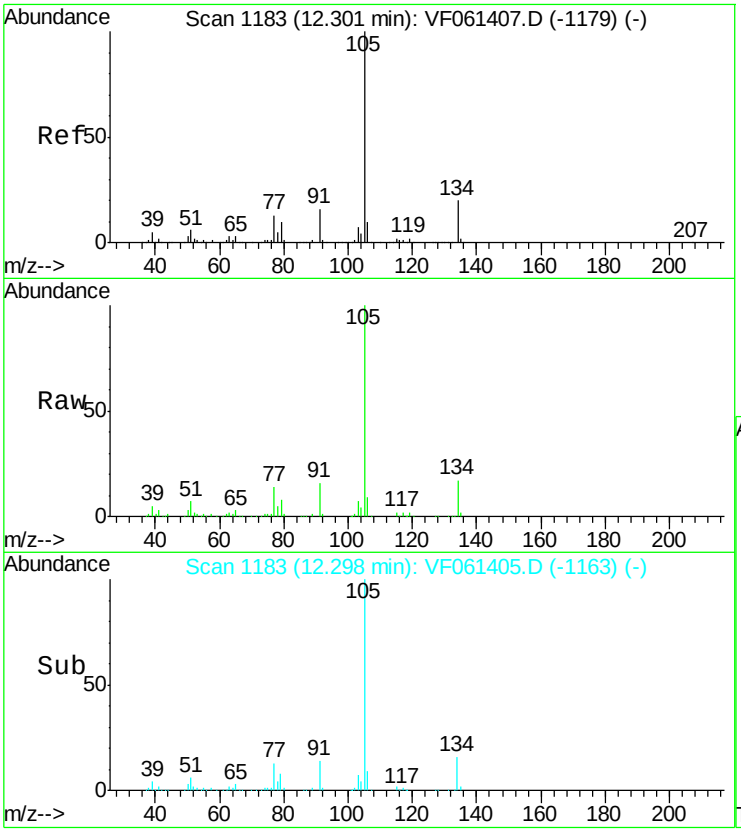


#84
1,2,4-Trimethylbenzene
Concen: 10.126 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:105 Resp: 111327

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.9	74.6





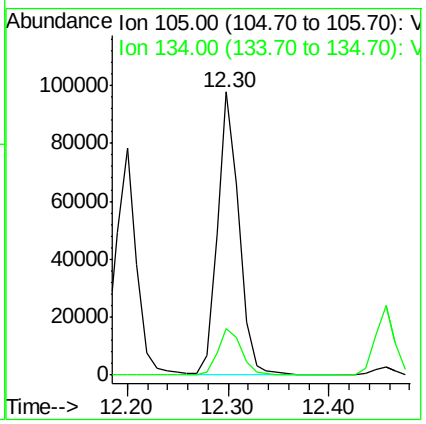
#85
sec-Butylbenzene
Concen: 9.679 ug/l
RT: 12.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

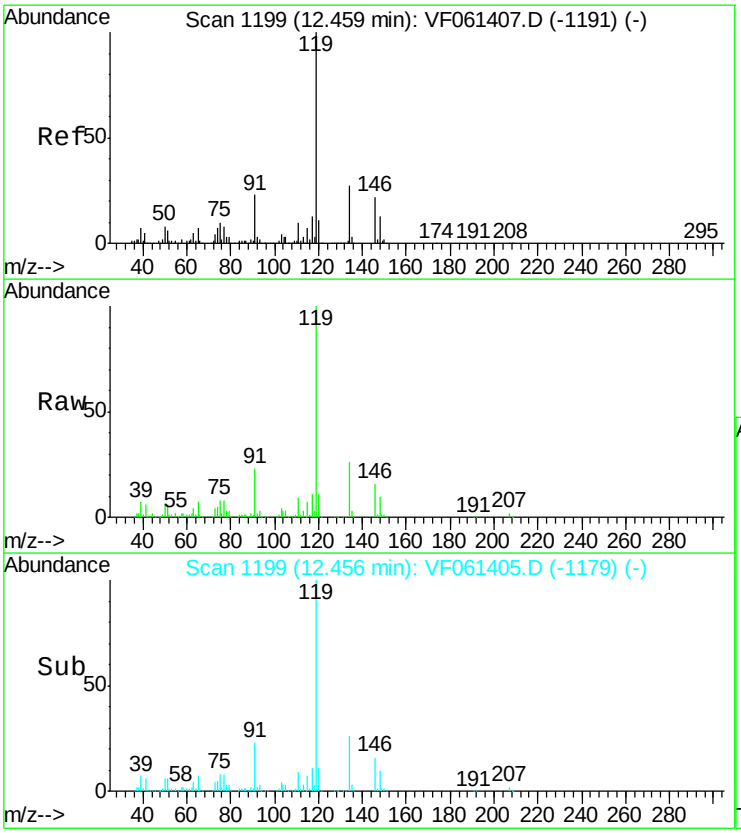
Tgt Ion:105 Resp: 145465

Ion	Ratio	Lower	Upper
105	100		
134	16.6	10.0	30.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

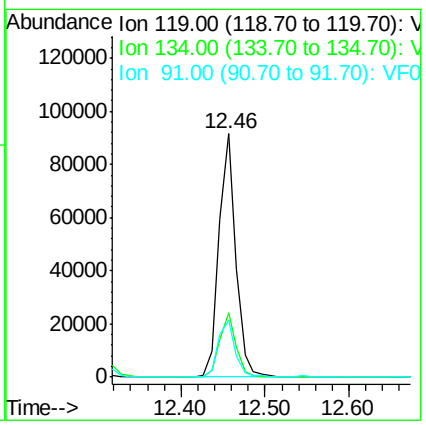


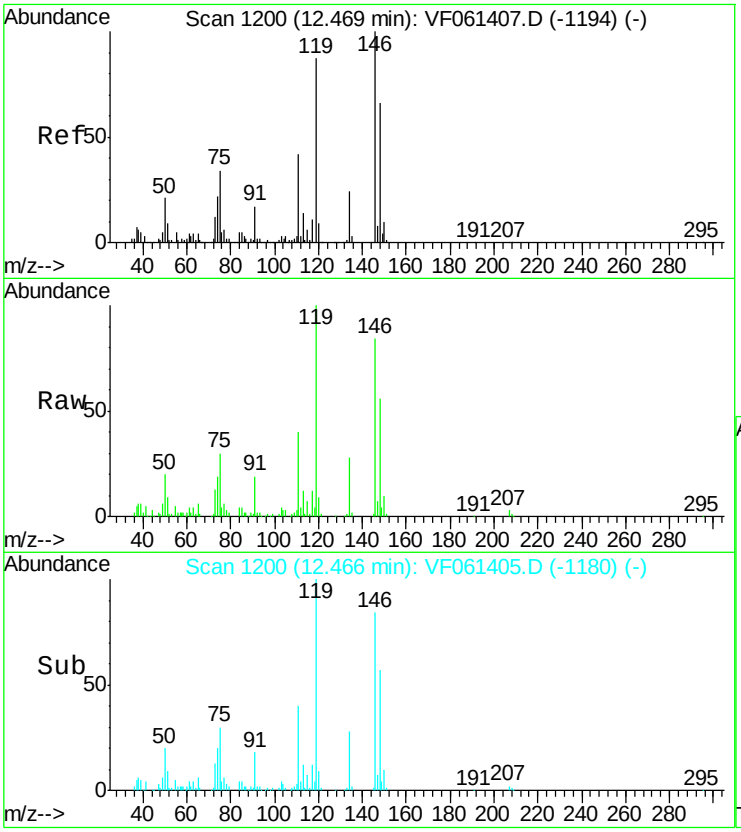


#86
p-Isopropyltoluene
Concen: 10.189 ug/l
RT: 12.46 min Scan# 1199
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:119 Resp: 127487

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.2
91	23.2	11.4	34.2

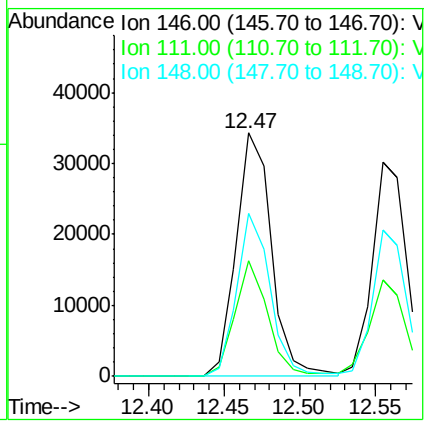




#87
1,3-Dichlorobenzene
Concen: 10.000 ug/l
RT: 12.47 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

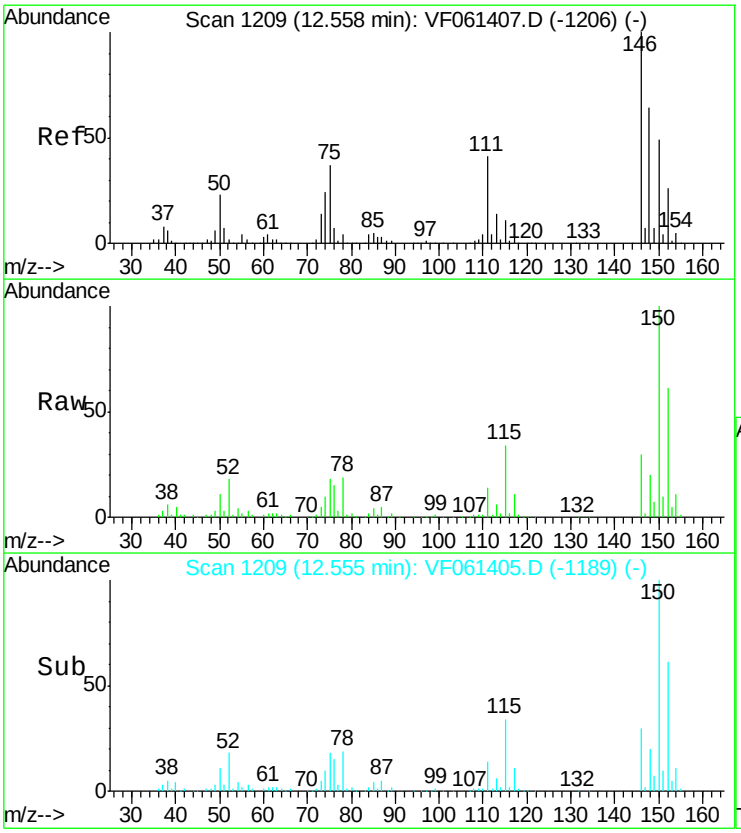
Tgt Ion:146 Resp: 55865

Ion	Ratio	Lower	Upper
146	100		
111	47.4	21.1	63.4
148	67.1	32.9	98.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

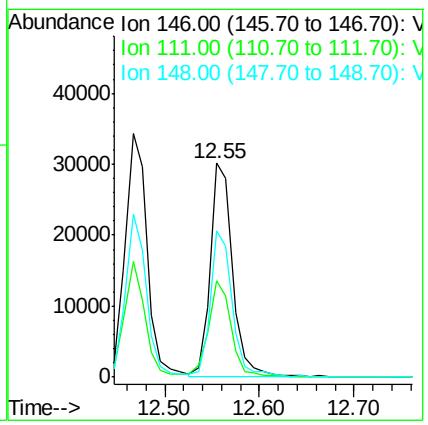
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

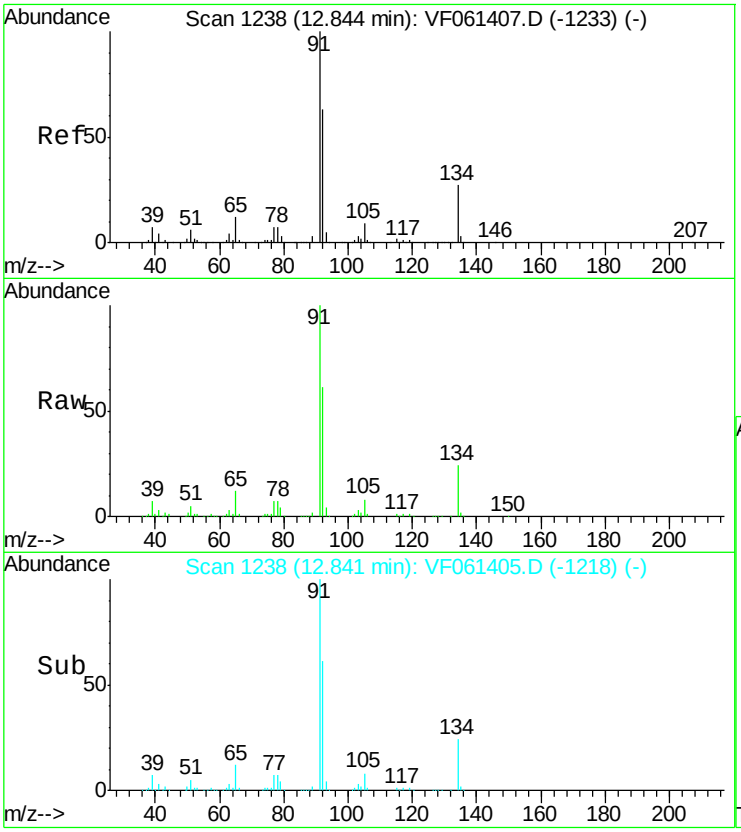


#88
1,4-Dichlorobenzene
Concen: 9.801 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:146 Resp: 50158

Ion	Ratio	Lower	Upper
146	100		
111	45.3	20.8	62.2
148	68.5	32.1	96.5





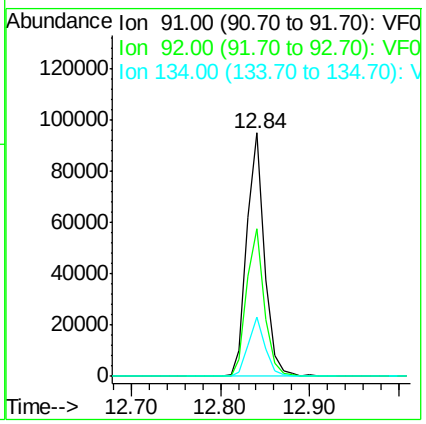
#89
n-Butylbenzene
Concen: 9.996 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

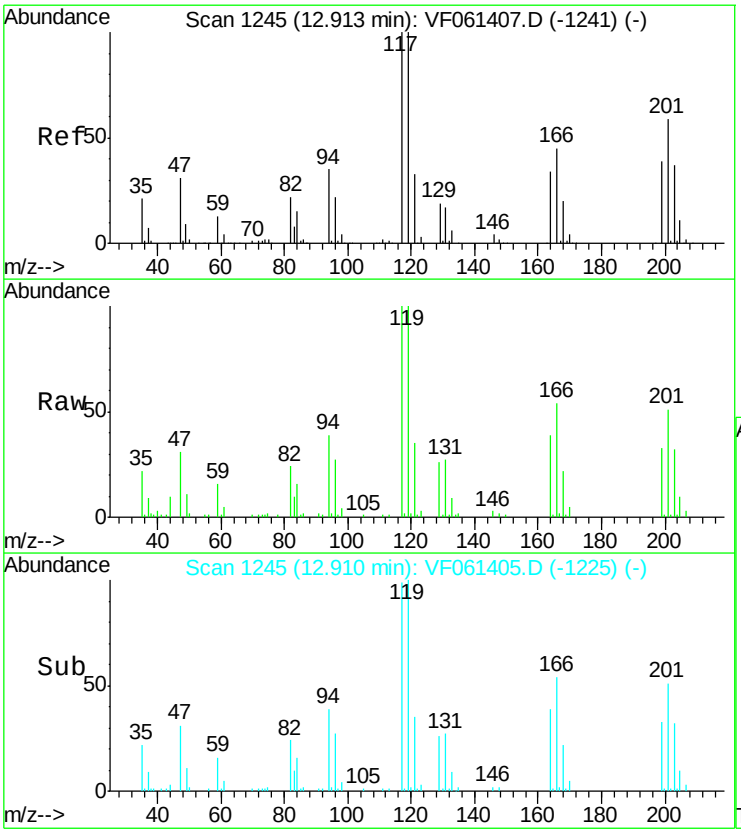
Tgt Ion: 91 Resp: 129263

Ion	Ratio	Lower	Upper
91	100		
92	60.7	31.6	94.7
134	24.1	13.6	40.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

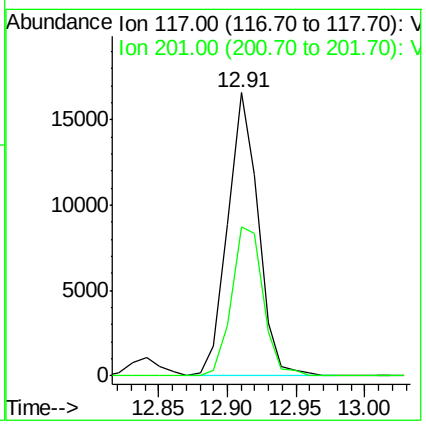


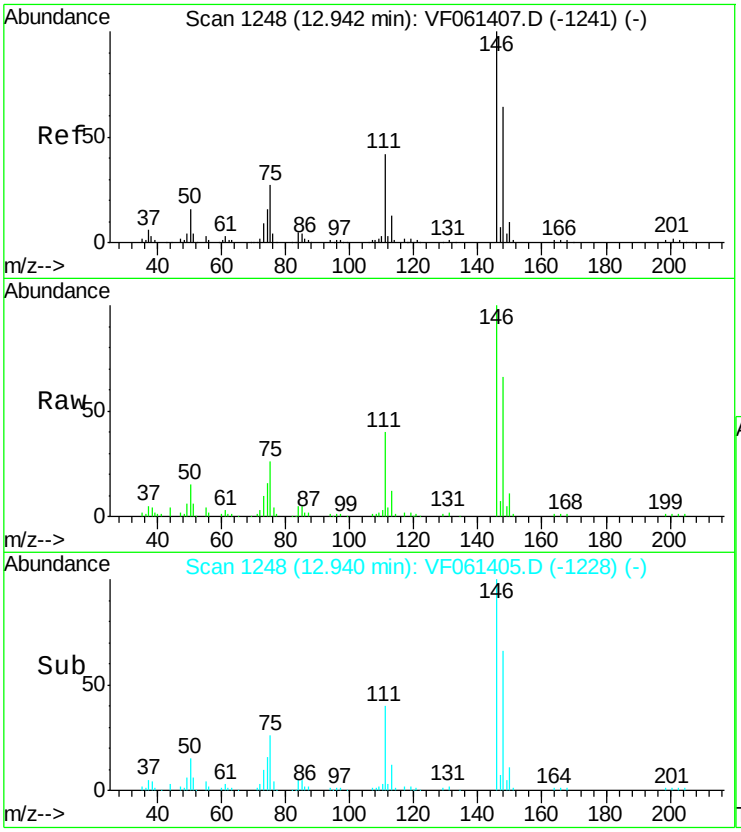


#90
Hexachloroethane
Concen: 9.254 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:117 Resp: 25560

Ion	Ratio	Lower	Upper
117	100		
201	52.6	29.3	87.8

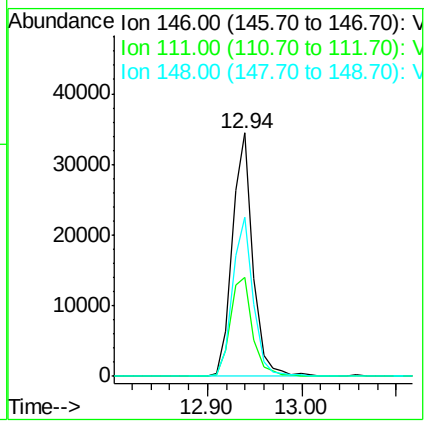




#91
1,2-Dichlorobenzene
Concen: 9.942 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

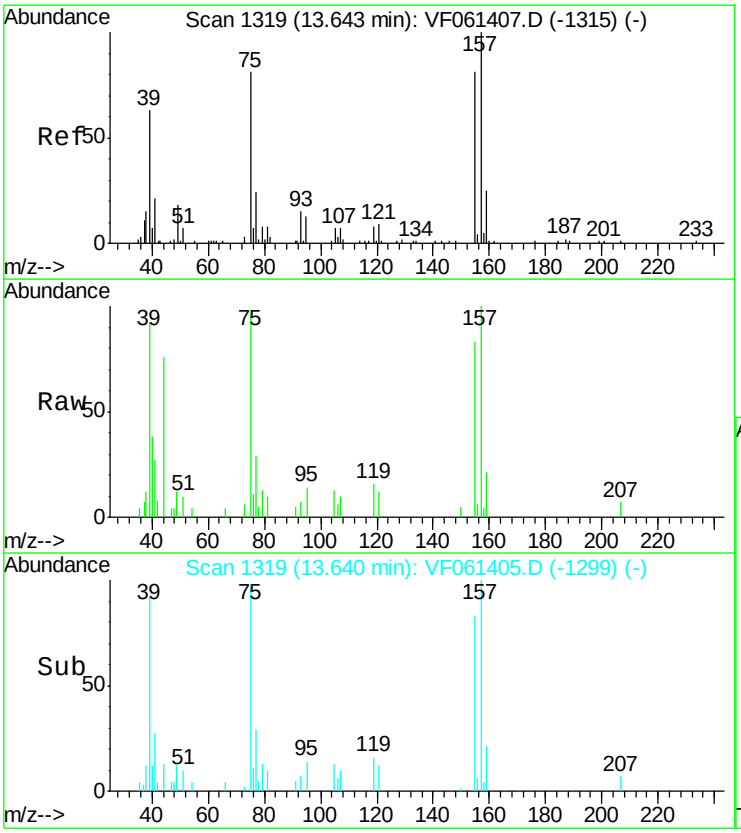
Tgt Ion:146 Resp: 51758

Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.3
148	65.6	31.9	95.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

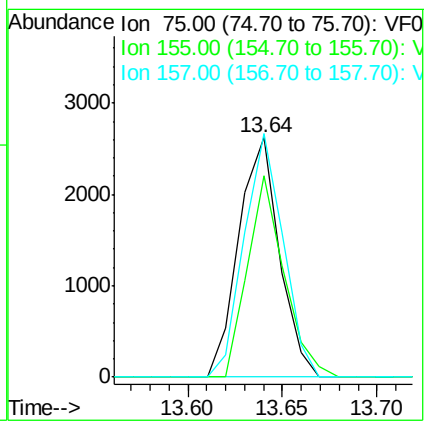
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

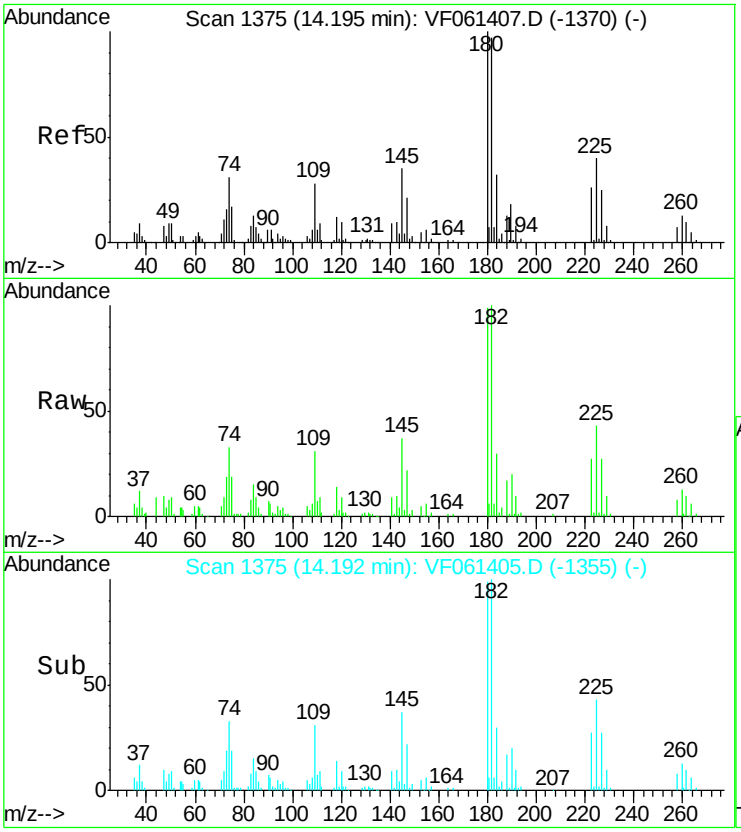


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.944 ug/l
RT: 13.64 min Scan# 1319
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion: 75 Resp: 3903

Ion	Ratio	Lower	Upper
75	100		
155	84.1	49.7	149.1
157	101.6	61.4	184.1

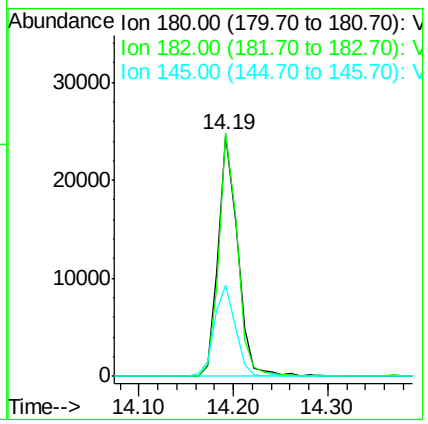




#93
1,2,4-Trichlorobenzene
Concen: 9.665 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

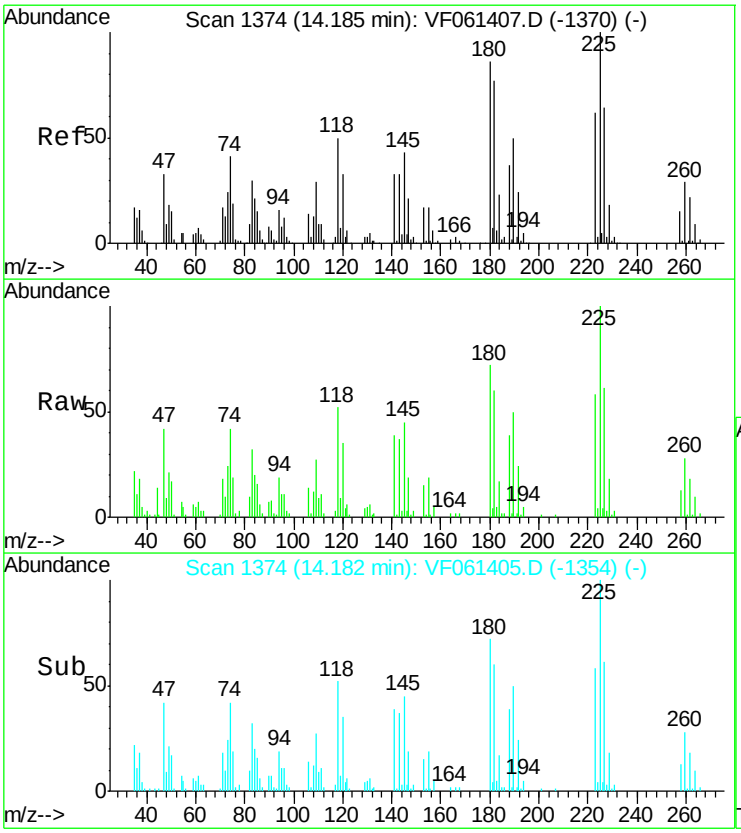
Tgt Ion:180 Resp: 35116

Ion	Ratio	Lower	Upper
180	100		
182	101.0	48.5	145.6
145	37.6	17.5	52.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

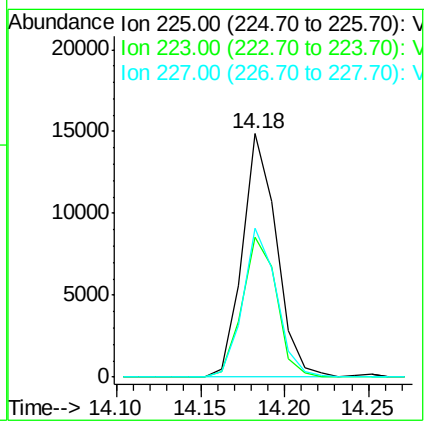
Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM

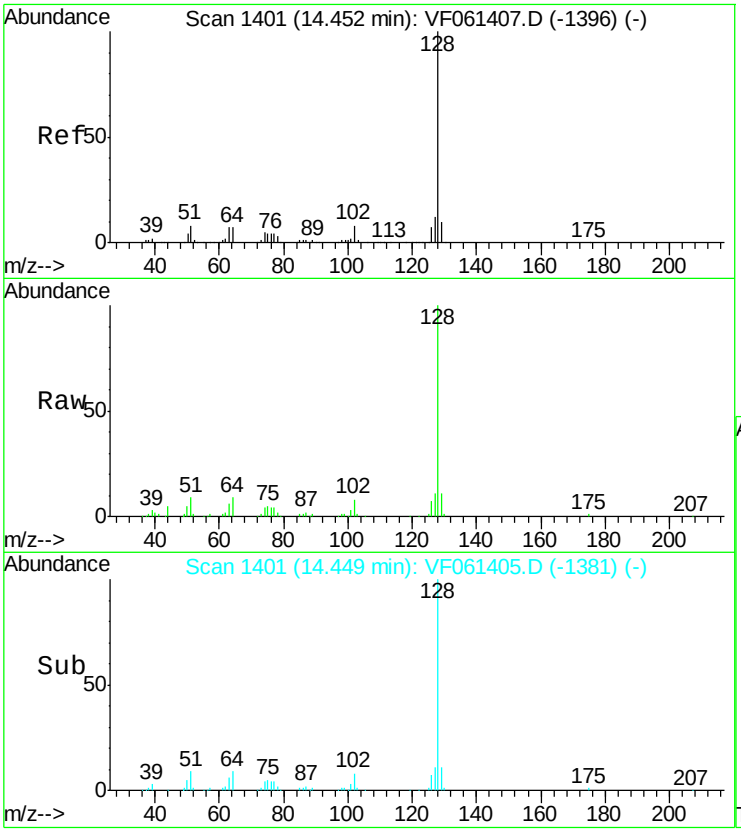


#94
Hexachlorobutadiene
Concen: 9.522 ug/l
RT: 14.18 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:225 Resp: 20948

Ion	Ratio	Lower	Upper
225	100		
223	57.6	31.1	93.2
227	61.4	32.2	96.6

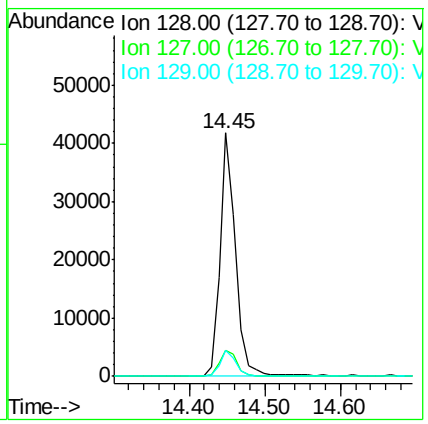




#95
Naphthalene
Concen: 9.352 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

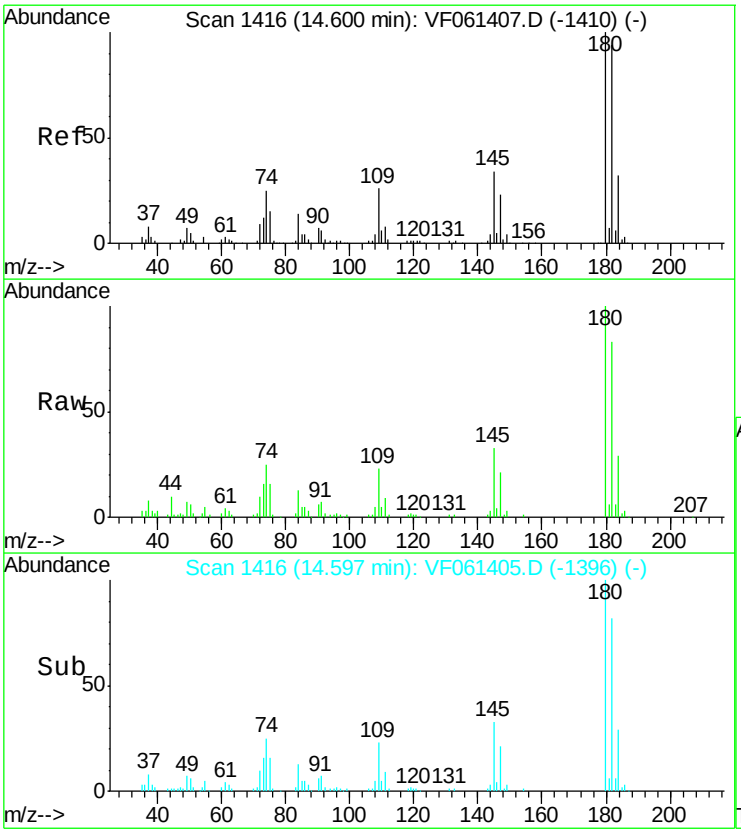
Tgt Ion:128 Resp: 60479

Ion	Ratio	Lower	Upper
128	100		
127	10.9	9.5	14.3
129	10.7	8.4	12.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
apatel
1/16/2019 4:05:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.430 ug/l
RT: 14.60 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF061405.D
Acq: 15 Jan 2019 14:30

Tgt Ion:180 Resp: 30775

Ion	Ratio	Lower	Upper
180	100		
182	82.8	47.0	141.2
145	32.6	17.1	51.2