Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051674.D
Acq On : 5 Oct 2018 9:36
Operator : MD\SY
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VSTDICCC020

Manual Integrations APPROVED
MMDadoda
10/8/2018 3:58:46 PM

Quant Time: Oct 05 10:48:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	108362	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	632105	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	555847	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	227779	30.72	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.40%				
60) 4-Bromofluorobenzene	12.40	95	235403	28.05	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.50%				
63) Toluene-d8	10.09	98	754202	28.32	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 94.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	155913	29.600	ug/l		98
3) Chloromethane	2.06	50	140392	15.321	ug/l		99
4) Vinyl Chloride	2.19	62	200222	20.316	ug/l		99
5) Bromomethane	2.57	94	146447	22.857	ug/l		89
6) Chloroethane	2.70	64	134586	22.034	ug/l		99
7) Trichlorofluoromethane	3.01	101	218251	16.931	ug/l		95
8) Diethyl Ether	3.41	74	62402	16.323	ug/l		82
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121850	18.710	ug/l	#	39
10) 1,1-Dichloroethene	3.73	96	109526	18.404	ug/l		92
11) Methyl Iodide	3.95	142	122972	13.838	ug/l		94
12) Methyl Acetate	4.33	43	81909	15.769	ug/l		96
13) Acrolein	3.61	56	29139	41.121	ug/l		93
14) Acrylonitrile	4.99	53	161474	75.902	ug/l	#	60
15) Acetone	3.82	58	40464	77.998	ug/l		76
16) Carbon Disulfide	4.05	76	310077	16.522	ug/l		99
17) Allyl chloride	4.32	41	158076	15.145	ug/l		79
18) Methylene Chloride	4.55	84	118937	16.698	ug/l		96
19) trans-1,2-Dichloroethene	5.04	96	118407	18.275	ug/l		87
20) Diisopropyl ether	5.95	45	335874	15.814	ug/l	#	93
21) 1,1-Dichloroethane	5.85	63	212224	16.756	ug/l		95
22) cis-1,2-Dichloroethene	6.83	96	136499	18.761	ug/l		90
23) tert-Butyl Alcohol	4.79	59	45168	113.511	ug/l	#	100
24) Methyl tert-Butyl Ether	5.04	73	337650	20.804	ug/l	#	58
25) Chloroform	7.37	83	235840	18.611	ug/l		99
26) Cyclohexane	7.65	56	180996	16.816	ug/l	#	82
29) 1,1-Dichloropropene	7.79	75	166959	15.913	ug/l		95
30) 2-Butanone	6.84	43	203858	76.421	ug/l		95
31) 2,2-Dichloropropane	6.82	77	219170	19.595	ug/l	#	82
32) 1,1,1-Trichloroethane	7.57	97	223292	18.636	ug/l		97
33) Carbon Tetrachloride	7.77	117	204724	18.719	ug/l		91
34) Benzene	8.04	78	491418	15.732	ug/l	#	72
35) Methacrylonitrile	7.18	41	42397	12.585	ug/l		83
36) 1,2-Dichloroethane	8.12	62	164880	16.379	ug/l		98
37) Trichloroethene	8.83	130	142399	17.276	ug/l		96
38) Methylcyclohexane	9.08	83	212960	17.725	ug/l		84
39) 1,2-Dichloropropane	9.12	63	125340	14.752	ug/l		96
40) Dibromomethane	9.21	93	82279	17.016	ug/l		97

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Quant Time: Oct 05 10:48:23 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

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	9.40	83	185776	17.519 ug/l		92
42) Vinyl Acetate	5.90	43	1182128	78.852 ug/l	#	95
43) Ethyl Acetate	6.93	43	87770	15.629 ug/l		98
44) Isopropyl Acetate	8.17	43	190406	17.699 ug/l		96
45) 1,4-Dioxane	9.20	88	21797m	331.328 ug/l		
46) Methyl methacrylate	9.20	41	82414	15.431 ug/l		85
47) n-amyl Acetate	12.07	43	145919m	17.072 ug/l		
48) t-1,3-Dichloropropene	10.38	75	182897	17.523 ug/l		99
49) cis-1,3-Dichloropropene	9.84	75	200401	16.437 ug/l		94
50) 1,1,2-Trichloroethane	10.56	97	111269	16.142 ug/l		93
51) Ethyl methacrylate	10.43	69	144158	17.860 ug/l		87
52) 1,3-Dichloropropane	10.71	76	183365	15.757 ug/l		98
53) Dibromochloromethane	10.90	129	143005	18.035 ug/l		97
54) 1,2-Dibromoethane	11.01	107	116657	17.621 ug/l		97
55) 2-Chloroethyl vinyl ether	9.70	63	302129	75.052 ug/l		96
56) Bromoform	12.13	173	95974	18.062 ug/l	#	91
58) 4-Methyl-2-Pentanone	9.99	43	459327	79.939 ug/l	#	94
59) 2-Hexanone	10.75	43	308187	82.379 ug/l		97
61) Tetrachloroethene	10.63	164	131154	17.211 ug/l		97
62) Toluene	10.16	91	554962	16.540 ug/l		99
64) Chlorobenzene	11.43	112	348826	16.988 ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.51	131	139800	17.584 ug/l		99
66) Ethyl Benzene	11.51	91	609233	17.669 ug/l		99
67) m/p-Xylenes	11.62	106	480559	35.848 ug/l		99
68) o-Xylene	11.95	106	238694	18.736 ug/l		91
69) Styrene	11.96	104	365564	18.119 ug/l		98
70) Isopropylbenzene	12.25	105	621528	18.200 ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.50	83	132379	16.717 ug/l		96
72) 1,2,3-Trichloropropane	12.55	75	109508m	15.967 ug/l		
73) Bromobenzene	12.53	156	145431	17.058 ug/l		90
74) n-propylbenzene	12.59	91	687517	17.387 ug/l		96
75) 2-Chlorotoluene	12.67	91	400388	17.122 ug/l		95
76) 1,3,5-Trimethylbenzene	12.73	105	528757	18.719 ug/l		99
77) t-1,4-Dichloro-2-butene	12.30	75	37203	17.401 ug/l		99
78) 4-Chlorotoluene	12.77	91	392804	16.912 ug/l		95
79) tert-butylbenzene	12.99	119	470875	19.246 ug/l		97
80) 1,2,4-Trimethylbenzene	13.04	105	520657	18.275 ug/l		98
81) sec-Butylbenzene	13.17	105	638427	18.937 ug/l		99
82) p-Isopropyltoluene	13.29	119	551979	18.949 ug/l		98
83) 1,3-Dichlorobenzene	13.28	146	254346	17.009 ug/l		96
84) 1,4-Dichlorobenzene	13.36	146	239362	17.017 ug/l		98
85) n-Butylbenzene	13.62	91	434307	18.401 ug/l		96
86) Hexachloroethane	13.87	117	109862	18.994 ug/l		85
87) 1,2-Dichlorobenzene	13.65	146	250323	17.489 ug/l		98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	21025	18.109 ug/l	#	79
89) 1,2,4-Trichlorobenzene	14.91	180	104379	15.080 ug/l		98
90) Hexachlorobutadiene	15.01	225	81540	14.984 ug/l		95
91) Naphthalene	15.13	128	221963	17.457 ug/l		99
92) 1,2,3-Trichlorobenzene	15.31	180	107755	15.440 ug/l		93

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Instrument :
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ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
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Quant Time: Oct 05 10:48:23 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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Instrument :
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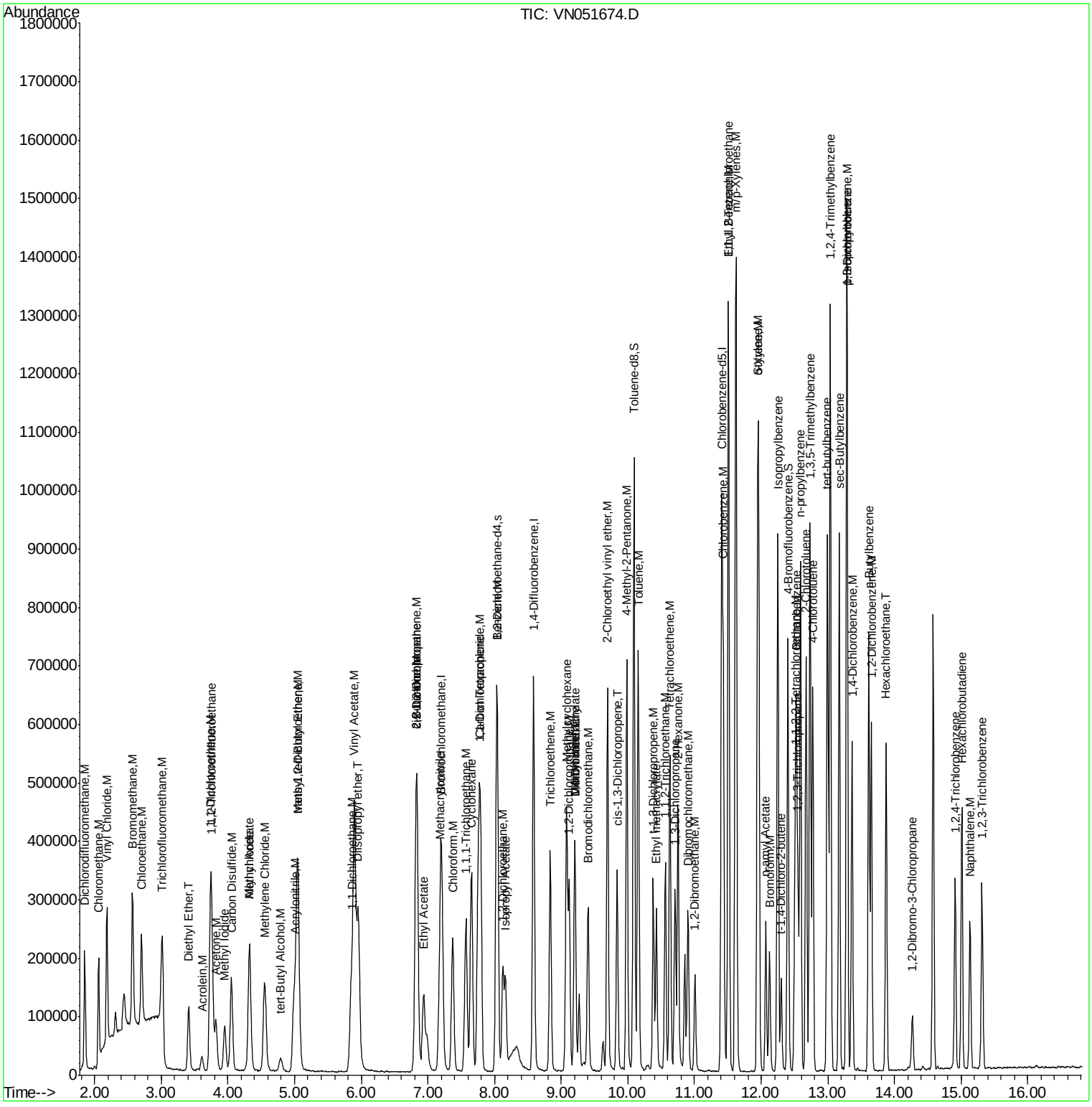
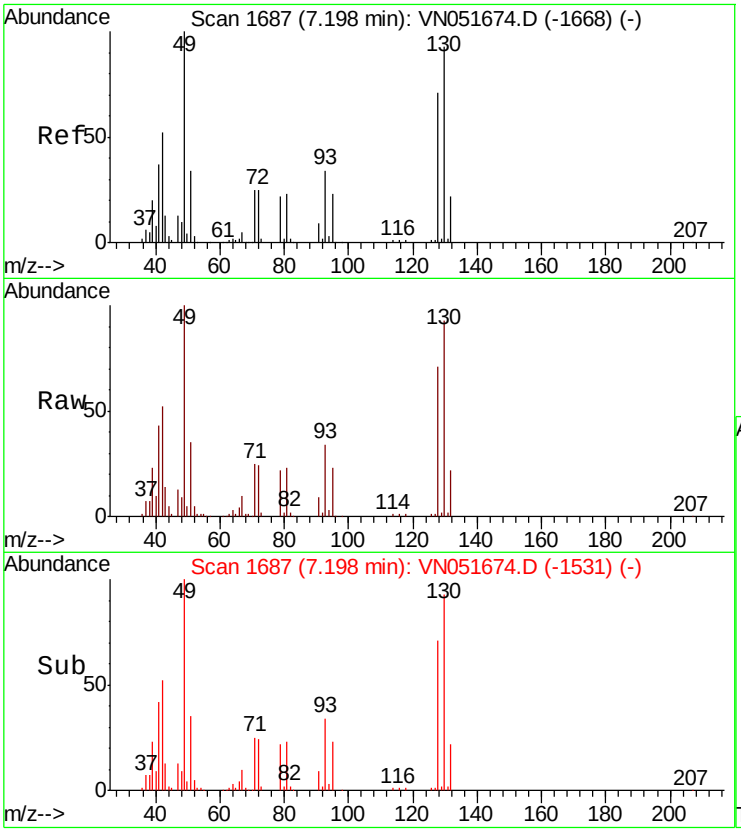
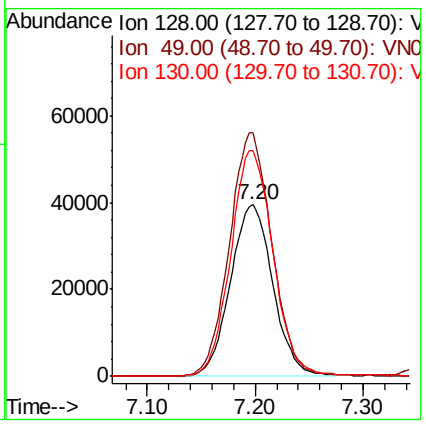




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:128 Resp: 108362

Ion	Ratio	Lower	Upper
128	100		
49	142.0	0.0	403.3
130	131.7	0.0	326.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
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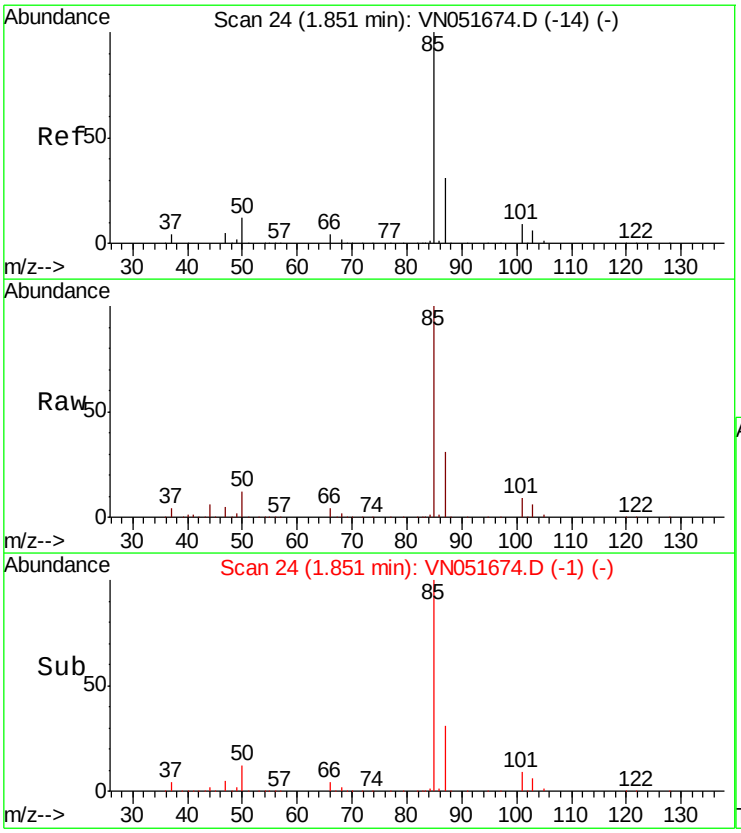
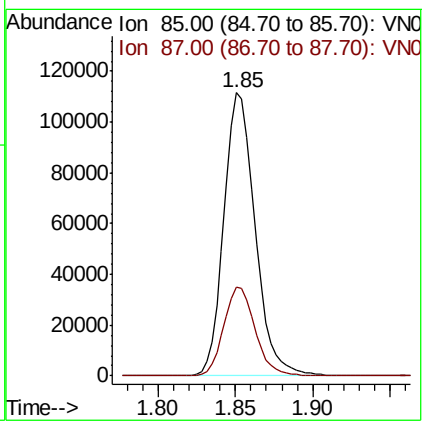
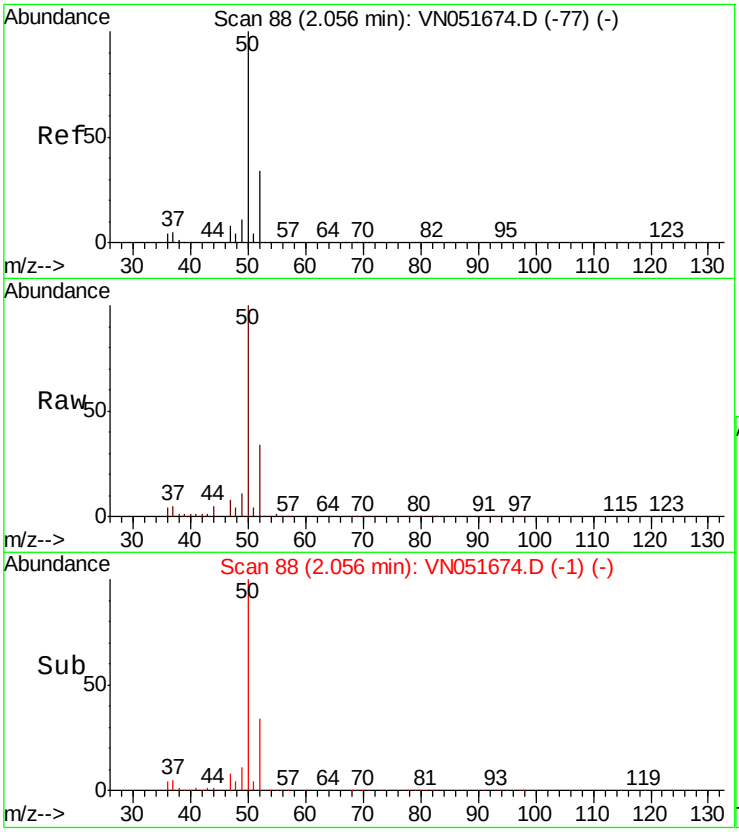


#2
Dichlorodifluoromethane
Concen: 29.600 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 85 Resp: 155913

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.3	48.8

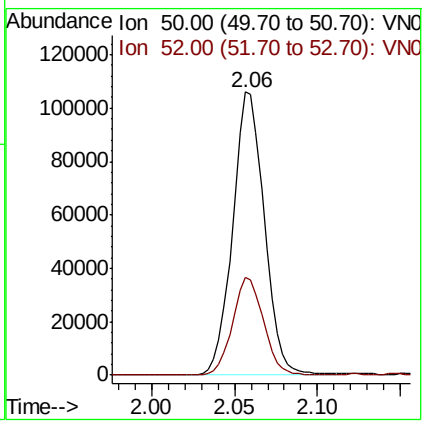




#3
Chloromethane
Concen: 15.321 ug/l
RT: 2.06 min Scan# 88
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 50 Resp: 140392

Ion	Ratio	Lower	Upper
50	100		
52	34.4	27.2	40.8



Instrument :
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ClientSampleId :
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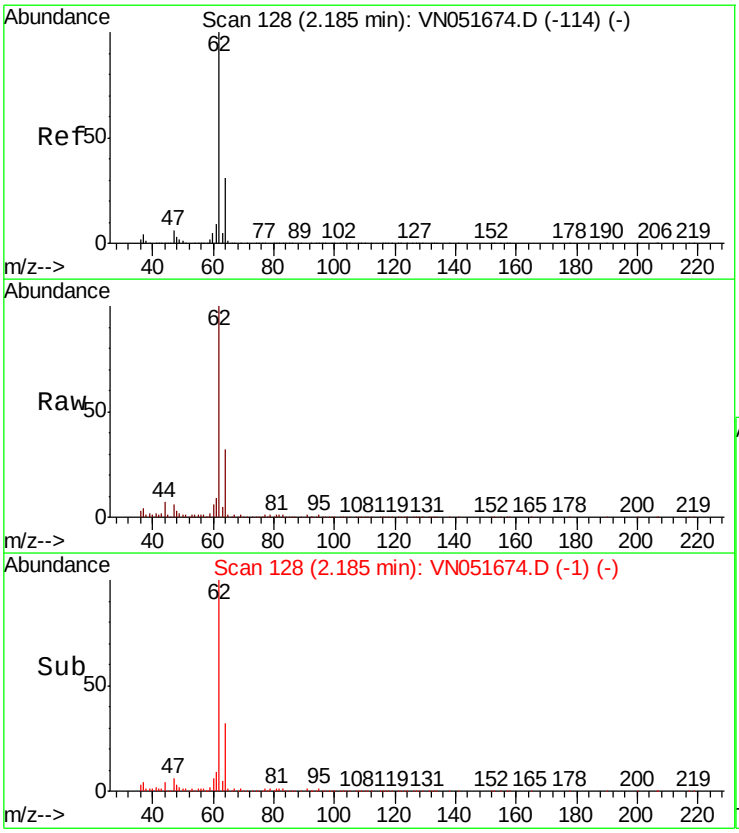
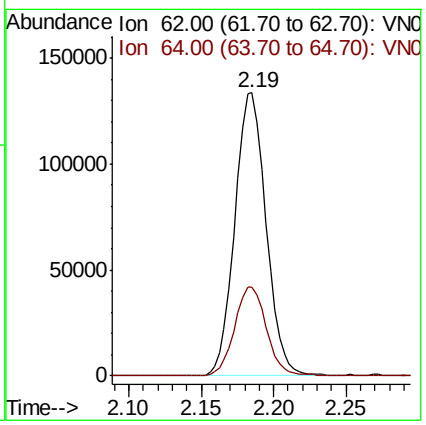
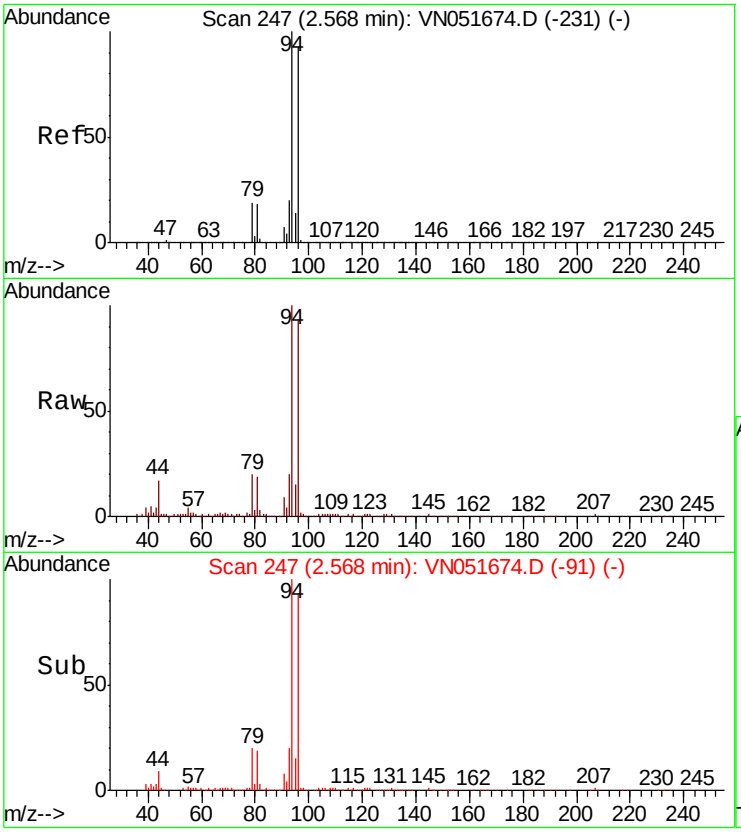


#4
Vinyl Chloride
Concen: 20.316 ug/l
RT: 2.19 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 62 Resp: 200222

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.4	38.2

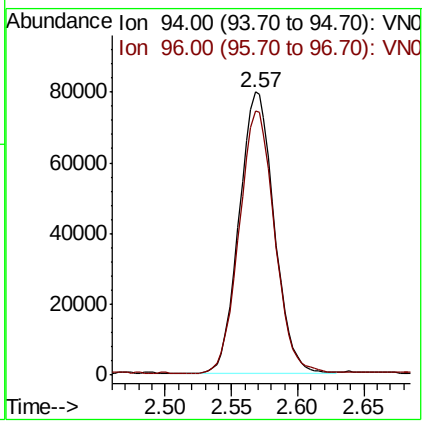




#5
Bromomethane
Concen: 22.857 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 94 Resp: 146447

Ion	Ratio	Lower	Upper
94	100		
96	93.3	66.4	99.6



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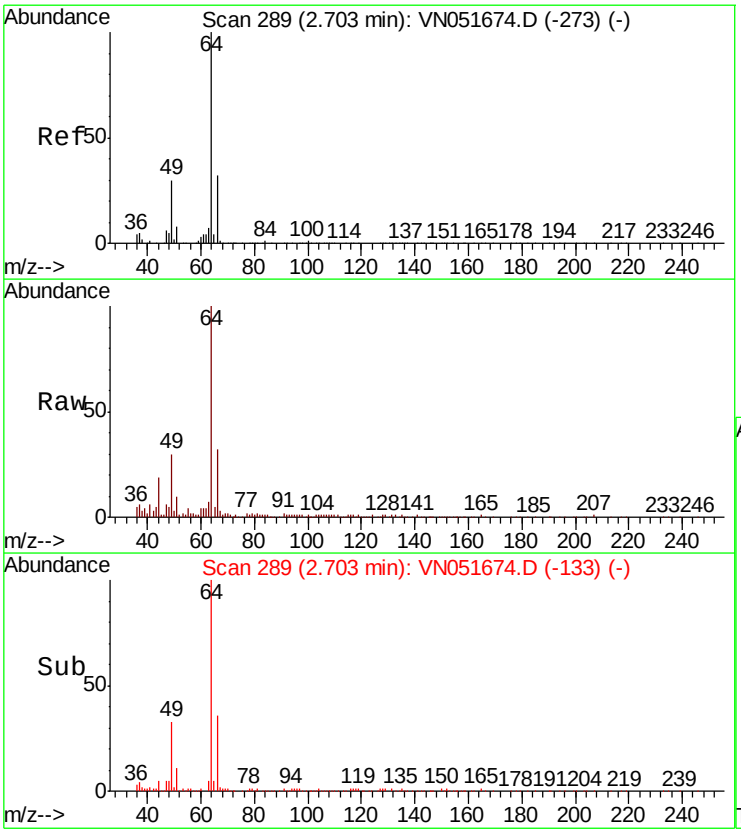
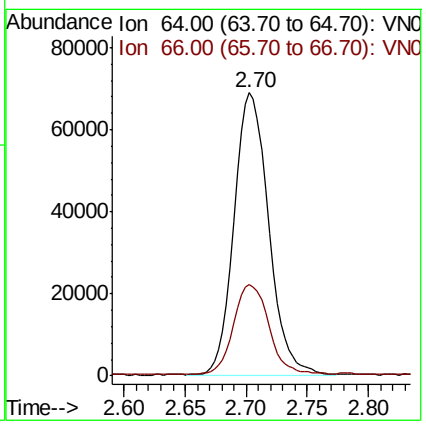
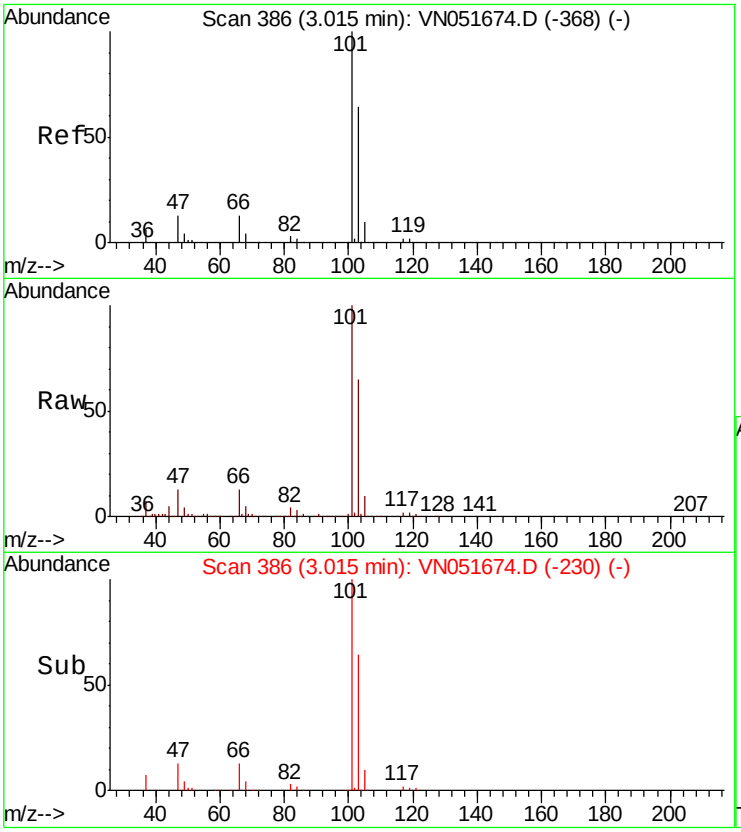


#6
Chloroethane
Concen: 22.034 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 64 Resp: 134586

Ion	Ratio	Lower	Upper
64	100		
66	31.7	25.8	38.6

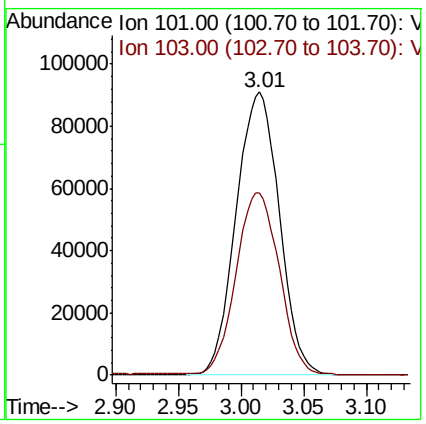




#7
Trichlorofluoromethane
Concen: 16.931 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:101 Resp: 218251

Ion	Ratio	Lower	Upper
101	100		
103	64.4	54.8	82.2



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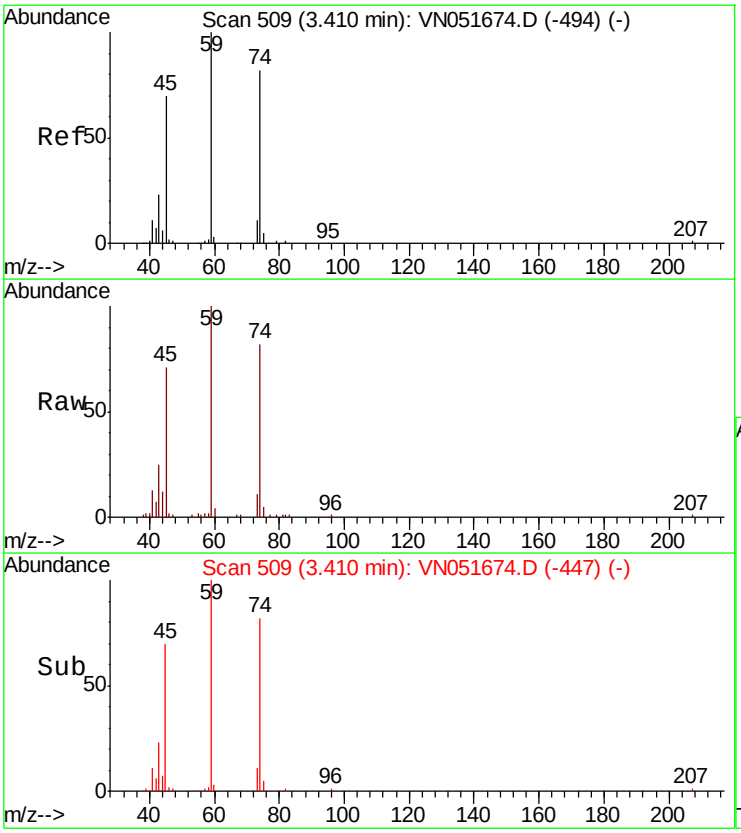
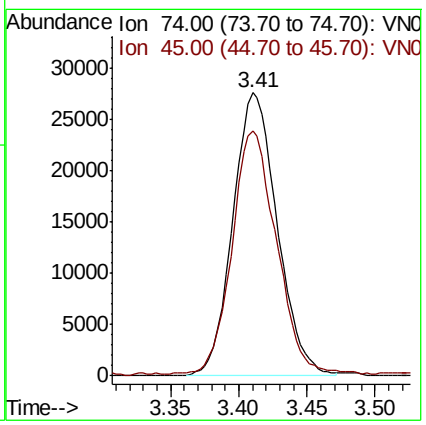
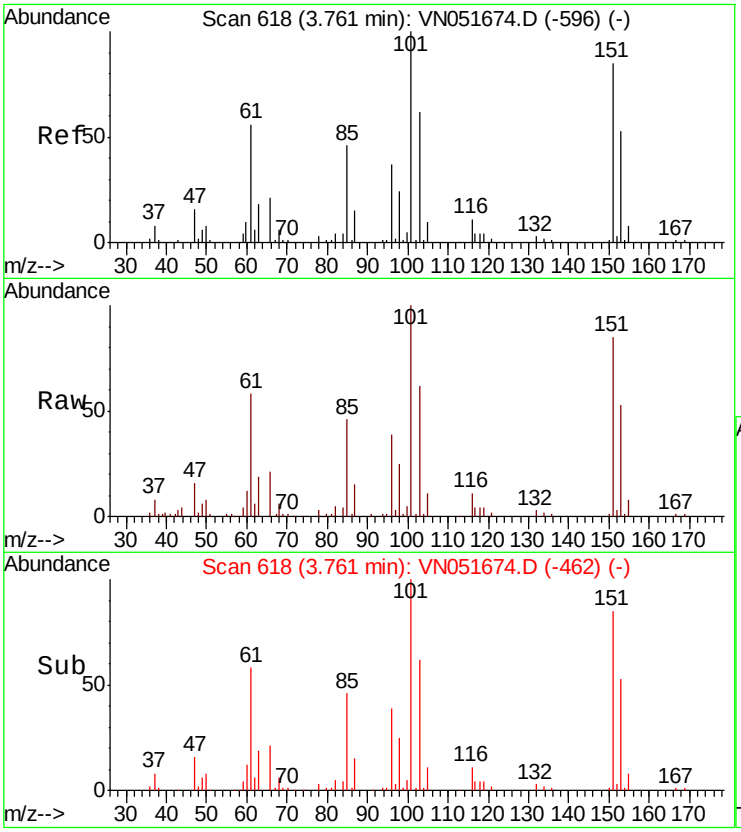


#8
Diethyl Ether
Concen: 16.323 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 74 Resp: 62402

Ion	Ratio	Lower	Upper
74	100		
45	84.9	20.7	186.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.710 ug/l
RT: 3.76 min Scan# 618
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:101 Resp: 121850

Ion	Ratio	Lower	Upper
101	100		
85	46.1	0.0	46.0#
151	84.1	0.0	82.2#

Instrument :
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Manual Integrations APPROVED
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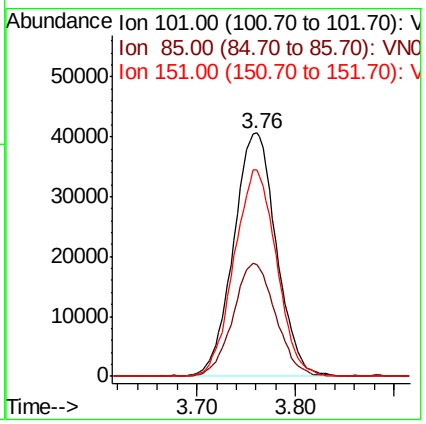
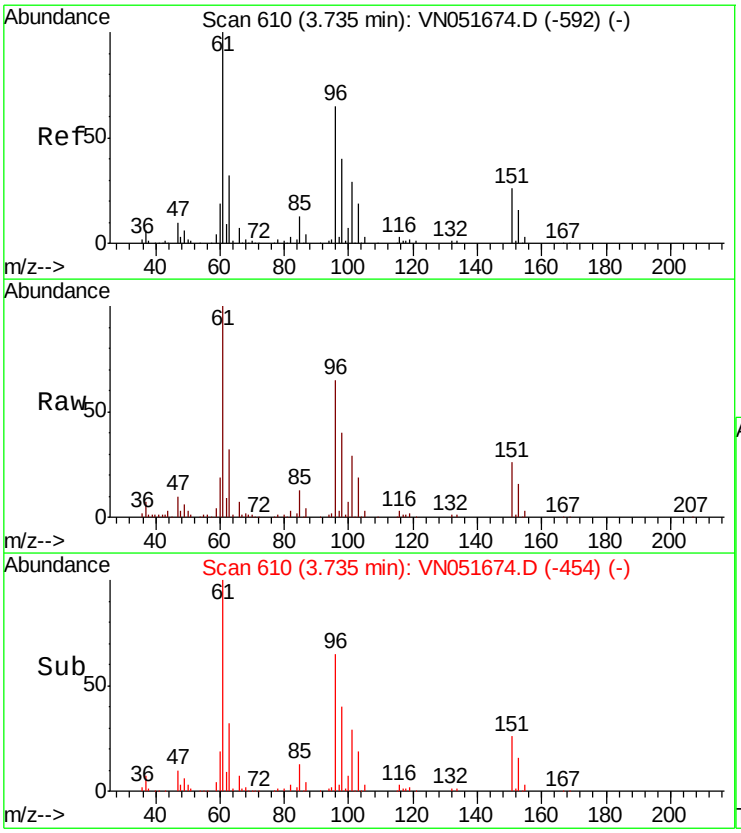
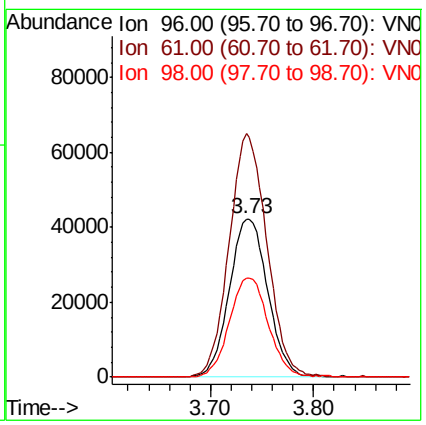


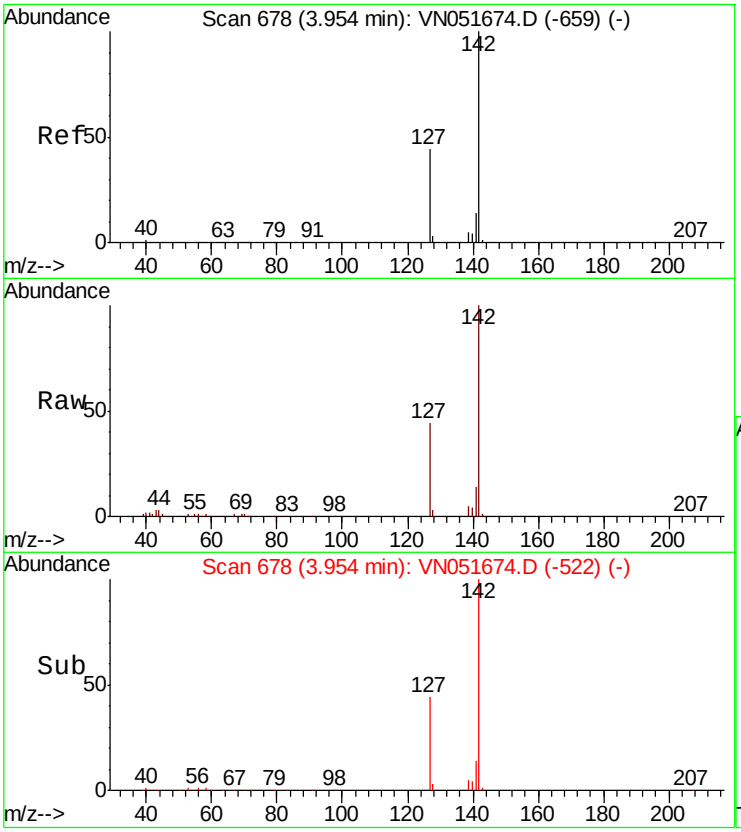


#10
1,1-Dichloroethene
Concen: 18.404 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 96 Resp: 109526

Ion	Ratio	Lower	Upper
96	100		
61	154.5	133.0	199.6
98	62.0	52.6	78.8

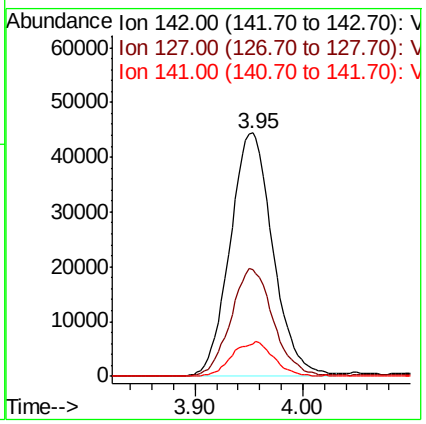




#11
Methyl Iodide
Concen: 13.838 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:142 Resp: 122972

Ion	Ratio	Lower	Upper
142	100		
127	43.8	19.7	59.0
141	13.6	6.3	18.9



Instrument :
MSVOA_N
ClientSampleId :
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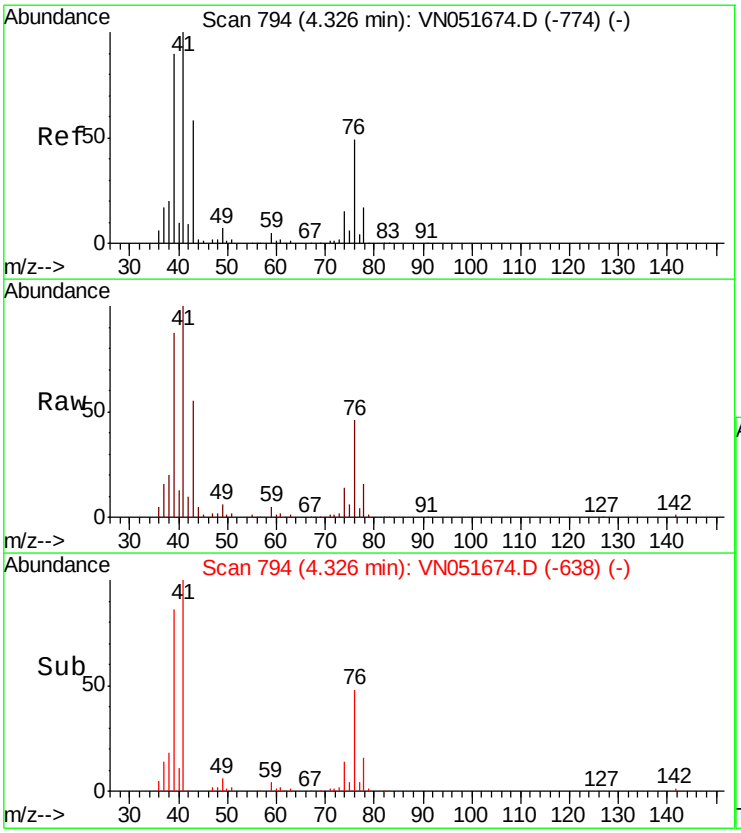
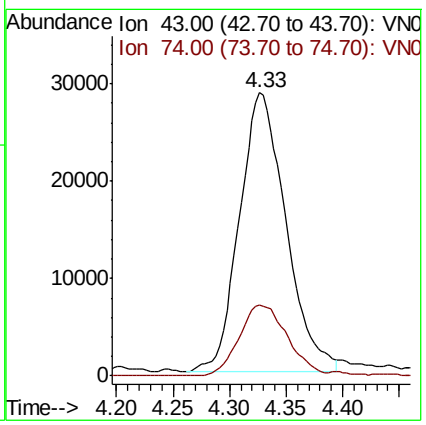
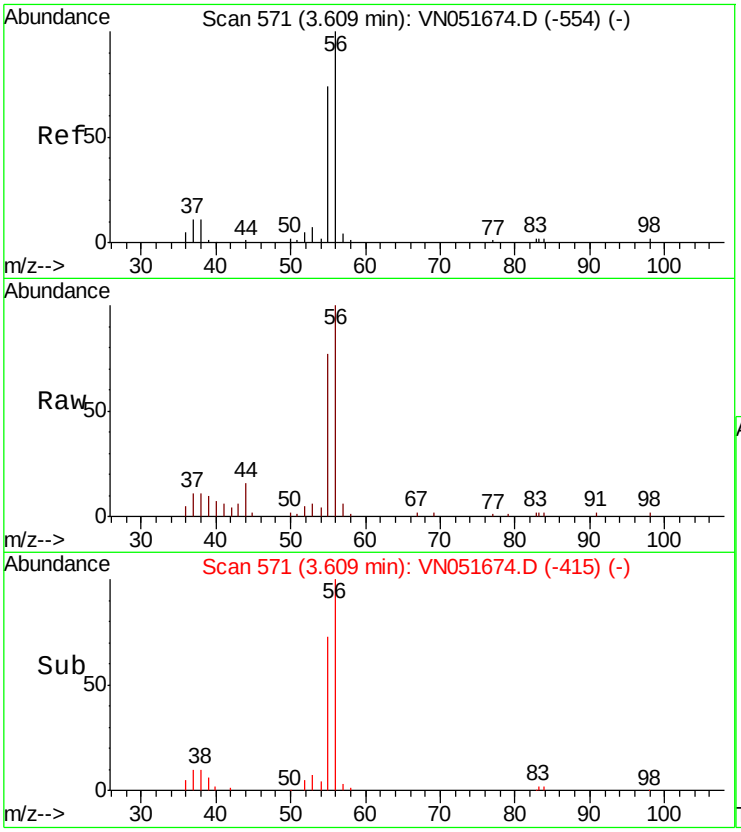


#12
Methyl Acetate
Concen: 15.769 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 81909

Ion	Ratio	Lower	Upper
43	100		
74	24.9	21.8	32.6

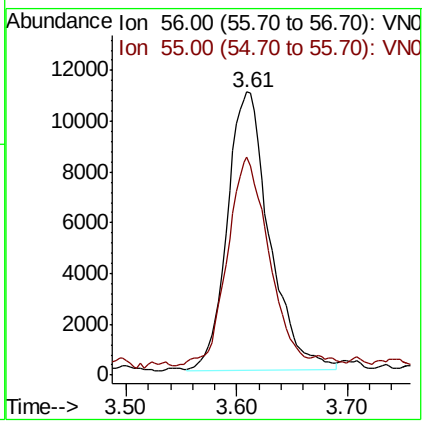




#13
Acrolein
Concen: 41.121 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 56 Resp: 29139

Ion	Ratio	Lower	Upper
56	100		
55	73.5	64.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
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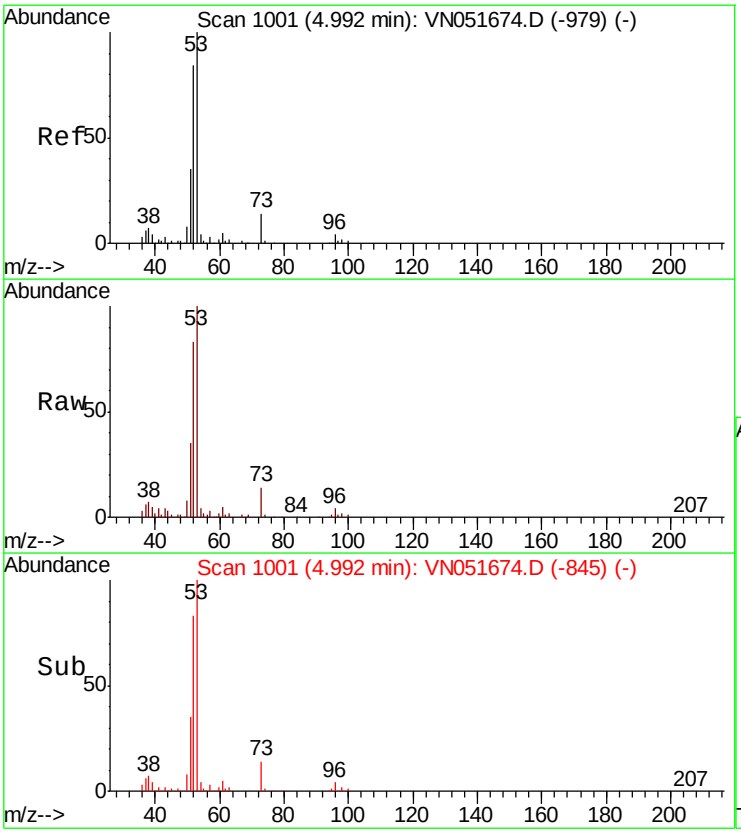
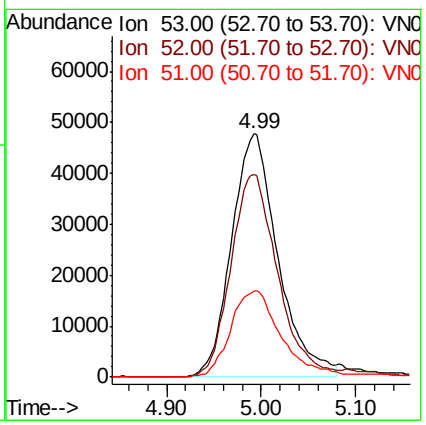
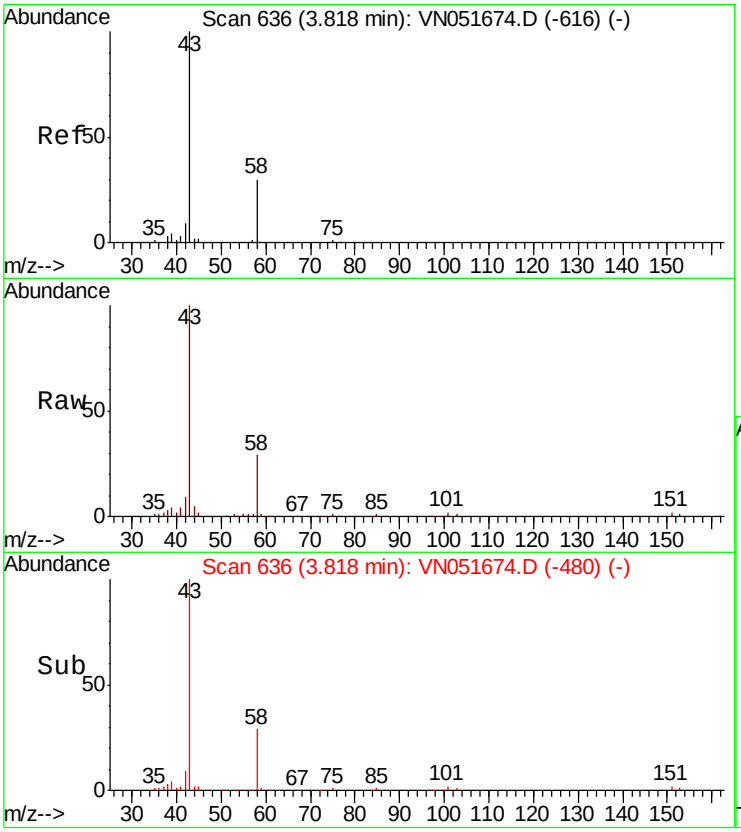


#14
Acrylonitrile
Concen: 75.902 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 53 Resp: 161474

Ion	Ratio	Lower	Upper
53	100		
52	84.6	18.3	54.8#
51	37.8	19.7	59.1

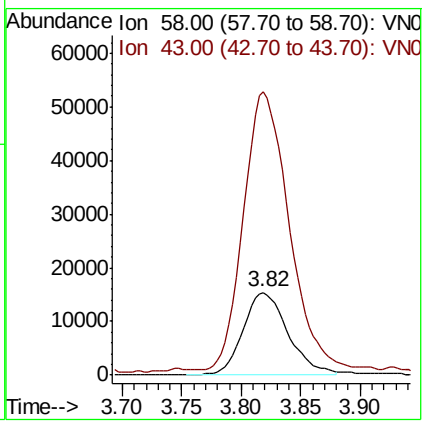




#15
Acetone
Concen: 77.998 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 58 Resp: 40464

Ion	Ratio	Lower	Upper
58	100		
43	336.0	232.2	348.2



Instrument :
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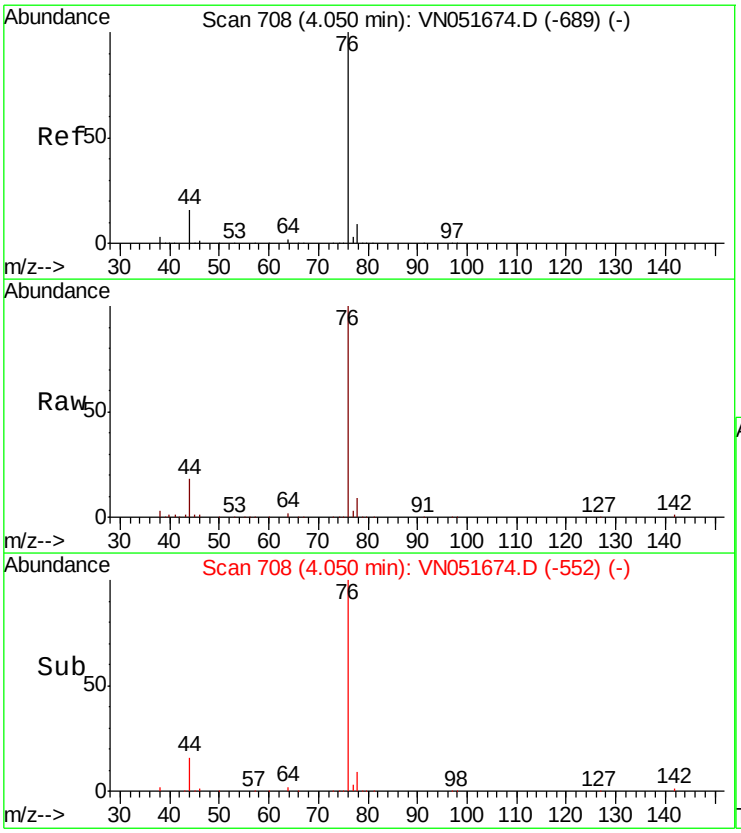
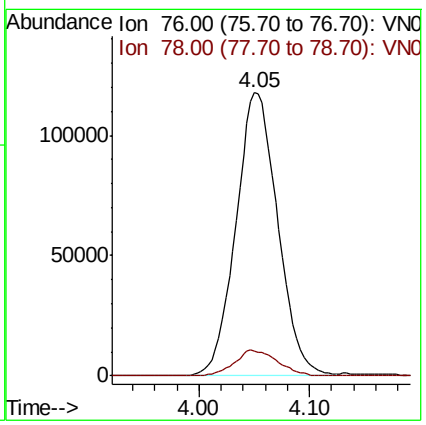
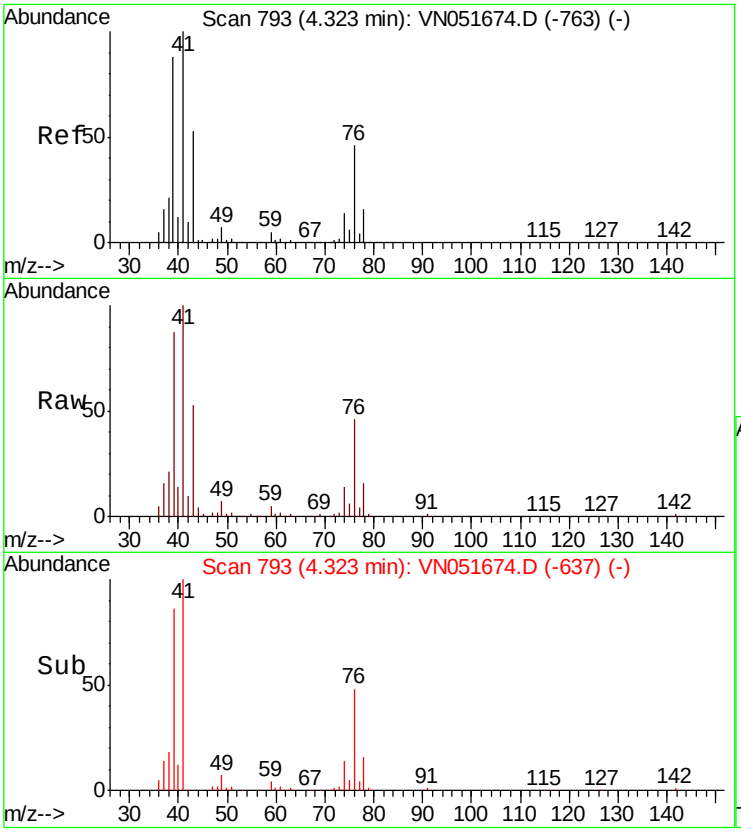


#16
Carbon Disulfide
Concen: 16.522 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 76 Resp: 310077

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.7	10.1

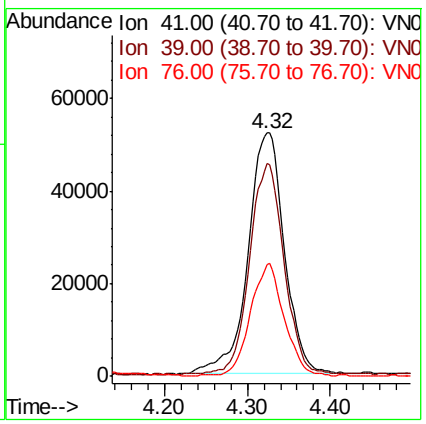




#17
Allvl chloride
Concen: 15.145 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 41 Resp: 158076

Ion	Ratio	Lower	Upper
41	100		
39	87.5	32.6	97.8
76	46.4	20.2	60.5



Instrument :
MSVOA_N
ClientSampleId :
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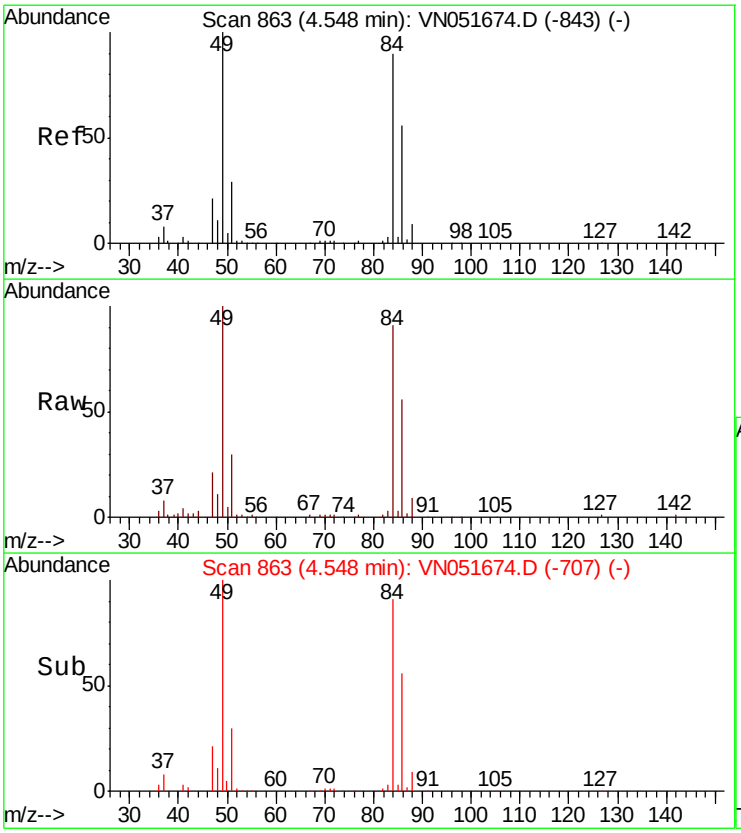
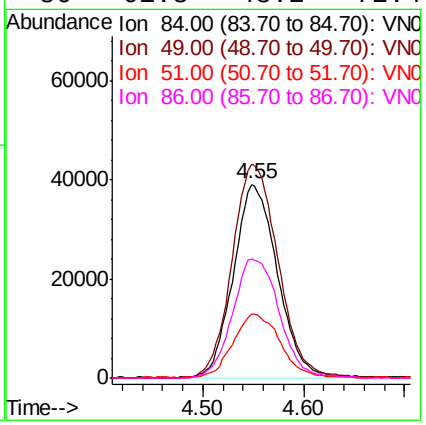
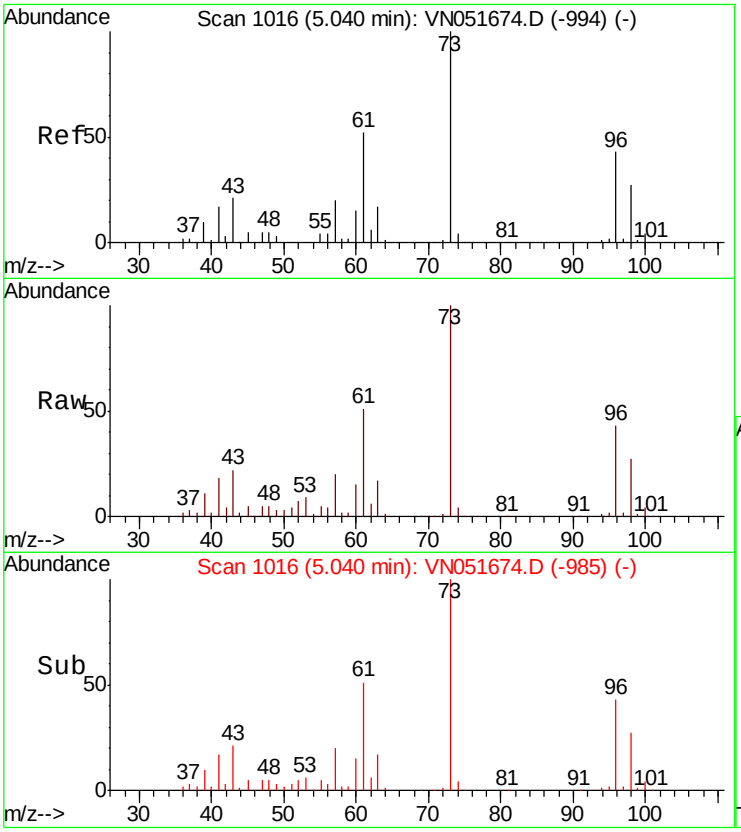


#18
Methylene Chloride
Concen: 16.698 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 84 Resp: 118937

Ion	Ratio	Lower	Upper
84	100		
49	110.8	91.6	137.4
51	32.4	29.8	44.6
86	61.8	48.2	72.4

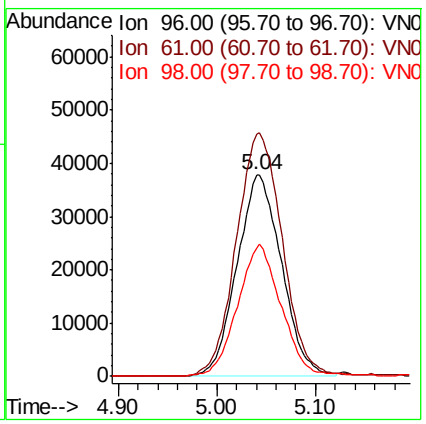




#19
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 96 Resp: 118407

Ion	Ratio	Lower	Upper
96	100		
61	120.4	112.3	168.5
98	63.5	47.1	70.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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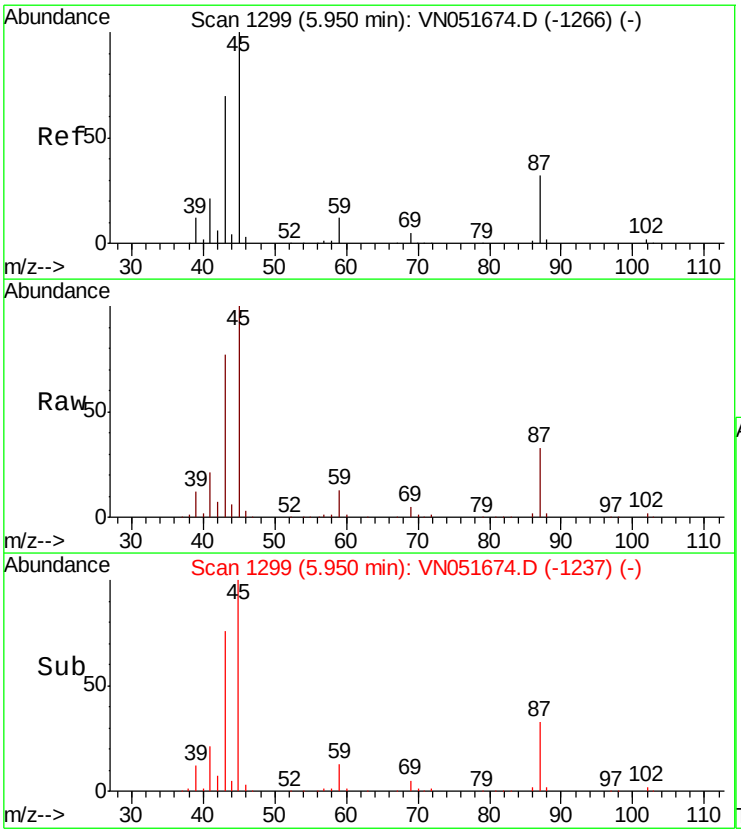
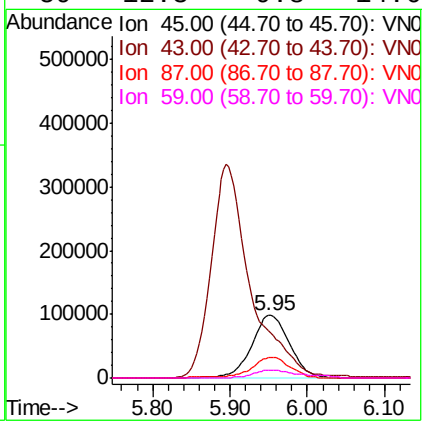
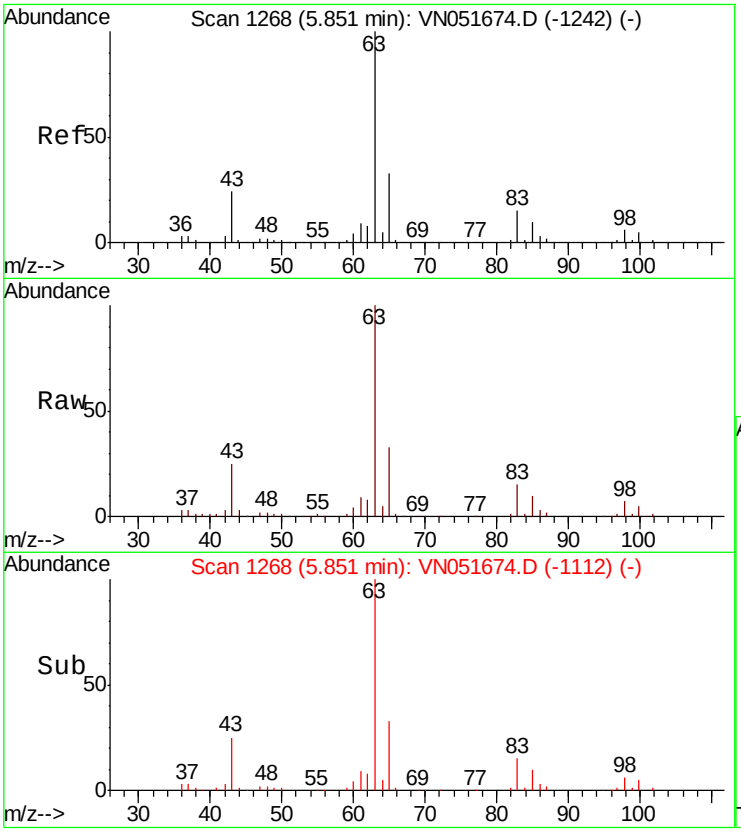


#20
Diisopropyl ether
Concen: 15.814 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 45 Resp: 335874

Ion	Ratio	Lower	Upper
45	100		
43	73.0	62.1	93.1
87	32.2	19.9	29.9#
59	12.3	9.8	14.6

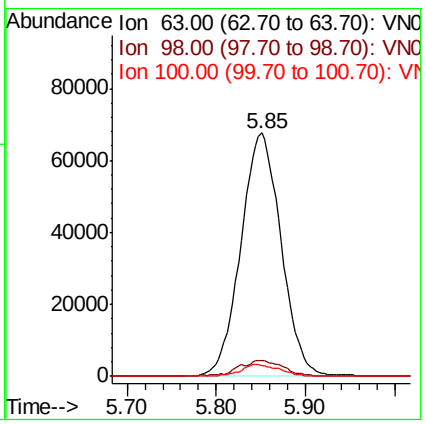




#21
1,1-Dichloroethane
Concen: 16.756 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 63 Resp: 212224

Ion	Ratio	Lower	Upper
63	100		
98	6.2	4.1	12.3
100	4.6	1.6	4.7



Instrument :
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ClientSampleId :
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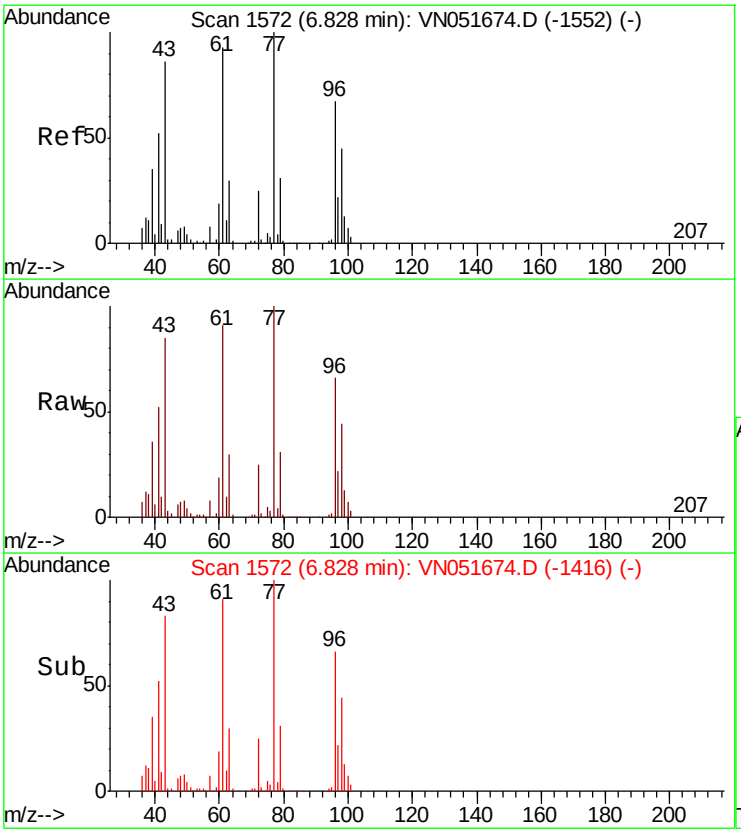
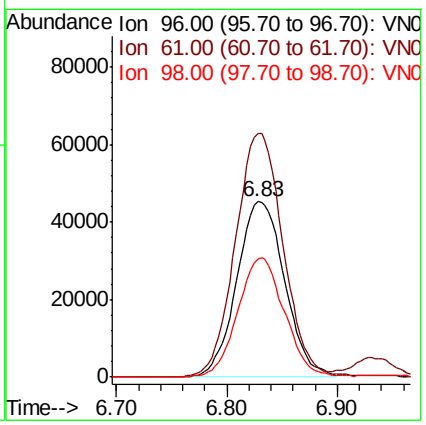
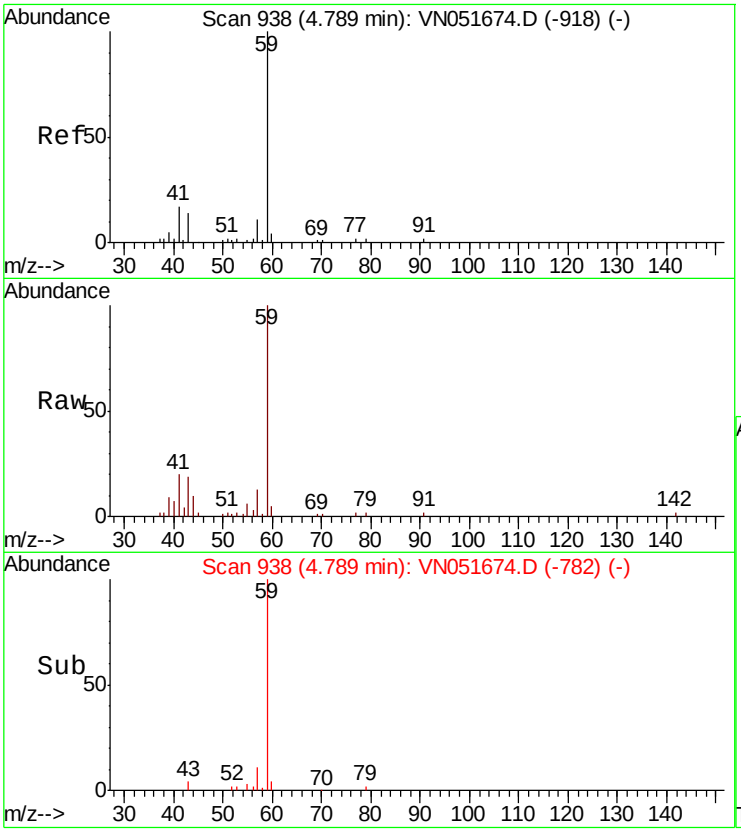


#22
cis-1,2-Dichloroethene
Concen: 18.761 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 96 Resp: 136499

Ion	Ratio	Lower	Upper
96	100		
61	137.6	124.5	186.7
98	65.1	51.9	77.9





#23
tert-Butyl Alcohol
Concen: 113.511 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 59 Resp: 45168

Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
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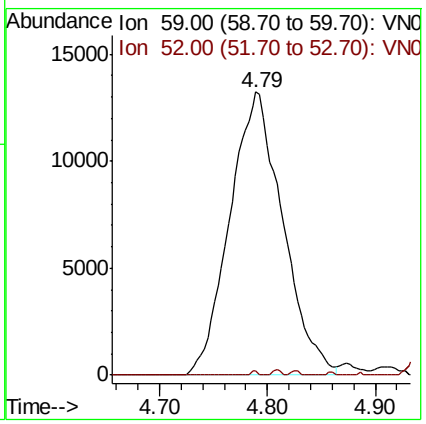
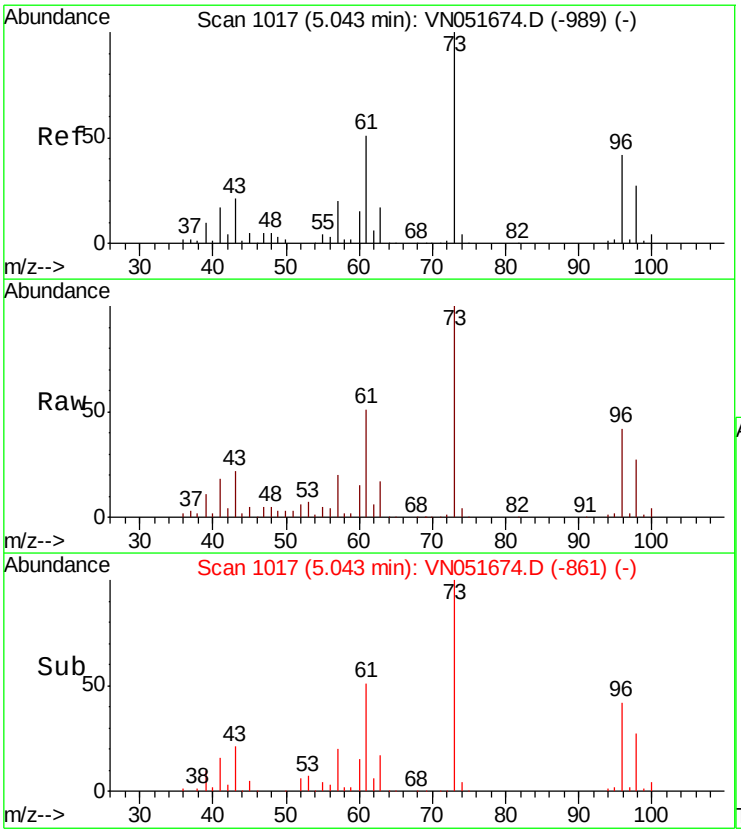
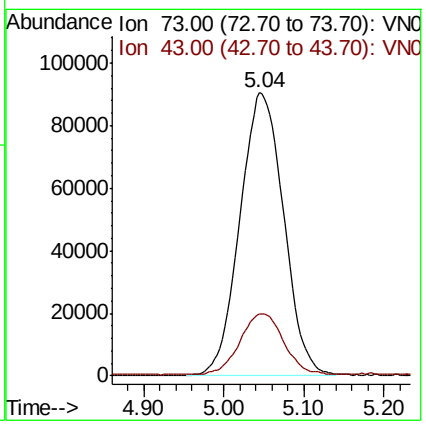


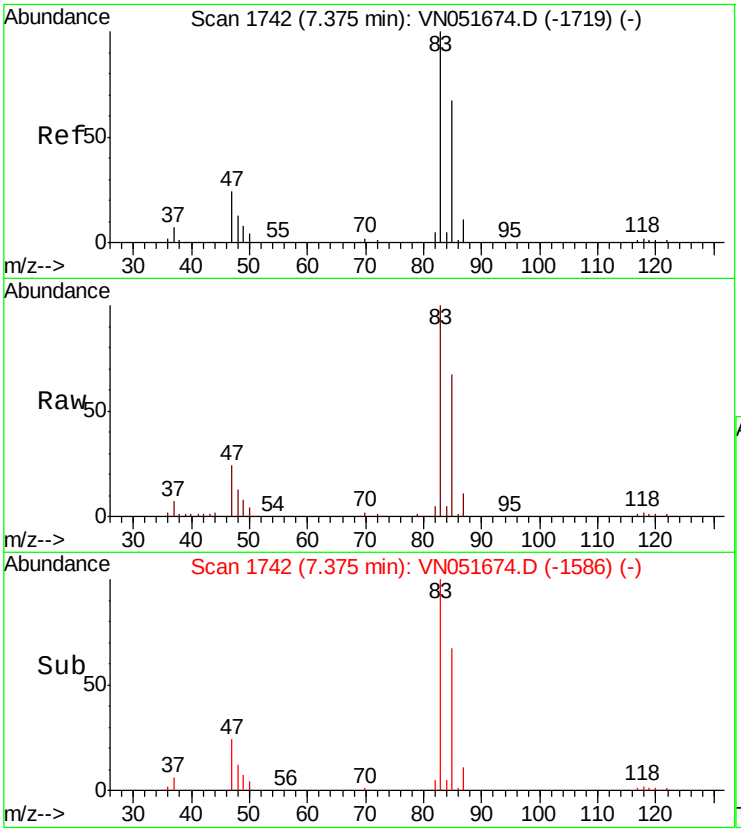


#24
Methyl tert-Butyl Ether
Concen: 20.804 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 73 Resp: 337650

Ion	Ratio	Lower	Upper
73	100		
43	21.0	5.4	8.0#

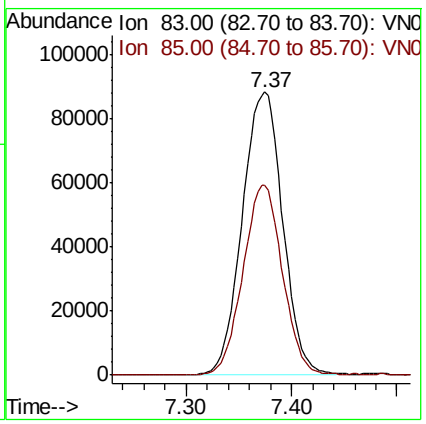




#25
Chloroform
Concen: 18.611 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 83 Resp: 235840

Ion	Ratio	Lower	Upper
83	100		
85	67.2	54.6	82.0



Instrument :
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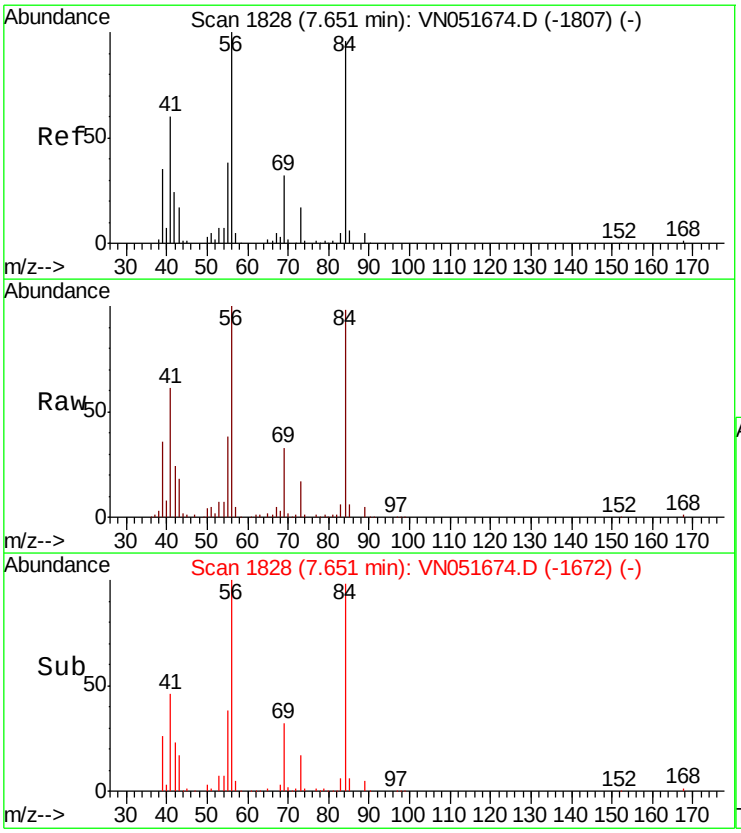
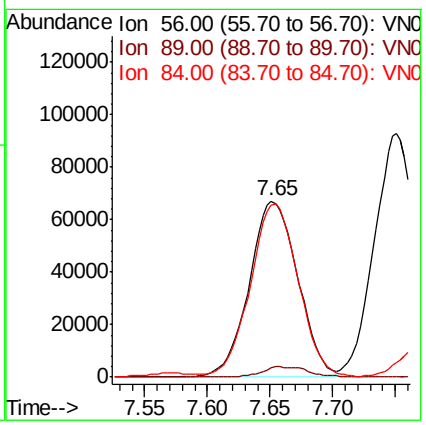
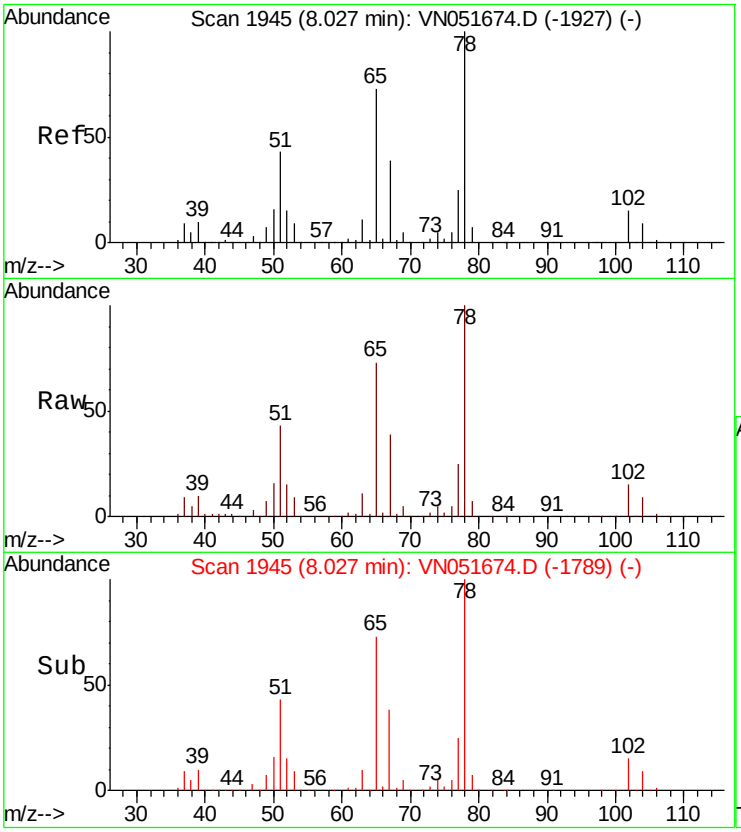


#26
Cyclohexane
Concen: 16.816 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 56 Resp: 180996

Ion	Ratio	Lower	Upper
56	100		
89	3.1	1.5	2.3#
84	97.0	64.2	96.4#

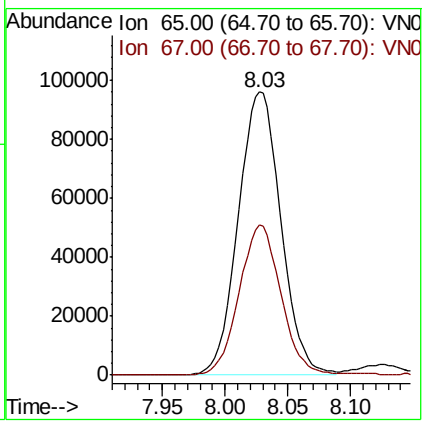




#27
1,2-Dichloroethane-d4
Concen: 16.816 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 65 Resp: 227779

Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.8	62.8



Instrument :
MSVOA_N
ClientSampleId :
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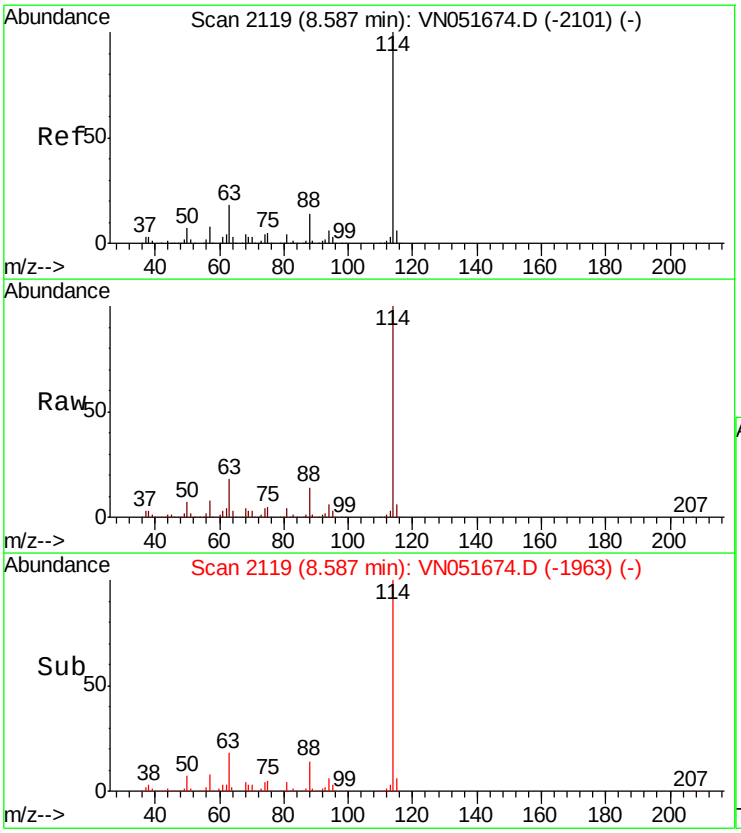
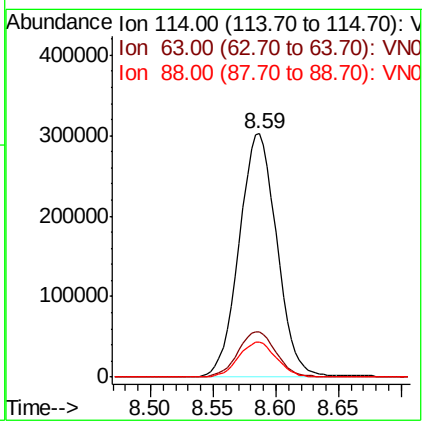
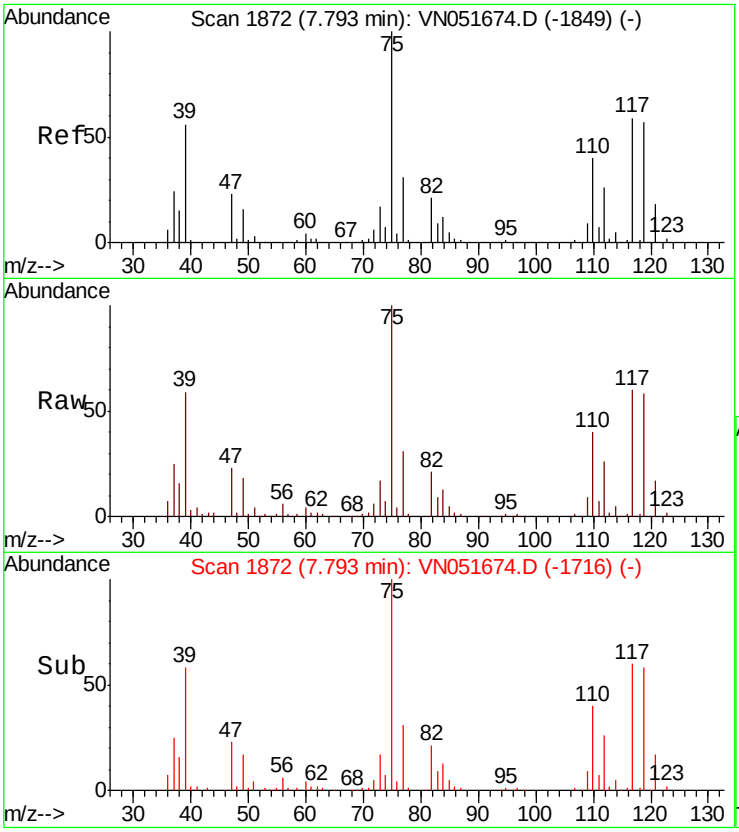


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:114 Resp: 632105

Ion	Ratio	Lower	Upper
114	100		
63	18.8	16.2	24.2
88	14.7	12.2	18.4

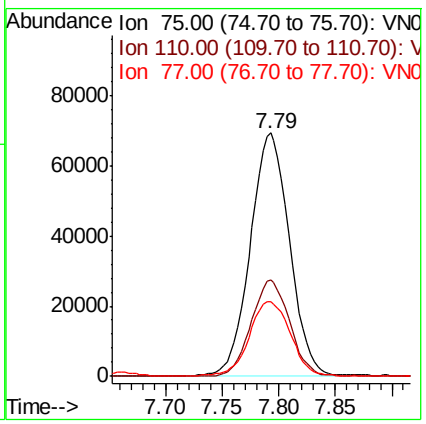




#29
1,1-Dichloropropene
Concen: 15.913 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 75 Resp: 166959

Ion	Ratio	Lower	Upper
75	100		
110	38.8	0.0	70.8
77	32.6	0.0	61.6



Instrument :
MSVOA_N
ClientSampleId :
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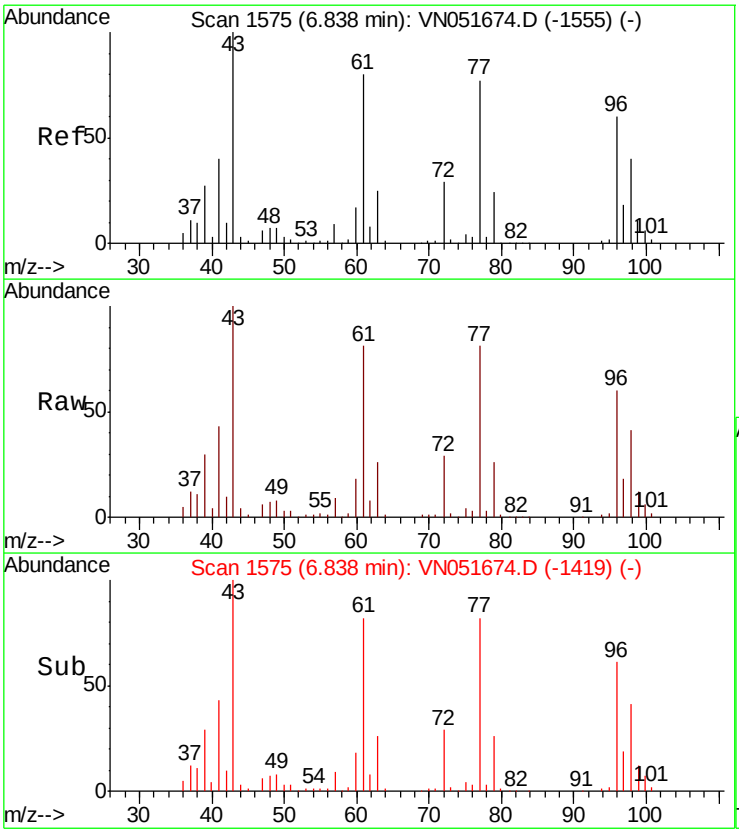
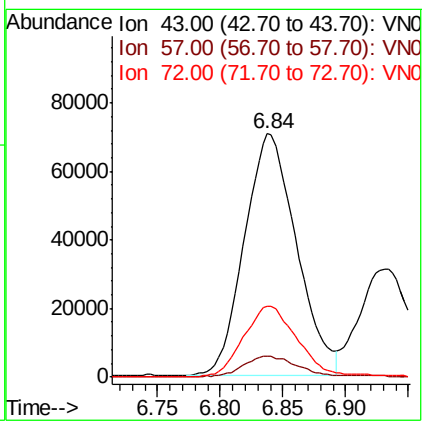
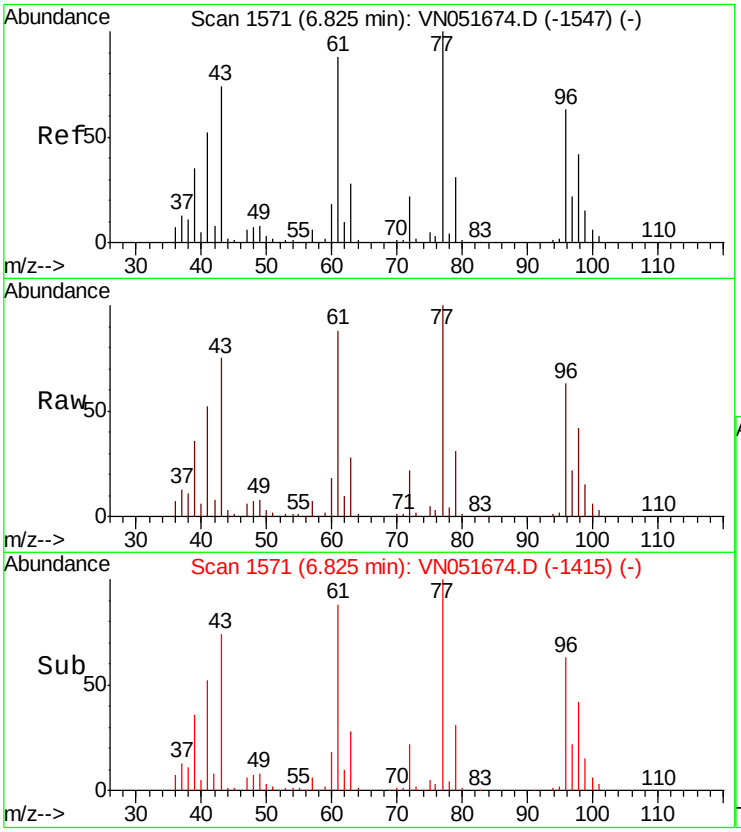


#30
2-Butanone
Concen: 76.421 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 203858

Ion	Ratio	Lower	Upper
43	100		
57	5.4	4.5	6.7
72	30.0	21.5	32.3

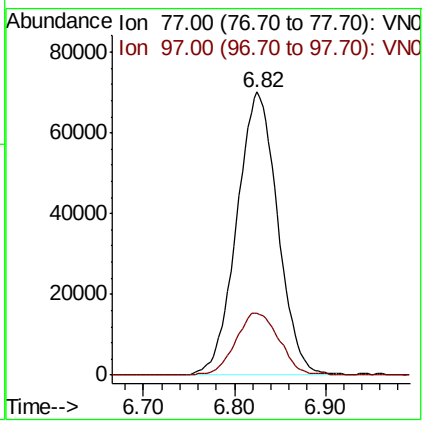




#31
2,2-Dichloropropane
Concen: 19.595 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 77 Resp: 219170

Ion	Ratio	Lower	Upper
77	100		
97	22.4	12.0	18.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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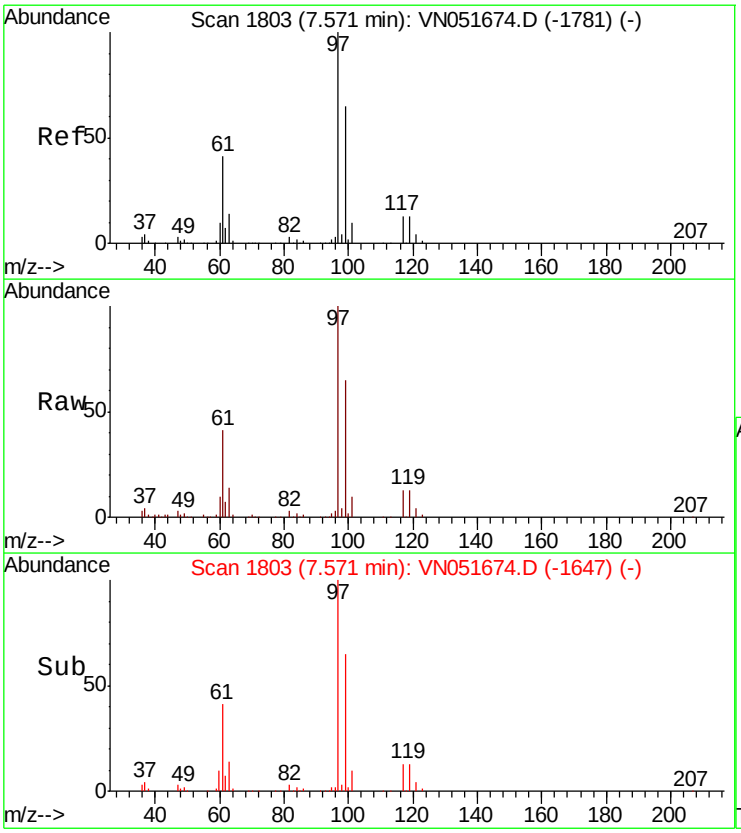
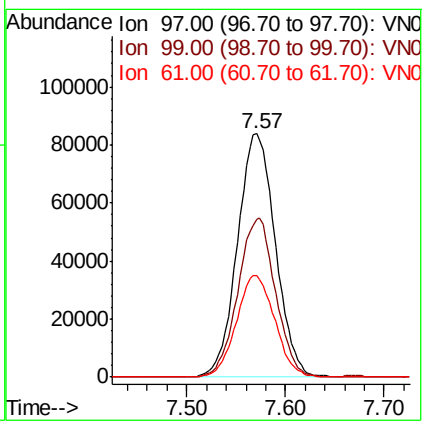
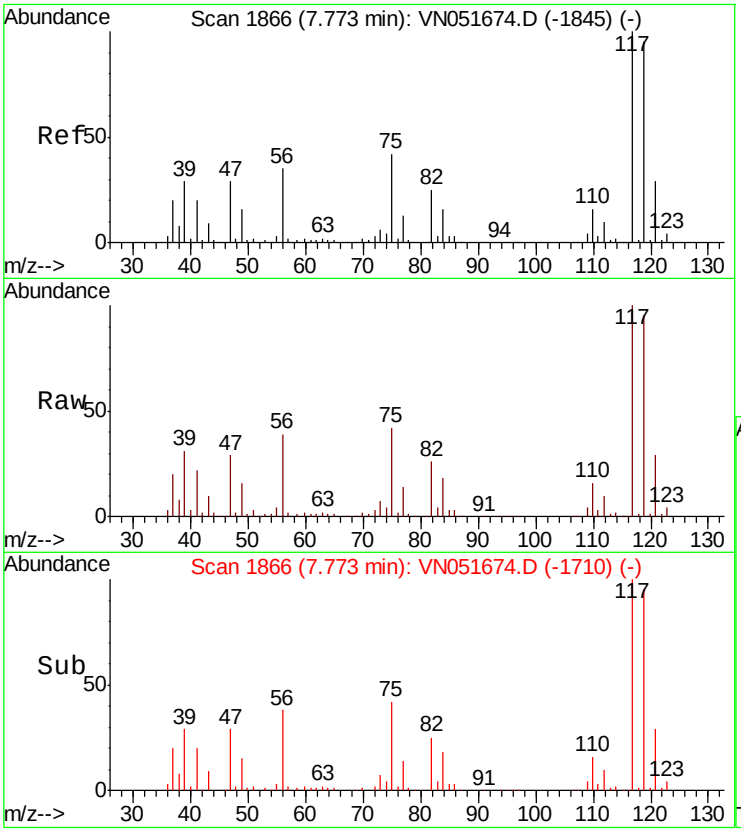


#32
1,1,1-Trichloroethane
Concen: 18.636 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 97 Resp: 223292

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	42.3	37.4	56.0

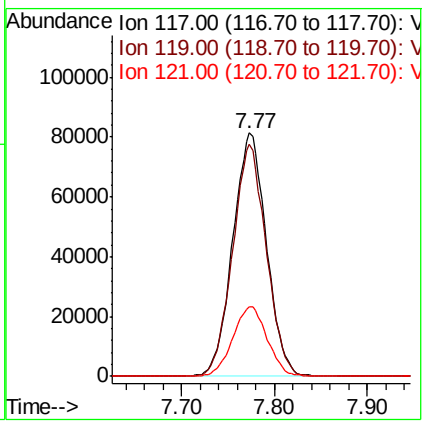




#33
Carbon Tetrachloride
Concen: 18.719 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:117 Resp: 204724

Ion	Ratio	Lower	Upper
117	100		
119	95.4	85.1	127.7
121	28.7	24.2	36.2



Instrument :
MSVOA_N
ClientSampleId :
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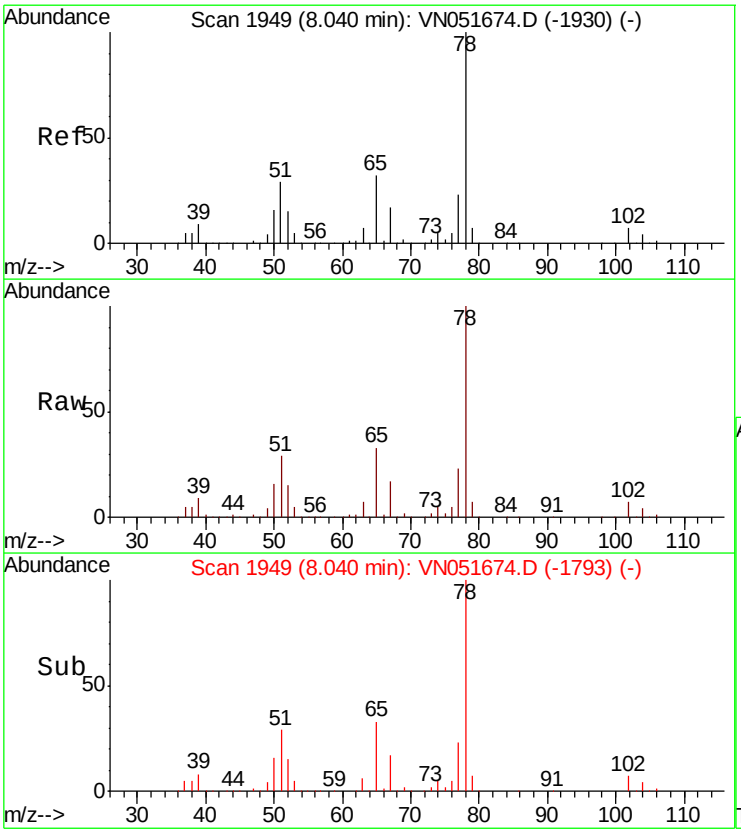
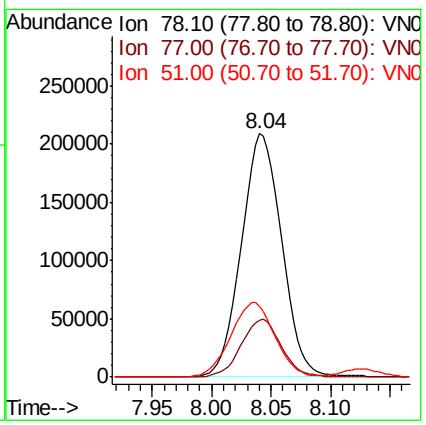
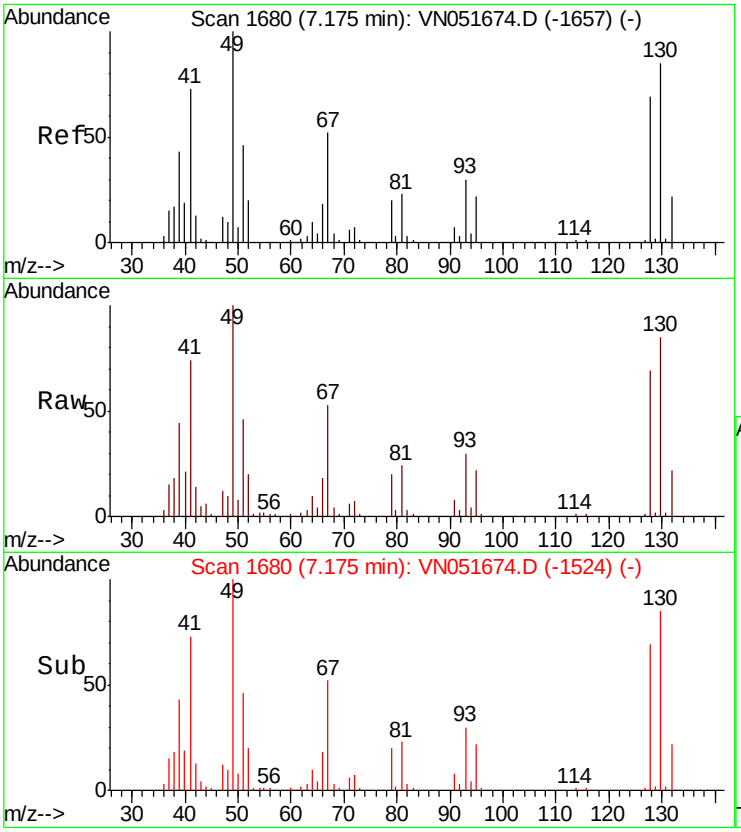


#34
Benzene
Concen: 15.732 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 78 Resp: 491418

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2
51	29.2	46.2	69.4#

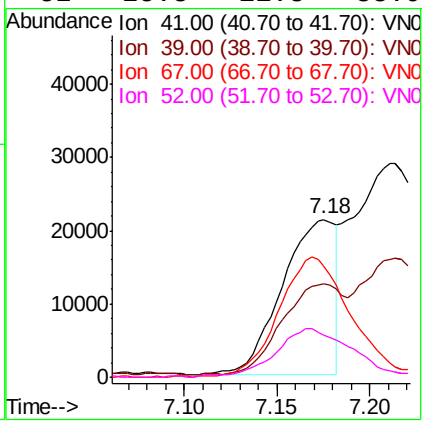




#35
Methacrylonitrile
Concen: 12.585 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 41 Resp: 42397

Ion	Ratio	Lower	Upper
41	100		
39	59.0	22.6	67.7
67	71.3	28.9	86.8
52	25.8	11.3	33.9



Instrument :
MSVOA_N
ClientSampleId :
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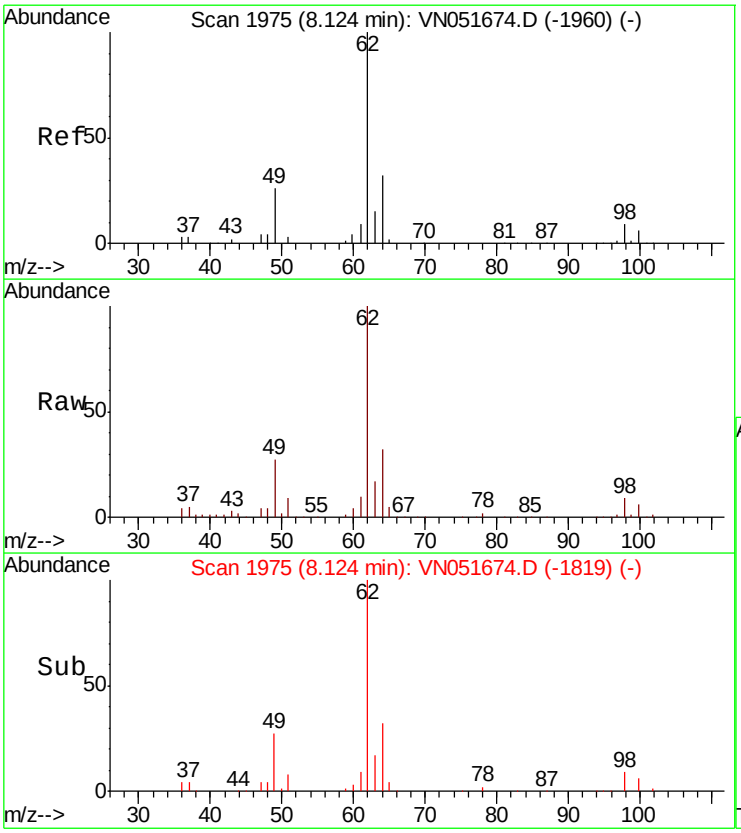
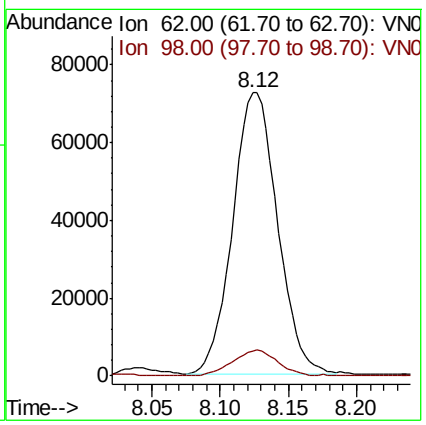
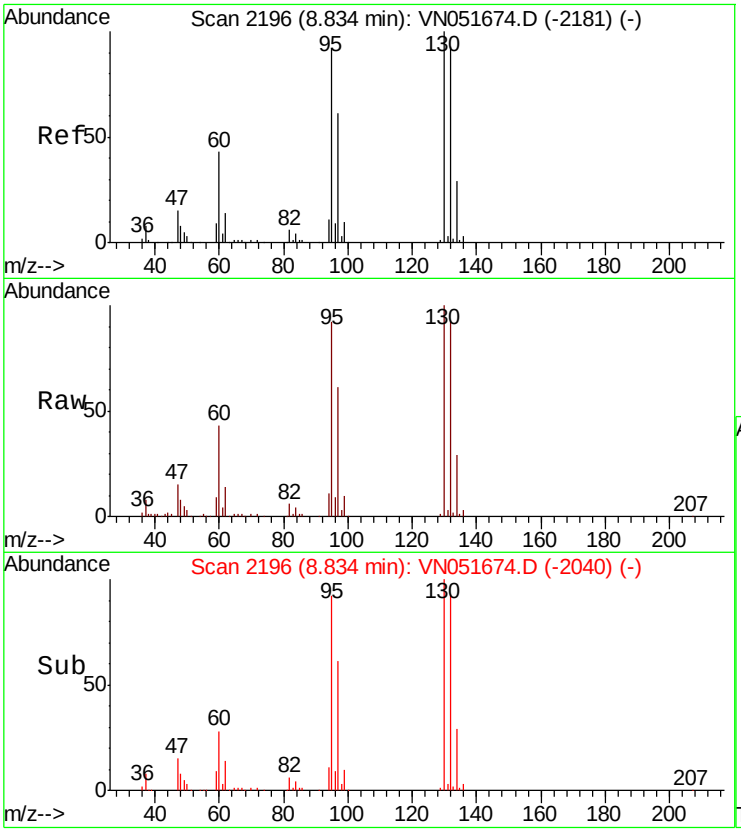


#36
1,2-Dichloroethane
Concen: 16.379 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 62 Resp: 164880

Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.9	10.3

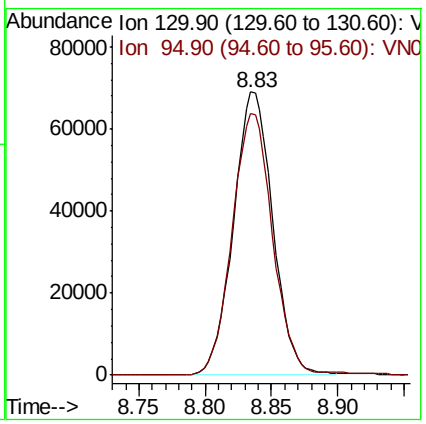




#37
Trichloroethene
Concen: 17.276 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:130 Resp: 142399

Ion	Ratio	Lower	Upper
130	100		
95	92.0	76.4	114.6



Instrument :
MSVOA_N
ClientSampleId :
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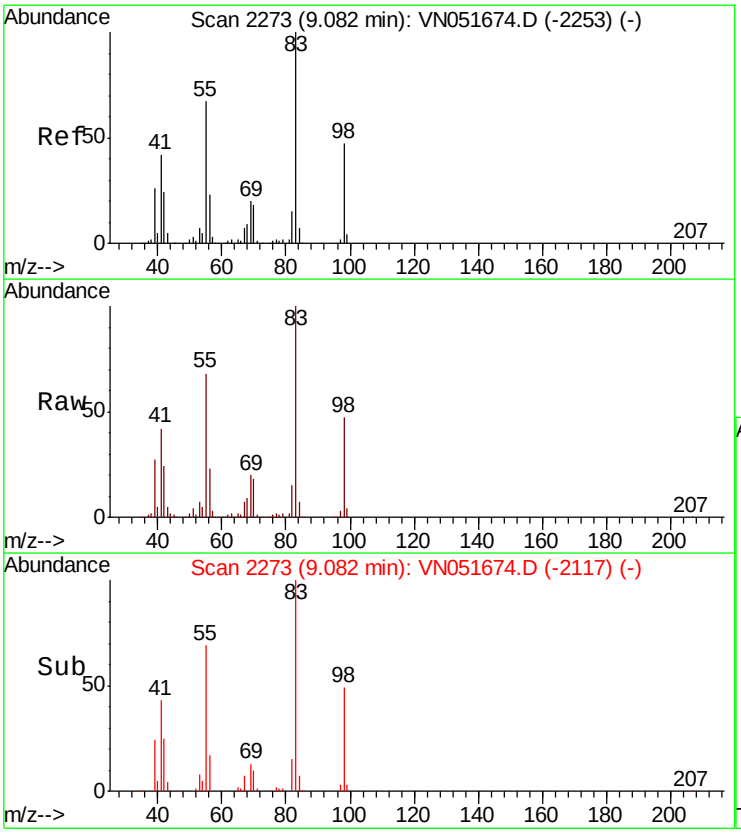
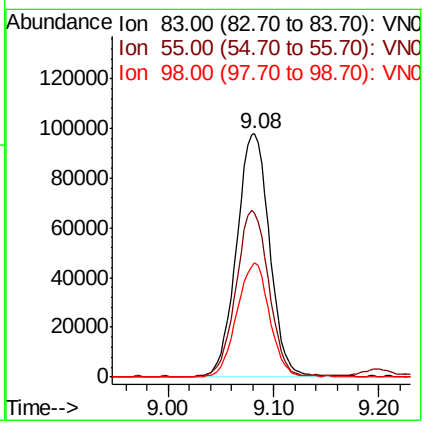
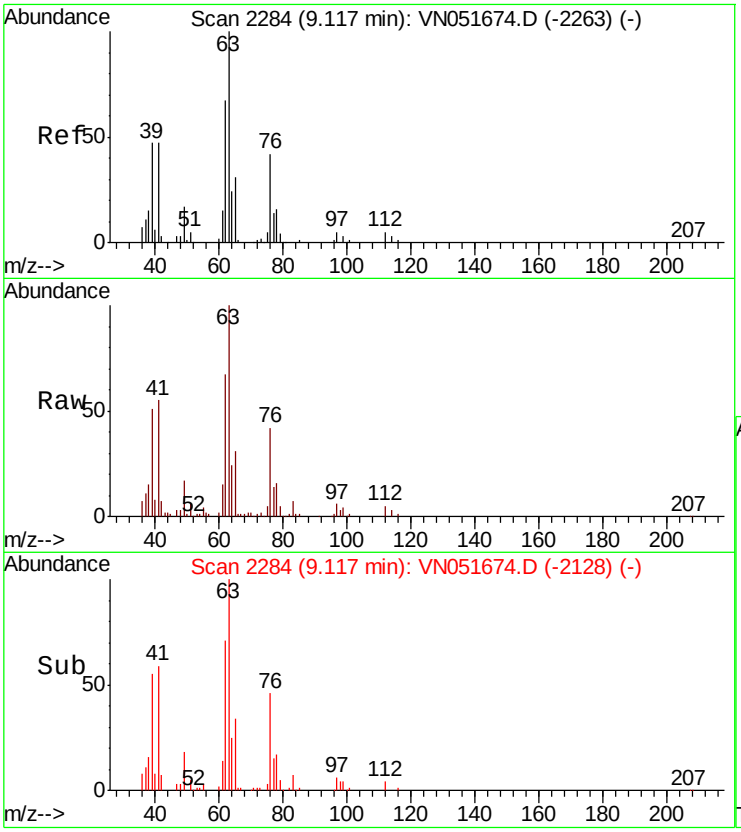


#38
Methylcyclohexane
Concen: 17.725 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 83 Resp: 212960

Ion	Ratio	Lower	Upper
83	100		
55	67.0	43.0	129.2
98	46.5	21.3	63.7

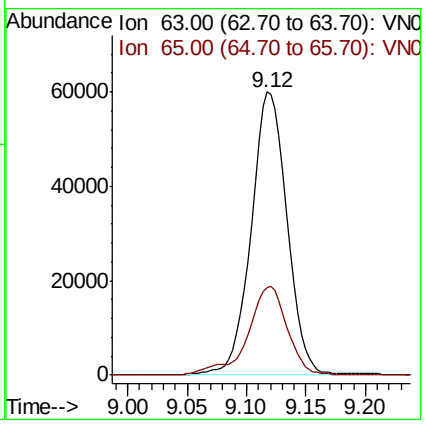




#39
1,2-Dichloropropane
Concen: 14.752 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 63 Resp: 125340

Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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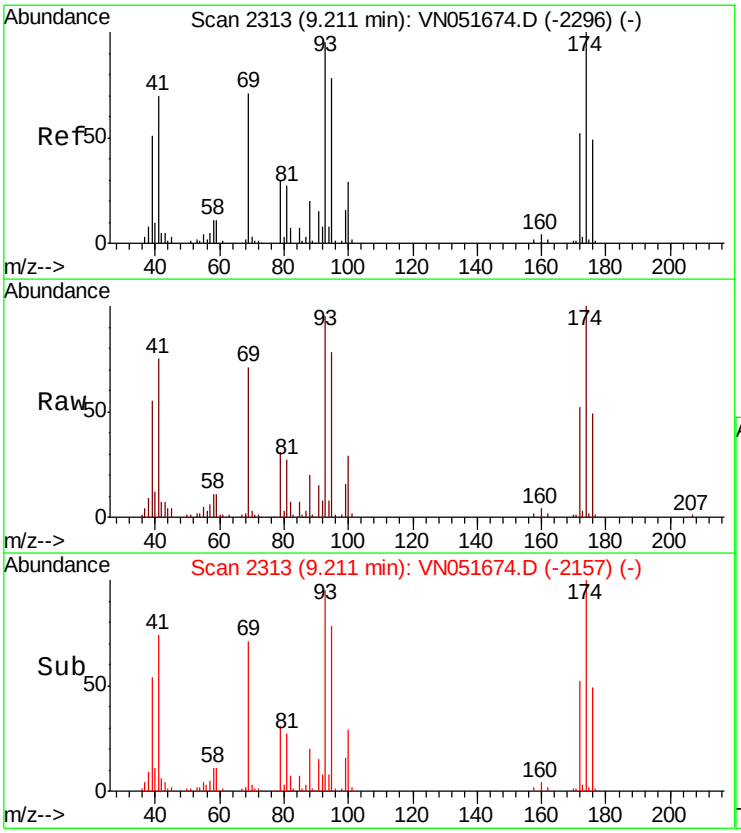
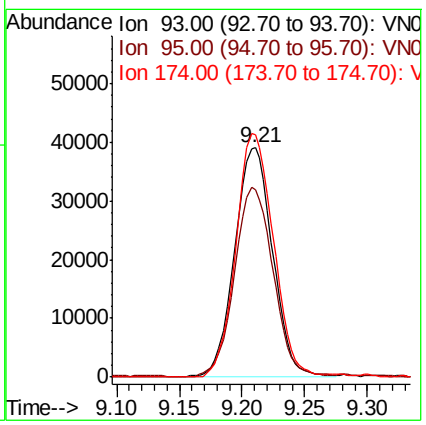
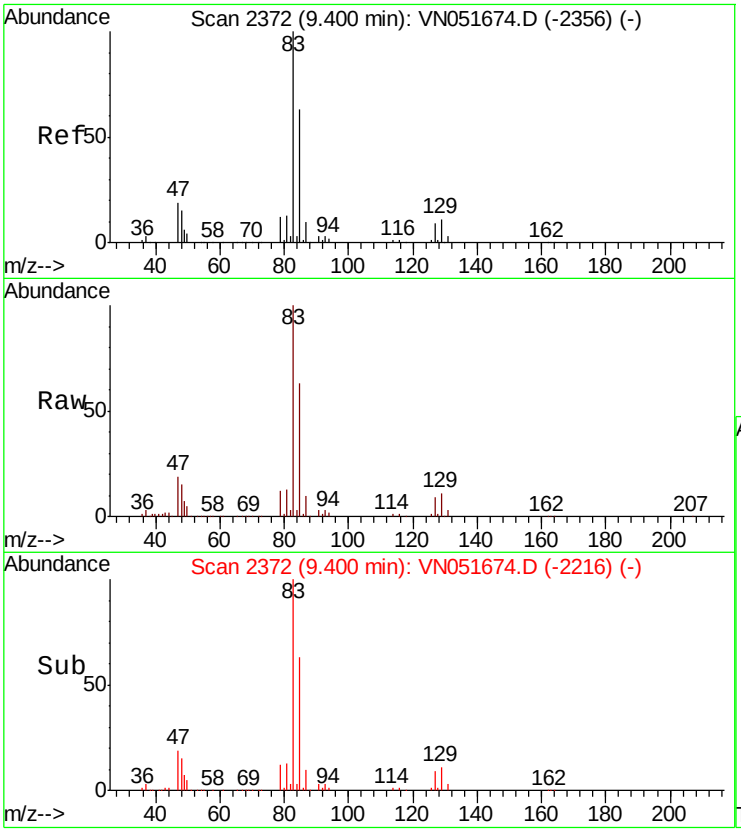


#40
Dibromomethane
Concen: 17.016 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 93 Resp: 82279

Ion	Ratio	Lower	Upper
93	100		
95	84.2	0.0	162.0
174	104.5	0.0	214.0

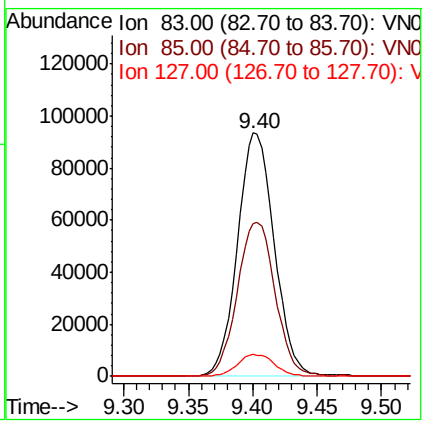




#41
Bromodichloromethane
Concen: 17.519 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 83 Resp: 185776

Ion	Ratio	Lower	Upper
83	100		
85	62.5	55.7	83.5
127	8.9	8.2	12.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
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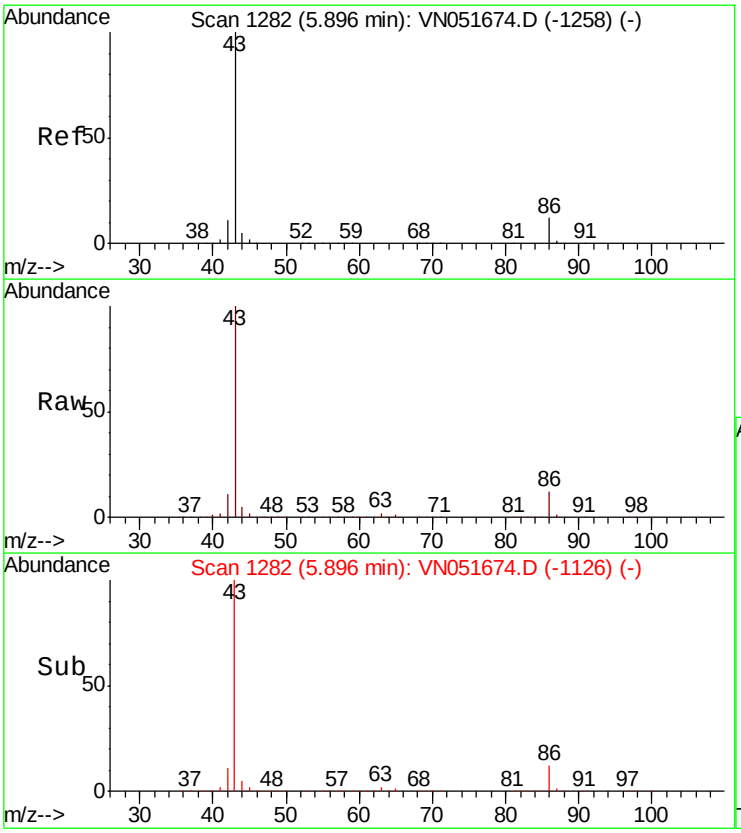
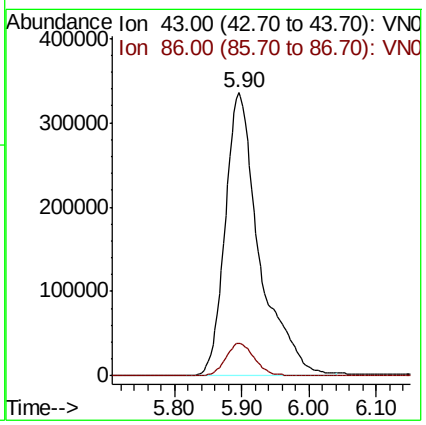
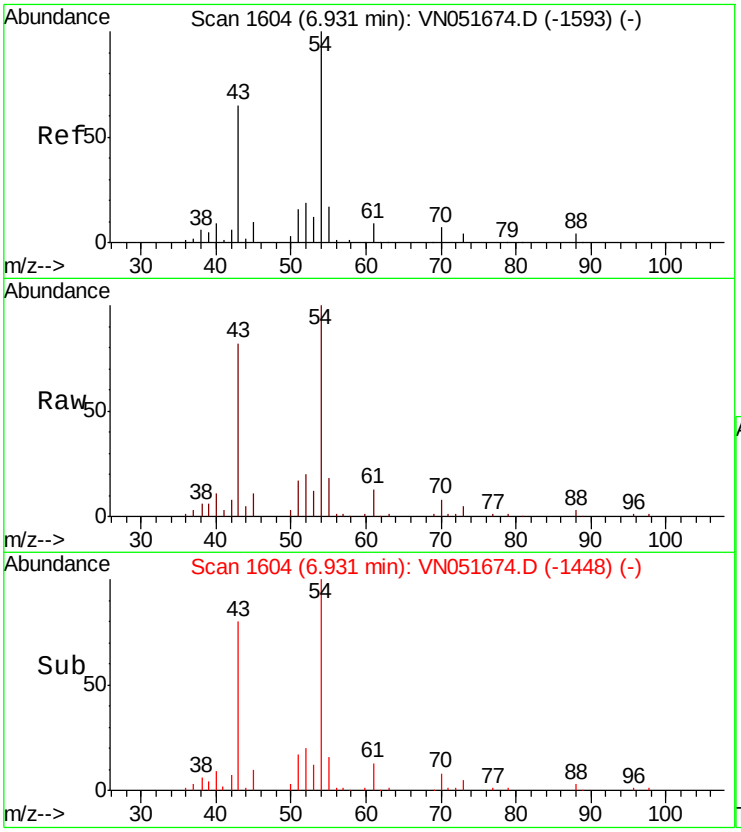


#42
Vinyl Acetate
Concen: 78.852 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 1182128

Ion	Ratio	Lower	Upper
43	100		
86	9.8	6.5	9.7#

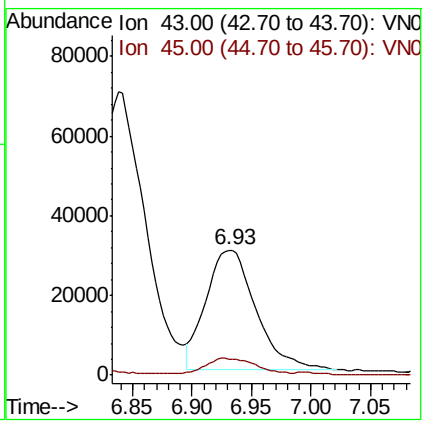




#43
Ethyl Acetate
Concen: 15.629 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 87770

Ion	Ratio	Lower	Upper
43	100		
45	13.2	11.0	16.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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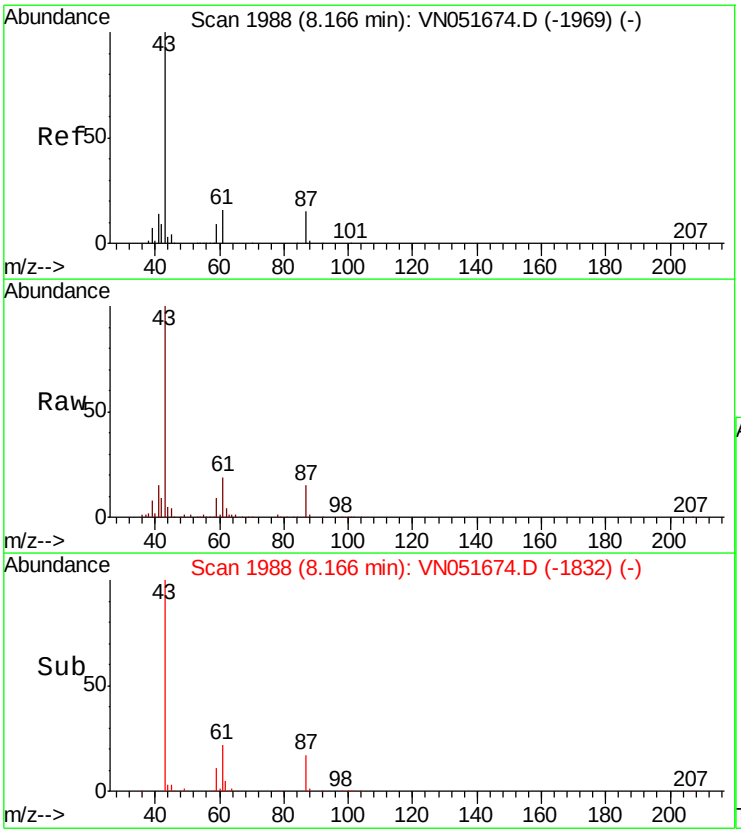
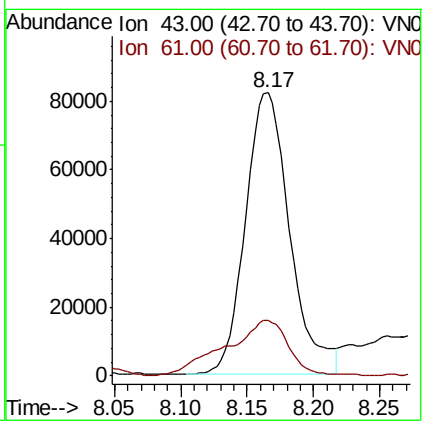
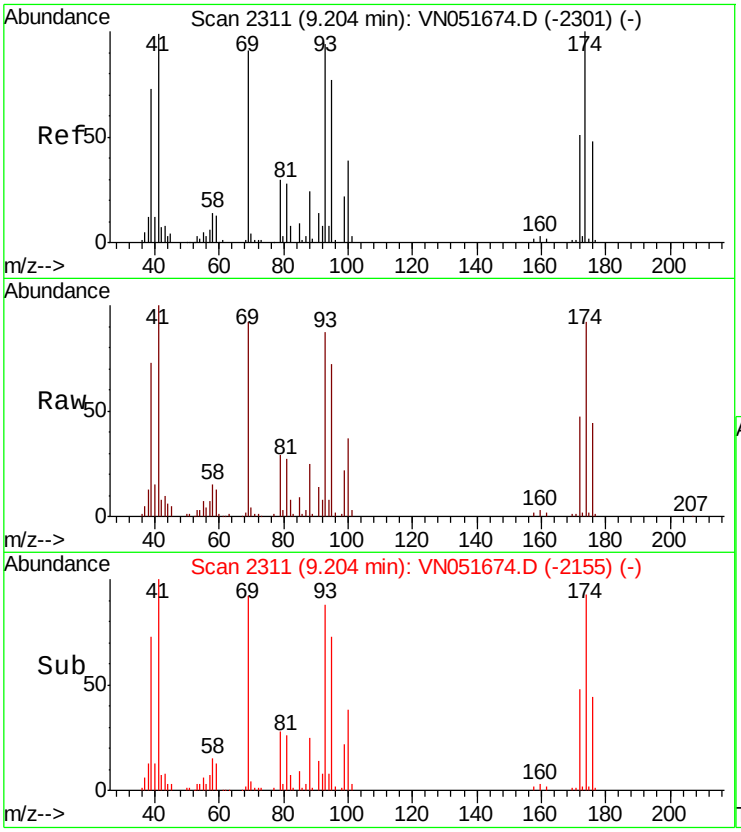


#44
Isopropyl Acetate
Concen: 17.699 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 190406

Ion	Ratio	Lower	Upper
43	100		
61	17.9	15.9	23.9

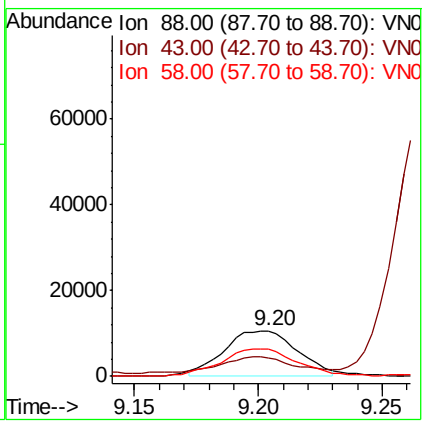




#45
1,4-Dioxane
Concen: 331.328 ug/l m
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 88 Resp: 21797

Ion	Ratio	Lower	Upper
88	100		
43	0.8	26.2	39.2#
58	0.5	65.6	98.4#



Instrument :
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ClientSampleId :
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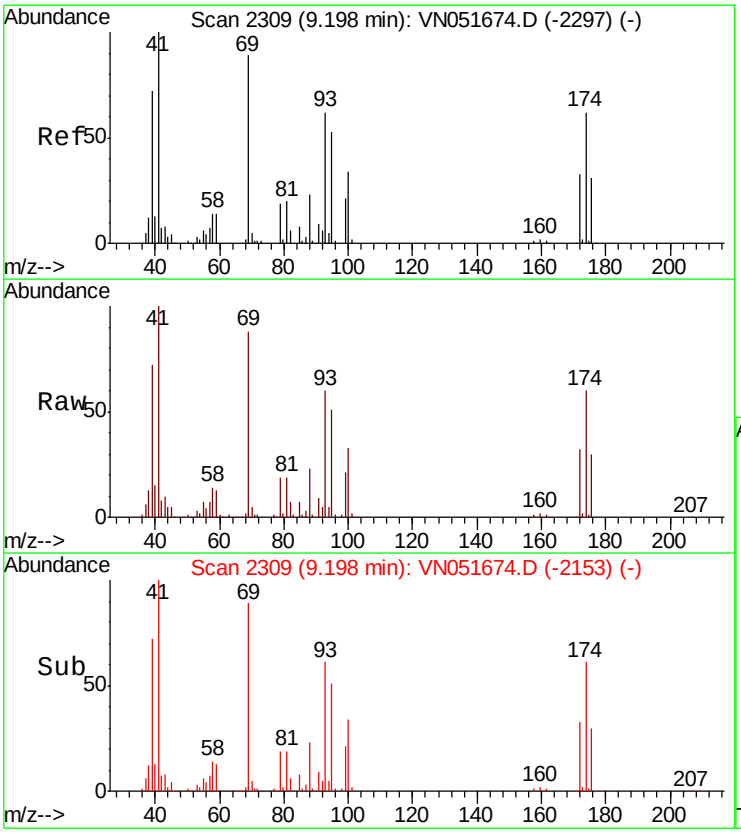
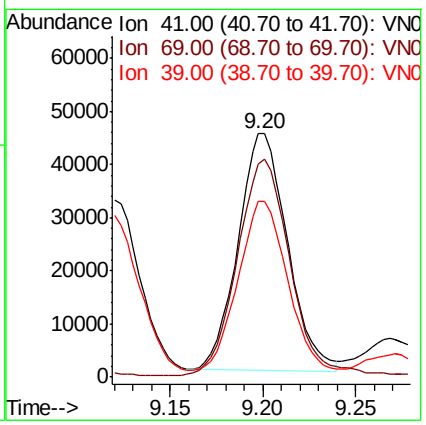
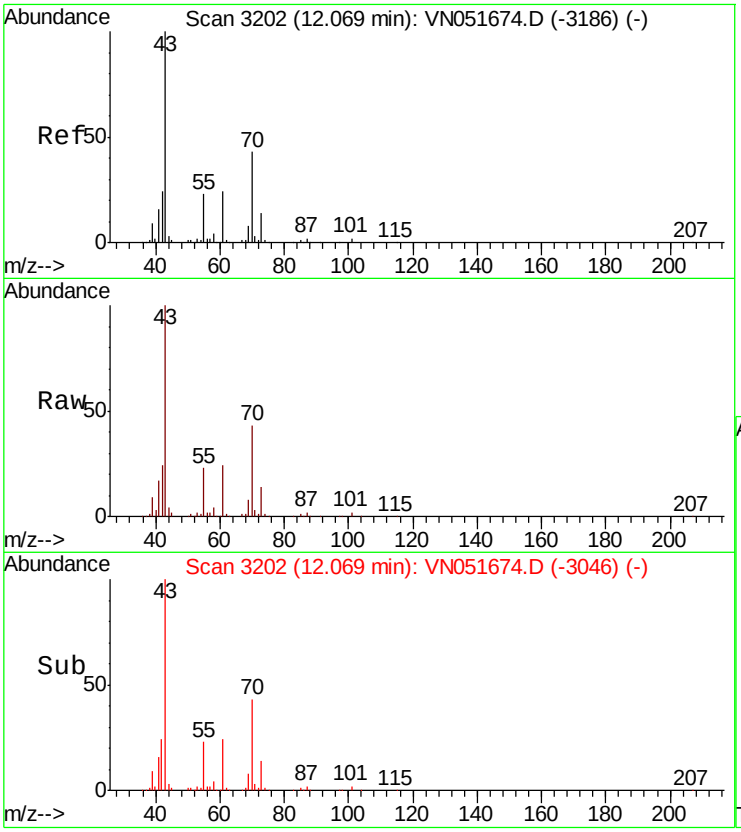


#46
Methyl methacrylate
Concen: 15.431 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 41 Resp: 82414

Ion	Ratio	Lower	Upper
41	100		
69	89.3	40.7	122.1
39	71.8	27.3	81.9





#47
n-amyl Acetate
Concen: 17.072 ug/l m
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 145919

Ion	Ratio	Lower	Upper
43	100		
55	0.1	12.2	18.4#

Instrument :
MSVOA_N
ClientSampleId :
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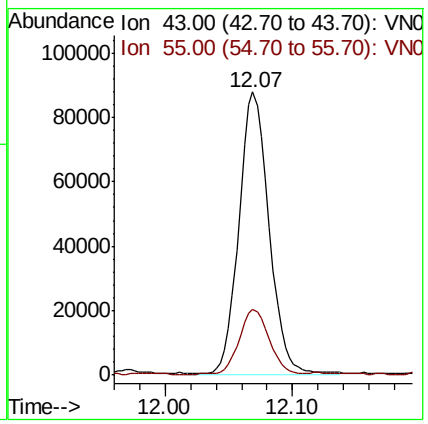
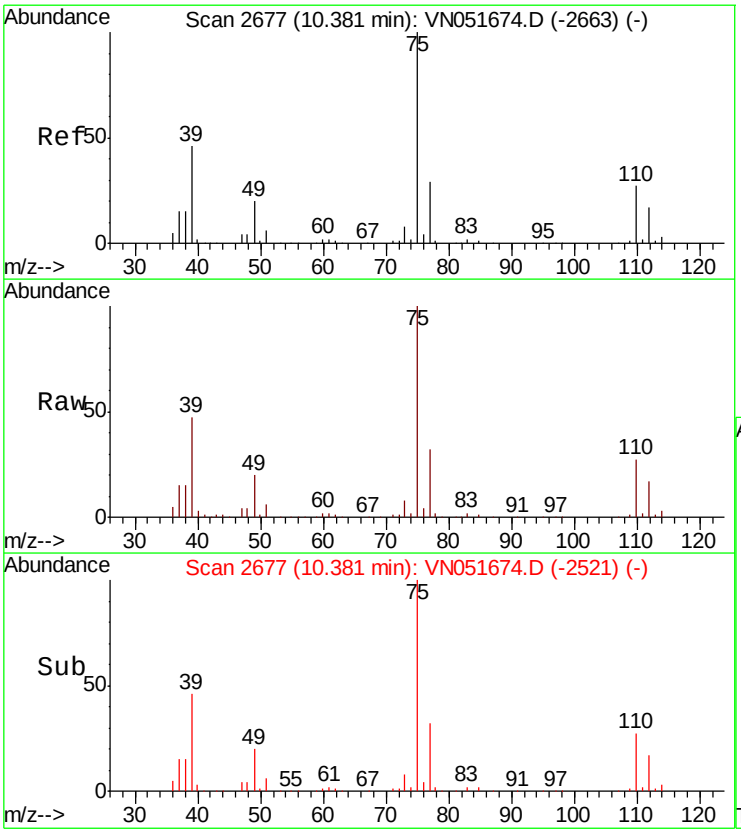
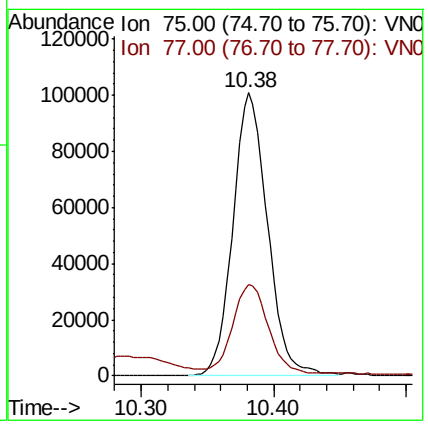


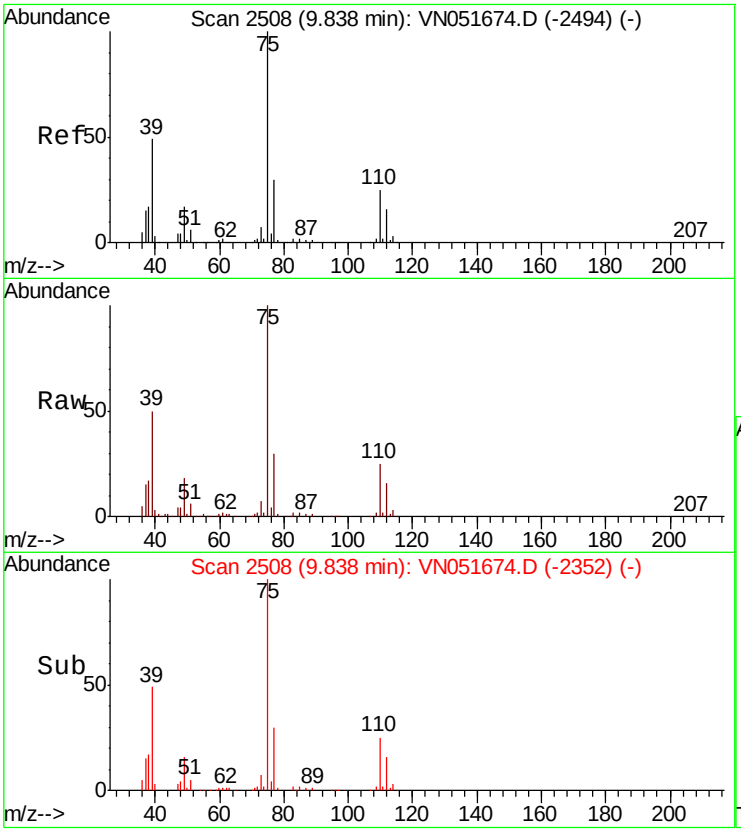


#48
t-1,3-Dichloropropene
Concen: 17.523 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 75 Resp: 182897

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	37.0

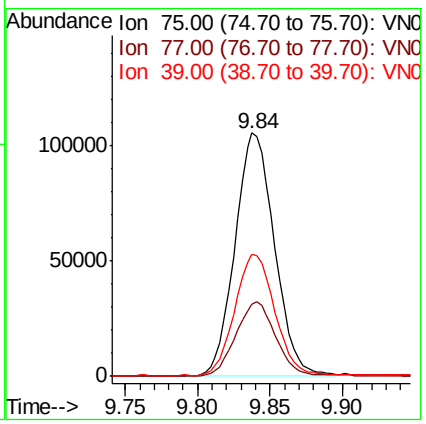




#49
cis-1,3-Dichloropropene
Concen: 16.437 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 75 Resp: 200401

Ion	Ratio	Lower	Upper
75	100		
77	29.8	23.2	34.8
39	49.4	34.6	52.0



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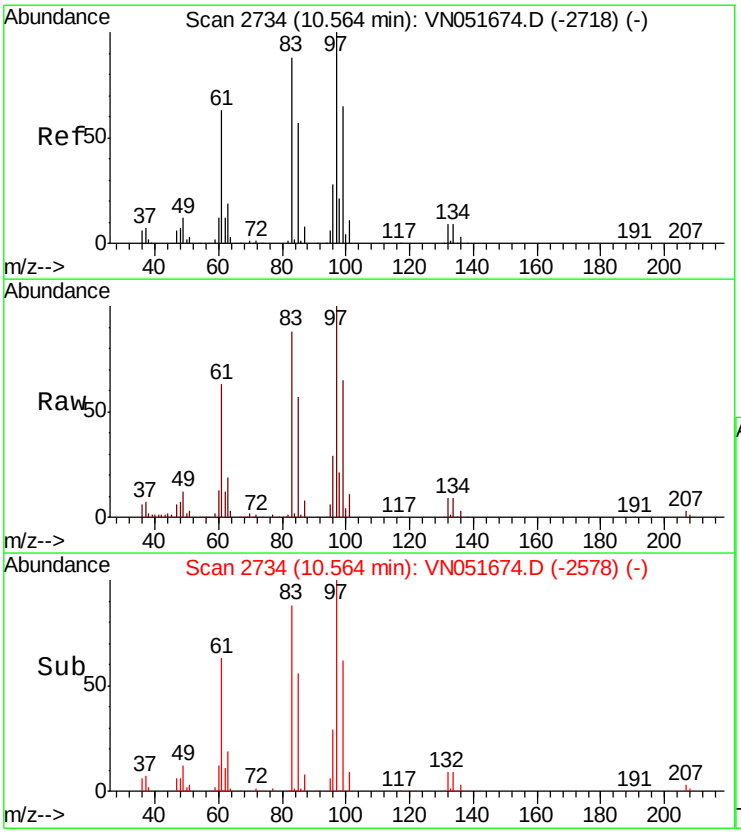
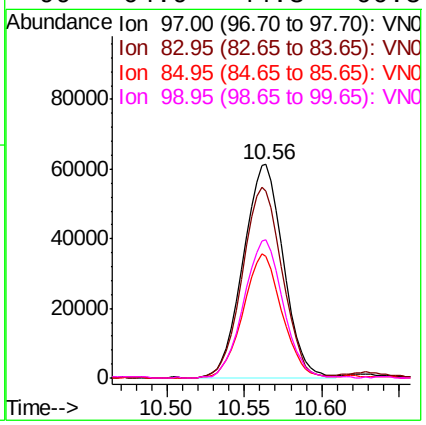
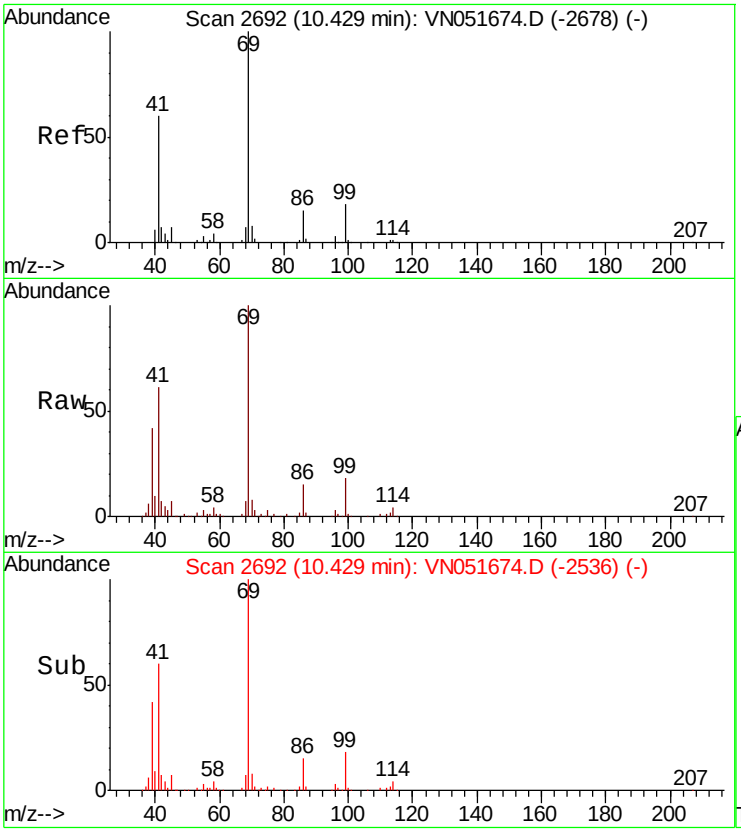


#50
1,1,2-Trichloroethane
Concen: 16.142 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 97 Resp: 111269

Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	57.2	42.5	63.7
99	64.9	44.3	66.5

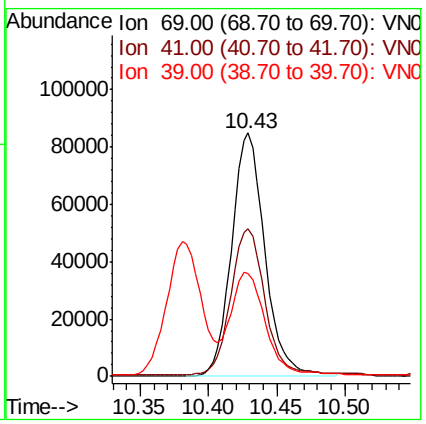




#51
Ethyl methacrylate
Concen: 17.860 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 69 Resp: 144158

Ion	Ratio	Lower	Upper
69	100		
41	59.6	34.4	103.1
39	41.2	16.3	48.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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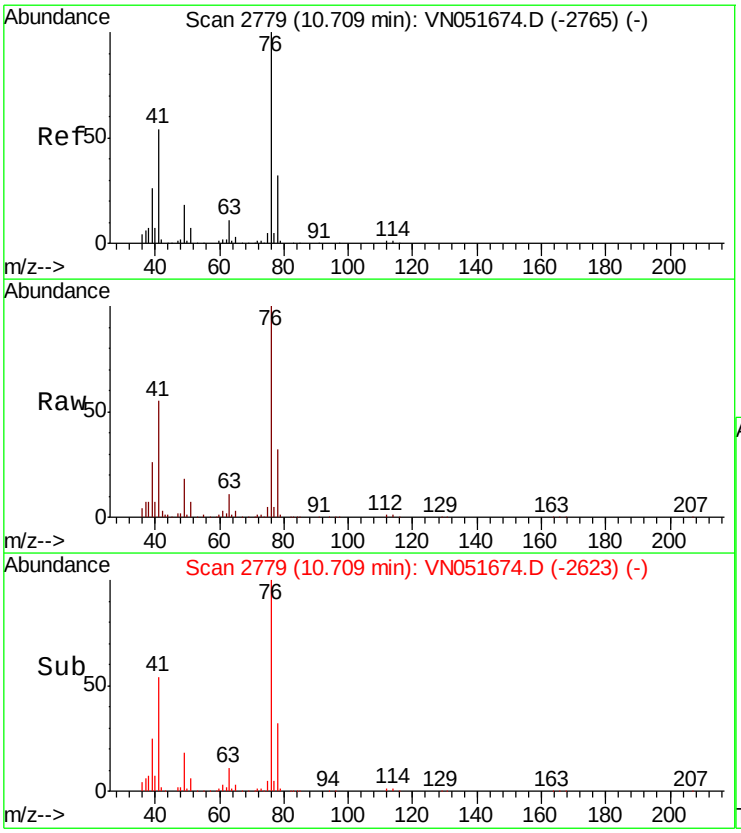
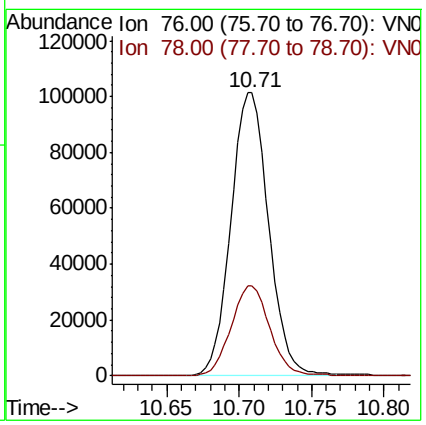
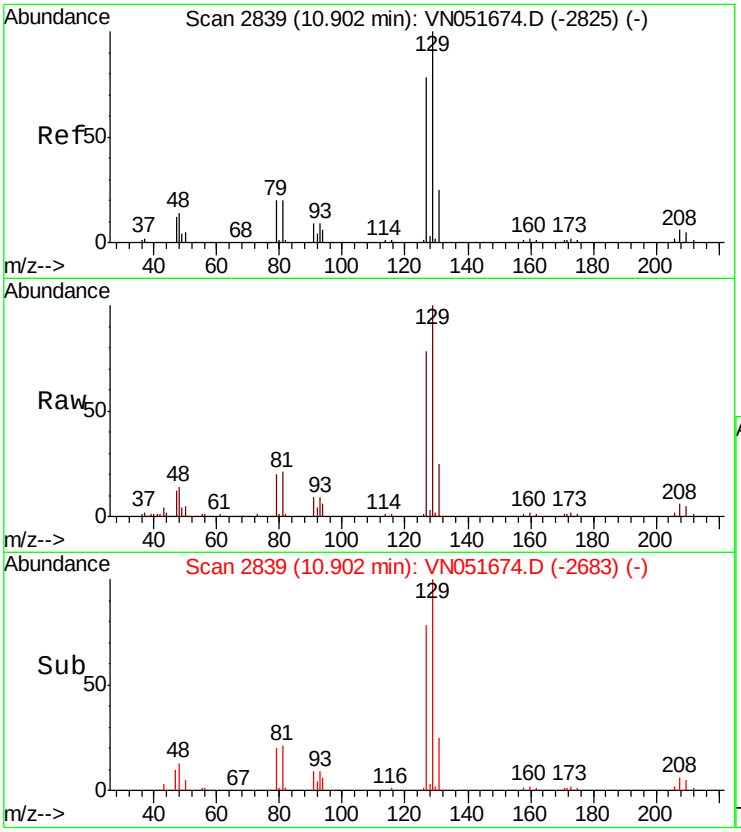


#52
1,3-Dichloropropane
Concen: 15.757 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 76 Resp: 183365

Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	67.6

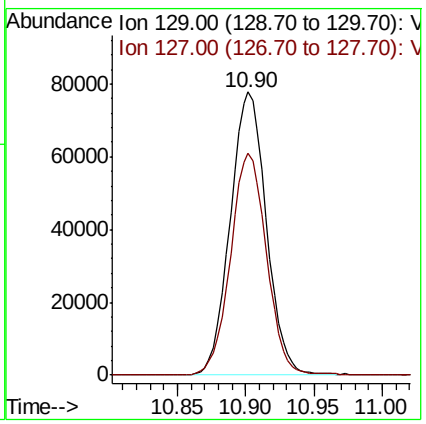




#53
Dibromochloromethane
Concen: 18.035 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:129 Resp: 143005

Ion	Ratio	Lower	Upper
129	100		
127	77.9	40.2	120.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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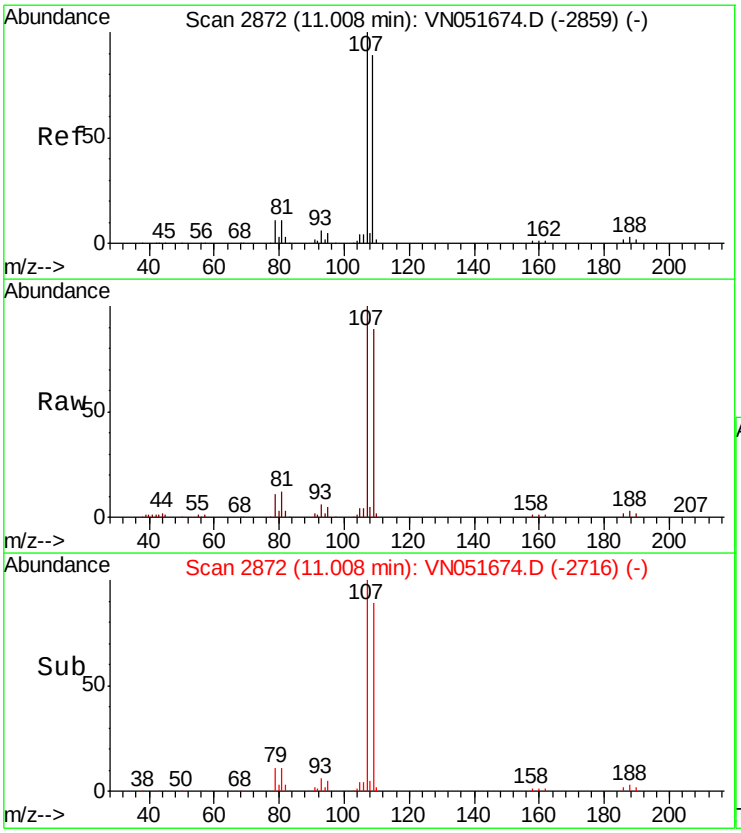
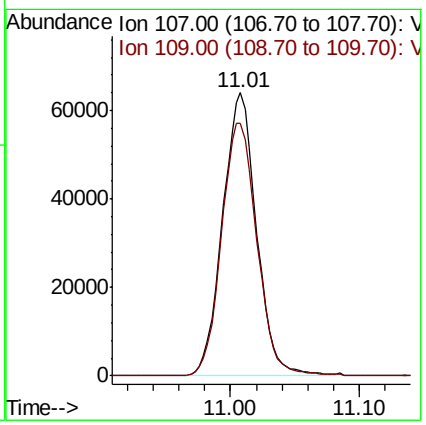
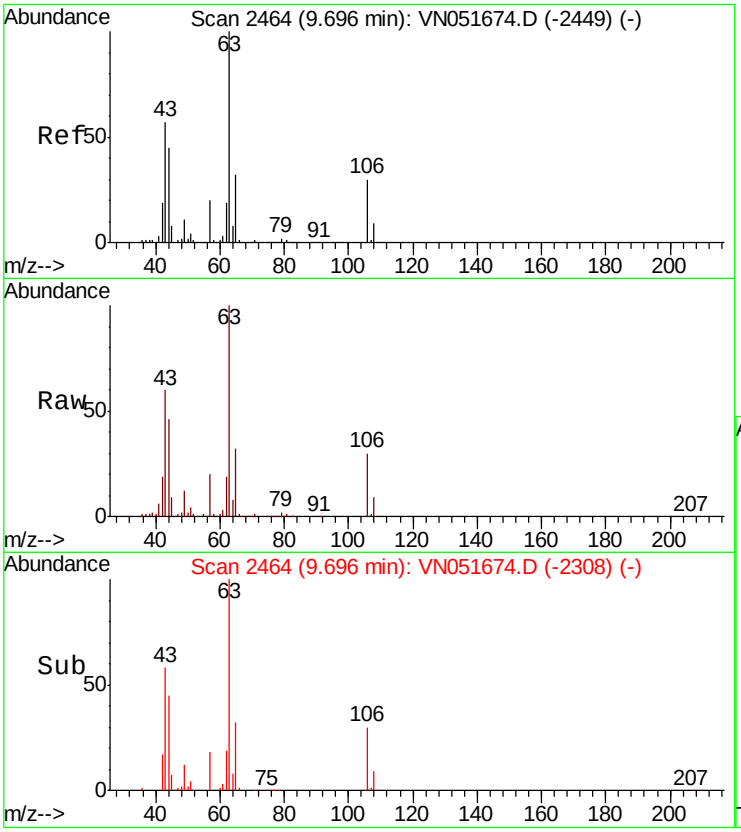


#54
1,2-Dibromoethane
Concen: 17.621 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:107 Resp: 116657

Ion	Ratio	Lower	Upper
107	100		
109	93.6	77.4	116.0

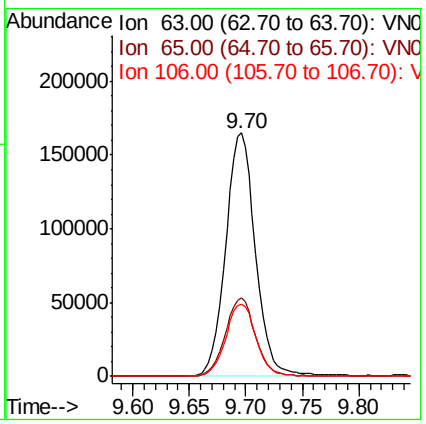




#55
2-Chloroethyl vinyl ether
Concen: 75.052 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 63 Resp: 302129

Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.4	38.0
106	30.3	21.2	31.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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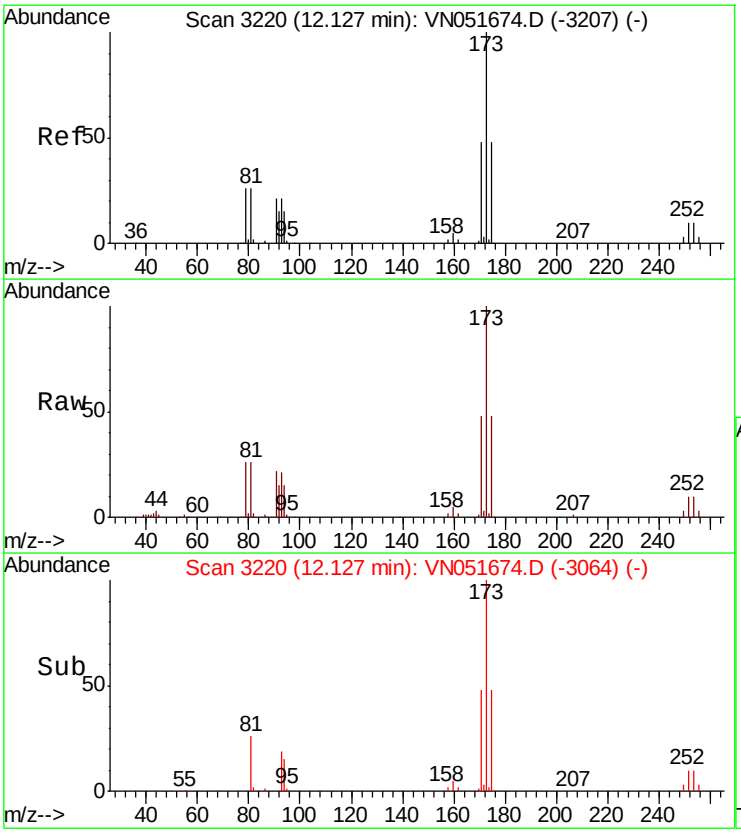
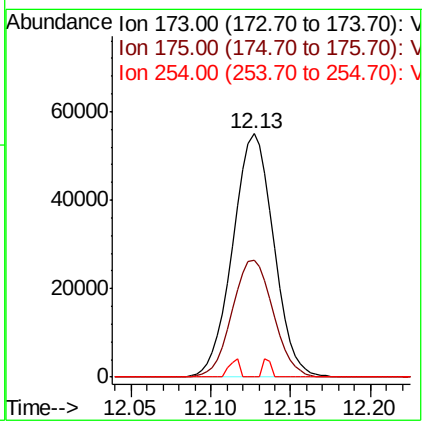
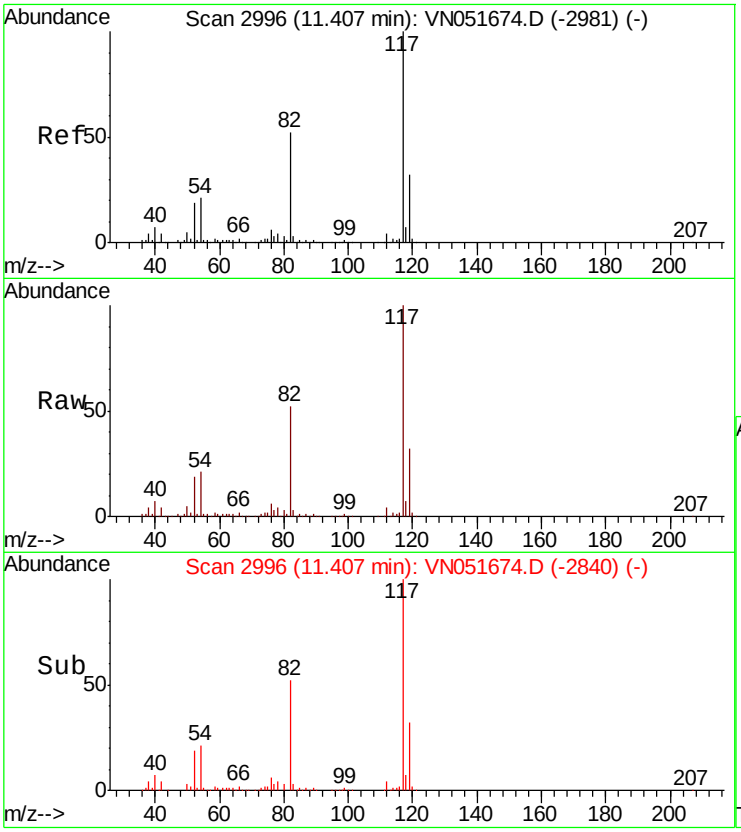


#56
Bromoform
Concen: 18.062 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:173 Resp: 95974

Ion	Ratio	Lower	Upper
173	100		
175	48.1	35.8	53.8
254	1.5	8.6	13.0#

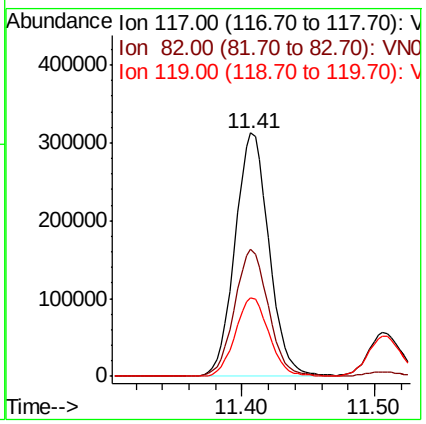




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:117 Resp: 555847

Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.1	66.1
119	32.1	25.8	38.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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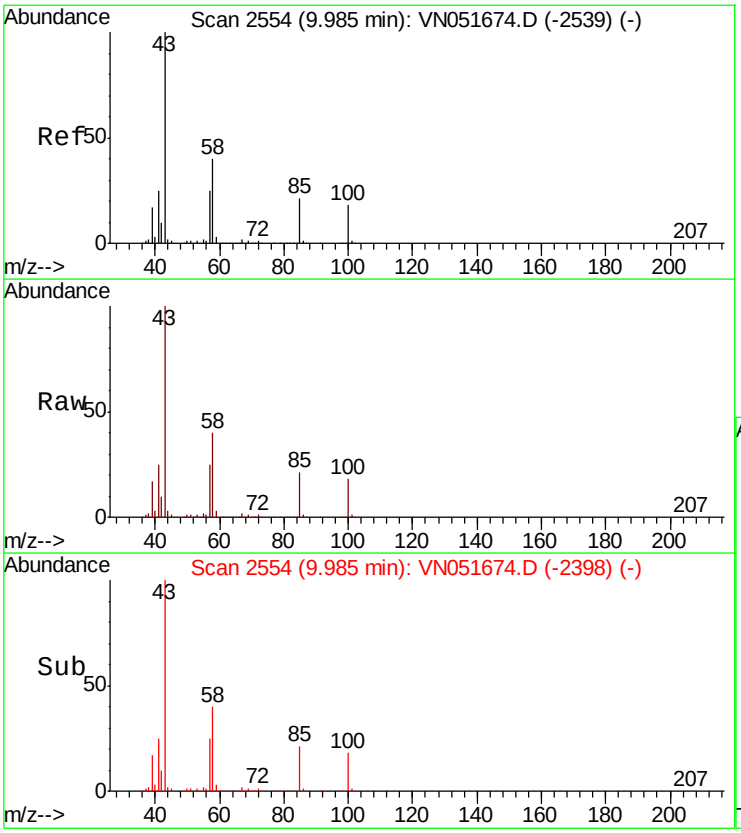
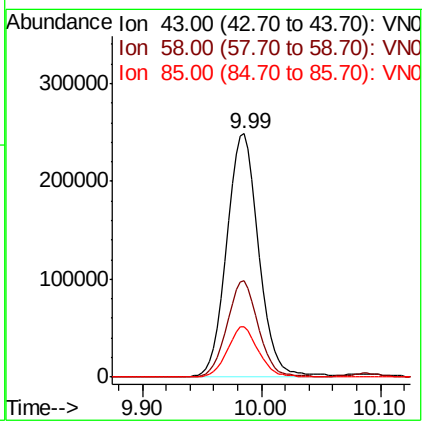
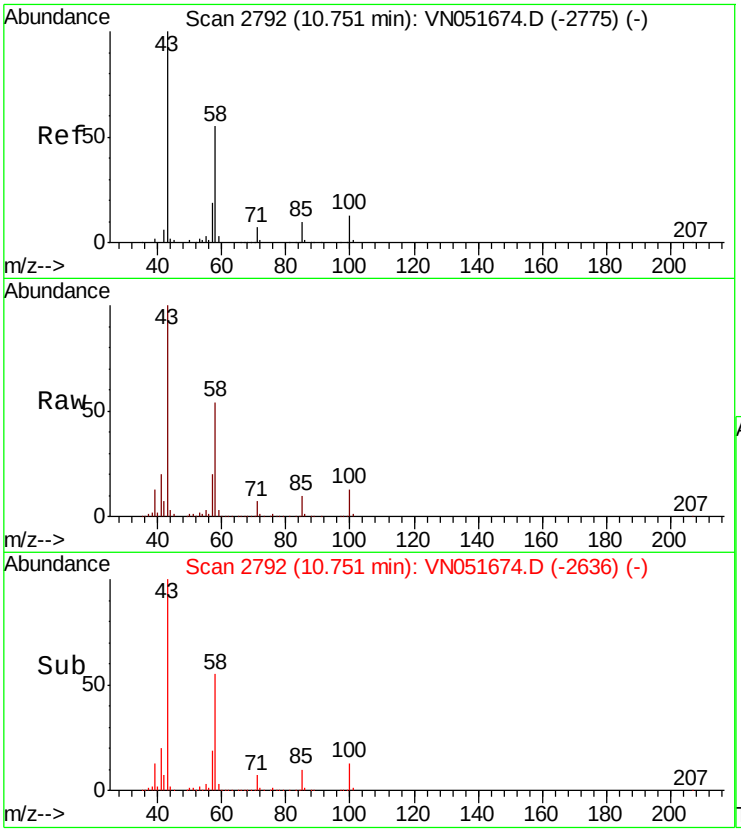


#58
4-Methyl-2-Pentanone
Concen: 79.939 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 459327

Ion	Ratio	Lower	Upper
43	100		
58	39.3	29.3	43.9
85	20.4	12.6	18.8#

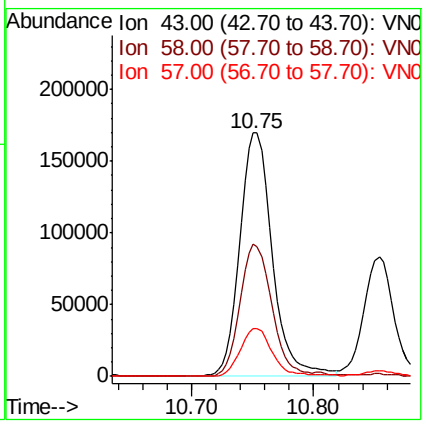




#59
2-Hexanone
Concen: 82.379 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 43 Resp: 308187

Ion	Ratio	Lower	Upper
43	100		
58	53.5	41.3	61.9
57	19.3	13.4	20.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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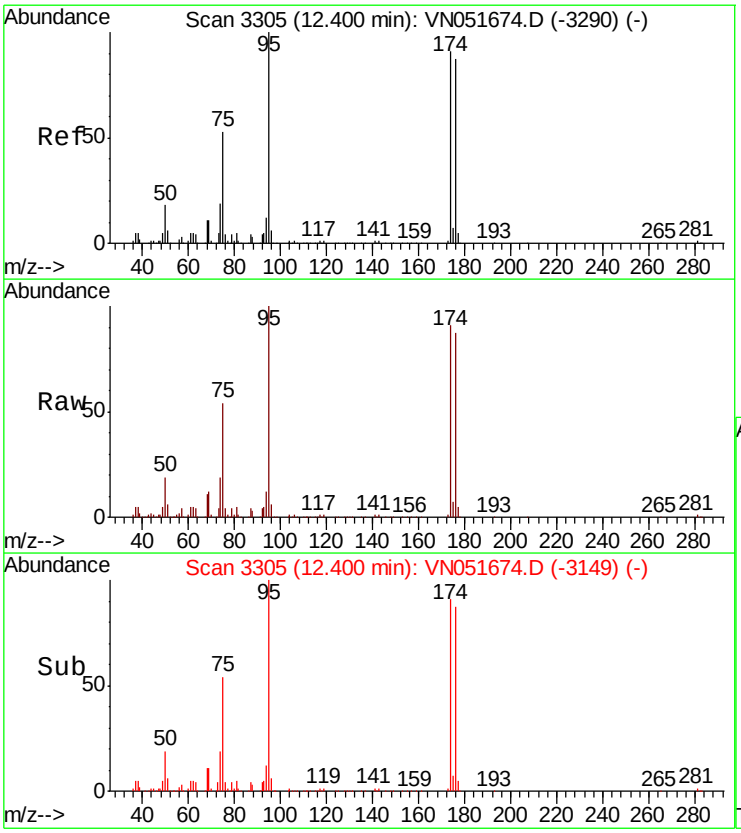
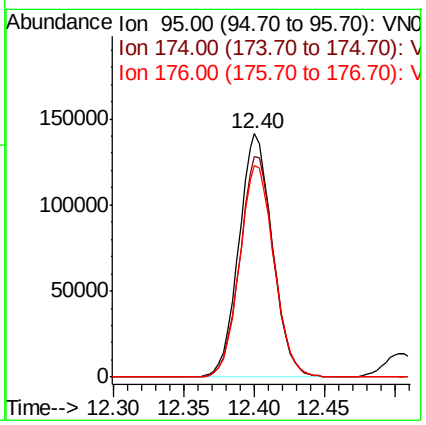
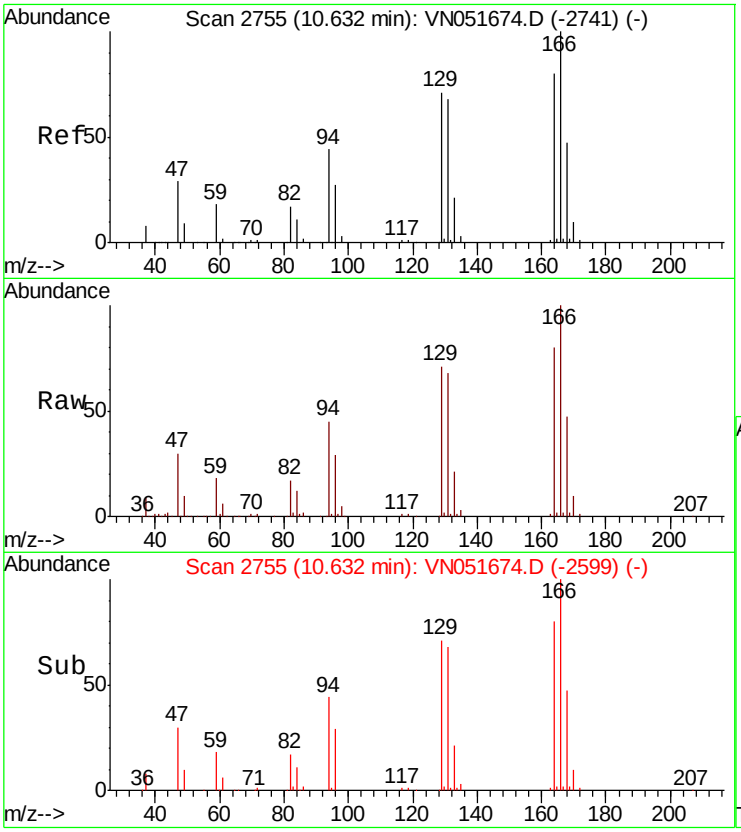


#60
4-Bromofluorobenzene
Concen: 82.379 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 95 Resp: 235403

Ion	Ratio	Lower	Upper
95	100		
174	92.0	73.5	110.3
176	89.2	70.2	105.2

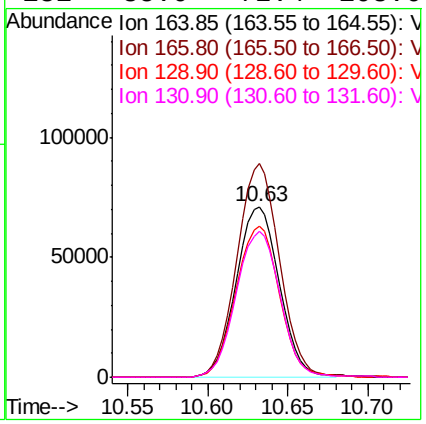




#61
Tetrachloroethene
Concen: 17.211 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:164 Resp: 131154

Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.7	148.1
129	88.9	69.6	104.4
131	85.0	72.4	108.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
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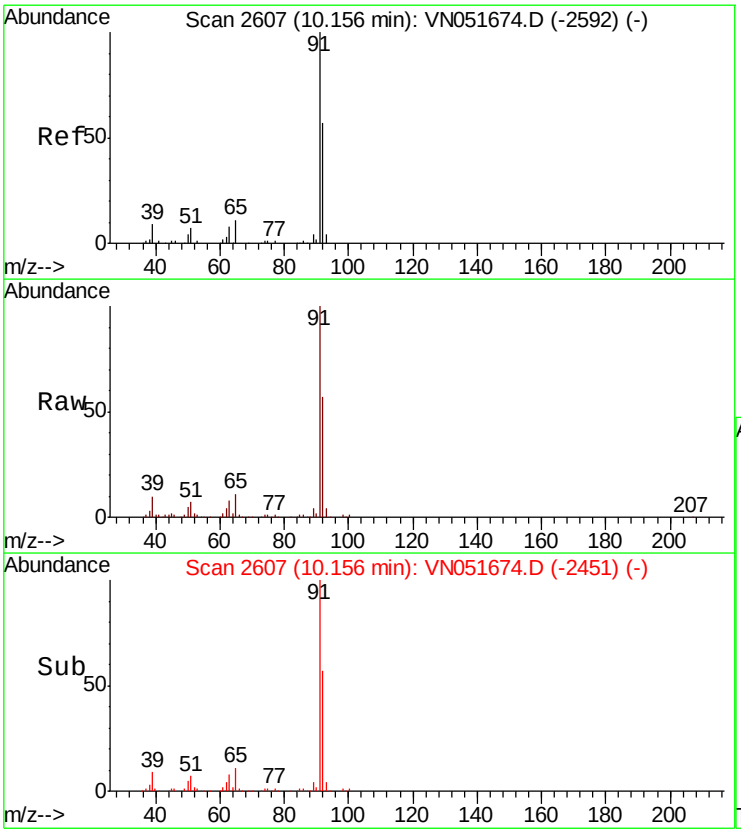
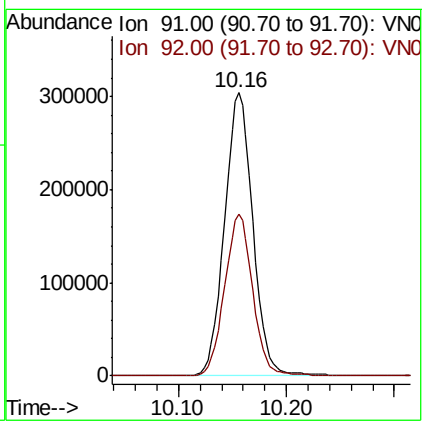
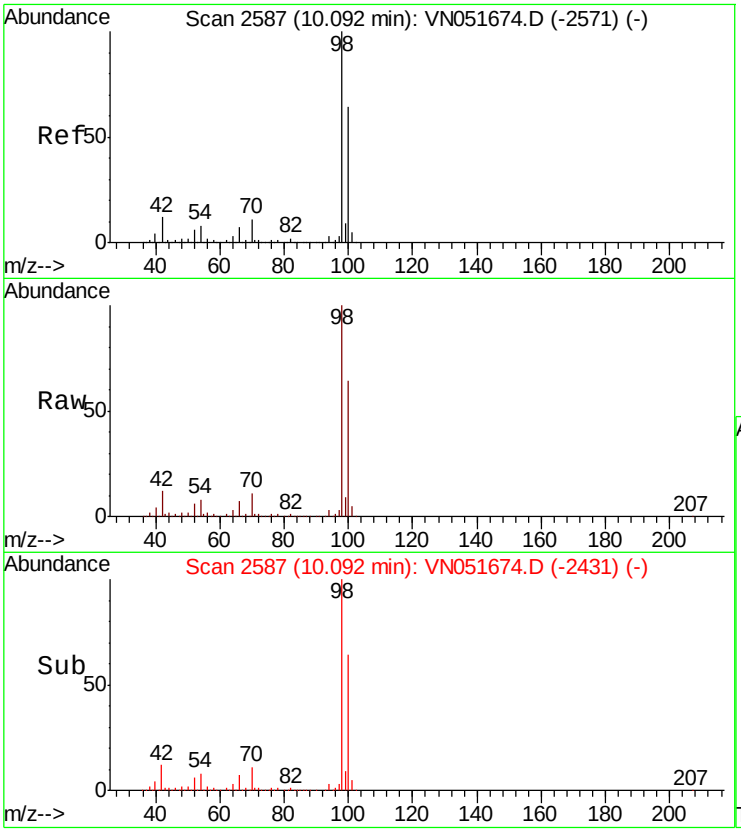


#62
Toluene
Concen: 16.540 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 91 Resp: 554962

Ion	Ratio	Lower	Upper
91	100		
92	56.7	44.6	66.8





#63
Toluene-d8
Concen: 16.540 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 98 Resp: 754202

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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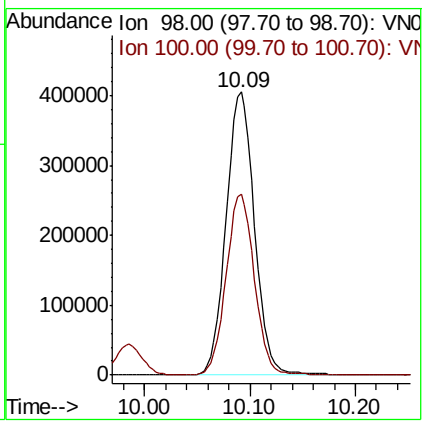
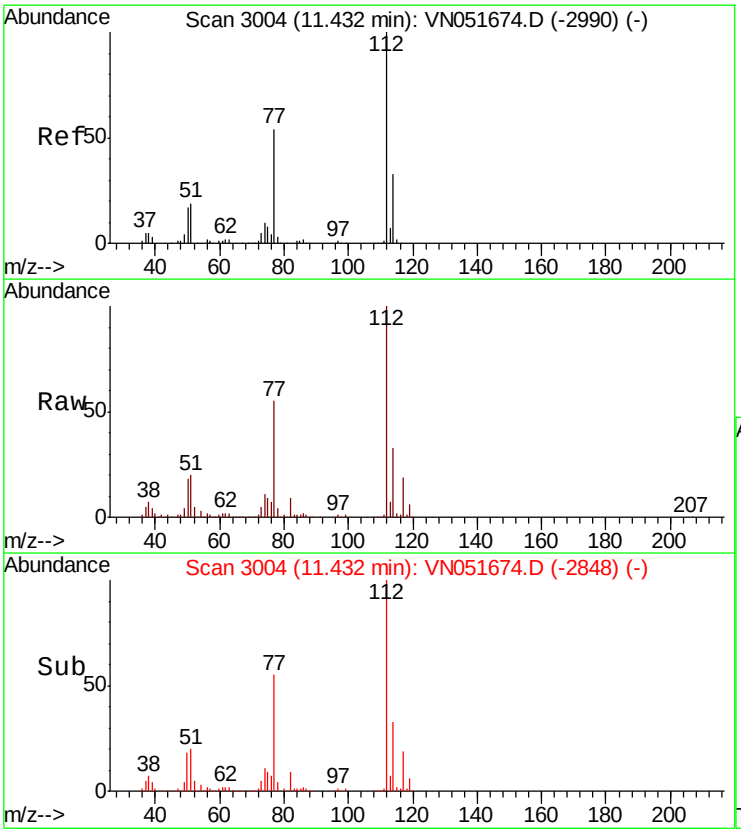
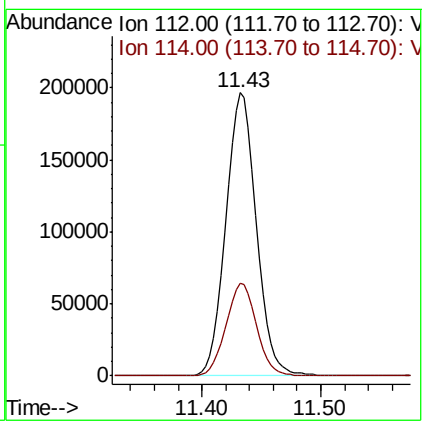


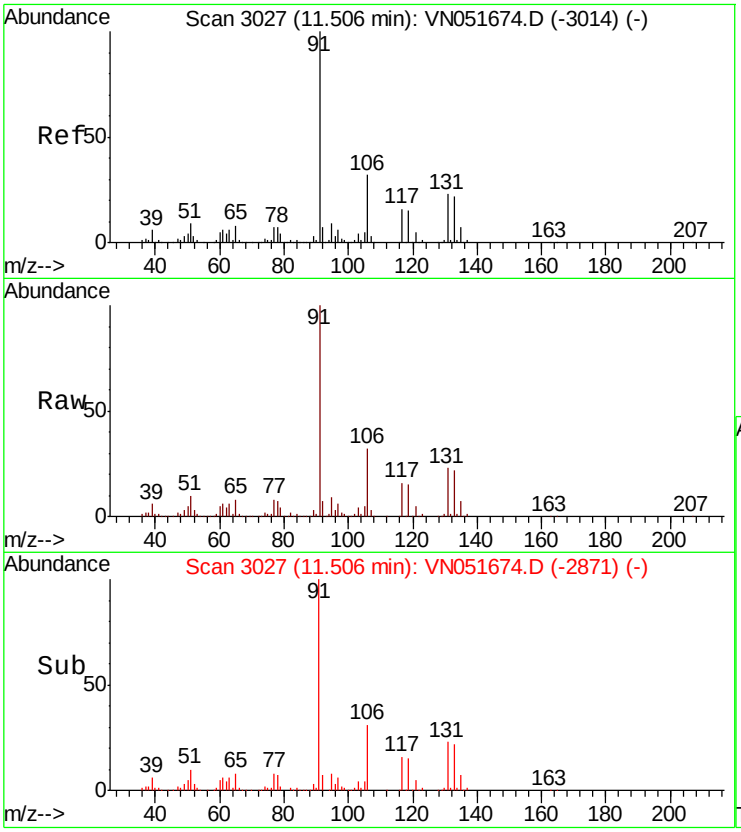


#64
Chlorobenzene
Concen: 16.988 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:112 Resp: 348826

Ion	Ratio	Lower	Upper
112	100		
114	32.8	27.5	41.3

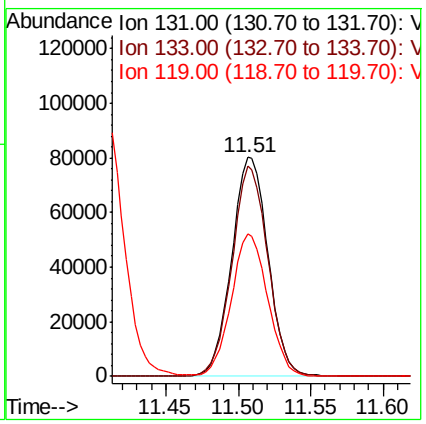




#65
1,1,1,2-Tetrachloroethane
Concen: 17.584 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:131 Resp: 139800

Ion	Ratio	Lower	Upper
131	100		
133	95.1	0.0	190.4
119	65.2	0.0	128.0



Instrument :
MSVOA_N
ClientSampleId :
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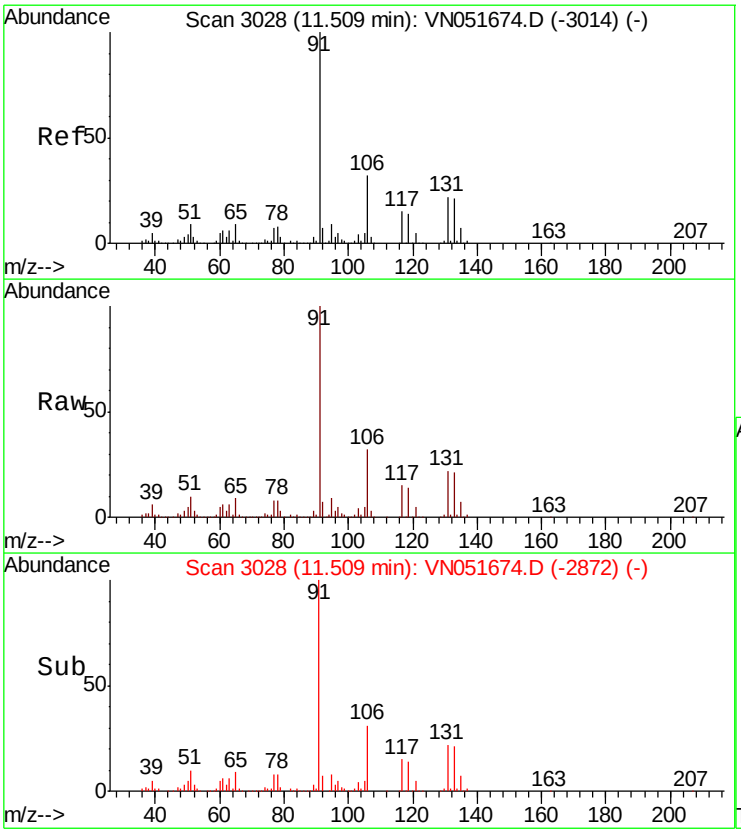
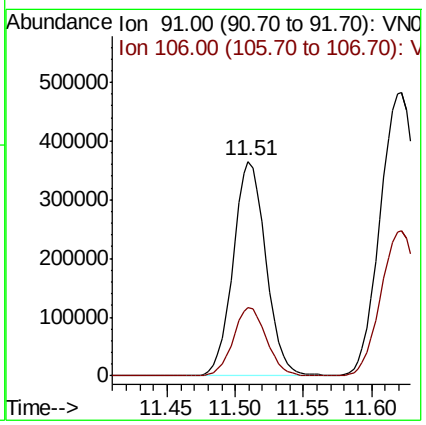
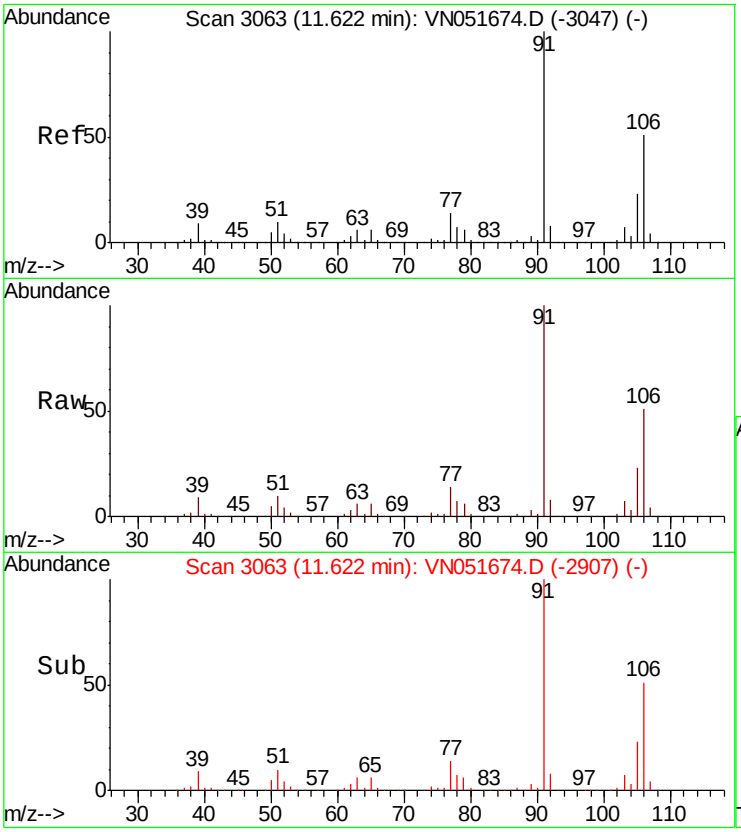


#66
Ethyl Benzene
Concen: 17.669 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 91 Resp: 609233

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9





#67
m/p-Xylenes
Concen: 35.848 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:106 Resp: 480559

Ion	Ratio	Lower	Upper
106	100		
91	197.4	158.8	238.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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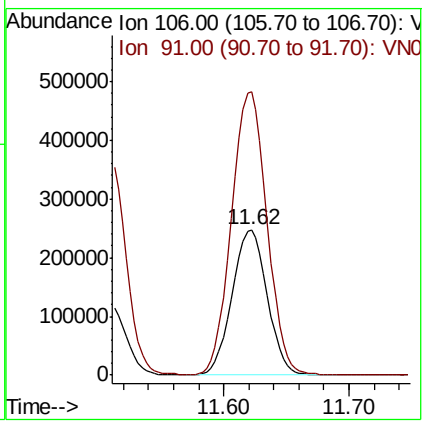
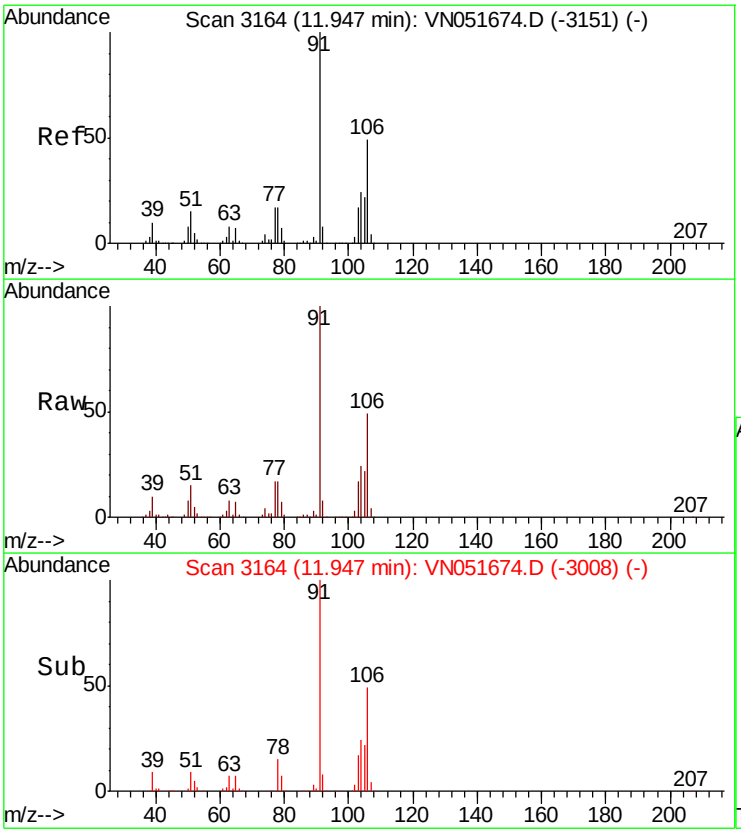
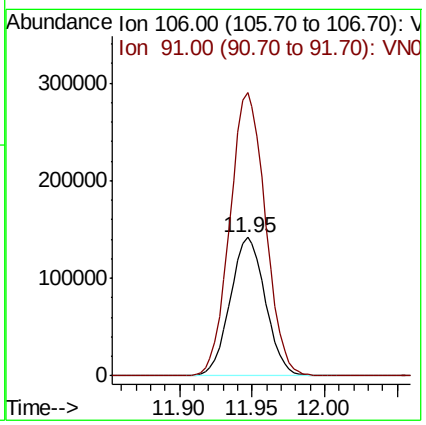


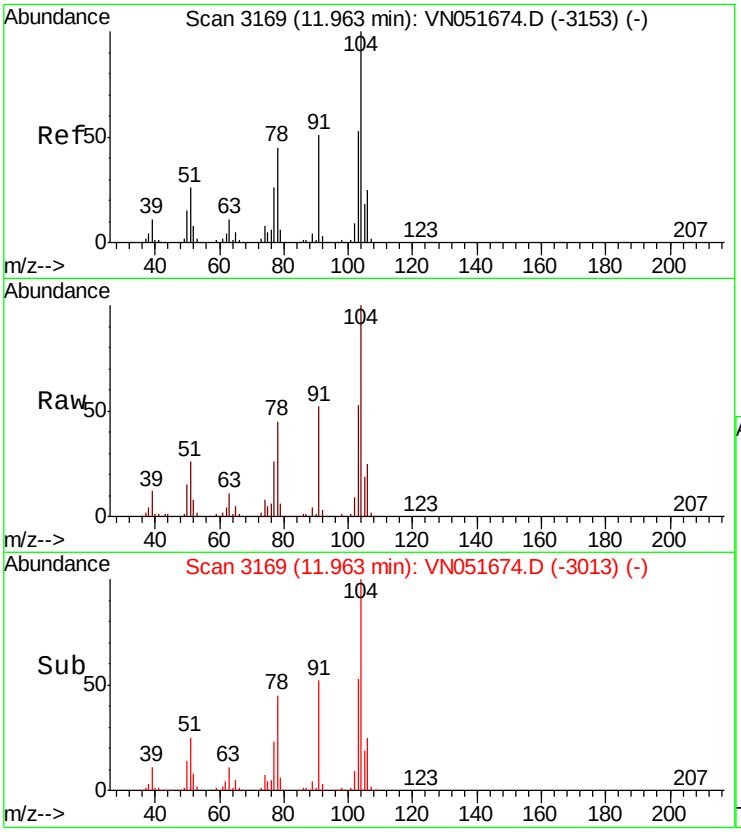


#68
o-Xylene
Concen: 18.736 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:106 Resp: 238694

Ion	Ratio	Lower	Upper
106	100		
91	206.9	111.1	333.3





#69
Stvrene
Concen: 18.119 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:104 Resp: 365564

Ion	Ratio	Lower	Upper
104	100		
78	49.4	40.6	60.8
103	56.4	44.0	66.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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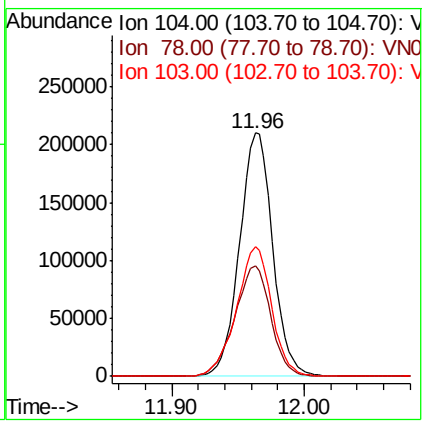
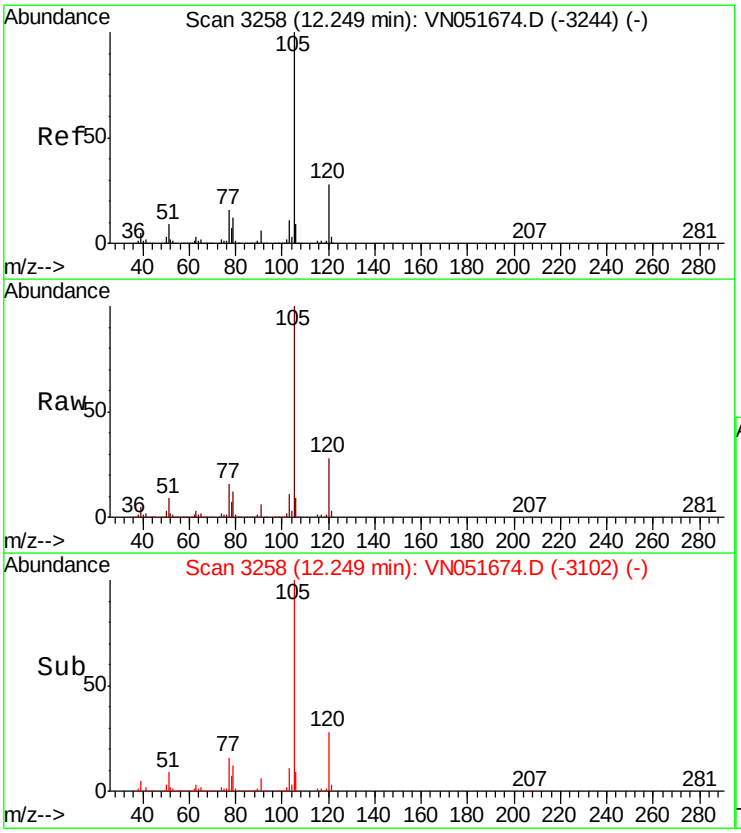
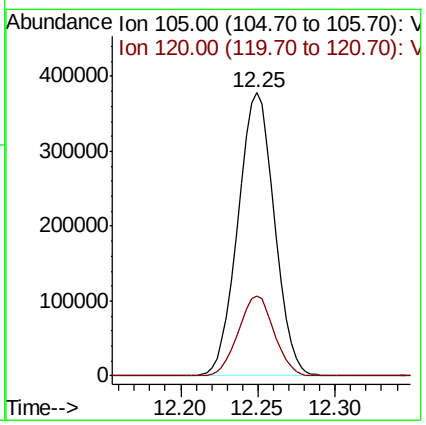


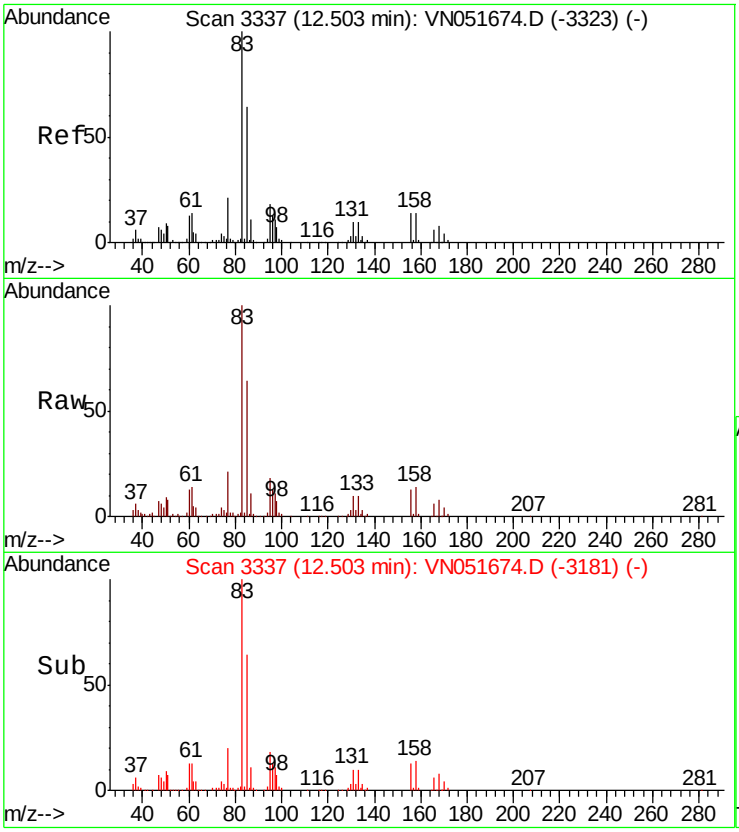


#70
Isopropylbenzene
Concen: 18.200 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:105 Resp: 621528

Ion	Ratio	Lower	Upper
105	100		
120	27.8	19.0	35.4

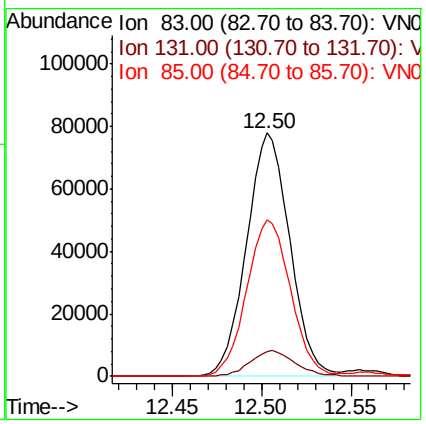




#71
1,1,2,2-Tetrachloroethane
Concen: 16.717 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 83 Resp: 132379

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.0	30.6	91.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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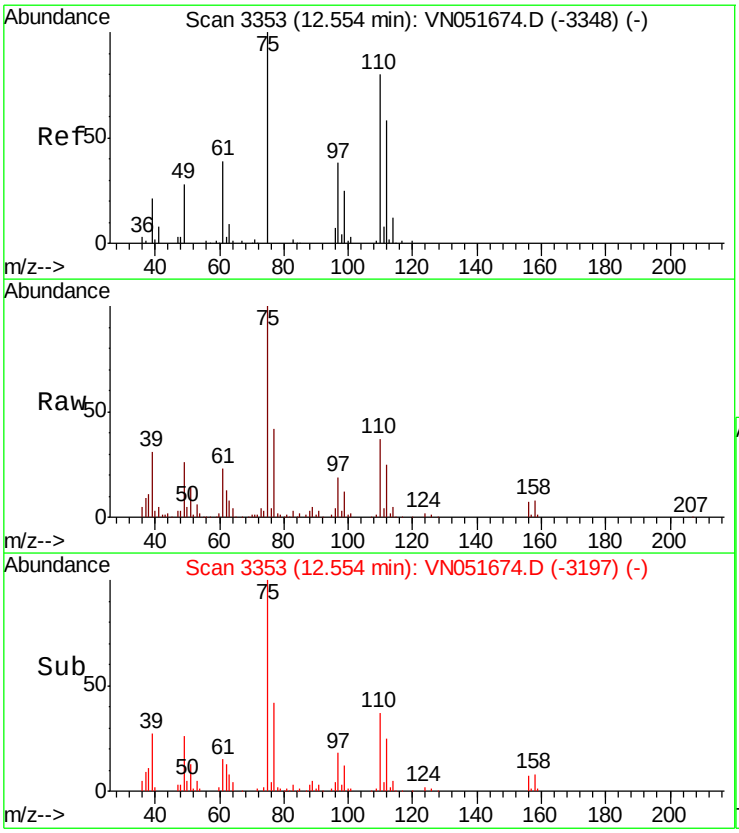
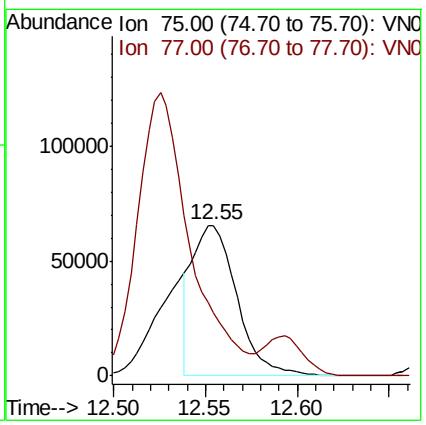
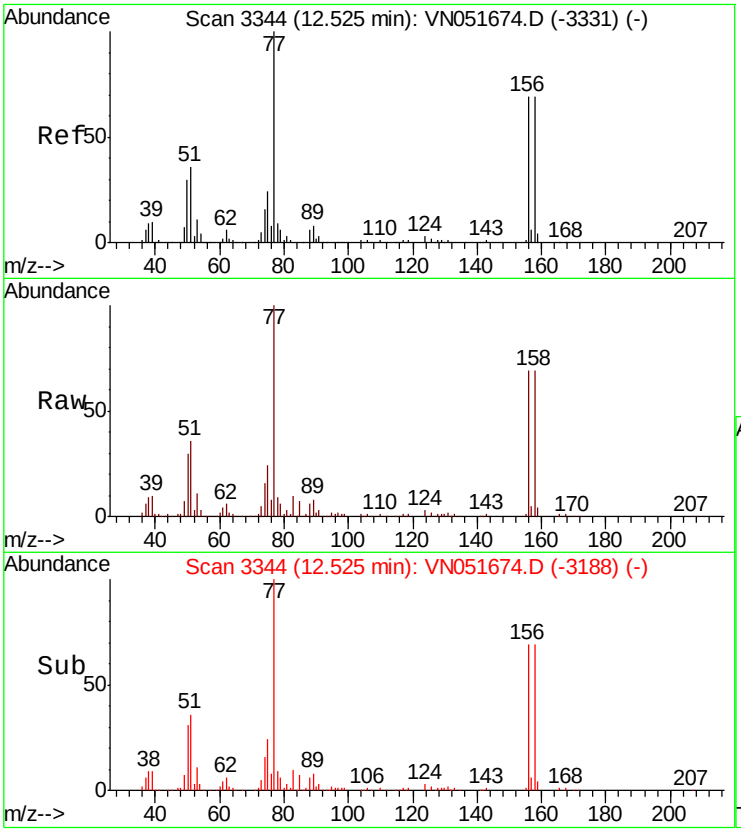


#72
1,2,3-Trichloropropane
Concen: 15.967 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 75 Resp: 109508

Ion	Ratio	Lower	Upper
75	100		
77	224.2	0.0	400.0





#73
Bromobenzene
Concen: 17.058 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:156 Resp: 145431

Ion	Ratio	Lower	Upper
156	100		
77	168.9	0.0	377.4
158	99.4	0.0	203.0

Instrument :
MSVOA_N
ClientSampleId :
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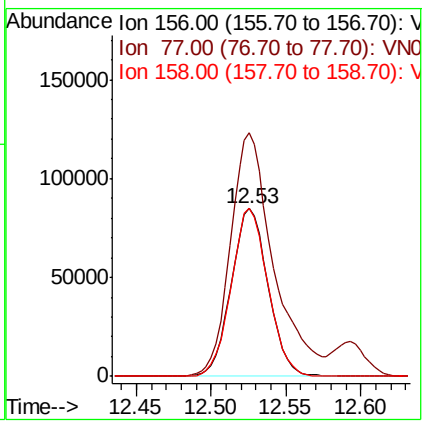
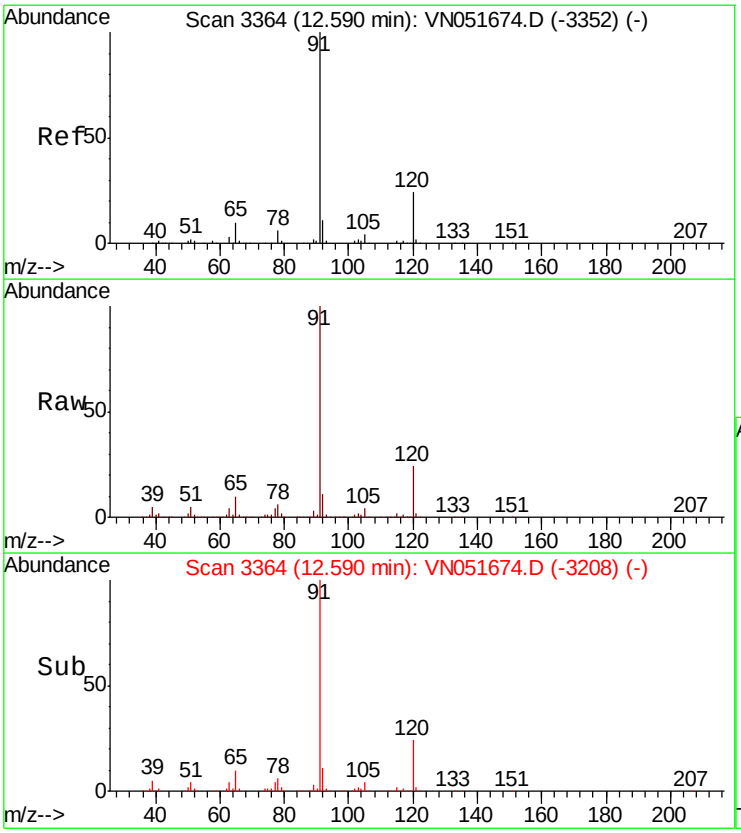
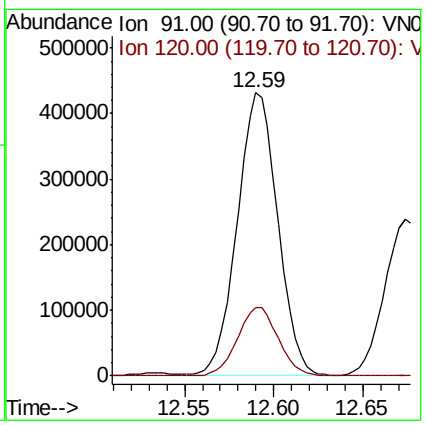


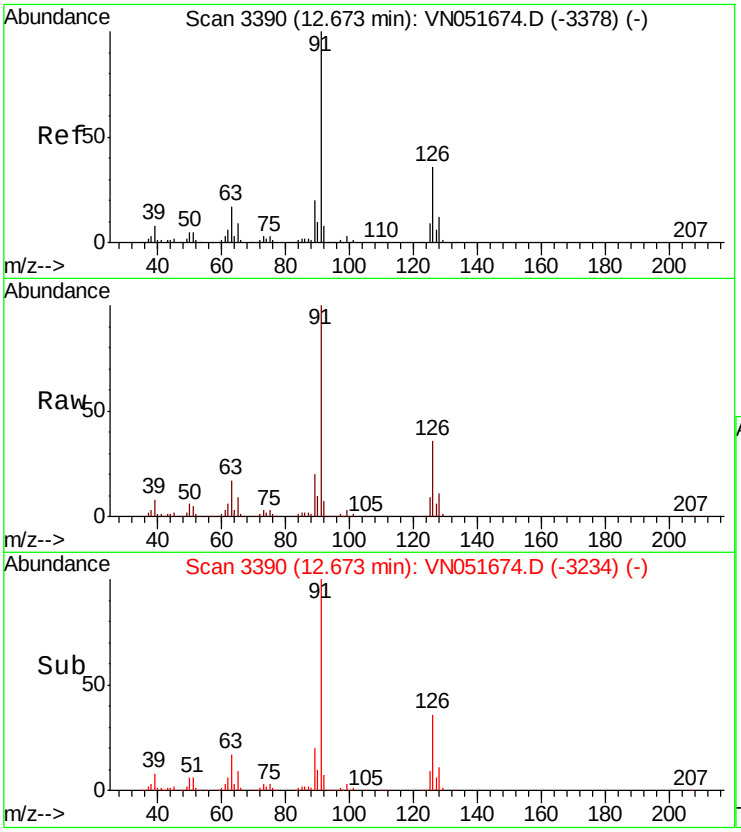


#74
n-propylbenzene
Concen: 17.387 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 91 Resp: 687517

Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	45.0





#75
2-Chlorotoluene
Concen: 17.122 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 91 Resp: 400388

Ion	Ratio	Lower	Upper
91	100		
126	36.5	0.0	67.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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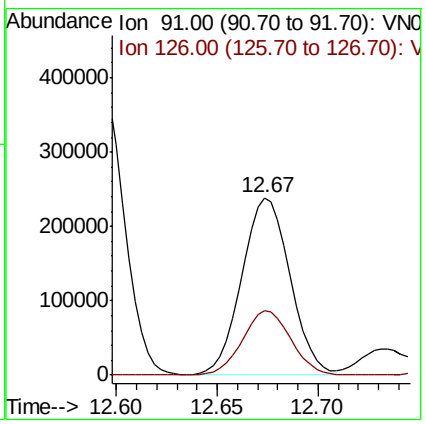
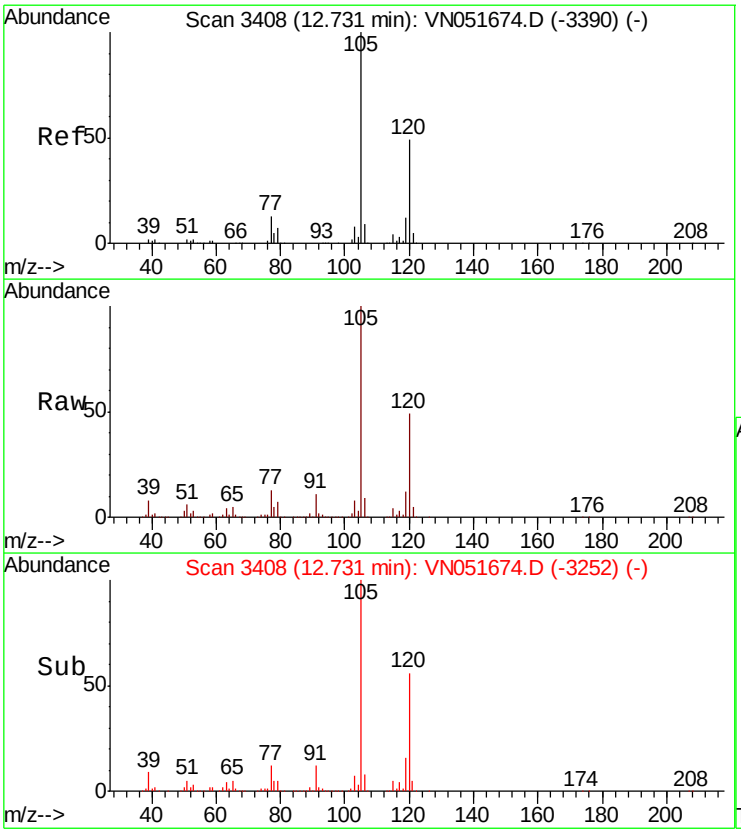
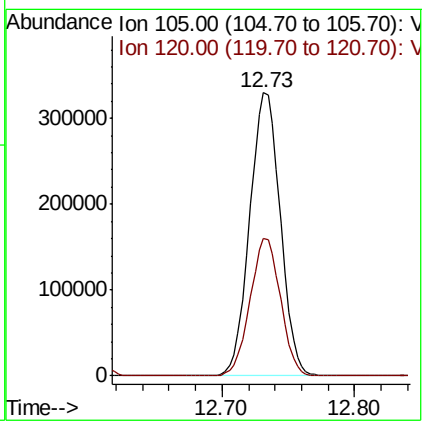


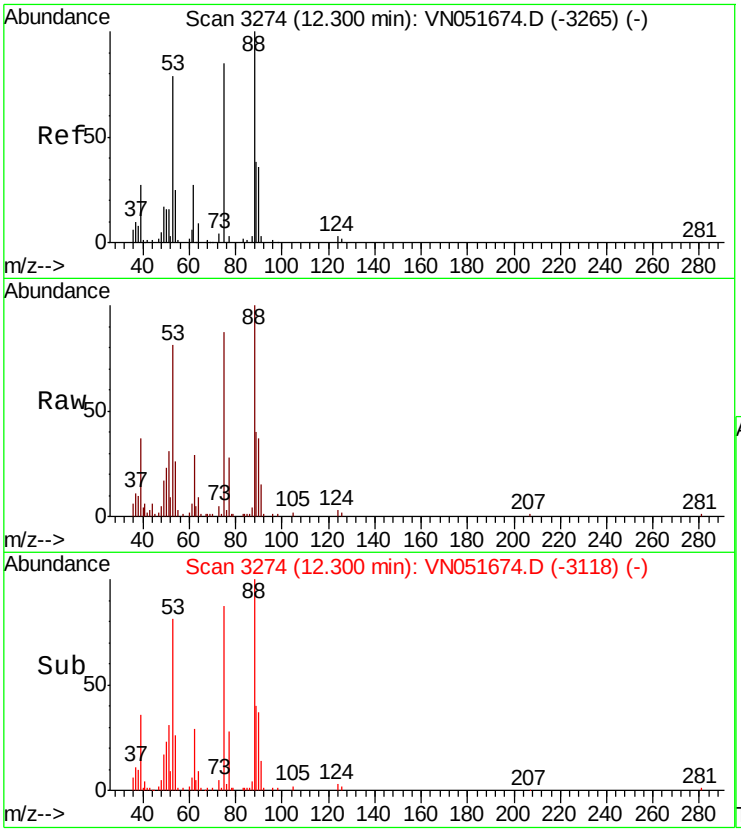


#76
1,3,5-Trimethylbenzene
Concen: 18.719 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:105 Resp: 528757

Ion	Ratio	Lower	Upper
105	100		
120	48.3	0.0	98.2





#77
t-1,4-Dichloro-2-butene
Concen: 17.401 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 75 Resp: 37203

Ion	Ratio	Lower	Upper
75	100		
53	93.0	46.3	138.9
89	47.0	24.6	73.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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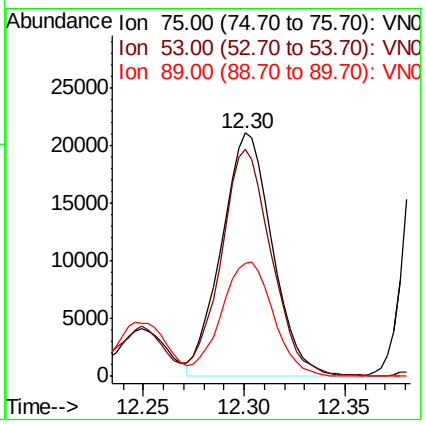
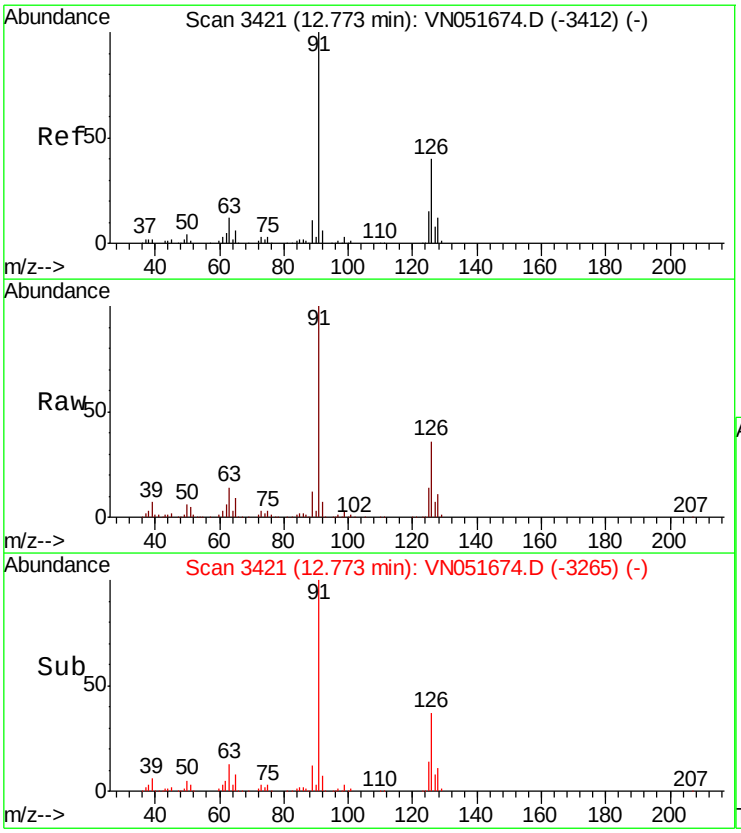
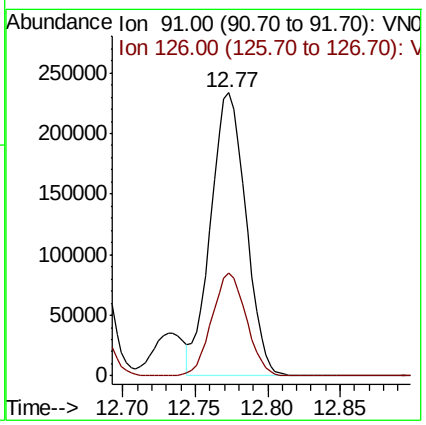


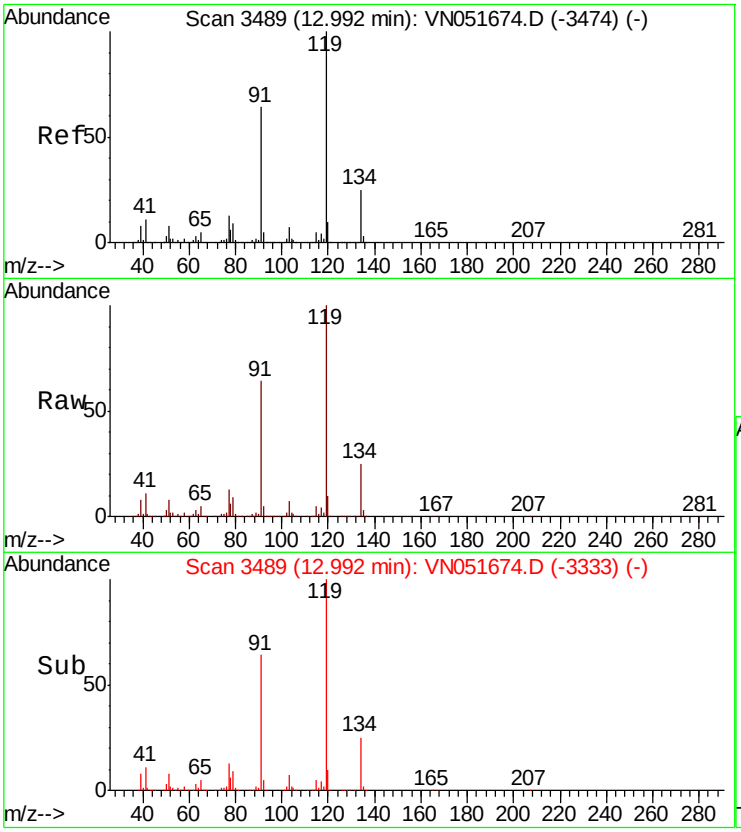


#78
4-Chlorotoluene
Concen: 16.912 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 91 Resp: 392804

Ion	Ratio	Lower	Upper
91	100		
126	35.4	0.0	65.2

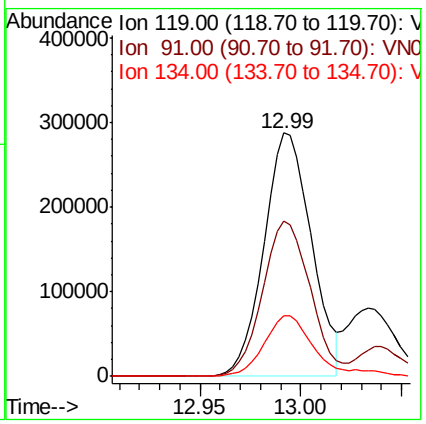




#79
tert-butylbenzene
Concen: 19.246 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:119 Resp: 470875

Ion	Ratio	Lower	Upper
119	100		
91	63.9	0.0	131.6
134	24.9	0.0	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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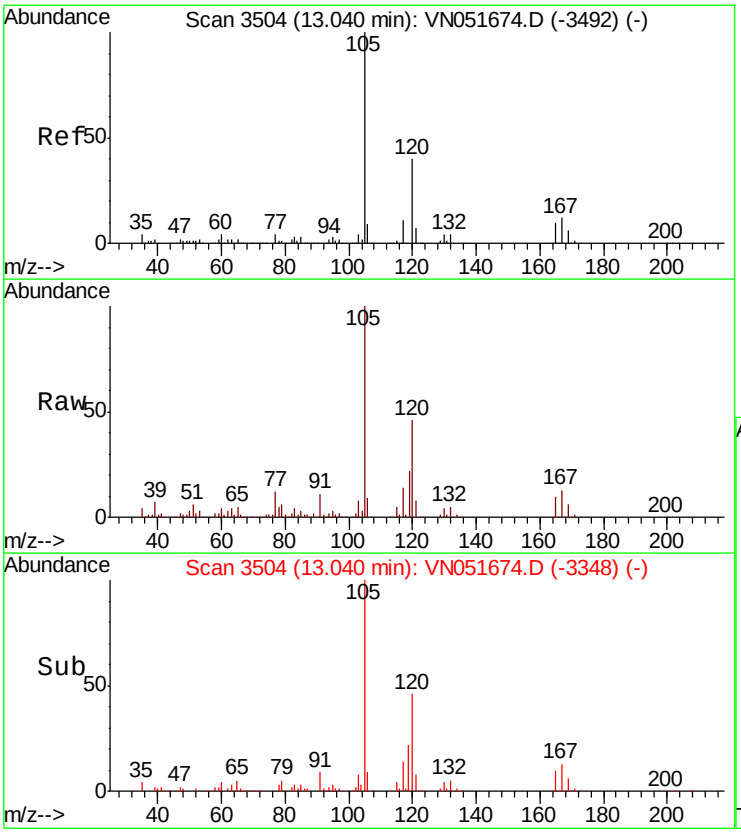
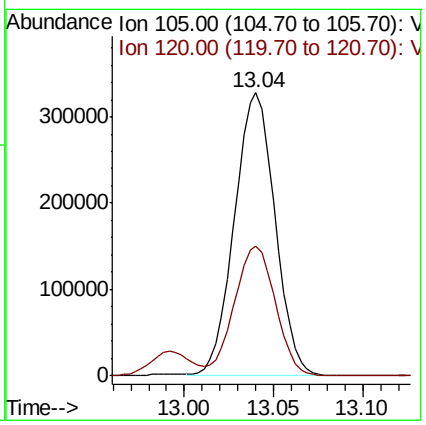
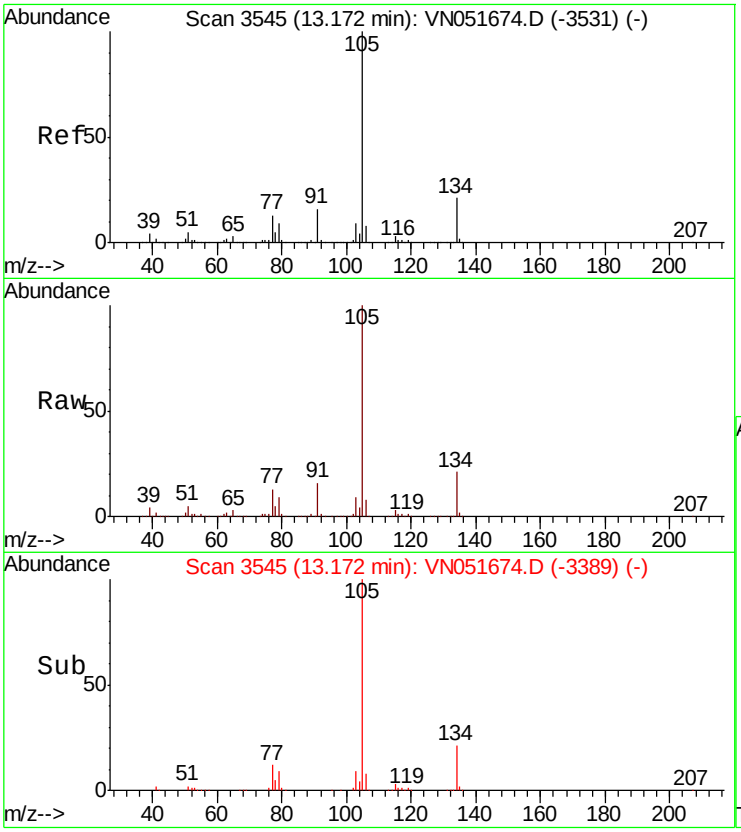


#80
1,2,4-Trimethylbenzene
Concen: 18.275 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:105 Resp: 520657

Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	89.6

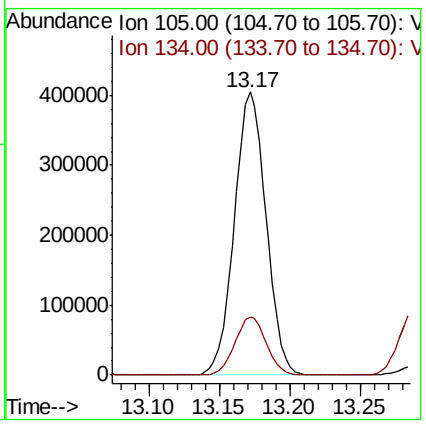




#81
sec-Butylbenzene
Concen: 18.937 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:105 Resp: 638427

Ion	Ratio	Lower	Upper
105	100		
134	20.3	0.0	39.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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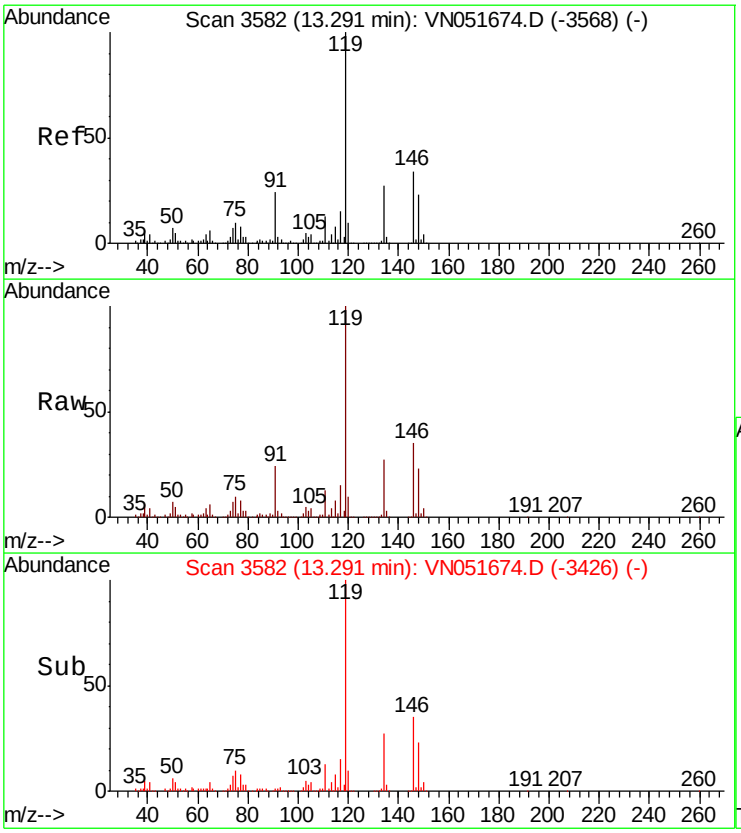
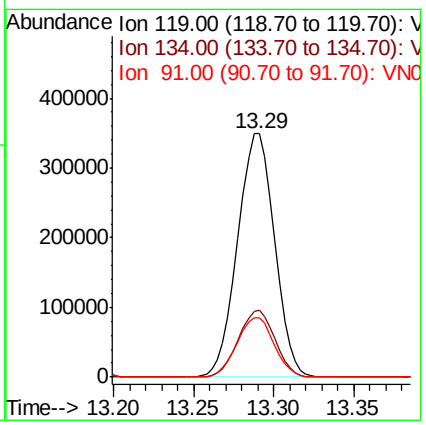
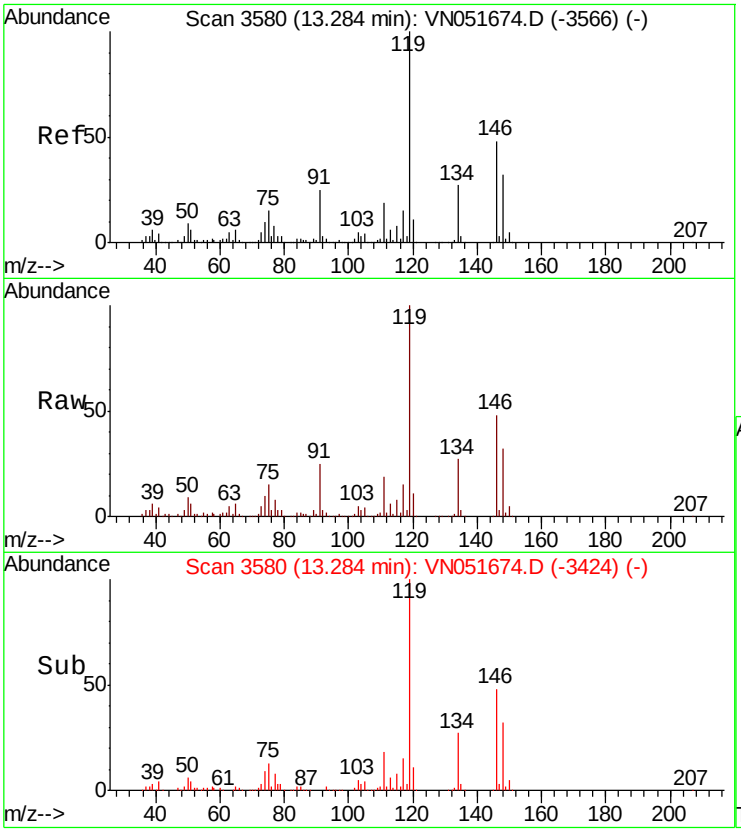


#82
p-Isopropyltoluene
Concen: 18.949 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:119 Resp: 551979

Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	53.6
91	24.5	0.0	52.0

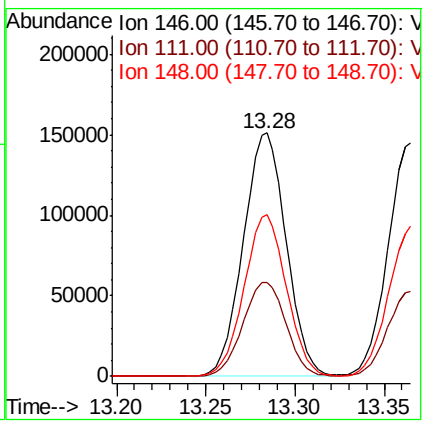




#83
1,3-Dichlorobenzene
Concen: 17.009 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:146 Resp: 254346

Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.1	54.3
148	65.5	31.3	93.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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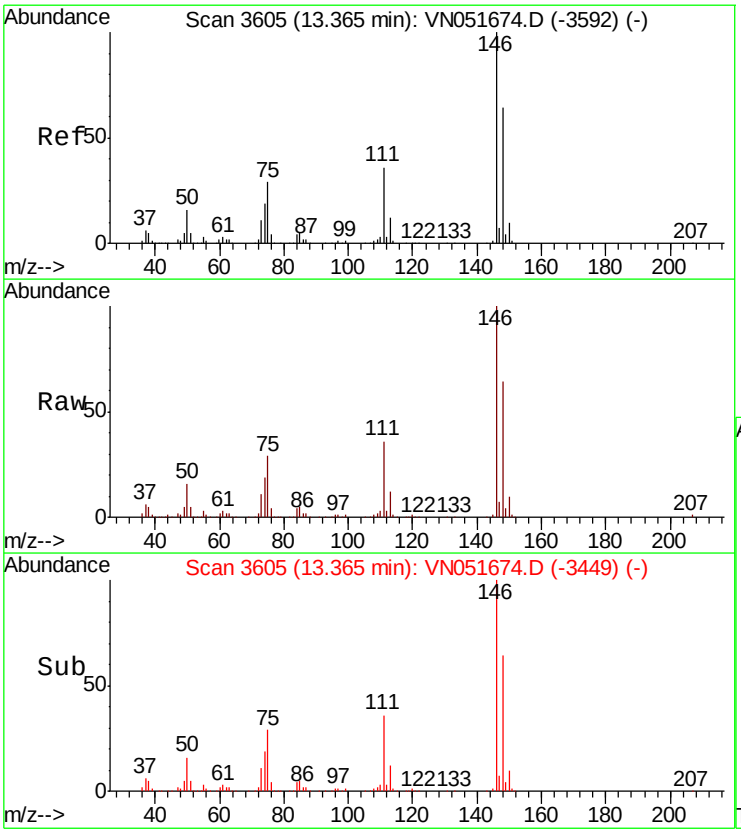
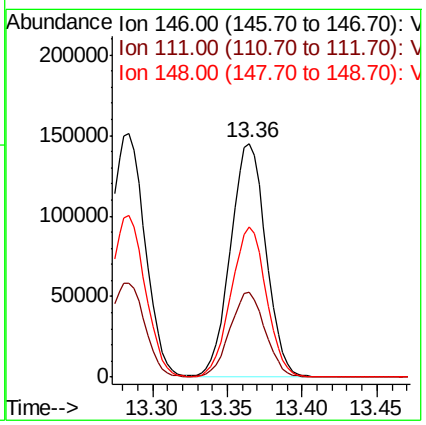
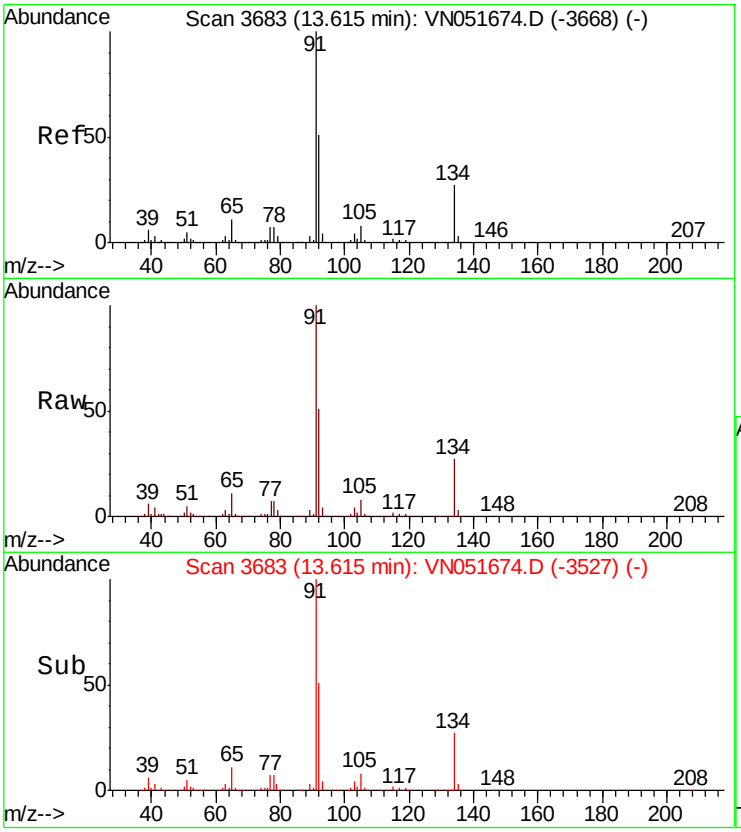


#84
1,4-Dichlorobenzene
Concen: 17.017 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:146 Resp: 239362

Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.4	52.2
148	63.7	32.8	98.3

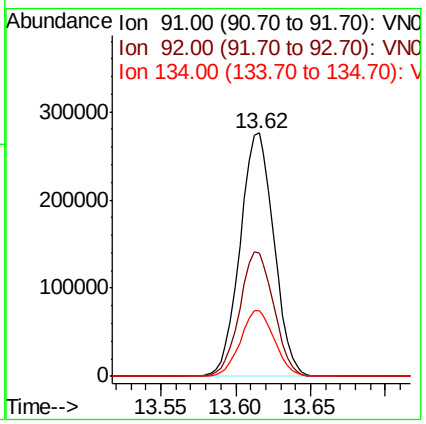




#85
n-Butylbenzene
Concen: 18.401 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 91 Resp: 434307

Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	97.4
134	27.0	0.0	49.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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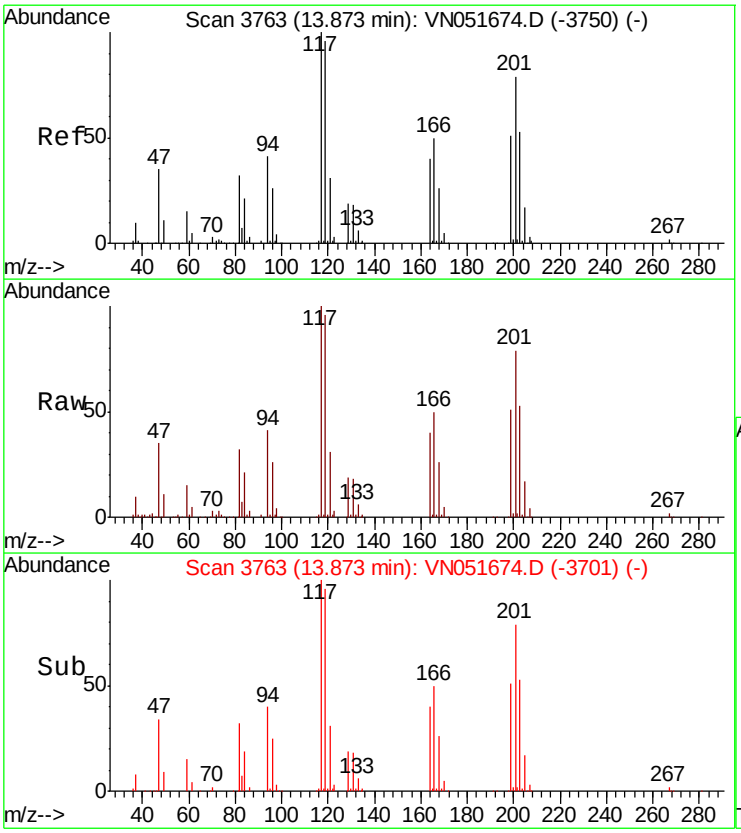
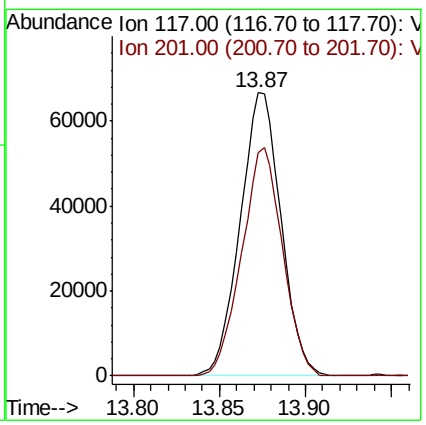
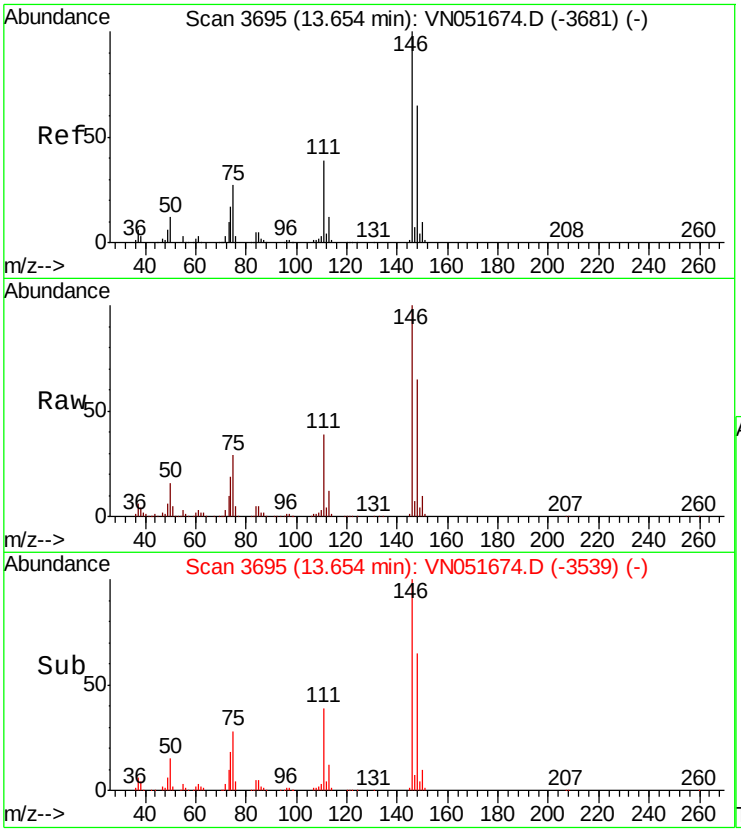


#86
Hexachloroethane
Concen: 18.994 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:117 Resp: 109862

Ion	Ratio	Lower	Upper
117	100		
201	80.5	47.8	143.3

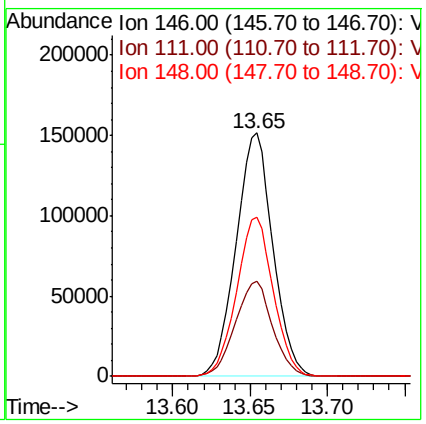




#87
1,2-Dichlorobenzene
Concen: 17.489 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:146 Resp: 250323

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.8	62.2
148	64.8	33.2	99.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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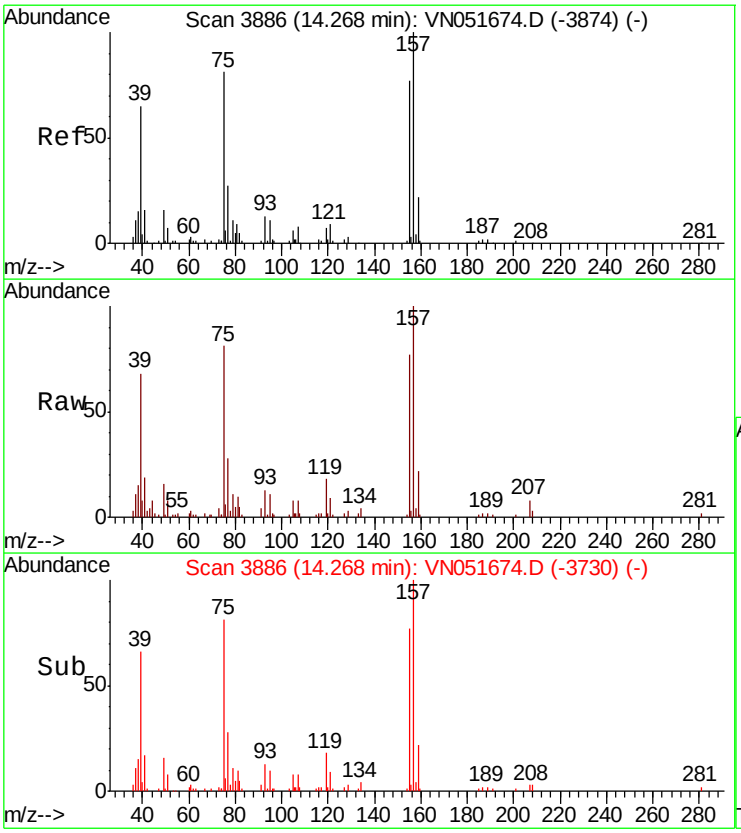
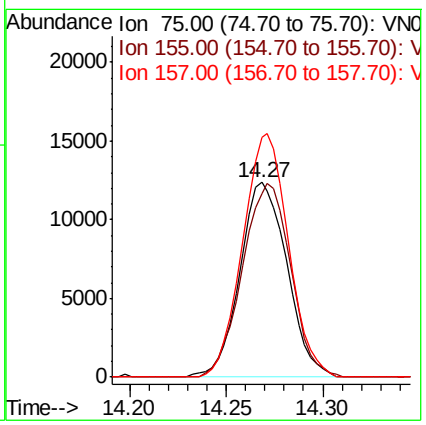
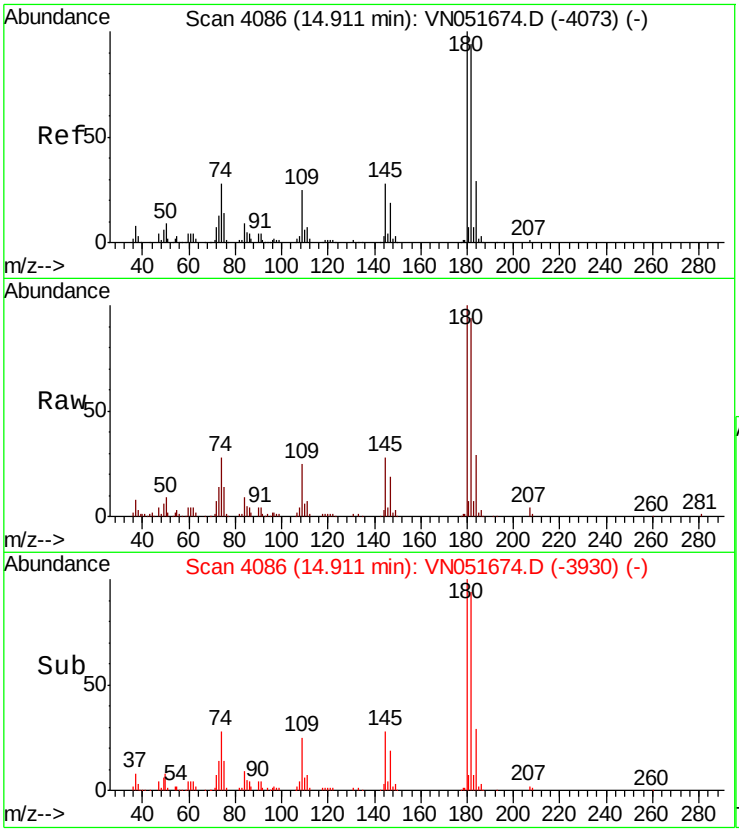


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.109 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion: 75 Resp: 21025

Ion	Ratio	Lower	Upper
75	100		
155	101.8	57.0	85.6#
157	121.1	87.4	131.0

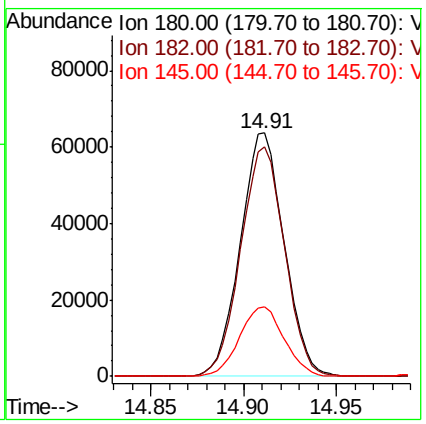




#89
1,2,4-Trichlorobenzene
Concen: 15.080 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:180 Resp: 104379

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.7	116.5
145	29.2	23.4	35.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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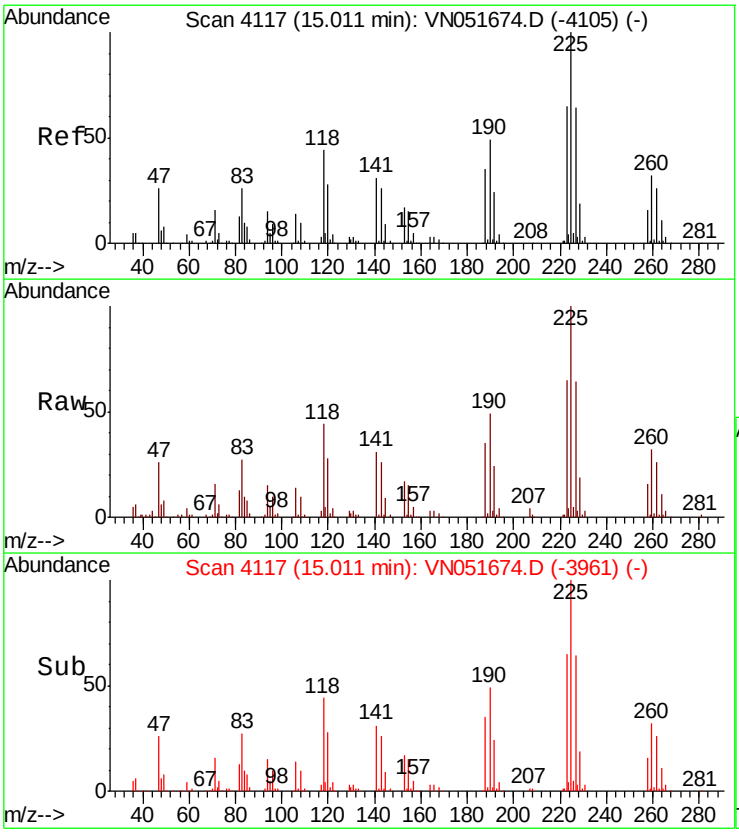
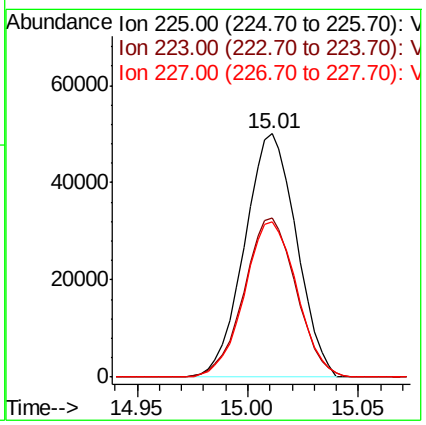
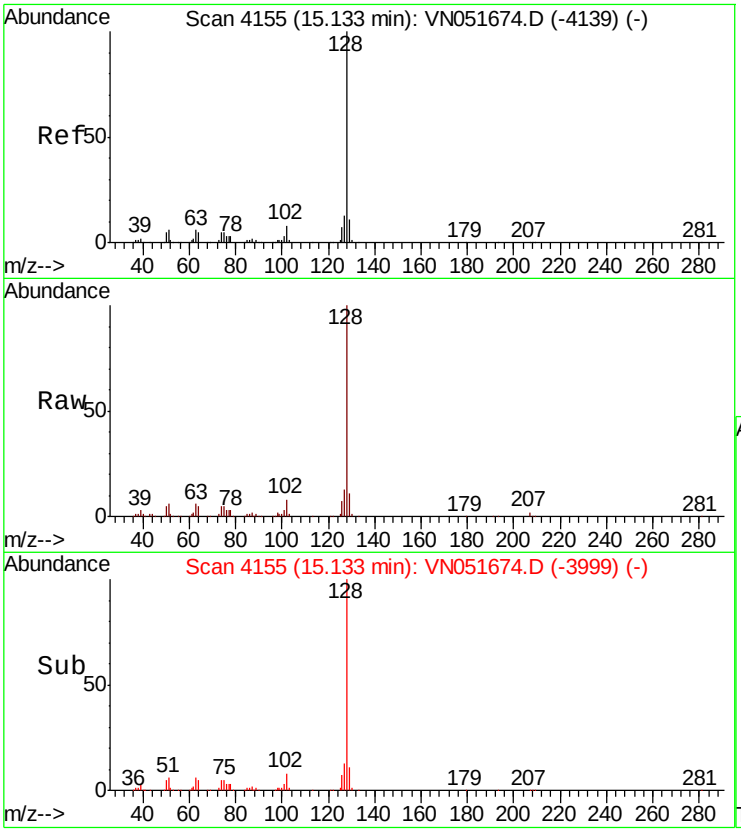


#90
Hexachlorobutadiene
Concen: 14.984 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:225 Resp: 81540

Ion	Ratio	Lower	Upper
225	100		
223	65.5	0.0	117.0
227	64.7	0.0	127.0

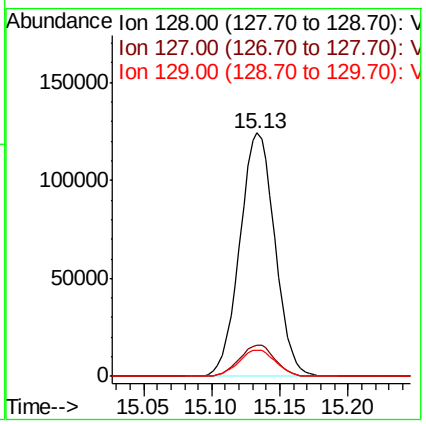




#91
Naphthalene
Concen: 17.457 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

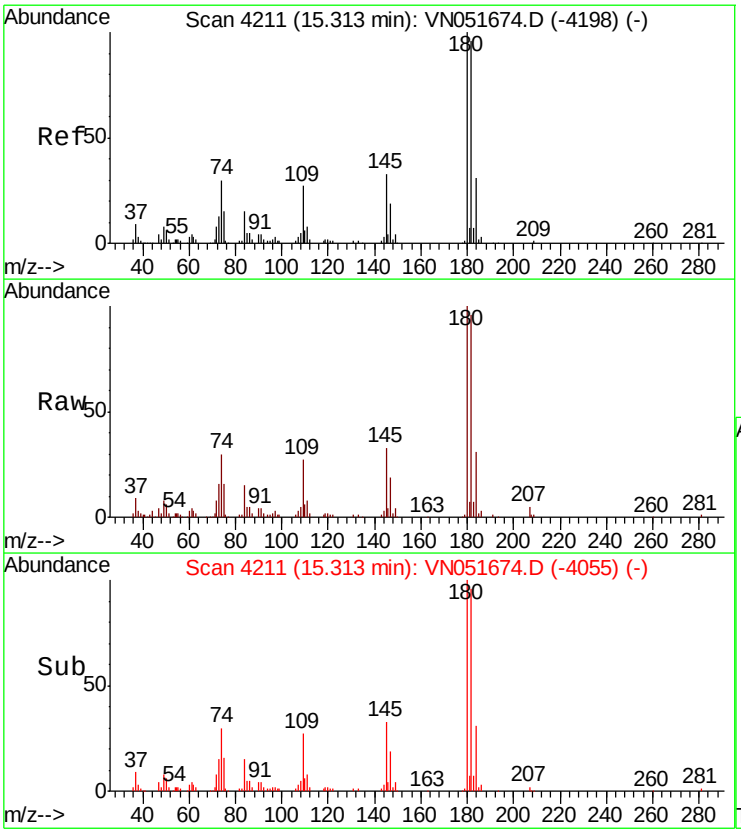
Tgt Ion:128 Resp: 221963

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.2	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED
MMDadoda
10/8/2018 3:58:46 PM



#92
1,2,3-Trichlorobenzene
Concen: 15.440 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051674.D
Acq: 5 Oct 2018 9:36

Tgt Ion:180 Resp: 107755

Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	198.0
145	31.3	0.0	36.8