Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051673.D
Acq On : 5 Oct 2018 8:04
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Quant Time: Oct 05 10:50:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 10:47:33 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	103893	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	604528	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	495626	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	222704	31.33	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.43%				
60) 4-Bromofluorobenzene	12.40	95	196764	26.29	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 87.63%				
63) Toluene-d8	10.09	98	704996	29.69	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.97%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	23725	4.698	ug/l		97
3) Chloromethane	2.06	50	29020	3.303	ug/l		99
4) Vinyl Chloride	2.18	62	45558	4.821	ug/l		98
5) Bromomethane	2.57	94	38257	6.228	ug/l		91
6) Chloroethane	2.71	64	30848	5.268	ug/l		98
7) Trichlorofluoromethane	3.02	101	45255	3.662	ug/l		91
8) Diethyl Ether	3.41	74	14550	3.970	ug/l		83
9) 1,1,2-Trichlorotrifluoroet	3.76	101	29721	4.760	ug/l	#	36
10) 1,1-Dichloroethene	3.73	96	27259	4.778	ug/l		89
11) Methyl Iodide	3.95	142	24716	2.901	ug/l		94
12) Methyl Acetate	4.33	43	20869	4.190	ug/l		99
13) Acrolein	3.61	56	8657	12.742	ug/l		87
14) Acrylonitrile	4.99	53	39727	19.477	ug/l	#	49
15) Acetone	3.82	58	11242	22.602	ug/l		75
16) Carbon Disulfide	4.05	76	72219	4.014	ug/l		96
17) Allyl chloride	4.33	41	35186	3.516	ug/l		83
18) Methylene Chloride	4.55	84	28571	4.184	ug/l		97
19) trans-1,2-Dichloroethene	5.04	96	28525	4.592	ug/l		89
20) Diisopropyl ether	5.95	45	84963	4.172	ug/l	#	93
21) 1,1-Dichloroethane	5.85	63	52018	4.284	ug/l		97
22) cis-1,2-Dichloroethene	6.83	96	35017	5.020	ug/l		89
23) tert-Butyl Alcohol	4.79	59	7499	19.656	ug/l	#	100
24) Methyl tert-Butyl Ether	5.05	73	82519	5.303	ug/l	#	87
25) Chloroform	7.37	83	59021	4.858	ug/l		95
26) Cyclohexane	7.65	56	42875	4.155	ug/l	#	79
29) 1,1-Dichloropropene	7.79	75	38932	3.880	ug/l		94
30) 2-Butanone	6.84	43	56805	22.266	ug/l		95
31) 2,2-Dichloropropane	6.83	77	56312	5.264	ug/l	#	84
32) 1,1,1-Trichloroethane	7.57	97	56419	4.923	ug/l		94
33) Carbon Tetrachloride	7.77	117	48685	4.655	ug/l		92
34) Benzene	8.04	78	119026	3.984	ug/l		95
35) Methacrylonitrile	7.18	41	11072	3.437	ug/l		87
36) 1,2-Dichloroethane	8.12	62	41329	4.293	ug/l	#	93
37) Trichloroethene	8.83	130	33830	4.292	ug/l		98
38) Methylcyclohexane	9.08	83	51233	4.459	ug/l		82
39) 1,2-Dichloropropane	9.12	63	30182	3.714	ug/l		96
40) Dibromomethane	9.21	93	20440	4.420	ug/l		95

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Quant Time: Oct 05 10:50:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 10:47:33 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Bromodichloromethane	9.40	83	46531	4.588	ug/l		93
42) Vinyl Acetate	5.90	43	294483	20.539	ug/l	#	95
43) Ethyl Acetate	6.93	43	17922	3.337	ug/l		96
44) Isopropyl Acetate	8.17	43	46713	4.540	ug/l	#	61
45) 1,4-Dioxane	9.21	88	5356	85.128	ug/l		87
46) Methyl methacrylate	9.20	41	19684	3.854	ug/l		82
47) n-amyl Acetate	12.07	43	33633m	4.114	ug/l		
48) t-1,3-Dichloropropene	10.38	75	39951	4.002	ug/l		92
49) cis-1,3-Dichloropropene	9.84	75	48645	4.172	ug/l		90
50) 1,1,2-Trichloroethane	10.56	97	27510	4.173	ug/l		94
51) Ethyl methacrylate	10.43	69	33603	4.353	ug/l		90
52) 1,3-Dichloropropane	10.71	76	44520	4.000	ug/l		96
53) Dibromochloromethane	10.90	129	34482	4.547	ug/l		97
54) 1,2-Dibromoethane	11.01	107	26930	4.253	ug/l		99
55) 2-Chloroethyl vinyl ether	9.70	63	71921	18.681	ug/l		95
56) Bromoform	12.12	173	21614	4.253	ug/l	#	93
58) 4-Methyl-2-Pentanone	9.99	43	115219	22.489	ug/l	#	95
59) 2-Hexanone	10.75	43	78821	23.629	ug/l		95
61) Tetrachloroethene	10.63	164	33014	4.859	ug/l		95
62) Toluene	10.16	91	129024	4.313	ug/l		99
64) Chlorobenzene	11.43	112	80837	4.415	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.51	131	33339	4.703	ug/l		99
66) Ethyl Benzene	11.51	91	143039	4.653	ug/l		98
67) m/p-Xylenes	11.62	106	106058	8.873	ug/l		99
68) o-Xylene	11.95	106	53809	4.737	ug/l		95
69) Styrene	11.96	104	79314	4.409	ug/l		98
70) Isopropylbenzene	12.25	105	141997	4.663	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.50	83	30720	4.351	ug/l		95
72) 1,2,3-Trichloropropane	12.55	75	25187m	4.119	ug/l		
73) Bromobenzene	12.53	156	31598	4.157	ug/l		90
74) n-propylbenzene	12.59	91	150299	4.263	ug/l		99
75) 2-Chlorotoluene	12.67	91	87801	4.211	ug/l		96
76) 1,3,5-Trimethylbenzene	12.73	105	115595	4.590	ug/l		99
77) t-1,4-Dichloro-2-butene	12.30	75	7242	3.799	ug/l		97
78) 4-Chlorotoluene	12.77	91	79199	3.824	ug/l		94
79) tert-butylbenzene	12.99	119	107788	4.941	ug/l		97
80) 1,2,4-Trimethylbenzene	13.04	105	110946	4.367	ug/l		99
81) sec-Butylbenzene	13.17	105	138130	4.595	ug/l		98
82) p-Isopropyltoluene	13.29	119	114797	4.420	ug/l		98
83) 1,3-Dichlorobenzene	13.28	146	47846	3.588	ug/l		93
84) 1,4-Dichlorobenzene	13.36	146	43382	3.459	ug/l		97
85) n-Butylbenzene	13.62	91	83375	3.962	ug/l		98
86) Hexachloroethane	13.87	117	24630	4.776	ug/l		91
87) 1,2-Dichlorobenzene	13.65	146	49599	3.886	ug/l		96
88) 1,2-Dibromo-3-Chloropropan	14.27	75	4536	4.382	ug/l	#	91
89) 1,2,4-Trichlorobenzene	14.91	180	12918	2.093	ug/l		97
90) Hexachlorobutadiene	15.01	225	18128	3.736	ug/l		99
91) Naphthalene	15.13	128	29258	2.581	ug/l		97
92) 1,2,3-Trichlorobenzene	15.32	180	14828	2.383	ug/l		94

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Data File : VN051673.D
Acq On : 5 Oct 2018 8:04
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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Quant Time: Oct 05 10:50:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 10:47:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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QLast Update : Fri Oct 05 10:47:33 2018
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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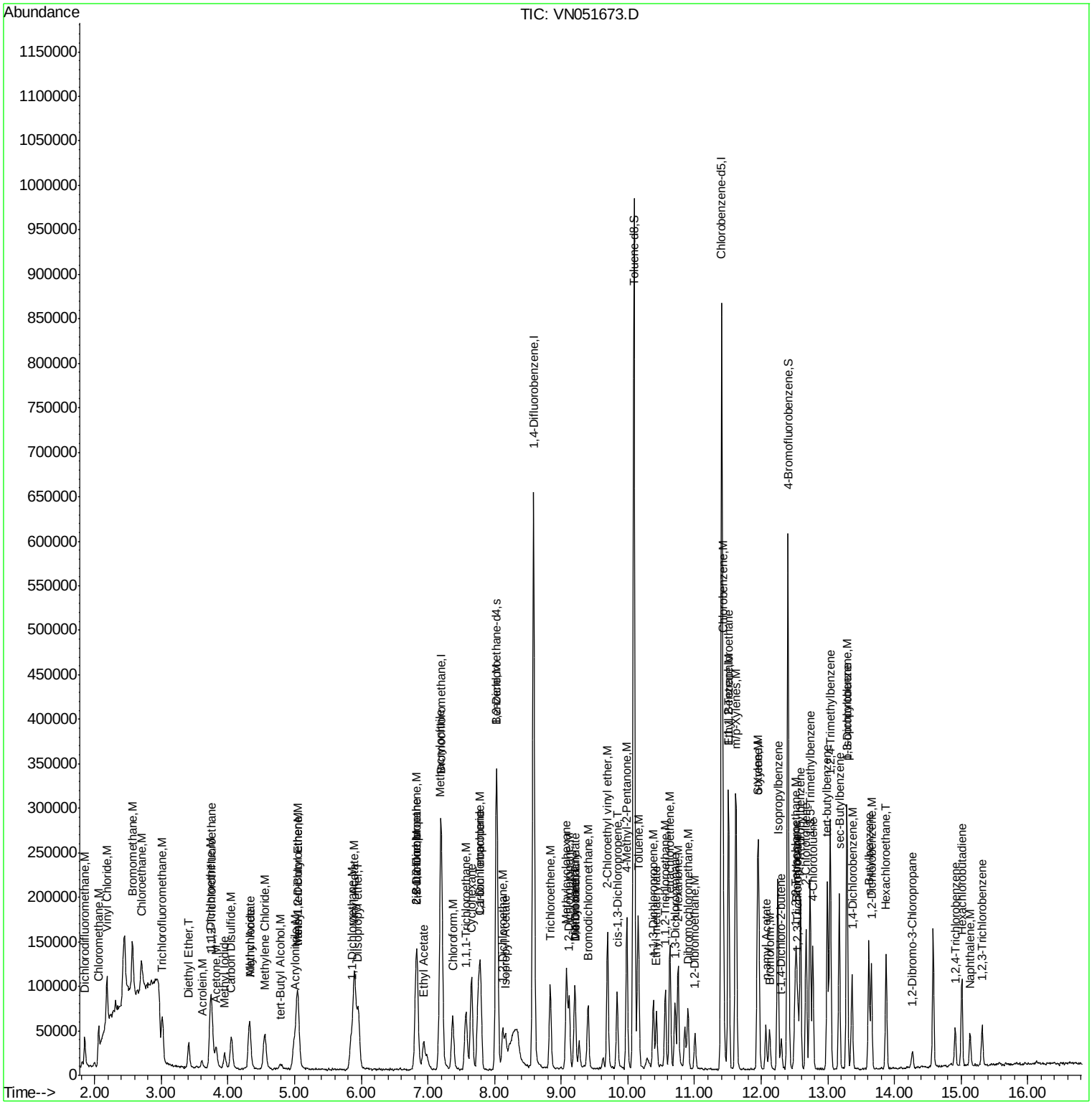
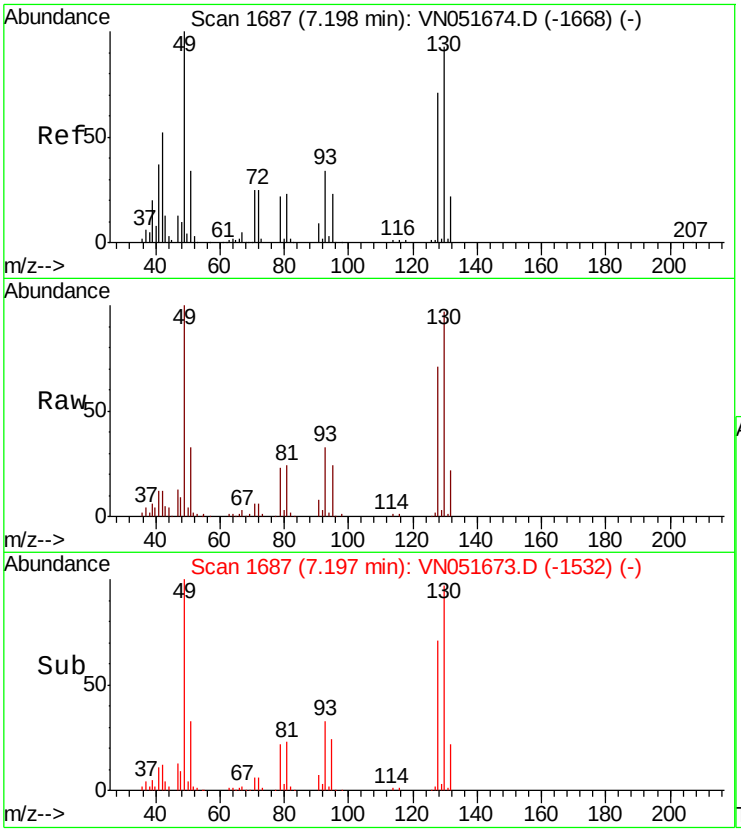
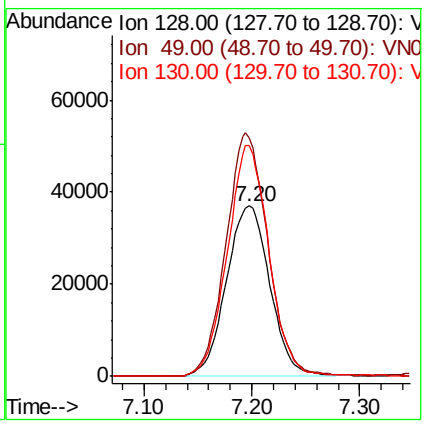




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:128 Resp: 103893

Ion	Ratio	Lower	Upper
128	100		
49	137.7	0.0	403.3
130	129.4	0.0	326.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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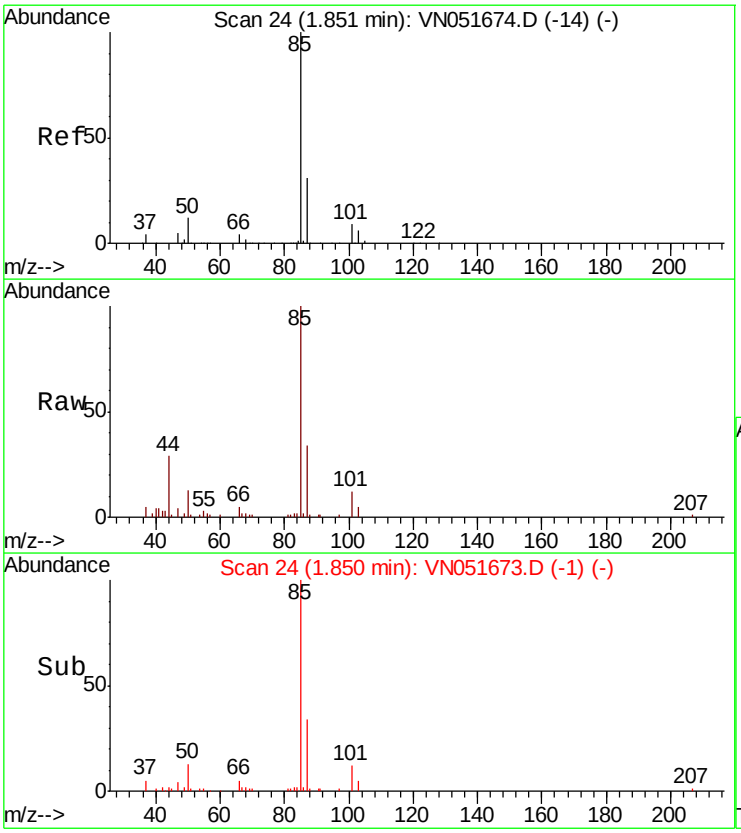
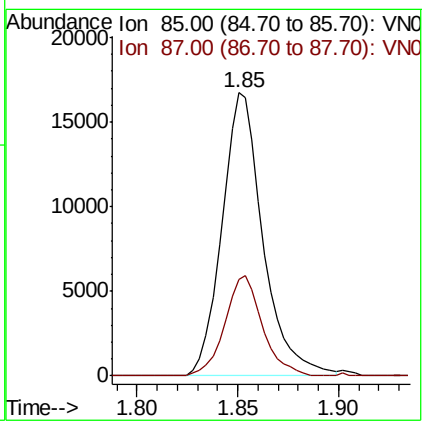
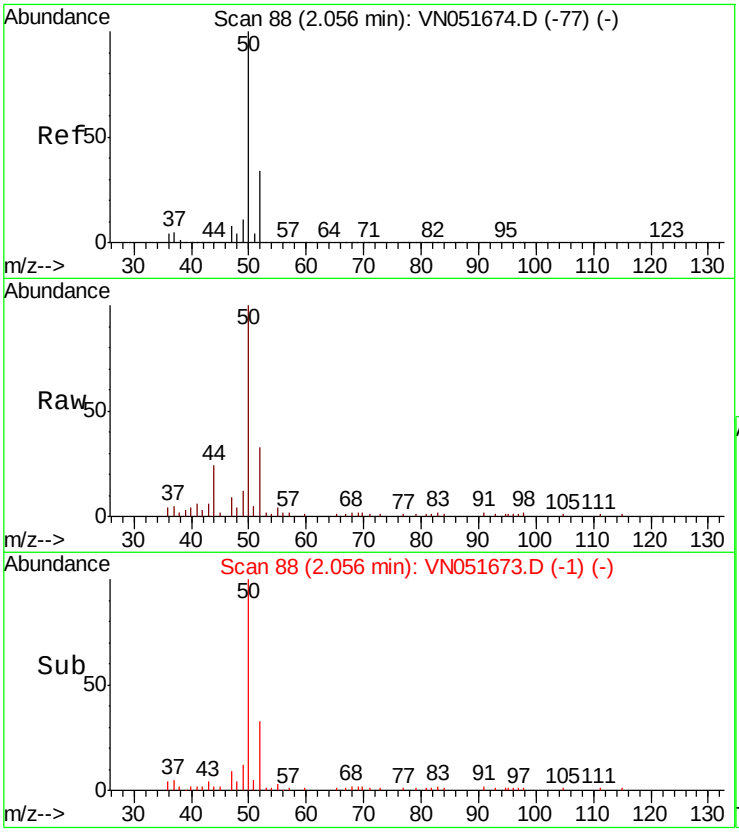


#2
Dichlorodifluoromethane
Concen: 4.698 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 85 Resp: 23725

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.3	48.8

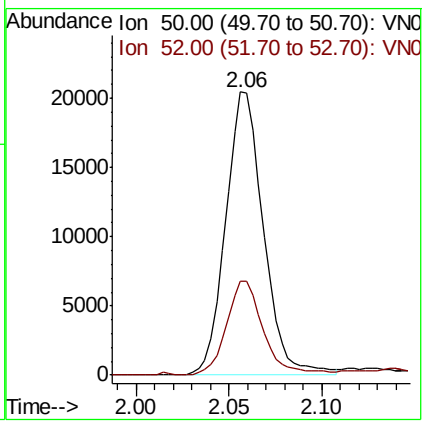




#3
Chloromethane
Concen: 3.303 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 50 Resp: 29020

Ion	Ratio	Lower	Upper
50	100		
52	33.2	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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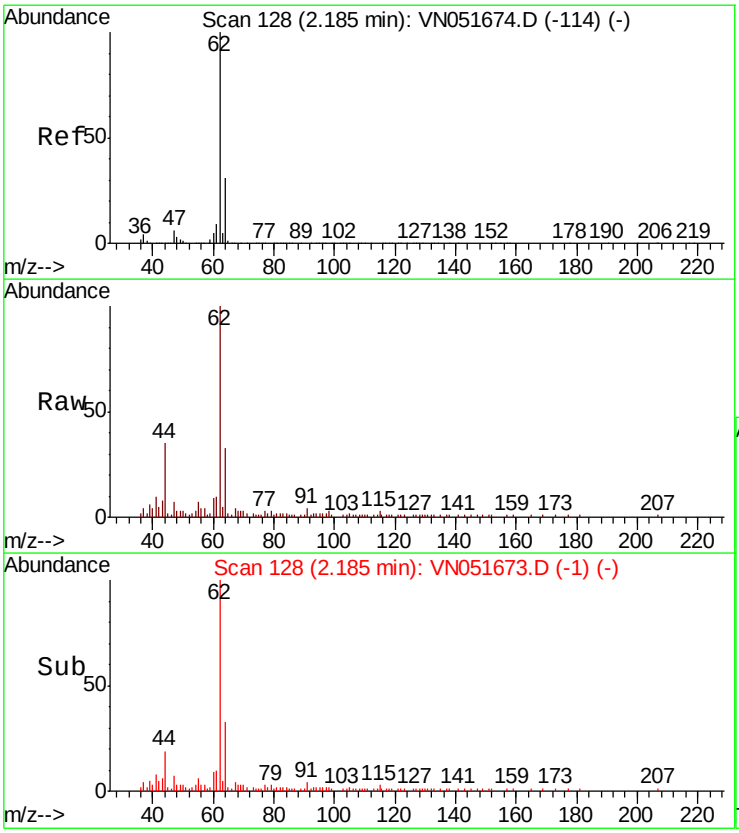
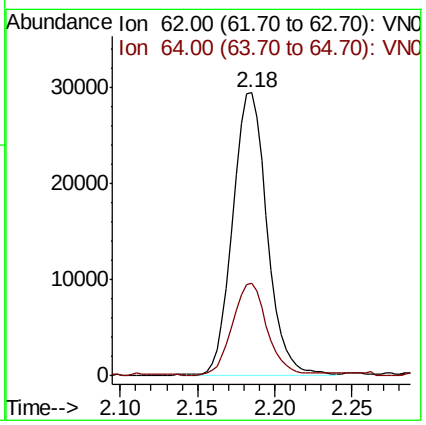
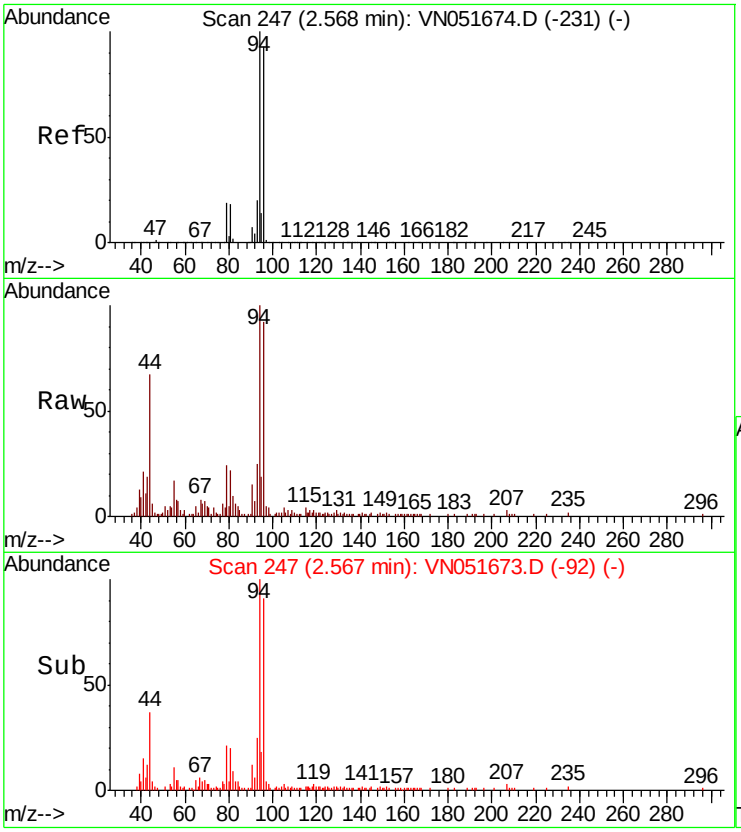


#4
Vinyl Chloride
Concen: 4.821 ug/l
RT: 2.18 min Scan# 128
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 62 Resp: 45558

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.4	38.2





#5
Bromomethane
Concen: 6.228 ug/l
RT: 2.57 min Scan# 247
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 94 Resp: 38257

Ion	Ratio	Lower	Upper
94	100		
96	90.9	66.4	99.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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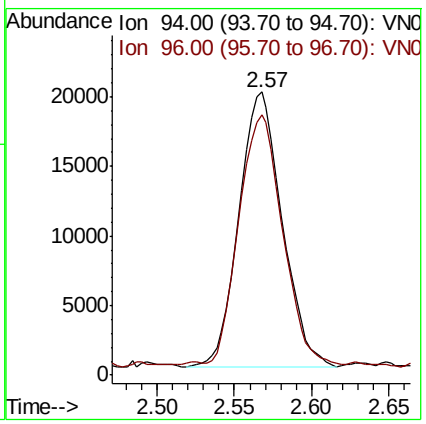
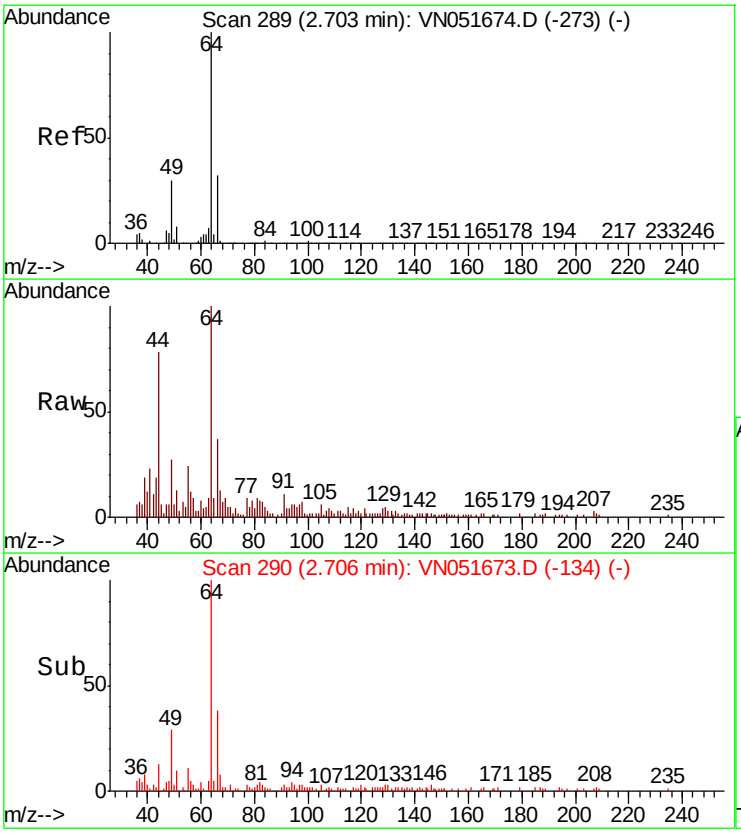
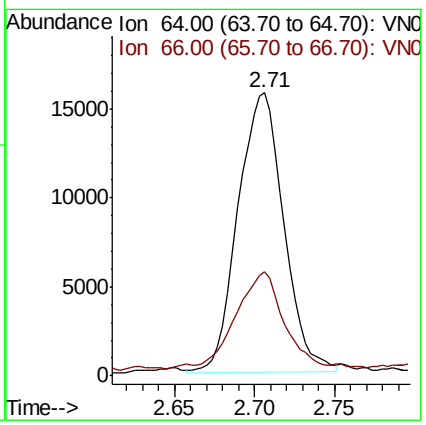


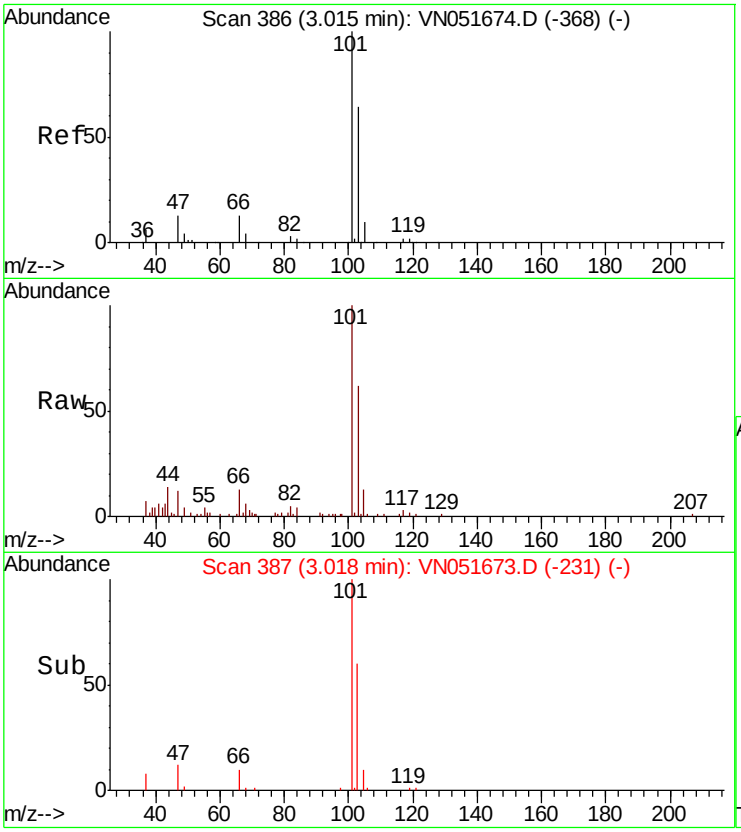


#6
Chloroethane
Concen: 5.268 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 64 Resp: 30848

Ion	Ratio	Lower	Upper
64	100		
66	33.2	25.8	38.6

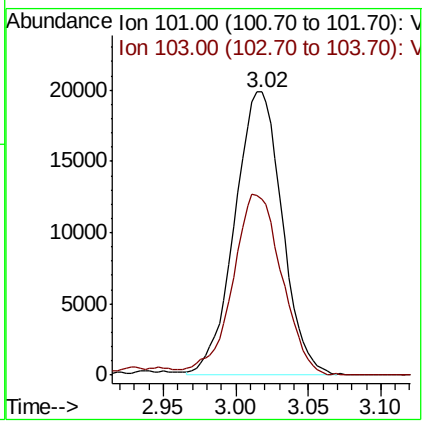




#7
Trichlorofluoromethane
Concen: 3.662 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:101 Resp: 45255

Ion	Ratio	Lower	Upper
101	100		
103	61.4	54.8	82.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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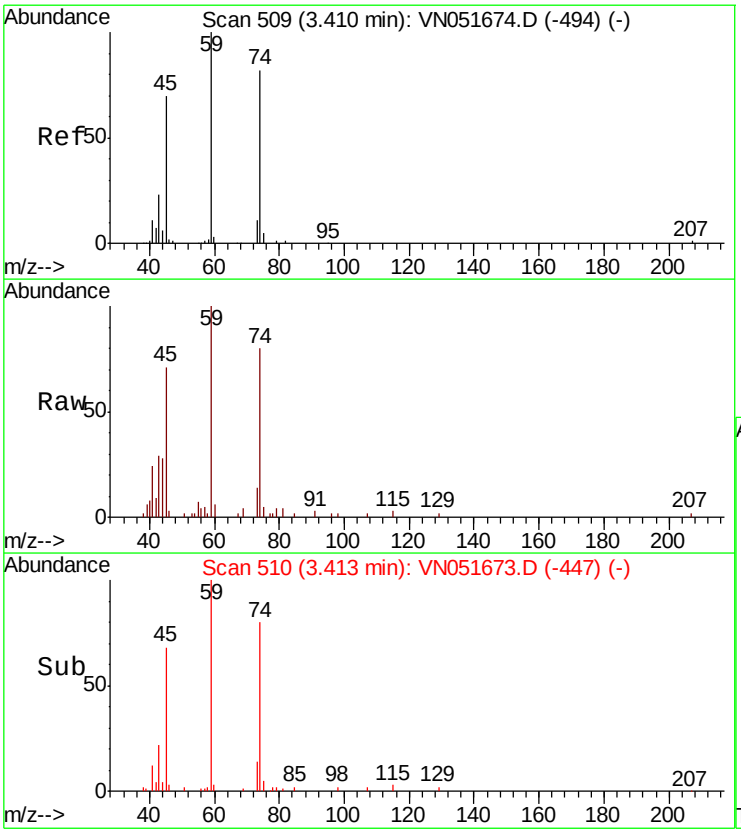
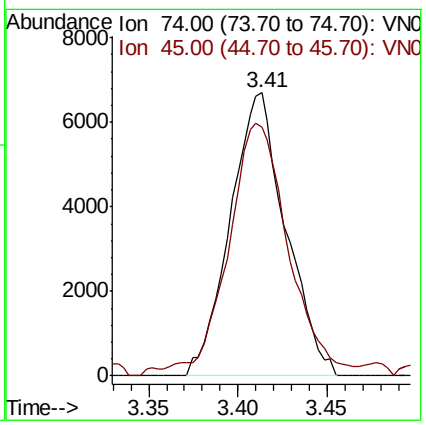
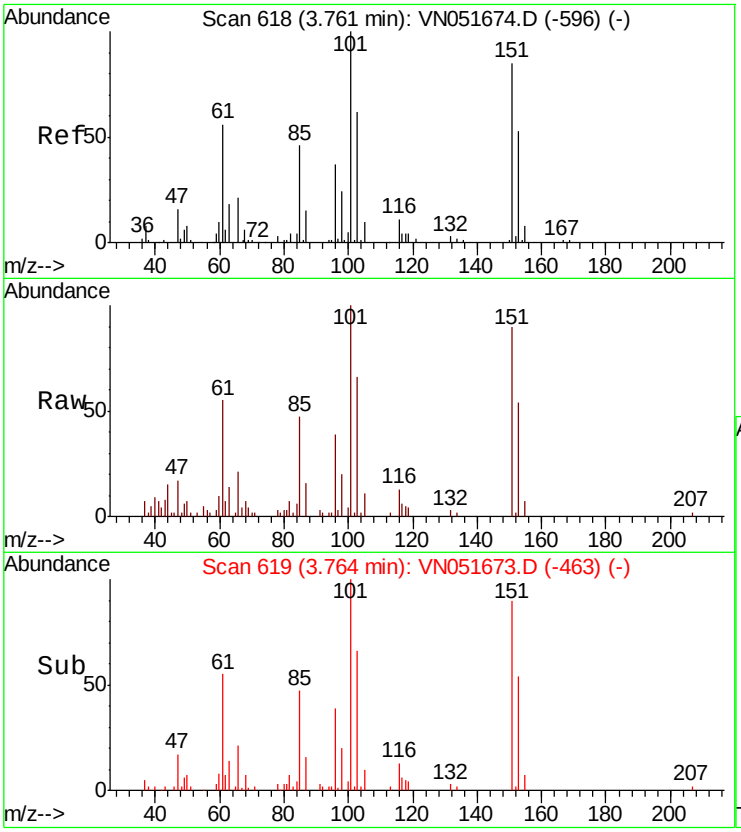


#8
Diethyl Ether
Concen: 3.970 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 74 Resp: 14550

Ion	Ratio	Lower	Upper
74	100		
45	86.4	20.7	186.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.760 ug/l
RT: 3.76 min Scan# 619
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:101 Resp: 29721

Ion	Ratio	Lower	Upper
101	100		
85	46.7	0.0	46.0#
151	86.8	0.0	82.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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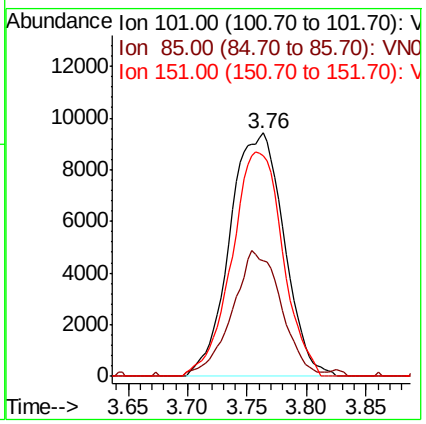
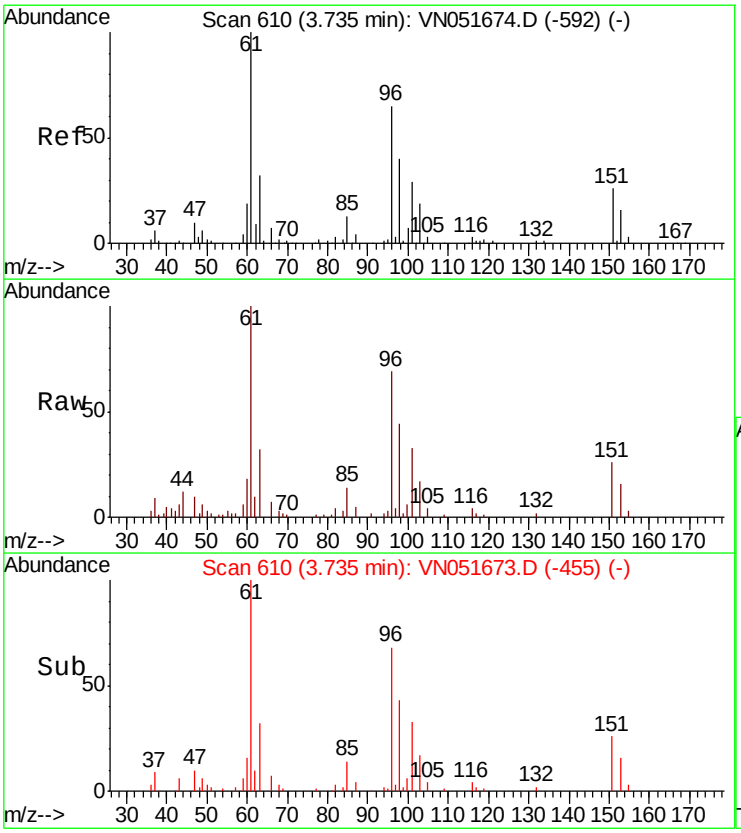
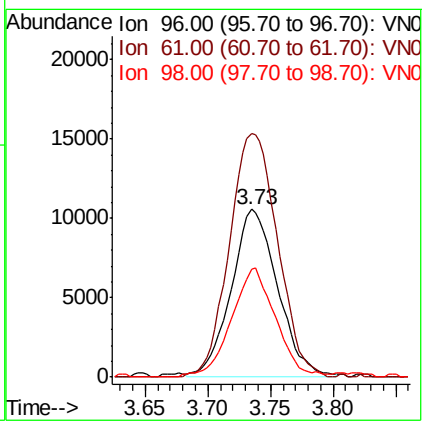


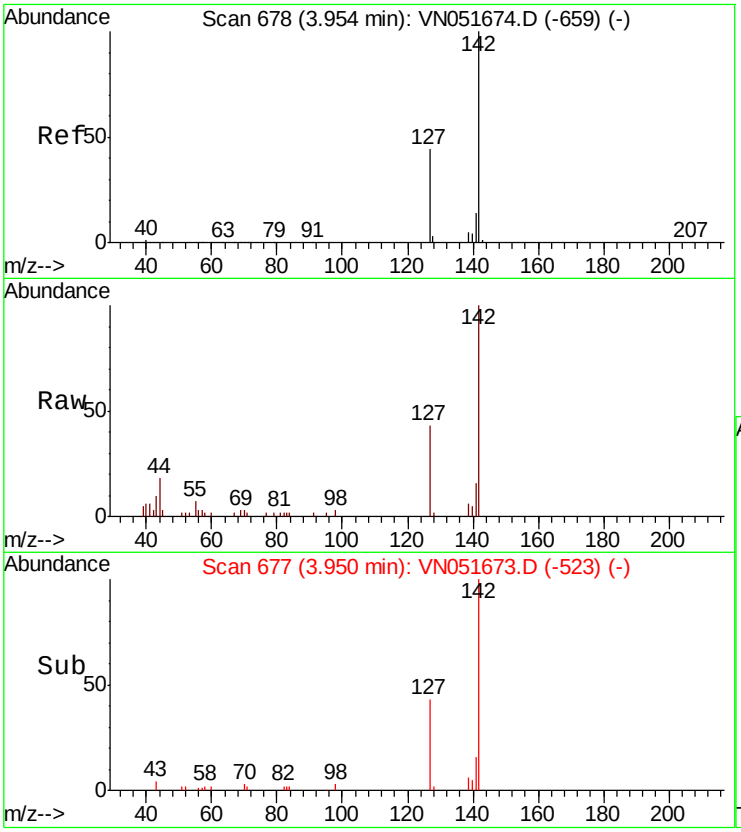


#10
1,1-Dichloroethene
Concen: 4.778 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 96 Resp: 27259

Ion	Ratio	Lower	Upper
96	100		
61	147.7	133.0	199.6
98	63.7	52.6	78.8

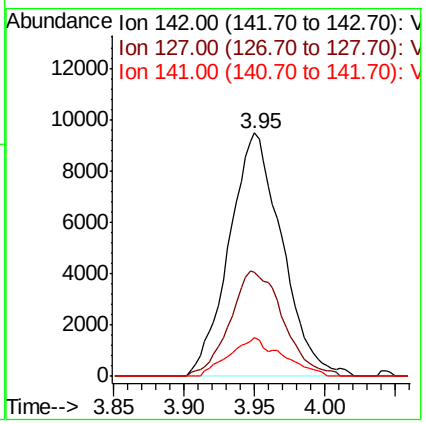




#11
Methyl Iodide
Concen: 2.901 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:142 Resp: 24716

Ion	Ratio	Lower	Upper
142	100		
127	42.7	19.7	59.0
141	16.1	6.3	18.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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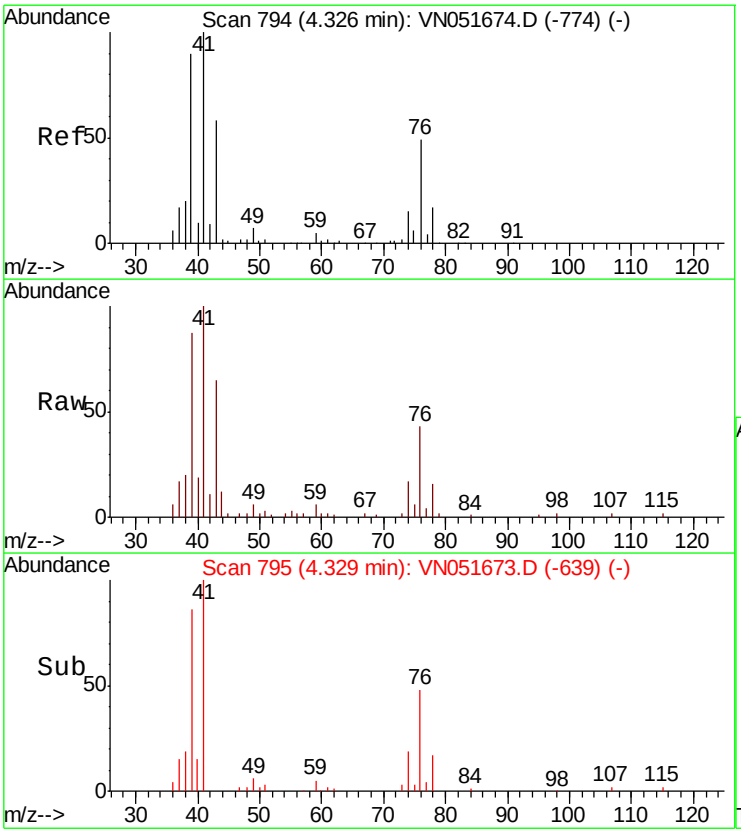
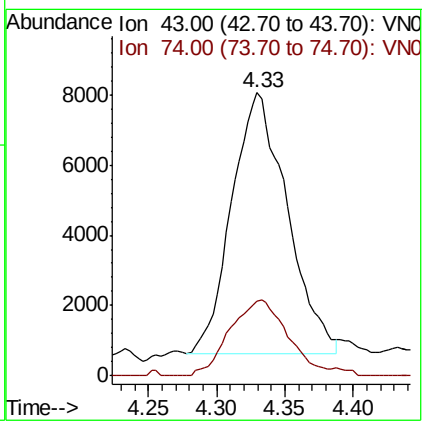
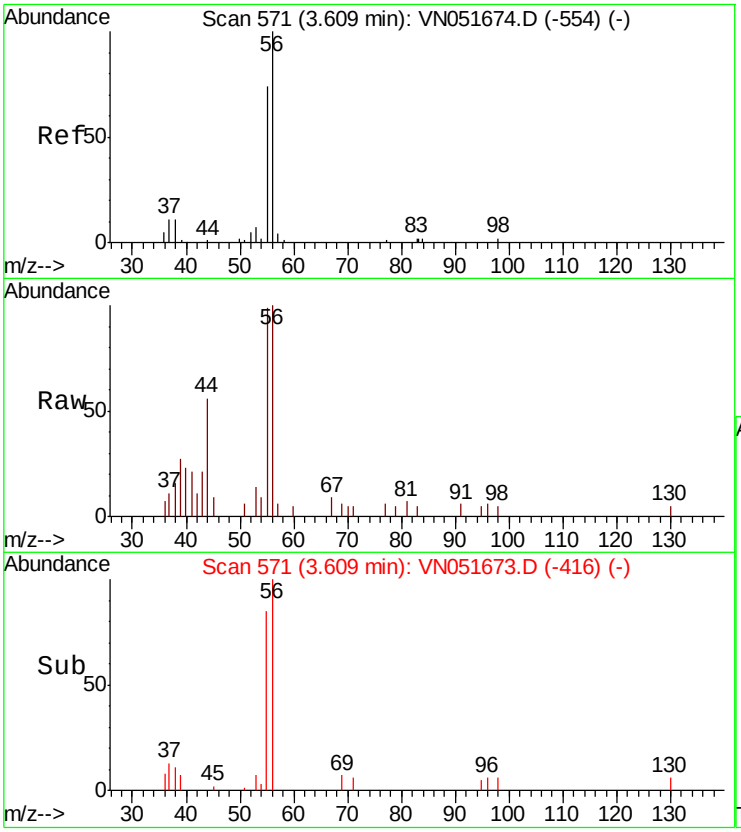


#12
Methyl Acetate
Concen: 4.190 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 20869

Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.8	32.6

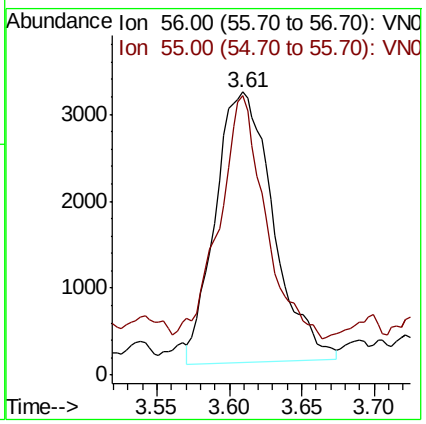




#13
Acrolein
Concen: 12.742 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 56 Resp: 8657

Ion	Ratio	Lower	Upper
56	100		
55	68.9	64.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
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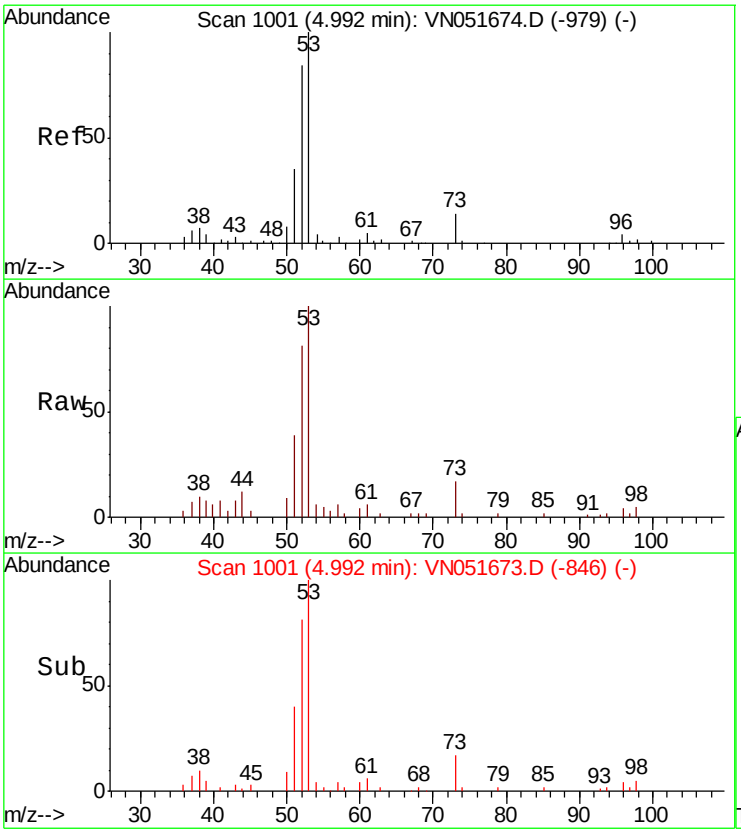
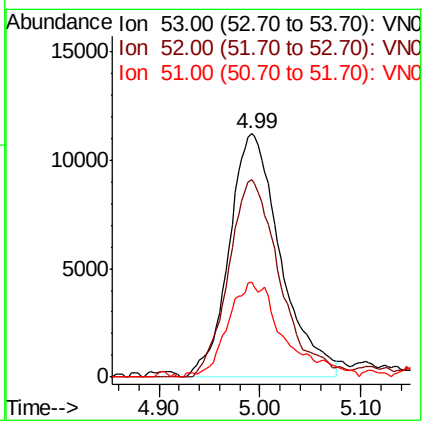
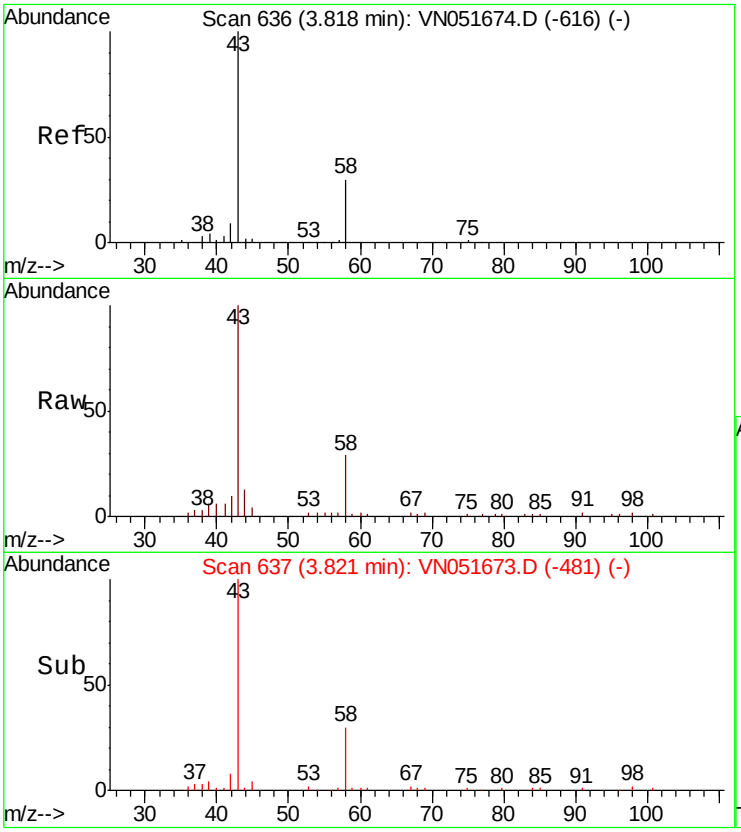


#14
Acrylonitrile
Concen: 19.477 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 53 Resp: 39727

Ion	Ratio	Lower	Upper
53	100		
52	80.2	18.3	54.8#
51	21.0	19.7	59.1





#15
Acetone
Concen: 22.602 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 58 Resp: 11242

Ion	Ratio	Lower	Upper
58	100		
43	338.2	232.2	348.2

Instrument :
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ClientSampleId :
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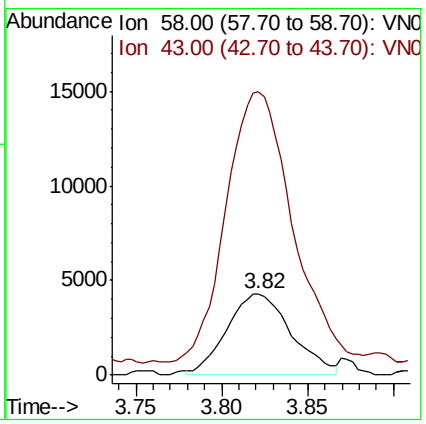
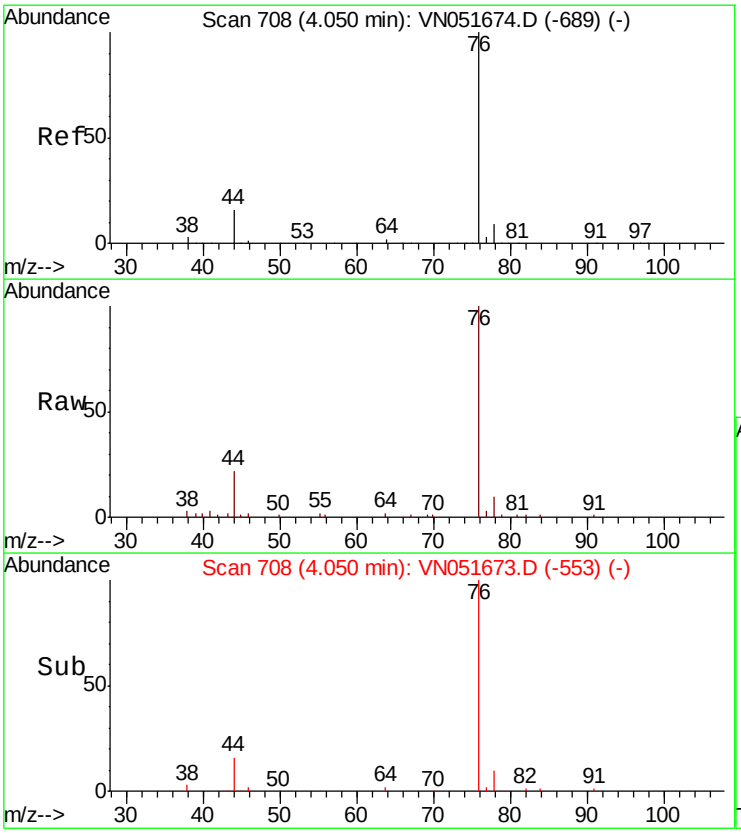
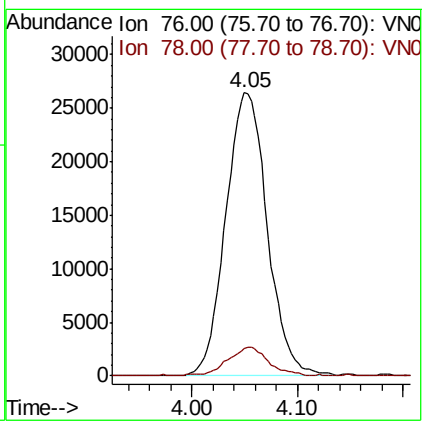


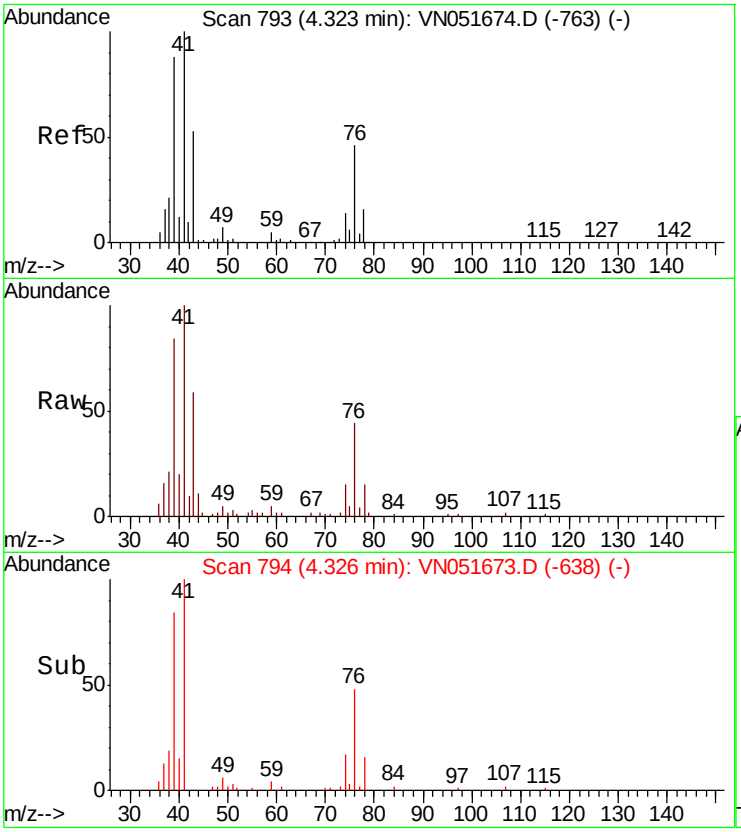


#16
Carbon Disulfide
Concen: 4.014 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 76 Resp: 72219

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.7	10.1

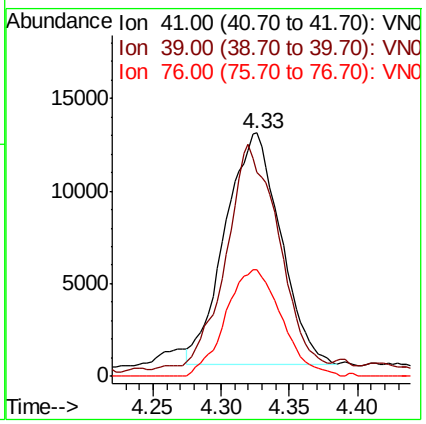




#17
Allyl chloride
Concen: 3.516 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 41 Resp: 35186

Ion	Ratio	Lower	Upper
41	100		
39	82.2	32.6	97.8
76	46.2	20.2	60.5



Instrument :
MSVOA_N
ClientSampleId :
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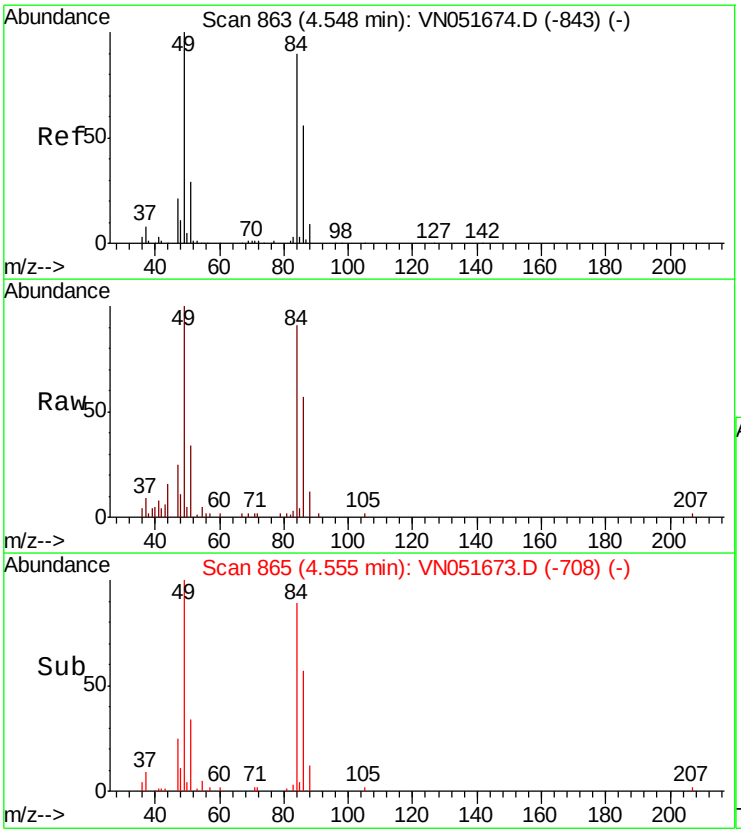
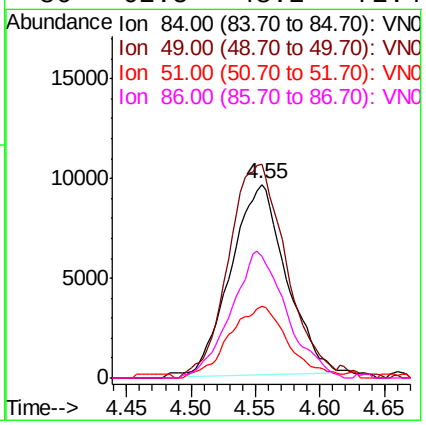
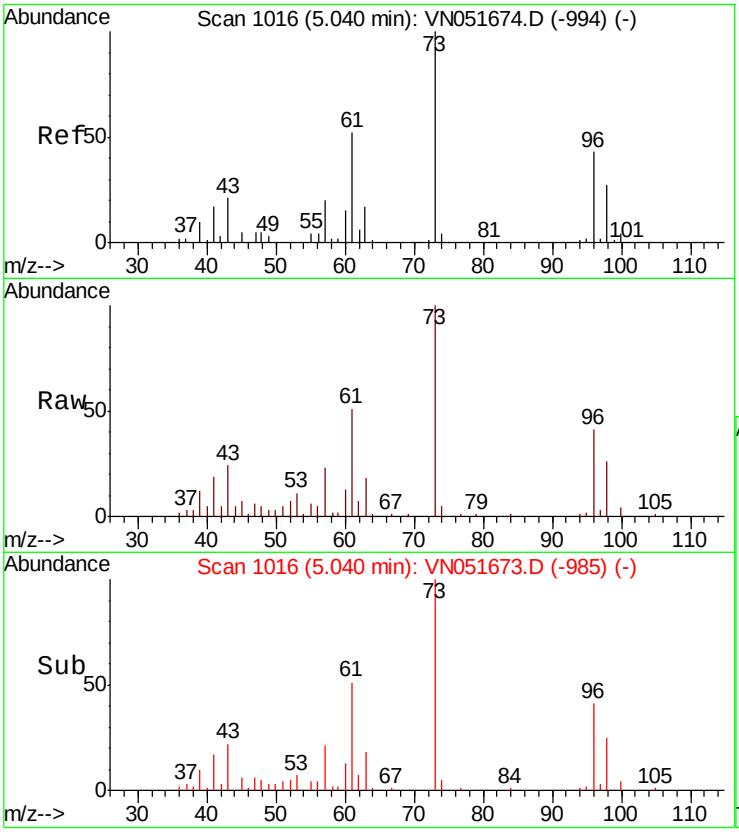


#18
Methylene Chloride
Concen: 4.184 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 84 Resp: 28571

Ion	Ratio	Lower	Upper
84	100		
49	109.5	91.6	137.4
51	36.7	29.8	44.6
86	62.5	48.2	72.4

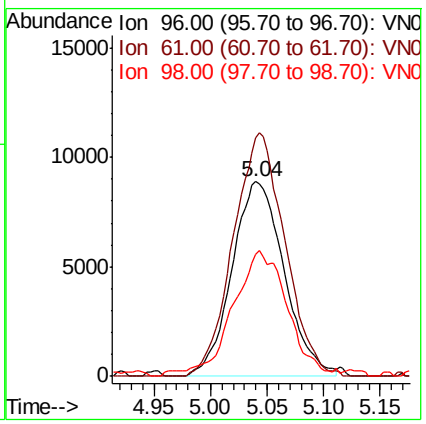




#19
trans-1,2-Dichloroethene
Concen: 4.592 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 96 Resp: 28525

Ion	Ratio	Lower	Upper
96	100		
61	122.4	112.3	168.5
98	59.7	47.1	70.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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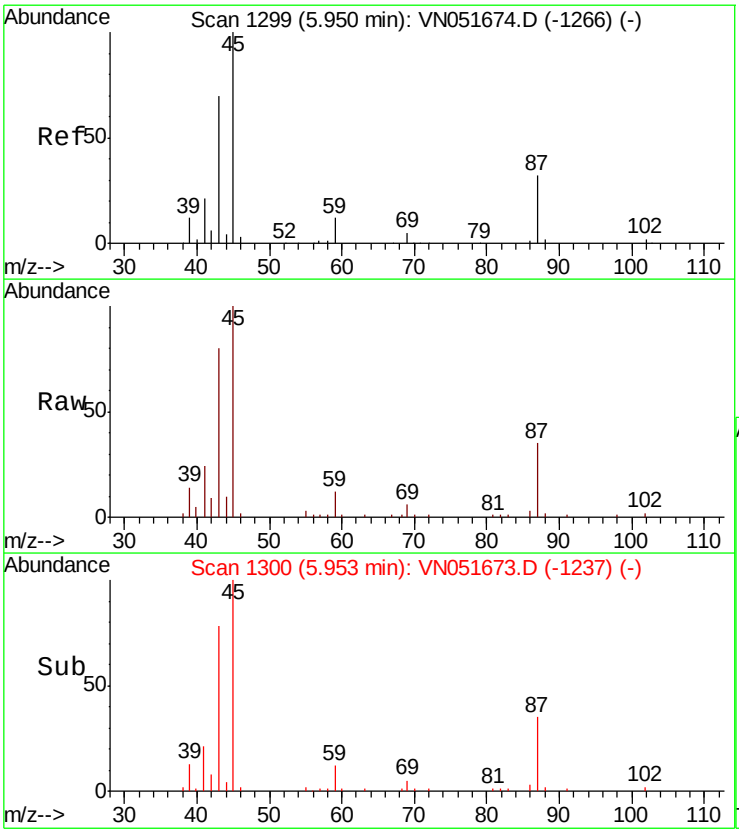
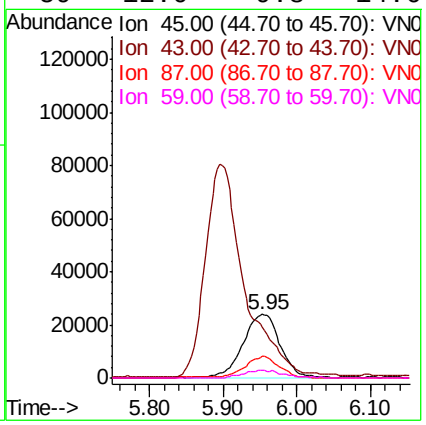
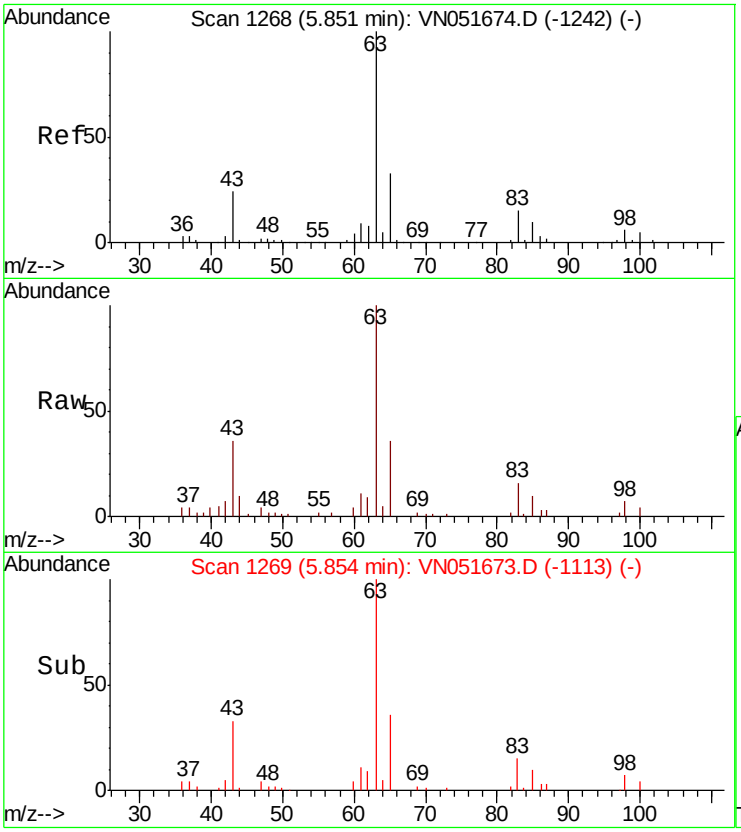


#20
Diisopropyl ether
Concen: 4.172 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 45 Resp: 84963

Ion	Ratio	Lower	Upper
45	100		
43	74.5	62.1	93.1
87	34.6	19.9	29.9#
59	12.0	9.8	14.6

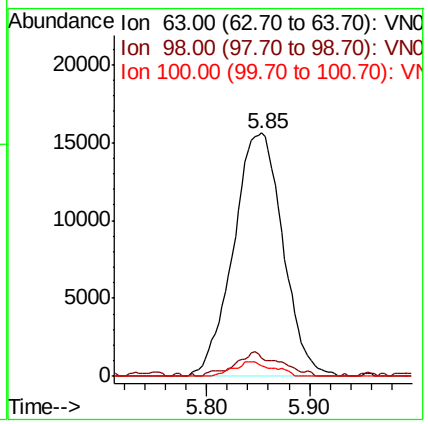




#21
1,1-Dichloroethane
Concen: 4.284 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 63 Resp: 52018

Ion	Ratio	Lower	Upper
63	100		
98	7.4	4.1	12.3
100	4.1	1.6	4.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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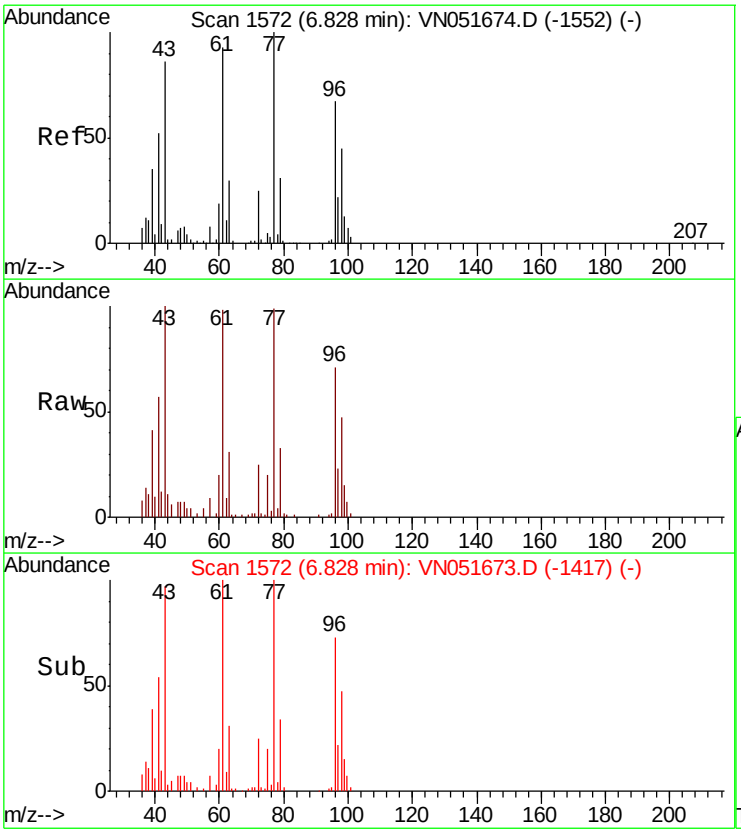
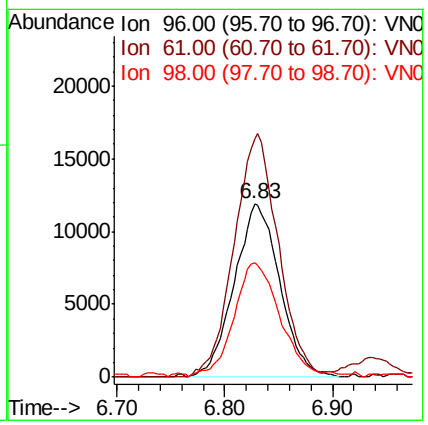
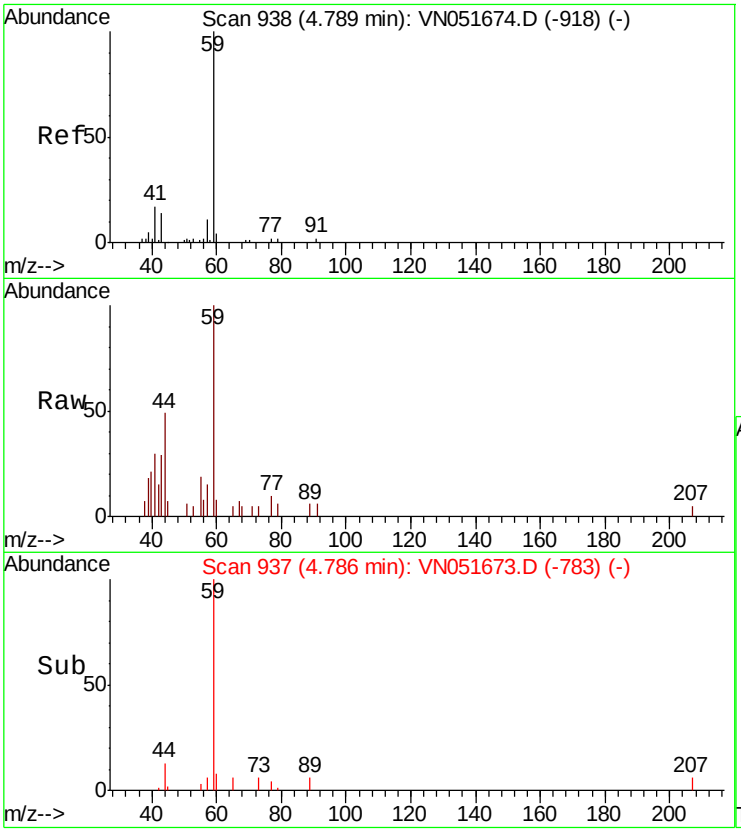


#22
cis-1,2-Dichloroethene
Concen: 5.020 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 96 Resp: 35017

Ion	Ratio	Lower	Upper
96	100		
61	135.6	124.5	186.7
98	66.3	51.9	77.9





#23
tert-Butyl Alcohol
Concen: 19.656 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 59 Resp: 7499

Ion	Ratio	Lower	Upper
59	100		
52	0.9	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
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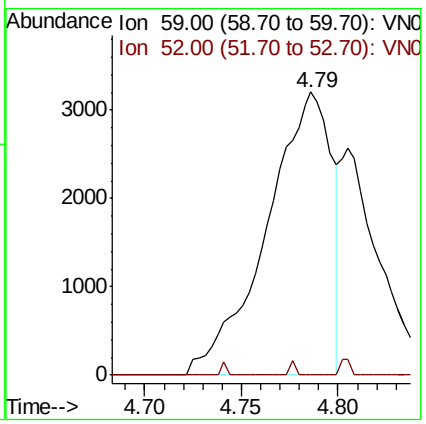
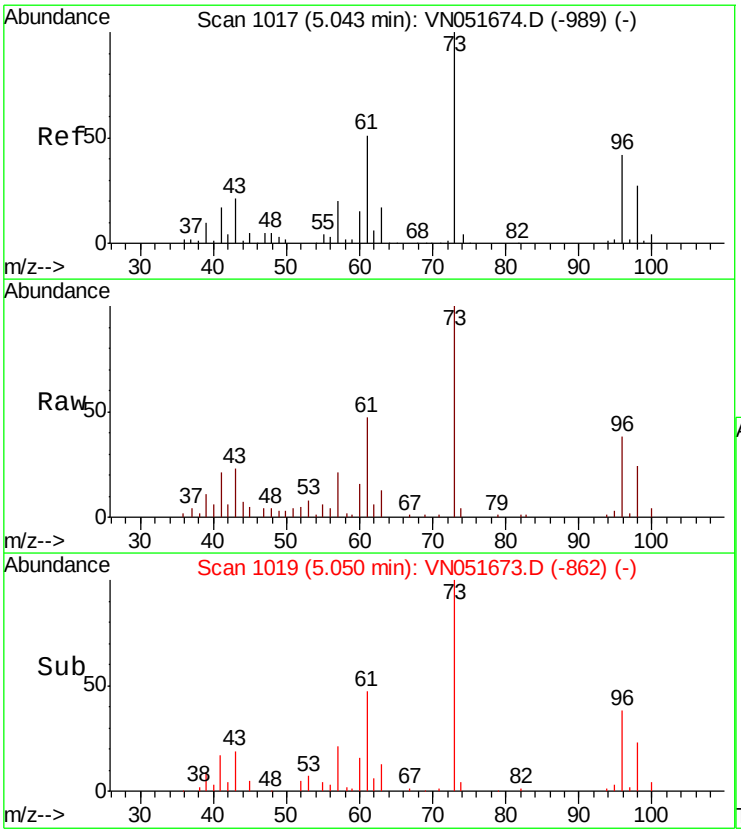
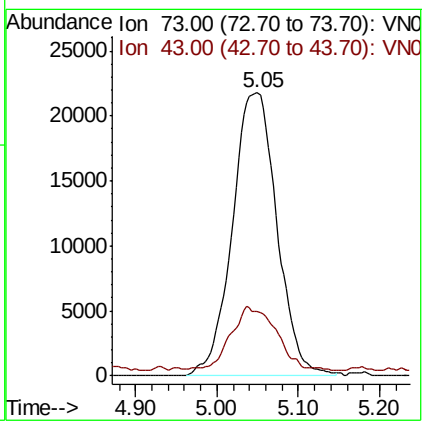


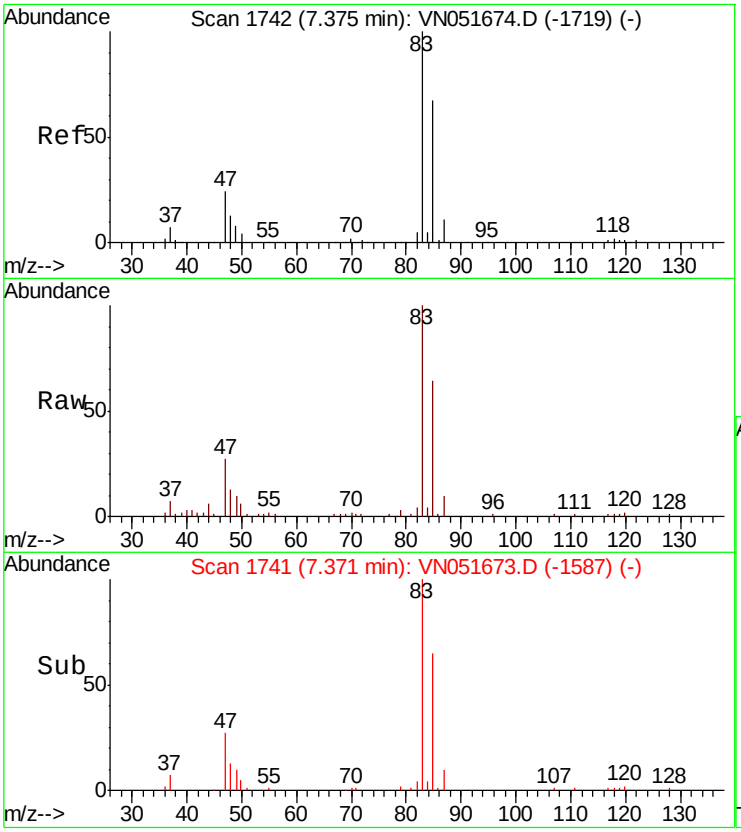


#24
Methyl tert-Butyl Ether
Concen: 5.303 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 73 Resp: 82519

Ion	Ratio	Lower	Upper
73	100		
43	11.3	5.4	8.0#

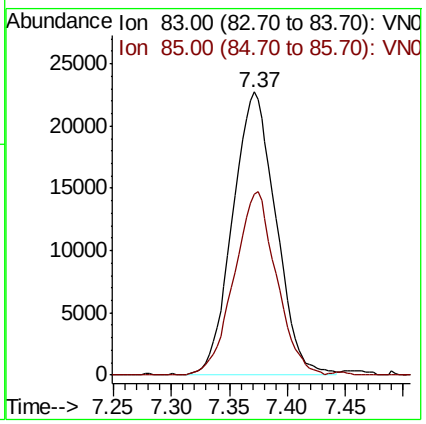




#25
Chloroform
Concen: 4.858 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 83 Resp: 59021

Ion	Ratio	Lower	Upper
83	100		
85	64.2	54.6	82.0



Instrument :
MSVOA_N
ClientSampleId :
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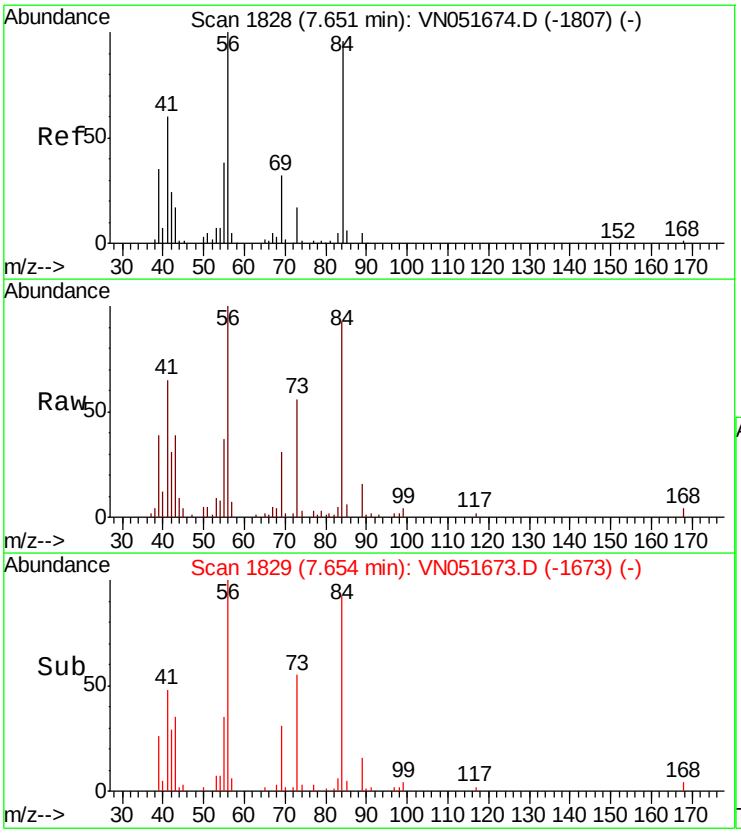
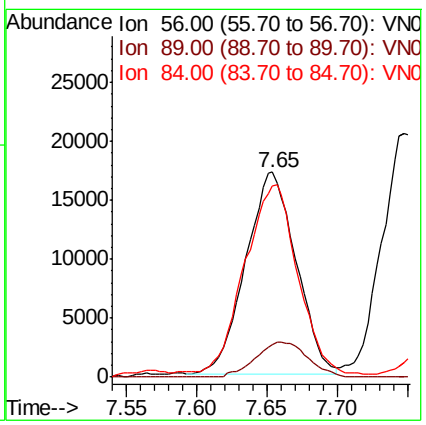
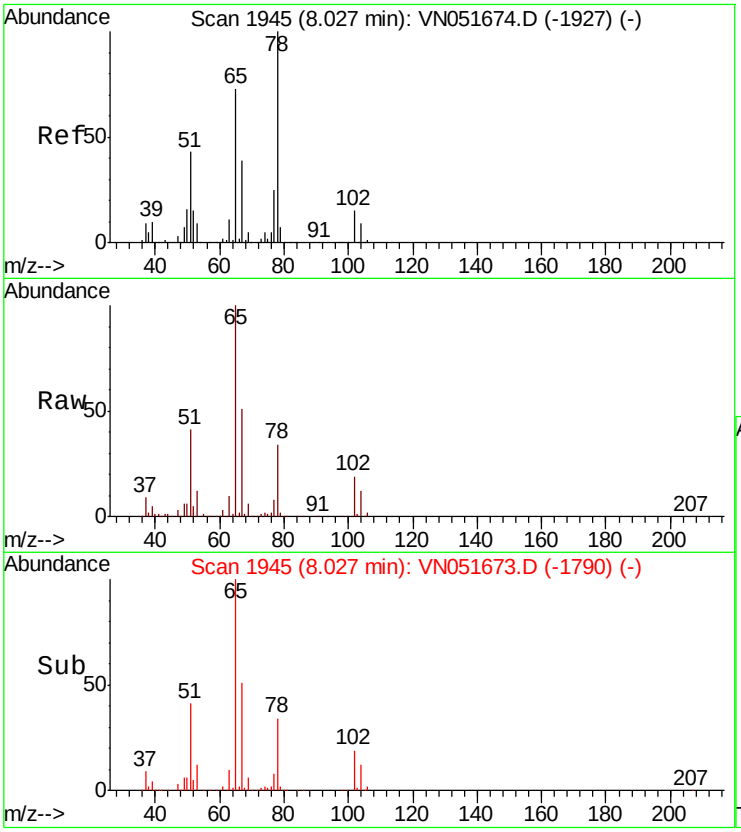


#26
Cyclohexane
Concen: 4.155 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 56 Resp: 42875

Ion	Ratio	Lower	Upper
56	100		
89	17.8	1.5	2.3#
84	98.5	64.2	96.4#

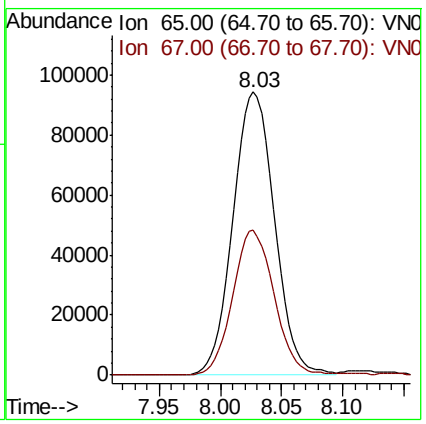




#27
1,2-Dichloroethane-d4
Concen: 4.155 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 65 Resp: 222704

Ion	Ratio	Lower	Upper
65	100		
67	51.1	41.8	62.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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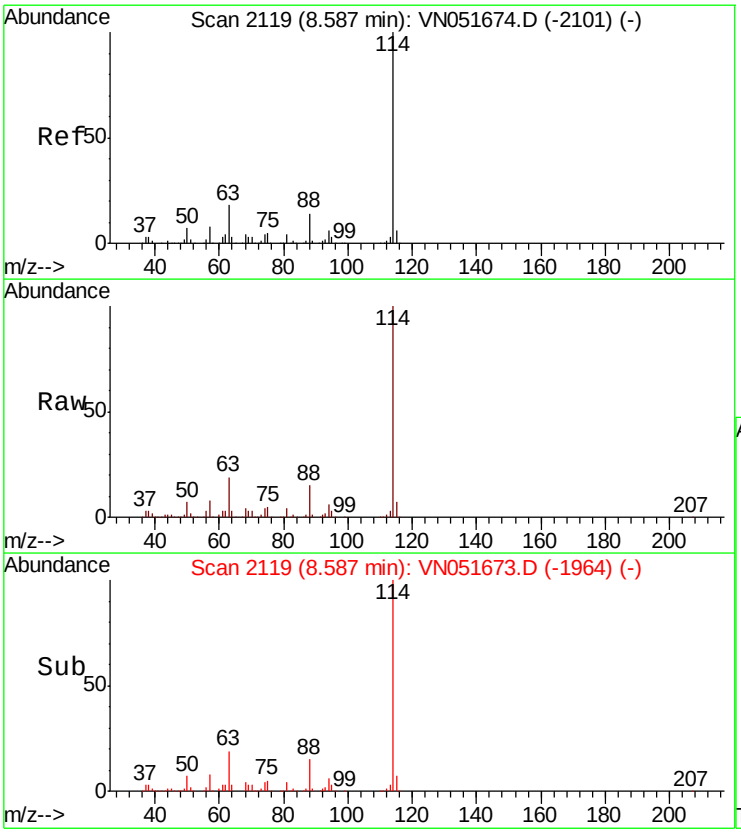
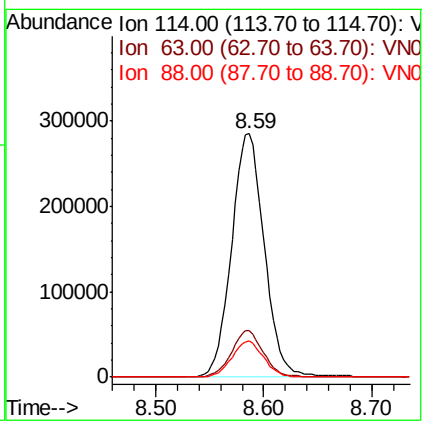
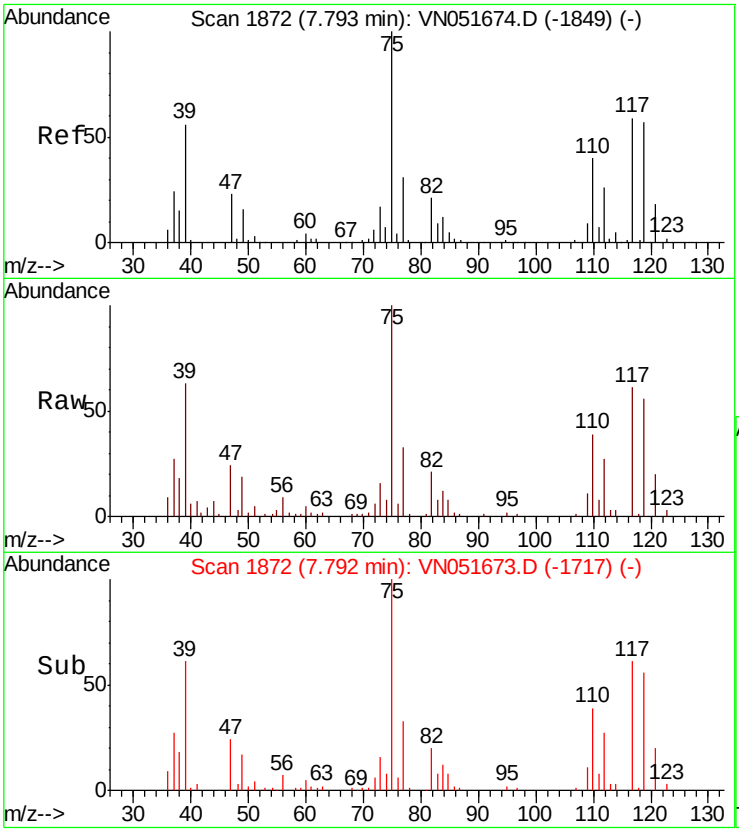


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:114 Resp: 604528

Ion	Ratio	Lower	Upper
114	100		
63	18.4	16.2	24.2
88	14.4	12.2	18.4

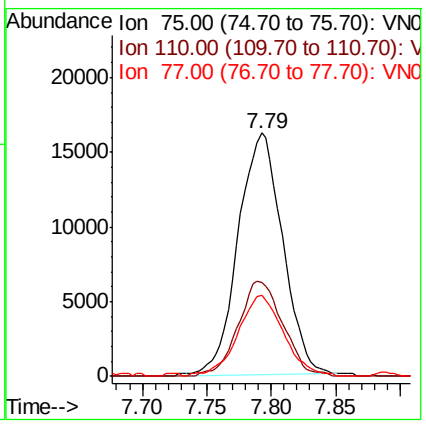




#29
1,1-Dichloropropene
Concen: 3.880 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 75 Resp: 38932

Ion	Ratio	Lower	Upper
75	100		
110	39.5	0.0	70.8
77	34.0	0.0	61.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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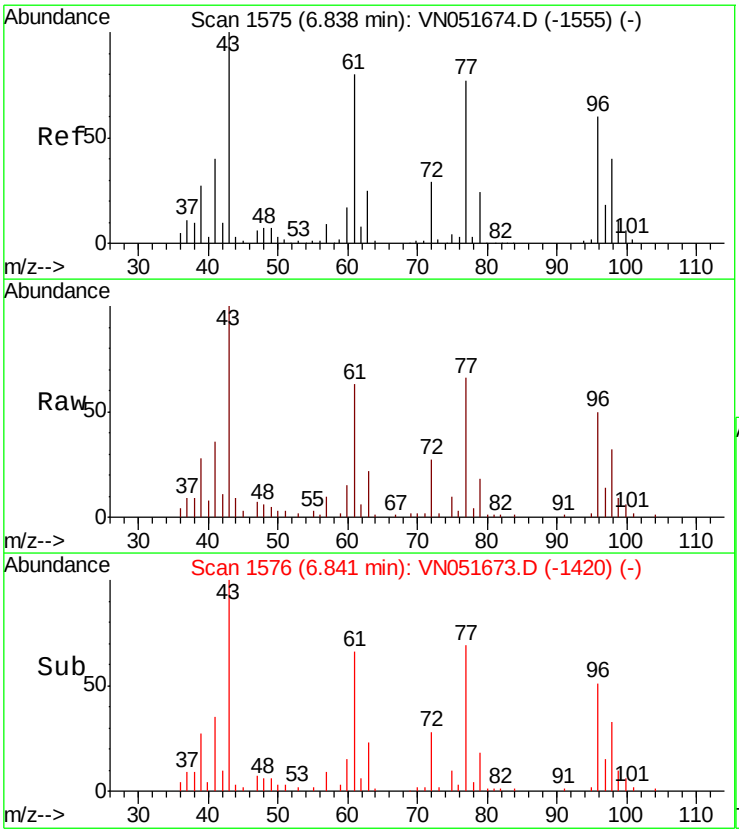
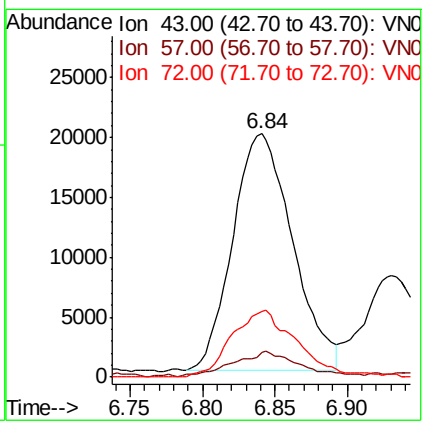
10/8/2018 3:58:45 PM

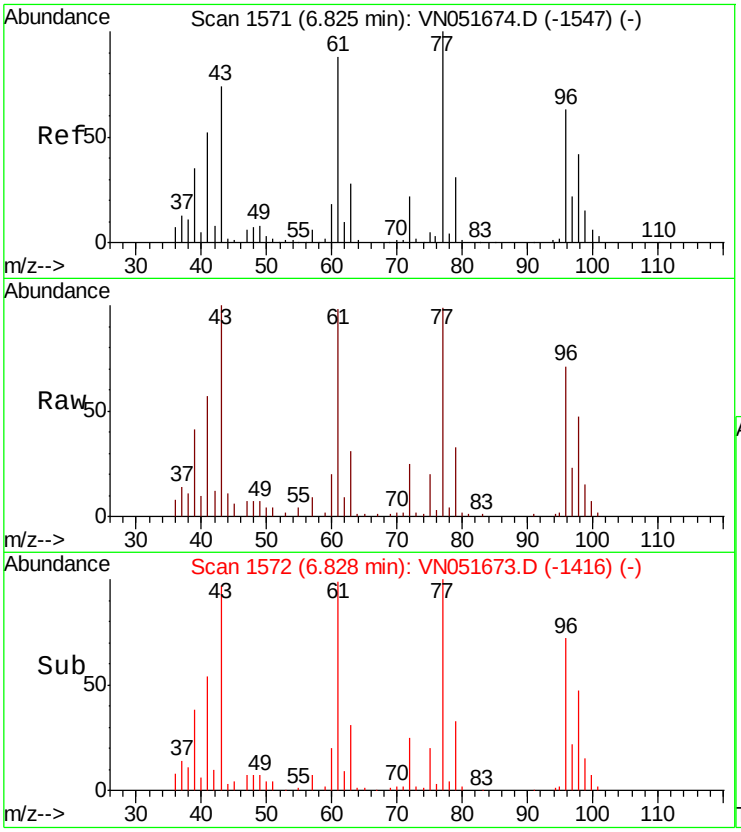


#30
2-Butanone
Concen: 22.266 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 56805

Ion	Ratio	Lower	Upper
43	100		
57	5.9	4.5	6.7
72	29.8	21.5	32.3

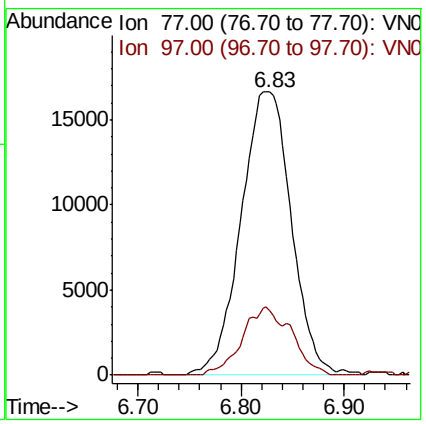




#31
2,2-Dichloropropane
Concen: 5.264 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 77 Resp: 56312

Ion	Ratio	Lower	Upper
77	100		
97	8.1	12.0	18.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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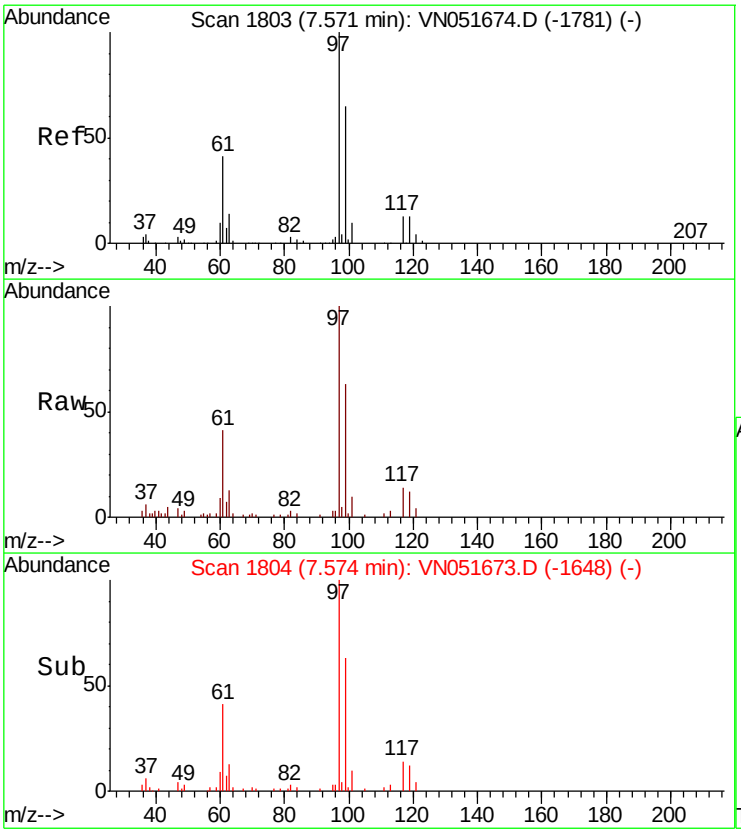
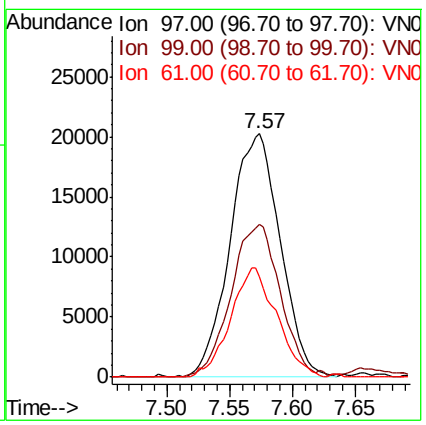
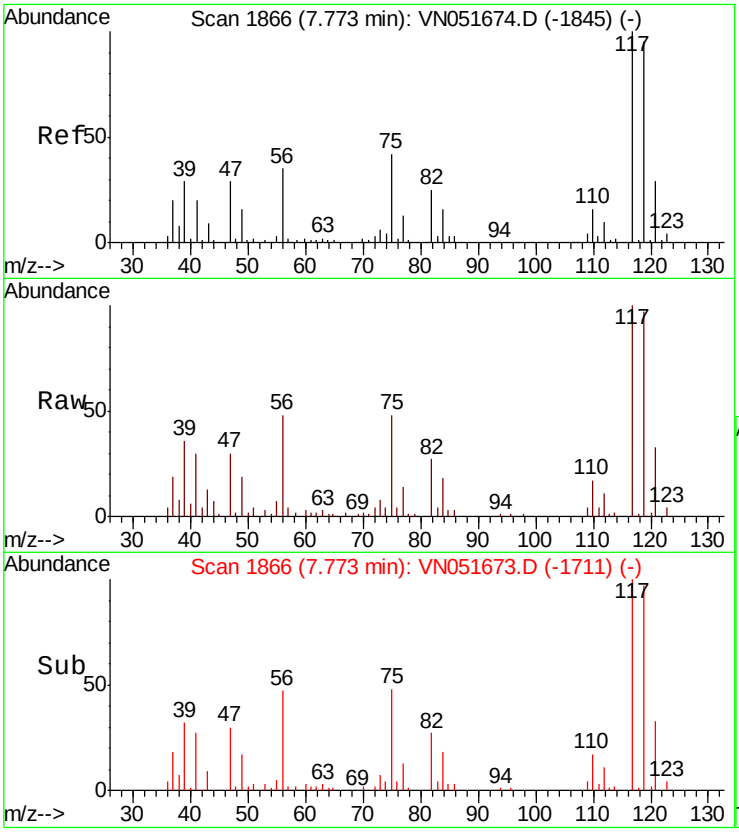


#32
1,1,1-Trichloroethane
Concen: 4.923 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 97 Resp: 56419

Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.6	77.4
61	40.7	37.4	56.0

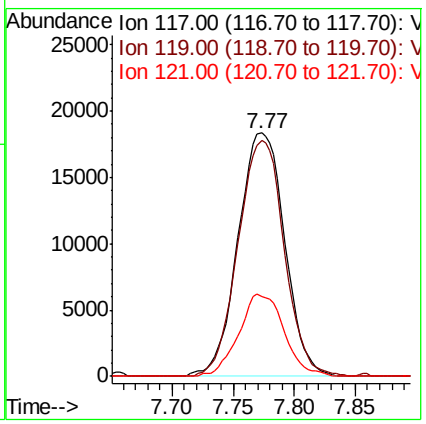




#33
Carbon Tetrachloride
Concen: 4.655 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:117 Resp: 48685

Ion	Ratio	Lower	Upper
117	100		
119	96.9	85.1	127.7
121	32.9	24.2	36.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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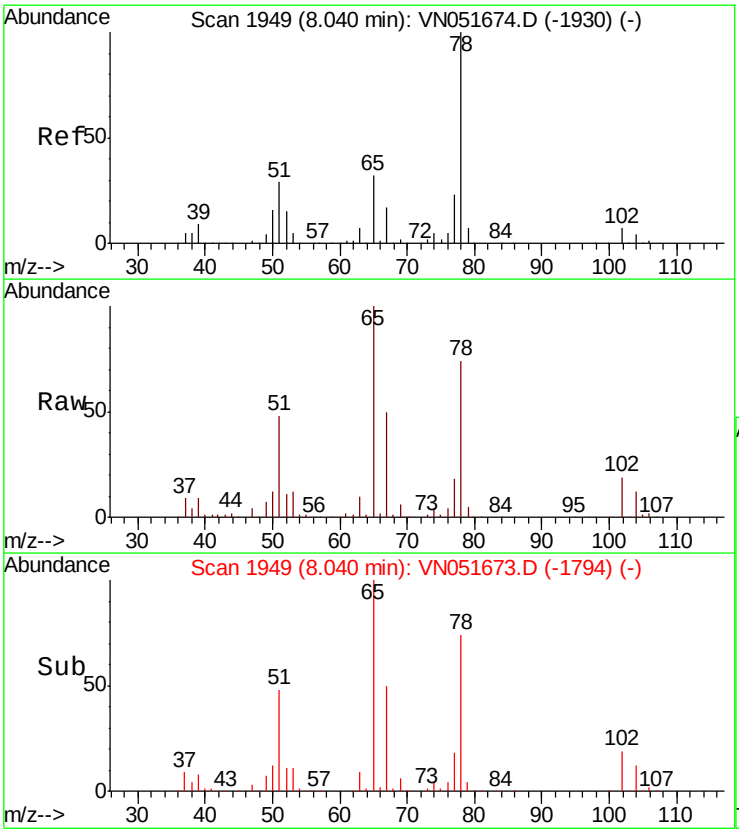
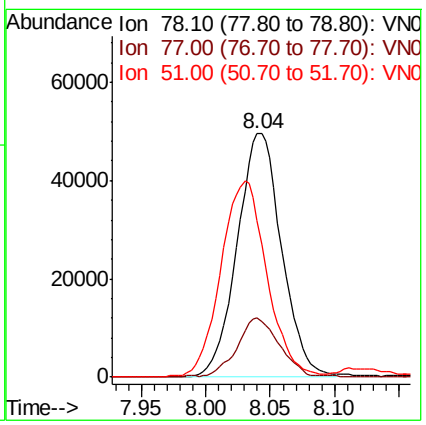
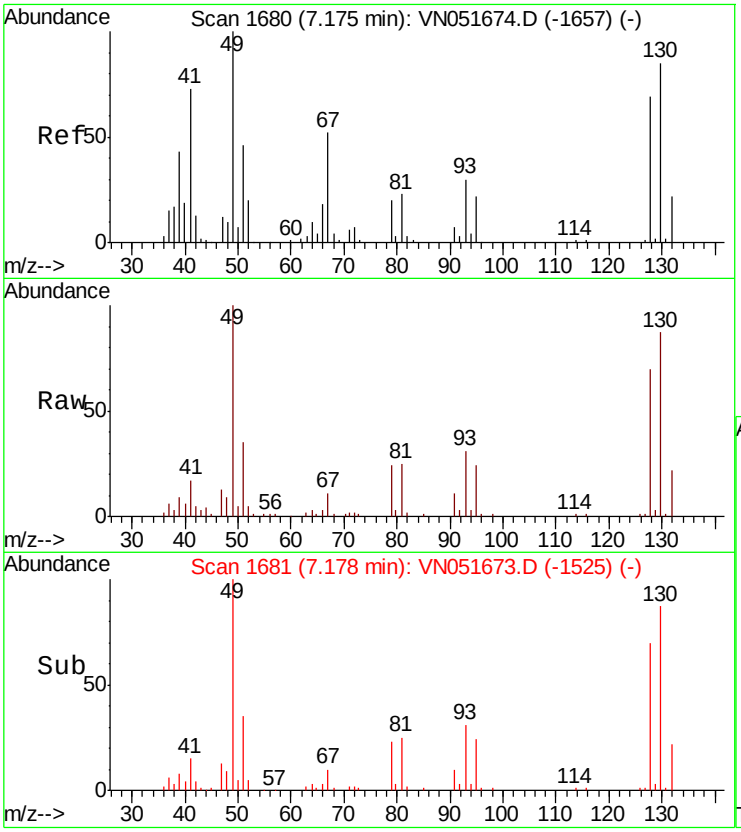


#34
Benzene
Concen: 3.984 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 78 Resp: 119026

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2
51	62.8	46.2	69.4

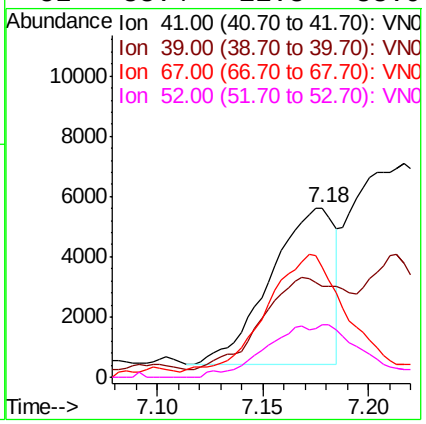




#35
Methacrylonitrile
Concen: 3.437 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 41 Resp: 11072

Ion	Ratio	Lower	Upper
41	100		
39	53.4	22.6	67.7
67	65.0	28.9	86.8
52	33.4	11.3	33.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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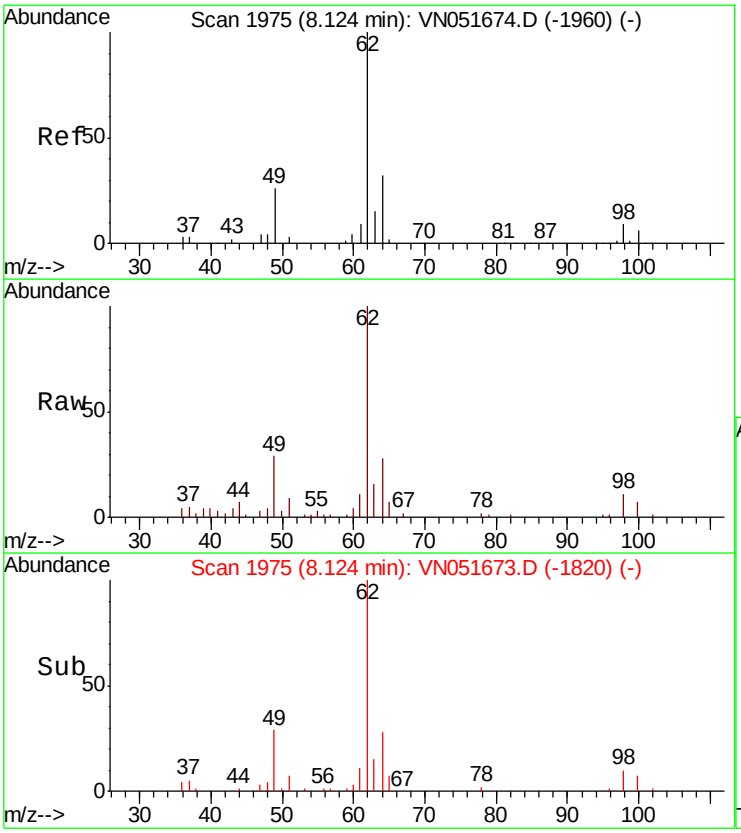
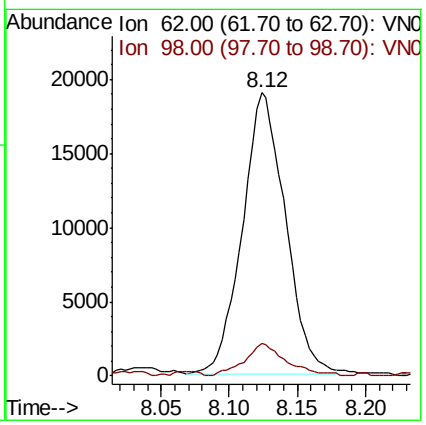
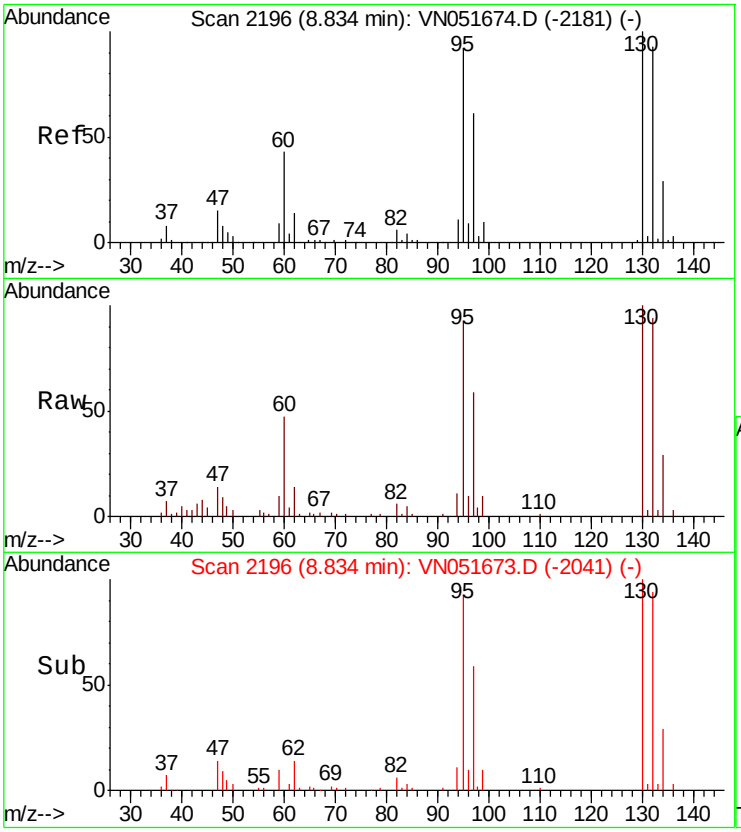


#36
1,2-Dichloroethane
Concen: 4.293 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 62 Resp: 41329

Ion	Ratio	Lower	Upper
62	100		
98	11.0	6.9	10.3#

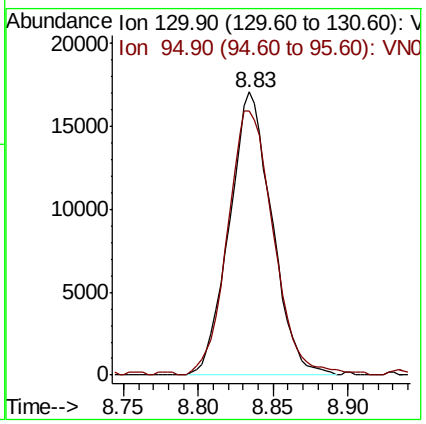




#37
Trichloroethene
Concen: 4.292 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:130 Resp: 33830

Ion	Ratio	Lower	Upper
130	100		
95	93.4	76.4	114.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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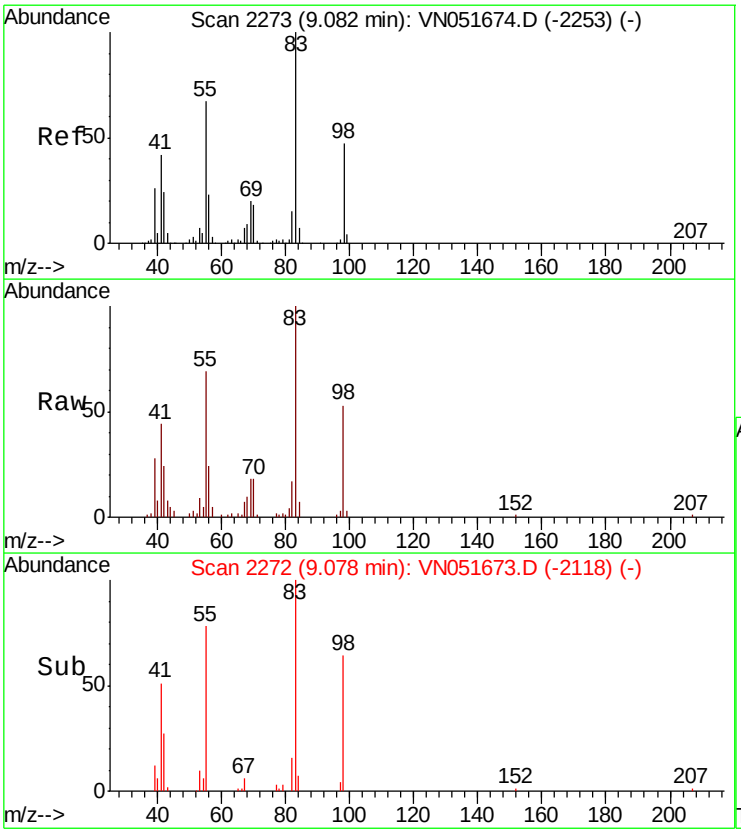
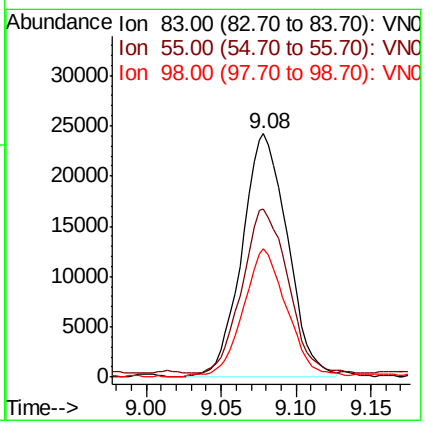
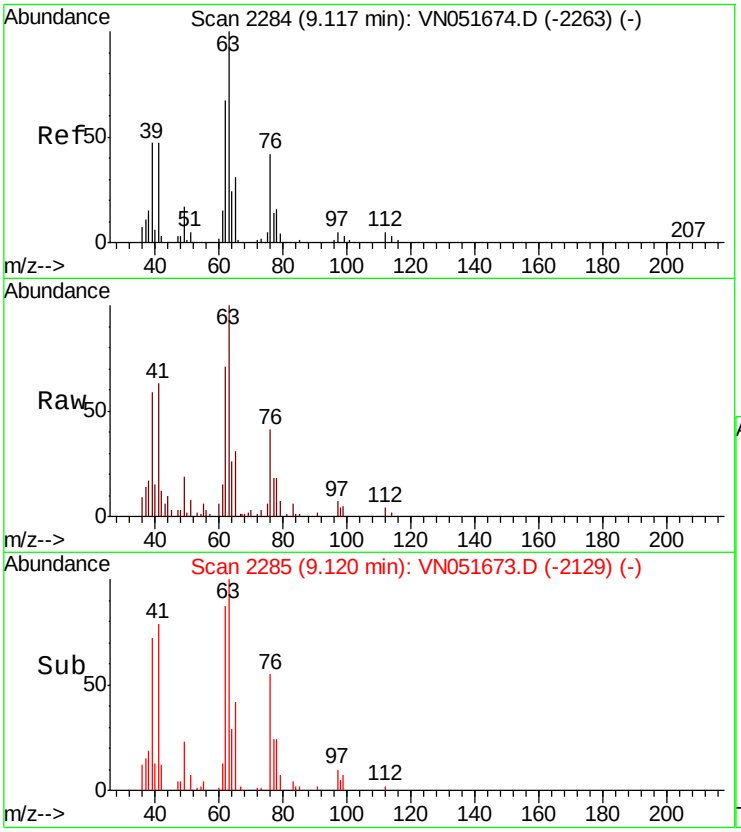


#38
Methylcyclohexane
Concen: 4.459 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 83 Resp: 51233

Ion	Ratio	Lower	Upper
83	100		
55	67.2	43.0	129.2
98	50.4	21.3	63.7

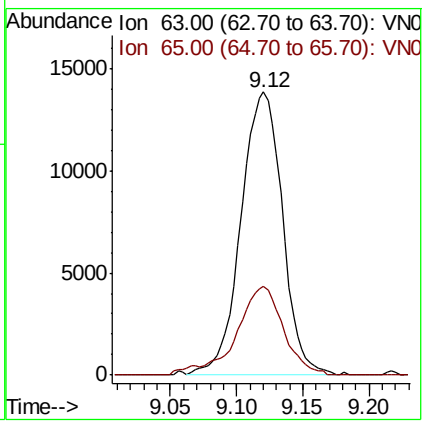




#39
1,2-Dichloropropane
Concen: 3.714 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 63 Resp: 30182

Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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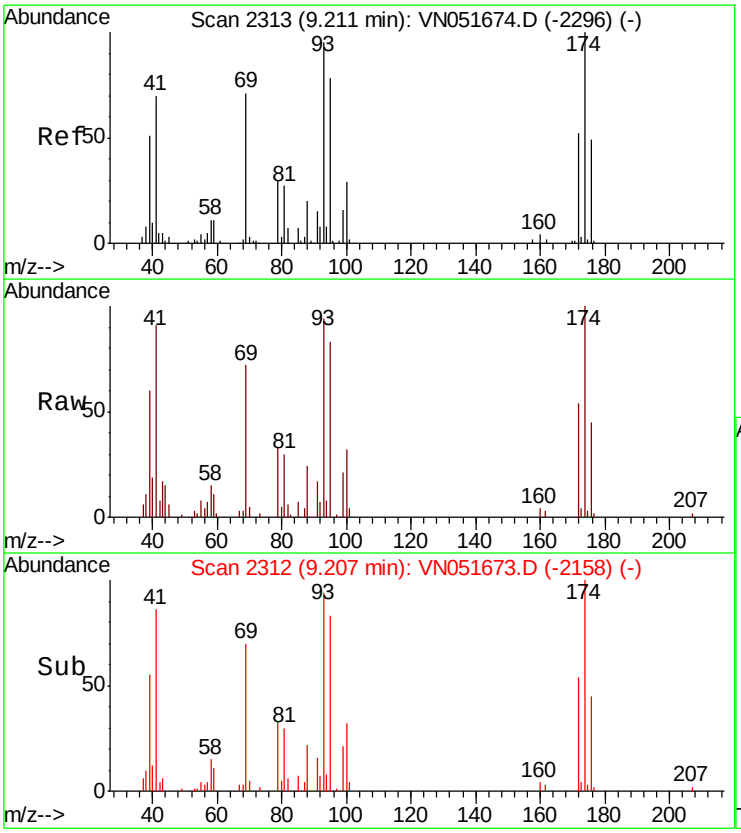
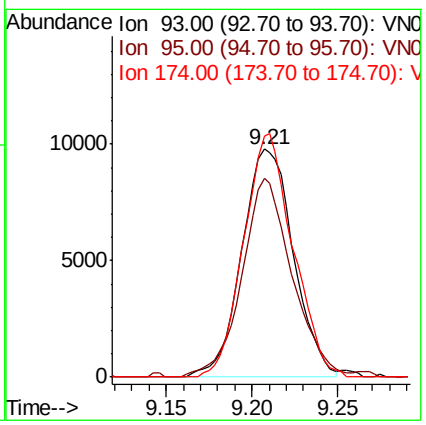
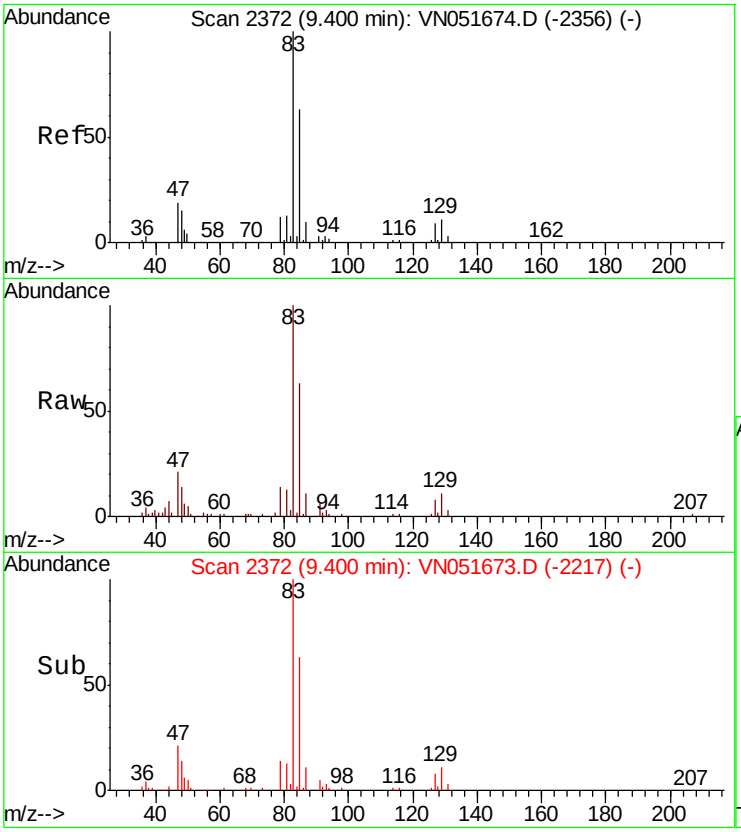


#40
Dibromomethane
Concen: 4.420 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 93 Resp: 20440

Ion	Ratio	Lower	Upper
93	100		
95	84.9	0.0	162.0
174	102.0	0.0	214.0

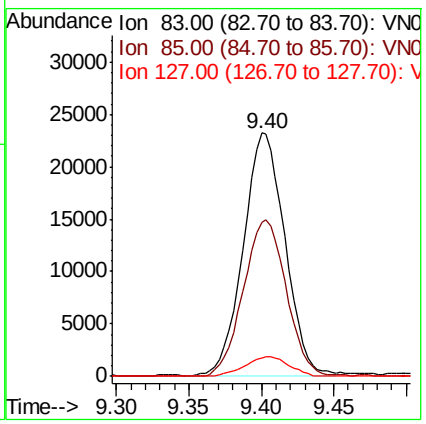




#41
Bromodichloromethane
Concen: 4.588 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 83 Resp: 46531

Ion	Ratio	Lower	Upper
83	100		
85	63.3	55.7	83.5
127	9.0	8.2	12.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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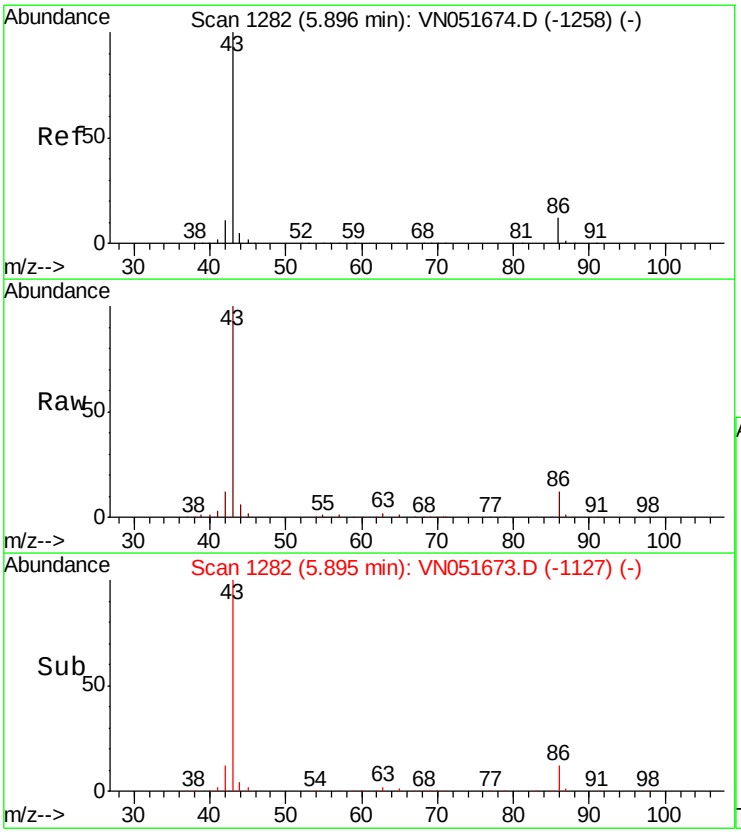
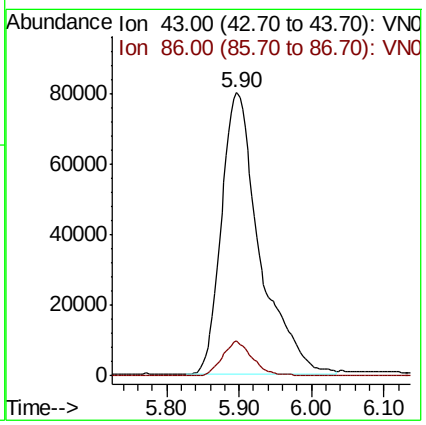
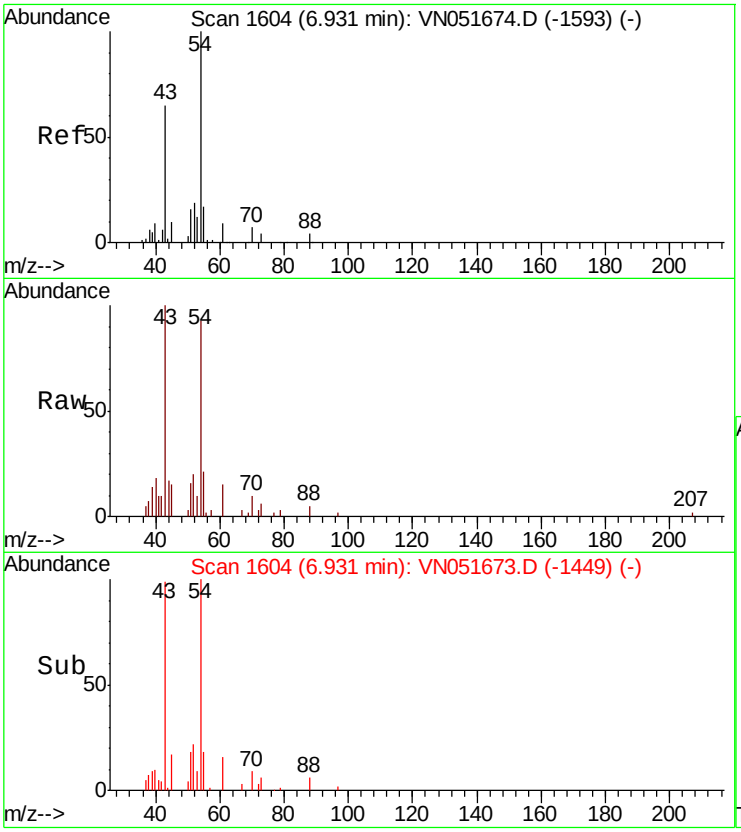


#42
Vinyl Acetate
Concen: 20.539 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 294483

Ion	Ratio	Lower	Upper
43	100		
86	9.8	6.5	9.7#





#43
Ethyl Acetate
Concen: 3.337 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 17922

Ion	Ratio	Lower	Upper
43	100		
45	12.3	11.0	16.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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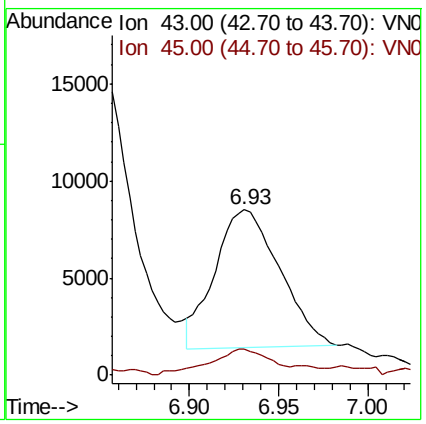
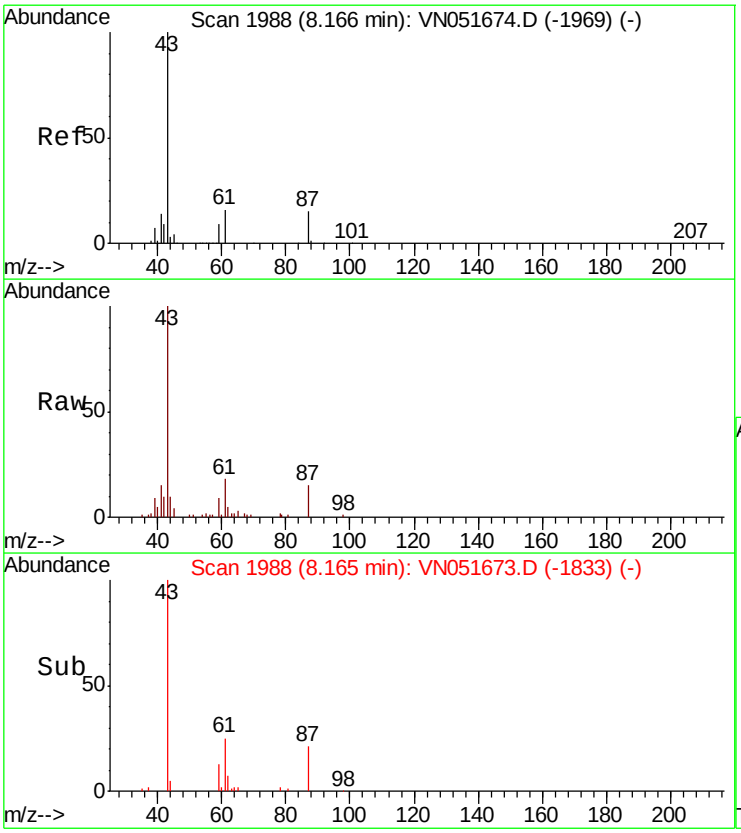
10/8/2018 3:58:45 PM

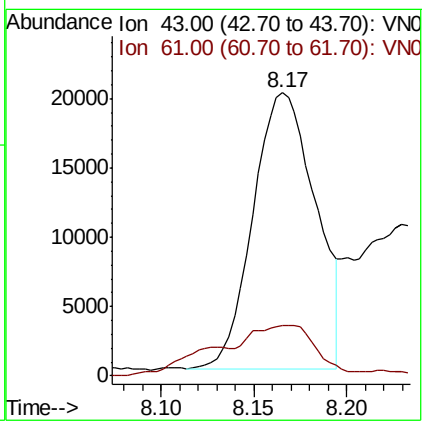


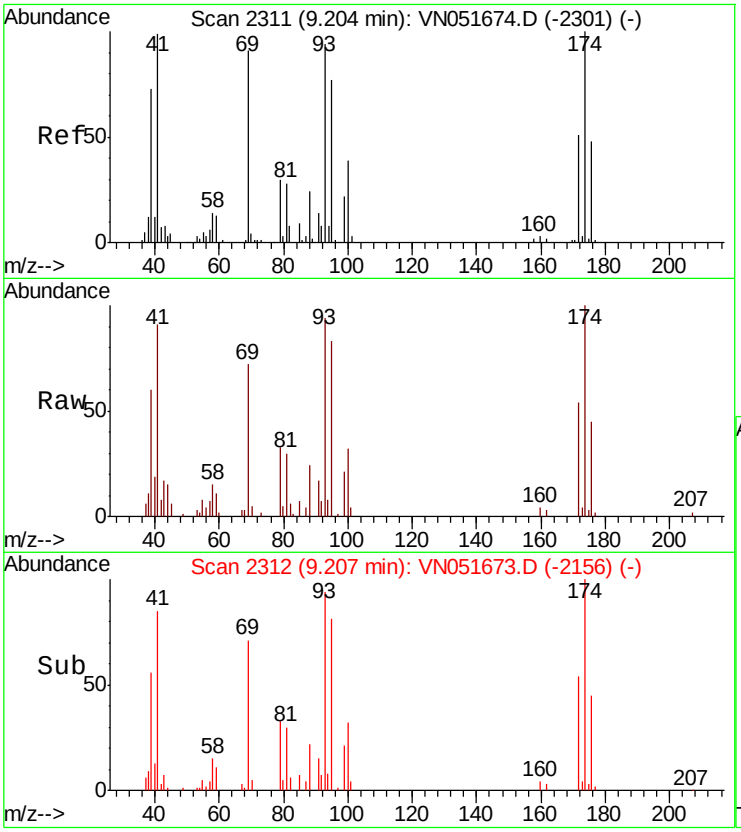


#44
Isopropyl Acetate
Concen: 4.540 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 46713

Ion	Ratio	Lower	Upper
43	100		
61	2.1	15.9	23.9#

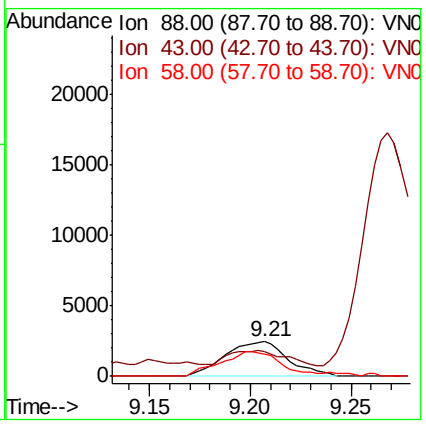




#45
1,4-Dioxane
Concen: 85.128 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 88 Resp: 5356

Ion	Ratio	Lower	Upper
88	100		
43	30.6	26.2	39.2
58	67.4	65.6	98.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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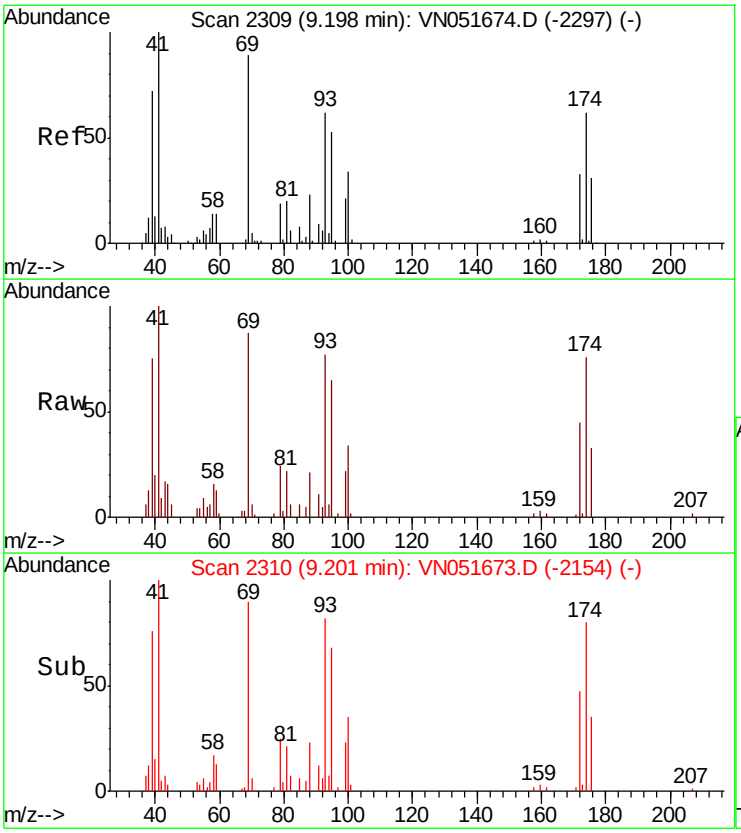
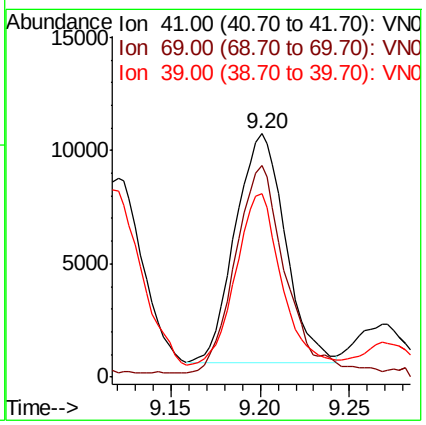
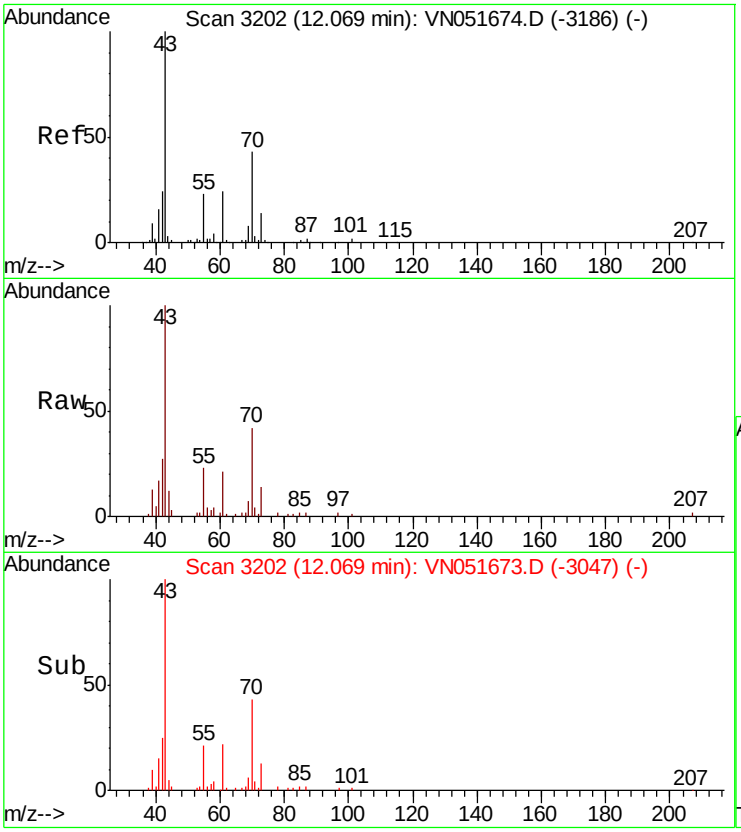


#46
Methyl methacrylate
Concen: 3.854 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 41 Resp: 19684

Ion	Ratio	Lower	Upper
41	100		
69	90.9	40.7	122.1
39	74.9	27.3	81.9





#47
n-amyl Acetate
Concen: 4.114 ug/l m
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 33633

Ion	Ratio	Lower	Upper
43	100		
55	0.3	12.2	18.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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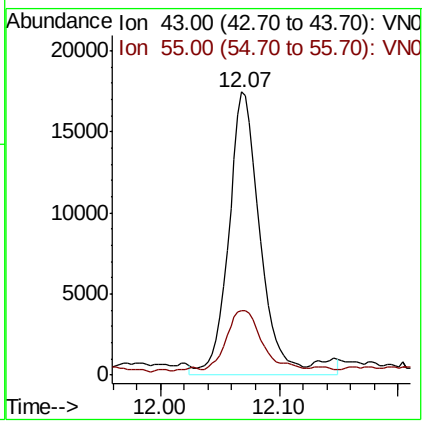
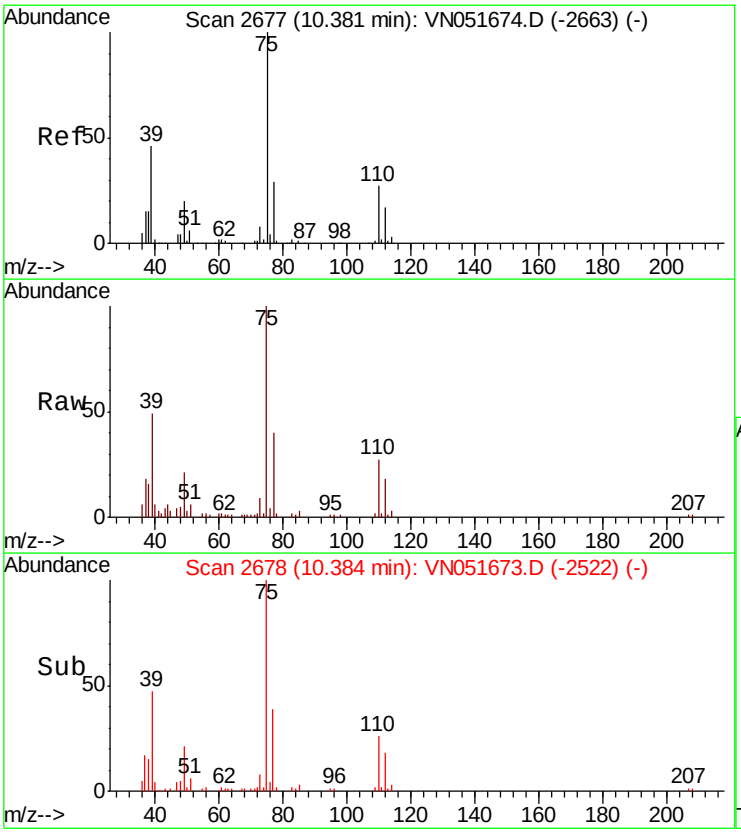
10/8/2018 3:58:45 PM

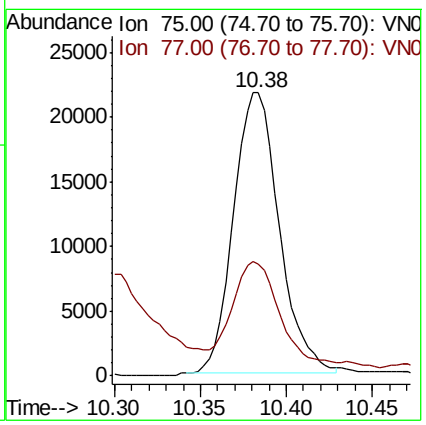


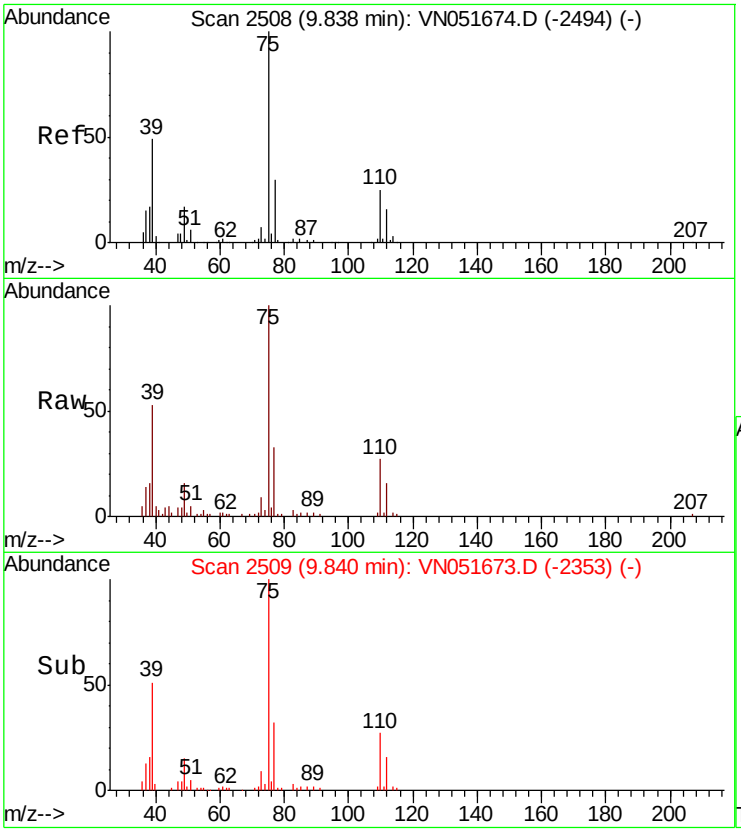


#48
t-1,3-Dichloropropene
Concen: 4.002 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 75 Resp: 39951

Ion	Ratio	Lower	Upper
75	100		
77	35.4	24.6	37.0

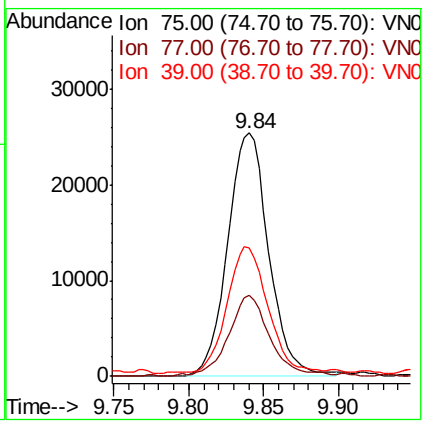




#49
cis-1,3-Dichloropropene
Concen: 4.172 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 75 Resp: 48645

Ion	Ratio	Lower	Upper
75	100		
77	32.2	23.2	34.8
39	51.2	34.6	52.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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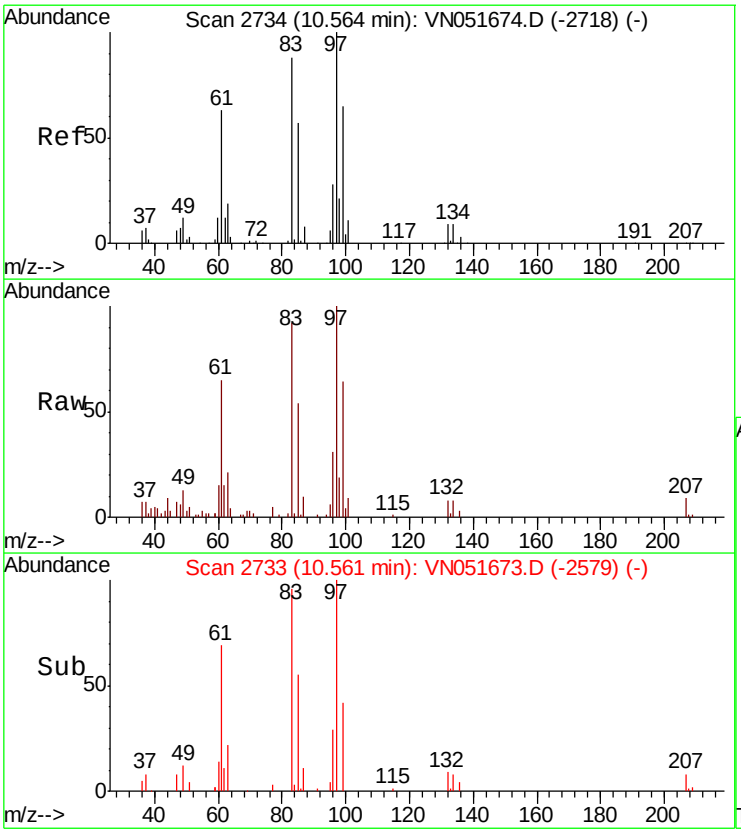
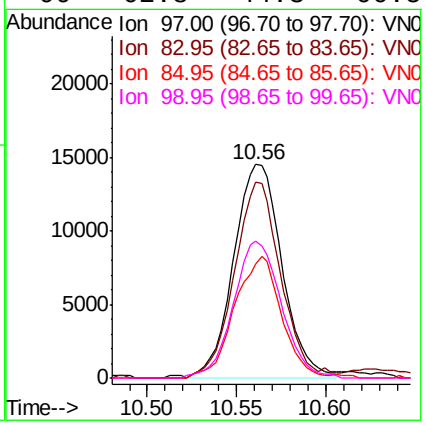
10/8/2018 3:58:45 PM

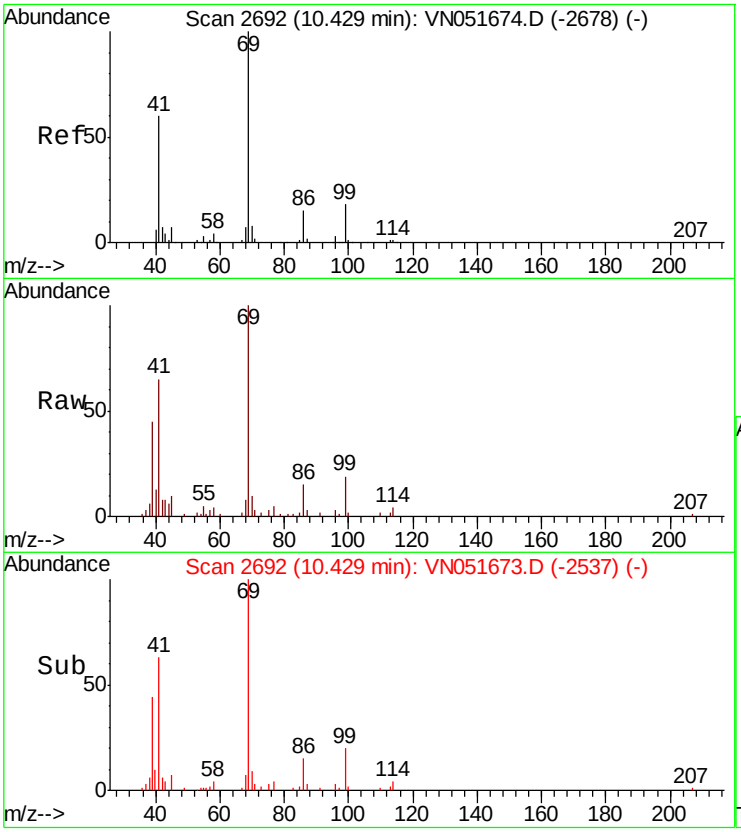


#50
1,1,2-Trichloroethane
Concen: 4.173 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 97 Resp: 27510

Ion	Ratio	Lower	Upper
97	100		
83	91.8	68.2	102.4
85	53.6	42.5	63.7
99	62.8	44.3	66.5

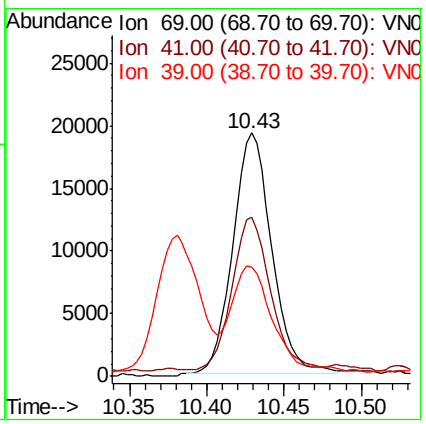




#51
Ethyl methacrylate
Concen: 4.353 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 69 Resp: 33603

Ion	Ratio	Lower	Upper
69	100		
41	63.0	34.4	103.1
39	42.1	16.3	48.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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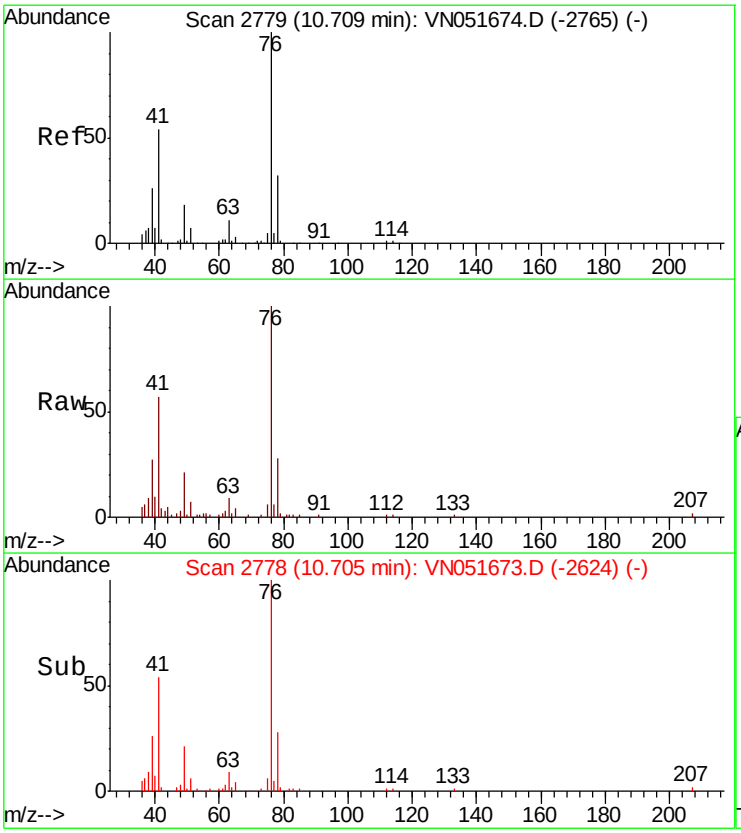
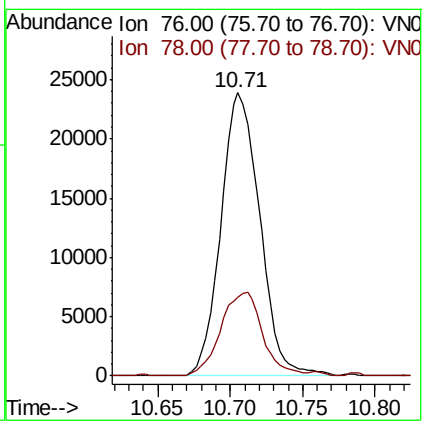
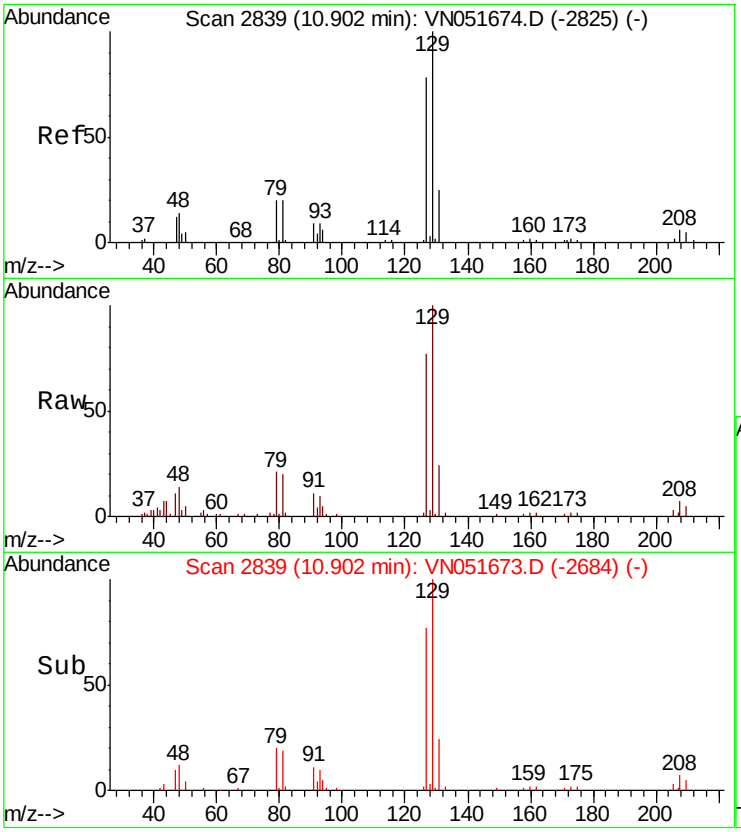


#52
1,3-Dichloropropane
Concen: 4.000 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 76 Resp: 44520

Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	67.6





#53
Dibromochloromethane
Concen: 4.547 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:129 Resp: 34482

Ion	Ratio	Lower	Upper
129	100		
127	77.7	40.2	120.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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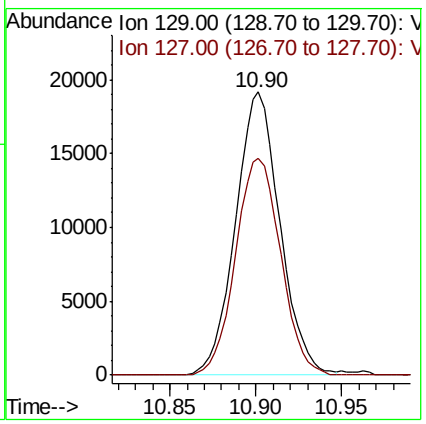
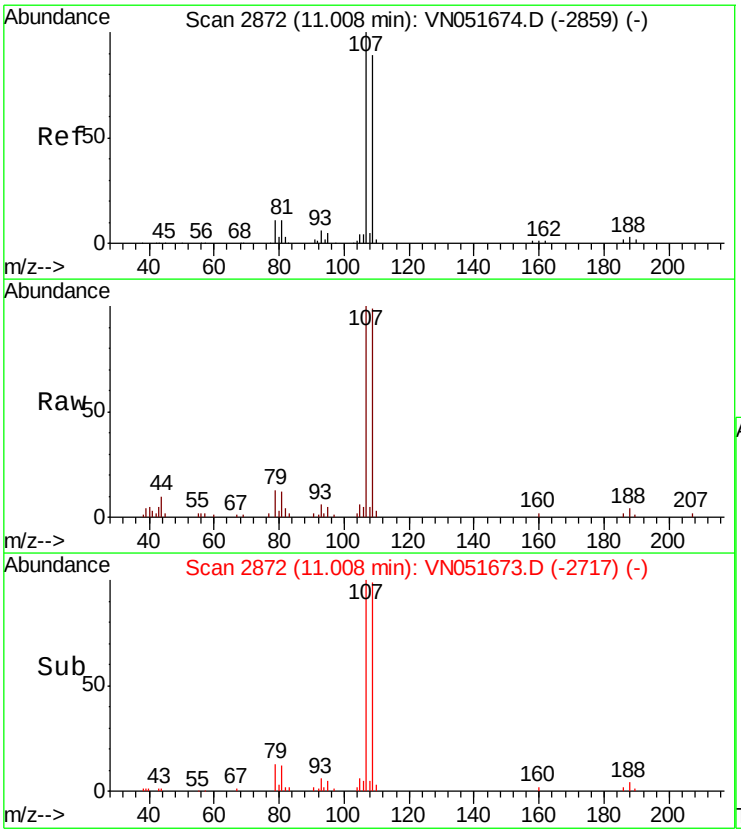
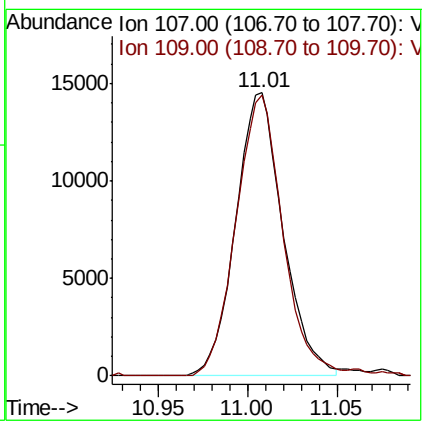


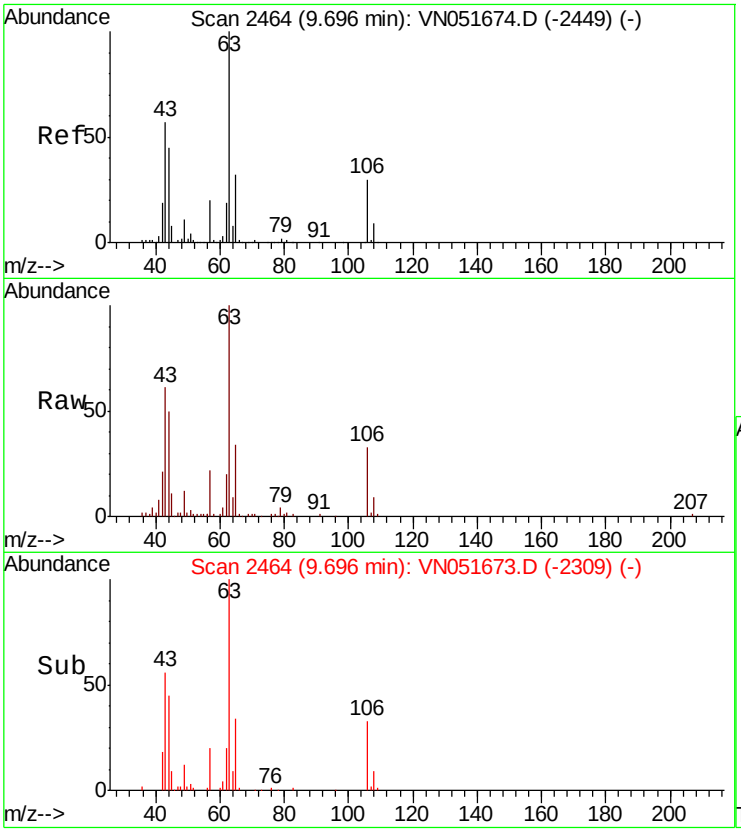


#54
1,2-Dibromoethane
Concen: 4.253 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:107 Resp: 26930

Ion	Ratio	Lower	Upper
107	100		
109	97.9	77.4	116.0

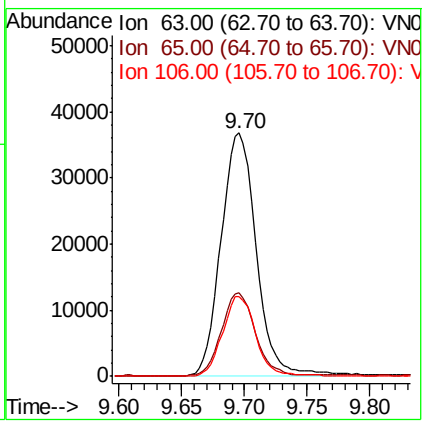




#55
2-Chloroethyl vinyl ether
Concen: 18.681 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 63 Resp: 71921

Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.4	38.0
106	30.6	21.2	31.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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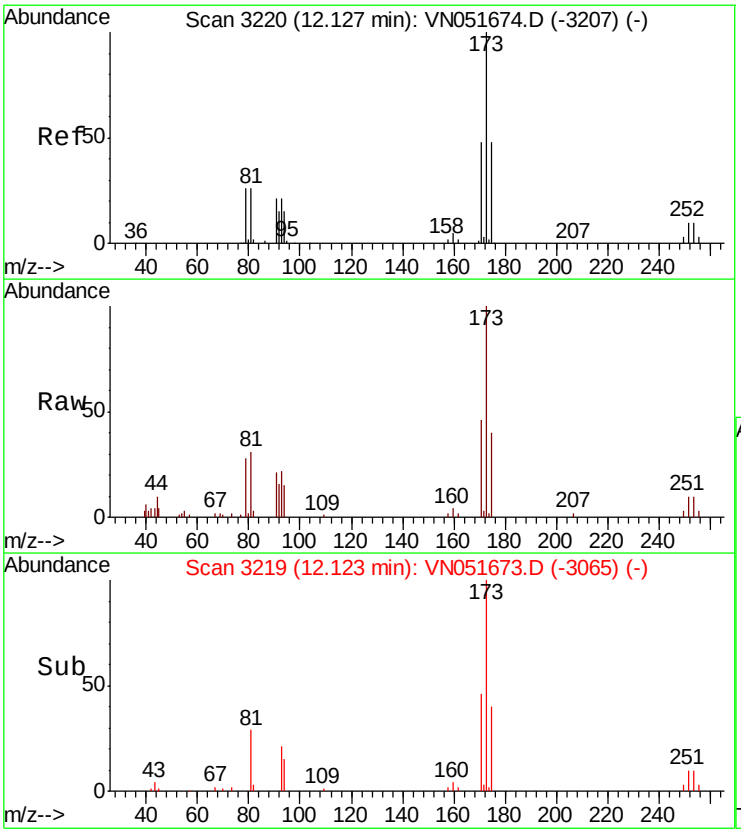
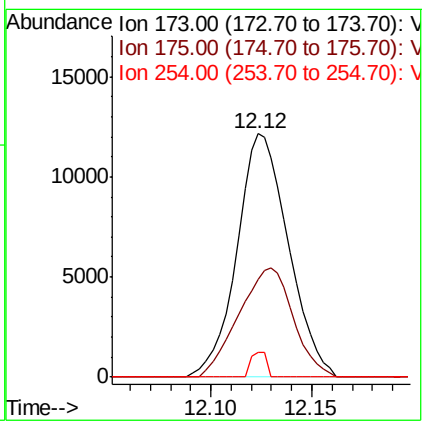
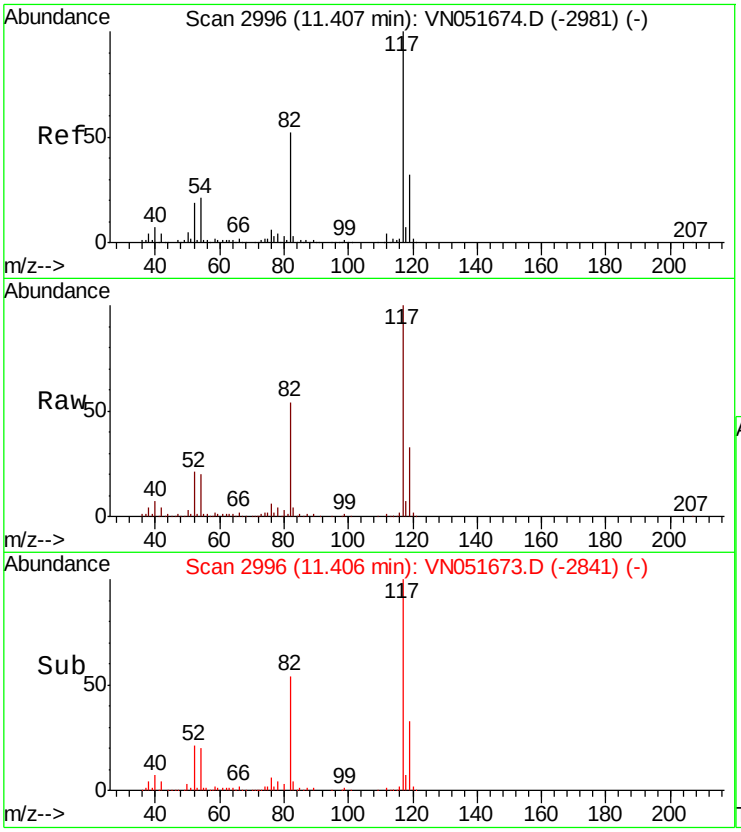


#56
Bromoform
Concen: 4.253 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:173 Resp: 21614

Ion	Ratio	Lower	Upper
173	100		
175	47.7	35.8	53.8
254	3.1	8.6	13.0#

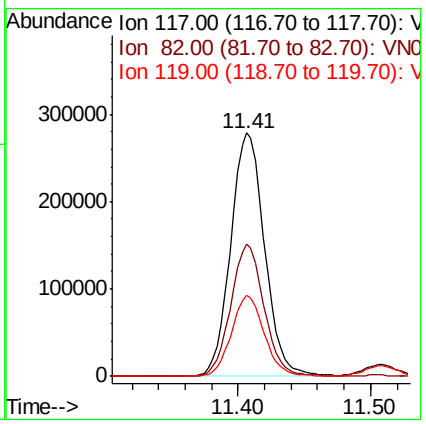




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:117 Resp: 495626

Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.1	66.1
119	32.2	25.8	38.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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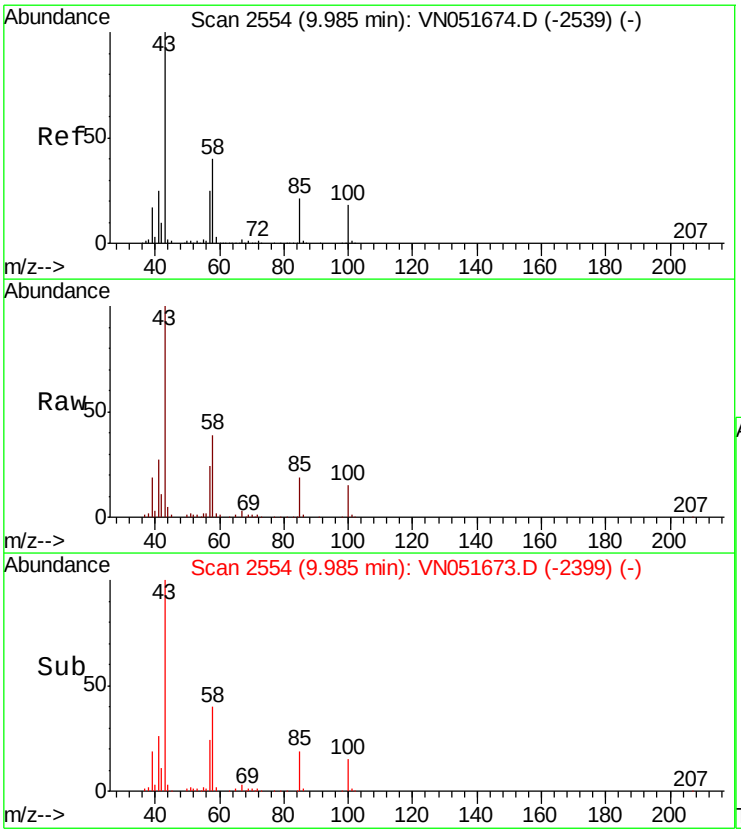
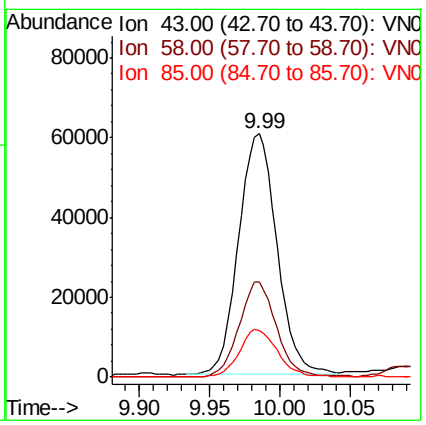
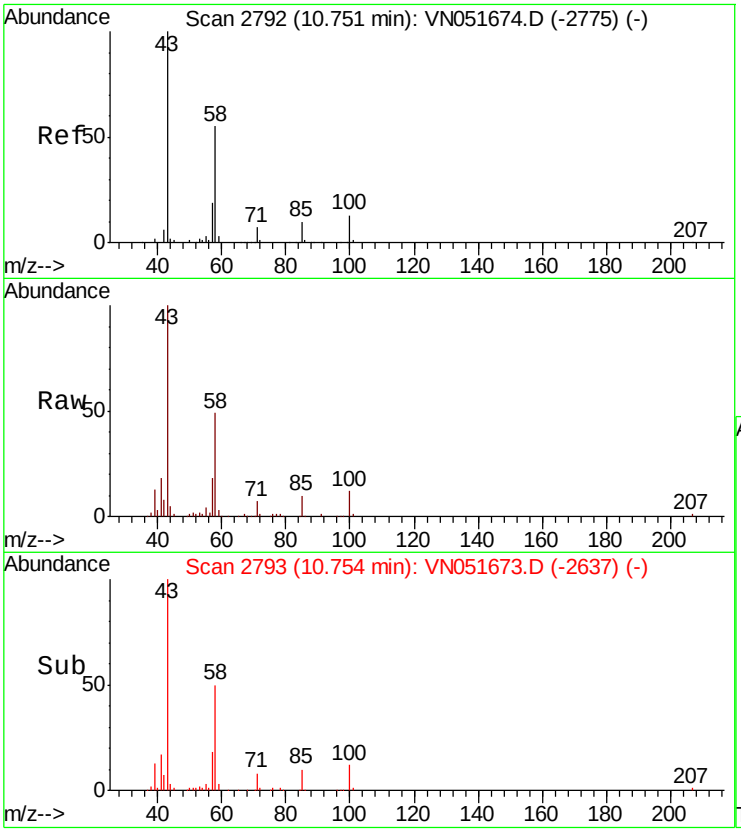


#58
4-Methyl-2-Pentanone
Concen: 22.489 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 115219

Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.3	43.9
85	19.5	12.6	18.8#

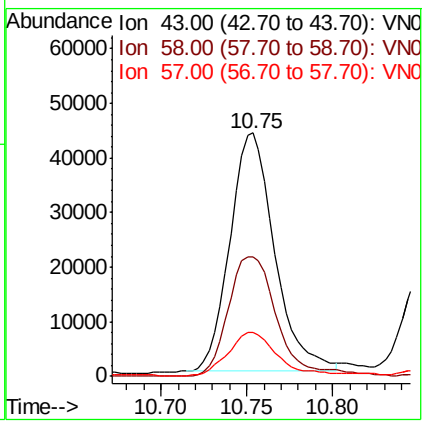




#59
2-Hexanone
Concen: 23.629 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 43 Resp: 78821

Ion	Ratio	Lower	Upper
43	100		
58	55.1	41.3	61.9
57	19.6	13.4	20.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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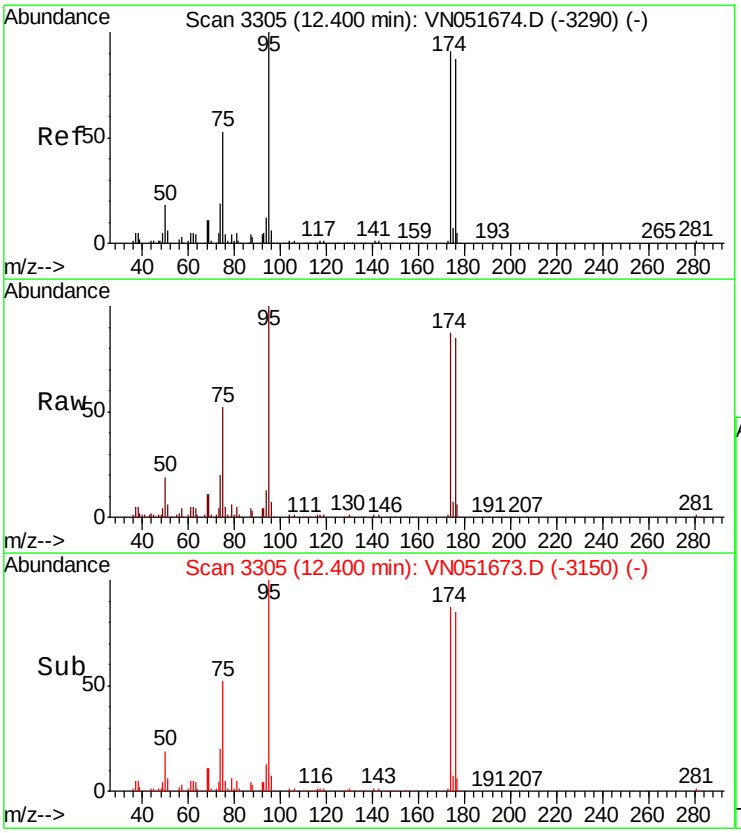
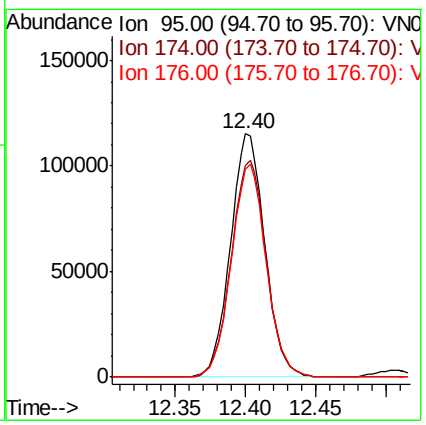
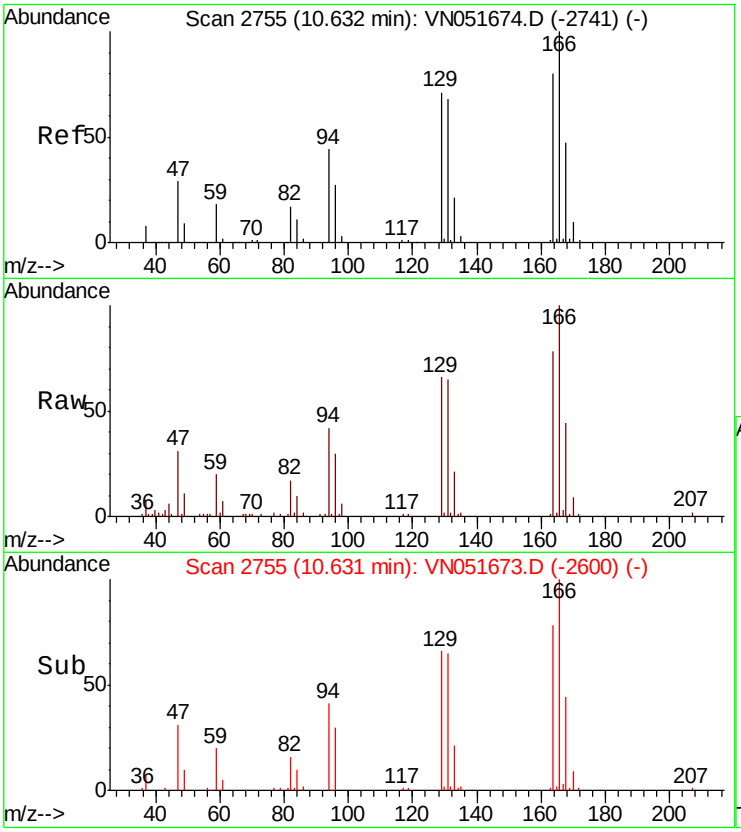


#60
4-Bromofluorobenzene
Concen: 23.629 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 95 Resp: 196764

Ion	Ratio	Lower	Upper
95	100		
174	90.9	73.5	110.3
176	88.5	70.2	105.2

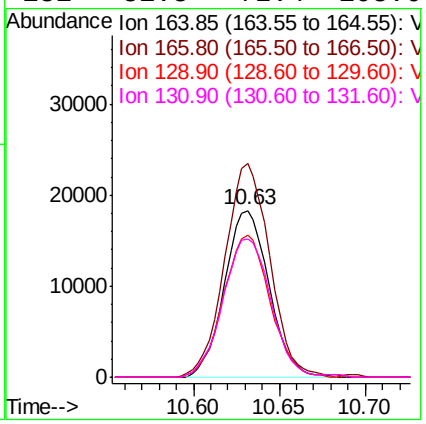




#61
Tetrachloroethene
Concen: 4.859 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:164 Resp: 33014

Ion	Ratio	Lower	Upper
164	100		
166	126.7	98.7	148.1
129	84.9	69.6	104.4
131	81.8	72.4	108.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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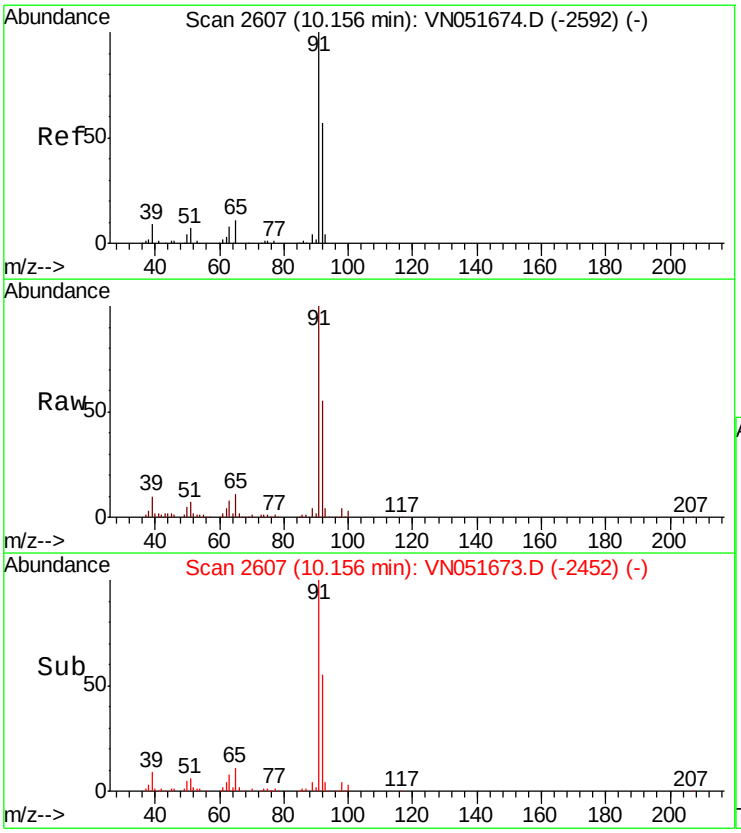
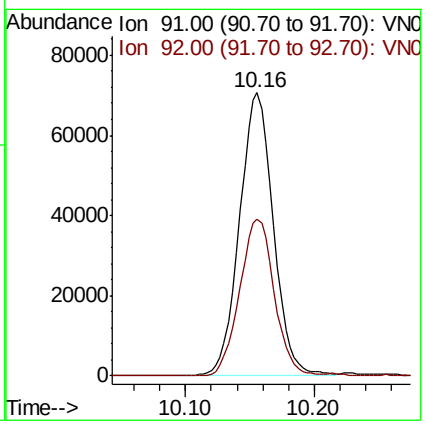
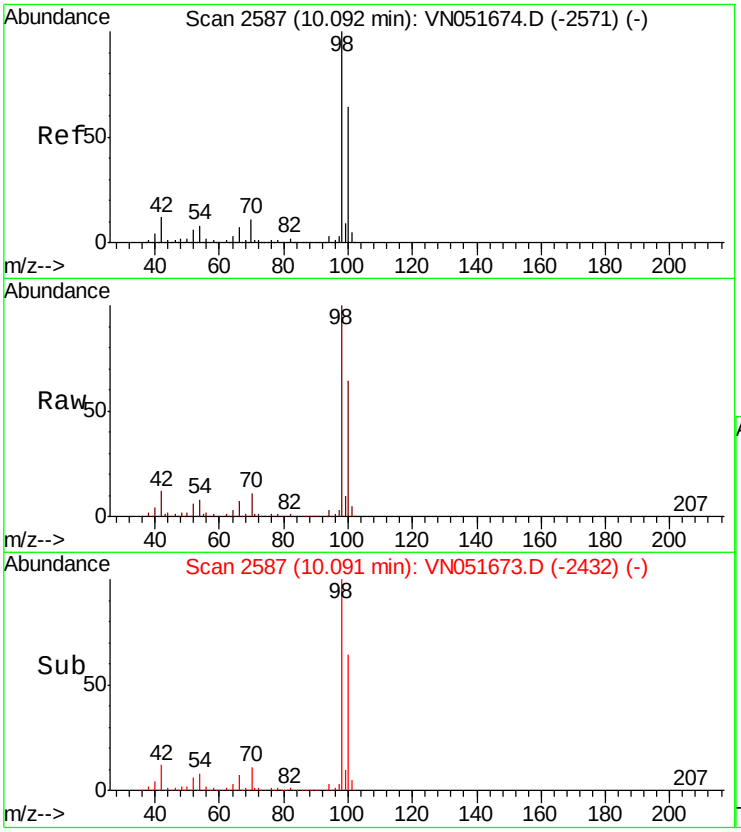


#62
Toluene
Concen: 4.313 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 91 Resp: 129024

Ion	Ratio	Lower	Upper
91	100		
92	56.8	44.6	66.8





#63
Toluene-d8
Concen: 4.313 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 98 Resp: 704996

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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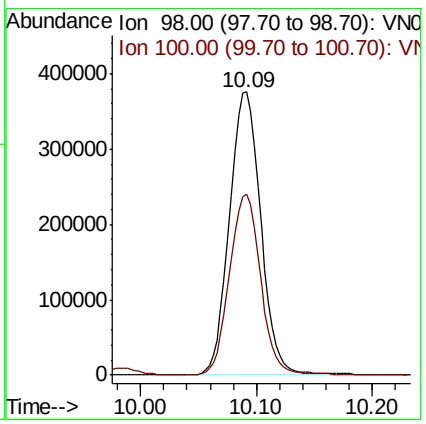
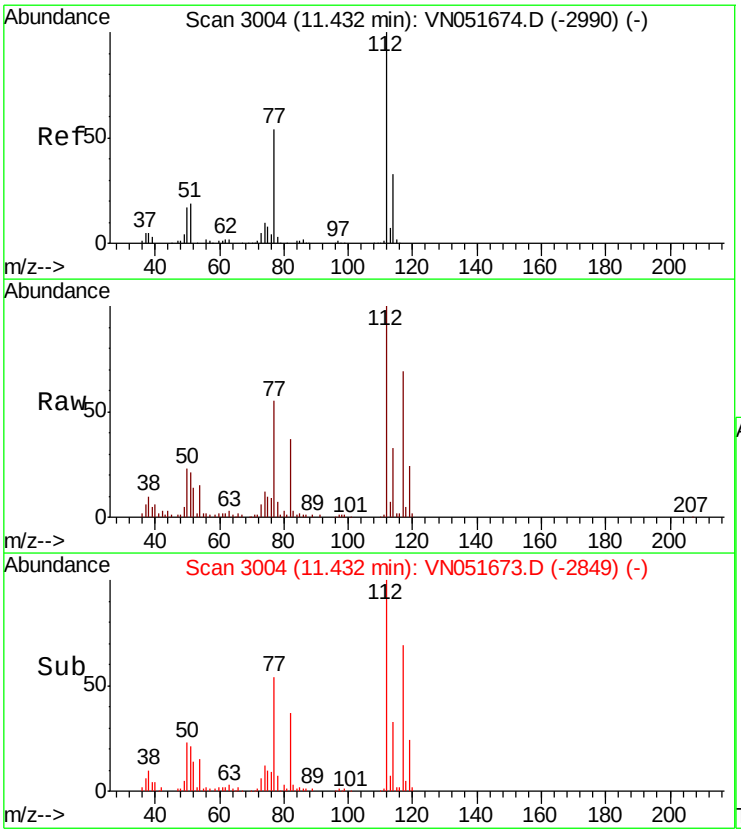
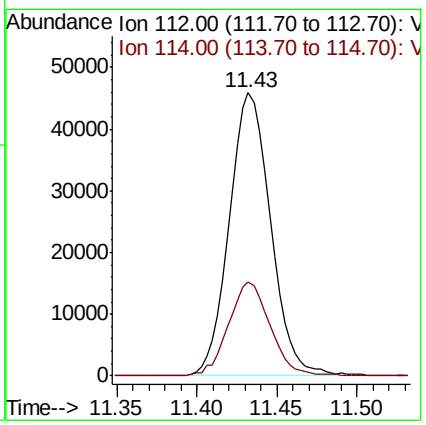


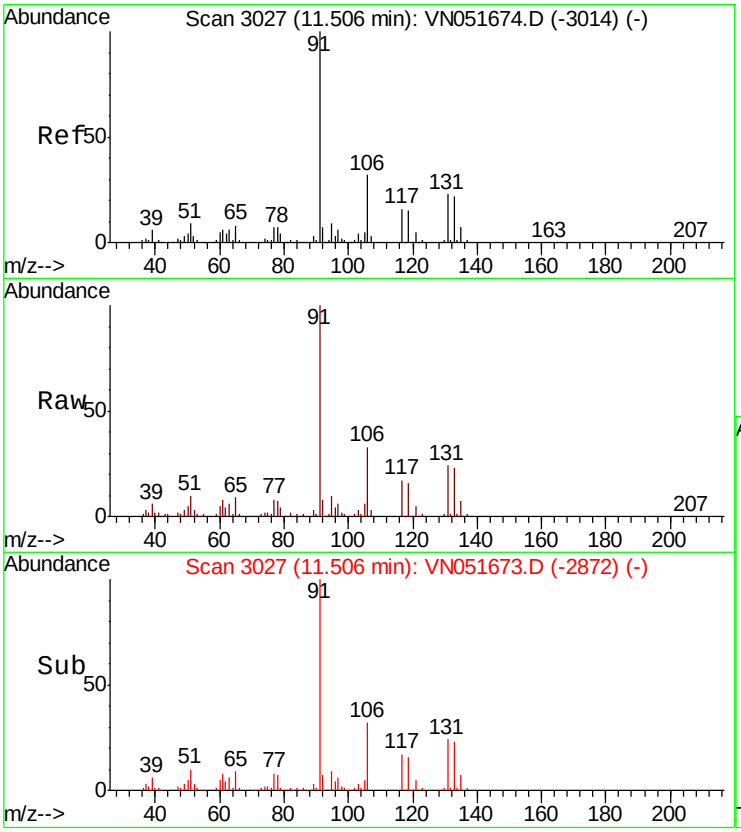


#64
Chlorobenzene
Concen: 4.415 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:112 Resp: 80837

Ion	Ratio	Lower	Upper
112	100		
114	33.0	27.5	41.3

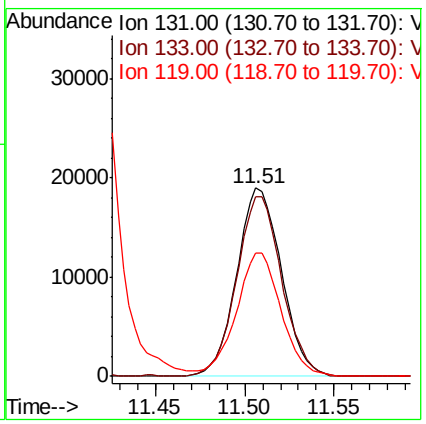




#65
1,1,1,2-Tetrachloroethane
Concen: 4.703 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:131 Resp: 33339

Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	190.4
119	65.5	0.0	128.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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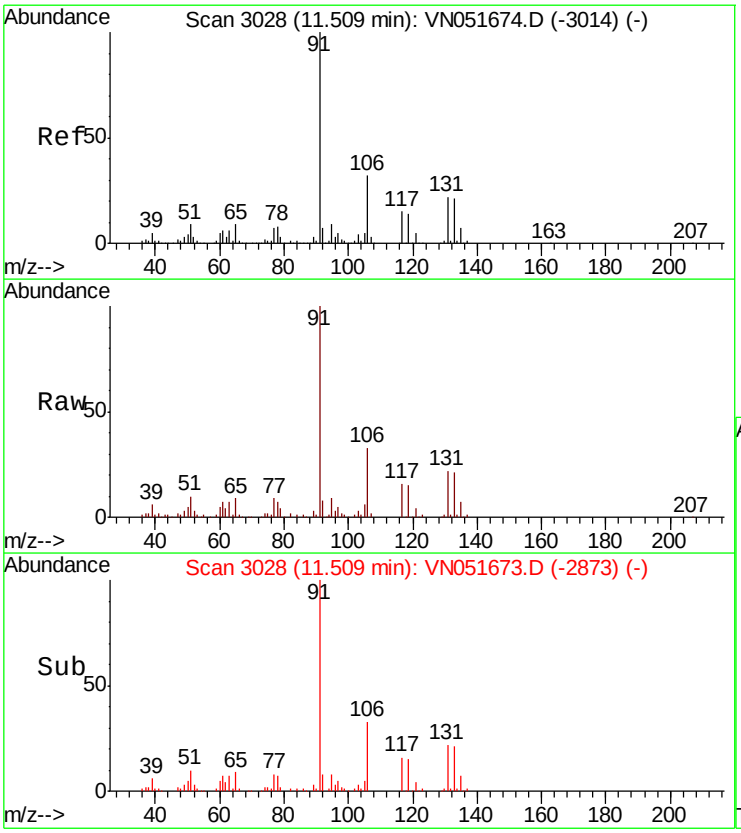
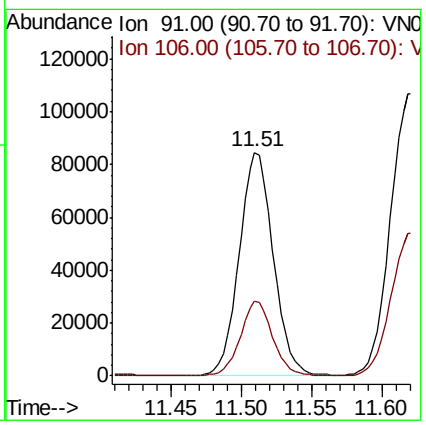
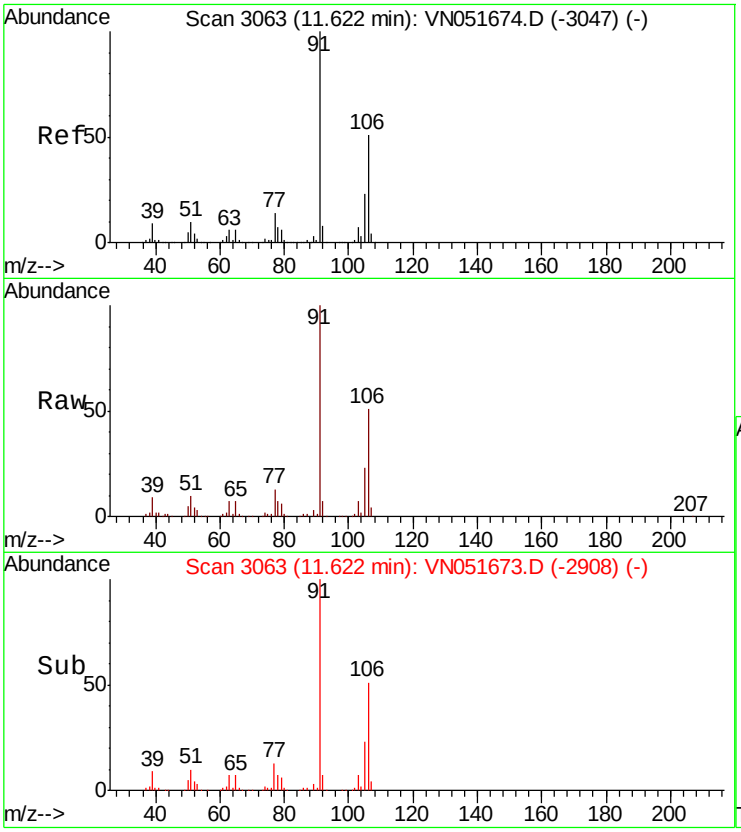


#66
Ethyl Benzene
Concen: 4.653 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 91 Resp: 143039

Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.9	38.9

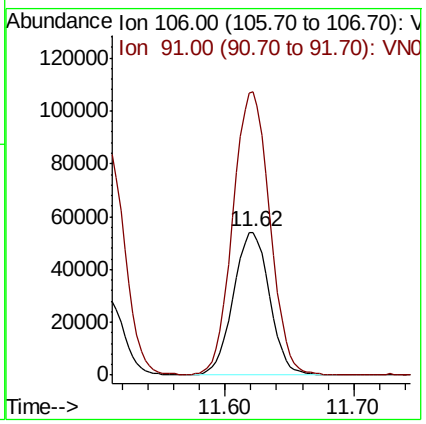




#67
m/p-Xylenes
Concen: 8.873 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:106 Resp: 106058

Ion	Ratio	Lower	Upper
106	100		
91	199.6	158.8	238.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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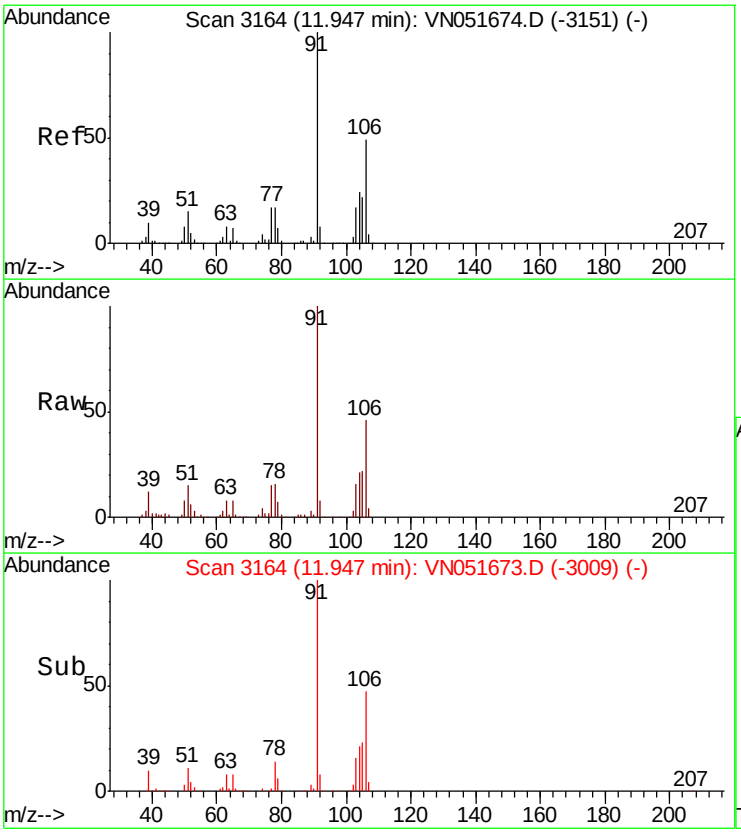
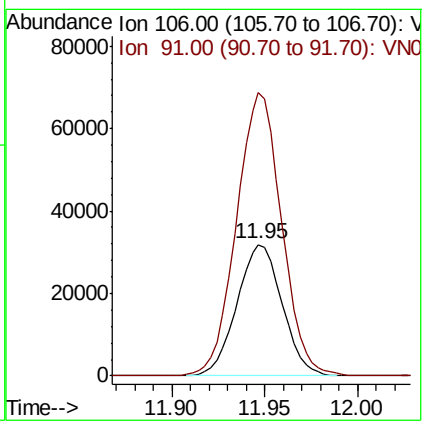
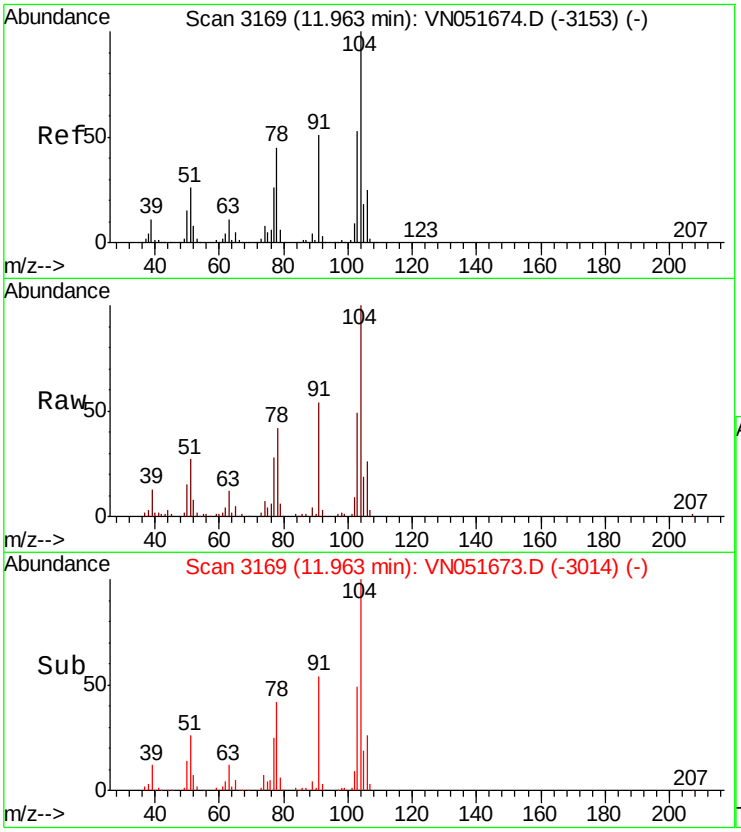


#68
o-Xylene
Concen: 4.737 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:106 Resp: 53809

Ion	Ratio	Lower	Upper
106	100		
91	213.9	111.1	333.3





#69
Stvrene
Concen: 4.409 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:104 Resp: 79314

Ion	Ratio	Lower	Upper
104	100		
78	48.9	40.6	60.8
103	55.6	44.0	66.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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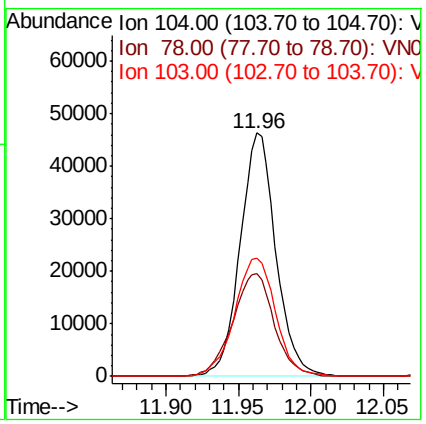
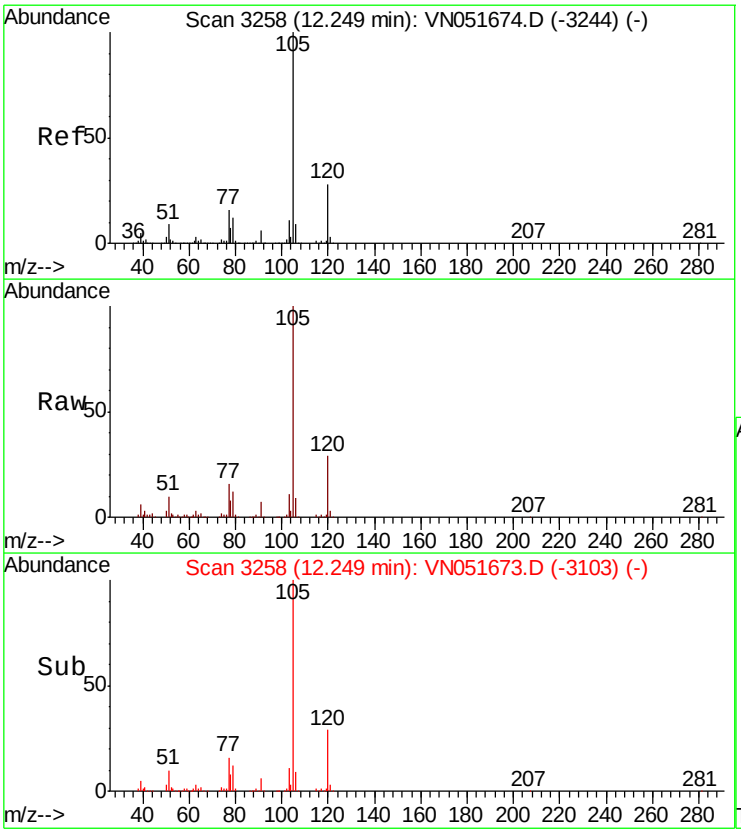
10/8/2018 3:58:45 PM

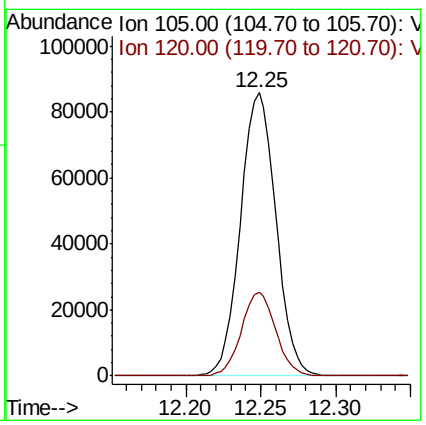


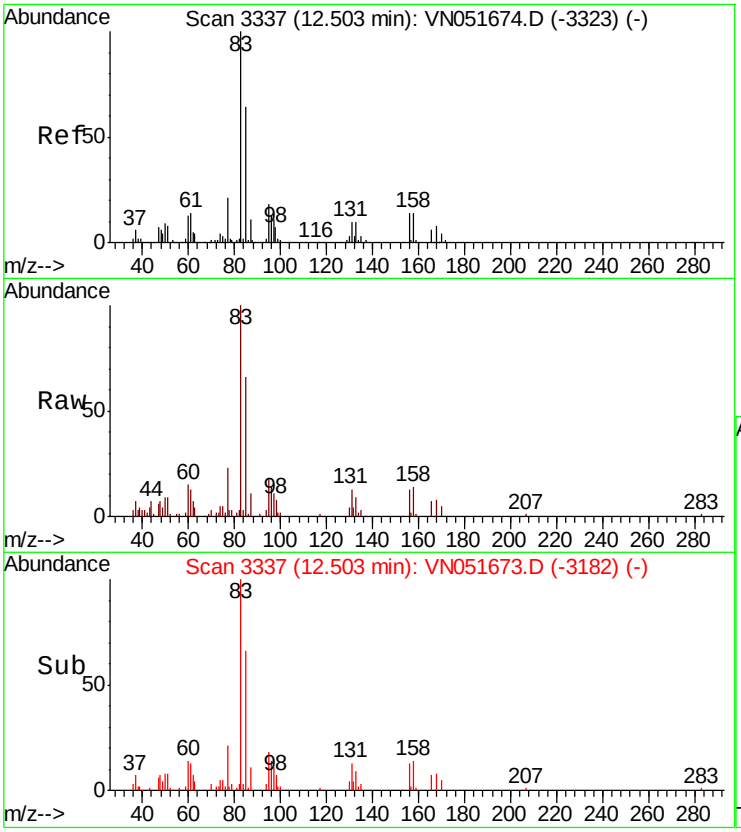


#70
Isopropylbenzene
Concen: 4.663 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:105 Resp: 141997

Ion	Ratio	Lower	Upper
105	100		
120	28.5	19.0	35.4

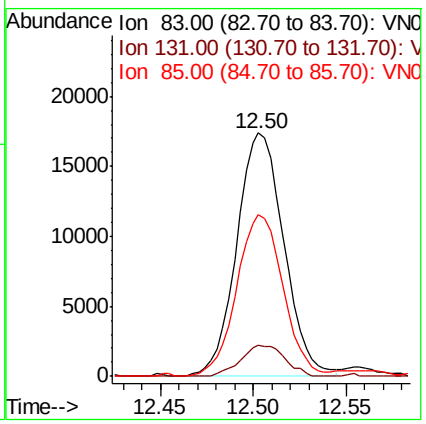




#71
1,1,2,2-Tetrachloroethane
Concen: 4.351 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 83 Resp: 30720

Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.5	16.4
85	65.2	30.6	91.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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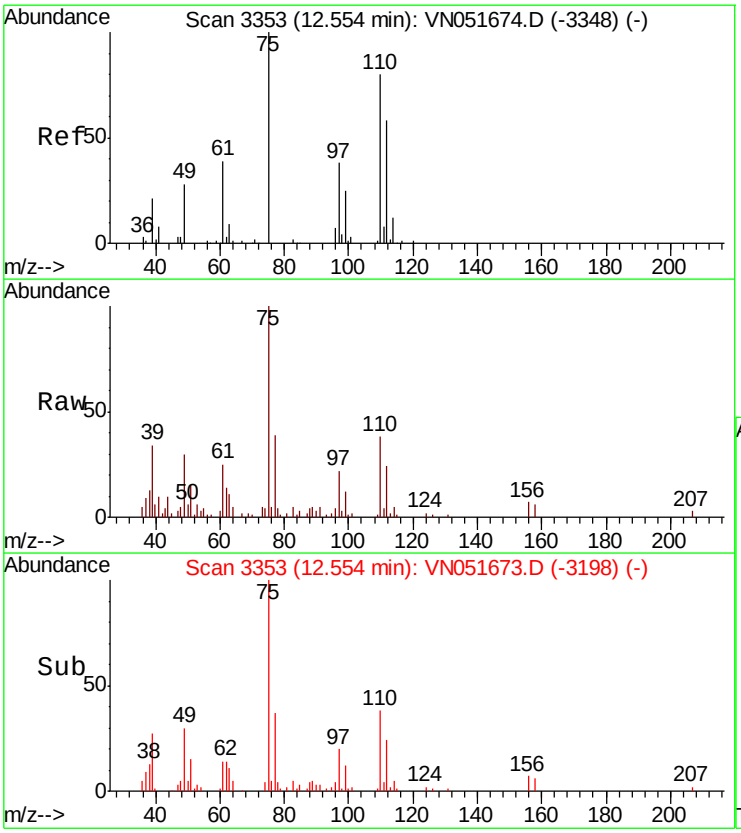
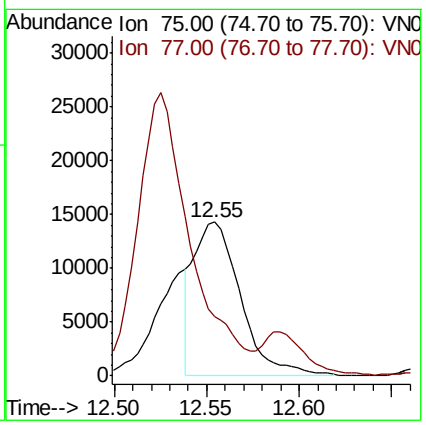
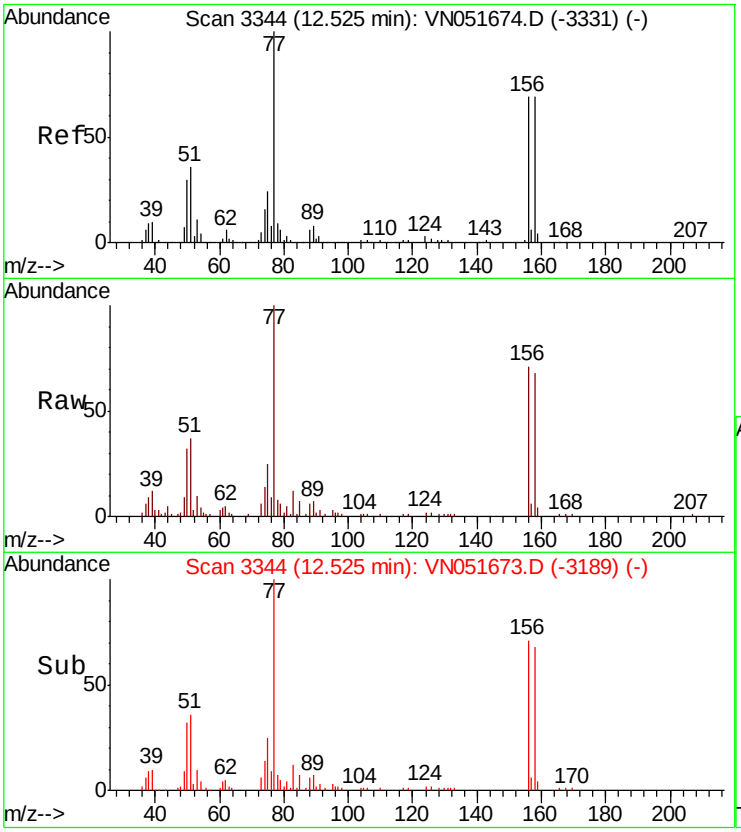


#72
1,2,3-Trichloropropane
Concen: 4.119 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 75 Resp: 25187

Ion	Ratio	Lower	Upper
75	100		
77	211.4	0.0	400.0

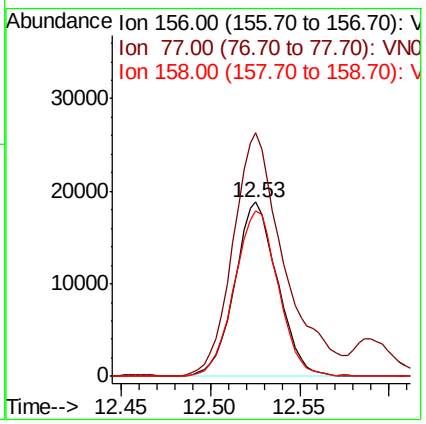




#73
Bromobenzene
Concen: 4.157 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:156 Resp: 31598

Ion	Ratio	Lower	Upper
156	100		
77	168.5	0.0	377.4
158	97.3	0.0	203.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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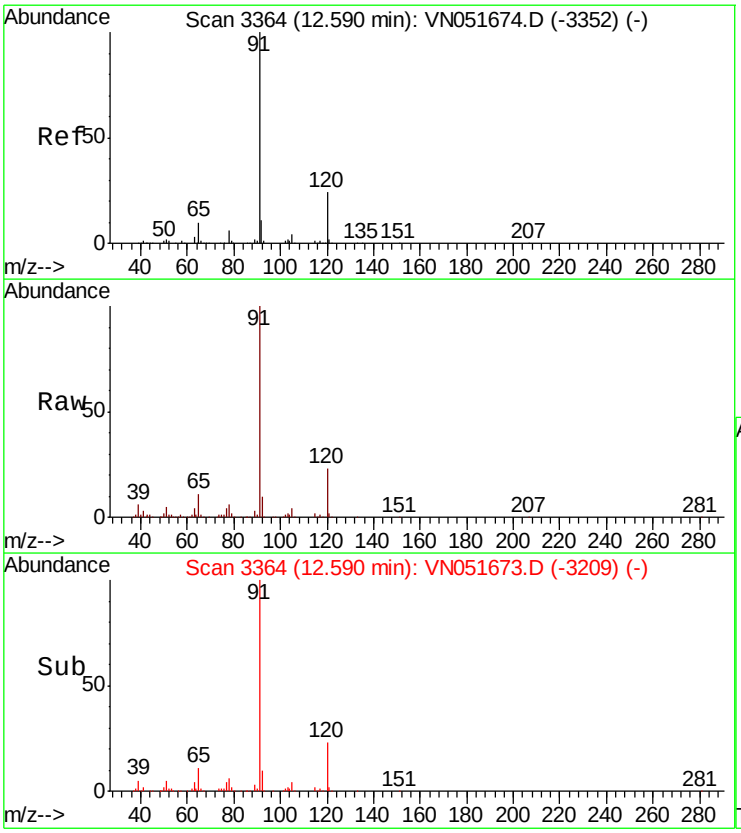
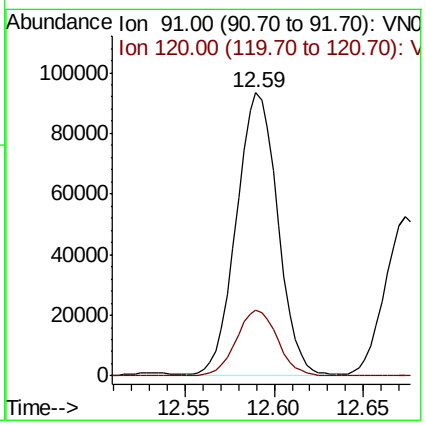
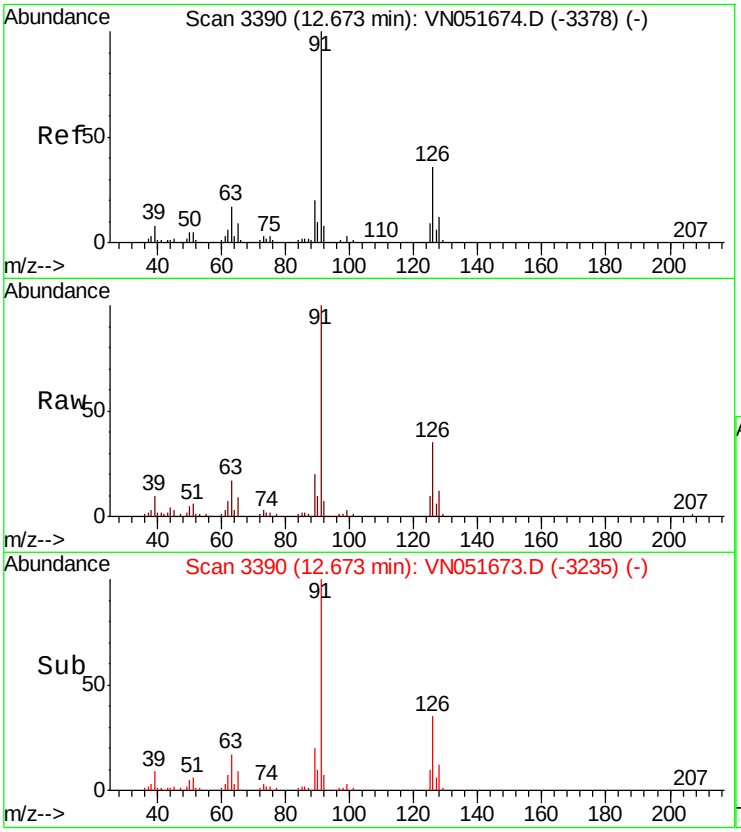


#74
n-propylbenzene
Concen: 4.263 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 91 Resp: 150299

Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	45.0





#75
2-Chlorotoluene
Concen: 4.211 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 91 Resp: 87801

Ion	Ratio	Lower	Upper
91	100		
126	36.3	0.0	67.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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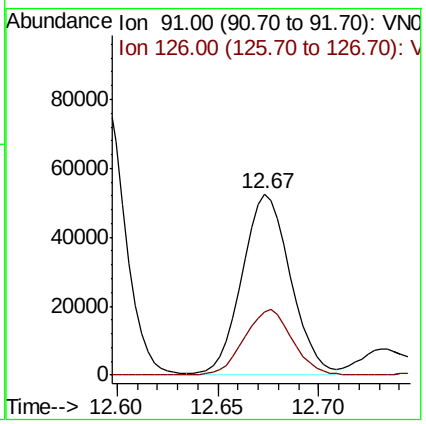
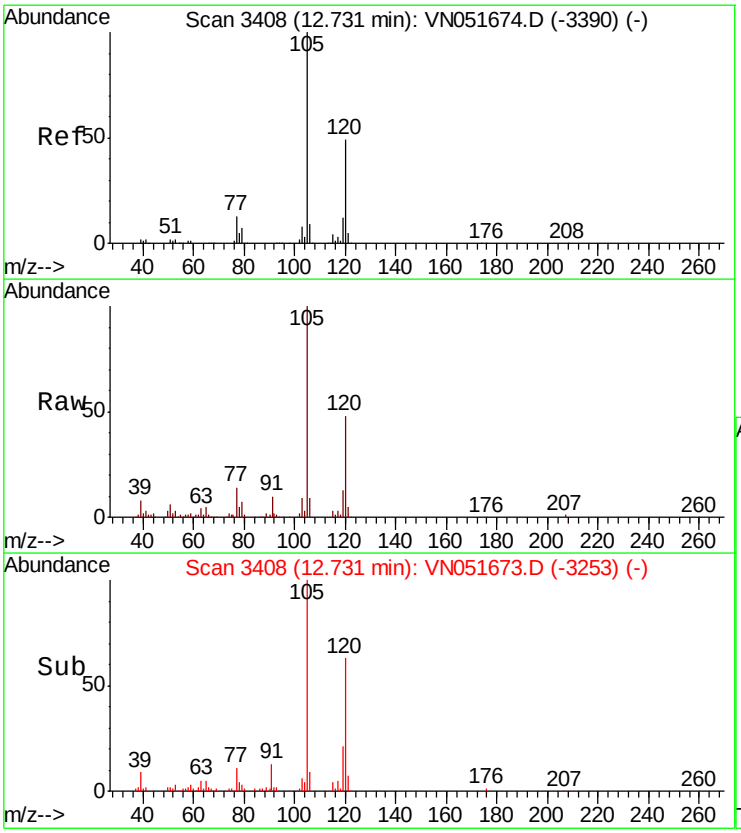
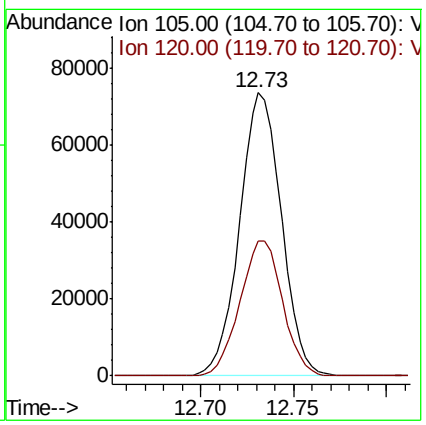


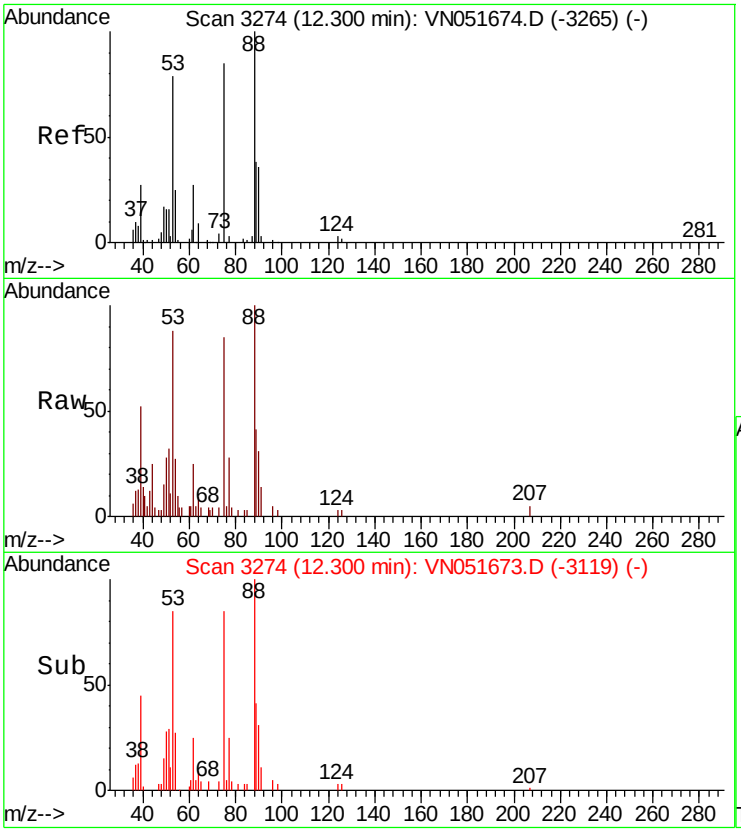


#76
1,3,5-Trimethylbenzene
Concen: 4.590 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:105 Resp: 115595

Ion	Ratio	Lower	Upper
105	100		
120	48.7	0.0	98.2





#77
t-1,4-Dichloro-2-butene
Concen: 3.799 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 75 Resp: 7242

Ion	Ratio	Lower	Upper
75	100		
53	95.5	46.3	138.9
89	48.0	24.6	73.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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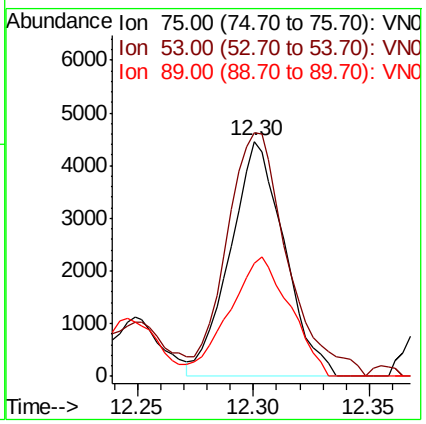
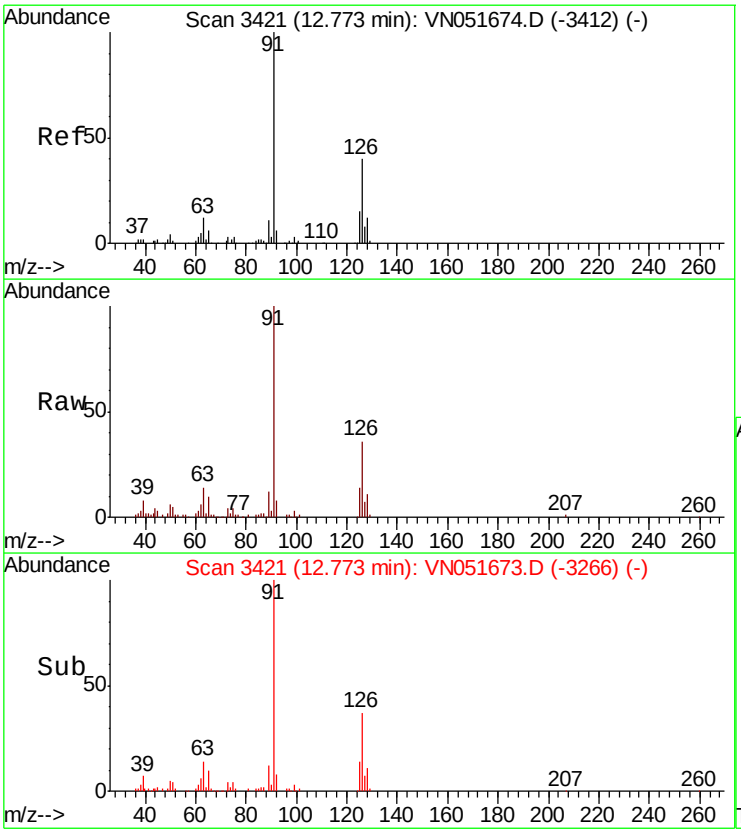
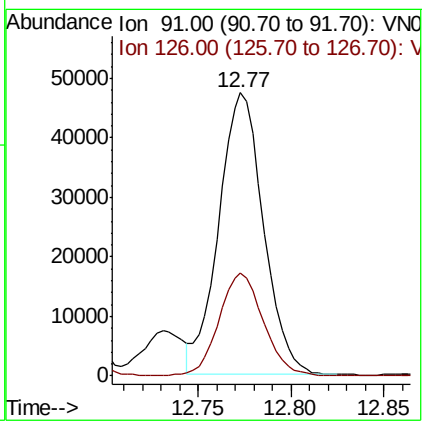


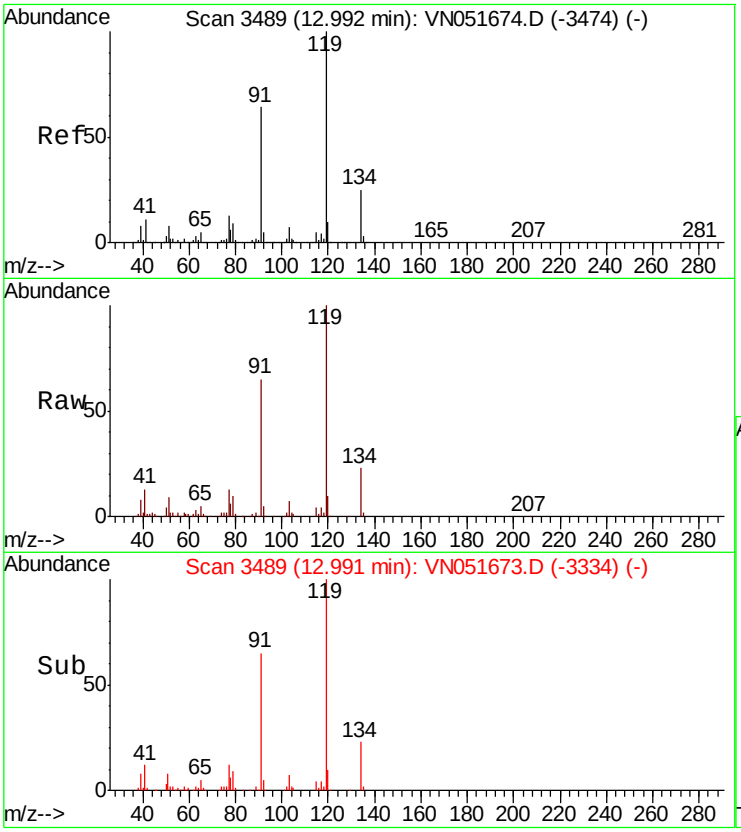


#78
4-Chlorotoluene
Concen: 3.824 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 91 Resp: 79199

Ion	Ratio	Lower	Upper
91	100		
126	36.2	0.0	65.2

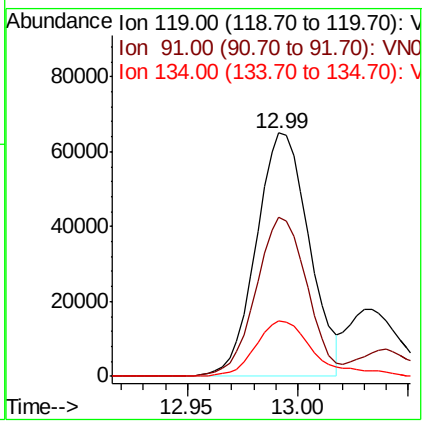




#79
tert-butylbenzene
Concen: 4.941 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:119 Resp: 107788

Ion	Ratio	Lower	Upper
119	100		
91	63.9	0.0	131.6
134	25.2	0.0	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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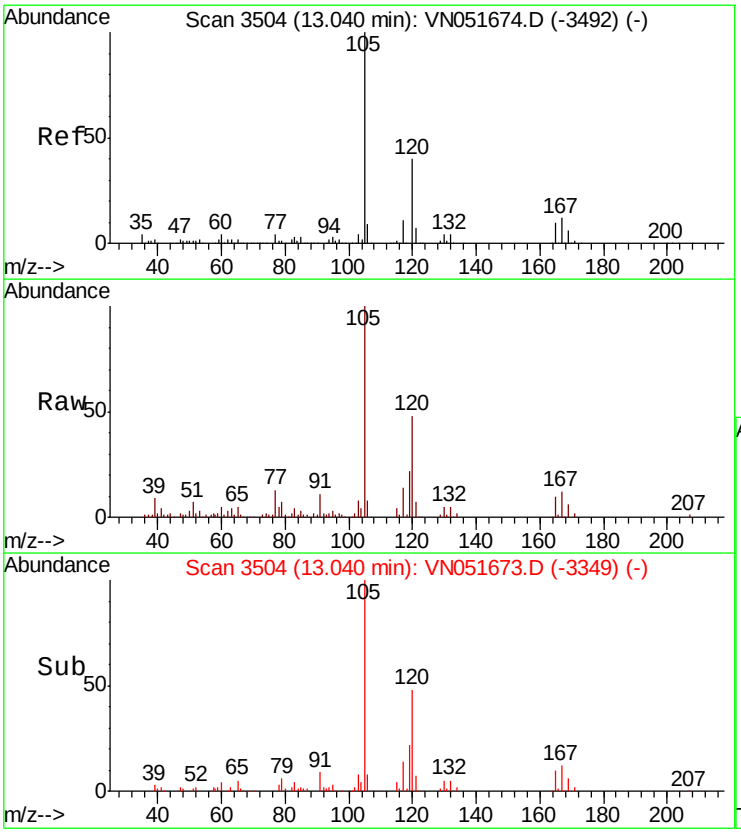
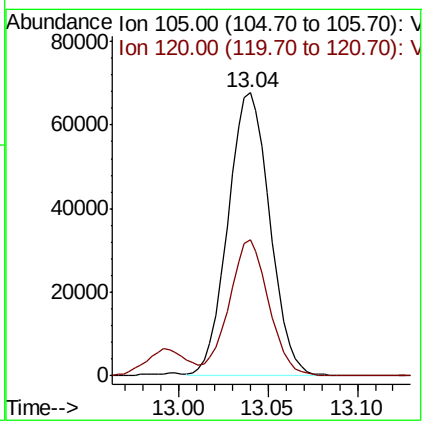
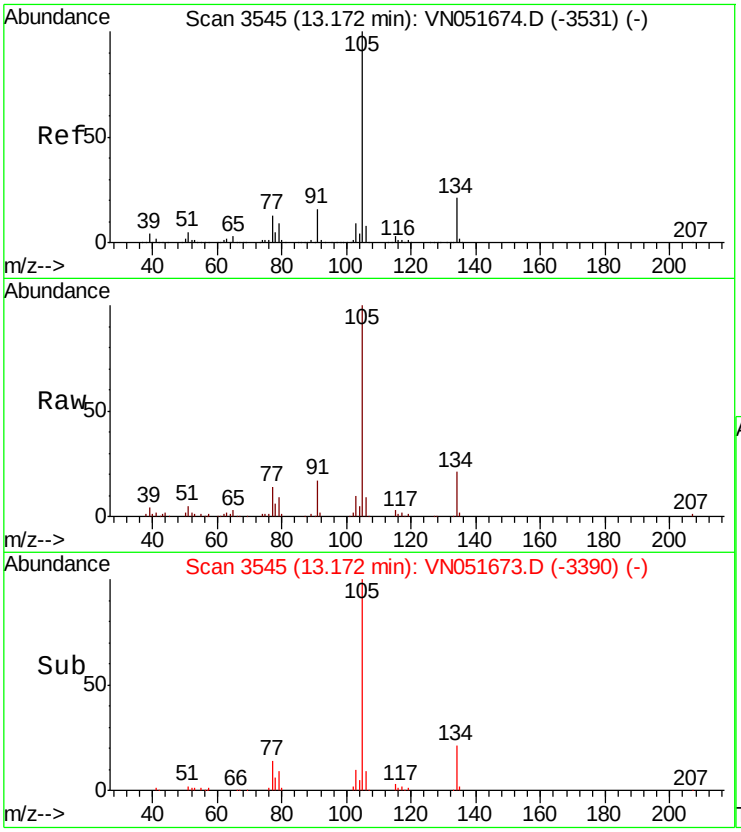


#80
1,2,4-Trimethylbenzene
Concen: 4.367 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:105 Resp: 110946

Ion	Ratio	Lower	Upper
105	100		
120	45.7	0.0	89.6

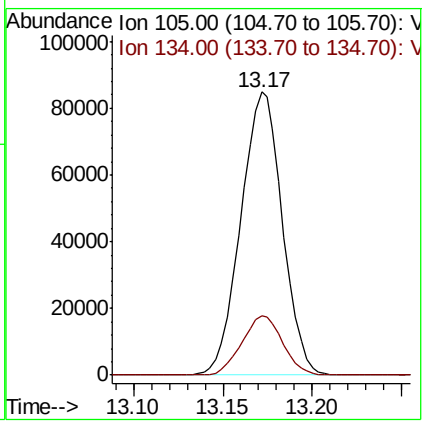




#81
sec-Butylbenzene
Concen: 4.595 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:105 Resp: 138130

Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	39.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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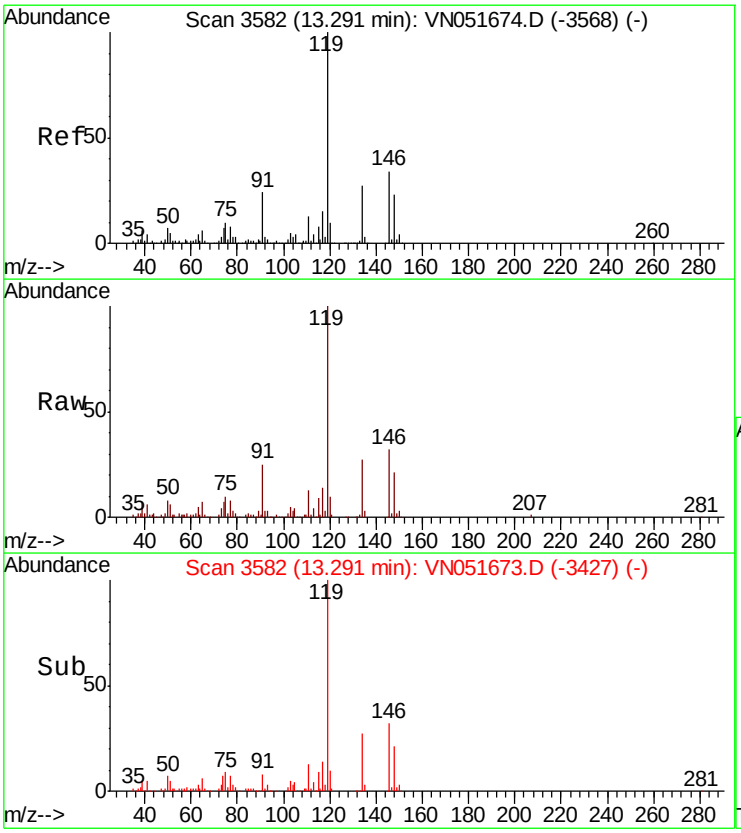
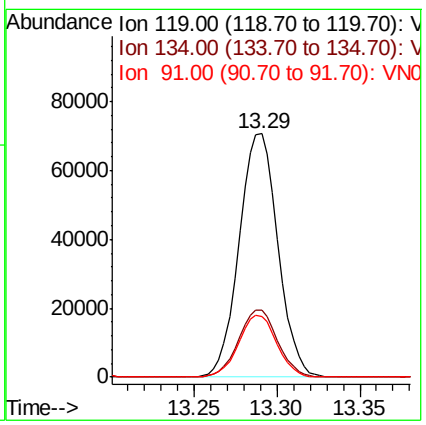
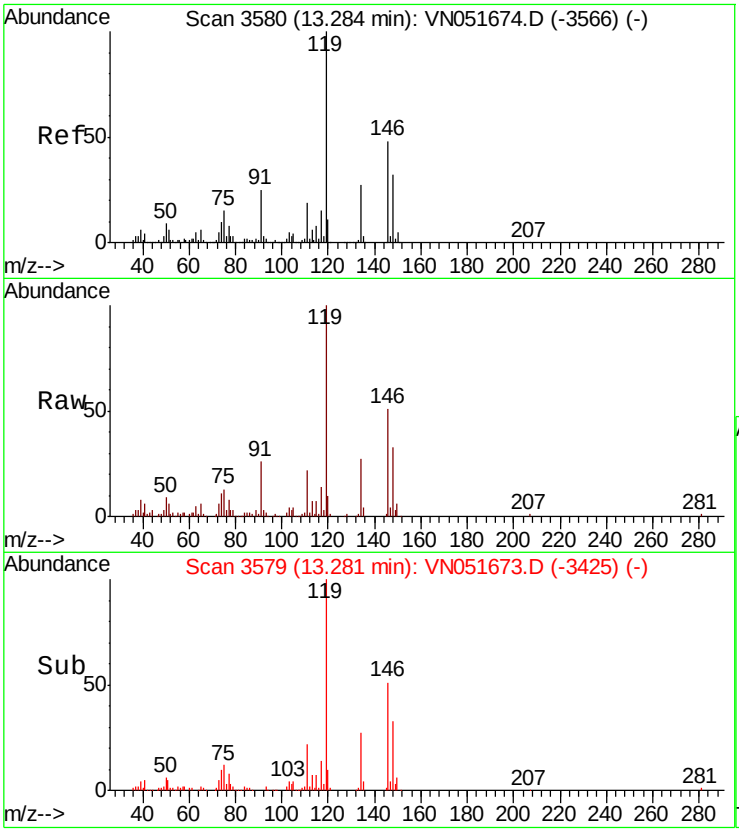


#82
p-Isopropyltoluene
Concen: 4.420 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:119 Resp: 114797

Ion	Ratio	Lower	Upper
119	100		
134	27.7	0.0	53.6
91	25.0	0.0	52.0

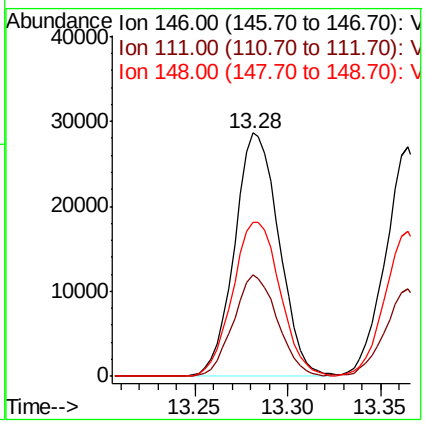




#83
1,3-Dichlorobenzene
Concen: 3.588 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:146 Resp: 47846

Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.1	54.3
148	67.3	31.3	93.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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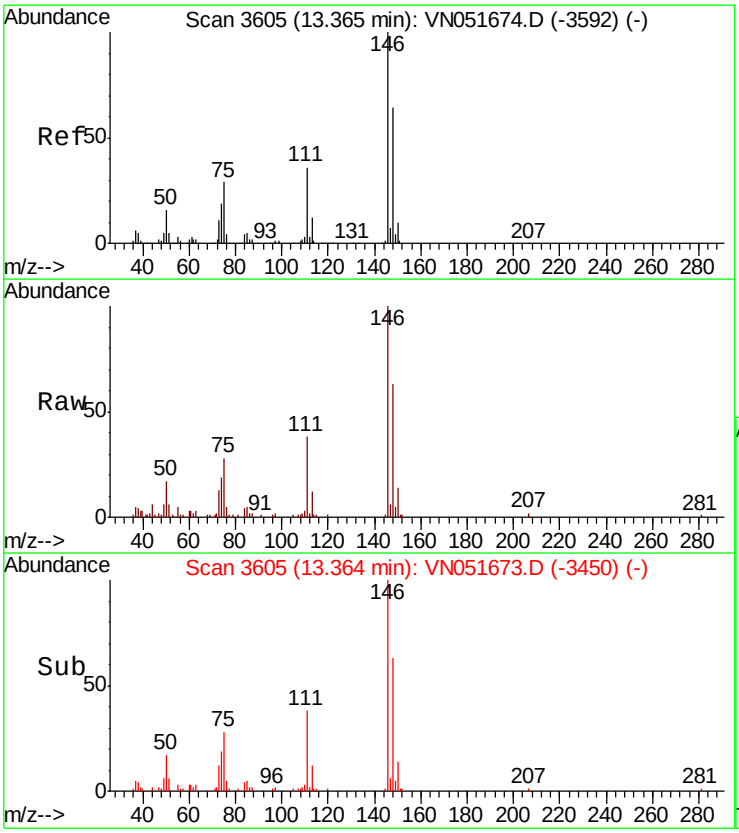
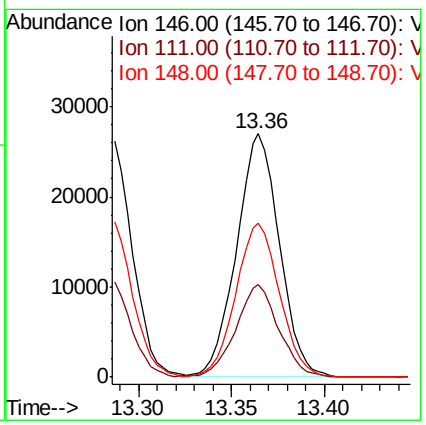
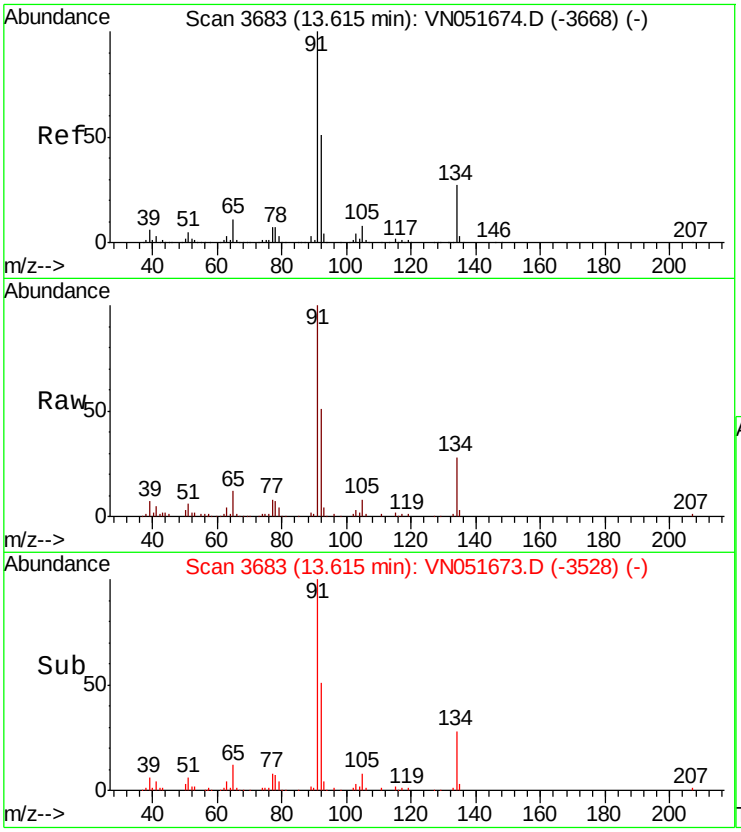


#84
1,4-Dichlorobenzene
Concen: 3.459 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:146 Resp: 43382

Ion	Ratio	Lower	Upper
146	100		
111	37.8	17.4	52.2
148	64.3	32.8	98.3

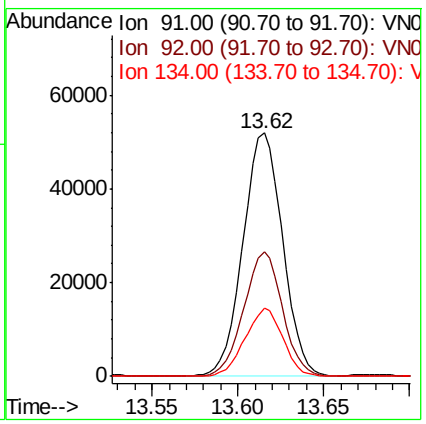




#85
n-Butylbenzene
Concen: 3.962 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 91 Resp: 83375

Ion	Ratio	Lower	Upper
91	100		
92	49.7	0.0	97.4
134	26.6	0.0	49.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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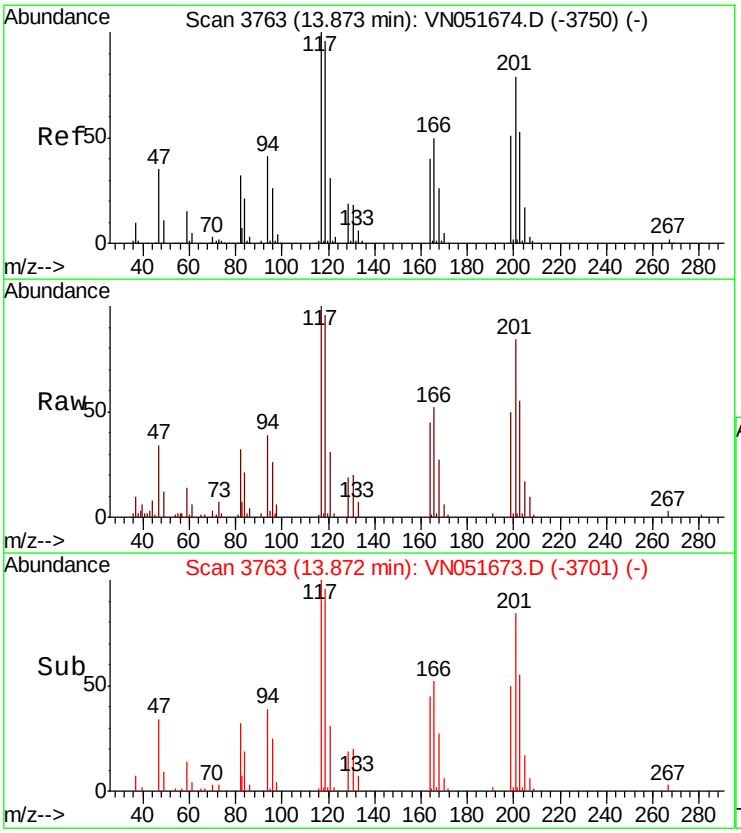
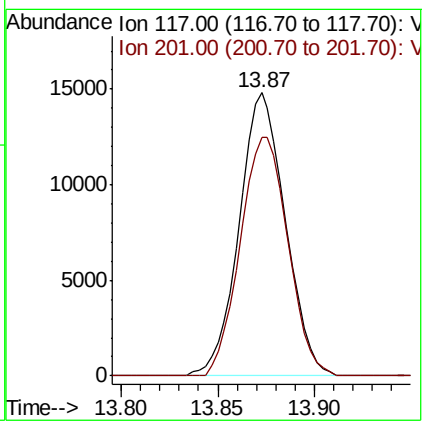
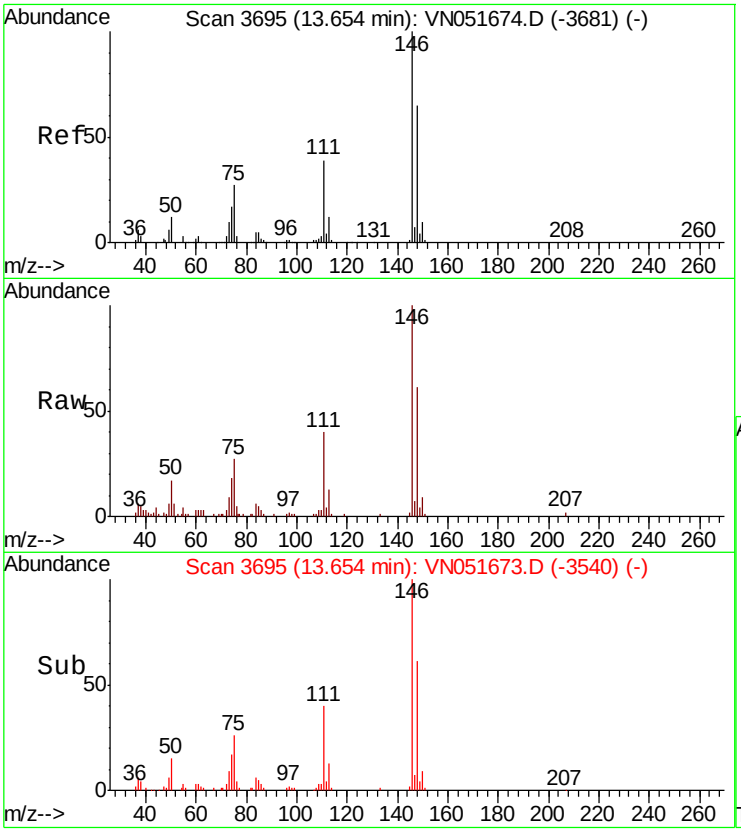


#86
Hexachloroethane
Concen: 4.776 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:117 Resp: 24630

Ion	Ratio	Lower	Upper
117	100		
201	87.0	47.8	143.3

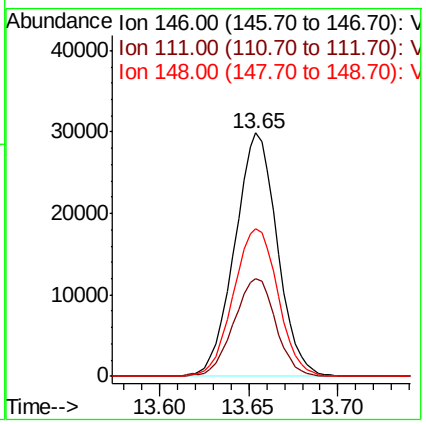




#87
1,2-Dichlorobenzene
Concen: 3.886 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:146 Resp: 49599

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	63.4	33.2	99.6



Instrument :
MSVOA_N
ClientSampleId :
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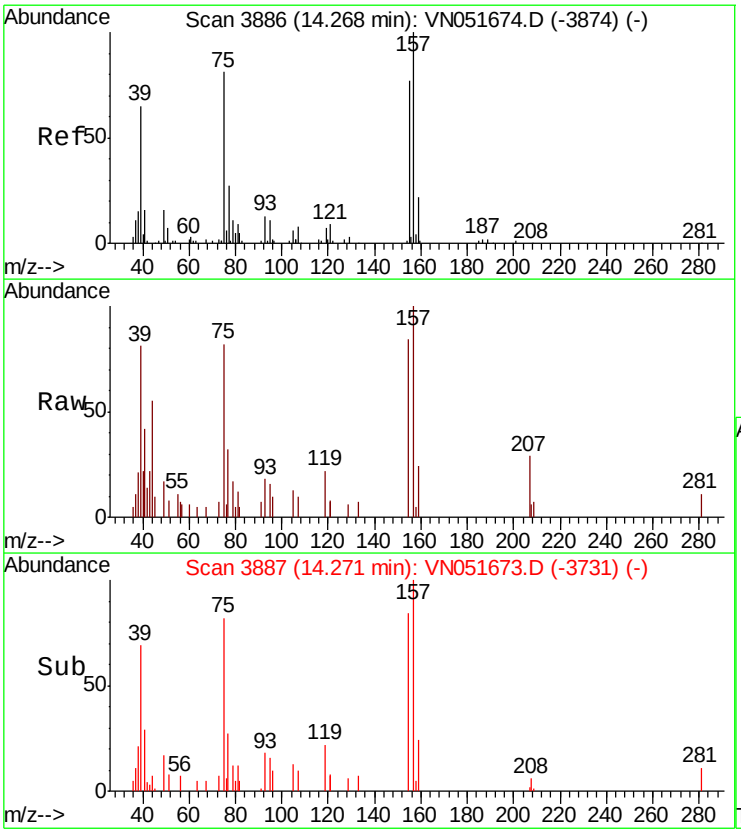
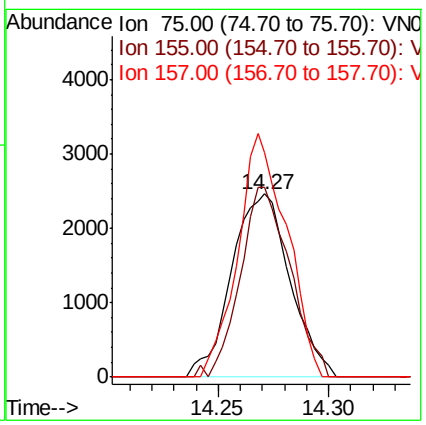
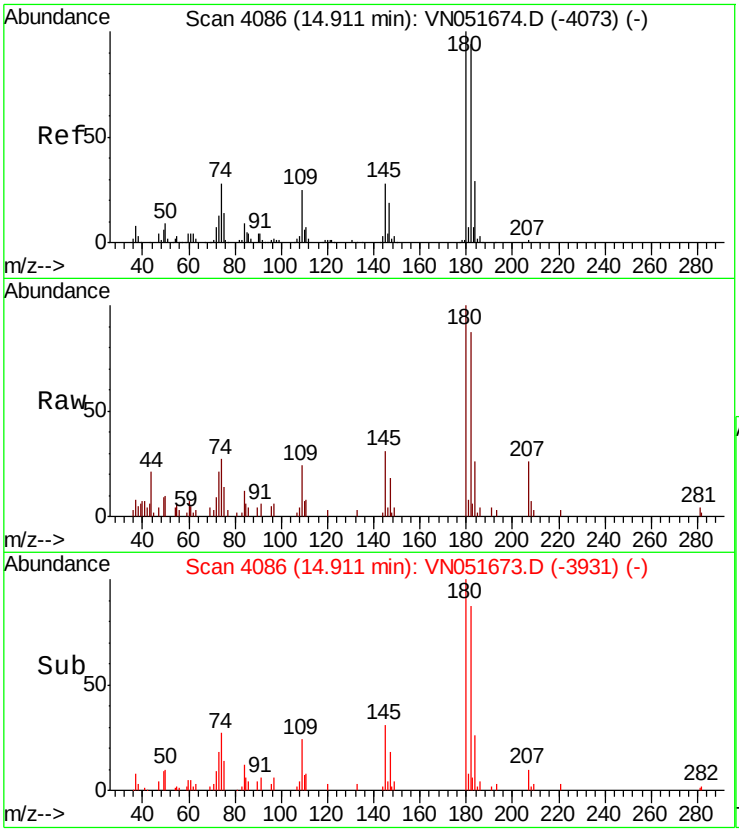


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.382 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion: 75 Resp: 4536

Ion	Ratio	Lower	Upper
75	100		
155	87.7	57.0	85.6#
157	110.7	87.4	131.0

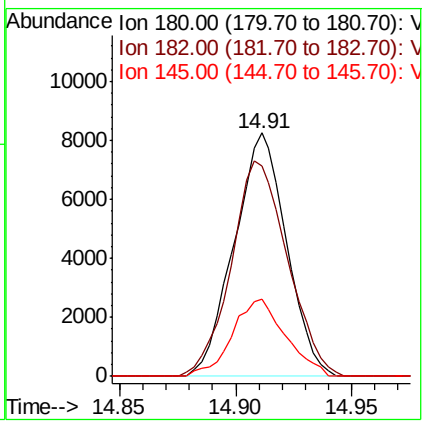




#89
1,2,4-Trichlorobenzene
Concen: 2.093 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:180 Resp: 12918

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.7	116.5
145	32.1	23.4	35.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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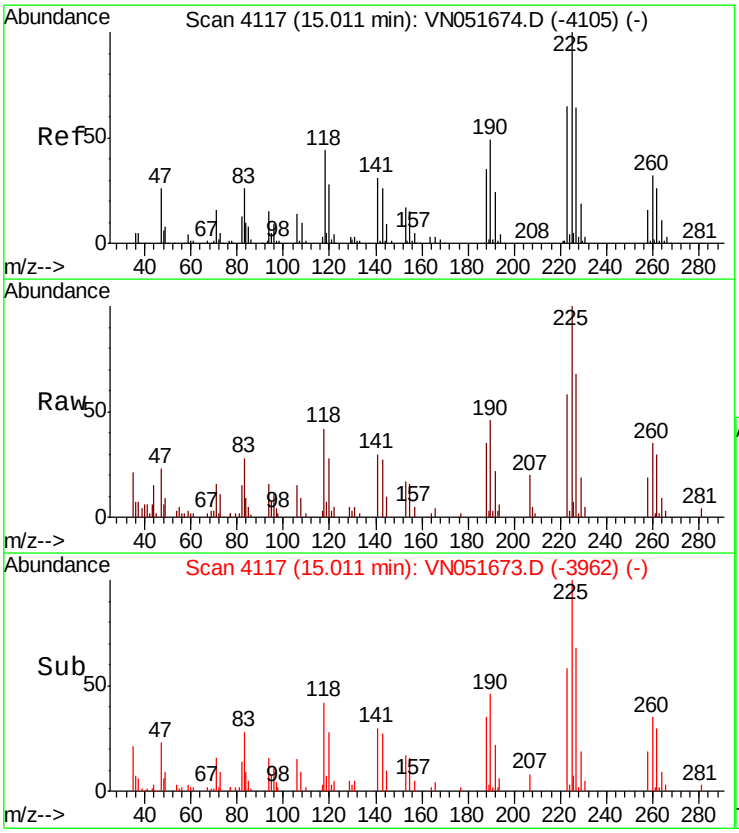
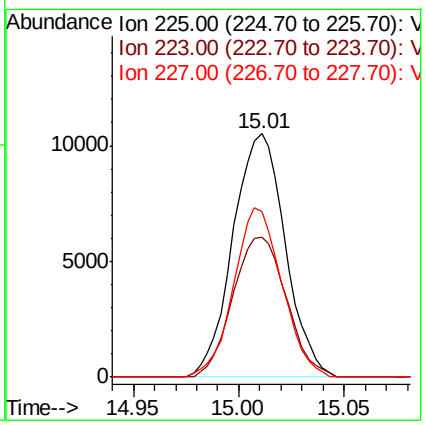
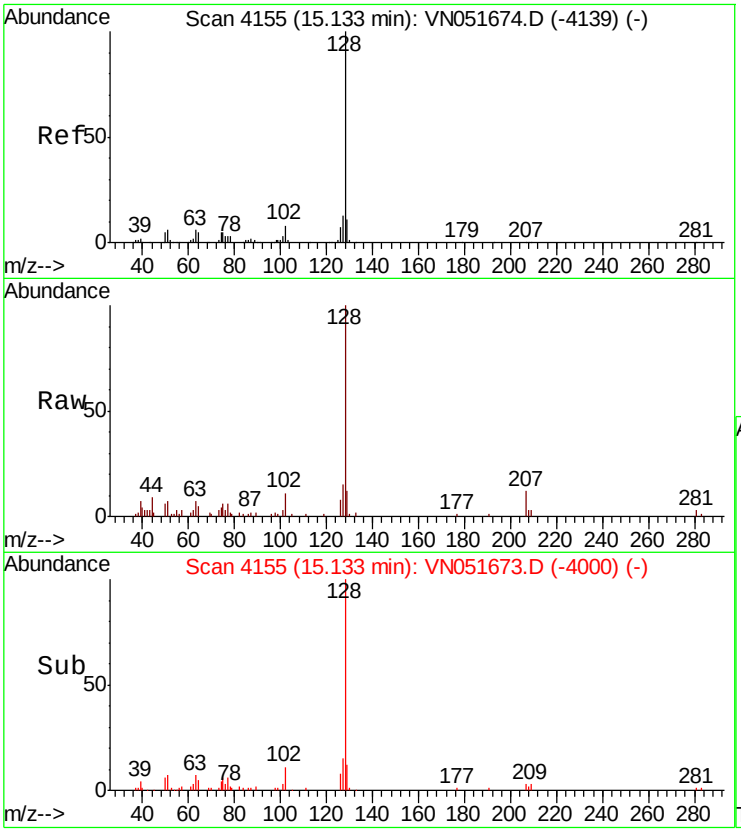


#90
Hexachlorobutadiene
Concen: 3.736 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:225 Resp: 18128

Ion	Ratio	Lower	Upper
225	100		
223	59.0	0.0	117.0
227	64.2	0.0	127.0

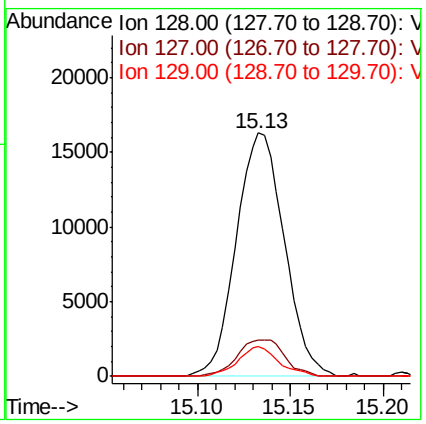




#91
Naphthalene
Concen: 2.581 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

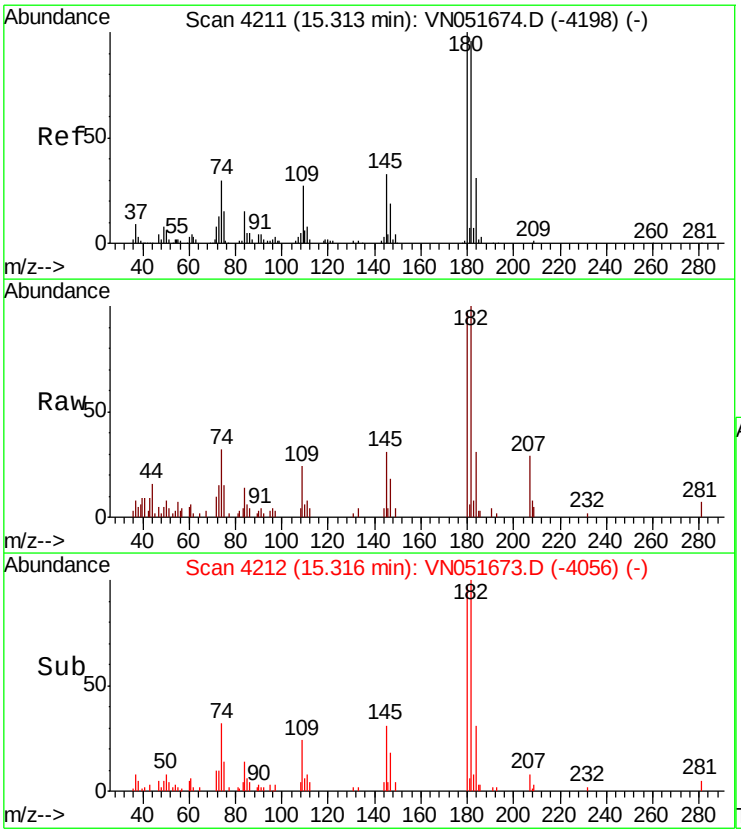
Tgt Ion:128 Resp: 29258

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.1	15.1
129	10.5	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
10/8/2018 3:58:45 PM



#92
1,2,3-Trichlorobenzene
Concen: 2.383 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051673.D
Acq: 5 Oct 2018 8:04

Tgt Ion:180 Resp: 14828

Ion	Ratio	Lower	Upper
180	100		
182	97.3	0.0	198.0
145	30.4	0.0	36.8