Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
Data File : VF061244.D
Acq On : 28 Dec 2018 19:10
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 29 03:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.89	168	241398	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	5.62	114	384086	50.00	ug/l		0.03
63) Chlorobenzene-d5	9.79	117	360580	50.00	ug/l		0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	164366	50.00	ug/l		0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.87	65	133476	42.99	ug/l		0.03
Spiked Amount 50.000			Recovery = 85.98%				
35) Dibromofluoromethane	4.13	113	149711	48.66	ug/l		0.02
Spiked Amount 50.000			Recovery = 97.32%				
50) Toluene-d8	7.57	98	440154	50.48	ug/l		0.02
Spiked Amount 50.000			Recovery = 100.96%				
62) 4-Bromofluorobenzene	11.42	95	190617	47.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.97	85	202303	37.700	ug/l		99
3) Chloromethane	1.11	50	154388	50.227	ug/l		97
4) Vinyl Chloride	1.15	62	136665	47.928	ug/l		89
5) Bromomethane	1.36	94	94639	47.851	ug/l		99
6) Chloroethane	1.40	64	64043	48.743	ug/l		88
7) Trichlorofluoromethane	1.49	101	213703m	39.251	ug/l		
8) Diethyl Ether	1.64	74	37597	50.428	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	1.85	101	119873	42.464	ug/l		93
10) Methyl Iodide	1.92	142	203430m	45.717	ug/l		
11) Tert butyl alcohol	2.59	59	26556	211.955	ug/l		94
12) 1,1-Dichloroethene	1.81	96	97660	45.895	ug/l		88
13) Acrolein	2.01	56	32969	364.159	ug/l		95
14) Allyl chloride	2.11	41	107574	48.578	ug/l		87
15) Acrylonitrile	2.96	53	80405	277.525	ug/l		96
16) Acetone	2.25	43	103092	166.095	ug/l	#	86
17) Carbon Disulfide	1.85	76	279544m	43.471	ug/l		
18) Methyl Acetate	2.36	43	59543	46.368	ug/l		99
19) Methyl tert-butyl Ether	2.44	73	199790	42.299	ug/l		95
20) Methylene Chloride	2.27	84	95429m	47.927	ug/l		
21) trans-1,2-Dichloroethene	2.32	96	98904m	43.457	ug/l		
22) Diisopropyl ether	2.82	45	376528	51.045	ug/l		92
23) Vinyl Acetate	3.20	43	833044	244.805	ug/l		98
24) 1,1-Dichloroethane	2.89	63	217103	49.675	ug/l		96
25) 2-Butanone	4.36	43	234520	232.976	ug/l		99
26) 2,2-Dichloropropane	3.62	77	111792	44.572	ug/l		92
27) cis-1,2-Dichloroethene	3.49	96	172101	49.394	ug/l		90
28) Bromochloromethane	3.73	49	116389	52.485	ug/l		87
29) Tetrahydrofuran	4.09	42	101847	248.584	ug/l		97
30) Chloroform	3.88	83	287115	43.813	ug/l		99
31) Cyclohexane	3.71	56	231533m	51.054	ug/l		
32) 1,1,1-Trichloroethane	4.12	97	155525	39.595	ug/l		92
36) 1,1-Dichloropropene	4.30	75	224093	48.336	ug/l		98
37) Ethyl Acetate	4.14	43	94789	53.161	ug/l	#	84
38) Carbon Tetrachloride	4.01	117	154916	43.878	ug/l		90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061244.D
Acq On : 28 Dec 2018 19:10
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 29 03:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	5.47	83	203201	48.855 ug/l		99
40) Benzene	4.65	78	514688	51.623 ug/l		96
41) Methacrylonitrile	4.77	41	49300	50.352 ug/l		95
42) 1,2-Dichloroethane	4.96	62	168218	44.414 ug/l		100
43) Isopropyl Acetate	6.98	43	122637	54.783 ug/l	#	97
44) Trichloroethene	5.52	130	155860	49.584 ug/l		93
45) 1,2-Dichloropropane	6.26	63	142541	52.549 ug/l		99
46) Dibromomethane	6.10	93	86948	49.421 ug/l		95
47) Bromodichloromethane	6.41	83	220720	48.285 ug/l		97
48) Methyl methacrylate	6.73	41	81006	51.835 ug/l		97
49) 1,4-Dioxane	6.73	88	10774	950.137 ug/l	#	75
51) 4-Methyl-2-Pentanone	8.27	43	402359	262.077 ug/l		99
52) Toluene	7.64	92	339354	51.419 ug/l		99
53) t-1,3-Dichloropropene	8.29	75	173696	47.103 ug/l		97
54) cis-1,3-Dichloropropene	7.31	75	236370	51.071 ug/l		98
55) 1,1,2-Trichloroethane	8.51	97	103104	52.112 ug/l		96
56) Ethyl methacrylate	8.64	69	115509	53.954 ug/l		95
57) 1,3-Dichloropropane	8.87	76	185594	51.866 ug/l		100
58) 2-Chloroethyl Vinyl ether	7.31	63	86948	211.464 ug/l	#	90
59) 2-Hexanone	9.50	43	286244	257.815 ug/l		99
60) Dibromochloromethane	8.74	129	137282	48.405 ug/l		96
61) 1,2-Dibromoethane	9.00	107	109733	51.932 ug/l		98
64) Tetrachloroethene	8.17	164	135877	48.986 ug/l		97
65) Chlorobenzene	9.81	112	364004	48.866 ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.95	131	142157	46.699 ug/l		98
67) Ethyl Benzene	9.92	91	674334	49.690 ug/l		98
68) m/p-Xylenes	10.15	106	470088	98.429 ug/l		95
69) o-Xylene	10.73	106	260954	49.266 ug/l		89
70) Styrene	10.81	104	356299	55.766 ug/l		96
71) Bromoform	10.79	173	67355	47.825 ug/l		100
73) Isopropylbenzene	11.14	105	719195	50.775 ug/l		100
74) N-amyl acetate	11.38	43	183172	58.248 ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.70	83	123104	52.367 ug/l		96
76) 1,2,3-Trichloropropane	11.80	75	88629	50.661 ug/l		96
77) Bromobenzene	11.51	156	153669	50.398 ug/l		95
78) n-propylbenzene	11.61	91	847636	52.529 ug/l		98
79) 2-Chlorotoluene	11.73	91	487536	50.175 ug/l		99
80) 1,3,5-Trimethylbenzene	11.83	105	564013	48.358 ug/l		98
81) trans-1,4-Dichloro-2-buten	11.88	75	42819m	56.958 ug/l		
82) 4-Chlorotoluene	11.91	91	489876	48.736 ug/l		98
83) tert-Butylbenzene	12.14	119	569985	47.492 ug/l		99
84) 1,2,4-Trimethylbenzene	12.22	105	569917	49.001 ug/l		96
85) sec-Butylbenzene	12.32	105	799020	51.015 ug/l		99
86) p-Isopropyltoluene	12.47	119	632746	48.671 ug/l		99
87) 1,3-Dichlorobenzene	12.48	146	280437	57.124 ug/l		97
88) 1,4-Dichlorobenzene	12.57	146	170093m	30.380 ug/l		
89) n-Butylbenzene	12.86	91	645406	48.892 ug/l		99
90) Hexachloroethane	12.93	117	164522	51.222 ug/l		86
91) 1,2-Dichlorobenzene	12.96	146	269633	49.465 ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.66	75	20821	48.266 ug/l		87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
Data File : VF061244.D
Acq On : 28 Dec 2018 19:10
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 29 03:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	187543	48.513	ug/l	95
94) Hexachlorobutadiene	14.20	225	121510	49.351	ug/l	95
95) Naphthalene	14.47	128	338830	47.999	ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	178780	50.026	ug/l	96

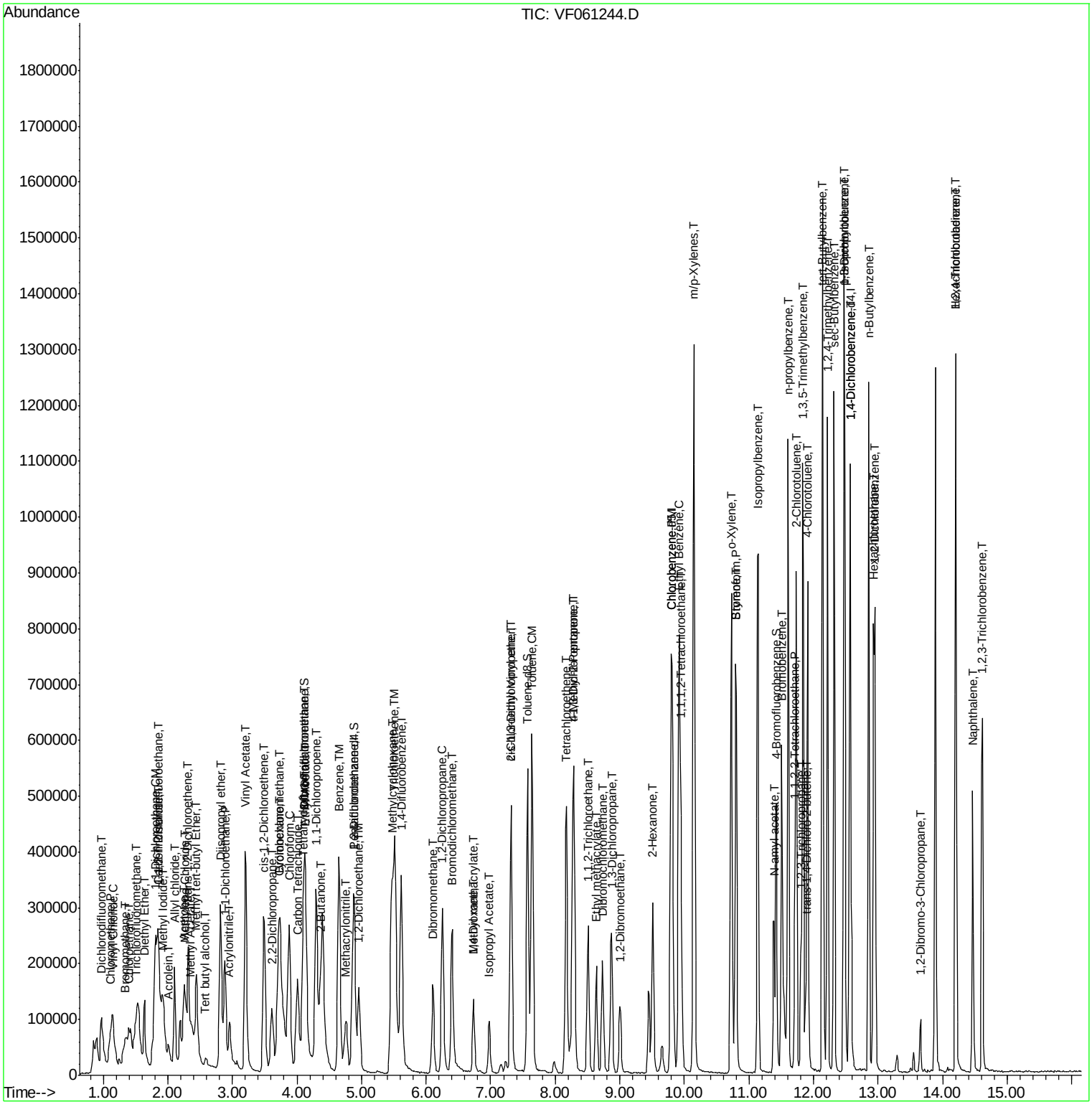
(#) = qualifier out of range (m) = manual integration (+) = signals summed

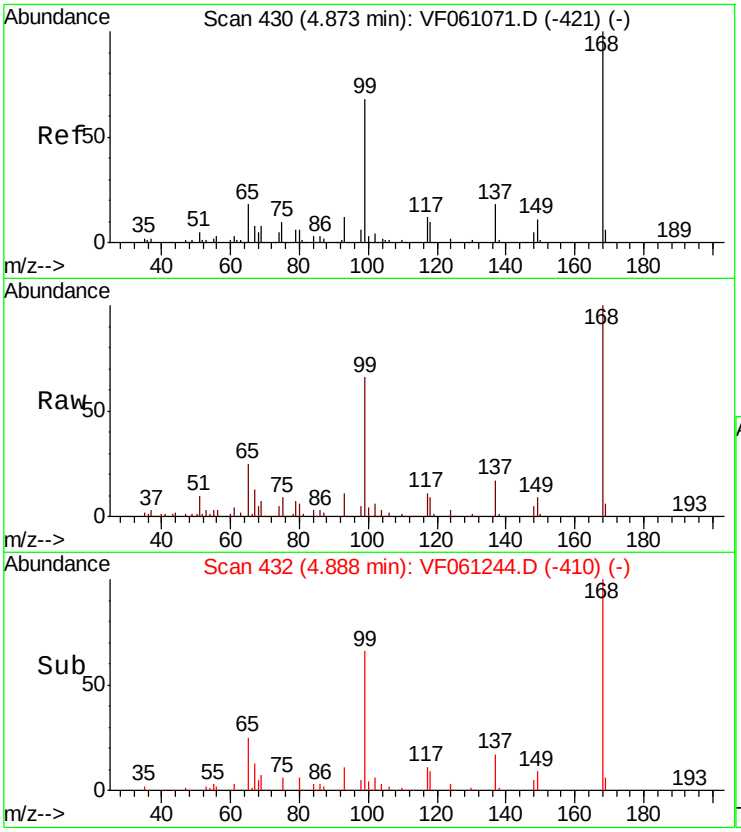
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061244.D
Acq On : 28 Dec 2018 19:10
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 29 03:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

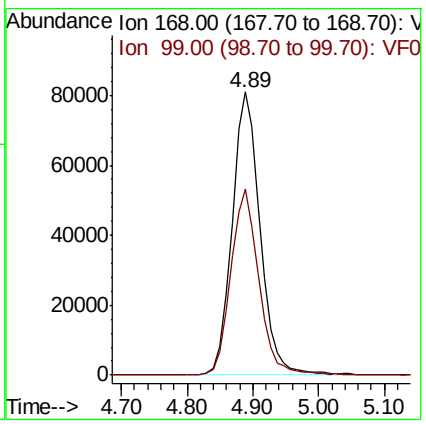




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

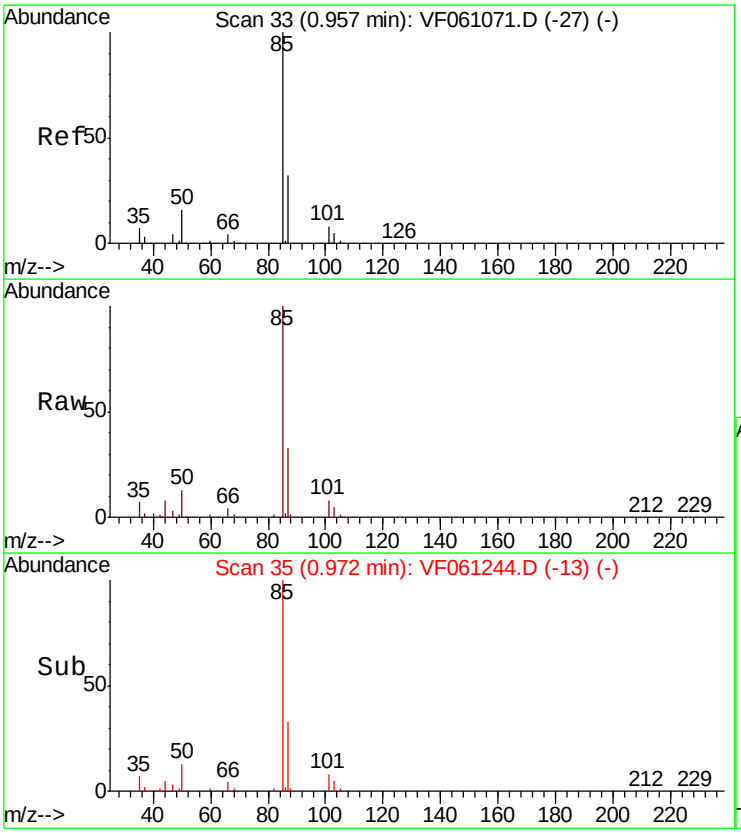
Tgt Ion:168 Resp: 241398

Ion	Ratio	Lower	Upper
168	100		
99	65.6	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

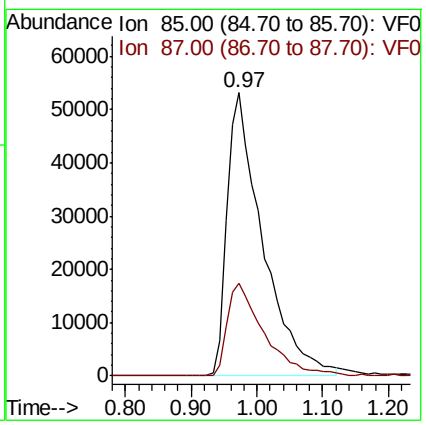
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

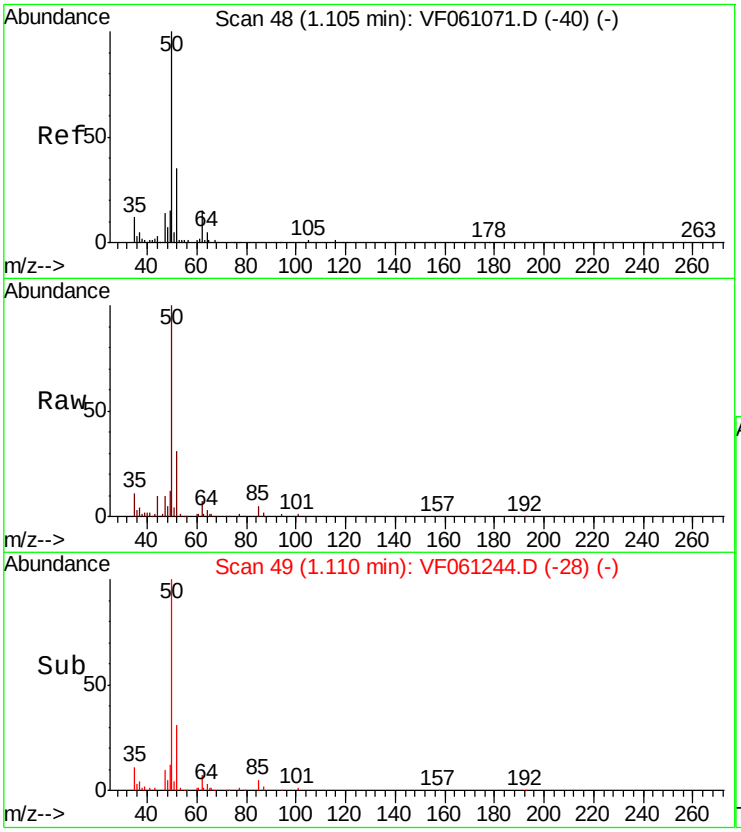


#2
Dichlorodifluoromethane
Concen: 37.700 ug/l
RT: 0.97 min Scan# 35
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 85 Resp: 202303

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.9	47.6

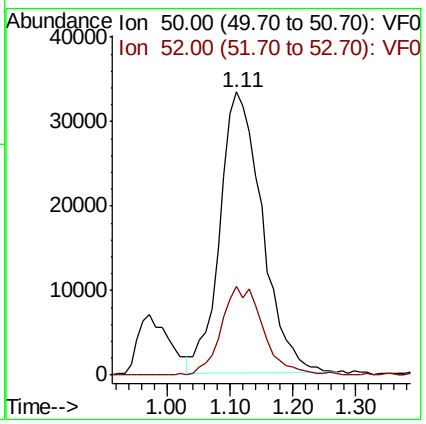




#3
Chloromethane
Concen: 50.227 ug/l
RT: 1.11 min Scan# 49
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

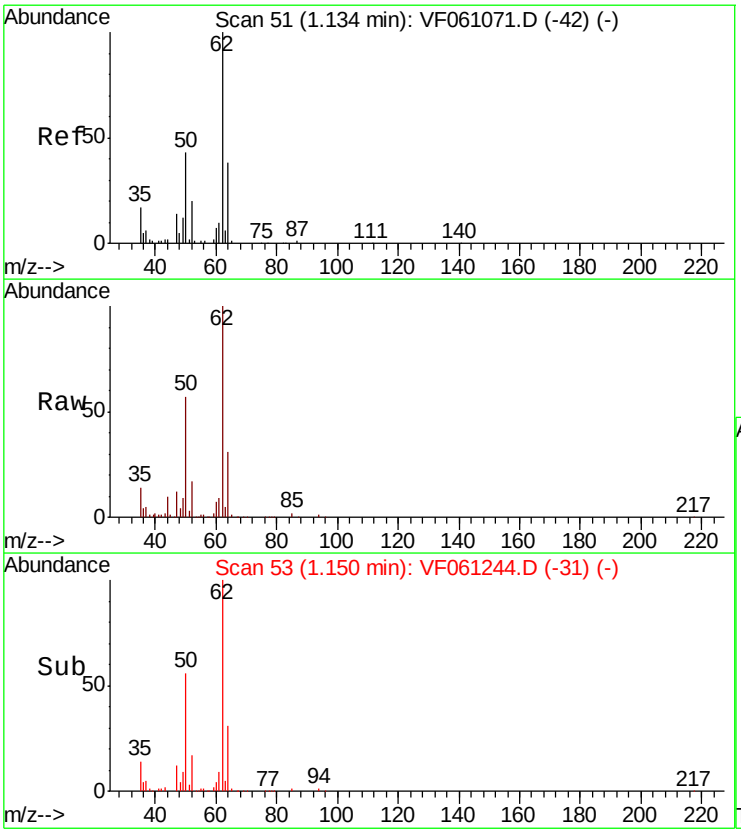
Tgt Ion: 50 Resp: 154388

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.3	39.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

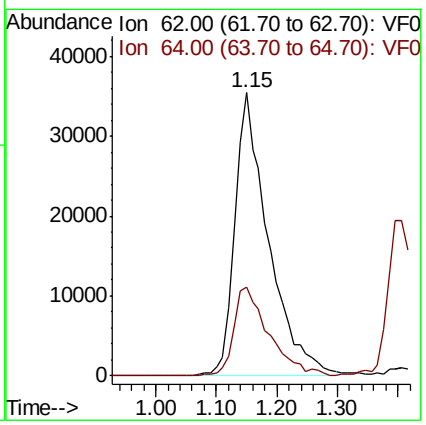
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

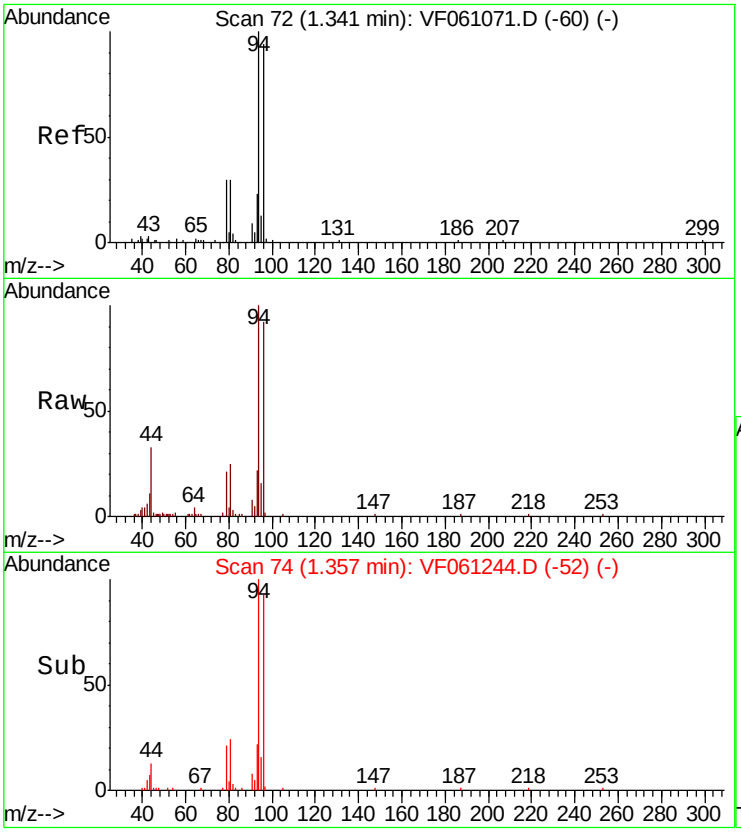


#4
Vinyl Chloride
Concen: 47.928 ug/l
RT: 1.15 min Scan# 53
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 62 Resp: 136665

Ion	Ratio	Lower	Upper
62	100		
64	31.4	30.4	45.6

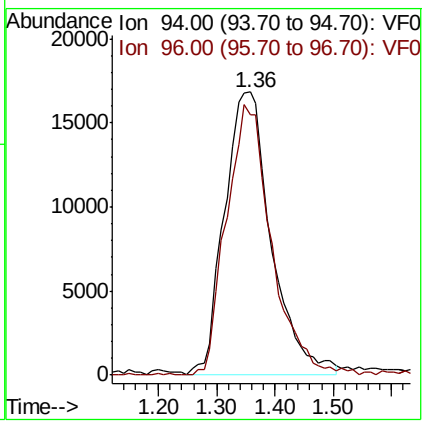




#5
Bromomethane
Concen: 47.851 ug/l
RT: 1.36 min Scan# 74
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

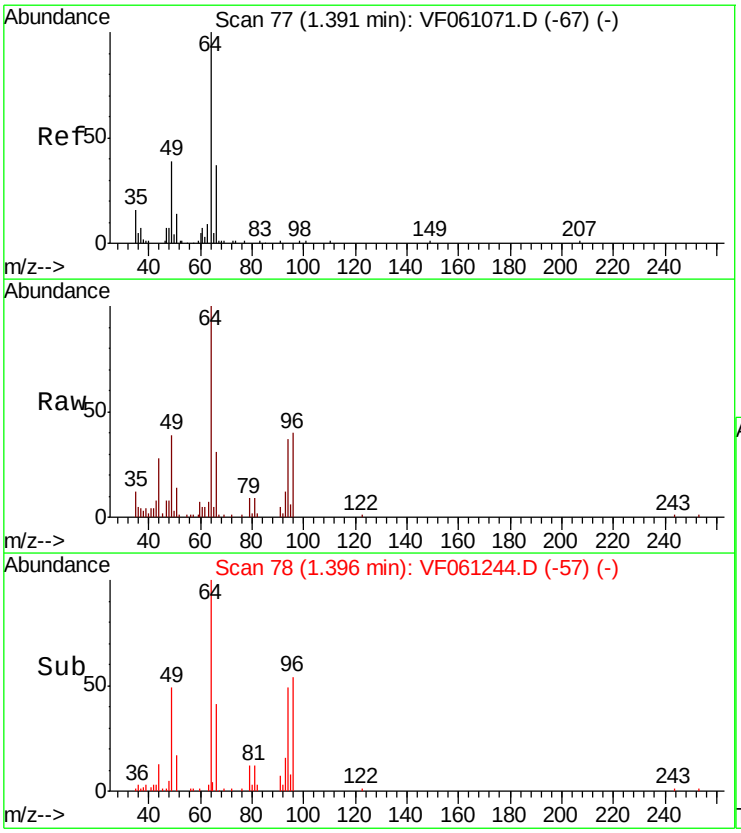
Tgt Ion: 94 Resp: 94639

Ion	Ratio	Lower	Upper
94	100		
96	91.9	74.4	111.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

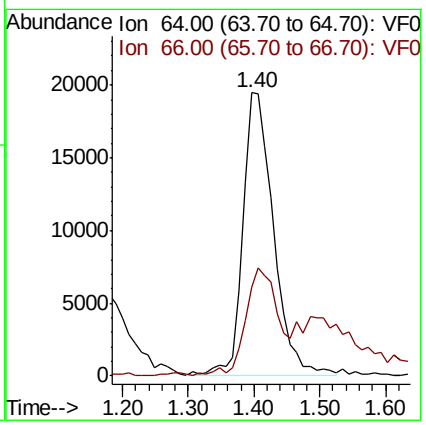
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

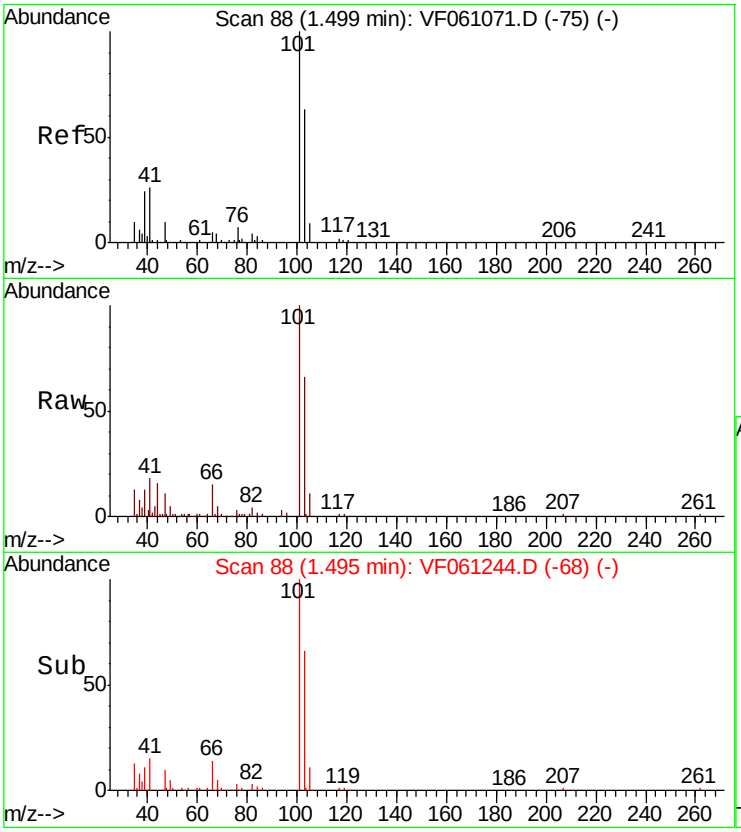


#6
Chloroethane
Concen: 48.743 ug/l
RT: 1.40 min Scan# 78
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 64 Resp: 64043

Ion	Ratio	Lower	Upper
64	100		
66	31.4	30.9	46.3

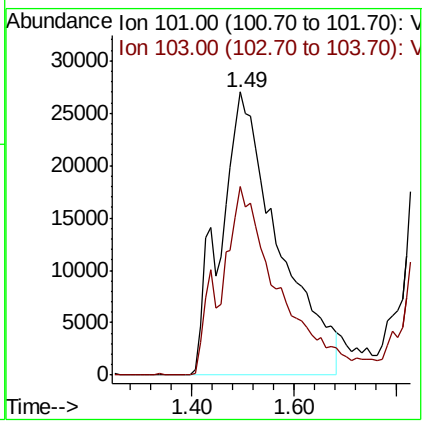




#7
Trichlorofluoromethane
Concen: 39.251 ug/l m
RT: 1.49 min Scan# 88
Delta R.T. -0.00 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

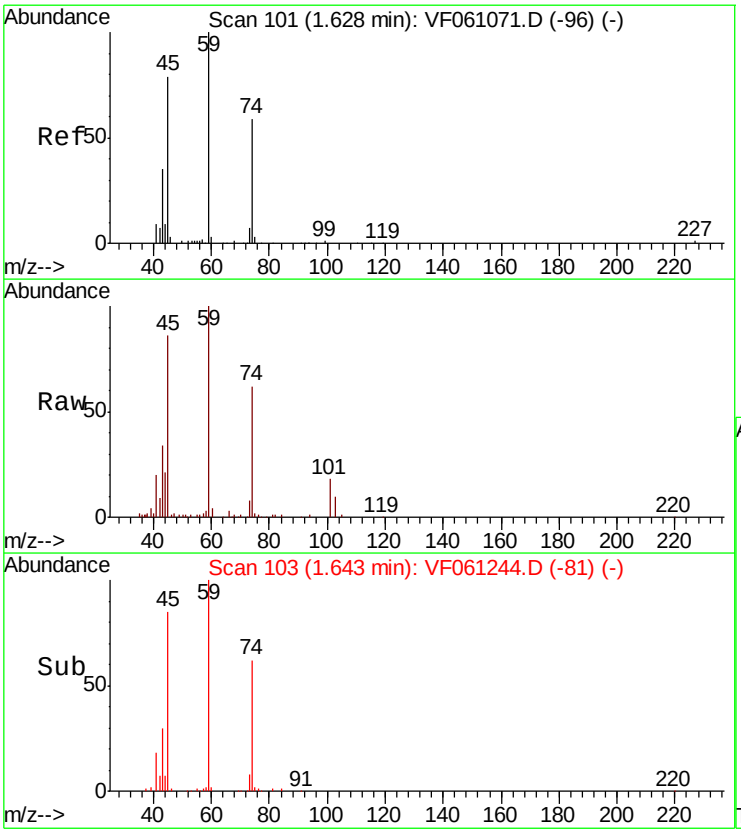
Tgt Ion:101 Resp: 213703

Ion	Ratio	Lower	Upper
101	100		
103	66.5	50.7	76.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

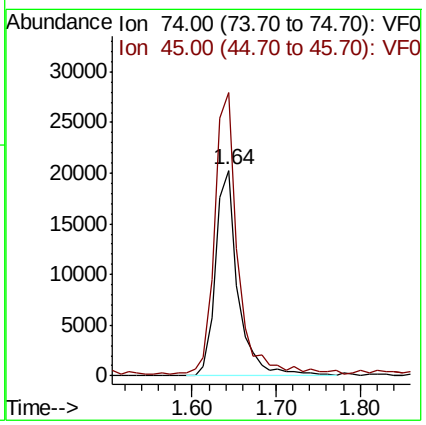
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

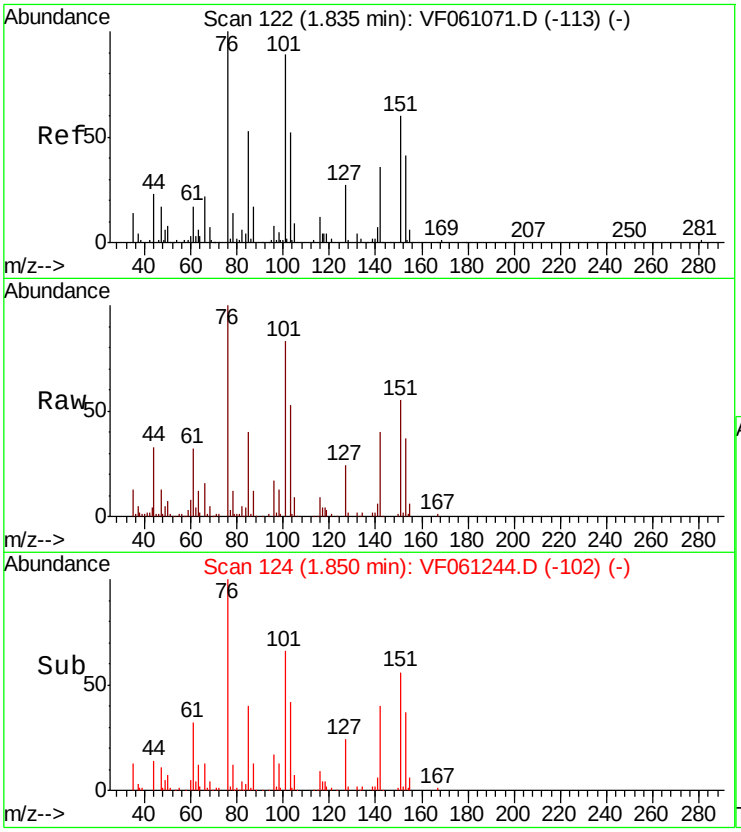


#8
Diethyl Ether
Concen: 50.428 ug/l
RT: 1.64 min Scan# 103
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 74 Resp: 37597

Ion	Ratio	Lower	Upper
74	100		
45	137.8	67.8	203.4





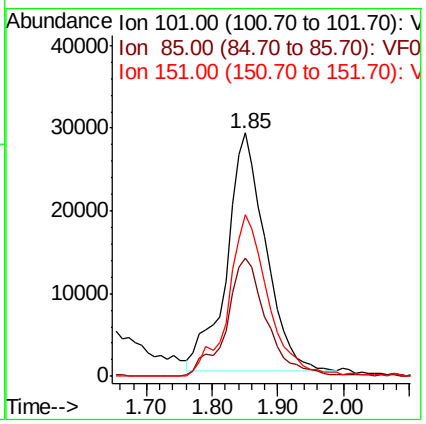
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.464 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

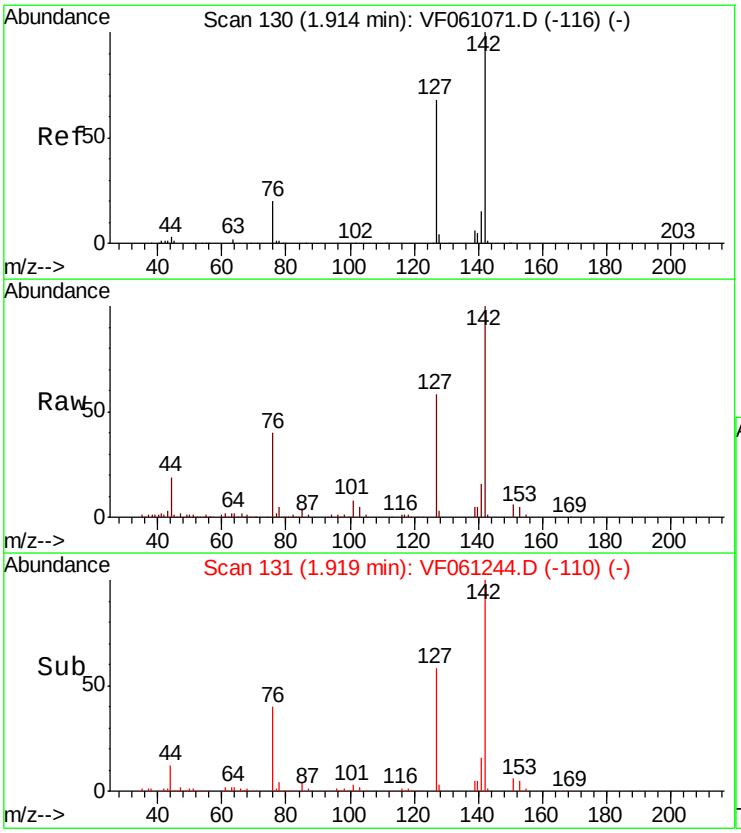
Tgt Ion:101 Resp: 119873

Ion	Ratio	Lower	Upper
101	100		
85	48.5	44.5	66.7
151	66.5	49.9	74.9

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

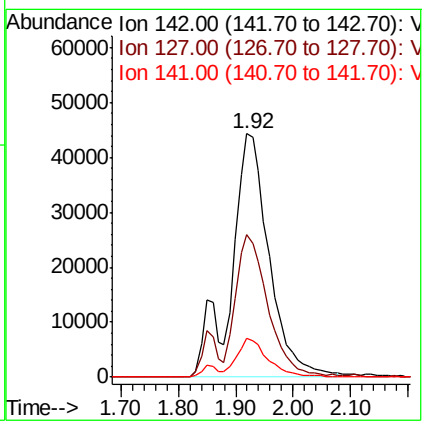


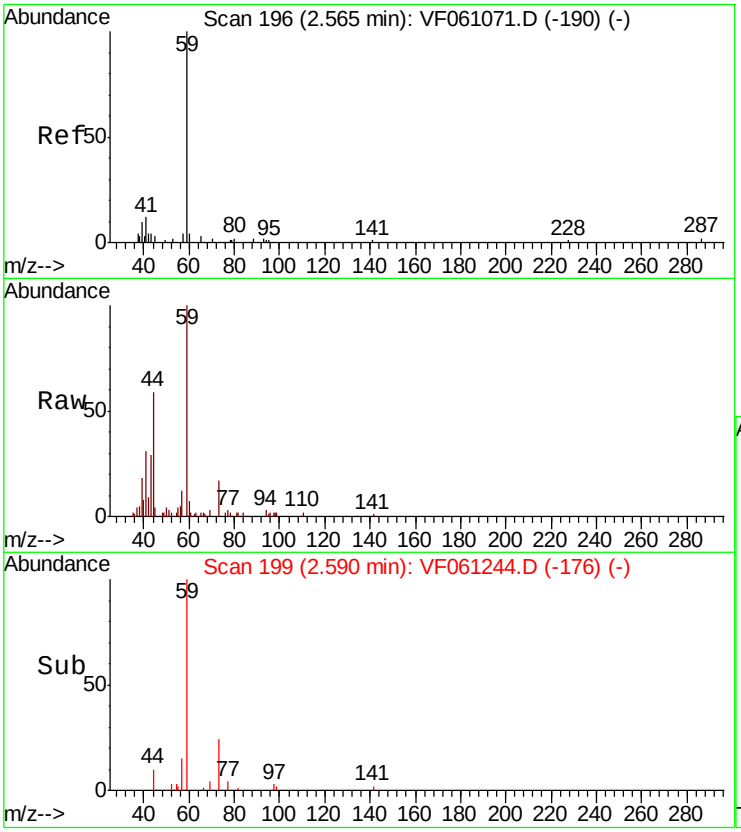


#10
Methyl Iodide
Concen: 45.717 ug/l m
RT: 1.92 min Scan# 131
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:142 Resp: 203430

Ion	Ratio	Lower	Upper
142	100		
127	58.5	54.7	82.1
141	15.7	12.2	18.2

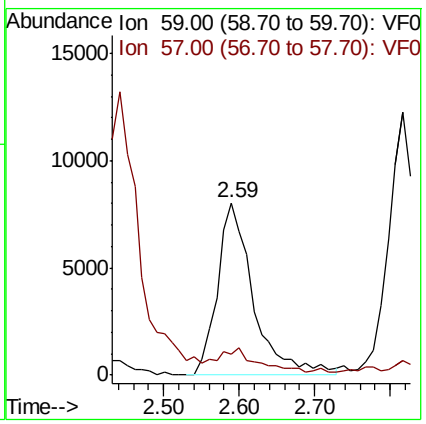




#11
Tert butyl alcohol
Concen: 211.955 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

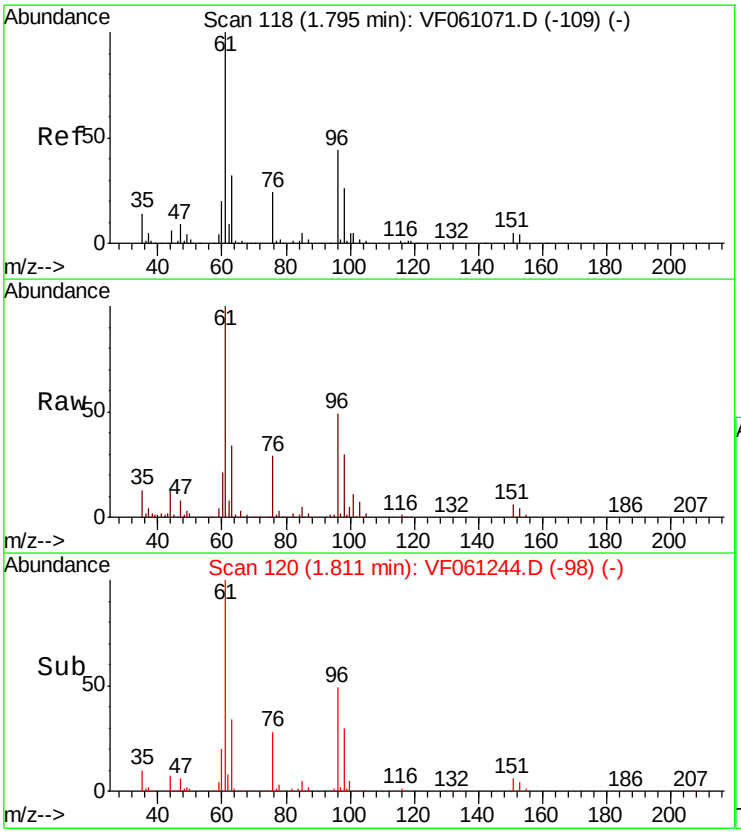
Tgt Ion: 59 Resp: 26556

Ion	Ratio	Lower	Upper
59	100		
57	11.9	11.5	17.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

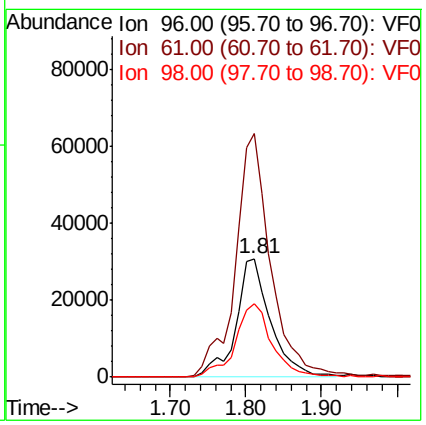
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

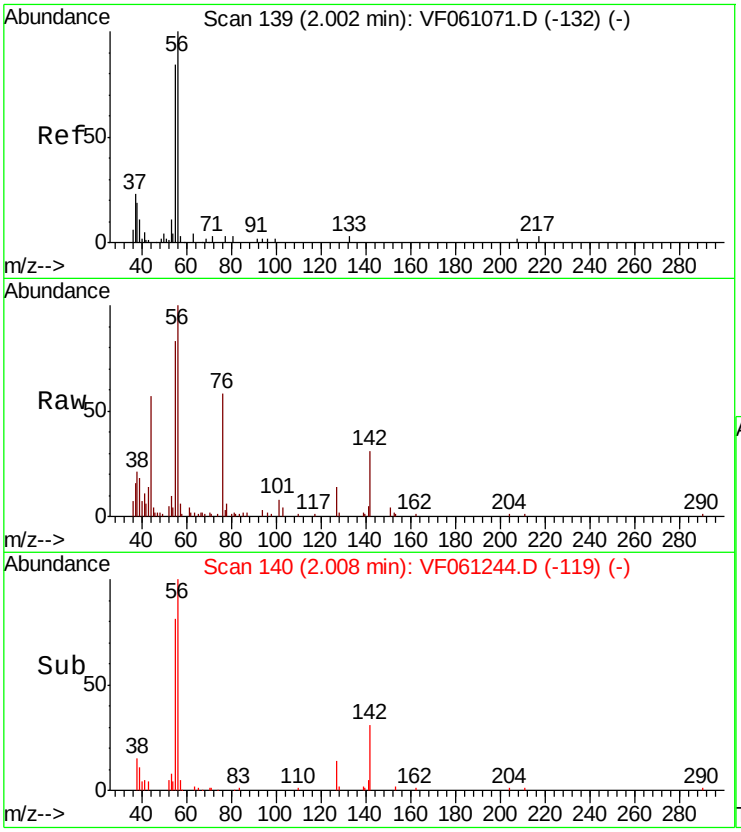


#12
1,1-Dichloroethene
Concen: 45.895 ug/l
RT: 1.81 min Scan# 120
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 96 Resp: 97660

Ion	Ratio	Lower	Upper
96	100		
61	205.3	182.0	273.0
98	62.3	46.5	69.7

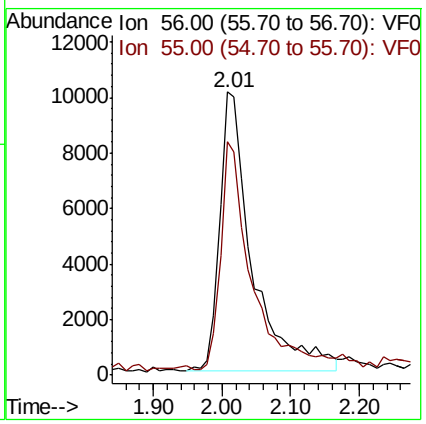




#13
Acrolein
Concen: 364.159 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

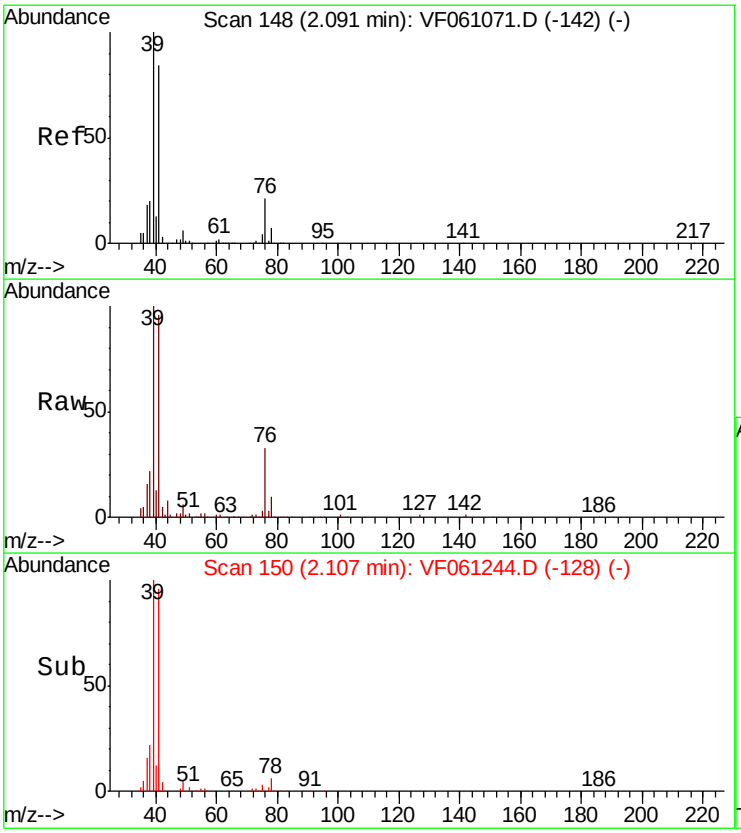
Tgt Ion: 56 Resp: 32969

Ion	Ratio	Lower	Upper
56	100		
55	82.6	70.2	105.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

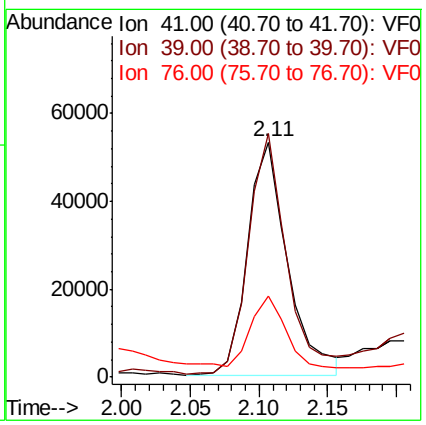
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

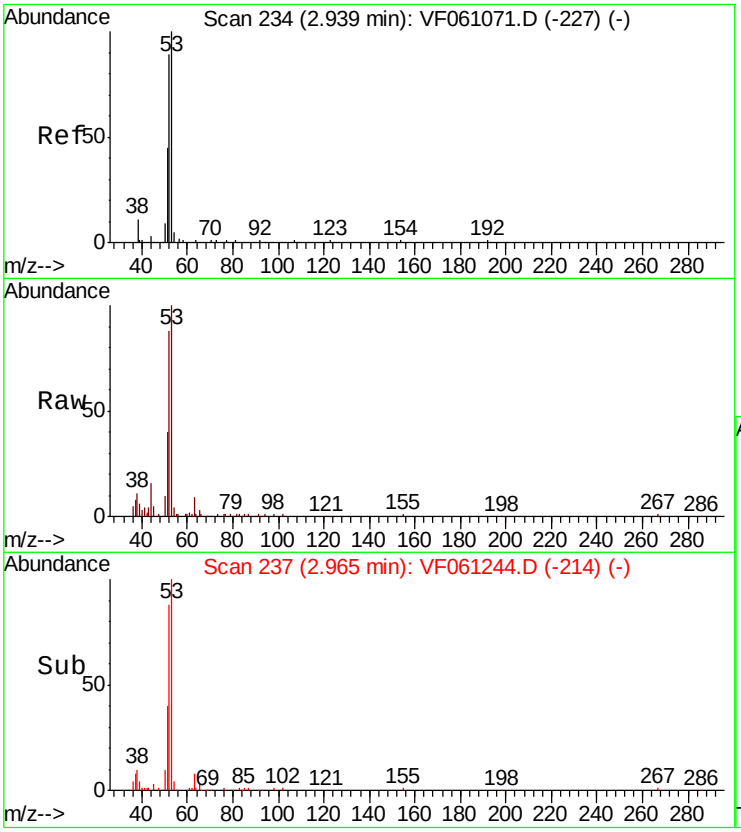


#14
Allyl chloride
Concen: 48.578 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 41 Resp: 107574

Ion	Ratio	Lower	Upper
41	100		
39	103.7	96.4	144.6
76	34.5	25.4	38.0

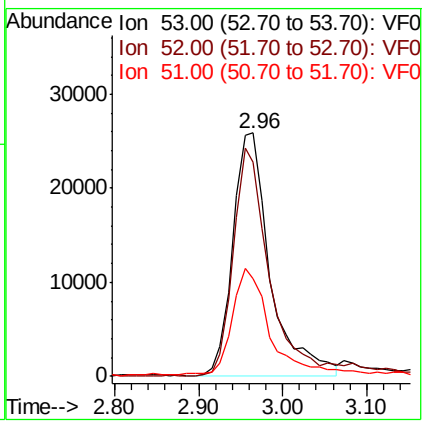




#15
Acrylonitrile
Concen: 277.525 ug/l
RT: 2.96 min Scan# 237
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

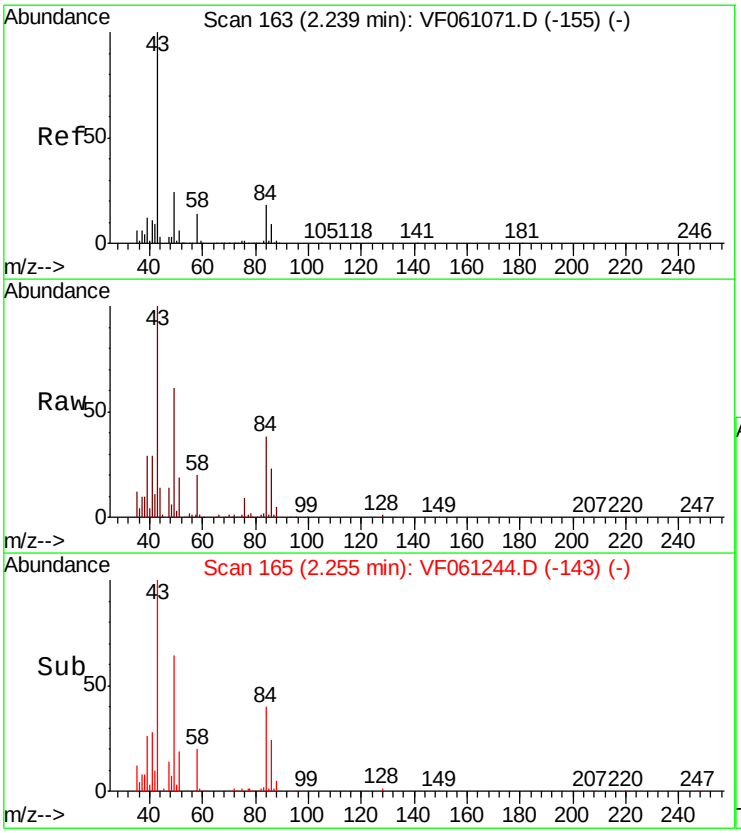
Tgt Ion: 53 Resp: 80405

Ion	Ratio	Lower	Upper
53	100		
52	87.9	71.3	106.9
51	39.9	36.8	55.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

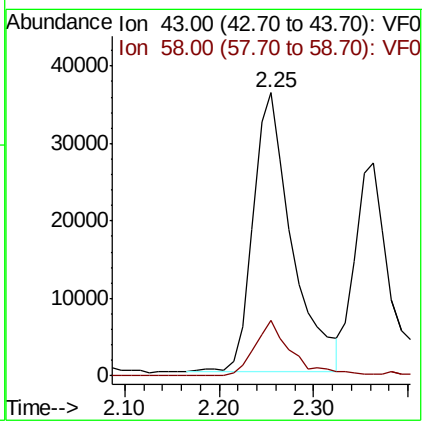
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

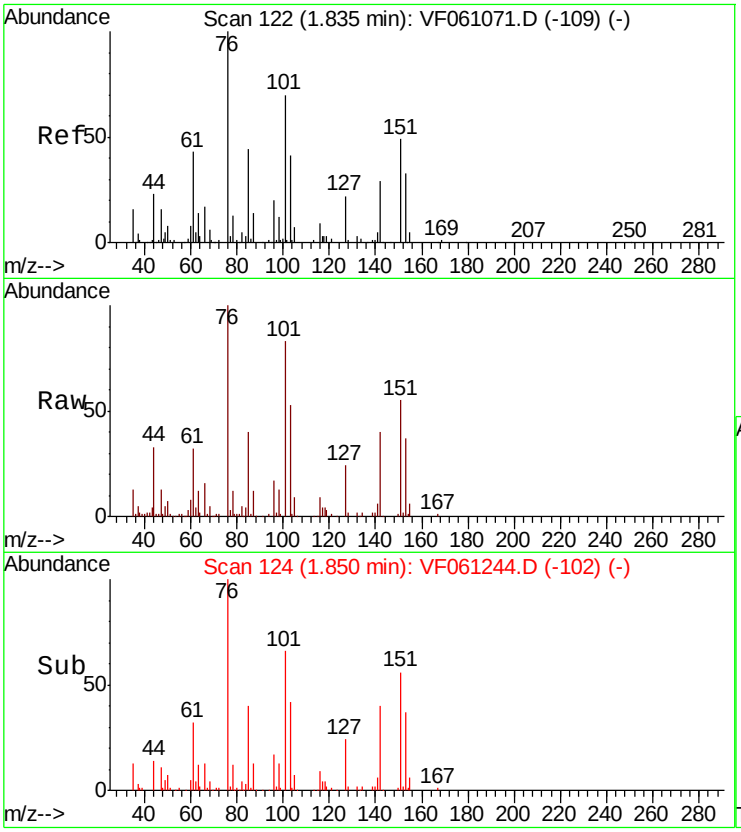


#16
Acetone
Concen: 166.095 ug/l
RT: 2.25 min Scan# 165
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 43 Resp: 103092

Ion	Ratio	Lower	Upper
43	100		
58	19.7	11.1	16.7#

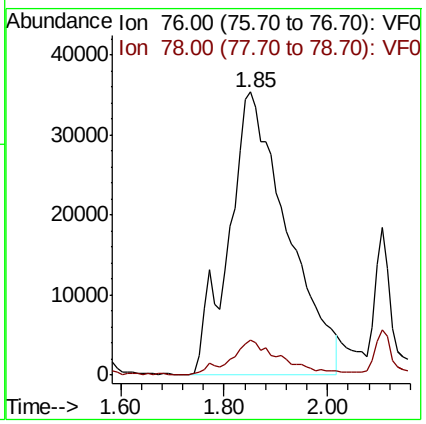




#17
Carbon Disulfide
Concen: 43.471 ug/l m
RT: 1.85 min Scan# 124
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

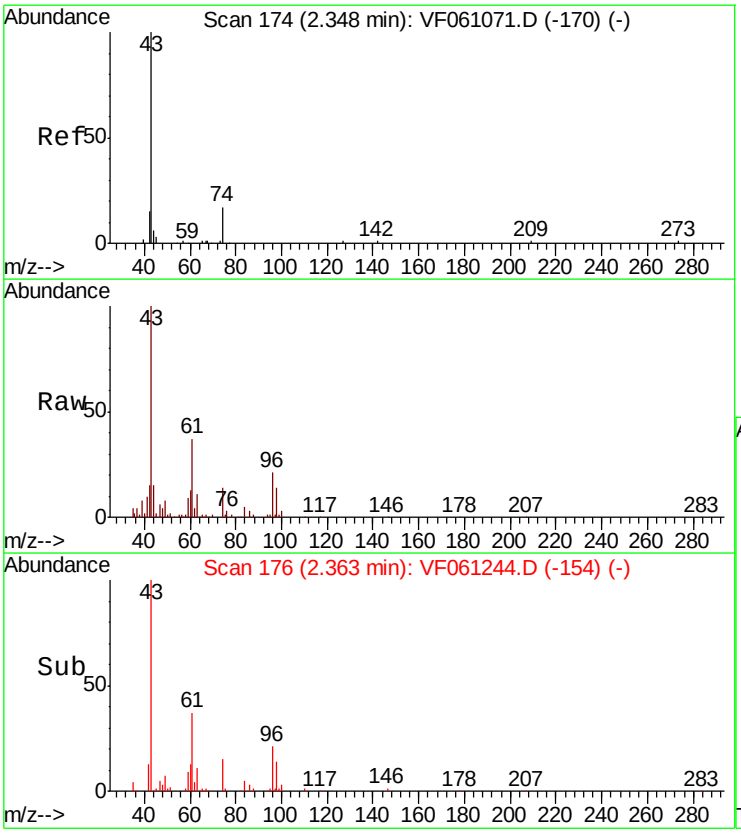
Tgt Ion: 76 Resp: 279544

Ion	Ratio	Lower	Upper
76	100		
78	12.4	10.2	15.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

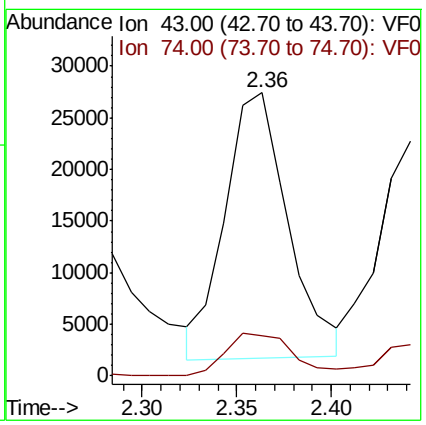
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

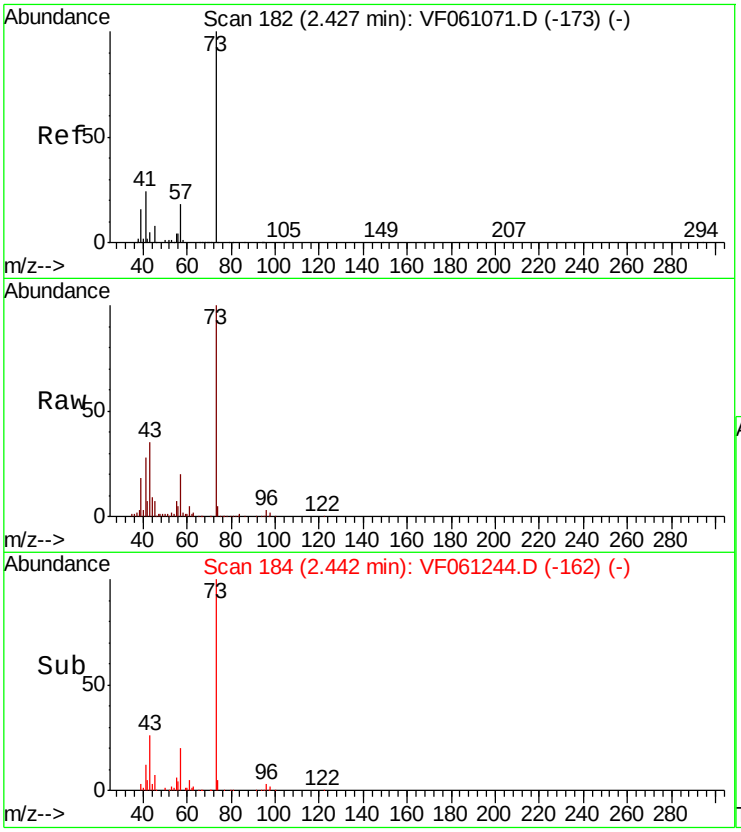


#18
Methyl Acetate
Concen: 46.368 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 43 Resp: 59543

Ion	Ratio	Lower	Upper
43	100		
74	14.3	11.0	16.6





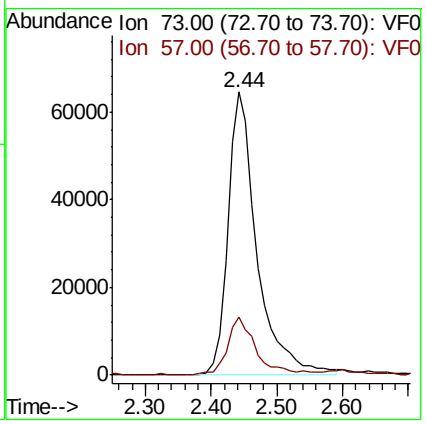
#19
Methyl tert-butyl Ether
Concen: 42.299 ug/l
RT: 2.44 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

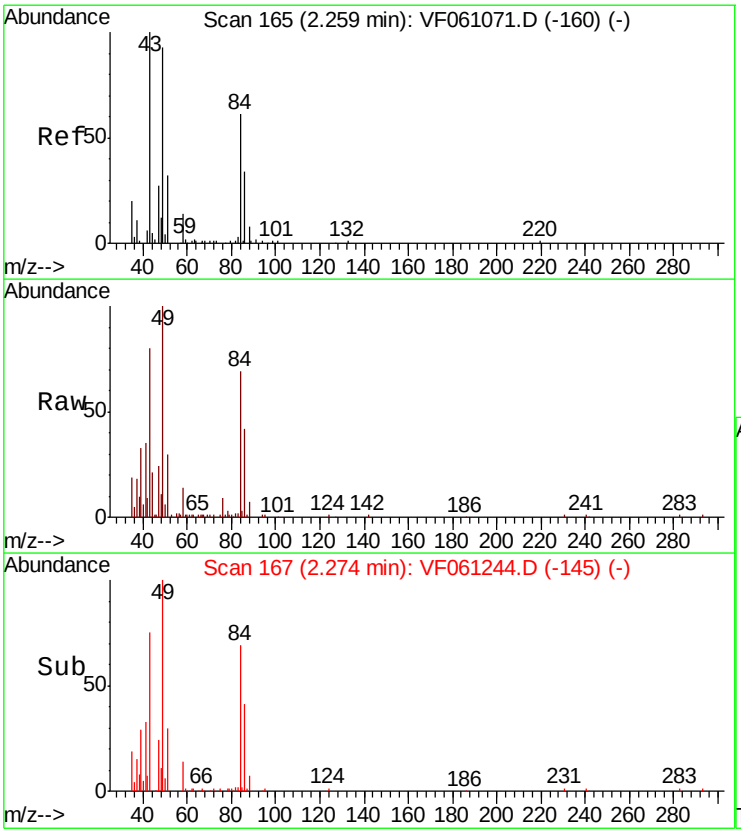
Tgt Ion: 73 Resp: 199790

Ion	Ratio	Lower	Upper
73	100		
57	20.5	14.5	21.7

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

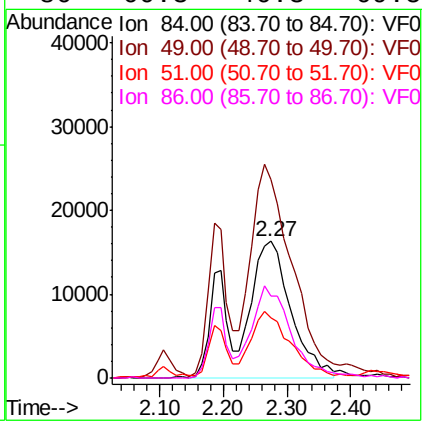


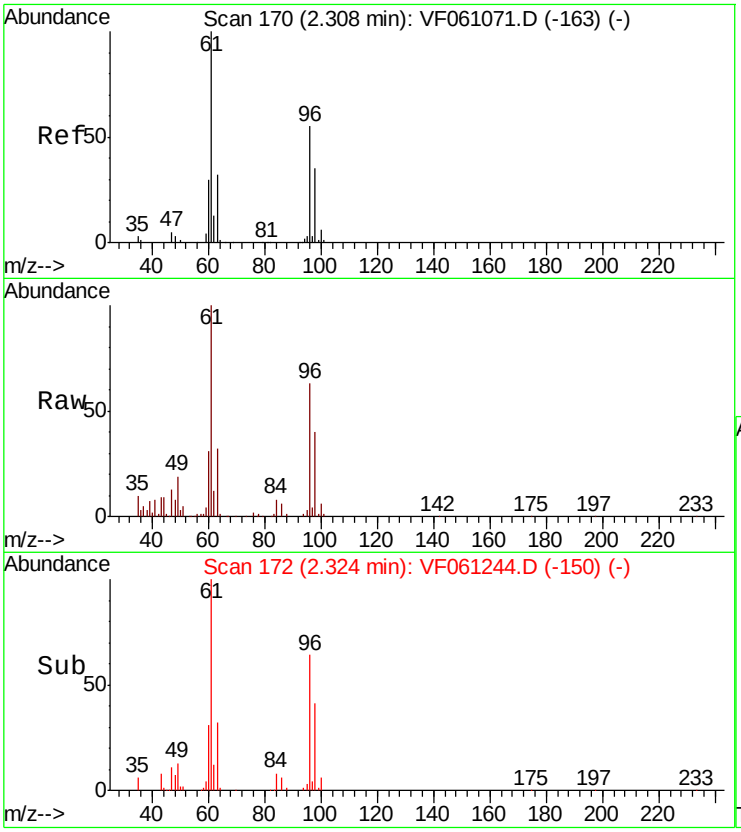


#20
Methylene Chloride
Concen: 47.927 ug/l m
RT: 2.27 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 84 Resp: 95429

Ion	Ratio	Lower	Upper
84	100		
49	145.2	129.4	194.2
51	43.8	44.0	66.0#
86	60.3	46.3	69.5

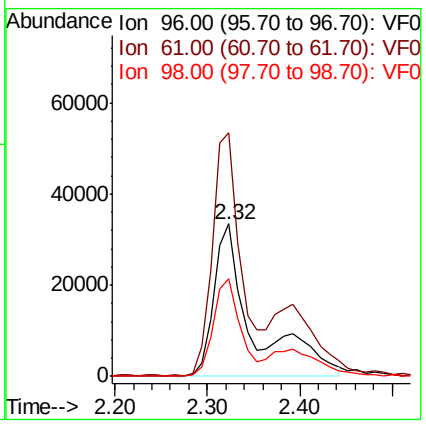




#21
trans-1,2-Dichloroethene
Concen: 43.457 ug/l m
RT: 2.32 min Scan# 172
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

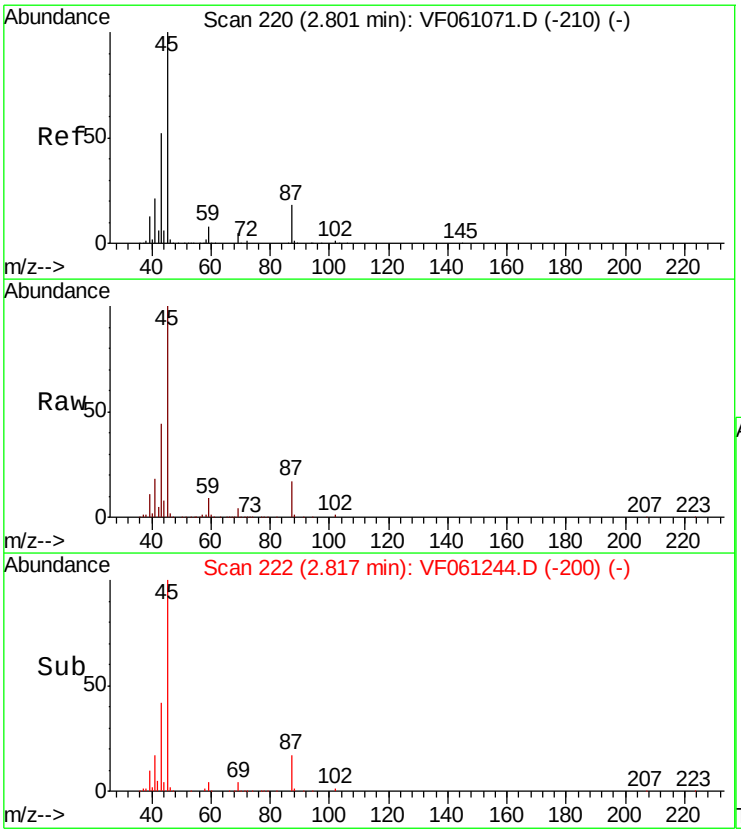
Tgt Ion: 96 Resp: 98904

Ion	Ratio	Lower	Upper
96	100		
61	159.9	146.0	219.0
98	64.6	51.6	77.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

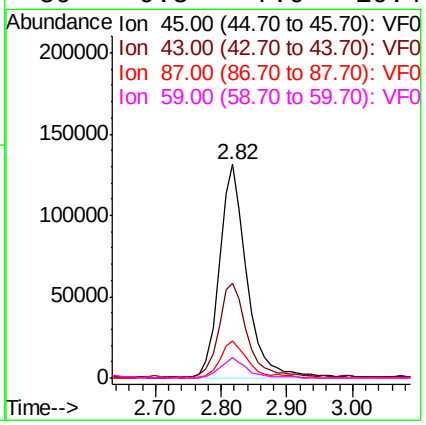
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

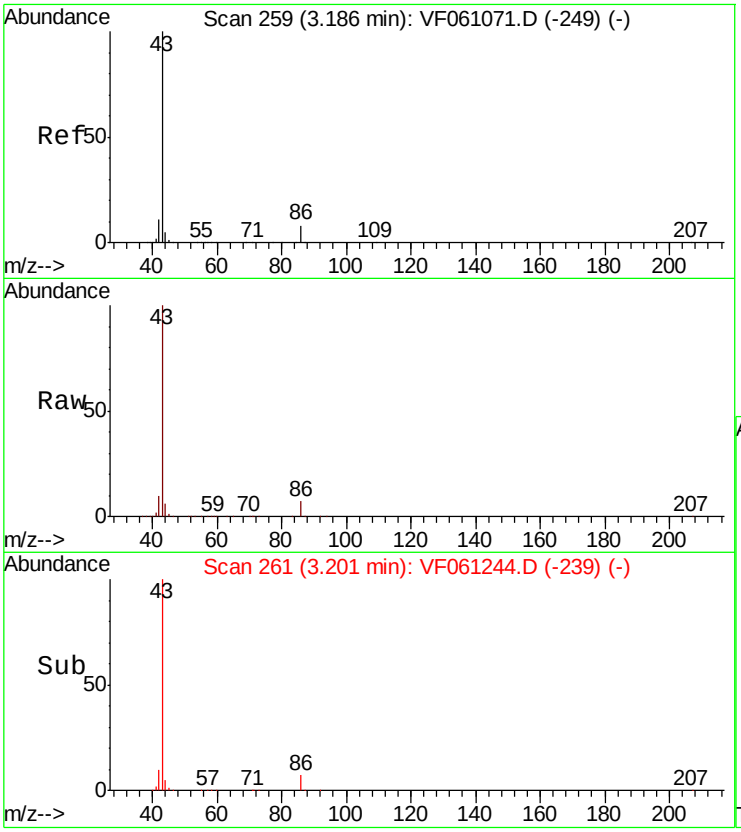


#22
Diisopropyl ether
Concen: 51.045 ug/l
RT: 2.82 min Scan# 222
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 45 Resp: 376528

Ion	Ratio	Lower	Upper
45	100		
43	44.5	42.2	63.2
87	17.1	14.6	22.0
59	9.3	7.0	10.4





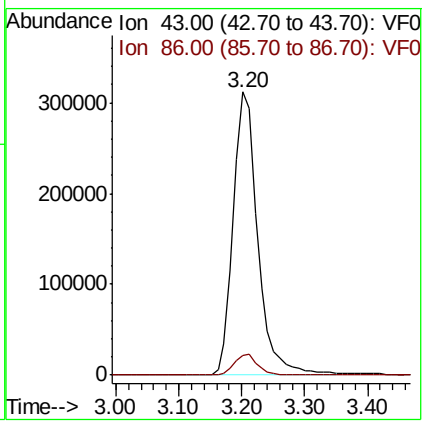
#23
Vinyl Acetate
Concen: 244.805 ug/l
RT: 3.20 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

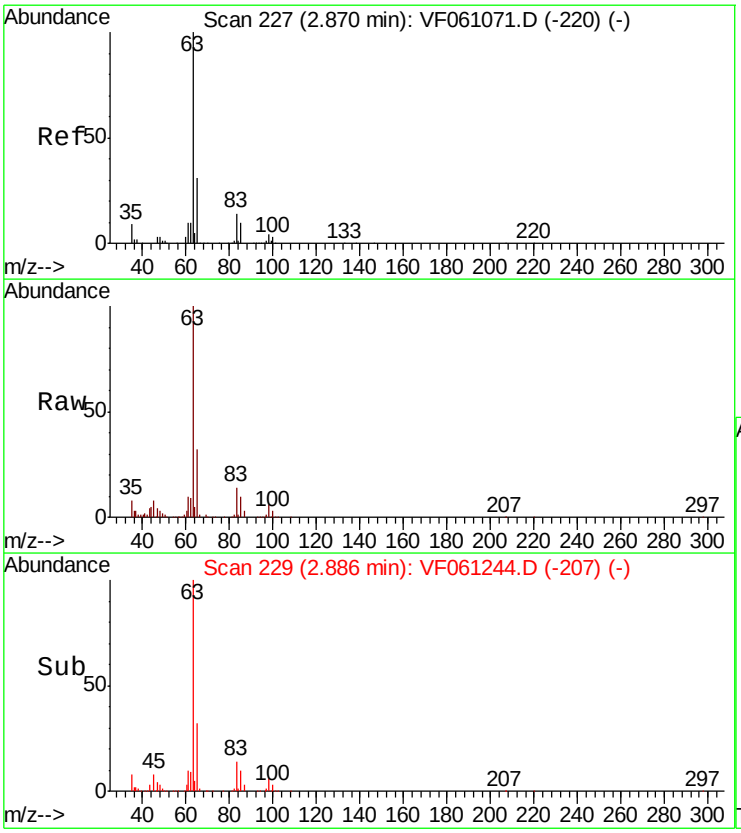
Tgt Ion: 43 Resp: 833044

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.3	9.5

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

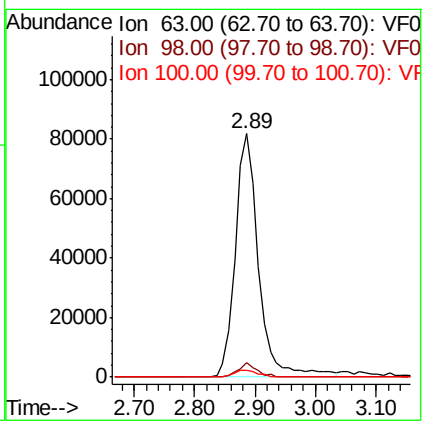


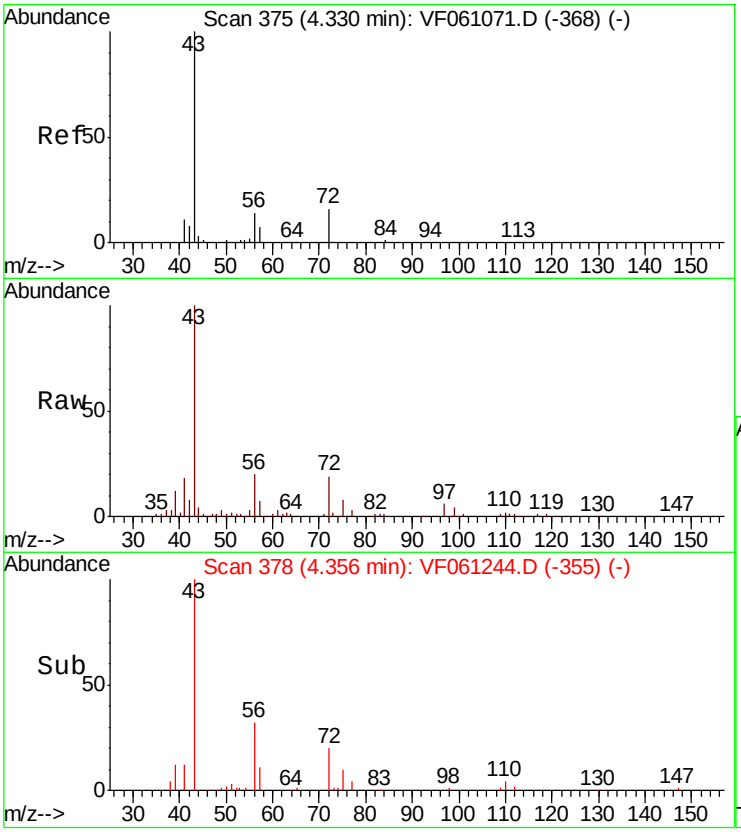


#24
1,1-Dichloroethane
Concen: 49.675 ug/l
RT: 2.89 min Scan# 229
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 63 Resp: 217103

Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.1	6.5
100	2.7	1.7	5.1

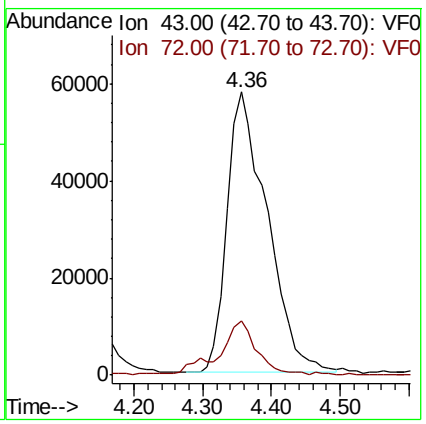




#25
2-Butanone
Concen: 232.976 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

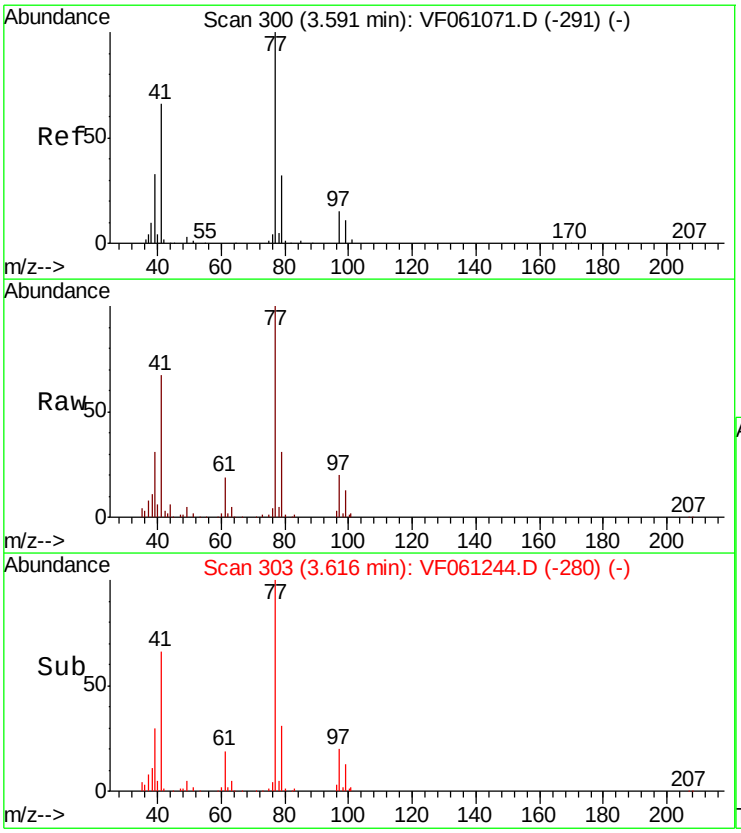
Tgt Ion: 43 Resp: 234520

Ion	Ratio	Lower	Upper
43	100		
72	19.3	15.6	23.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

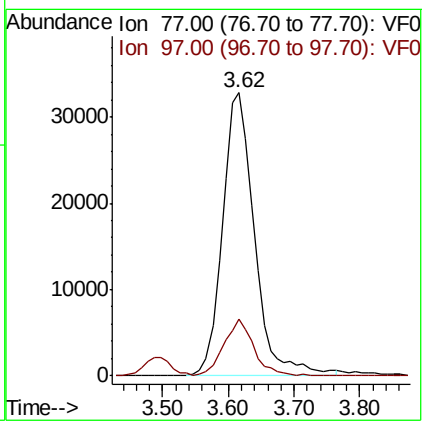
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

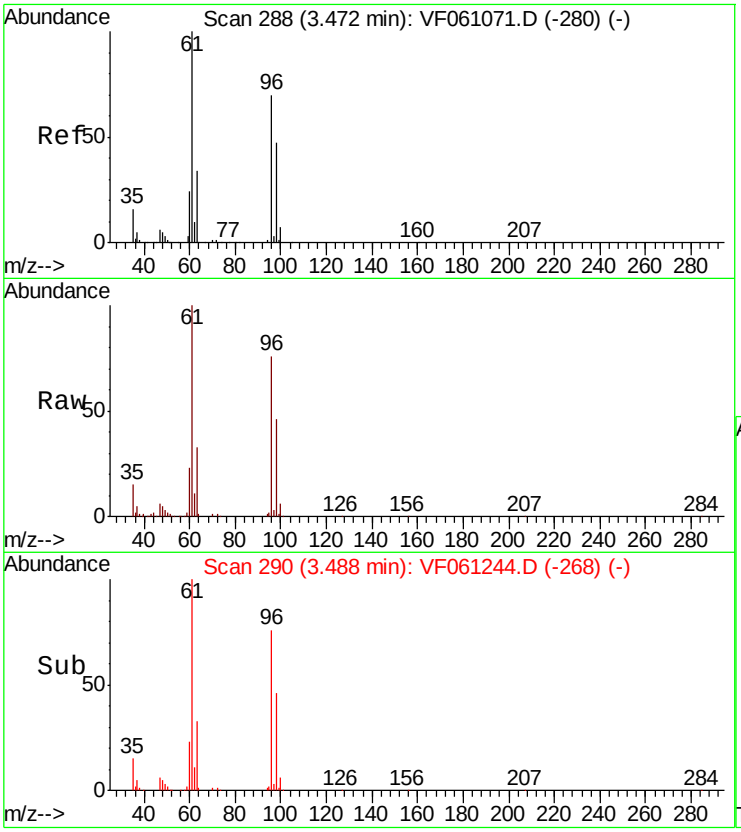


#26
2,2-Dichloropropane
Concen: 44.572 ug/l
RT: 3.62 min Scan# 303
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 77 Resp: 111792

Ion	Ratio	Lower	Upper
77	100		
97	19.9	8.2	24.4

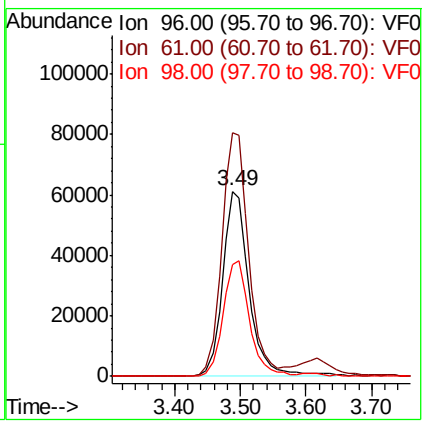




#27
cis-1,2-Dichloroethene
Concen: 49.394 ug/l
RT: 3.49 min Scan# 290
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

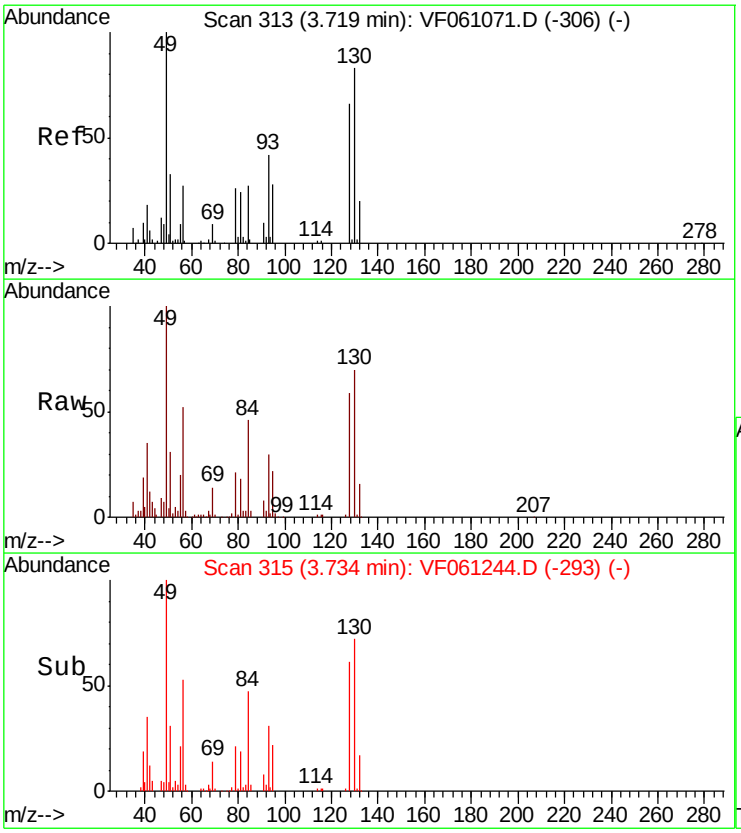
Tgt Ion: 96 Resp: 172101

Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	287.8
98	60.1	0.0	134.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

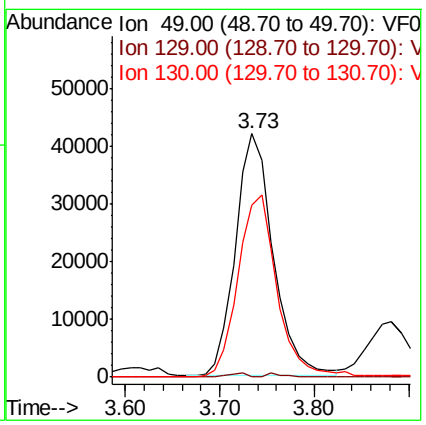
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

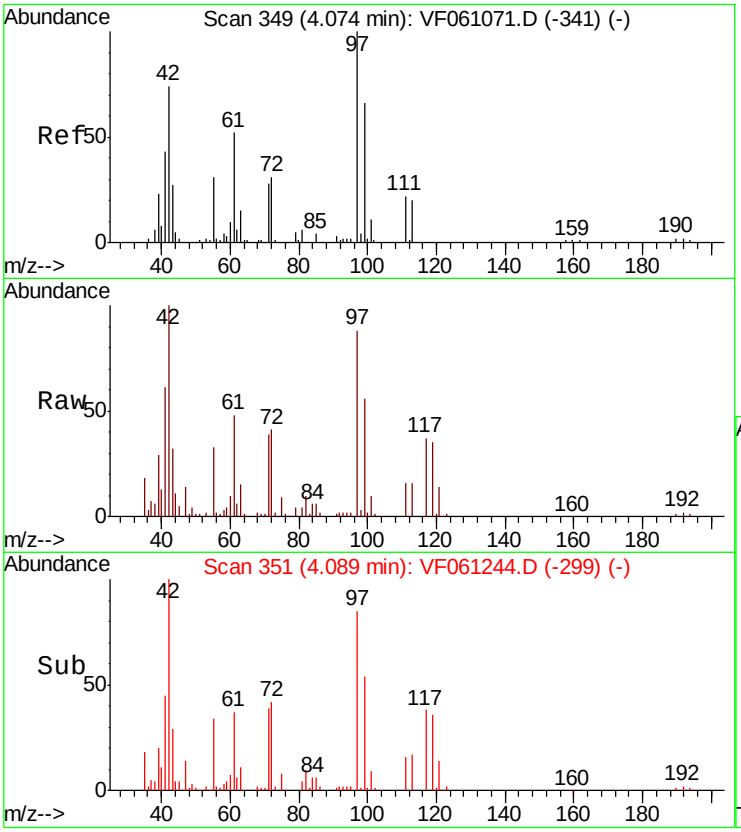


#28
Bromochloromethane
Concen: 52.485 ug/l
RT: 3.73 min Scan# 315
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 49 Resp: 116389

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	70.5	65.8	98.6

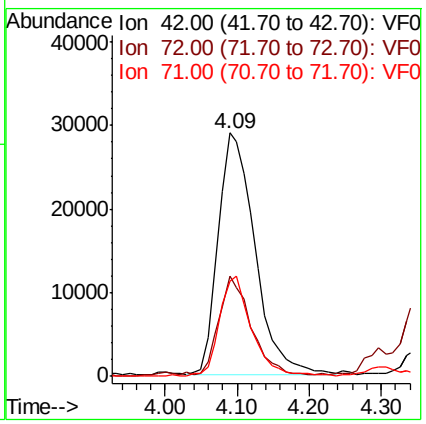




#29
Tetrahydrofuran
Concen: 248.584 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

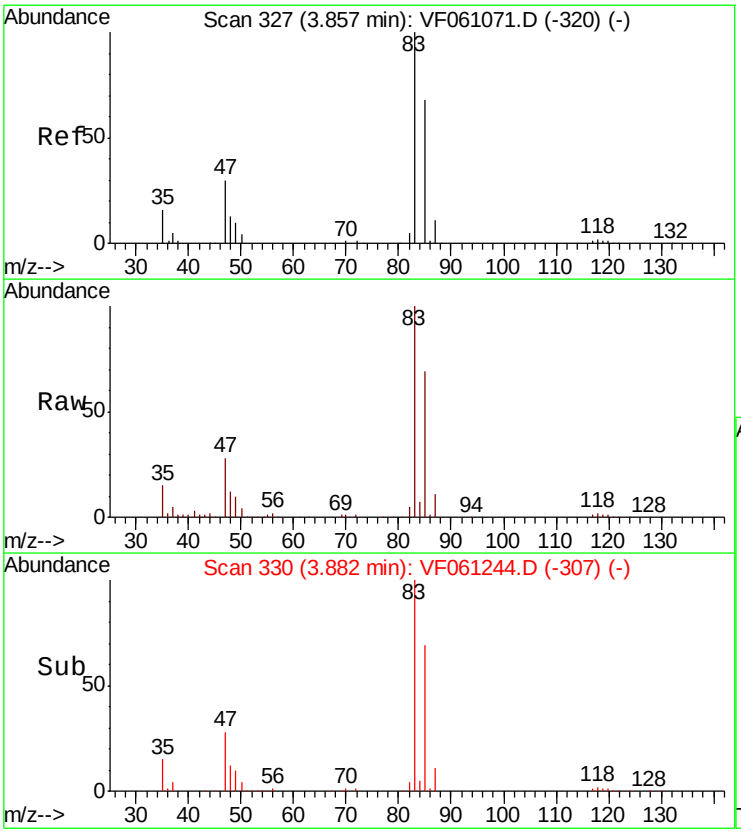
Tgt Ion: 42 Resp: 101847

Ion	Ratio	Lower	Upper
42	100		
72	36.6	31.8	47.8
71	36.7	29.7	44.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

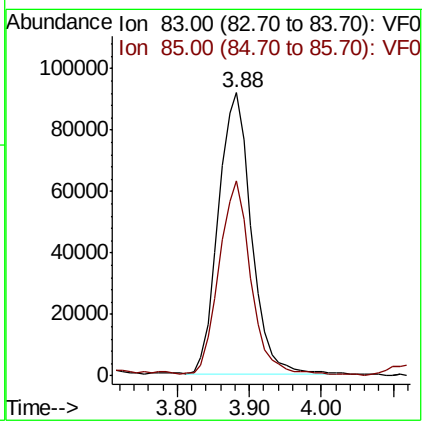
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

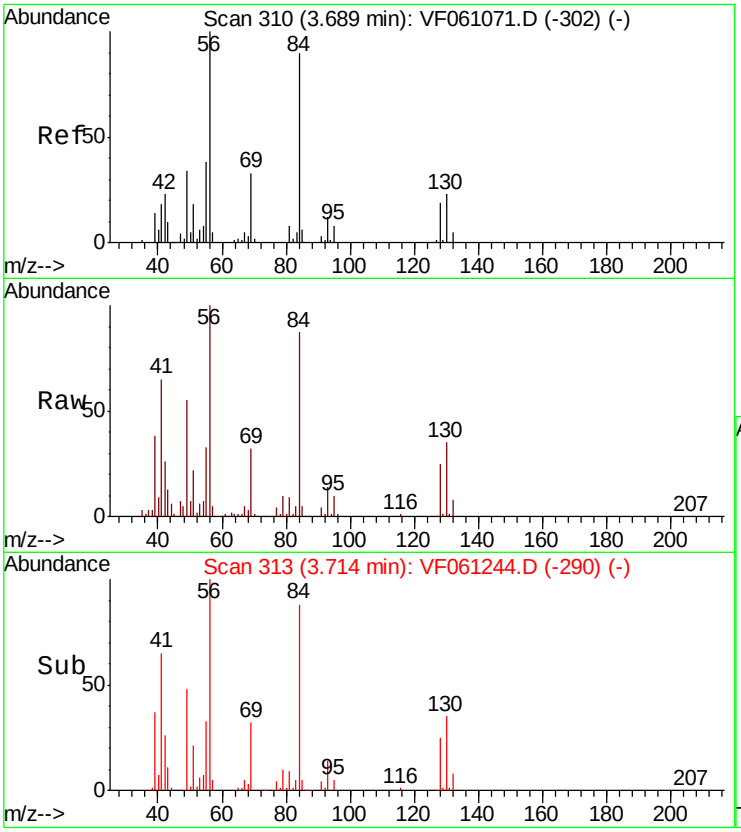


#30
Chloroform
Concen: 43.813 ug/l
RT: 3.88 min Scan# 330
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 83 Resp: 287115

Ion	Ratio	Lower	Upper
83	100		
85	68.7	54.5	81.7

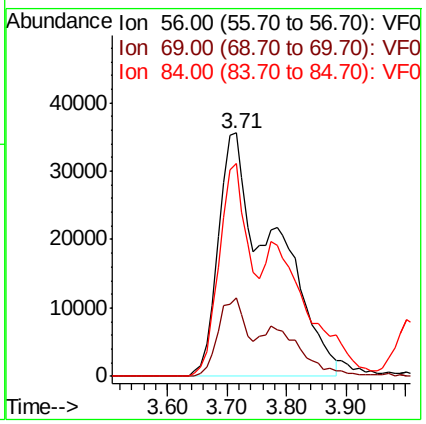




#31
Cyclohexane
Concen: 51.054 ug/l m
RT: 3.71 min Scan# 313
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

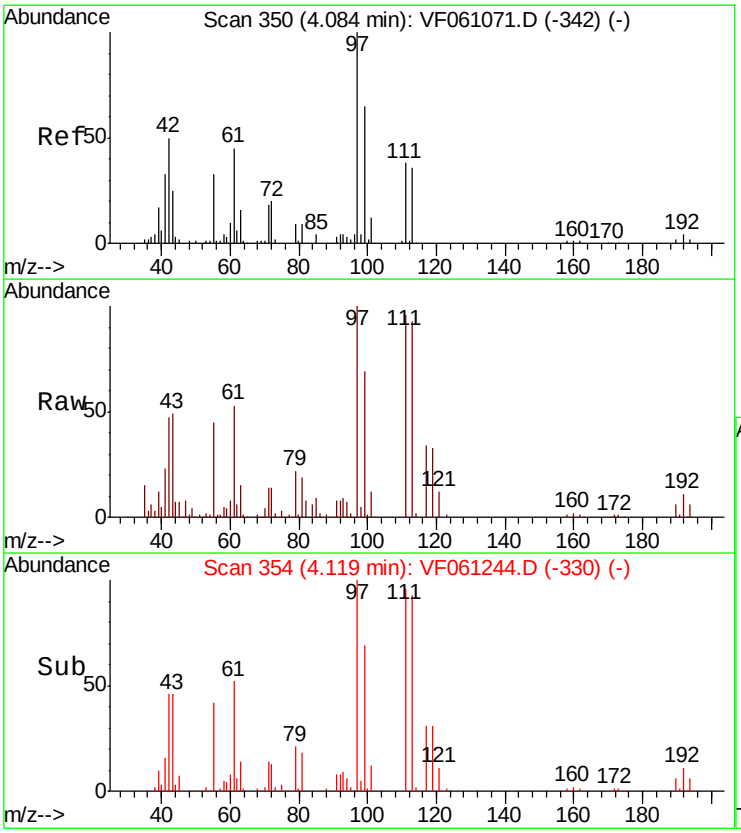
Tgt Ion: 56 Resp: 231533

Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.0	39.0
84	87.2	71.4	107.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

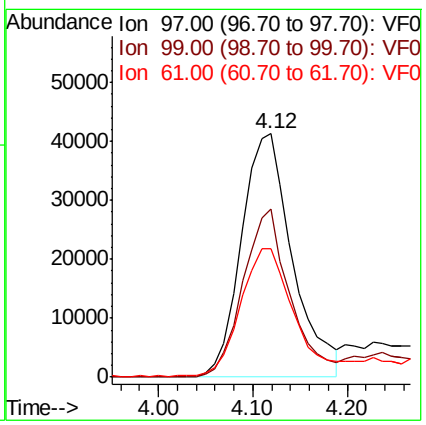
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

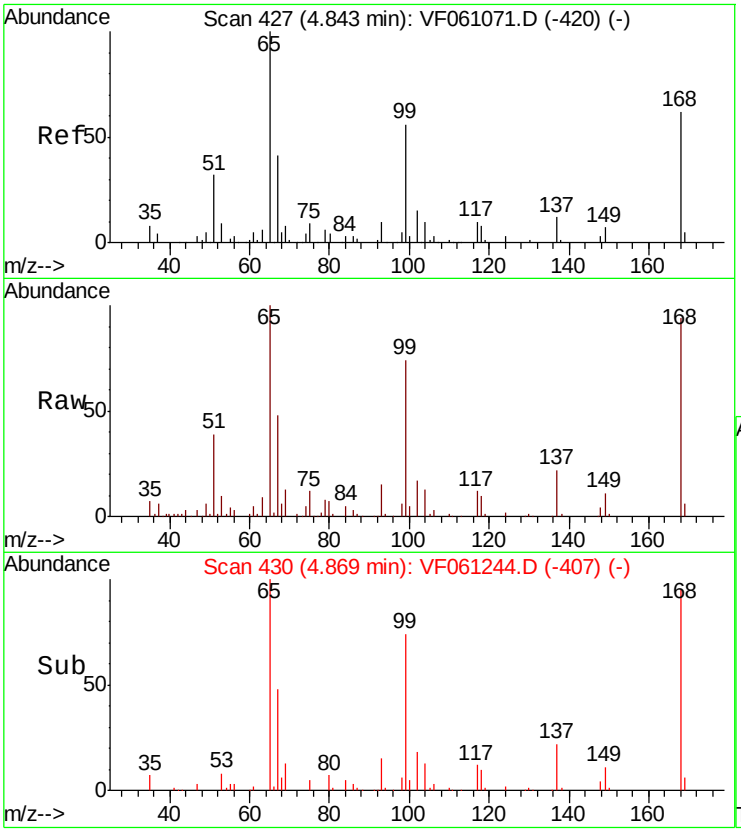


#32
1,1,1-Trichloroethane
Concen: 39.595 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.04 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 97 Resp: 155525

Ion	Ratio	Lower	Upper
97	100		
99	69.2	51.6	77.4
61	52.8	36.2	54.2

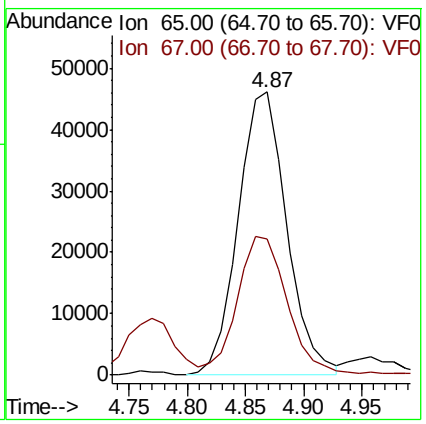




#33
1,2-Dichloroethane-d4
Concen: 42.990 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

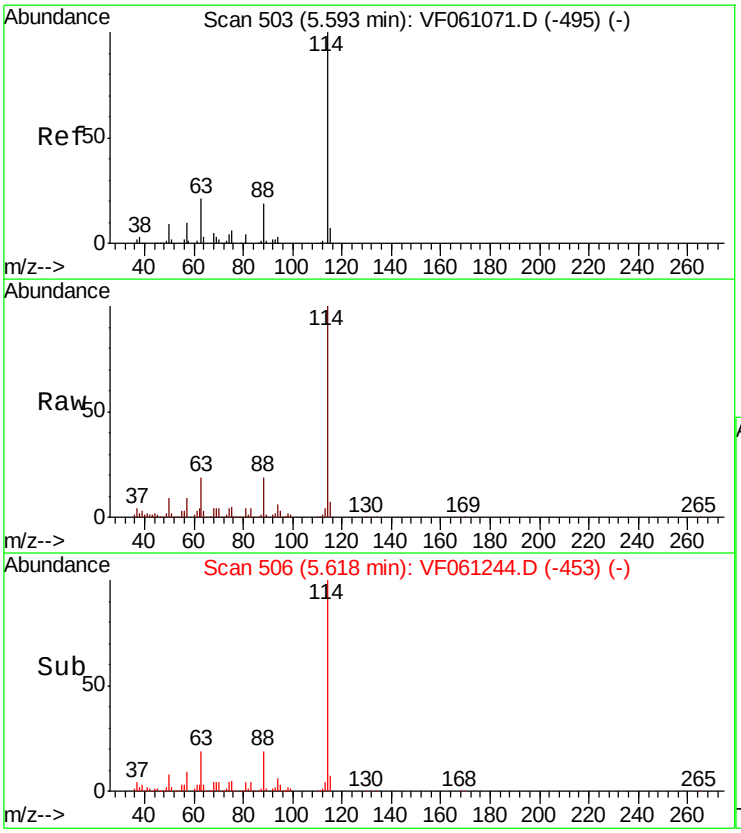
Tgt Ion: 65 Resp: 133476

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	94.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

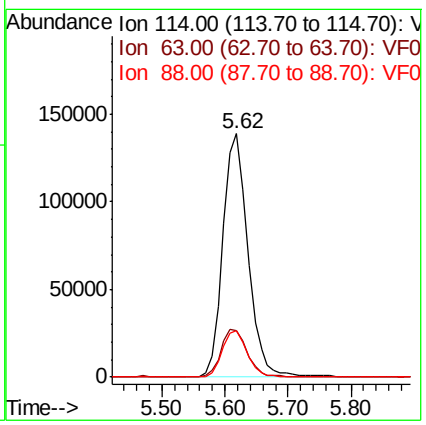
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

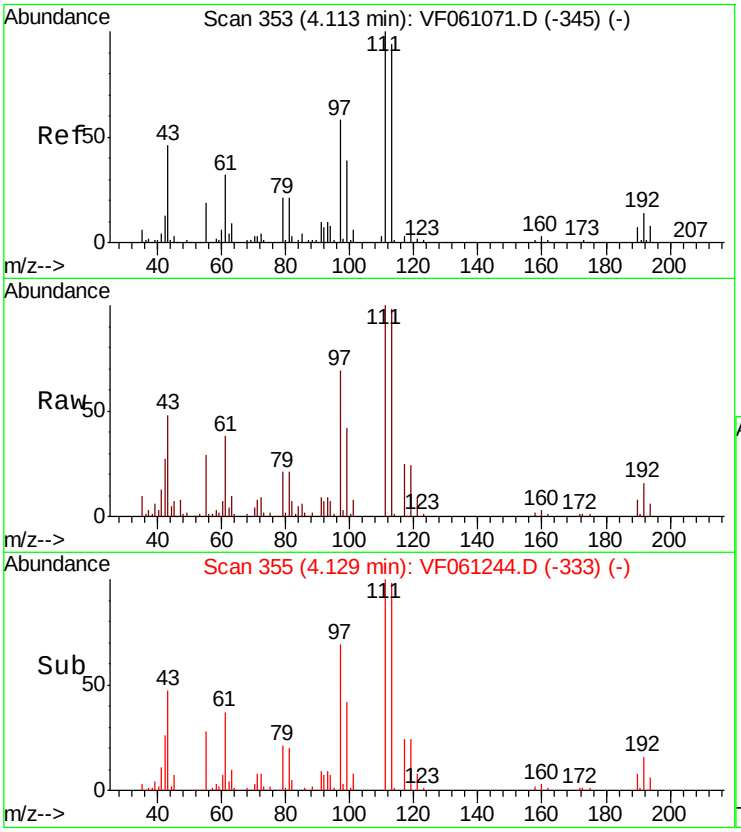


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:114 Resp: 384086

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	19.3	0.0	38.0

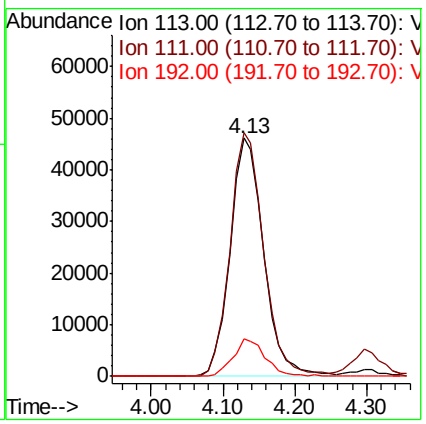




#35
Dibromofluoromethane
Concen: 48.659 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

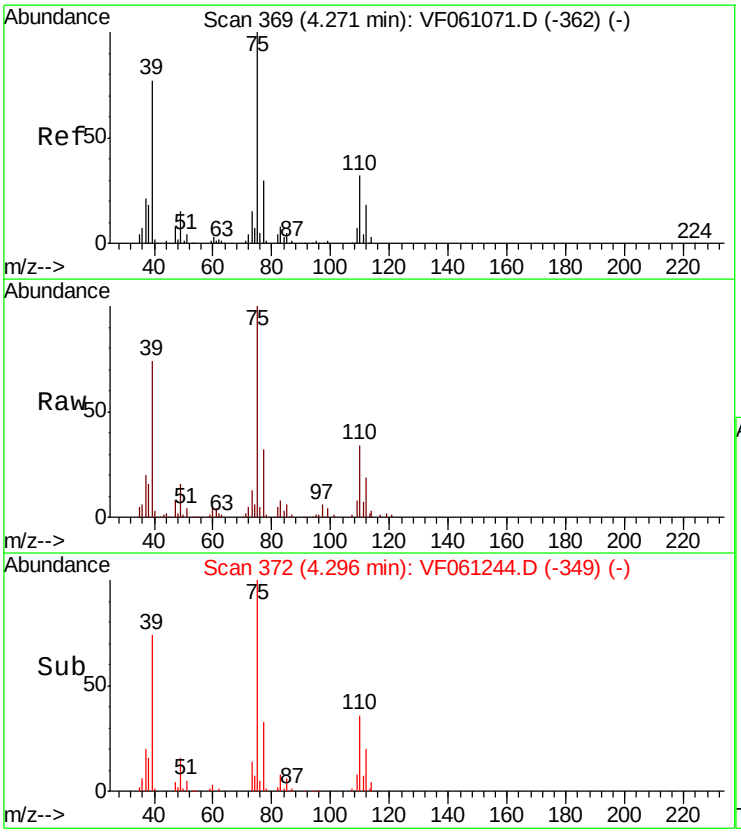
Tgt Ion:113 Resp: 149711

Ion	Ratio	Lower	Upper
113	100		
111	102.3	85.2	127.8
192	16.0	12.8	19.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

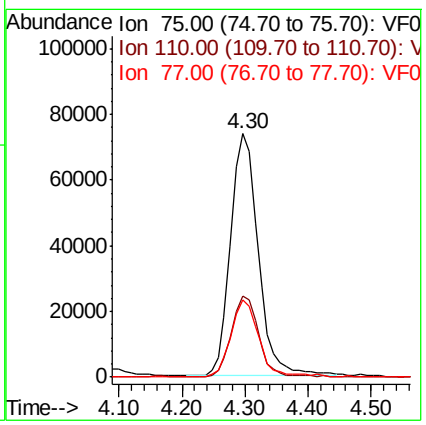
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

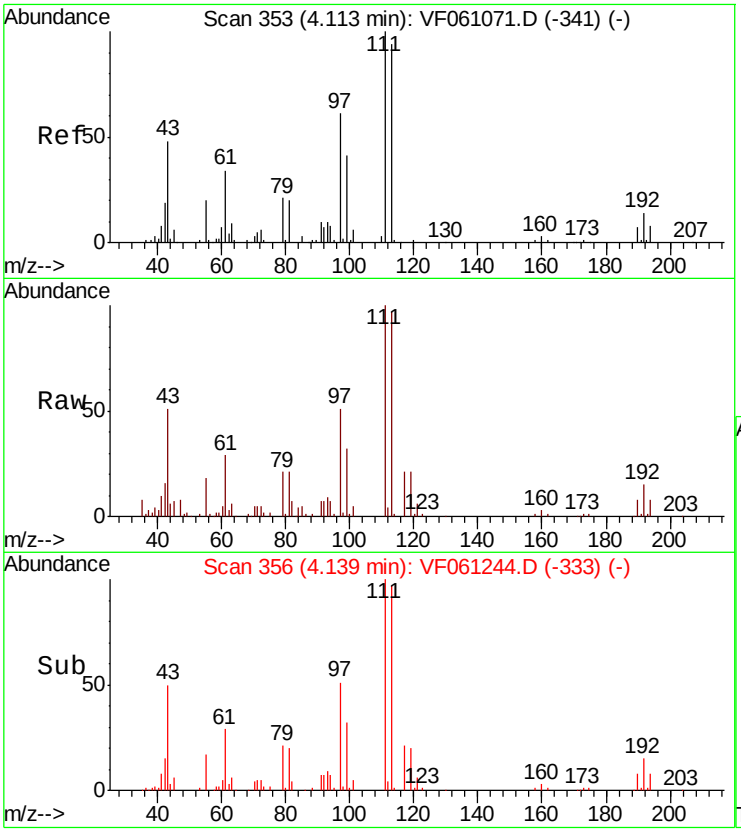


#36
1,1-Dichloropropene
Concen: 48.336 ug/l
RT: 4.30 min Scan# 372
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 75 Resp: 224093

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.1	48.2
77	31.5	24.5	36.7

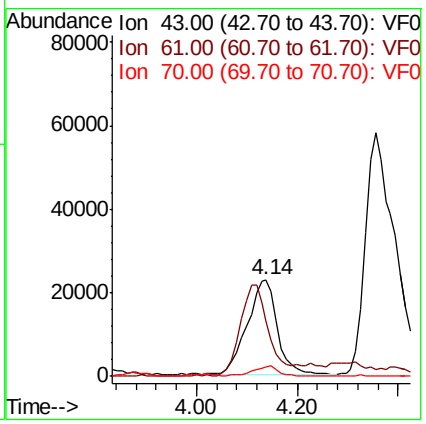




#37
Ethyl Acetate
Concen: 53.161 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

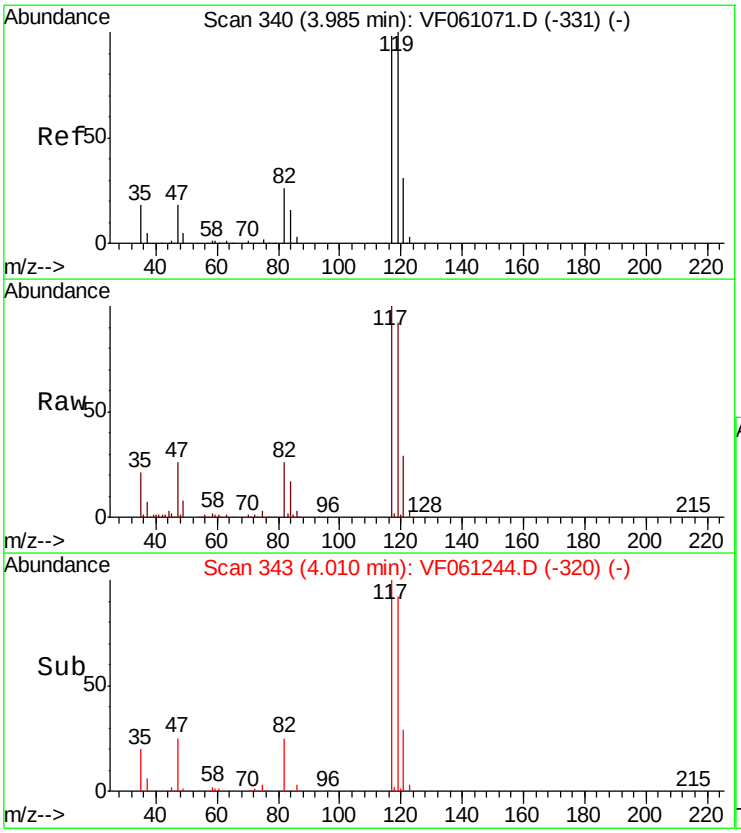
Tgt Ion: 43 Resp: 94789

Ion	Ratio	Lower	Upper
43	100		
61	56.9	56.6	84.8
70	9.5	6.3	9.5#



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

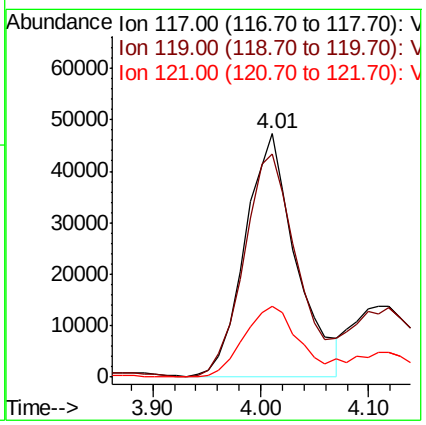
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

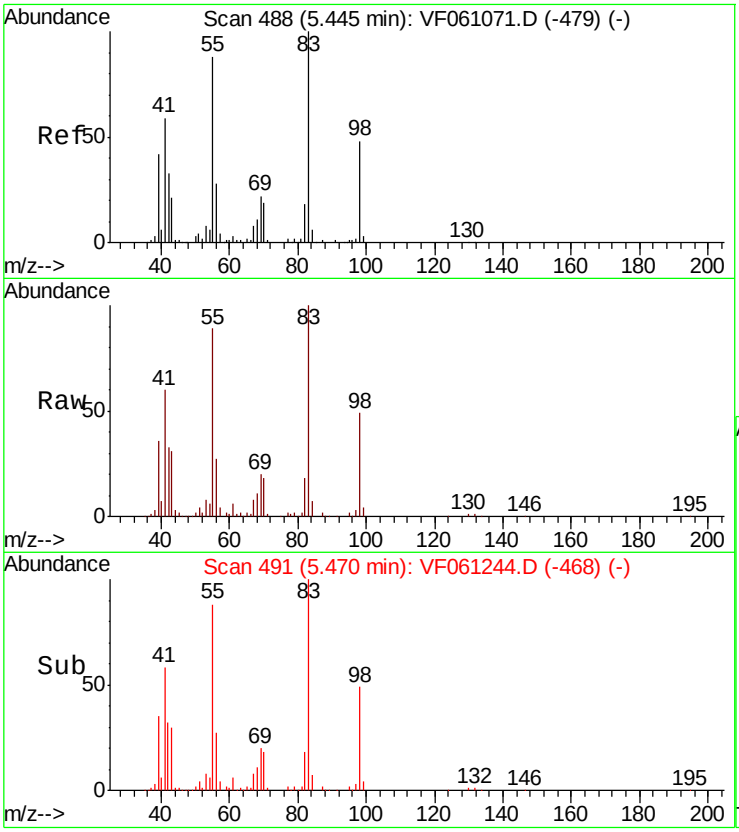


#38
Carbon Tetrachloride
Concen: 43.878 ug/l
RT: 4.01 min Scan# 343
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:117 Resp: 154916

Ion	Ratio	Lower	Upper
117	100		
119	91.6	82.1	123.1
121	28.9	25.5	38.3

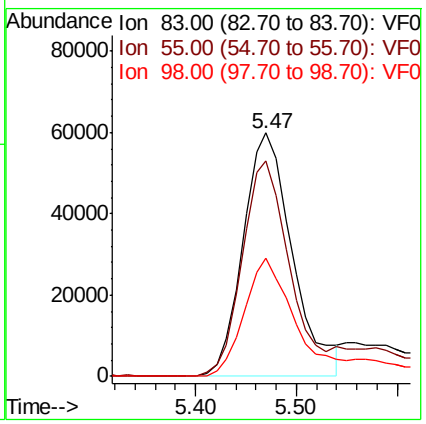




#39
Methylcyclohexane
Concen: 48.855 ug/l
RT: 5.47 min Scan# 491
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

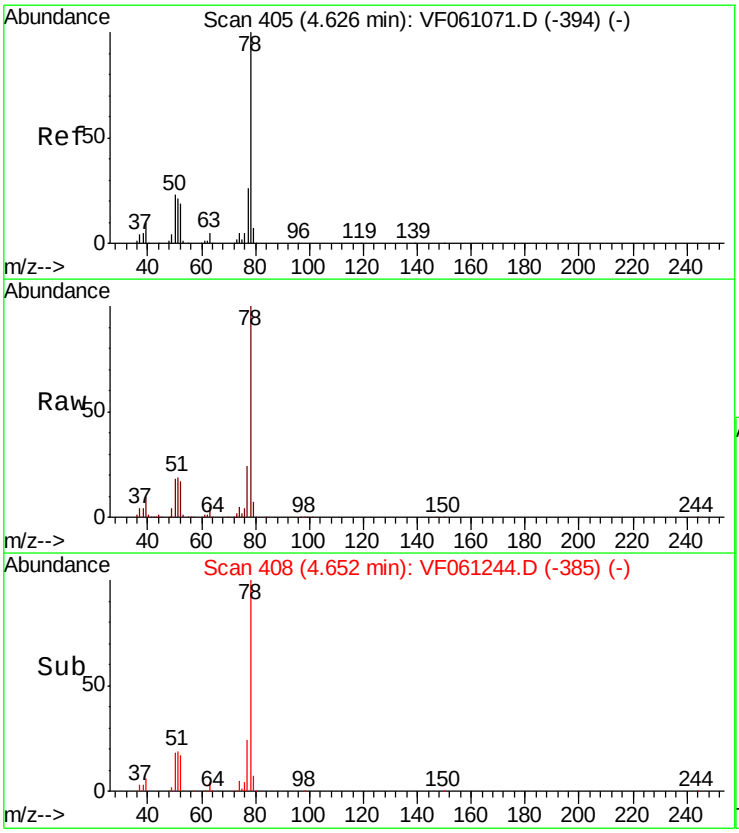
Tgt Ion: 83 Resp: 203201

Ion	Ratio	Lower	Upper
83	100		
55	88.6	70.6	105.8
98	48.6	38.5	57.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

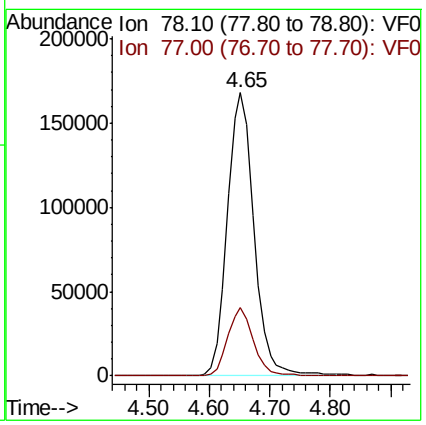
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

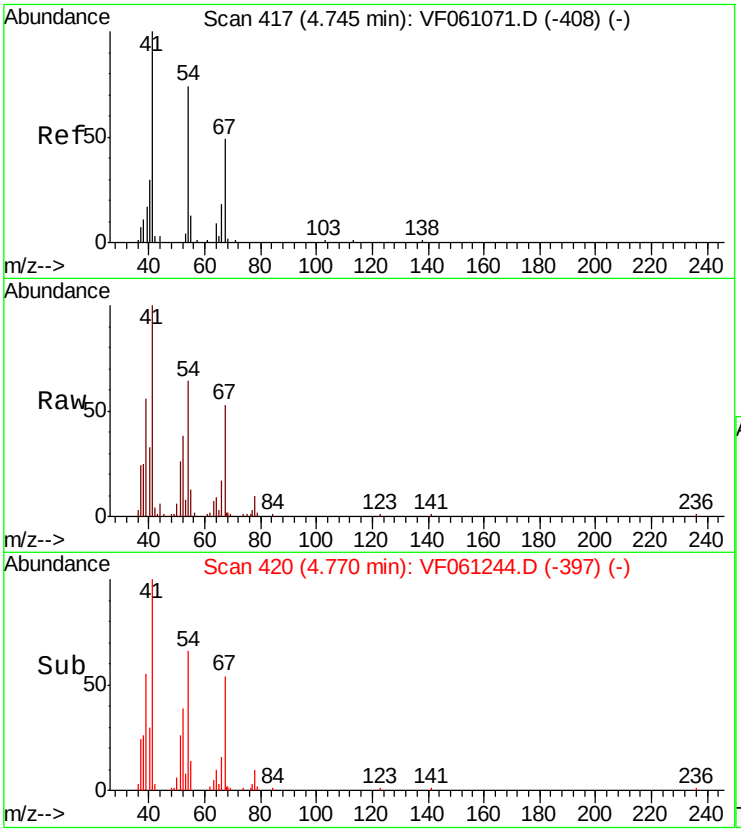


#40
Benzene
Concen: 51.623 ug/l
RT: 4.65 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 78 Resp: 514688

Ion	Ratio	Lower	Upper
78	100		
77	24.0	20.7	31.1

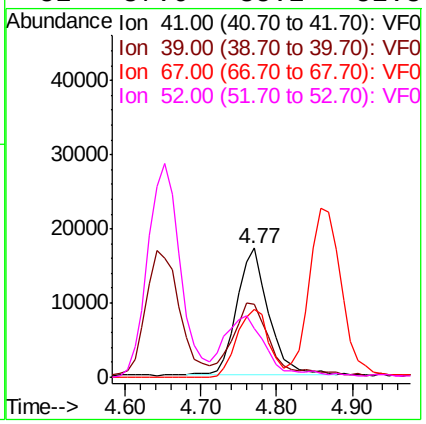




#41
Methacrylonitrile
Concen: 50.352 ug/l
RT: 4.77 min Scan# 420
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

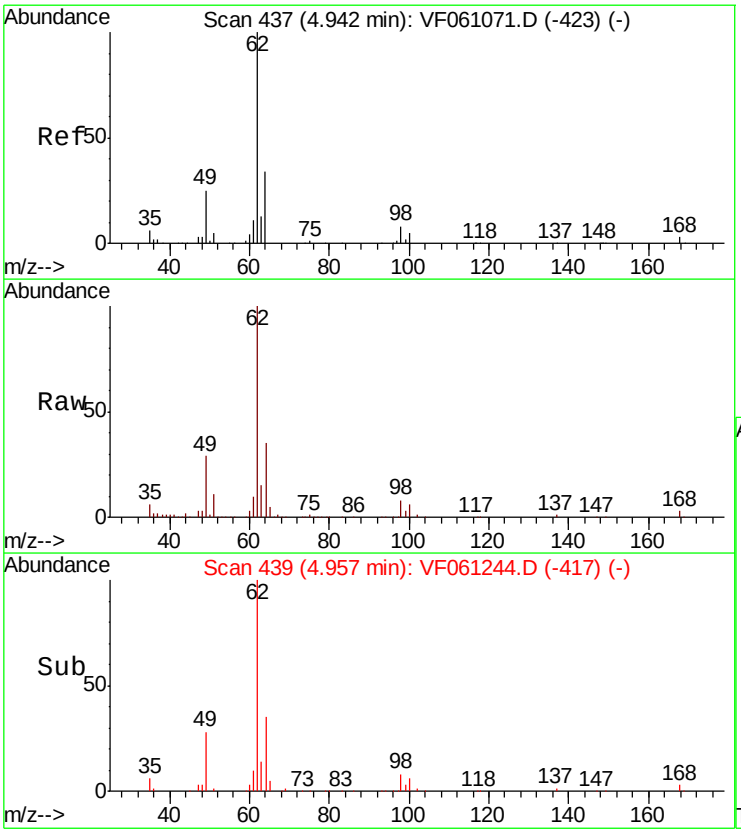
Tgt Ion: 41 Resp: 49300

Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.7	68.5
67	53.1	38.9	58.3
52	37.6	35.2	52.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

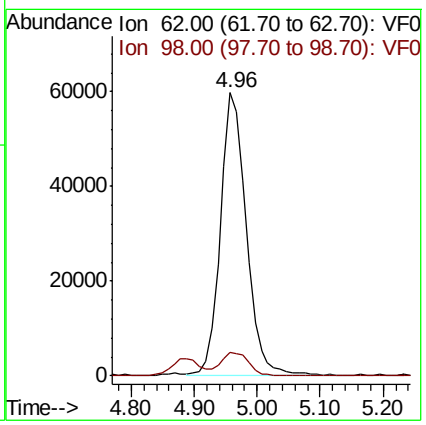
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

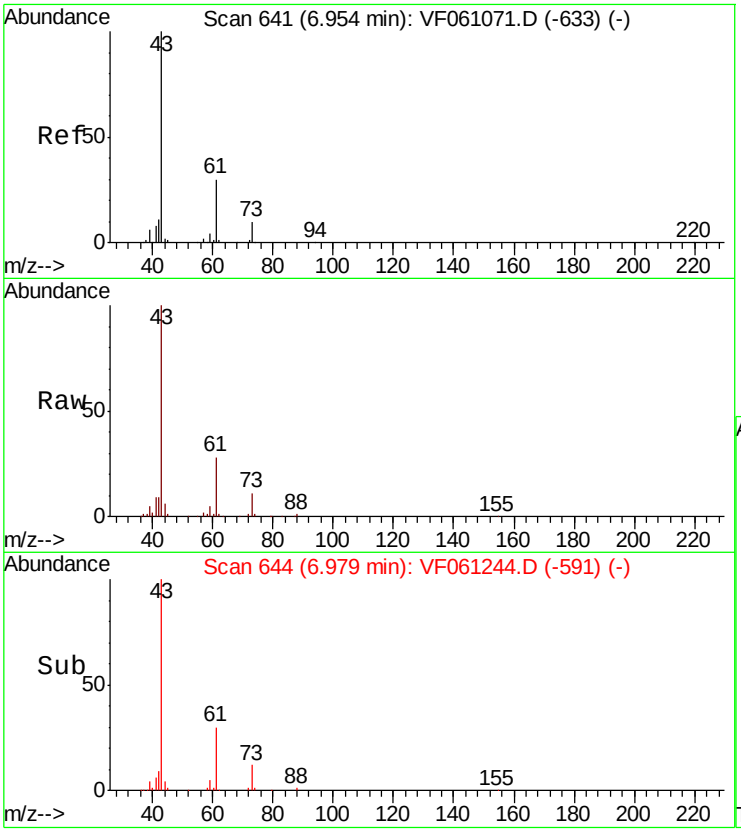


#42
1,2-Dichloroethane
Concen: 44.414 ug/l
RT: 4.96 min Scan# 439
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 62 Resp: 168218

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

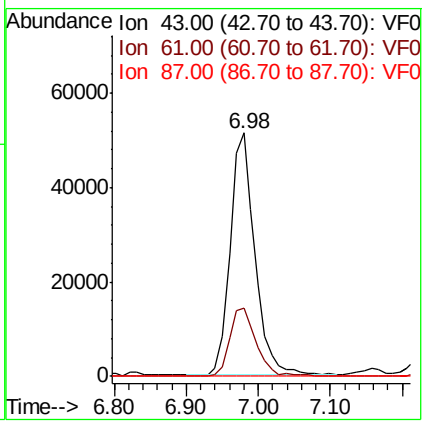




#43
Isopropyl Acetate
Concen: 54.783 ug/l
RT: 6.98 min Scan# 644
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

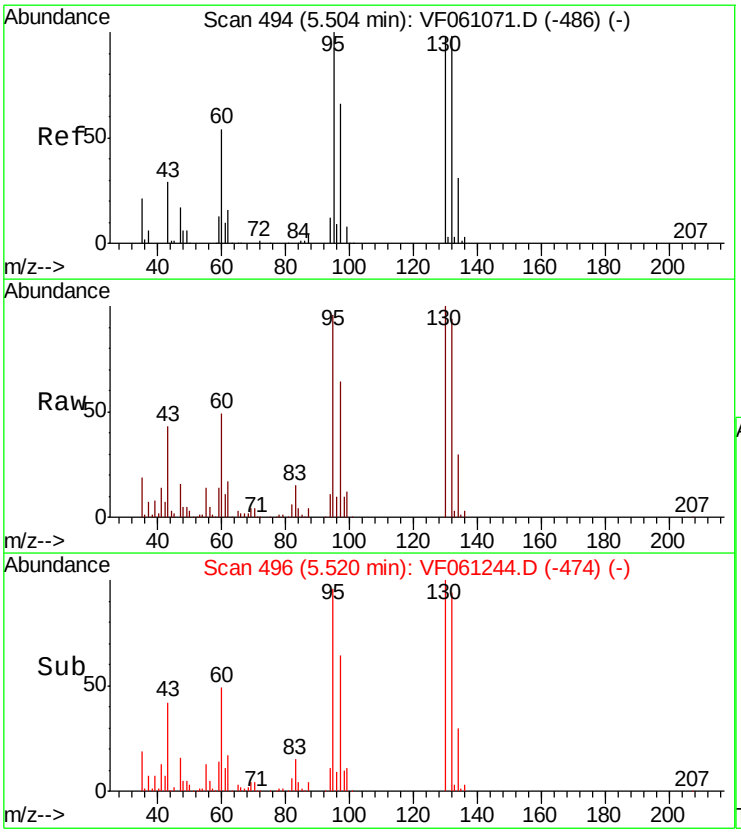
Tgt Ion: 43 Resp: 122637

Ion	Ratio	Lower	Upper
43	100		
61	28.2	23.8	35.8
87	0.4	0.0	0.0#



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

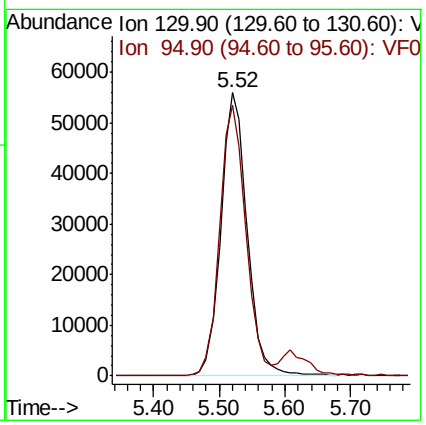
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

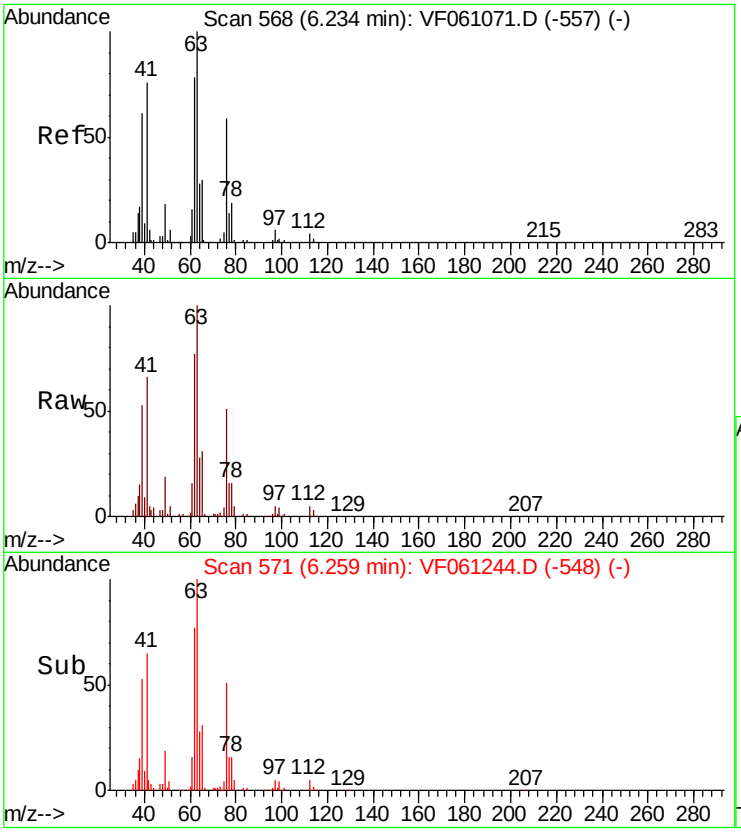


#44
Trichloroethene
Concen: 49.584 ug/l
RT: 5.52 min Scan# 496
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:130 Resp: 155860

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	205.2

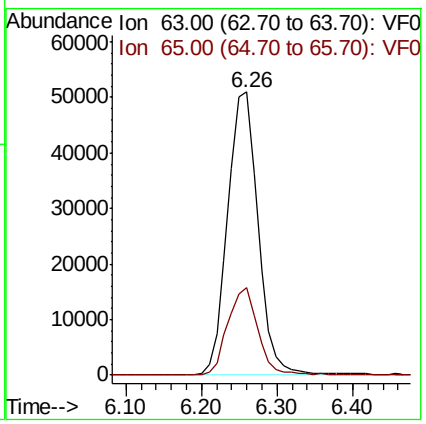




#45
1,2-Dichloropropane
Concen: 52.549 ug/l
RT: 6.26 min Scan# 571
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

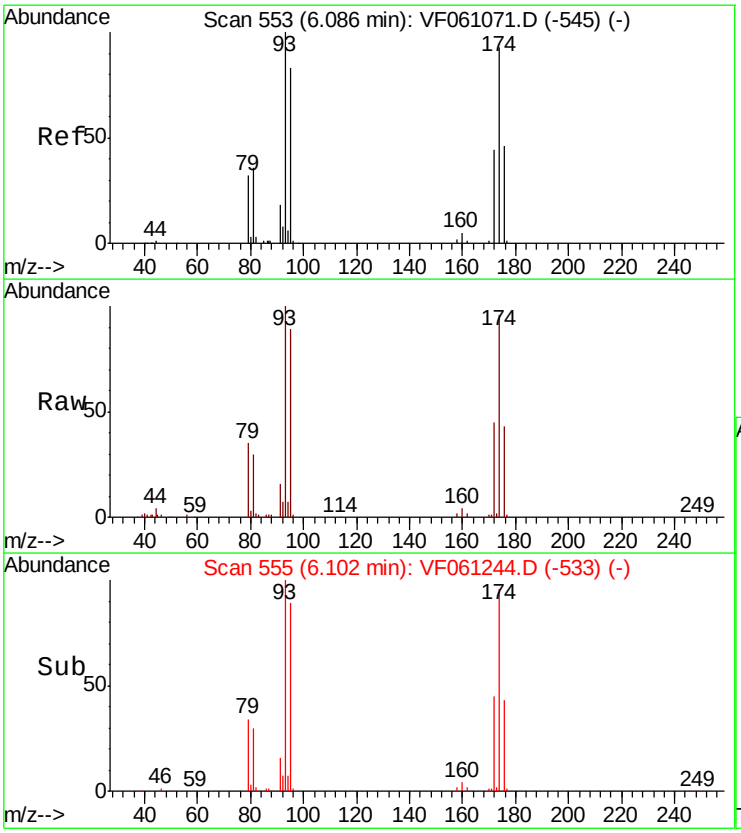
Tgt Ion: 63 Resp: 142541

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.4	36.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

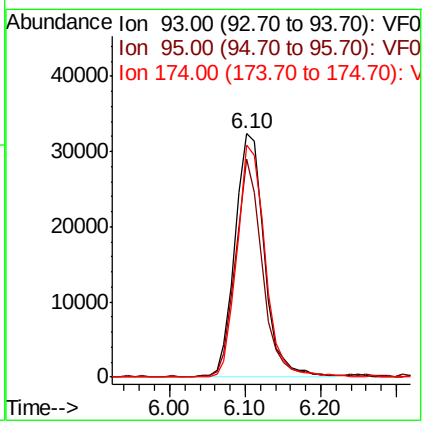
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

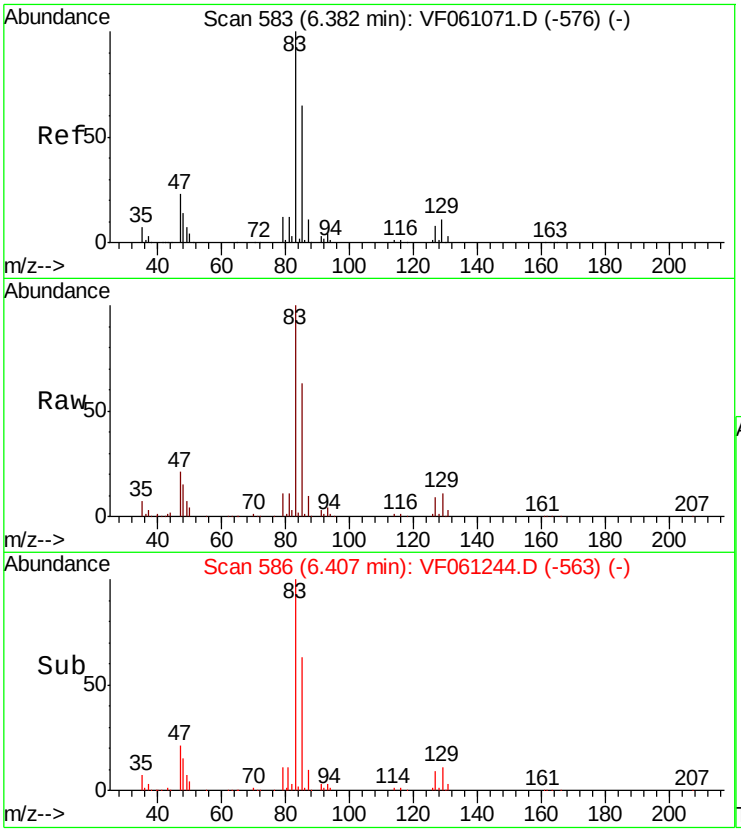


#46
Dibromomethane
Concen: 49.421 ug/l
RT: 6.10 min Scan# 555
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 93 Resp: 86948

Ion	Ratio	Lower	Upper
93	100		
95	89.3	66.9	100.3
174	95.6	74.1	111.1

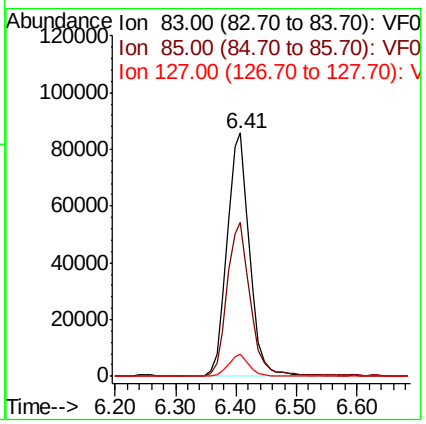




#47
Bromodichloromethane
Concen: 48.285 ug/l
RT: 6.41 min Scan# 586
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

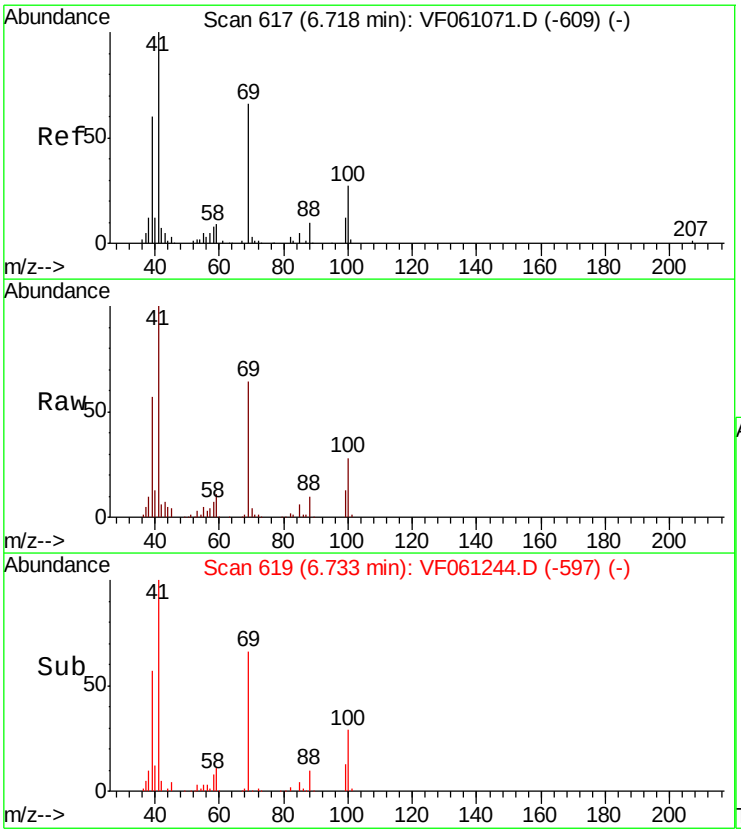
Tgt Ion: 83 Resp: 220720

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.2	78.4
127	9.0	6.1	9.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

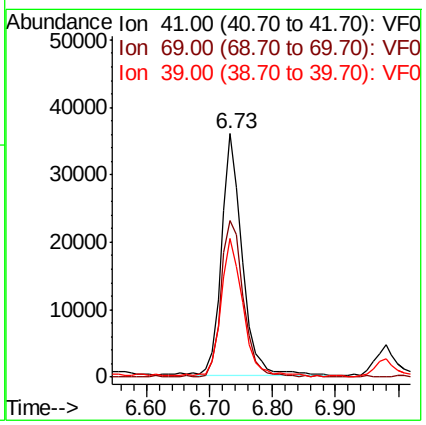
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

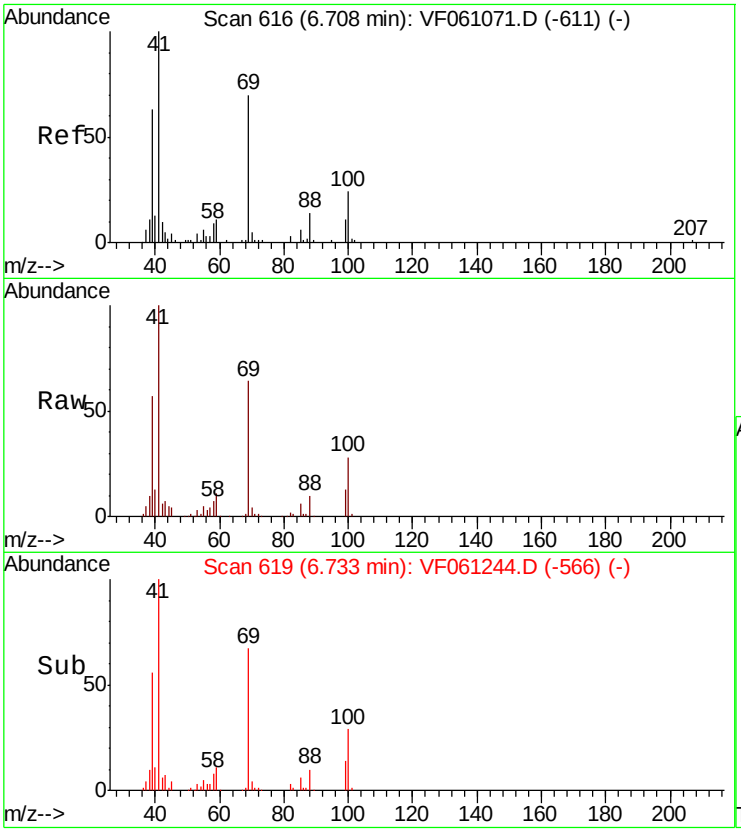


#48
Methyl methacrylate
Concen: 51.835 ug/l
RT: 6.73 min Scan# 619
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 41 Resp: 81006

Ion	Ratio	Lower	Upper
41	100		
69	64.1	52.7	79.1
39	57.1	47.8	71.6

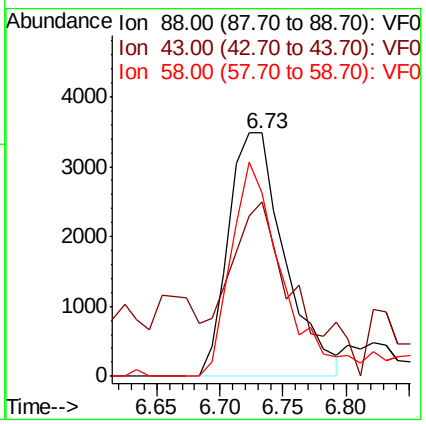




#49
1,4-Dioxane
Concen: 950.137 ug/l
RT: 6.73 min Scan# 619
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

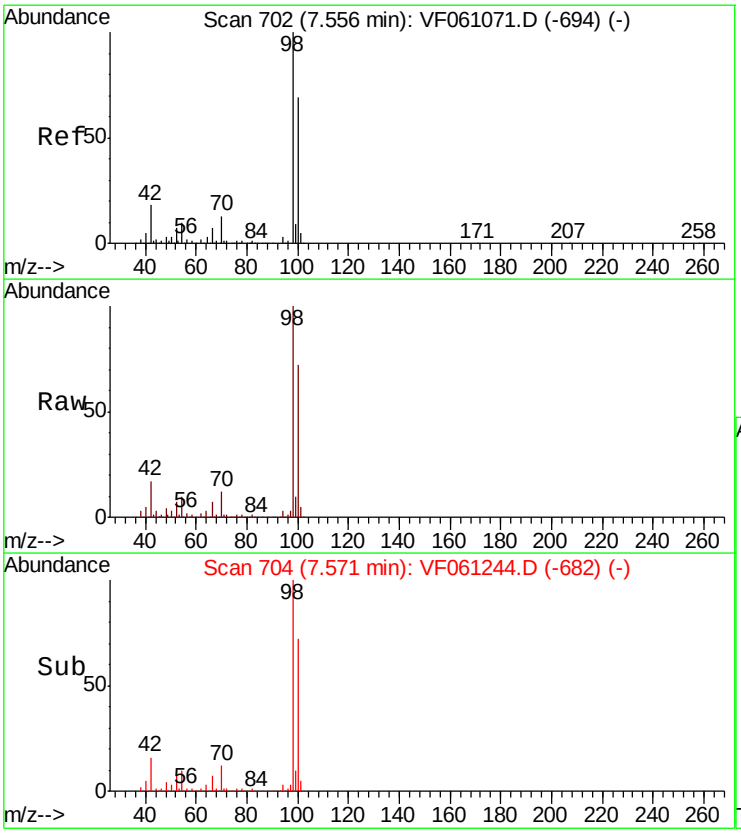
Tgt Ion: 88 Resp: 10774

Ion	Ratio	Lower	Upper
88	100		
43	71.6	33.3	49.9#
58	75.2	53.2	79.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

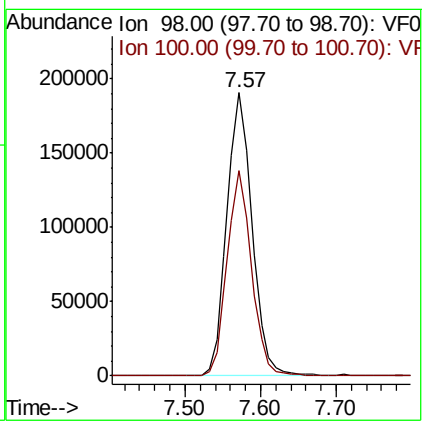
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

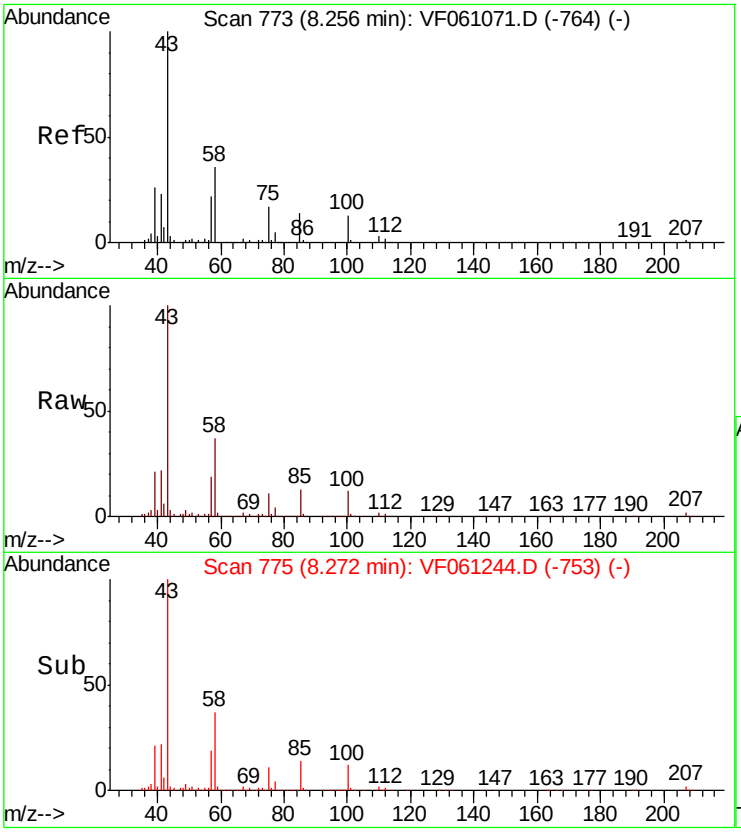


#50
Toluene-d8
Concen: 50.481 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 98 Resp: 440154

Ion	Ratio	Lower	Upper
98	100		
100	72.4	55.3	82.9

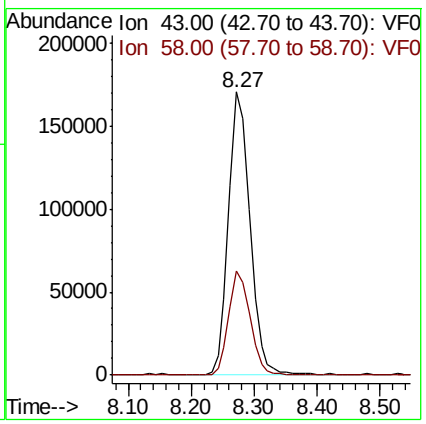




#51
4-Methyl-2-Pentanone
Concen: 262.077 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

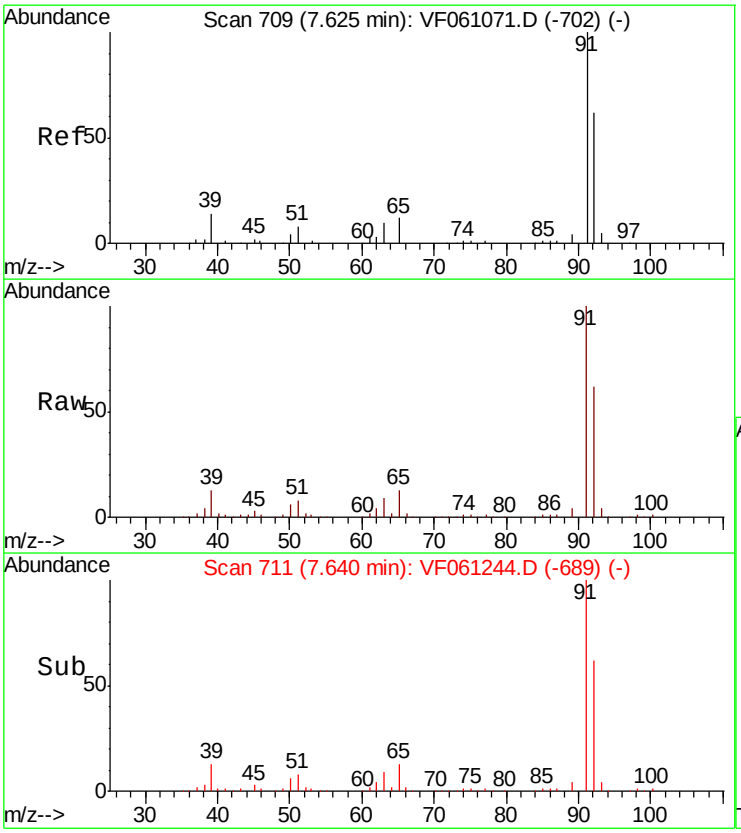
Tgt Ion: 43 Resp: 402359

Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.1	43.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

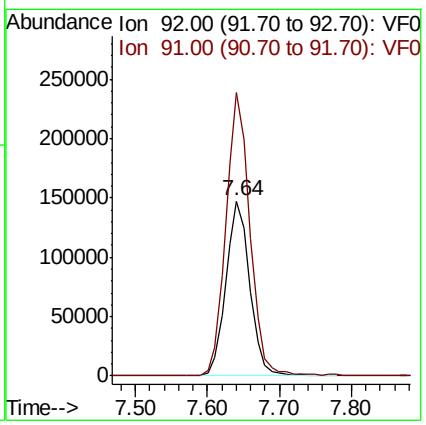
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

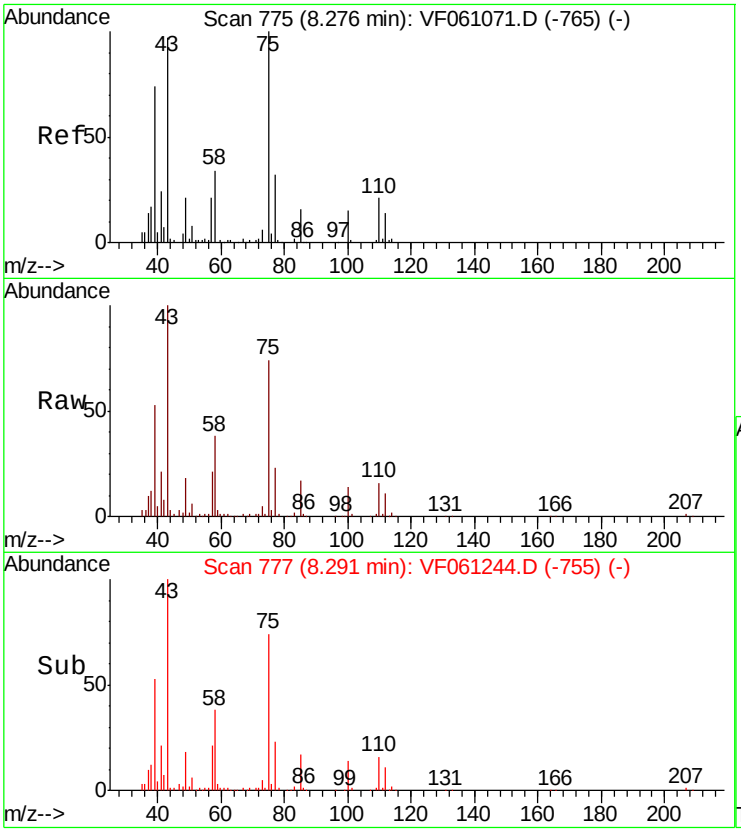


#52
Toluene
Concen: 51.419 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 92 Resp: 339354

Ion	Ratio	Lower	Upper
92	100		
91	162.0	128.8	193.2





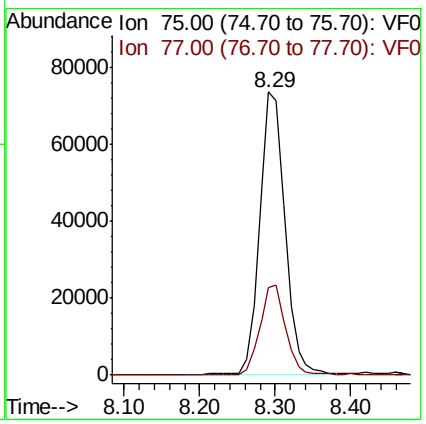
#53
t-1,3-Dichloropropene
Concen: 47.103 ug/l
RT: 8.29 min Scan# 777
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

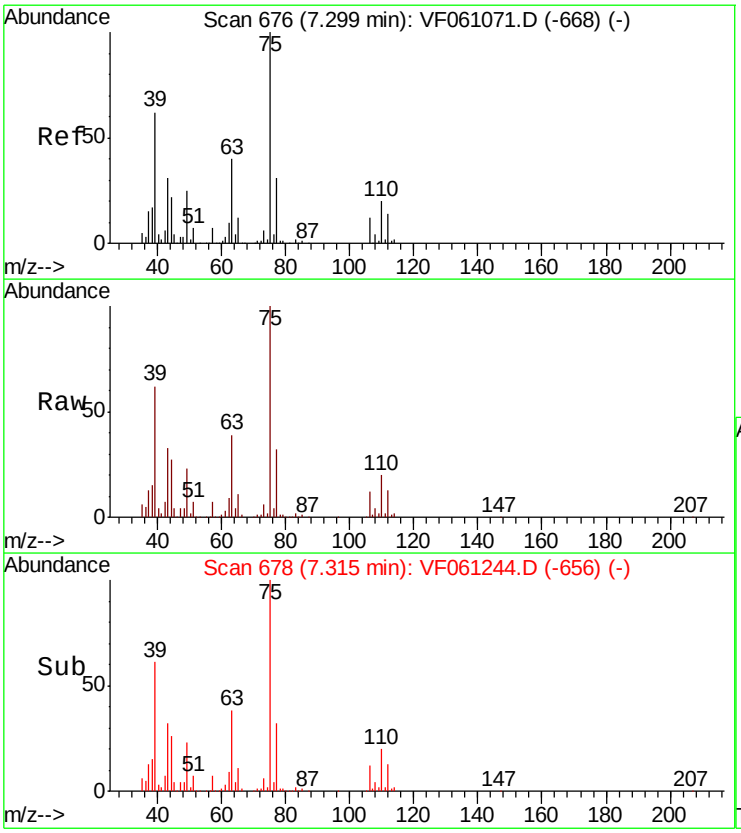
Tgt Ion: 75 Resp: 173696

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

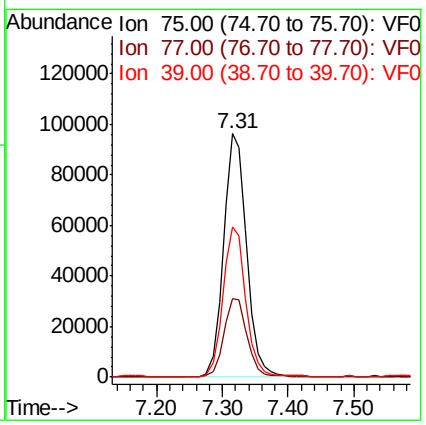


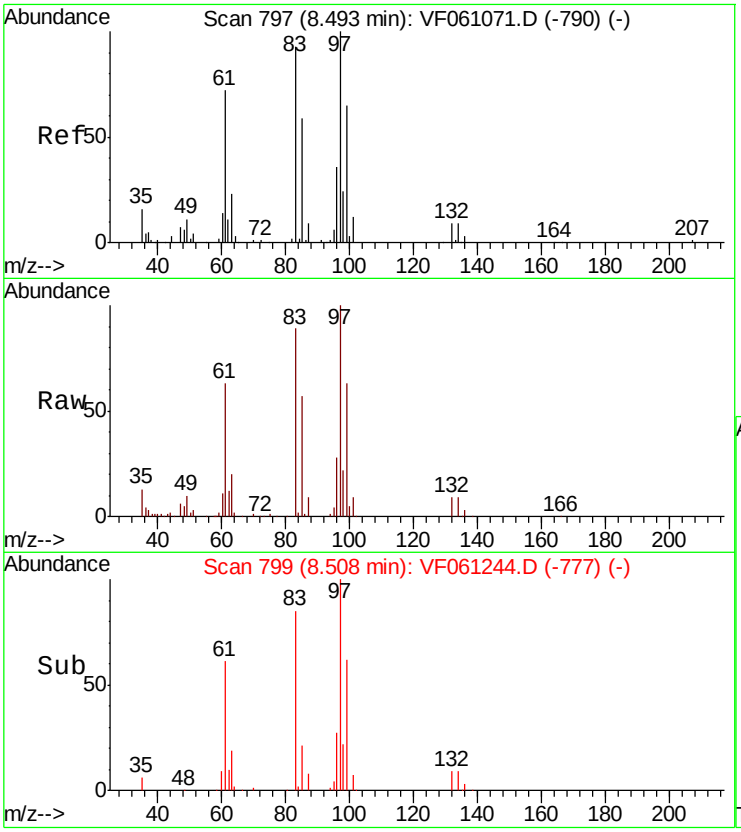


#54
cis-1,3-Dichloropropene
Concen: 51.071 ug/l
RT: 7.31 min Scan# 678
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 75 Resp: 236370

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4
39	61.6	50.1	75.1

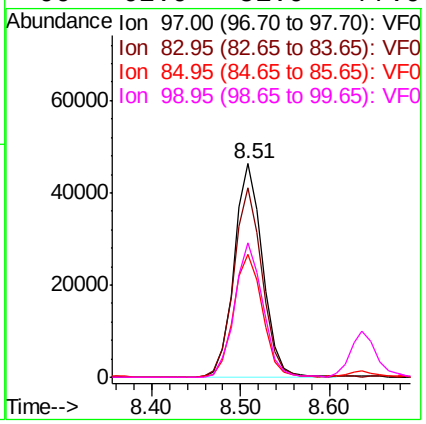




#55
1,1,2-Trichloroethane
Concen: 52.112 ug/l
RT: 8.51 min Scan# 799
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

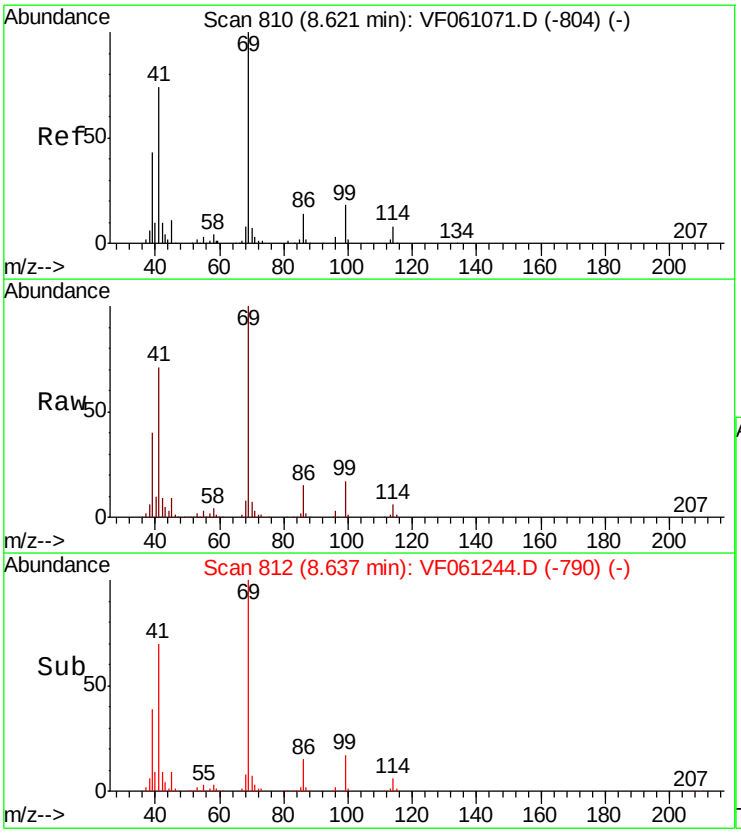
Tgt Ion: 97 Resp: 103104

Ion	Ratio	Lower	Upper
97	100		
83	88.8	75.0	112.4
85	57.4	47.5	71.3
99	62.9	51.9	77.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

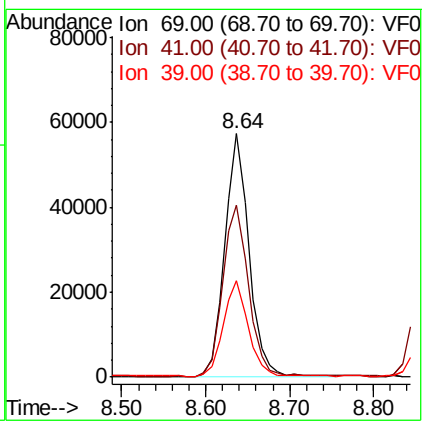
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

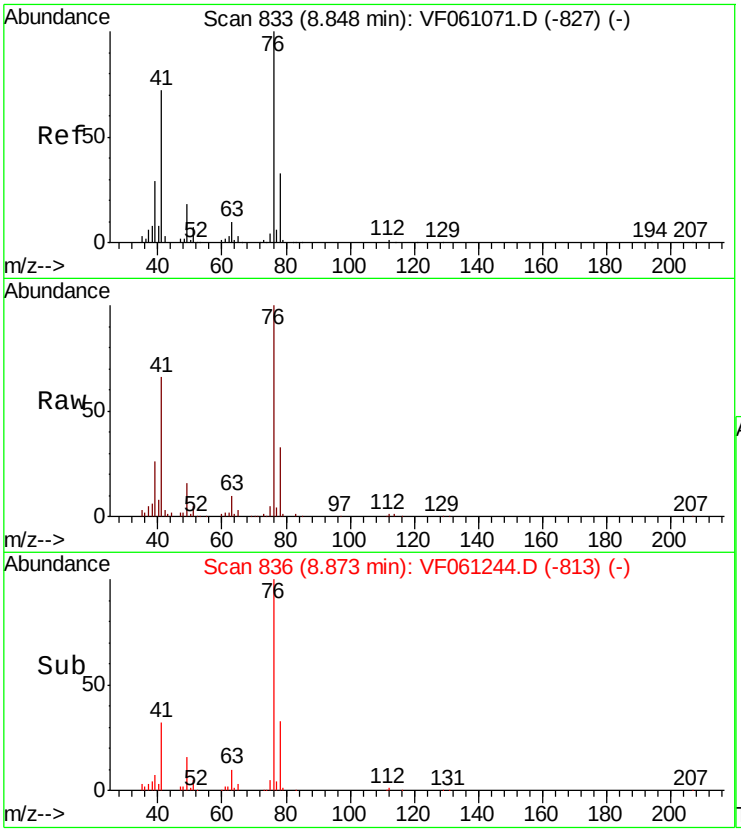


#56
Ethyl methacrylate
Concen: 53.954 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 69 Resp: 115509

Ion	Ratio	Lower	Upper
69	100		
41	70.5	59.7	89.5
39	39.8	35.0	52.6





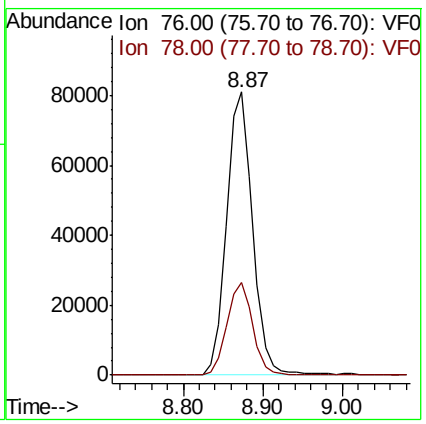
#57
1,3-Dichloropropane
Concen: 51.866 ug/l
RT: 8.87 min Scan# 836
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

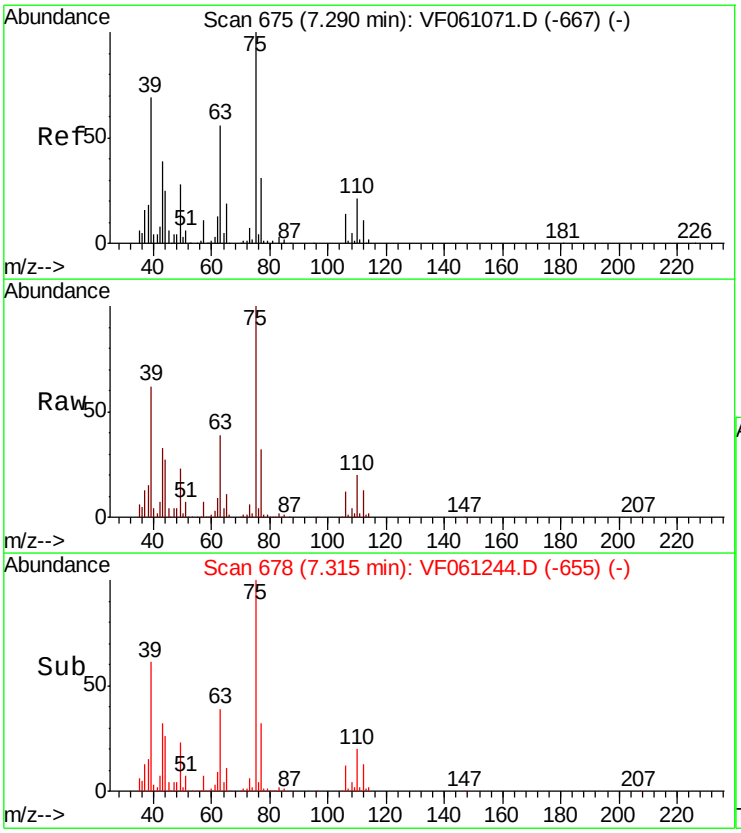
Tgt Ion: 76 Resp: 185594

Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.5	39.7

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

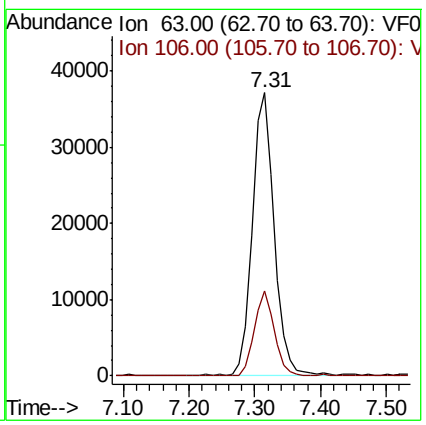


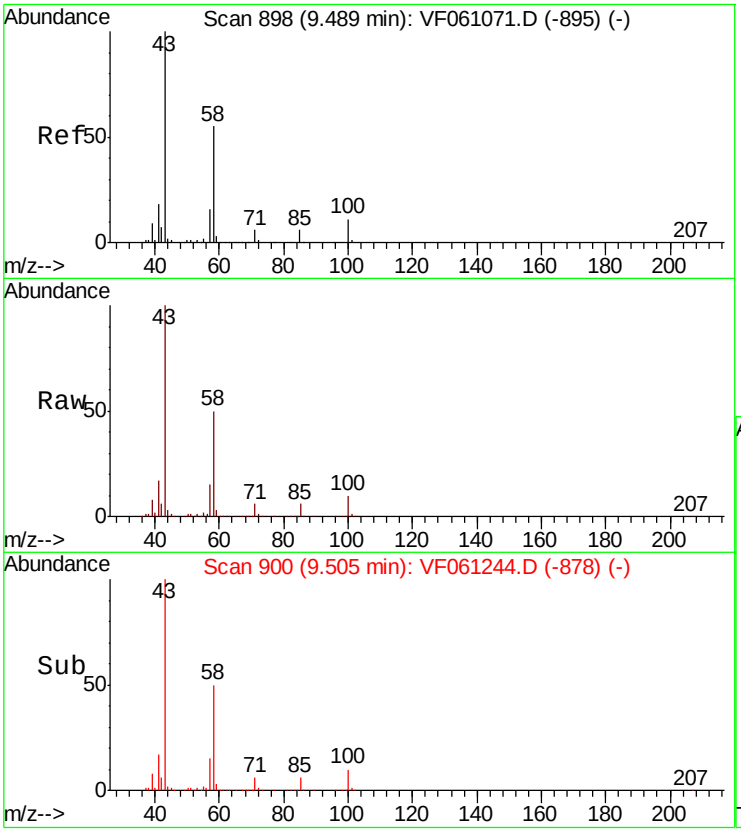


#58
2-Chloroethyl Vinyl ether
Concen: 211.464 ug/l
RT: 7.31 min Scan# 678
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 63 Resp: 86948

Ion	Ratio	Lower	Upper
63	100		
106	29.9	19.8	29.8#

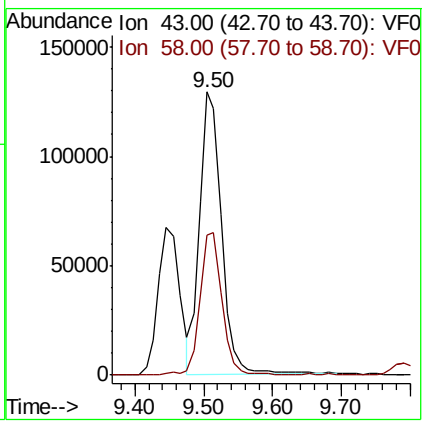




#59
2-Hexanone
Concen: 257.815 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

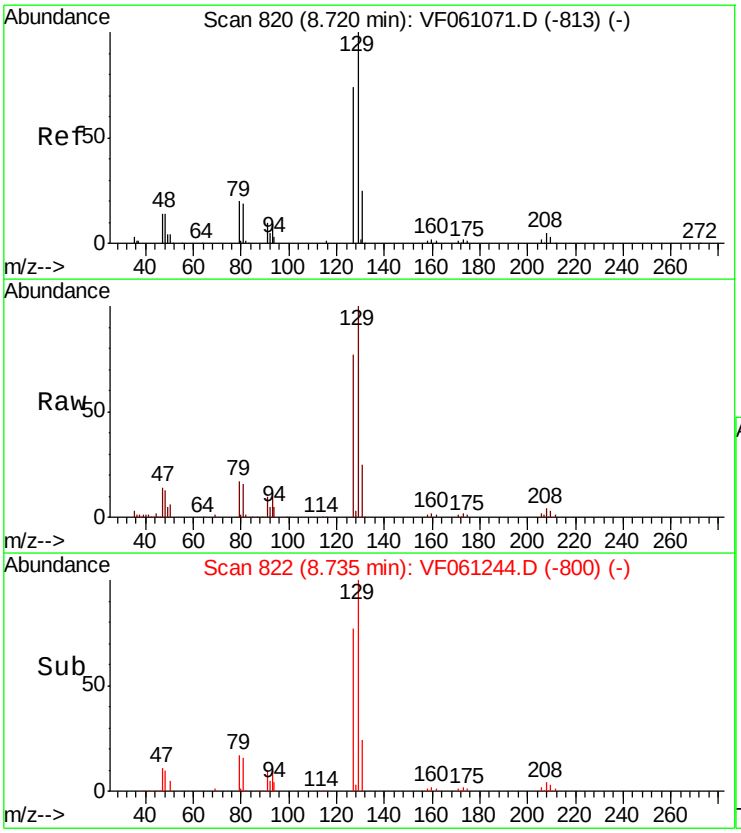
Tgt Ion: 43 Resp: 286244

Ion	Ratio	Lower	Upper
43	100		
58	49.7	25.1	75.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

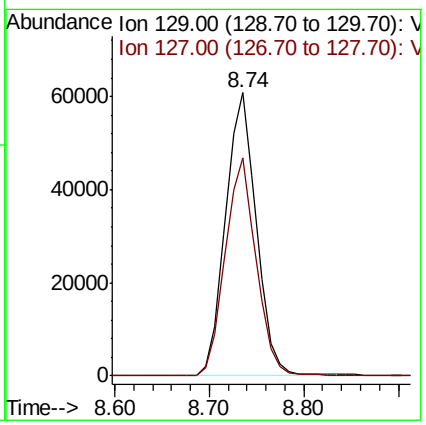
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

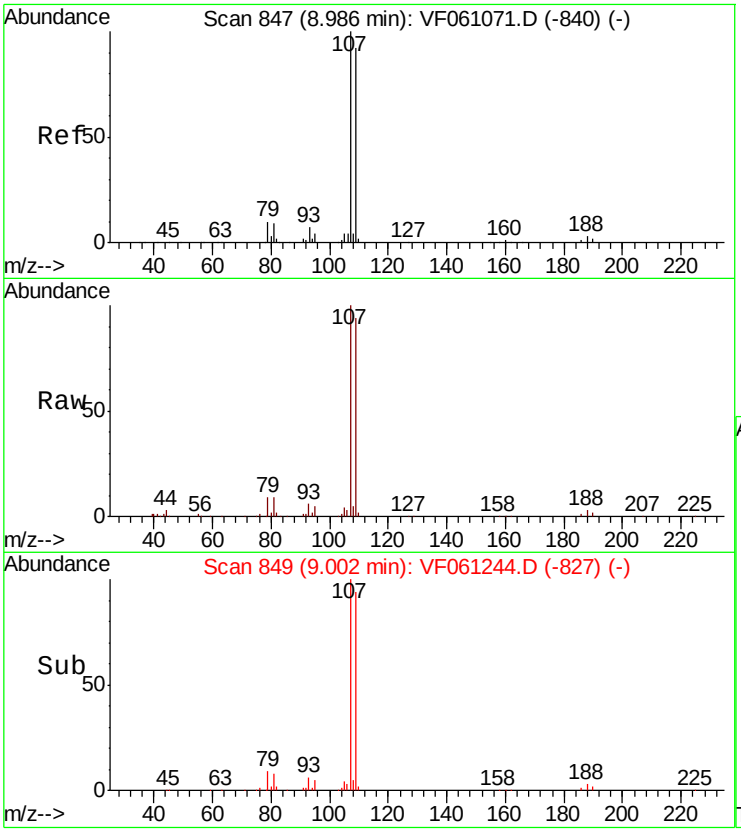


#60
Dibromochloromethane
Concen: 48.405 ug/l
RT: 8.74 min Scan# 822
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:129 Resp: 137282

Ion	Ratio	Lower	Upper
129	100		
127	77.1	36.8	110.3





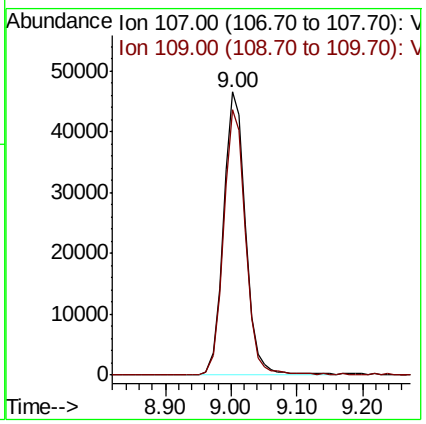
#61
1,2-Dibromoethane
Concen: 51.932 ug/l
RT: 9.00 min Scan# 849
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

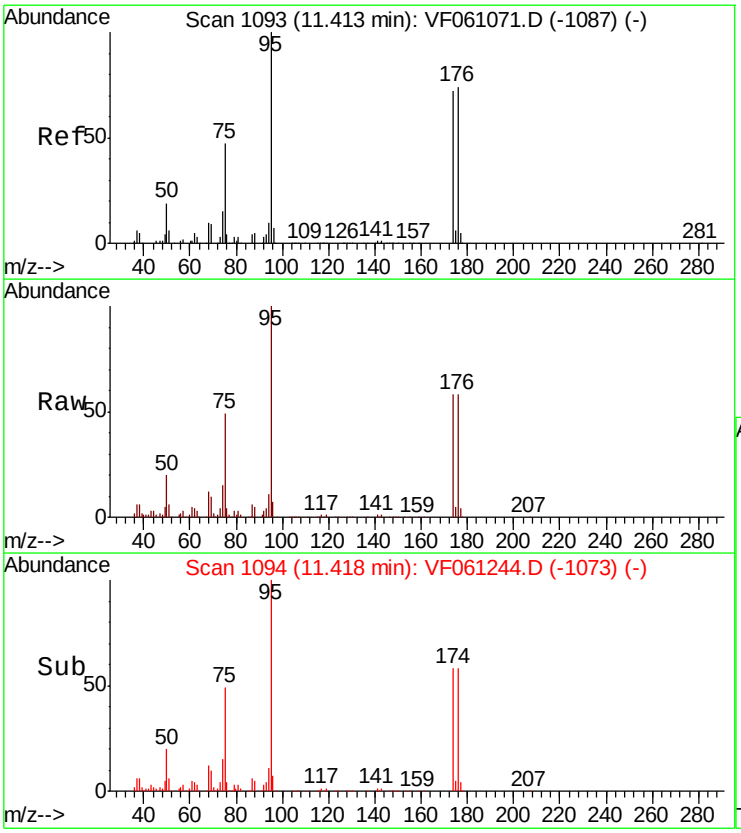
Tgt Ion:107 Resp: 109733

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.7	110.5

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

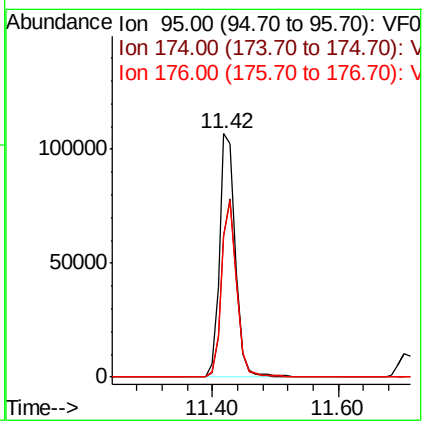


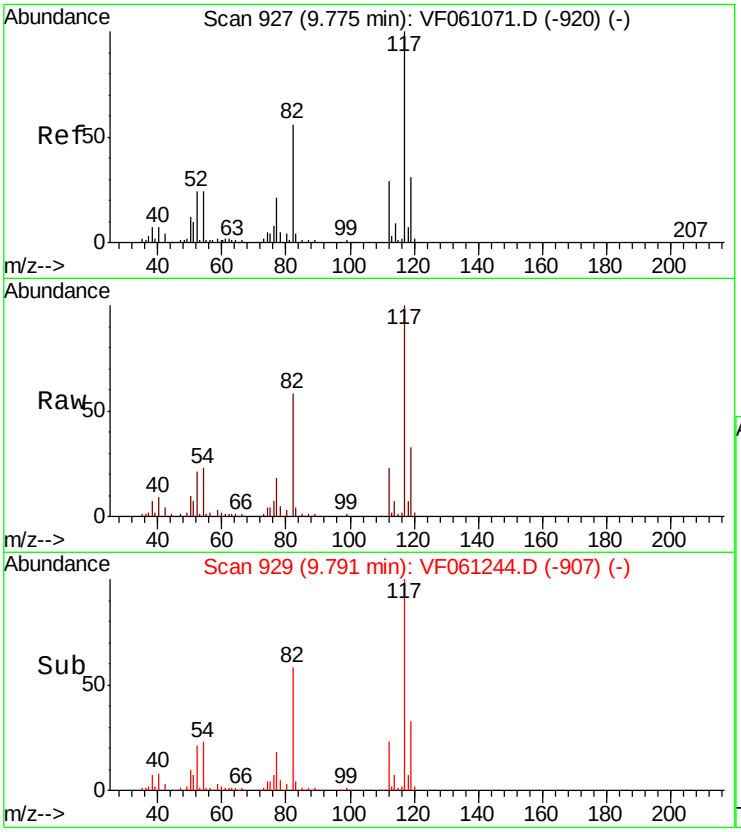


#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 95 Resp: 190617

Ion	Ratio	Lower	Upper
95	100		
174	58.2	0.0	143.8
176	57.9	0.0	147.6

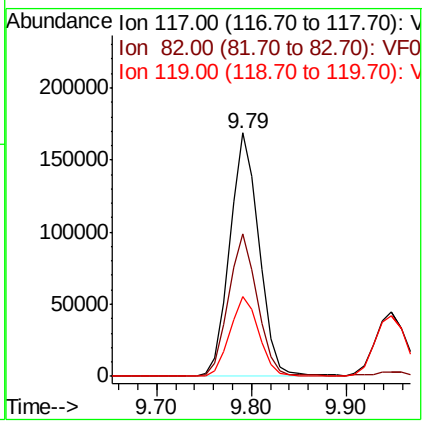




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

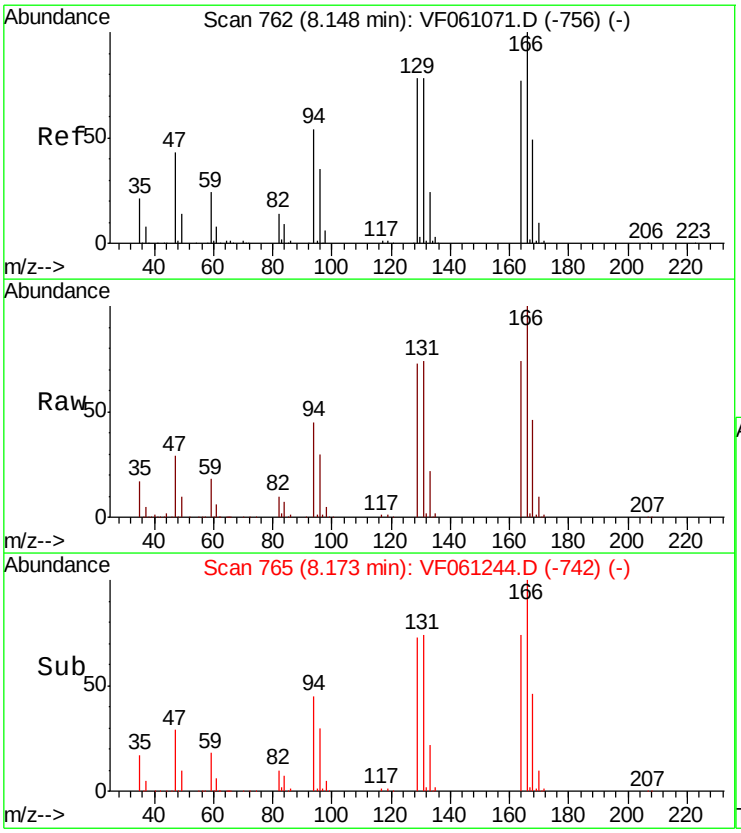
Tgt Ion:117 Resp: 360580

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.4
119	32.7	24.8	37.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

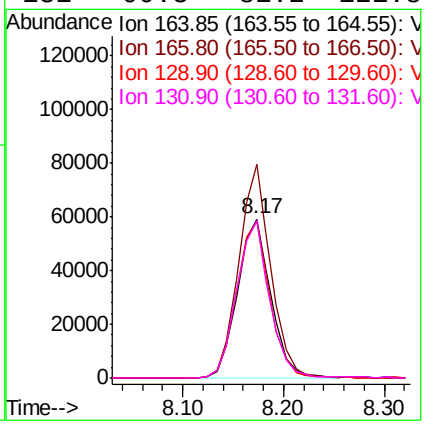
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

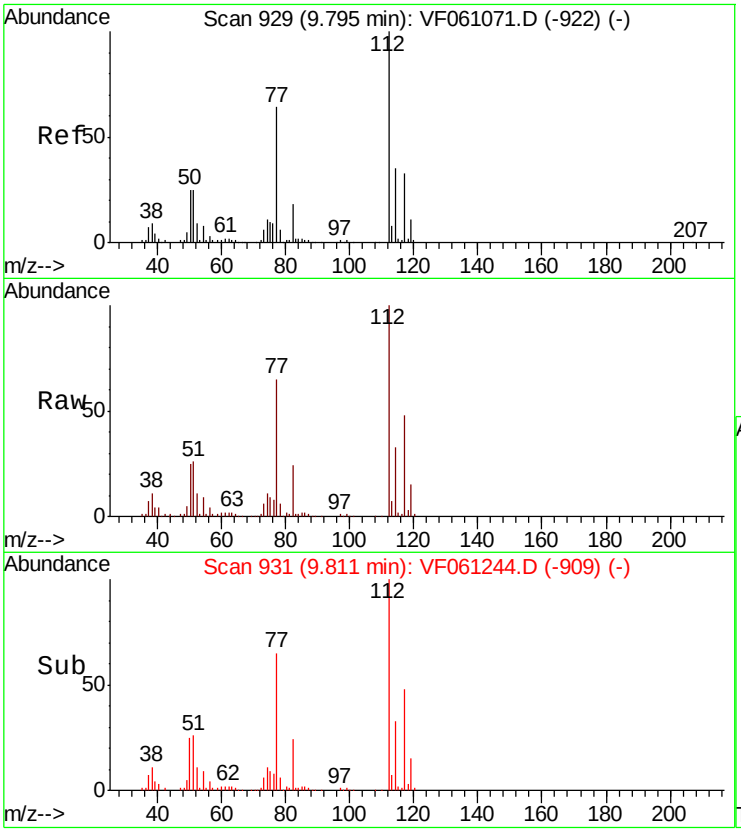


#64
Tetrachloroethene
Concen: 48.986 ug/l
RT: 8.17 min Scan# 765
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:164 Resp: 135877

Ion	Ratio	Lower	Upper
164	100		
166	134.4	104.0	156.0
129	98.3	81.1	121.7
131	99.3	81.2	121.8





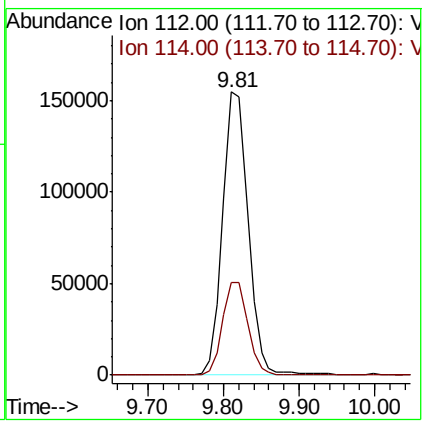
#65
Chlorobenzene
Concen: 48.866 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

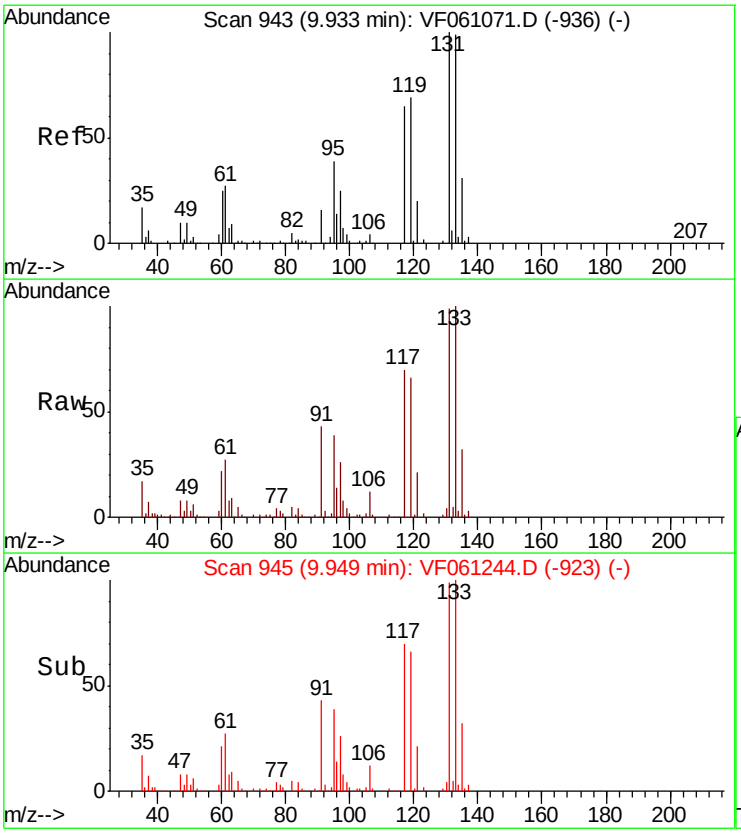
Tgt Ion:112 Resp: 364004

Ion	Ratio	Lower	Upper
112	100		
114	32.9	27.8	41.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

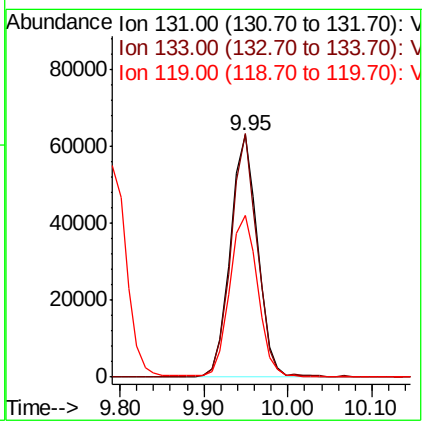


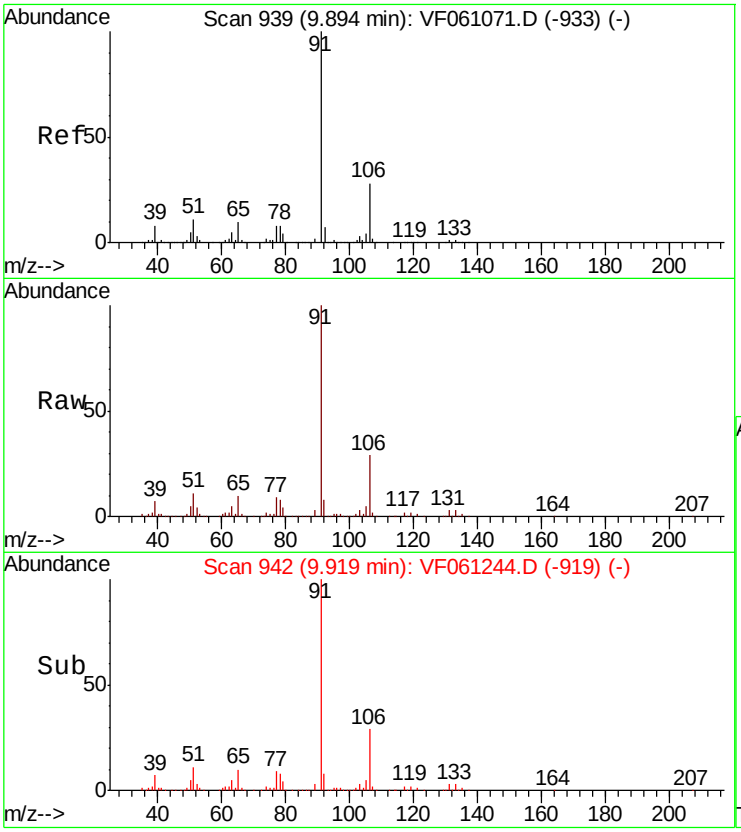


#66
1,1,1,2-Tetrachloroethane
Concen: 46.699 ug/l
RT: 9.95 min Scan# 945
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:131 Resp: 142157

Ion	Ratio	Lower	Upper
131	100		
133	100.7	49.5	148.7
119	66.8	34.5	103.5

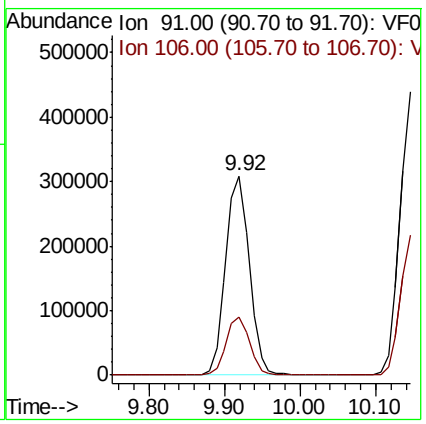




#67
Ethyl Benzene
Concen: 49.690 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.03 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

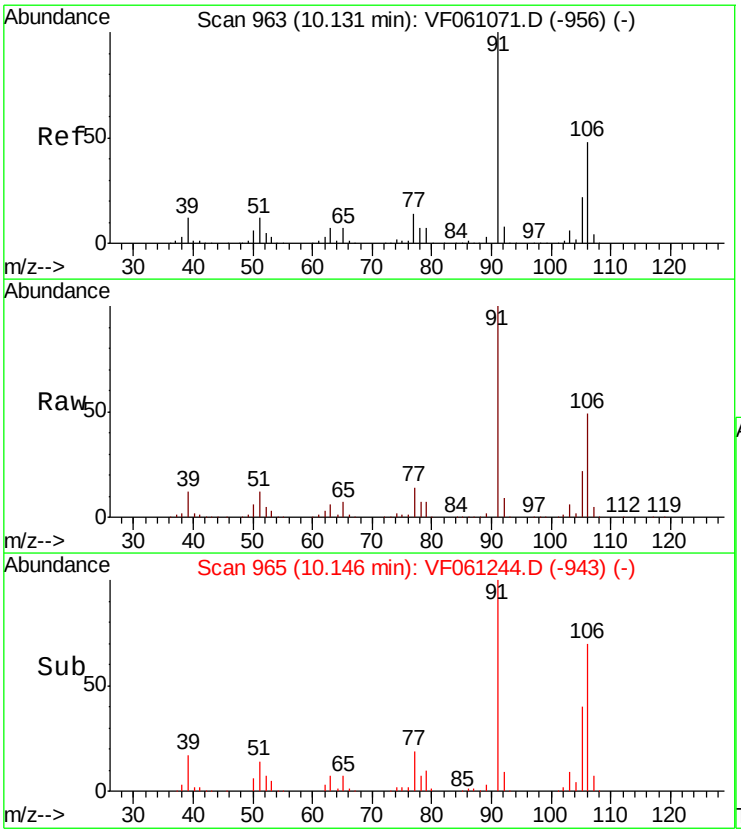
Tgt Ion: 91 Resp: 674334

Ion	Ratio	Lower	Upper
91	100		
106	29.4	22.5	33.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

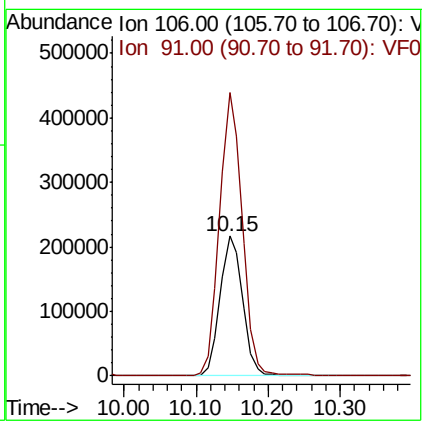
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

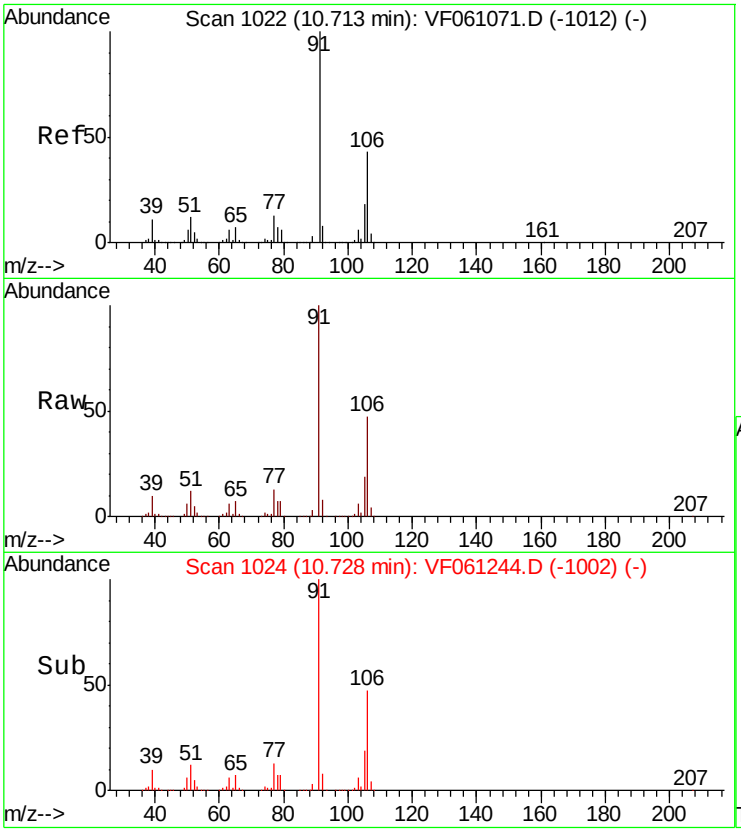


#68
m/p-Xylenes
Concen: 98.429 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:106 Resp: 470088

Ion	Ratio	Lower	Upper
106	100		
91	202.5	168.2	252.2





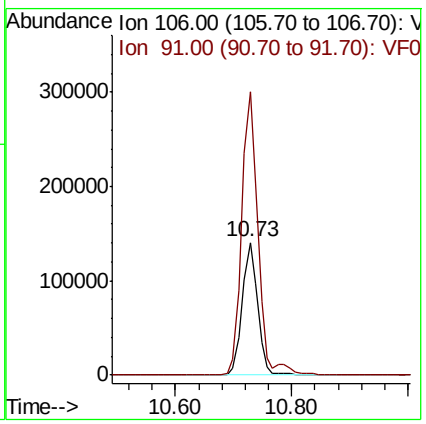
#69
o-Xylene
Concen: 49.266 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

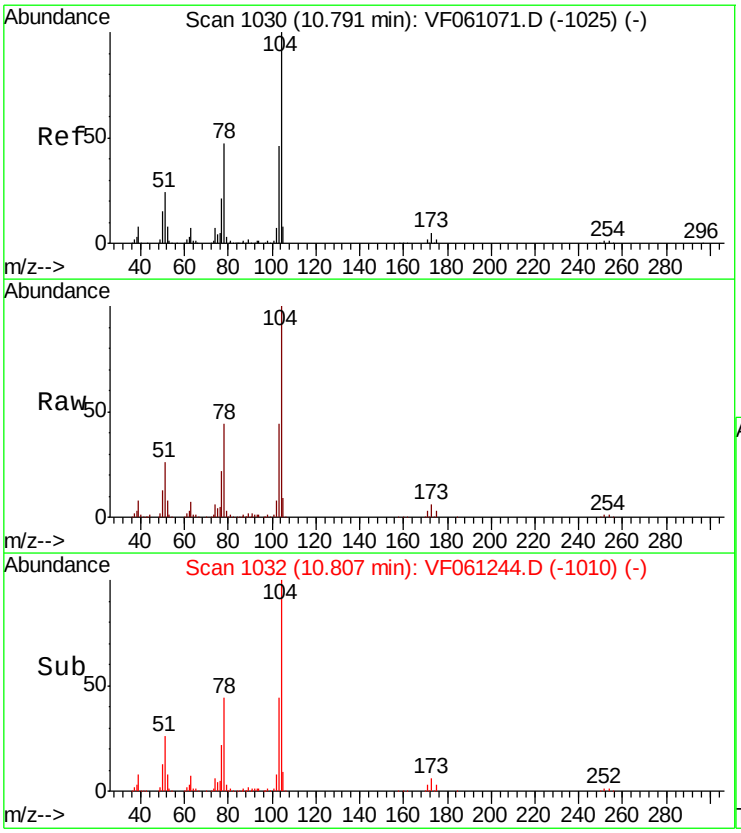
Tgt Ion:106 Resp: 260954

Ion	Ratio	Lower	Upper
106	100		
91	213.6	115.9	347.7

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

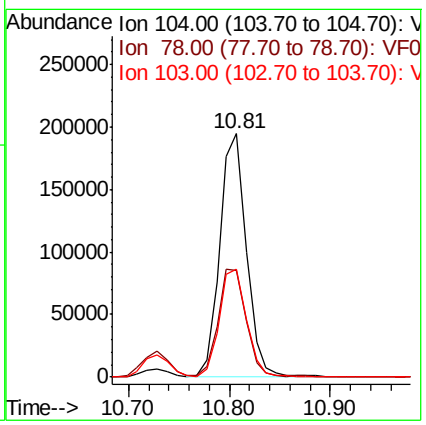


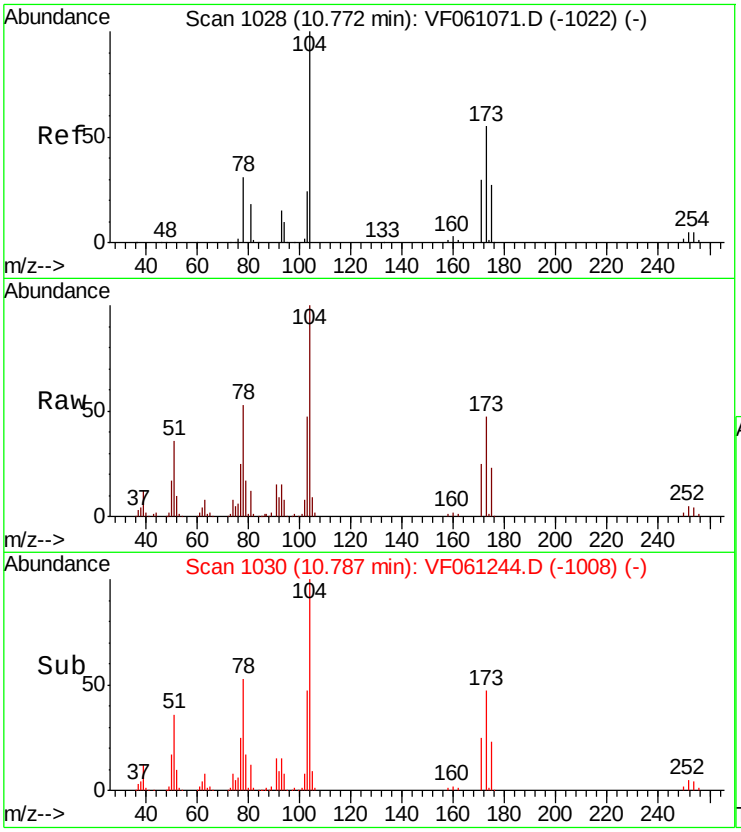


#70
Styrene
Concen: 55.766 ug/l
RT: 10.81 min Scan# 1032
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:104 Resp: 356299

Ion	Ratio	Lower	Upper
104	100		
78	43.9	38.4	57.6
103	44.4	37.0	55.6

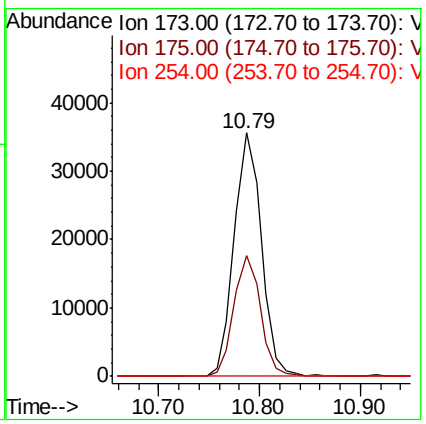




#71
Bromoform
Concen: 47.825 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

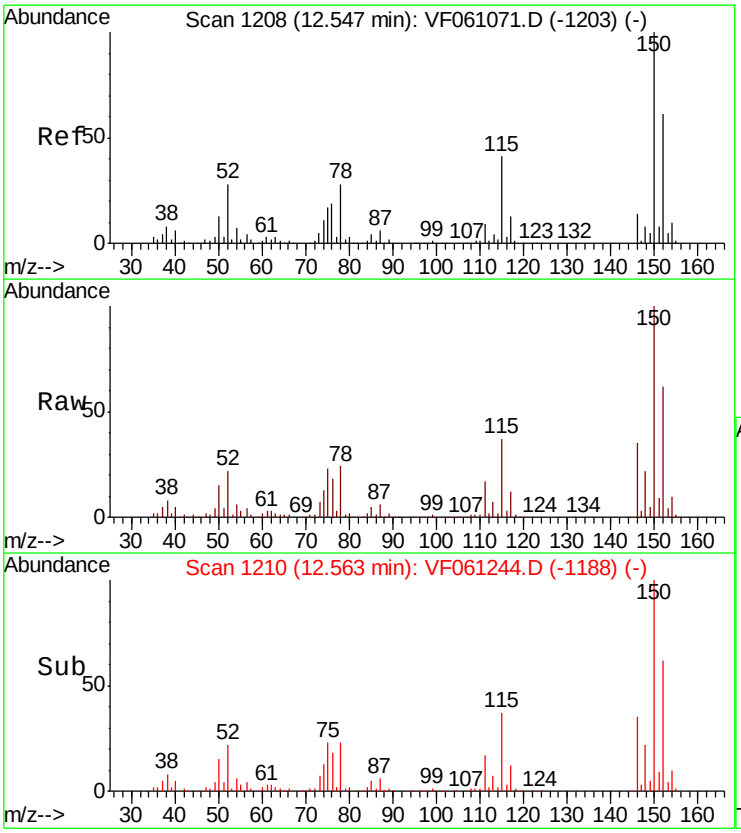
Tgt Ion:173 Resp: 67355

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.8	74.4
254	0.0	0.0	0.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

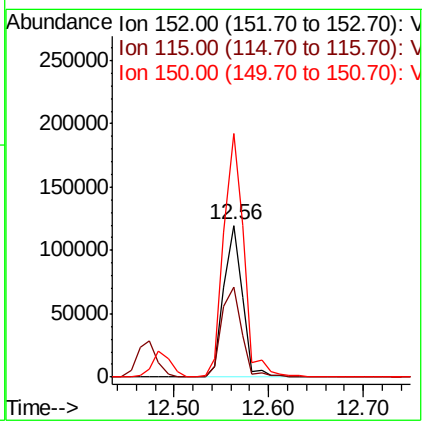
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

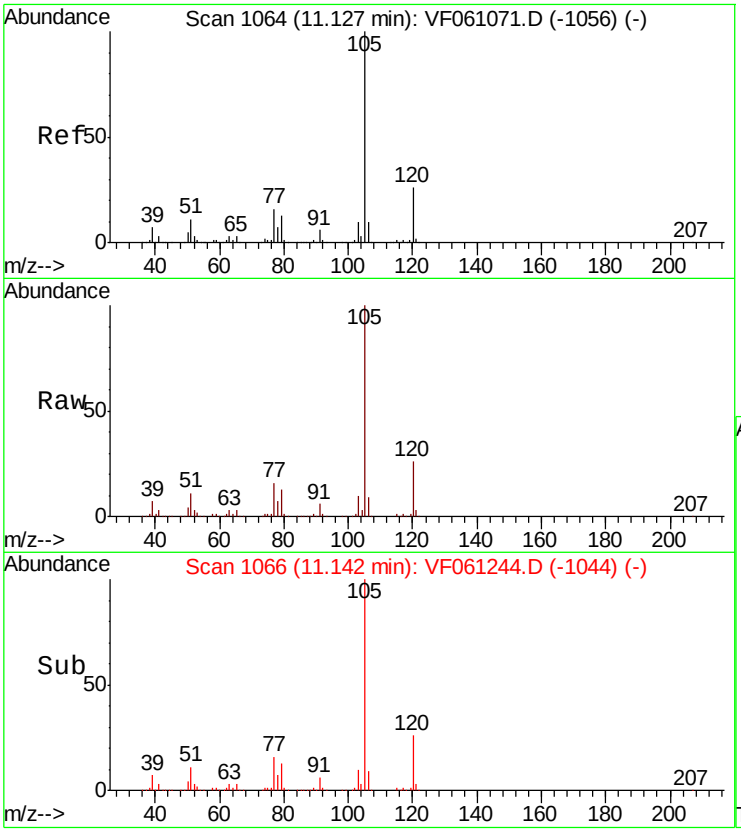


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:152 Resp: 164366

Ion	Ratio	Lower	Upper
152	100		
115	59.2	33.3	99.9
150	160.6	0.0	328.2





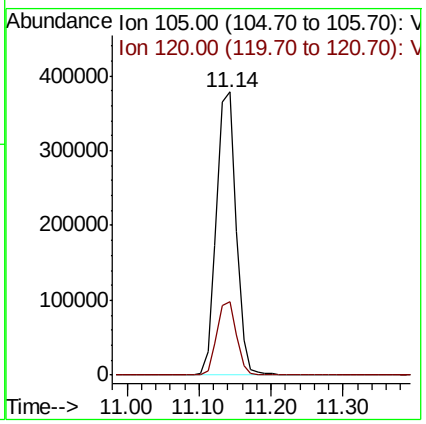
#73
Isopropylbenzene
Concen: 50.775 ug/l
RT: 11.14 min Scan# 1066
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

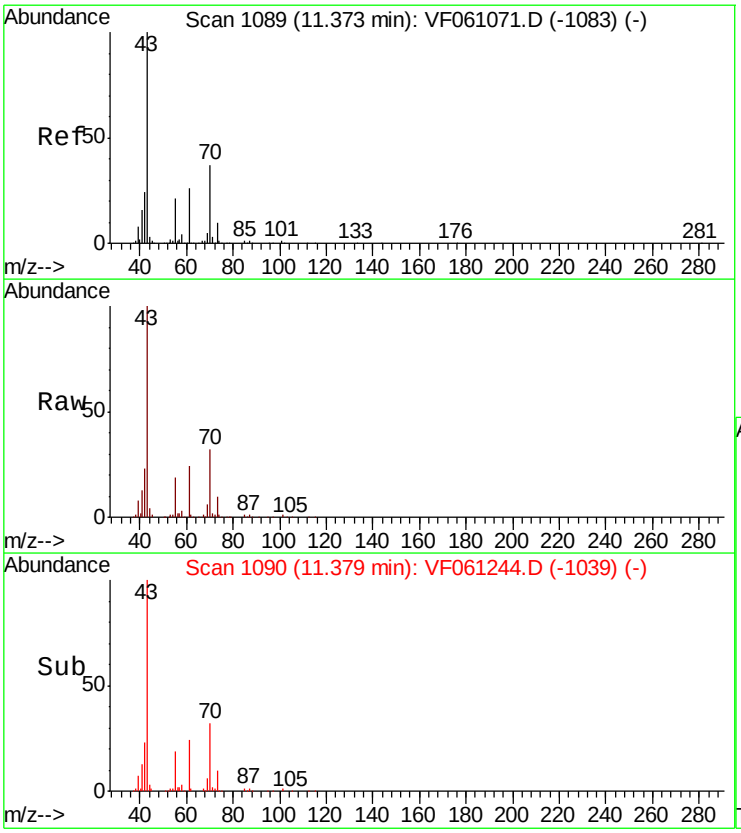
Tgt Ion:105 Resp: 719195

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

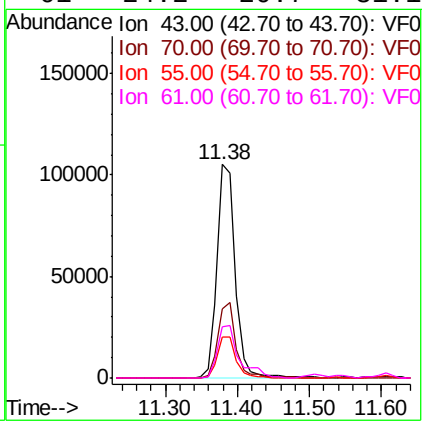


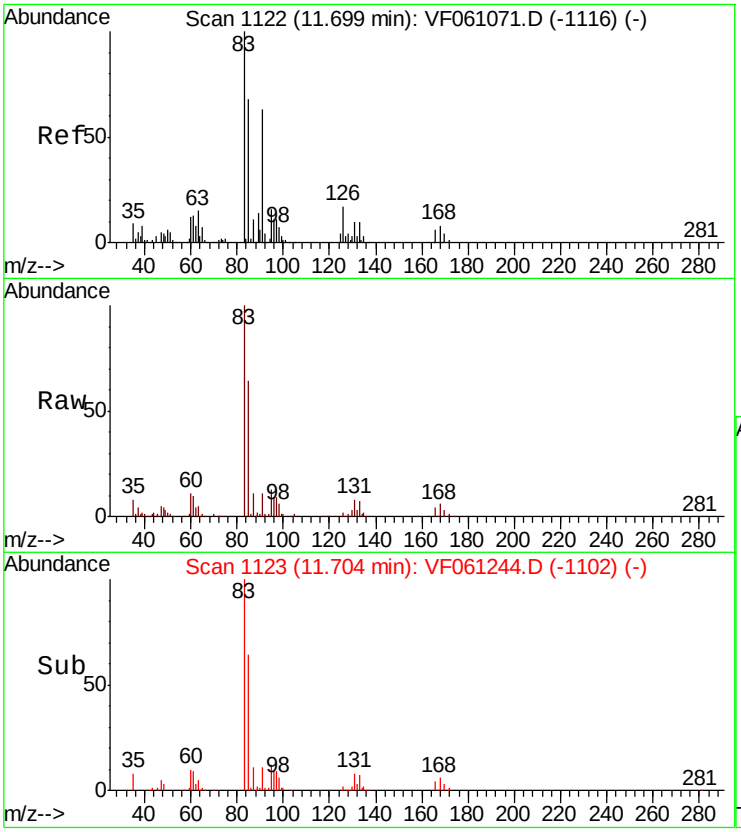


#74
N-amyl acetate
Concen: 58.248 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 43 Resp: 183172

Ion	Ratio	Lower	Upper
43	100		
70	32.4	29.2	43.8
55	19.3	16.5	24.7
61	24.2	20.7	31.1

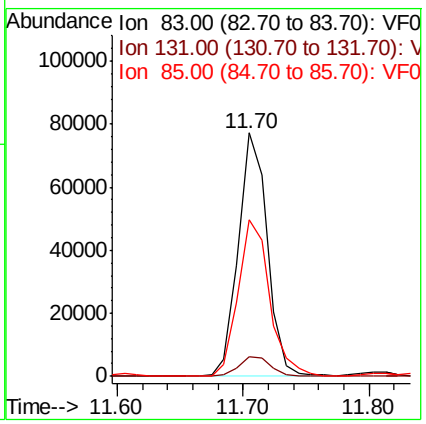




#75
1,1,2,2-Tetrachloroethane
Concen: 52.367 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

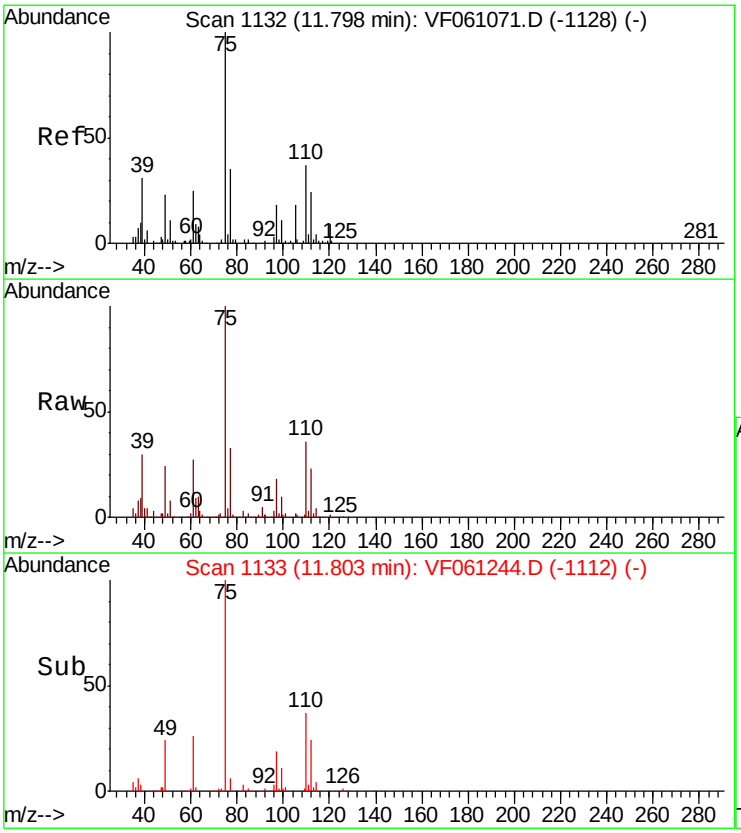
Tgt Ion: 83 Resp: 123104

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.8	14.3
85	64.4	33.9	101.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

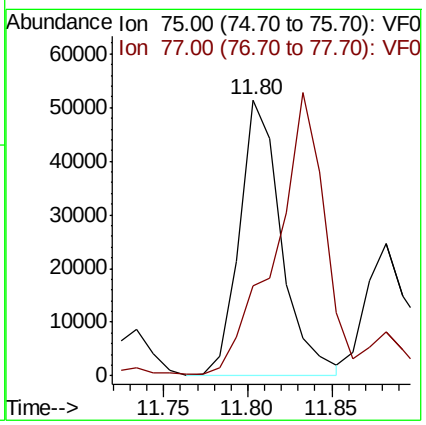
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

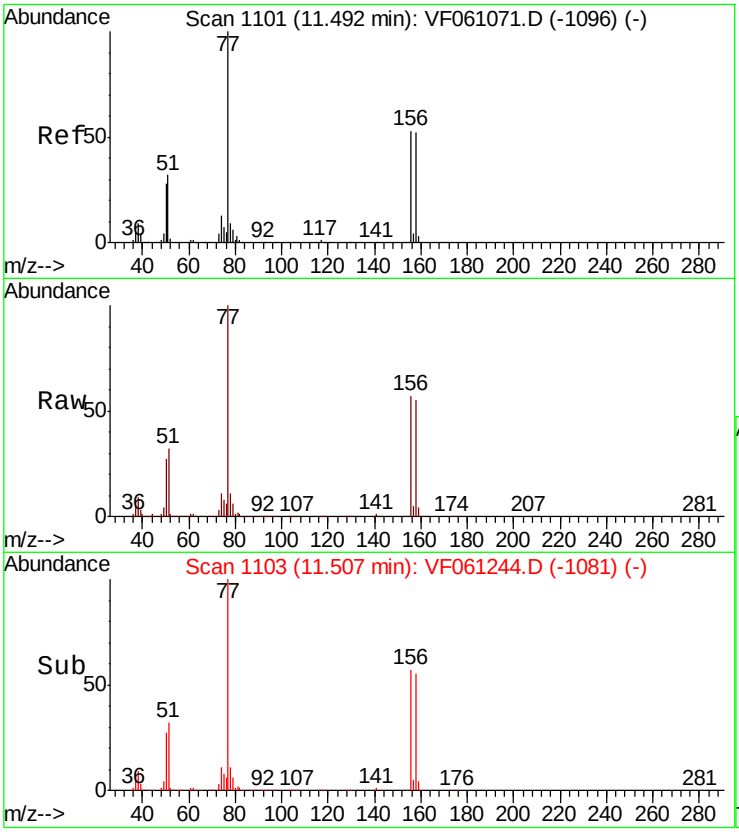


#76
1,2,3-Trichloropropane
Concen: 50.661 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 75 Resp: 88629

Ion	Ratio	Lower	Upper
75	100		
77	32.9	17.6	52.9





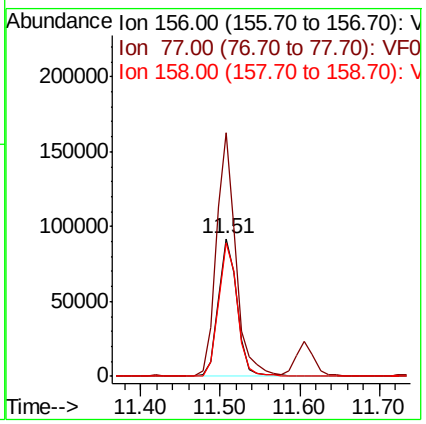
#77
Bromobenzene
Concen: 50.398 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

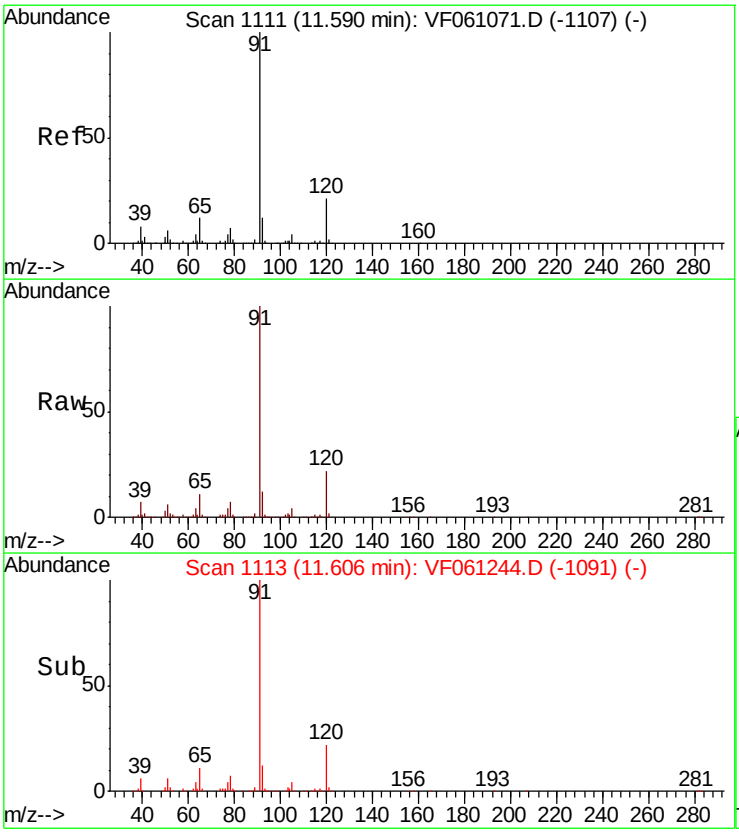
Tgt Ion:156 Resp: 153669

Ion	Ratio	Lower	Upper
156	100		
77	176.9	93.8	281.4
158	97.0	48.9	146.8

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

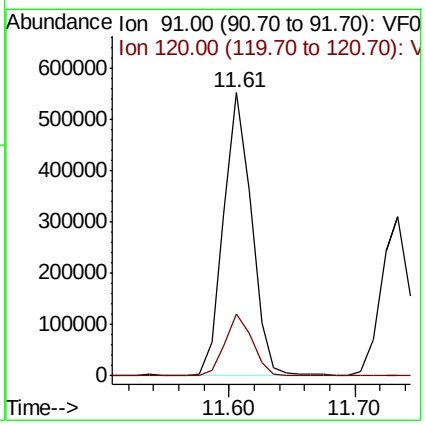


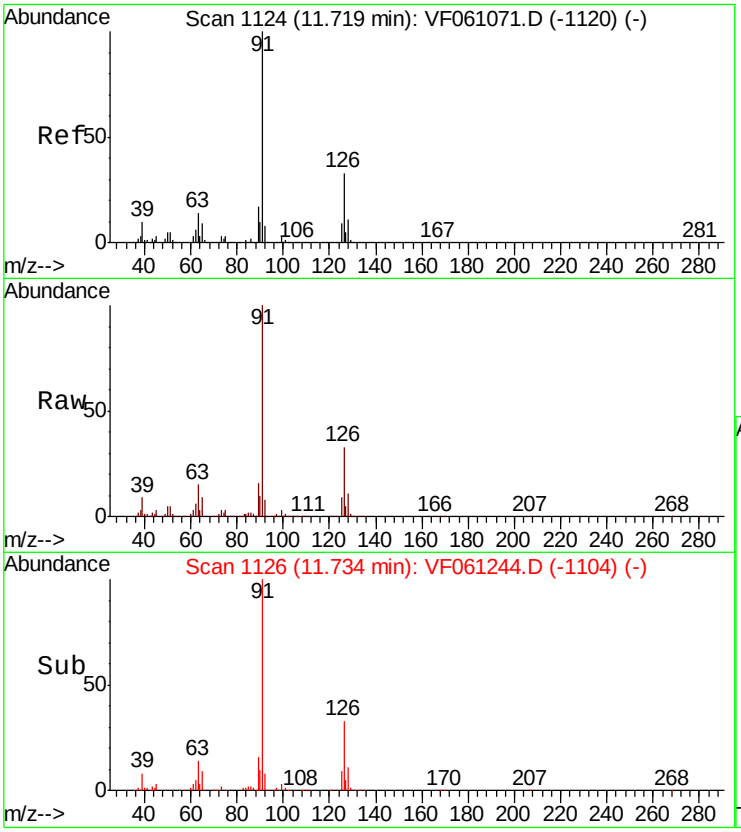


#78
n-propylbenzene
Concen: 52.529 ug/l
RT: 11.61 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 91 Resp: 847636

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.4	31.2

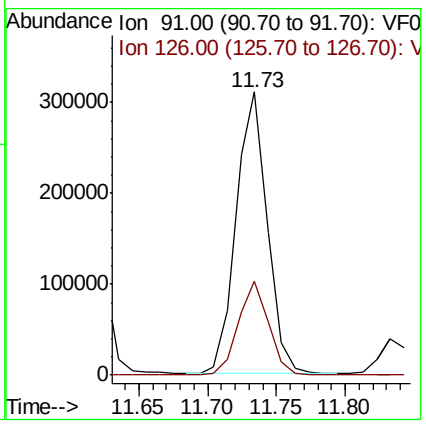




#79
2-Chlorotoluene
Concen: 50.175 ug/l
RT: 11.73 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

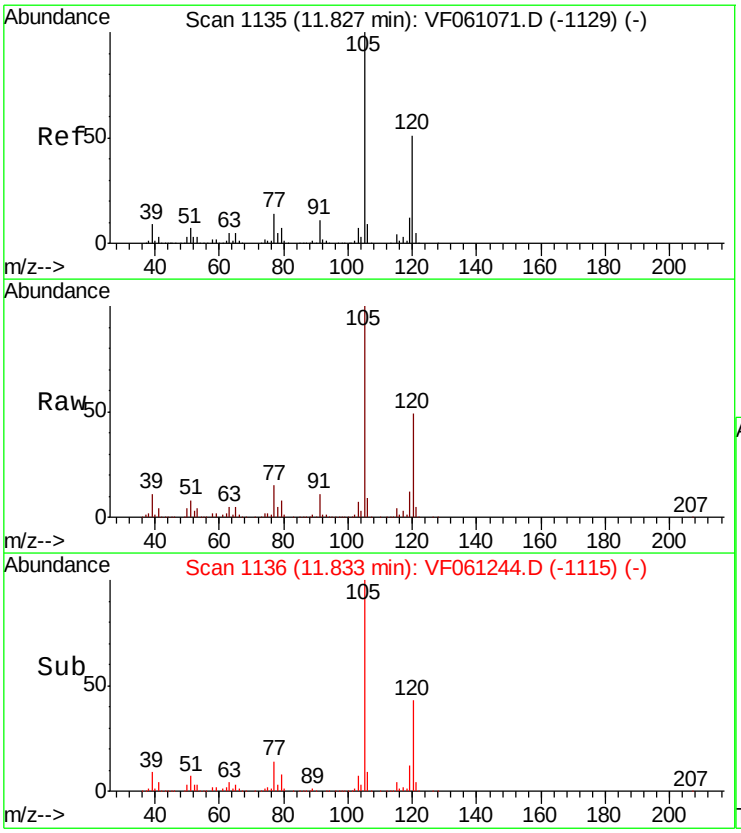
Tgt Ion: 91 Resp: 487536

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.1



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

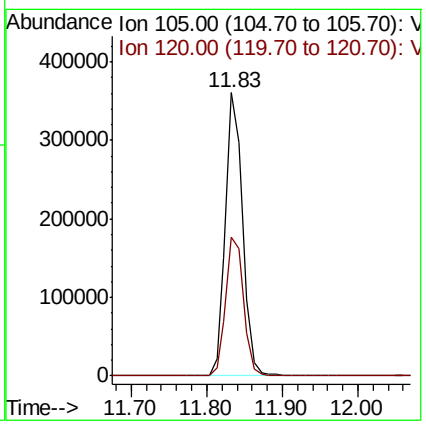
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

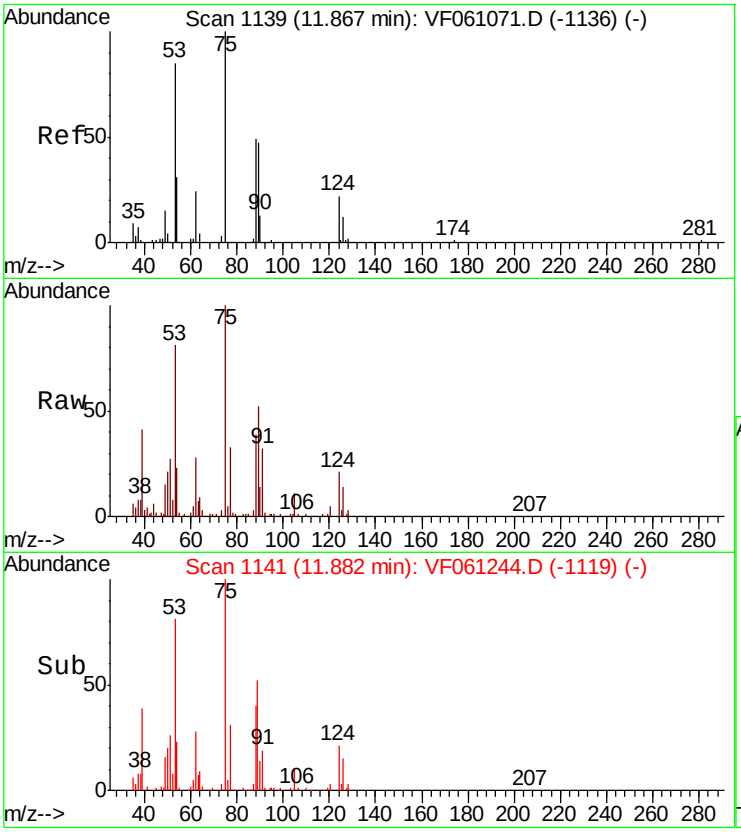


#80
1,3,5-Trimethylbenzene
Concen: 48.358 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:105 Resp: 564013

Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.4	76.4





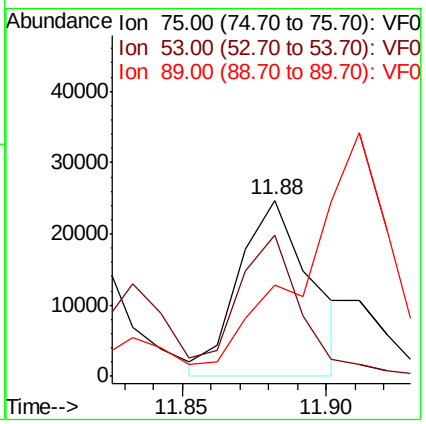
#81
trans-1,4-Dichloro-2-butene
Concen: 56.958 ug/l m
RT: 11.88 min Scan# 1141
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

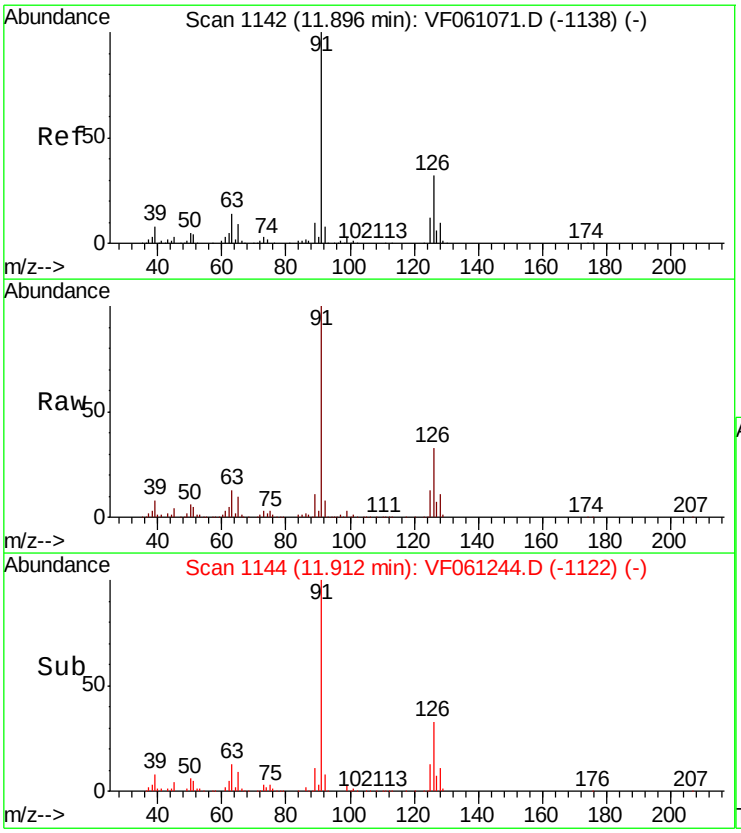
Tgt Ion: 75 Resp: 42819

Ion	Ratio	Lower	Upper
75	100		
53	80.6	74.1	111.1
89	52.2	42.6	64.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

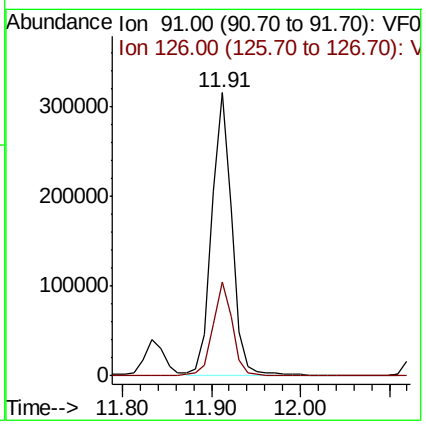


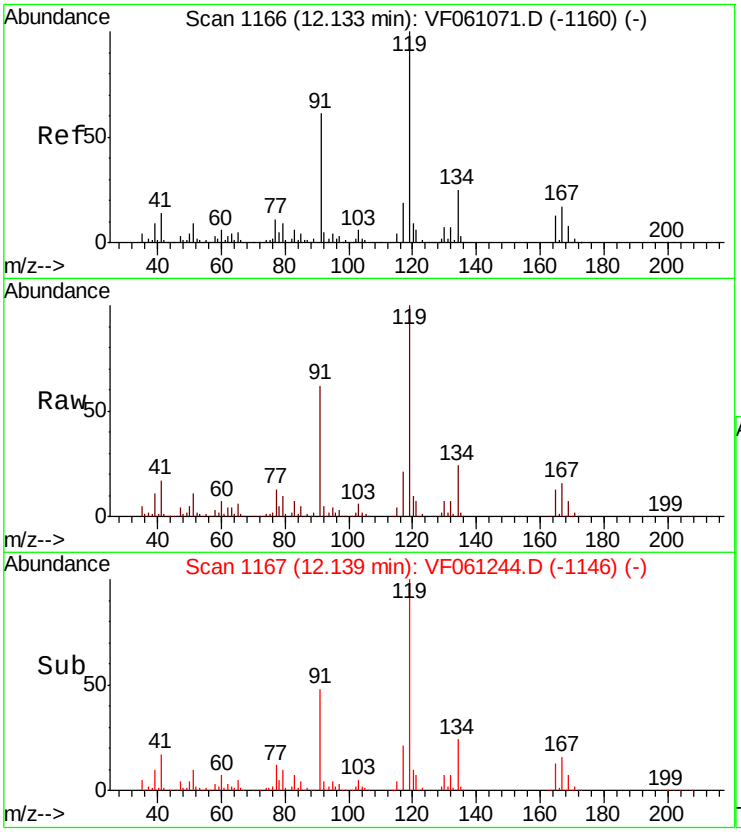


#82
4-Chlorotoluene
Concen: 48.736 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 91 Resp: 489876

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.0	47.9

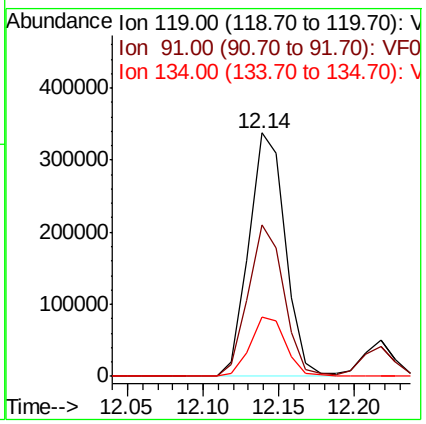




#83
tert-Butylbenzene
Concen: 47.492 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

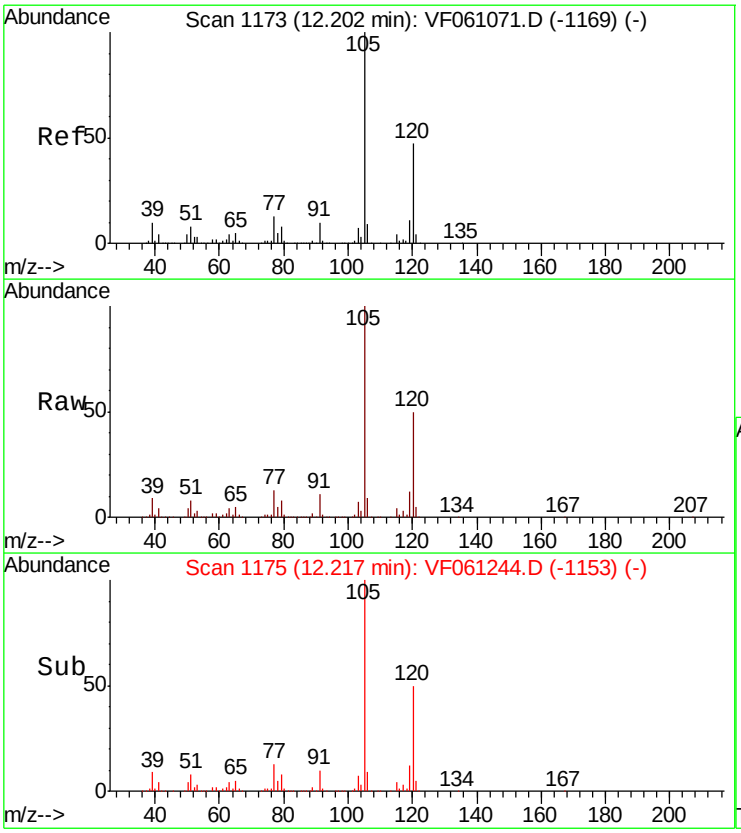
Tgt Ion:119 Resp: 569985

Ion	Ratio	Lower	Upper
119	100		
91	62.3	30.5	91.5
134	24.4	12.4	37.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

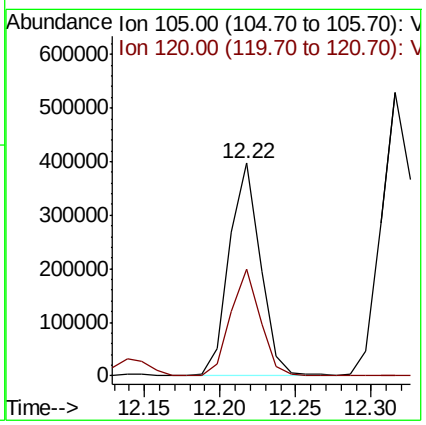
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

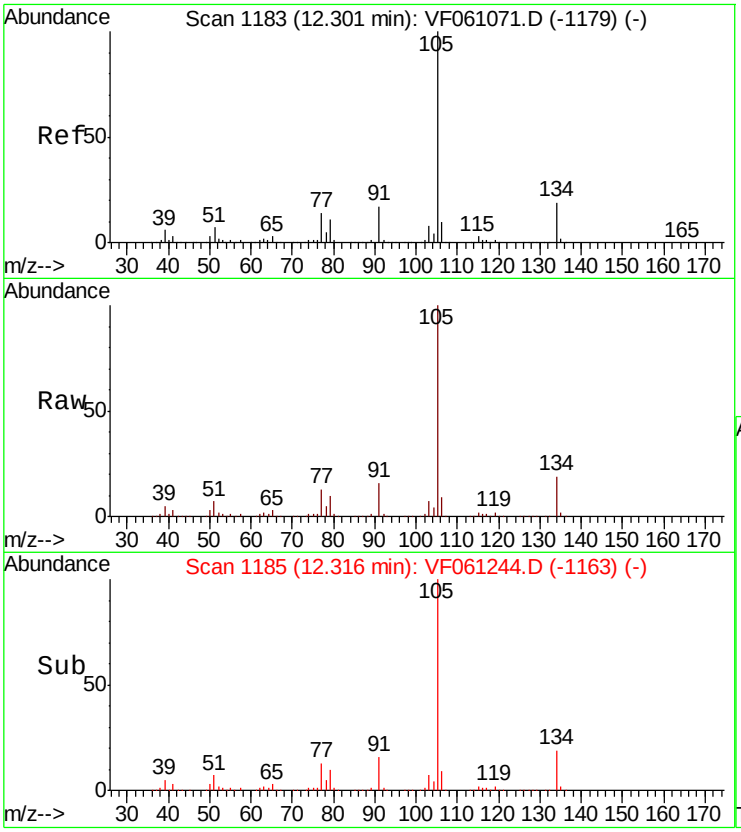


#84
1,2,4-Trimethylbenzene
Concen: 49.001 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:105 Resp: 569917

Ion	Ratio	Lower	Upper
105	100		
120	49.9	23.6	71.0

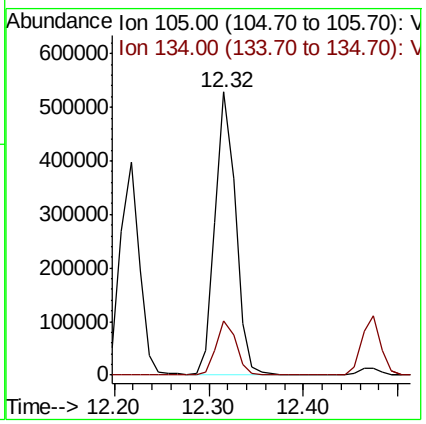




#85
sec-Butylbenzene
Concen: 51.015 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

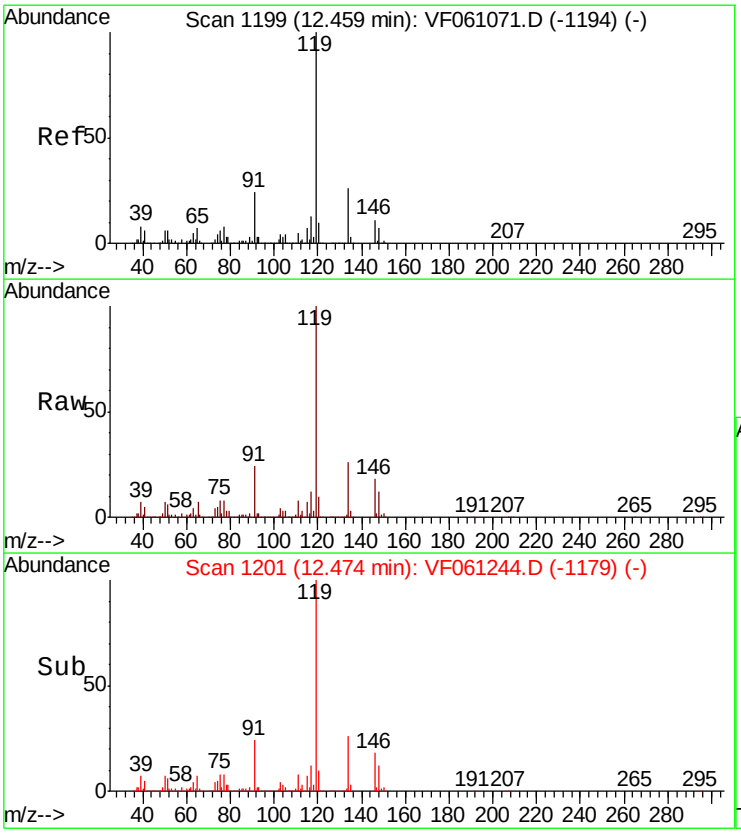
Tgt Ion:105 Resp: 799020

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.4	28.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

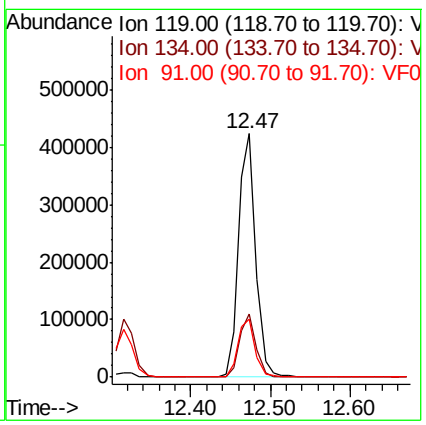
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

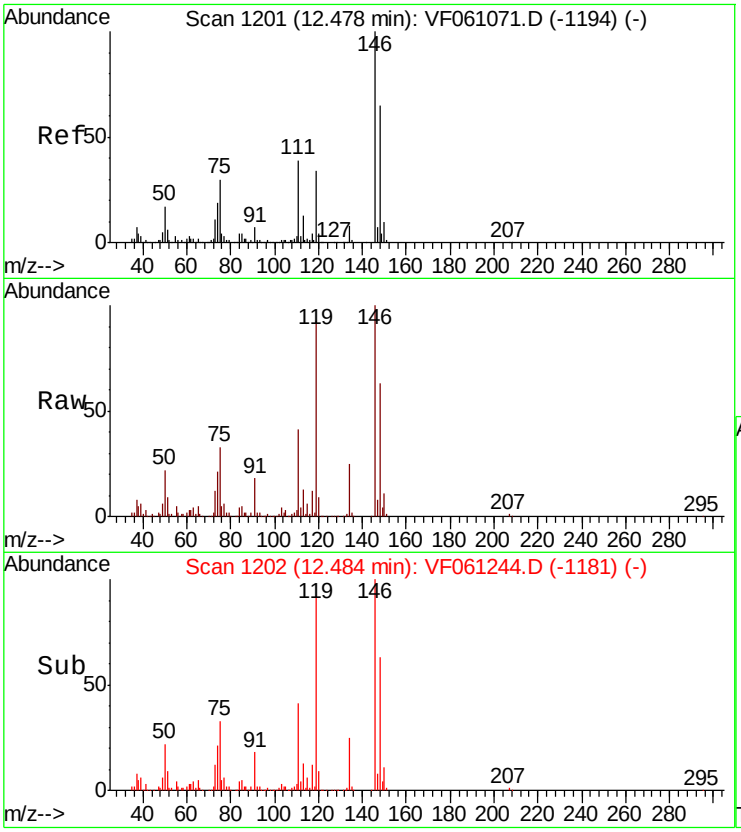


#86
p-Isopropyltoluene
Concen: 48.671 ug/l
RT: 12.47 min Scan# 1201
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:119 Resp: 632746

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.8	38.4
91	23.9	12.2	36.6

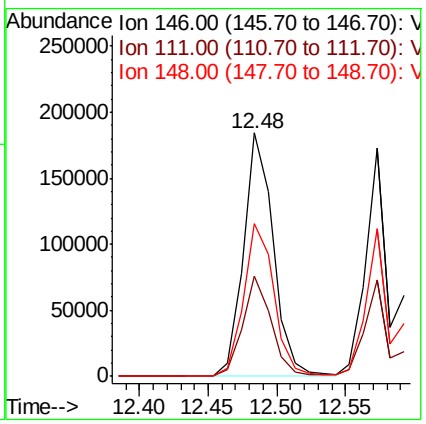




#87
1,3-Dichlorobenzene
Concen: 57.124 ug/l
RT: 12.48 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

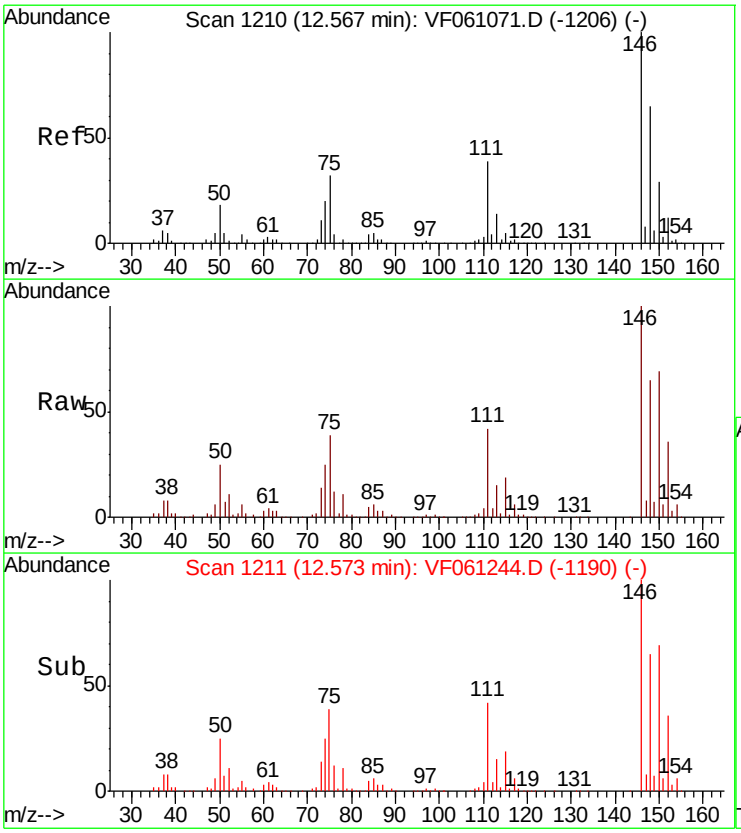
Tgt Ion:146 Resp: 280437

Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.3	57.9
148	62.9	32.4	97.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

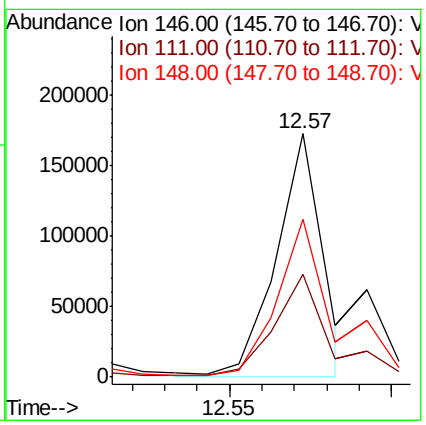
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

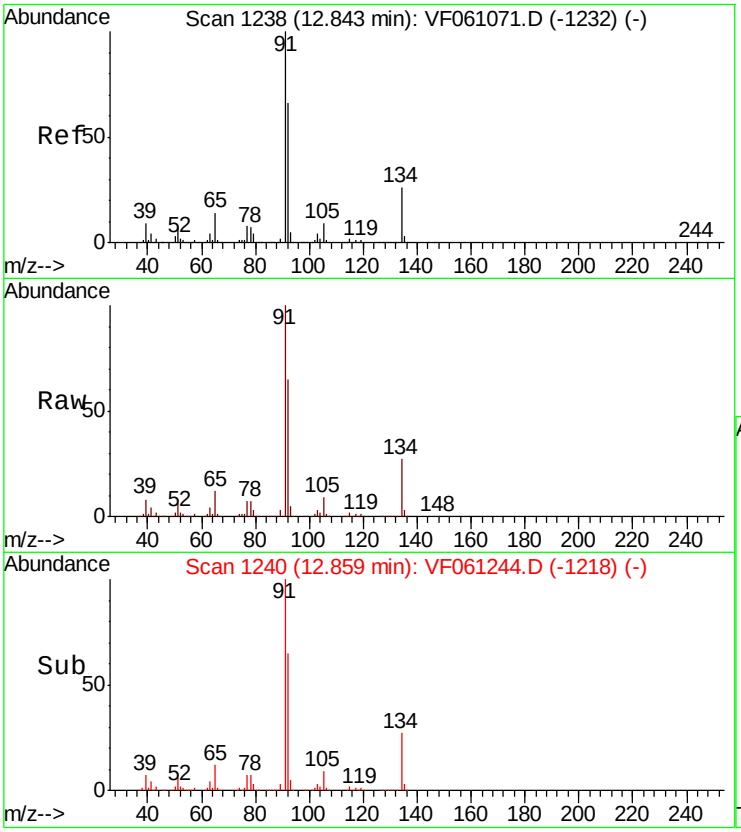


#88
1,4-Dichlorobenzene
Concen: 30.380 ug/l m
RT: 12.57 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:146 Resp: 170093

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.4	58.4
148	65.0	32.4	97.0

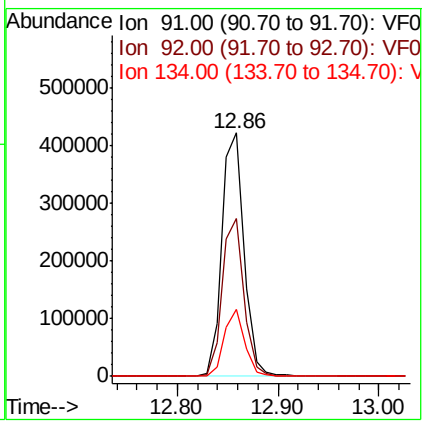




#89
n-Butylbenzene
Concen: 48.892 ug/l
RT: 12.86 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

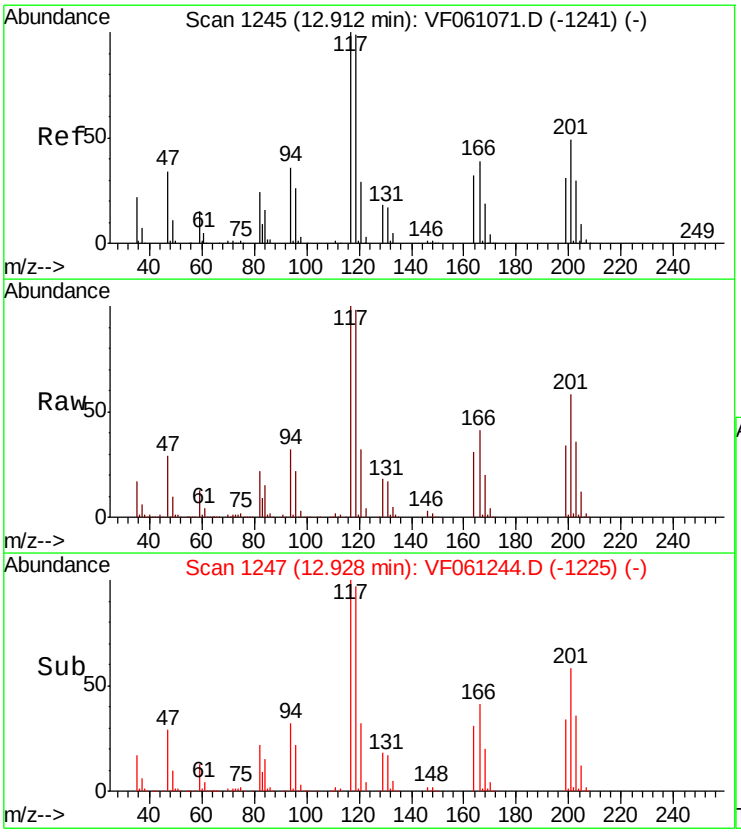
Tgt Ion: 91 Resp: 645406

Ion	Ratio	Lower	Upper
91	100		
92	64.6	32.8	98.4
134	27.4	13.2	39.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

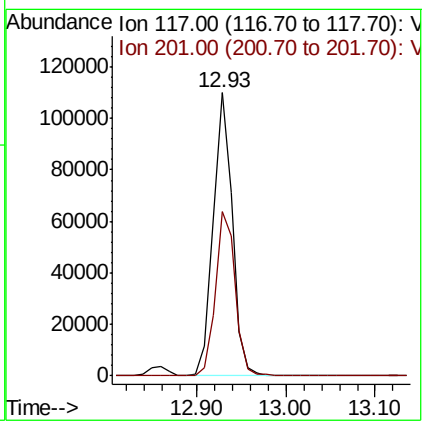
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

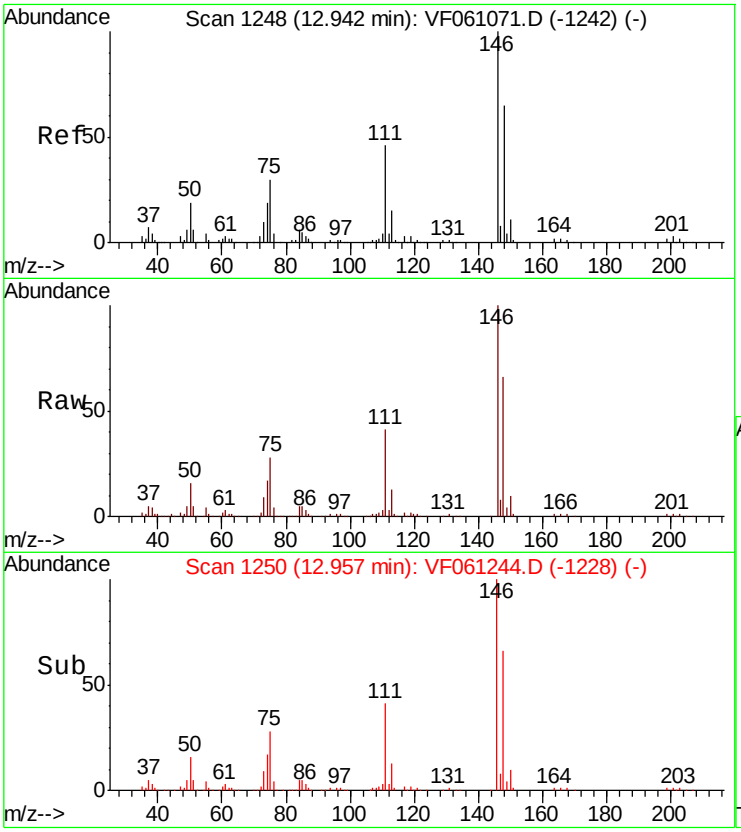


#90
Hexachloroethane
Concen: 51.222 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:117 Resp: 164522

Ion	Ratio	Lower	Upper
117	100		
201	59.7	24.9	74.8

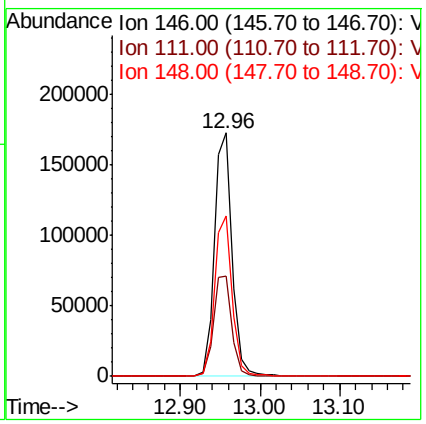




#91
1,2-Dichlorobenzene
Concen: 49.465 ug/l
RT: 12.96 min Scan# 1250
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

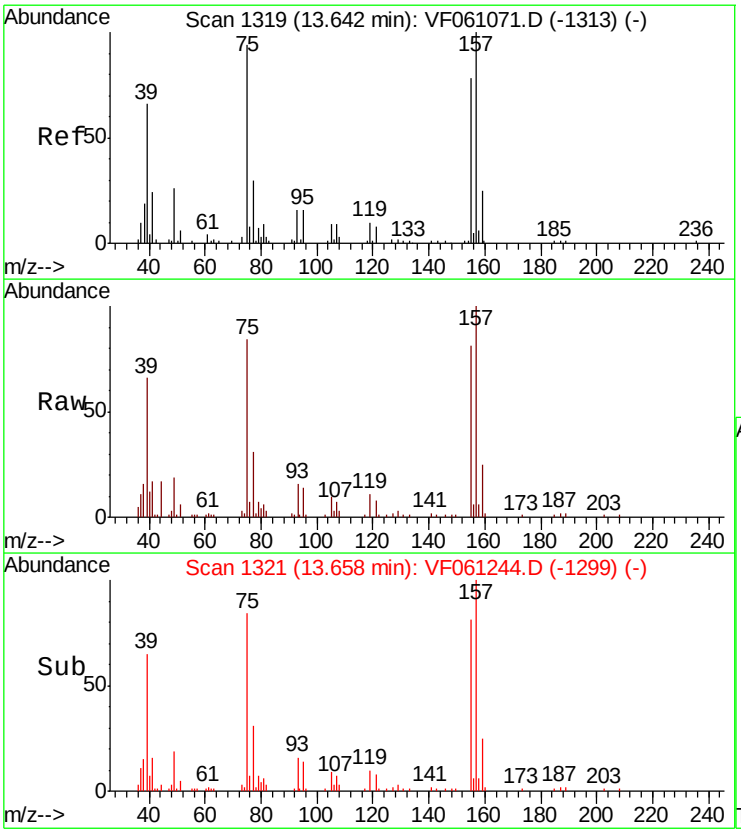
Tgt Ion:146 Resp: 269633

Ion	Ratio	Lower	Upper
146	100		
111	41.4	23.2	69.5
148	65.9	32.4	97.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

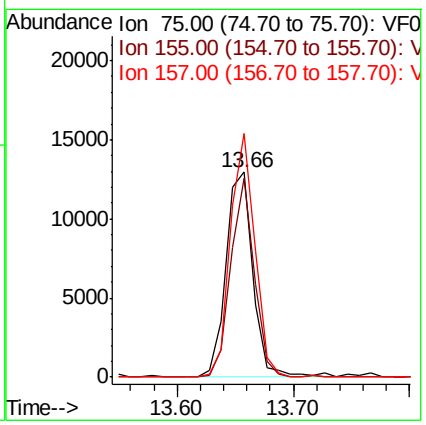
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

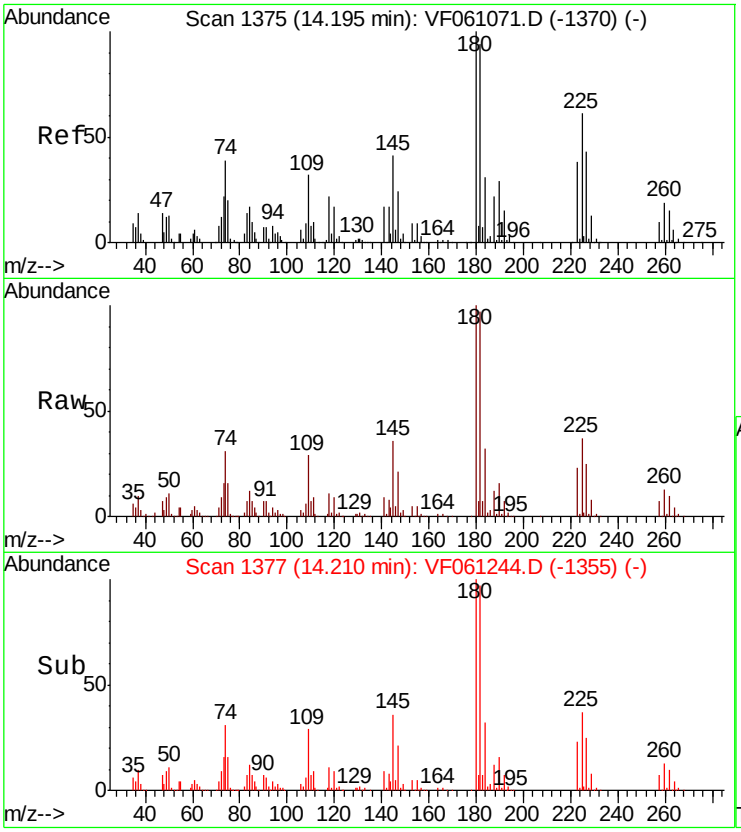


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.266 ug/l
RT: 13.66 min Scan# 1321
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion: 75 Resp: 20821

Ion	Ratio	Lower	Upper
75	100		
155	96.7	41.5	124.5
157	118.7	53.2	159.6

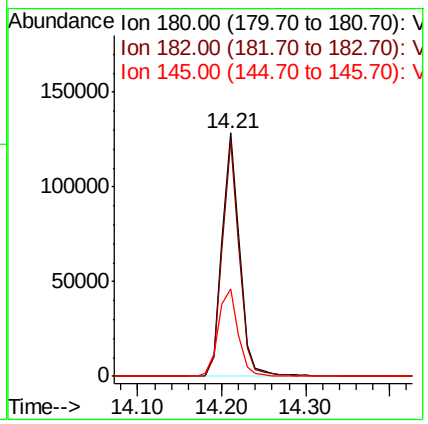




#93
1,2,4-Trichlorobenzene
Concen: 48.513 ug/l
RT: 14.21 min Scan# 1377
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

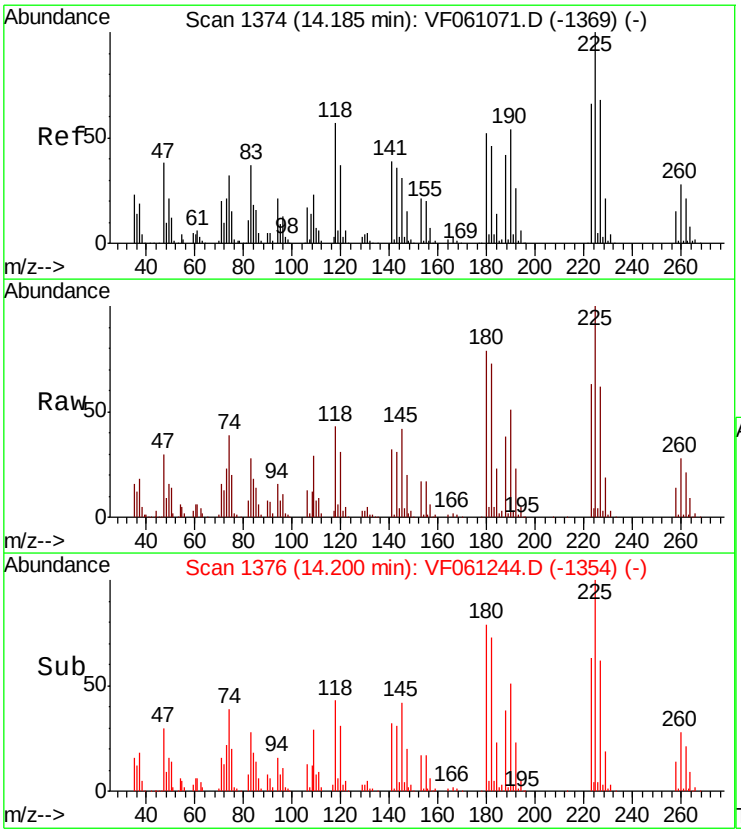
Tgt Ion:180 Resp: 187543

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.6
145	36.0	20.5	61.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

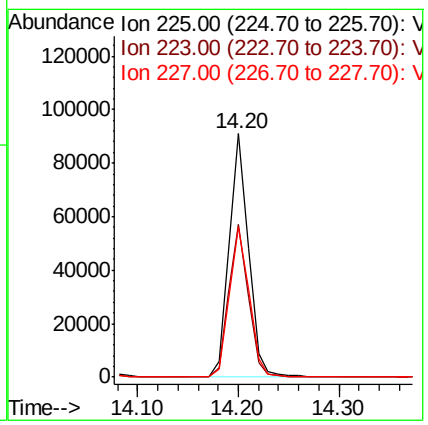
Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM

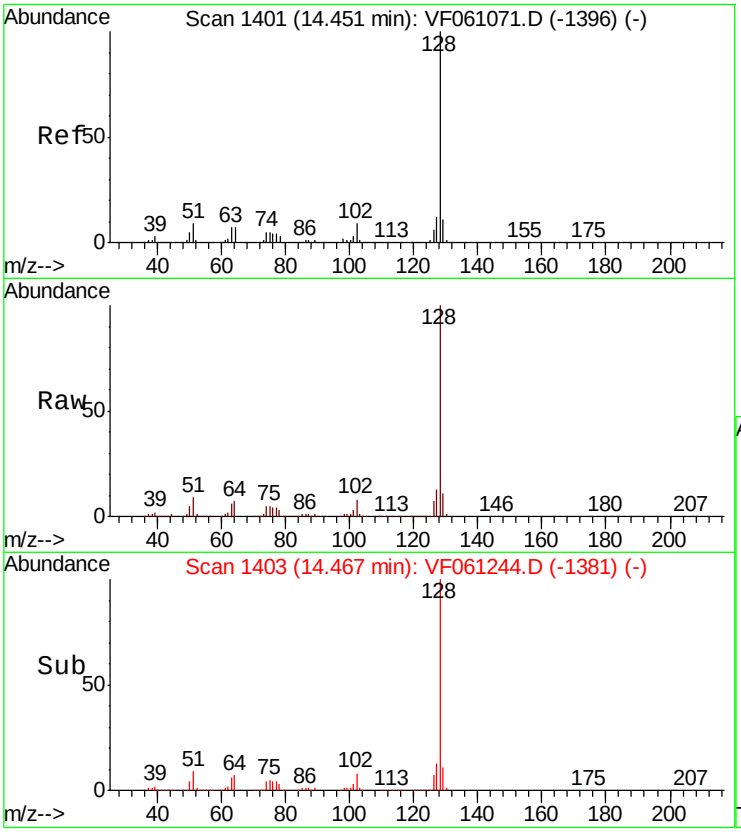


#94
Hexachlorobutadiene
Concen: 49.351 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:225 Resp: 121510

Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.8	98.3
227	61.9	34.0	101.8

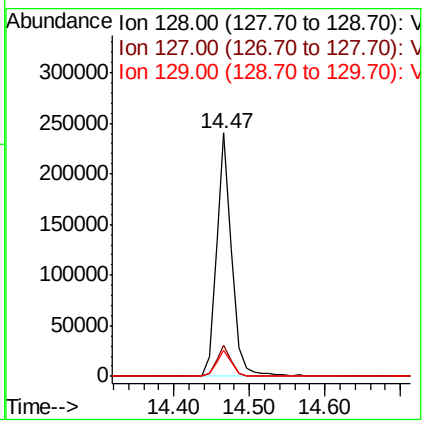




#95
Naphthalene
Concen: 47.999 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

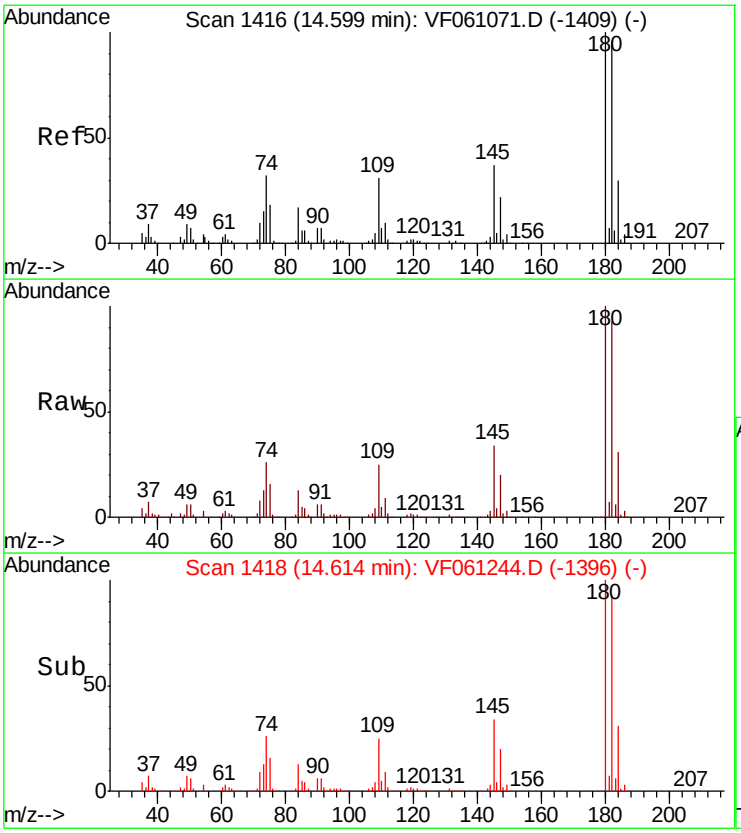
Tgt Ion:128 Resp: 338830

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.4	14.2
129	10.9	8.8	13.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/2/2019 11:52:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.026 ug/l
RT: 14.61 min Scan# 1418
Delta R.T. 0.02 min
Lab File: VF061244.D
Acq: 28 Dec 2018 19:10

Tgt Ion:180 Resp: 178780

Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.9	143.8
145	33.9	18.6	55.8