Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051914.D
Acq On : 18 Oct 2018 14:14
Operator : MD\SY
Sample : VN1018WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
MMDadoda
10/19/2018 4:37:55 PM

Quant Time: Oct 19 07:02:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	156735	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	893972	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	776548	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	281070	29.47	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.23%				
60) 4-Bromofluorobenzene	12.40	95	311644	27.83	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.77%				
63) Toluene-d8	10.09	98	1025080	30.40	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.33%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	126516	20.78	ug/l		99
3) Chloromethane	2.06	50	124525	19.35	ug/l		98
4) Vinyl Chloride	2.19	62	190711	19.84	ug/l		97
5) Bromomethane	2.57	94	166783	19.64	ug/l		91
6) Chloroethane	2.70	64	138511	20.00	ug/l		97
7) Trichlorofluoromethane	3.01	101	296603	21.65	ug/l		96
8) Diethyl Ether	3.41	74	83567	20.95	ug/l		70
9) 1,1,2-Trichlorotrifluoroet	3.76	101	165578	21.22	ug/l	#	39
10) 1,1-Dichloroethene	3.74	96	150501	20.86	ug/l		86
11) Methyl Iodide	3.95	142	195088	18.60	ug/l		90
12) Methyl Acetate	4.33	43	90966	20.30	ug/l	#	87
13) Acrolein	3.61	56	21179	71.74	ug/l		87
14) Acrylonitrile	4.99	53	197586	98.66	ug/l	#	61
15) Acetone	3.82	58	49434	99.85	ug/l		87
16) Carbon Disulfide	4.06	76	339922	17.94	ug/l		97
17) Allyl chloride	4.33	41	155715	18.18	ug/l		78
18) Methylene Chloride	4.55	84	166549	20.64	ug/l		89
19) trans-1,2-Dichloroethene	5.04	96	165654	20.10	ug/l	#	80
20) Diisopropyl ether	5.96	45	370925	19.44	ug/l	#	82
21) 1,1-Dichloroethane	5.85	63	273429	20.51	ug/l	#	98
22) cis-1,2-Dichloroethene	6.83	96	194807	20.13	ug/l	#	81
23) tert-Butyl Alcohol	4.79	59	48890	92.69	ug/l	#	100
24) Methyl tert-Butyl Ether	5.05	73	418216	20.12	ug/l	#	67
25) Chloroform	7.37	83	323471	20.45	ug/l		97
26) Cyclohexane	7.65	56	212225	18.78	ug/l	#	69
29) 1,1-Dichloropropene	7.79	75	224210	19.46	ug/l		94
30) 2-Butanone	6.84	43	221541	91.98	ug/l	#	84
31) 2,2-Dichloropropane	6.83	77	248243	18.31	ug/l	#	76
32) 1,1,1-Trichloroethane	7.57	97	298242	19.52	ug/l		94
33) Carbon Tetrachloride	7.78	117	264647	19.15	ug/l		90
34) Benzene	8.04	78	680175	19.95	ug/l	#	66
35) Methacrylonitrile	7.18	41	45992m	14.53	ug/l		
36) 1,2-Dichloroethane	8.13	62	216386	19.81	ug/l		96
37) Trichloroethene	8.84	130	211106	19.95	ug/l		95
38) Methylcyclohexane	9.08	83	276786	18.73	ug/l		79
39) 1,2-Dichloropropane	9.12	63	158075	19.69	ug/l		95
40) Dibromomethane	9.21	93	117895	19.79	ug/l		93

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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10/19/2018 4:37:55 PM

Quant Time: Oct 19 07:02:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	9.40	83	238255	19.36 ug/l		94
42) Vinyl Acetate	5.90	43	1244279	91.77 ug/l	#	89
43) Ethyl Acetate	6.93	43	102873	19.67 ug/l		99
44) Isopropyl Acetate	8.17	43	195634	18.73 ug/l		95
45) 1,4-Dioxane	9.20	88	32209	384.01 ug/l	#	75
46) Methyl methacrylate	9.20	41	89231	18.52 ug/l		70
47) n-amyl Acetate	12.07	43	140971	16.12 ug/l	#	74
48) t-1,3-Dichloropropene	10.38	75	207223	17.27 ug/l		99
49) cis-1,3-Dichloropropene	9.84	75	247505	18.71 ug/l		96
50) 1,1,2-Trichloroethane	10.56	97	164093	19.93 ug/l		94
51) Ethyl methacrylate	10.43	69	172504	18.30 ug/l		83
52) 1,3-Dichloropropane	10.71	76	253486	19.95 ug/l		98
53) Dibromochloromethane	10.90	129	182936	17.96 ug/l		98
54) 1,2-Dibromoethane	11.01	107	167955	19.44 ug/l		99
55) 2-Chloroethyl vinyl ether	9.70	63	358473	88.98 ug/l	#	91
56) Bromoform	12.13	173	112707	16.78 ug/l	#	91
58) 4-Methyl-2-Pentanone	9.99	43	513959	98.90 ug/l	#	86
59) 2-Hexanone	10.75	43	317819	90.65 ug/l	#	89
61) Tetrachloroethene	10.63	164	212701	21.42 ug/l		96
62) Toluene	10.16	91	786945	20.40 ug/l		97
64) Chlorobenzene	11.43	112	513037	20.31 ug/l		96
65) 1,1,1,2-Tetrachloroethane	11.51	131	194620	20.07 ug/l		99
66) Ethyl Benzene	11.51	91	852347	19.99 ug/l		99
67) m/p-Xylenes	11.62	106	676474	39.14 ug/l		98
68) o-Xylene	11.95	106	332366	19.50 ug/l		92
69) Styrene	11.96	104	498540	19.07 ug/l		96
70) Isopropylbenzene	12.25	105	898804	19.78 ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.50	83	179548	20.01 ug/l		95
72) 1,2,3-Trichloropropane	12.55	75	146068m	20.69 ug/l		
73) Bromobenzene	12.53	156	219805	19.53 ug/l		80
74) n-propylbenzene	12.59	91	940841	19.25 ug/l		95
75) 2-Chlorotoluene	12.67	91	559110	19.51 ug/l		94
76) 1,3,5-Trimethylbenzene	12.73	105	740157	19.70 ug/l		100
77) t-1,4-Dichloro-2-butene	12.30	75	35283	15.11 ug/l		99
78) 4-Chlorotoluene	12.77	91	527421	18.73 ug/l		92
79) tert-butylbenzene	12.99	119	681972	19.73 ug/l		95
80) 1,2,4-Trimethylbenzene	13.04	105	728520	19.40 ug/l		98
81) sec-Butylbenzene	13.17	105	882259	19.52 ug/l		98
82) p-Isopropyltoluene	13.29	119	746884	18.46 ug/l		96
83) 1,3-Dichlorobenzene	13.28	146	361889	18.22 ug/l		99
84) 1,4-Dichlorobenzene	13.36	146	339694	18.17 ug/l		97
85) n-Butylbenzene	13.61	91	529929	17.37 ug/l		95
86) Hexachloroethane	13.87	117	121551	17.43 ug/l		90
87) 1,2-Dichlorobenzene	13.65	146	363493	18.90 ug/l		96
88) 1,2-Dibromo-3-Chloropropan	14.27	75	23568	17.59 ug/l	#	70
89) 1,2,4-Trichlorobenzene	14.91	180	127696	17.79 ug/l		97
90) Hexachlorobutadiene	15.01	225	114832	18.53 ug/l		96
91) Naphthalene	15.13	128	246666	17.91 ug/l		99
92) 1,2,3-Trichlorobenzene	15.31	180	138358	15.82 ug/l		94

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051914.D
Acq On : 18 Oct 2018 14:14
Operator : MD\SY
Sample : VN1018WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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10/19/2018 4:37:55 PM

Quant Time: Oct 19 07:02:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051914.D
Acq On : 18 Oct 2018 14:14
Operator : MD\SY
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Quant Time: Oct 19 07:02:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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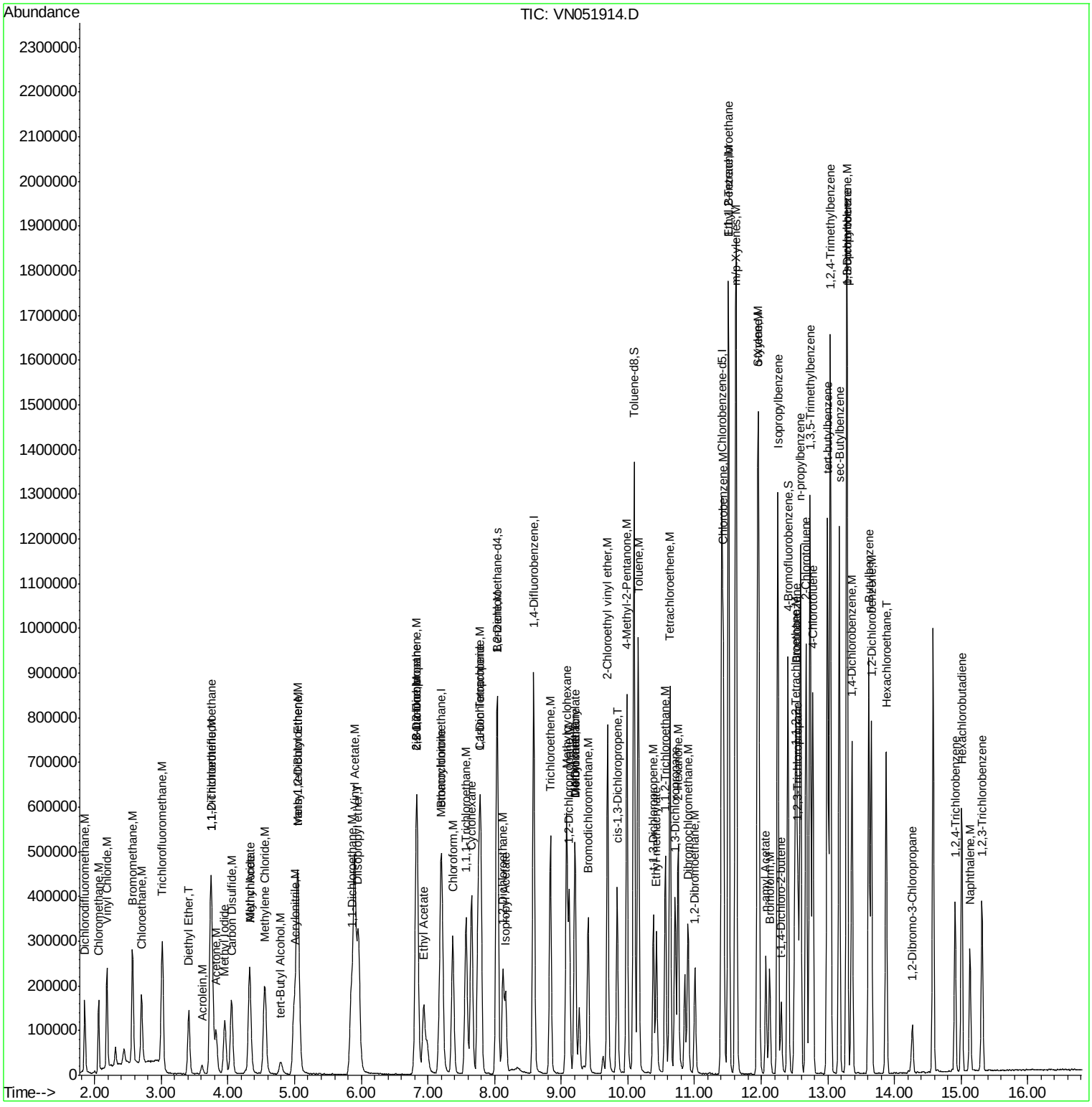
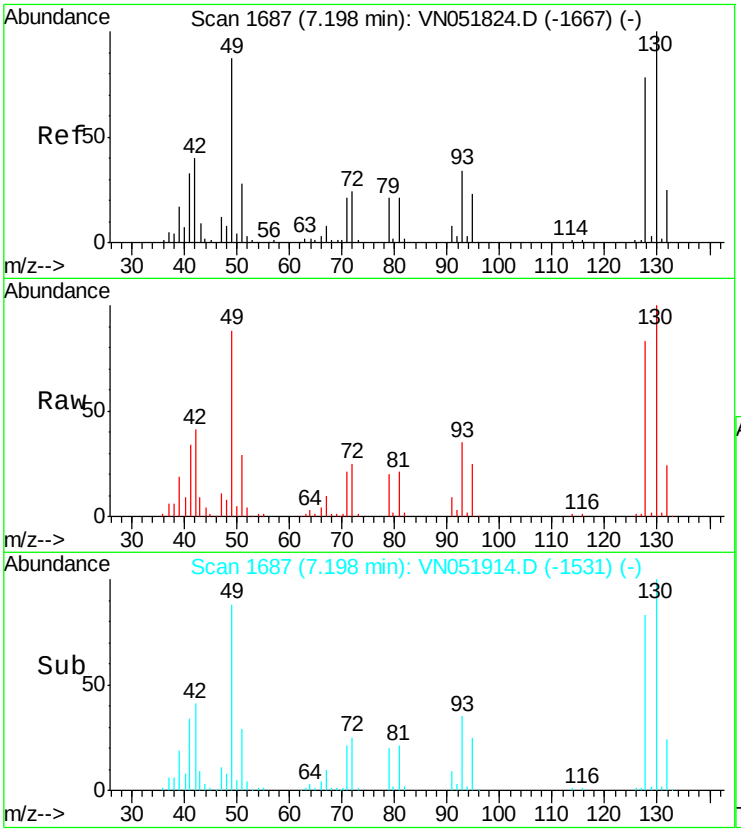
10/19/2018 4:37:55 PM

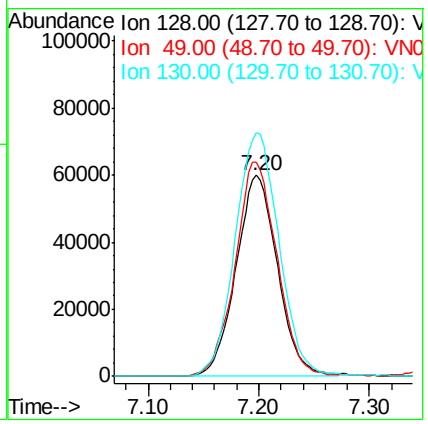




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:128 Resp: 156735

Ion	Ratio	Lower	Upper
128	100		
49	107.1	0.0	403.3
130	127.4	0.0	326.0



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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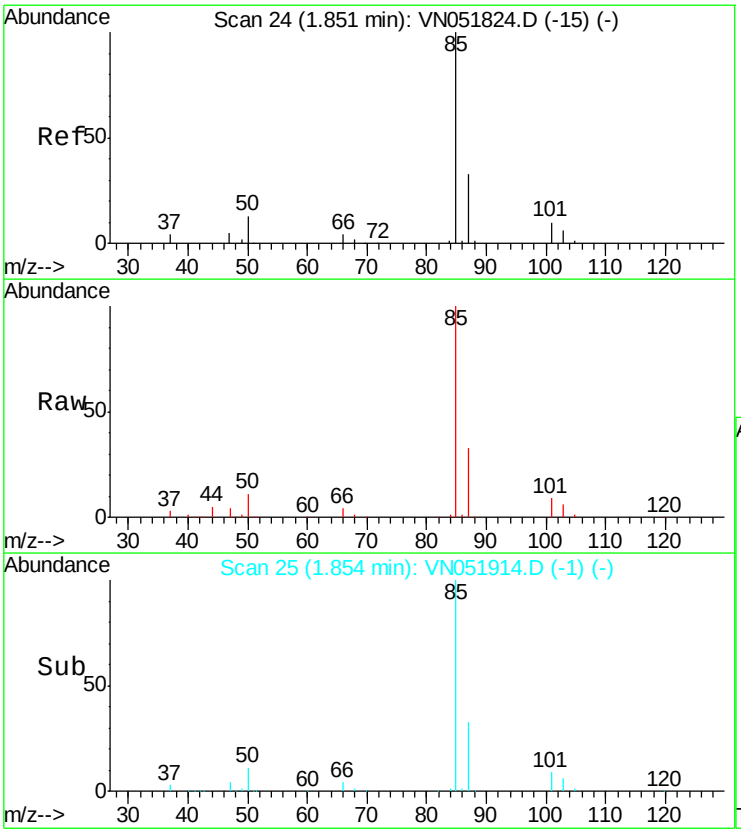
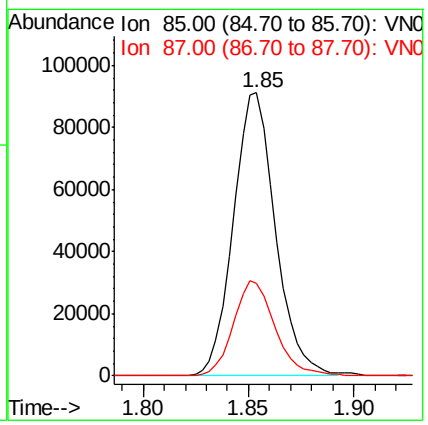
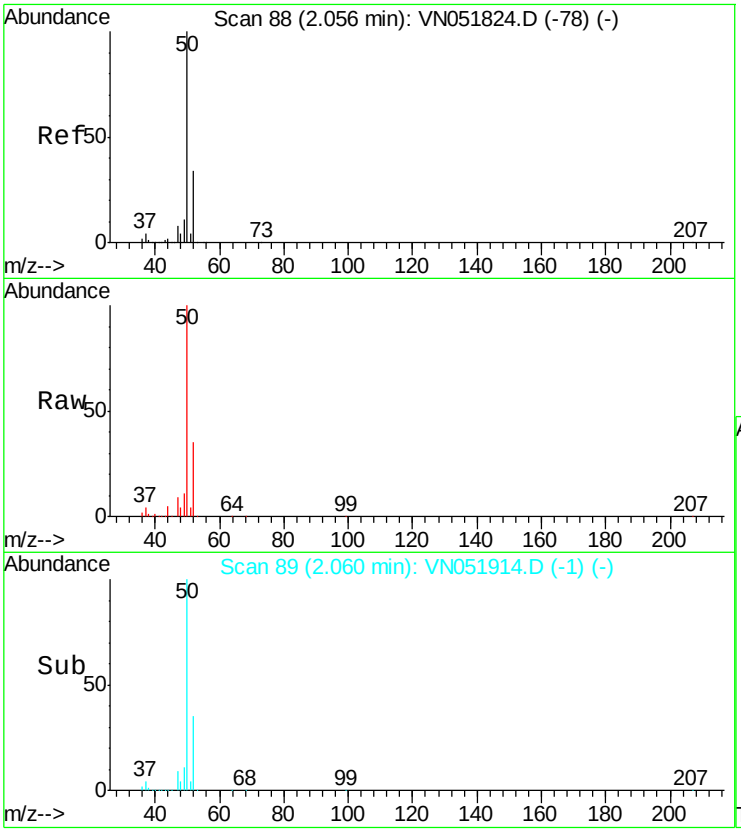


#2
Dichlorodifluoromethane
Concen: 20.78 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 85 Resp: 126516

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.8

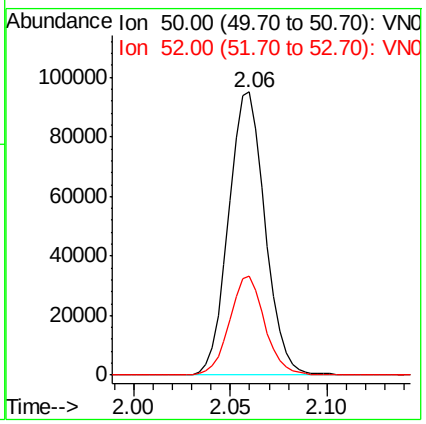




#3
Chloromethane
Concen: 19.35 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 50 Resp: 124525

Ion	Ratio	Lower	Upper
50	100		
52	35.1	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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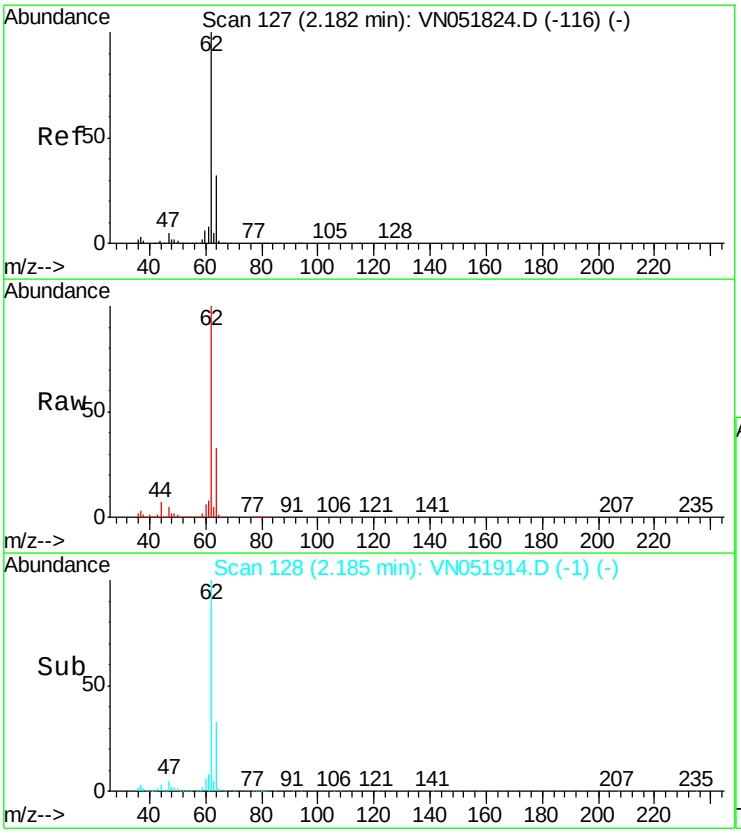
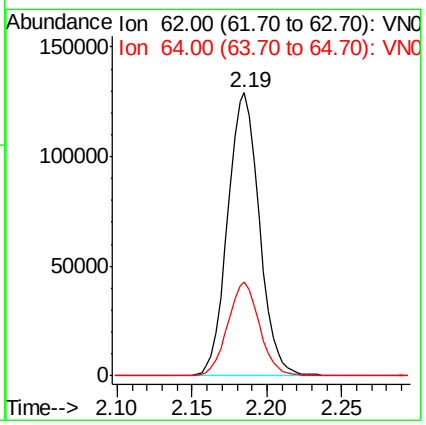
10/19/2018 4:37:55 PM

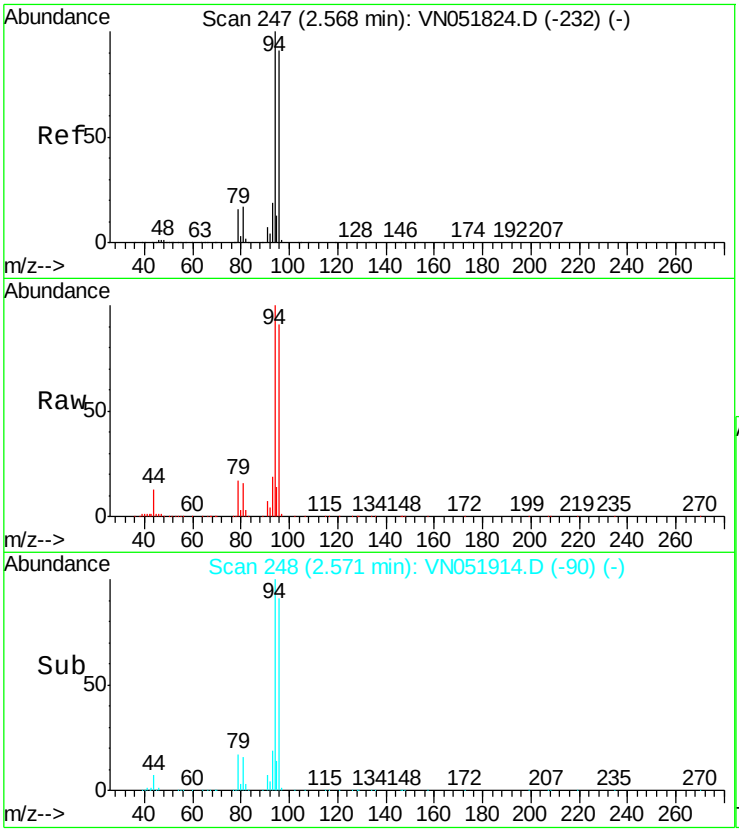


#4
Vinyl Chloride
Concen: 19.84 ug/l
RT: 2.19 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 62 Resp: 190711

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.4	38.2

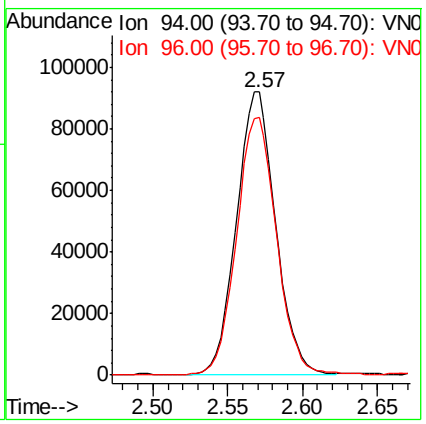




#5
Bromomethane
Concen: 19.64 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 94 Resp: 166783

Ion	Ratio	Lower	Upper
94	100		
96	90.8	66.4	99.6



Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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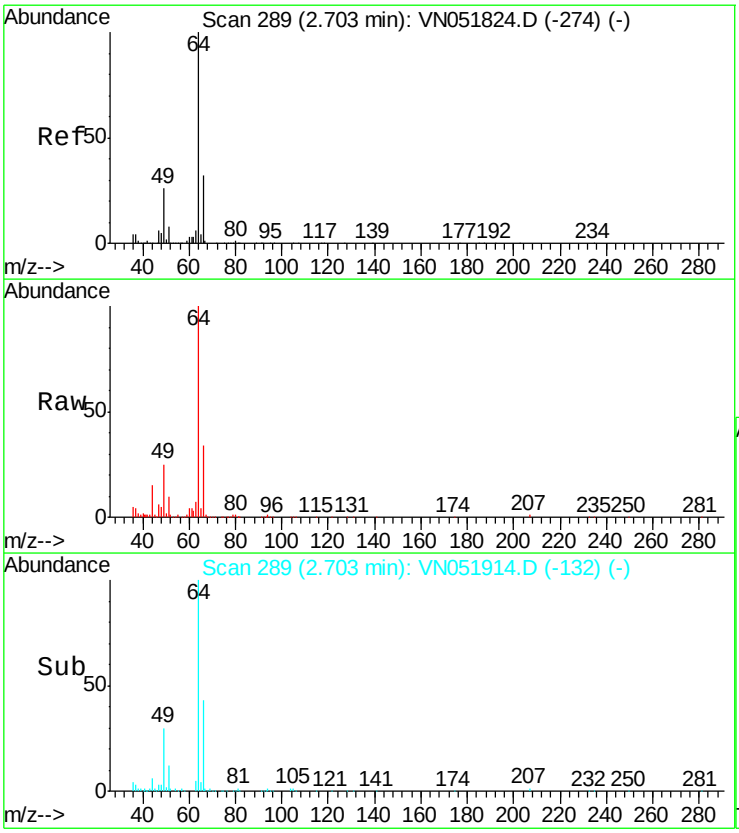
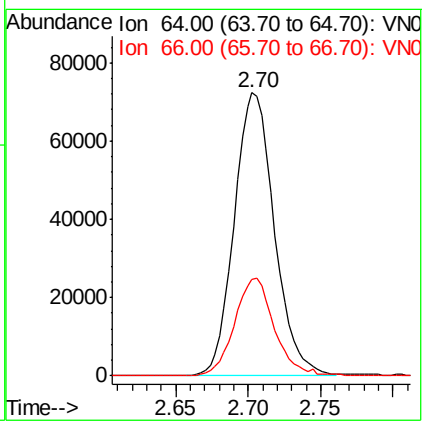
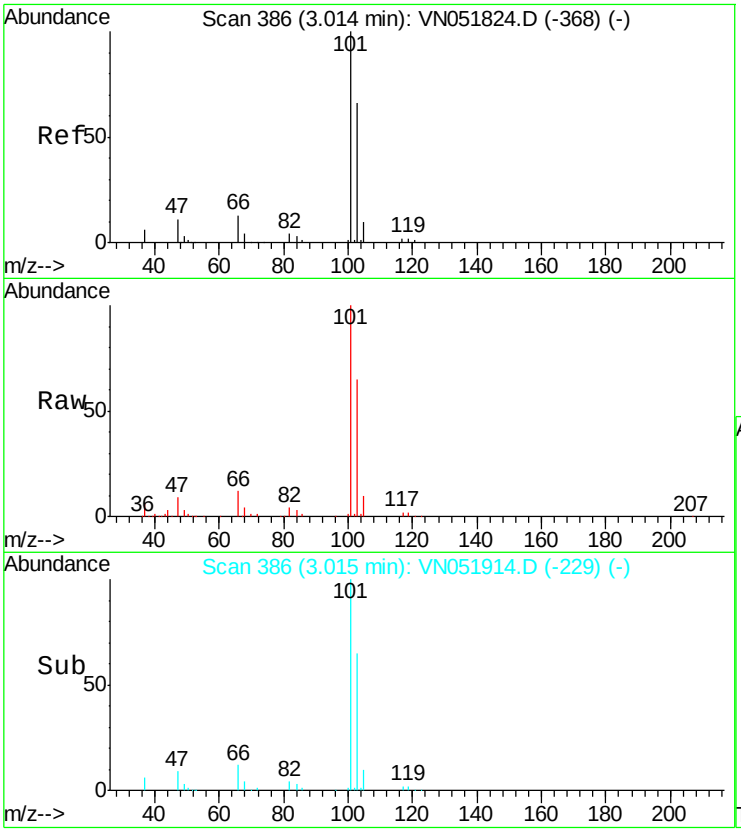


#6
Chloroethane
Concen: 20.00 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 64 Resp: 138511

Ion	Ratio	Lower	Upper
64	100		
66	34.0	25.8	38.6

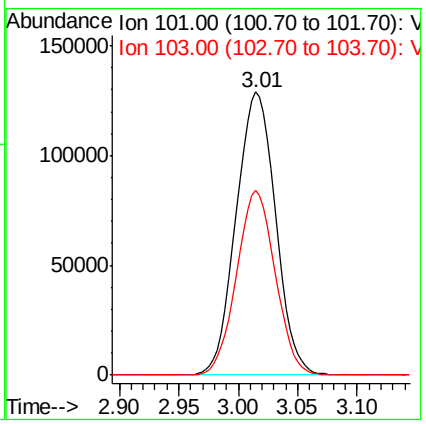




#7
Trichlorofluoromethane
Concen: 21.65 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:101 Resp: 296603

Ion	Ratio	Lower	Upper
101	100		
103	65.1	54.8	82.2



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
MMDadoda
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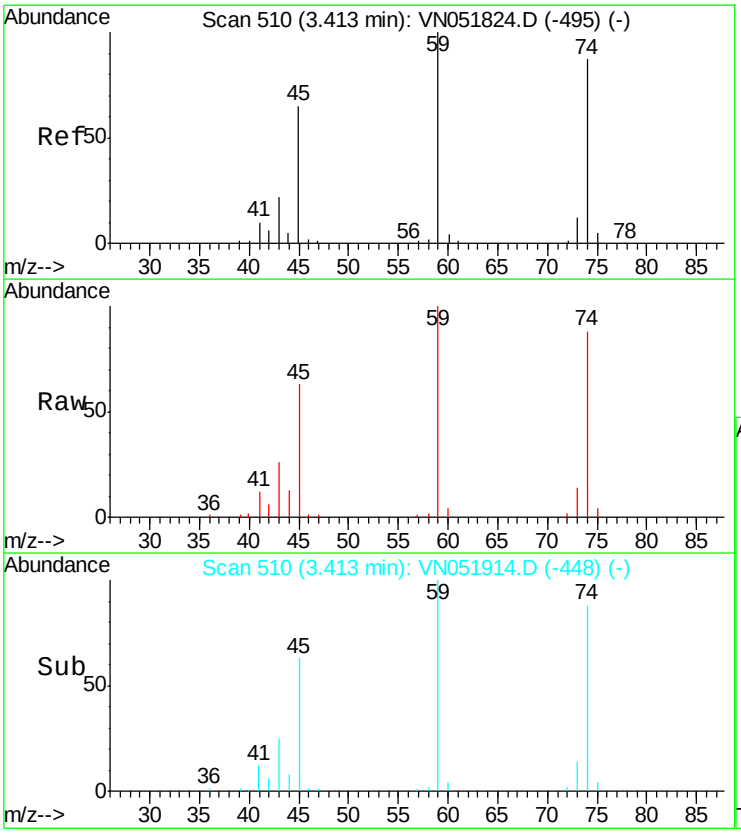
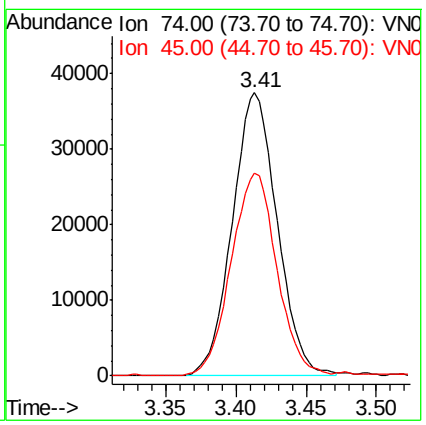
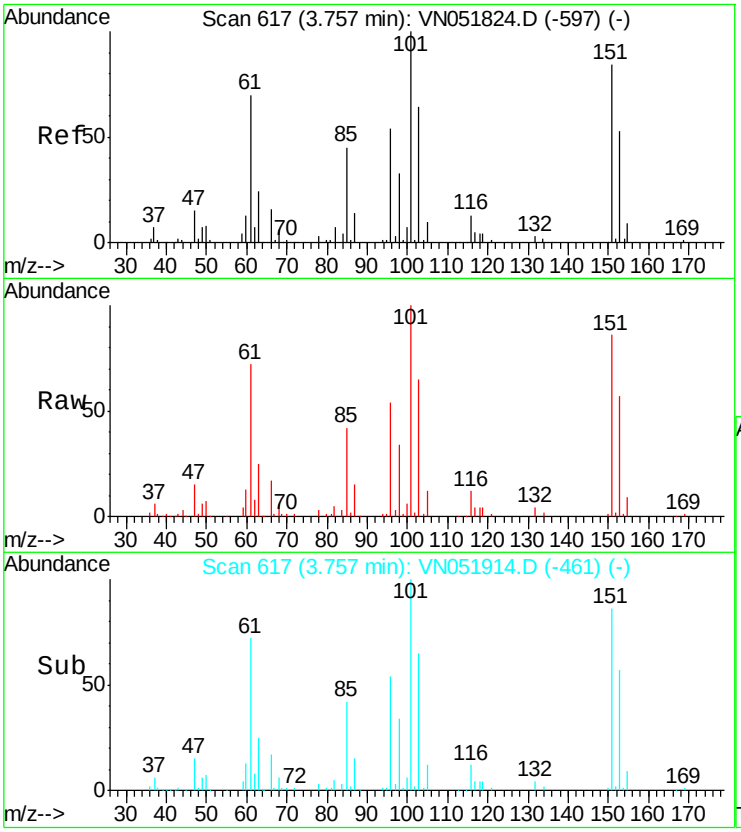


#8
Diethyl Ether
Concen: 20.95 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 74 Resp: 83567

Ion	Ratio	Lower	Upper
74	100		
45	73.0	20.7	186.5





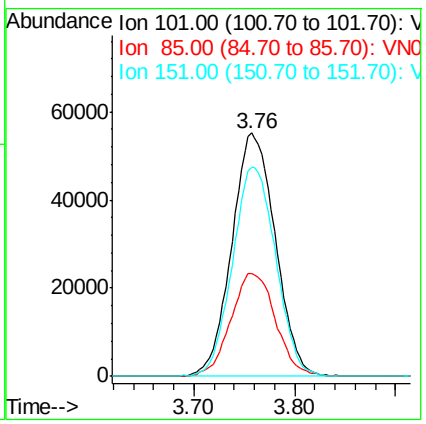
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.22 ug/l
RT: 3.76 min Scan# 617
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

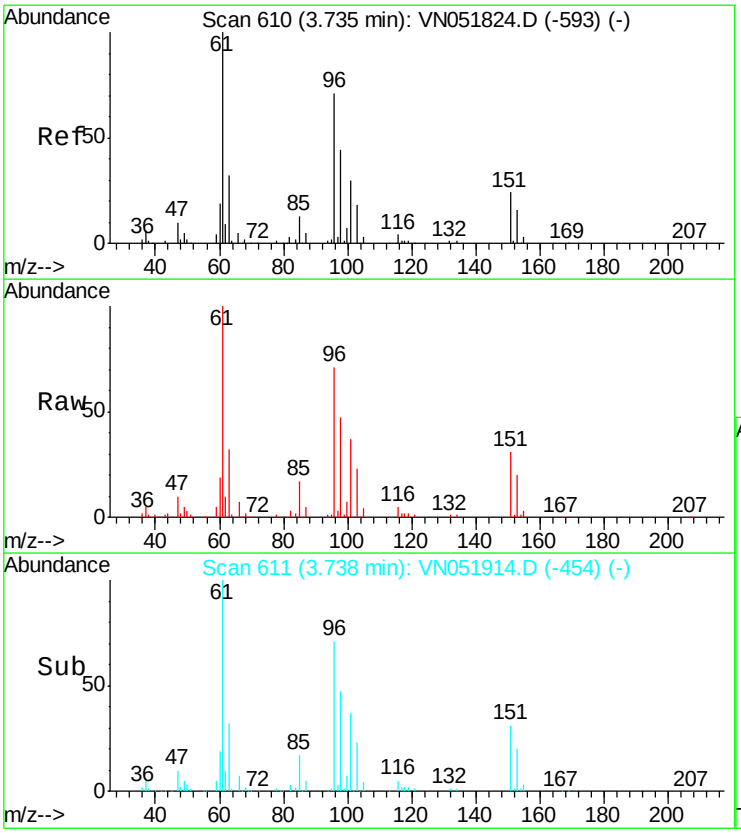
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
MMDadoda
10/19/2018 4:37:55 PM

Tgt Ion:101 Resp: 165578

Ion	Ratio	Lower	Upper
101	100		
85	43.3	0.0	46.0
151	85.5	0.0	82.2#

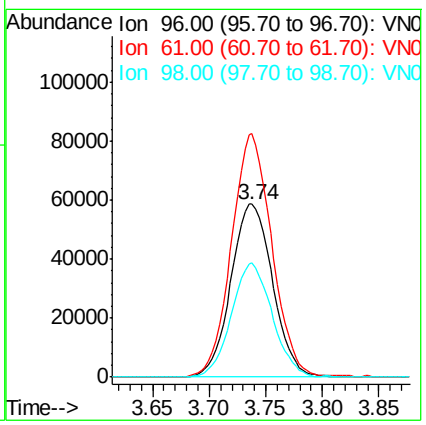


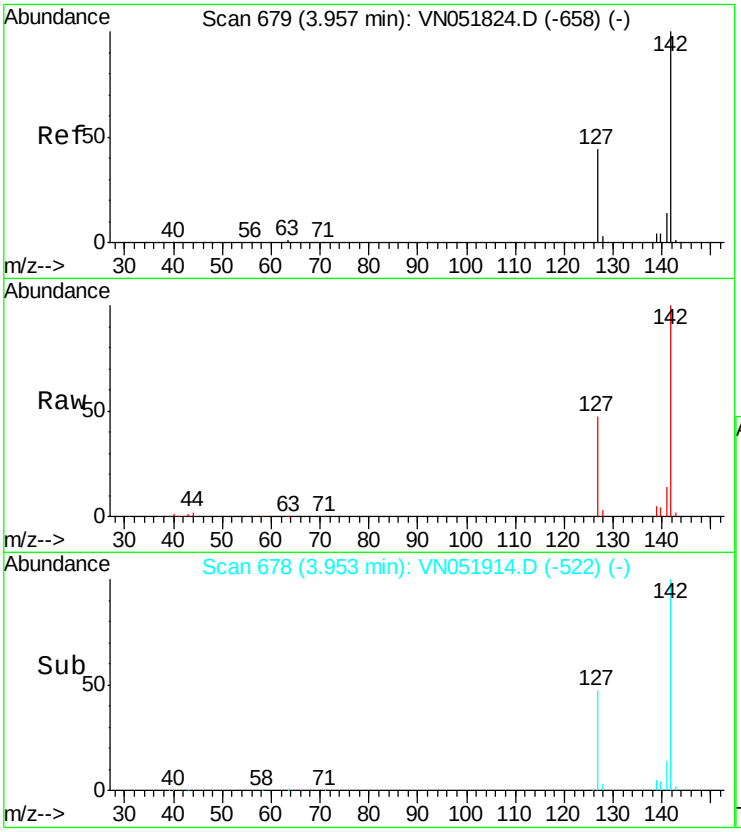


#10
1,1-Dichloroethene
Concen: 20.86 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 96 Resp: 150501

Ion	Ratio	Lower	Upper
96	100		
61	140.1	133.0	199.6
98	66.0	52.6	78.8

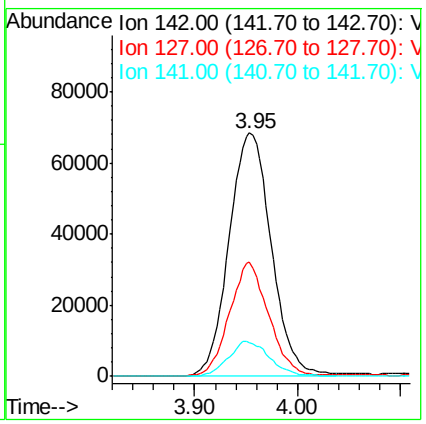




#11
Methyl Iodide
Concen: 18.60 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:142 Resp: 195088

Ion	Ratio	Lower	Upper
142	100		
127	46.5	19.7	59.0
141	13.9	6.3	18.9



Instrument :
MSVOA_N
ClientSampleId :
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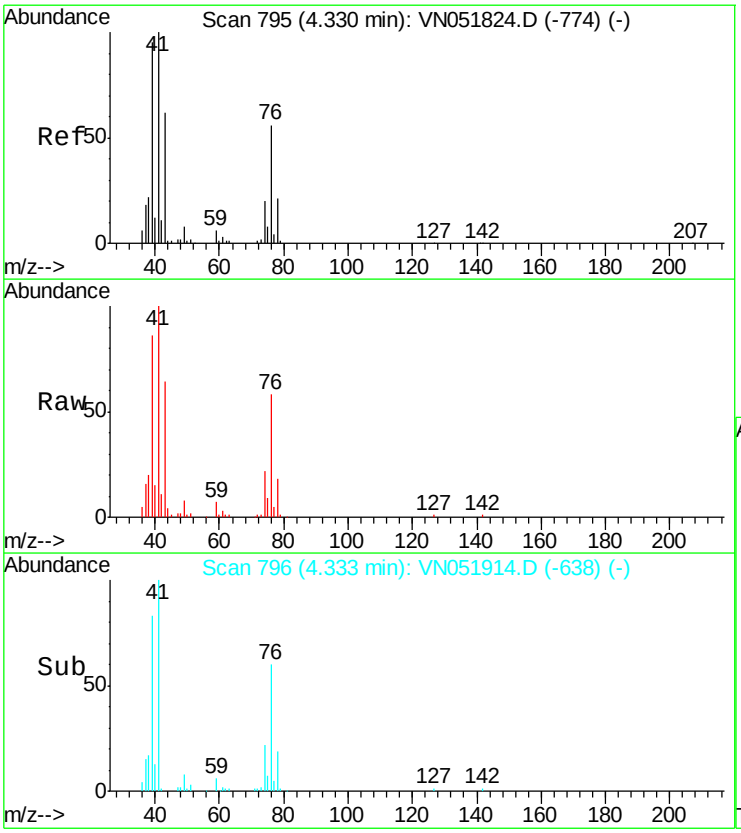
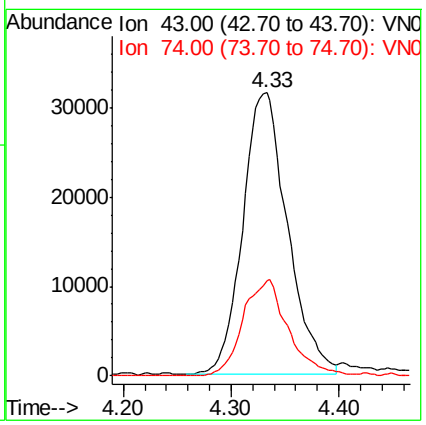
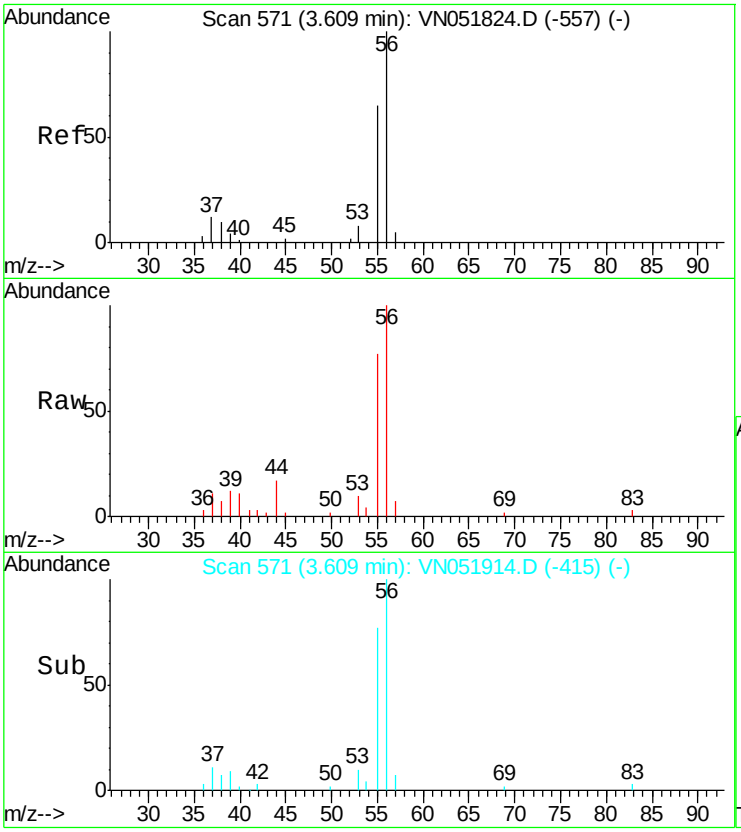


#12
Methyl Acetate
Concen: 20.30 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 90966

Ion	Ratio	Lower	Upper
43	100		
74	33.7	21.8	32.6#

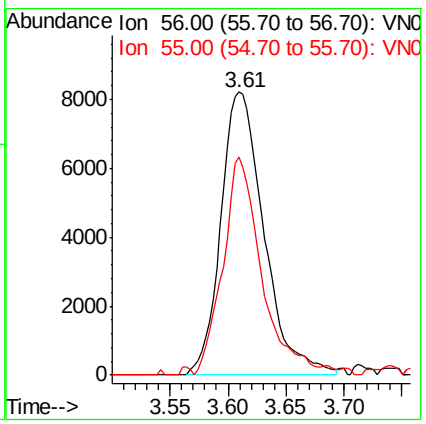




#13
Acrolein
Concen: 71.74 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 56 Resp: 21179

Ion	Ratio	Lower	Upper
56	100		
55	68.6	64.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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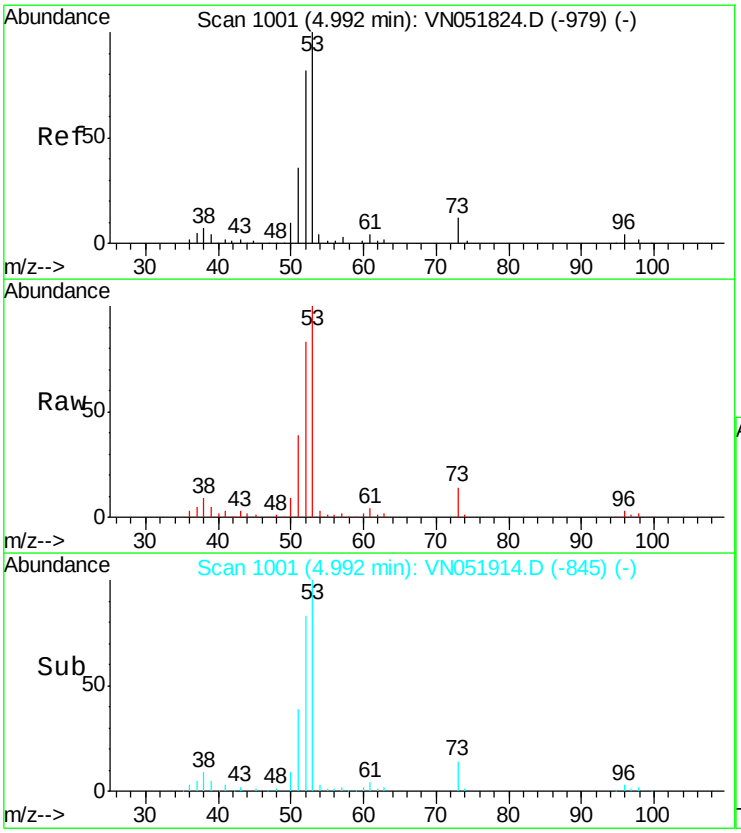
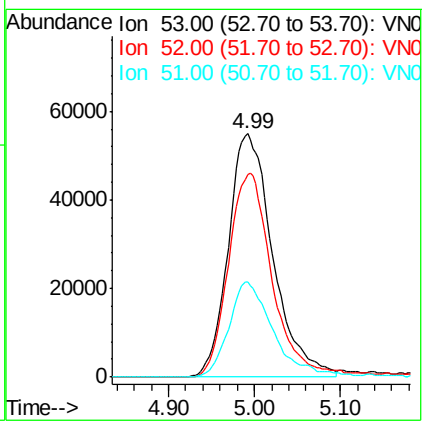
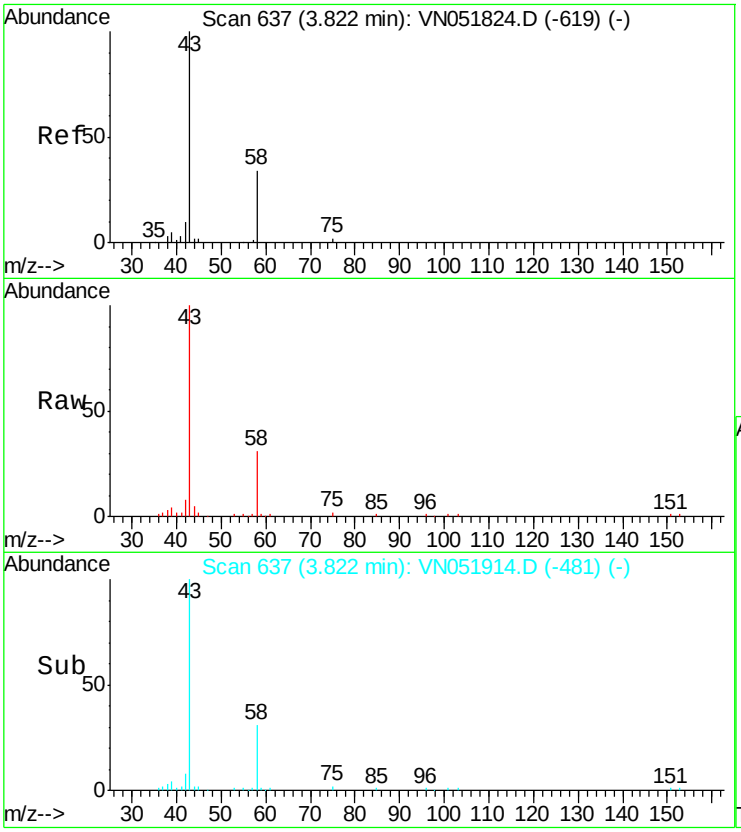


#14
Acrylonitrile
Concen: 98.66 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 53 Resp: 197586

Ion	Ratio	Lower	Upper
53	100		
52	81.5	18.3	54.8#
51	36.6	19.7	59.1

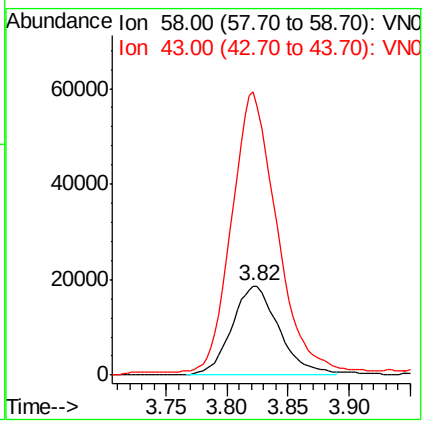




#15
Acetone
Concen: 99.85 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 58 Resp: 49434

Ion	Ratio	Lower	Upper
58	100		
43	315.7	232.2	348.2



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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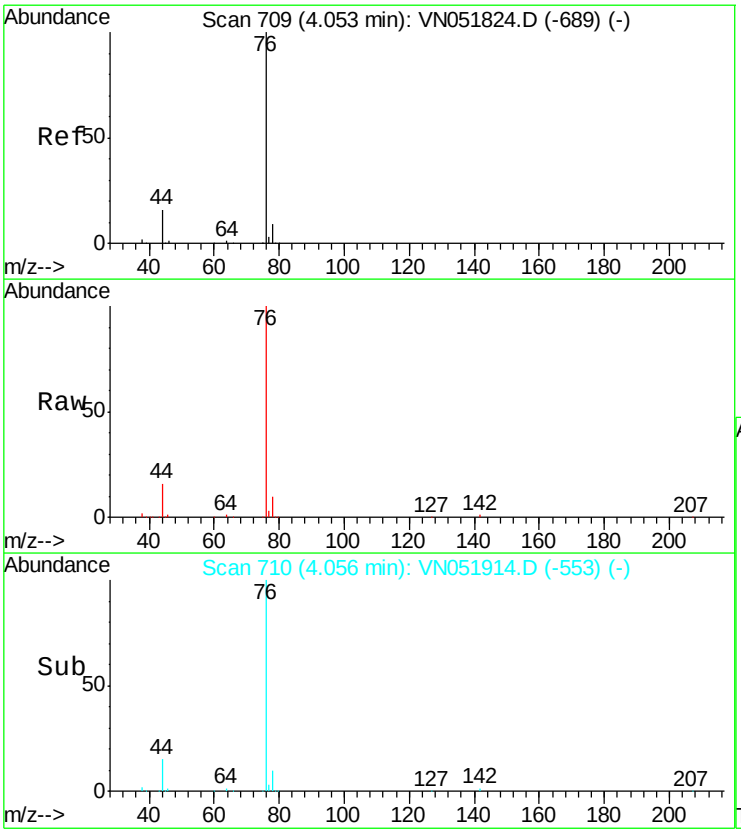
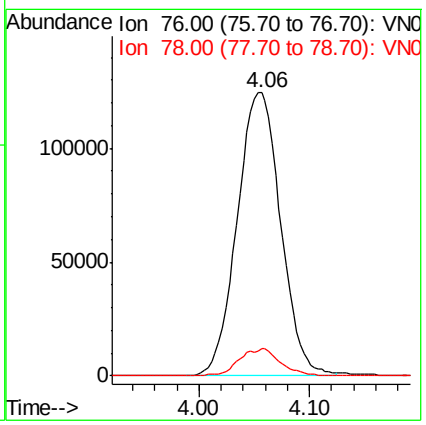
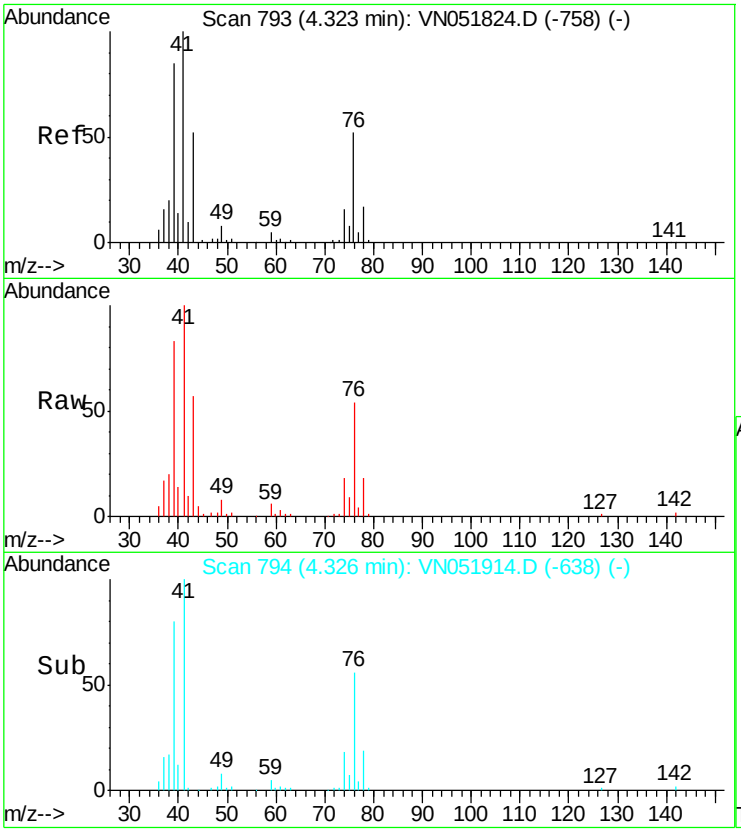


#16
Carbon Disulfide
Concen: 17.94 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 76 Resp: 339922

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.7	10.1

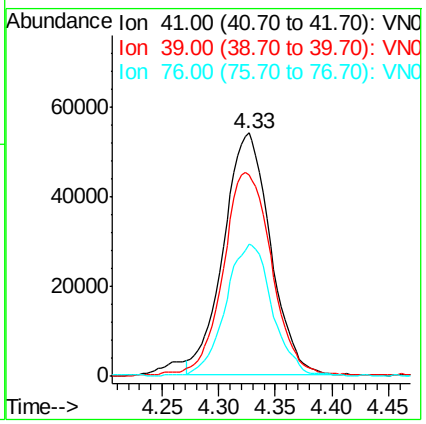




#17
Allyl chloride
Concen: 18.18 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 41 Resp: 155715

Ion	Ratio	Lower	Upper
41	100		
39	82.4	32.6	97.8
76	53.8	20.2	60.5



Instrument :
MSVOA_N
ClientSampleId :
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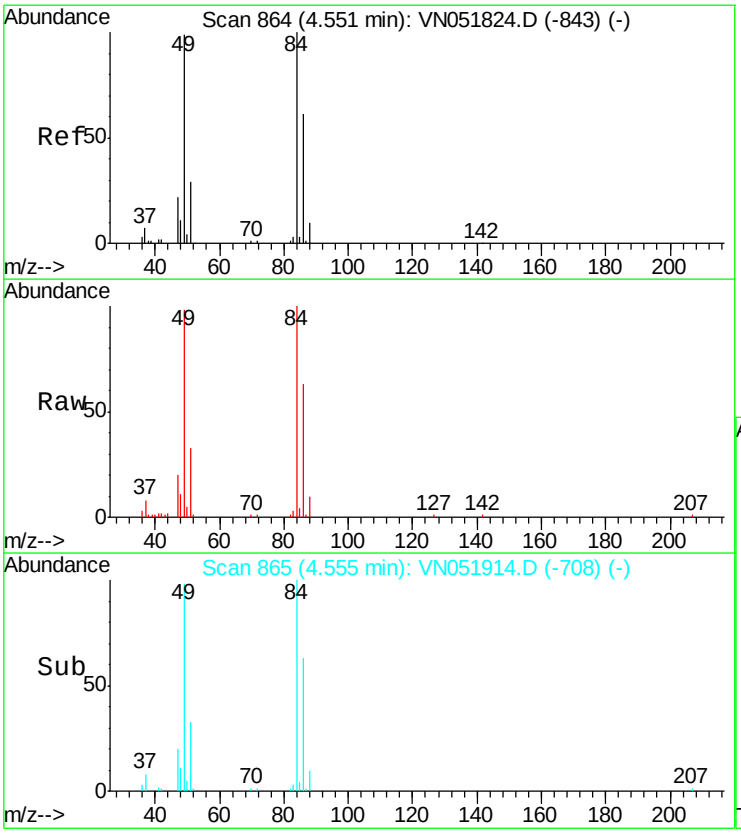
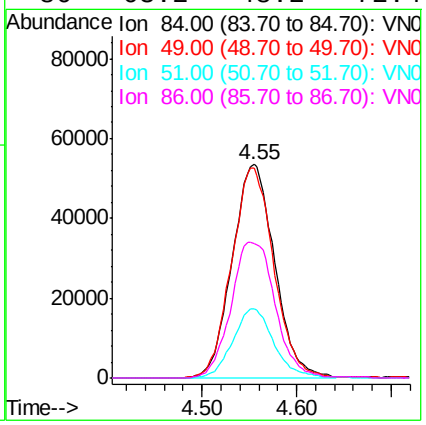
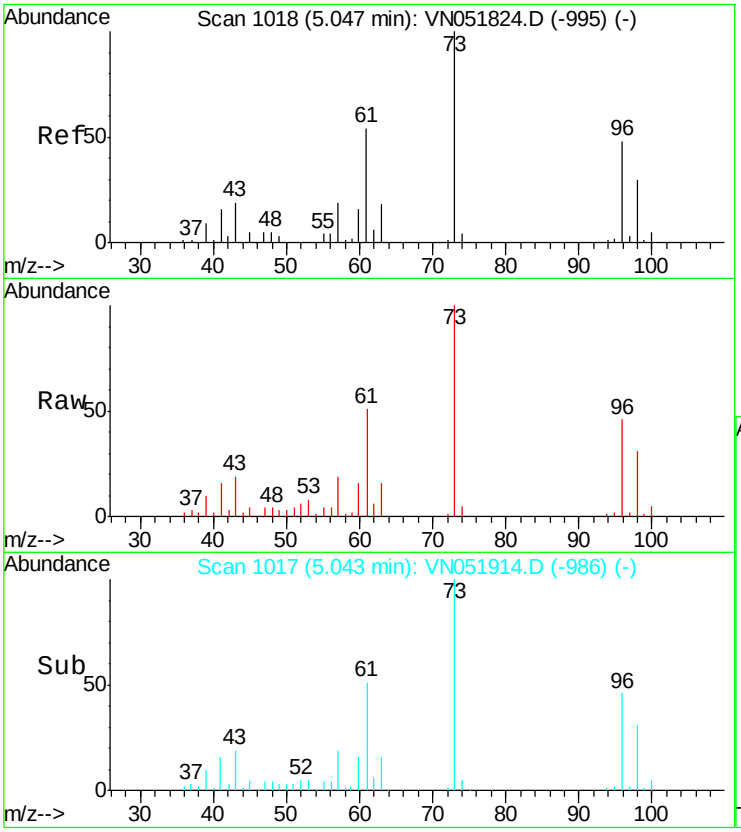


#18
Methylene Chloride
Concen: 20.64 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 84 Resp: 166549

Ion	Ratio	Lower	Upper
84	100		
49	97.8	91.6	137.4
51	32.6	29.8	44.6
86	63.2	48.2	72.4

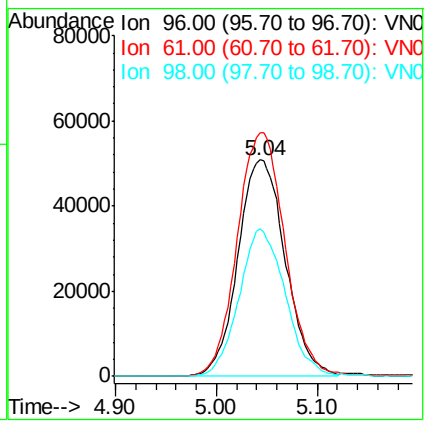




#19
trans-1,2-Dichloroethene
Concen: 20.10 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 96 Resp: 165654

Ion	Ratio	Lower	Upper
96	100		
61	112.1	112.3	168.5#
98	68.3	47.1	70.7



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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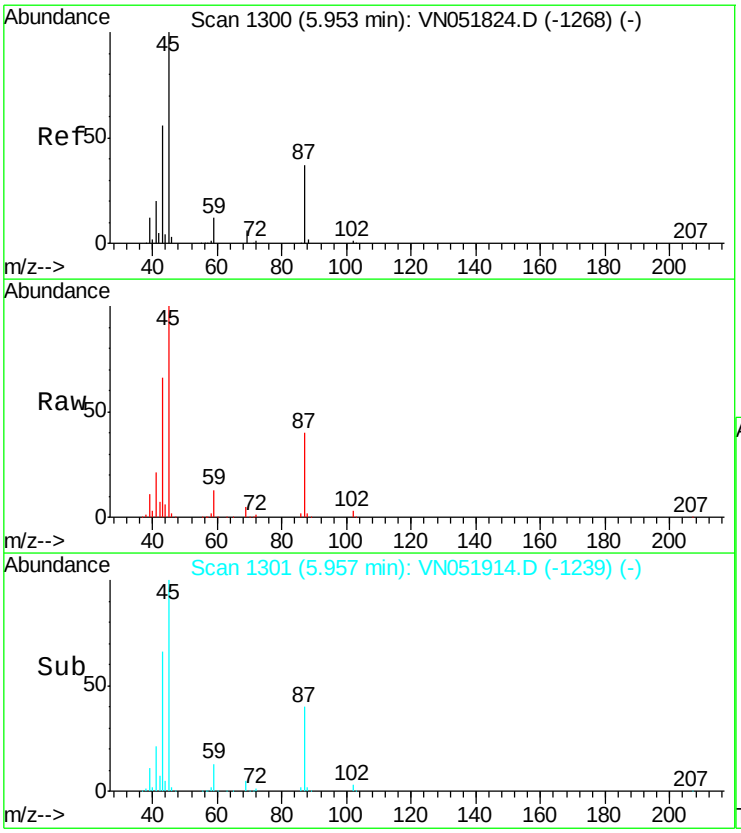
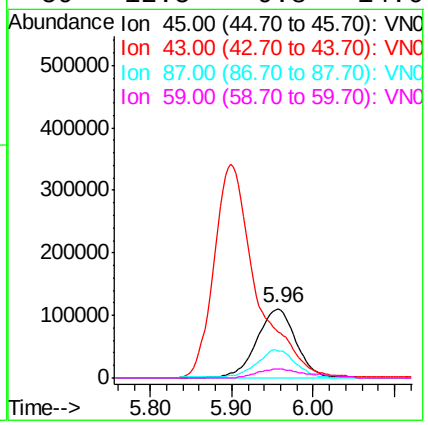
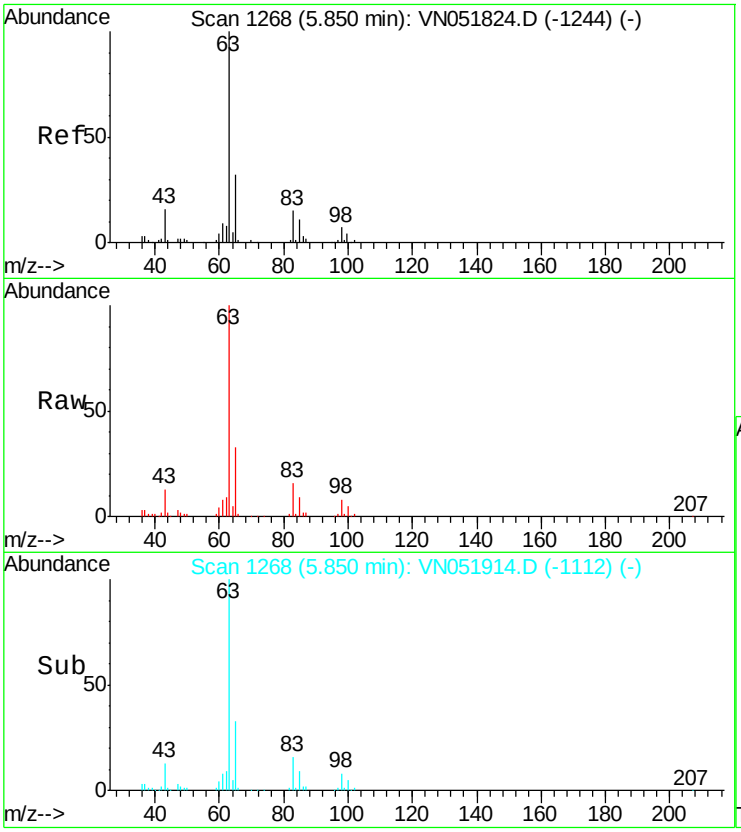


#20
Diisopropyl ether
Concen: 19.44 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 45 Resp: 370925

Ion	Ratio	Lower	Upper
45	100		
43	62.3	62.1	93.1
87	38.8	19.9	29.9#
59	12.5	9.8	14.6

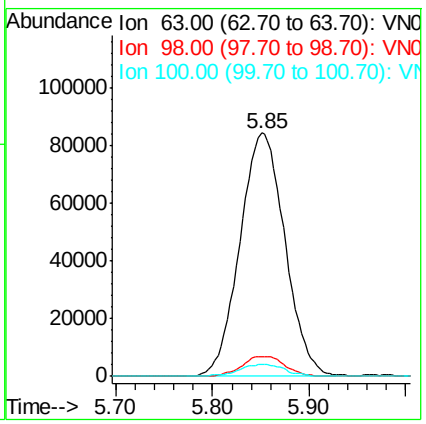




#21
1,1-Dichloroethane
Concen: 20.51 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 63 Resp: 273429

Ion	Ratio	Lower	Upper
63	100		
98	8.2	4.1	12.3
100	4.9	1.6	4.7#



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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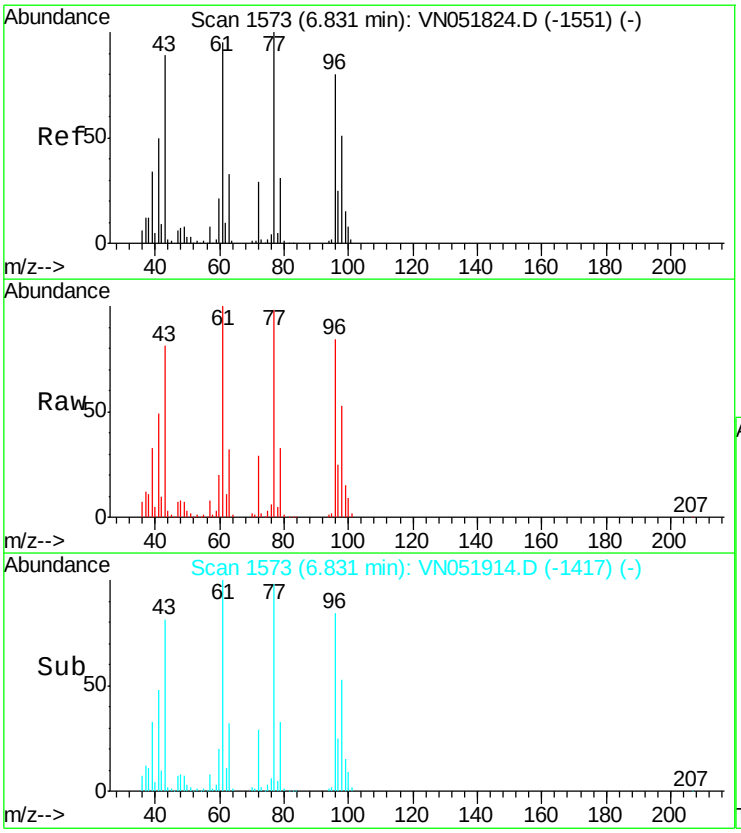
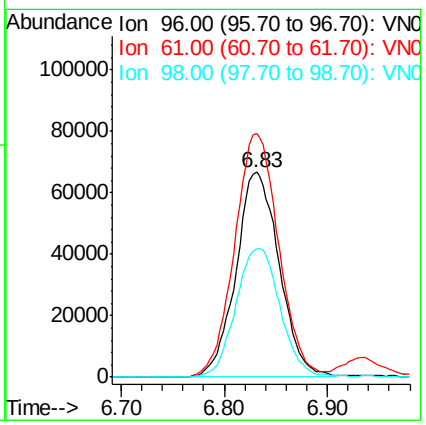
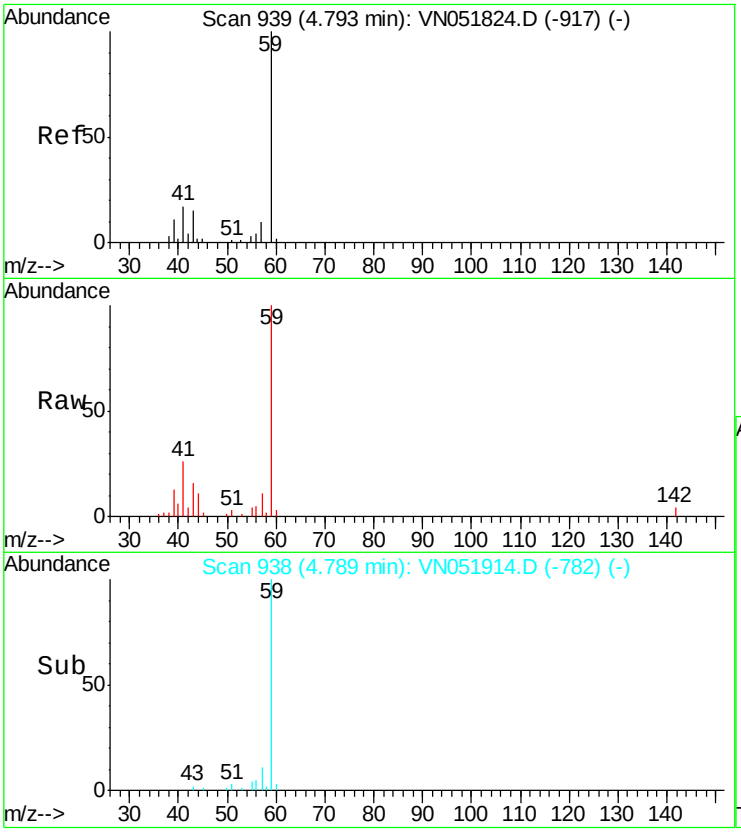


#22
cis-1,2-Dichloroethene
Concen: 20.13 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 96 Resp: 194807

Ion	Ratio	Lower	Upper
96	100		
61	121.0	124.5	186.7#
98	64.2	51.9	77.9





#23
tert-Butyl Alcohol
Concen: 92.69 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 59 Resp: 48890

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
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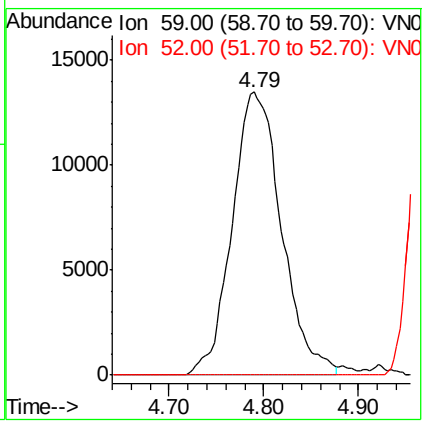
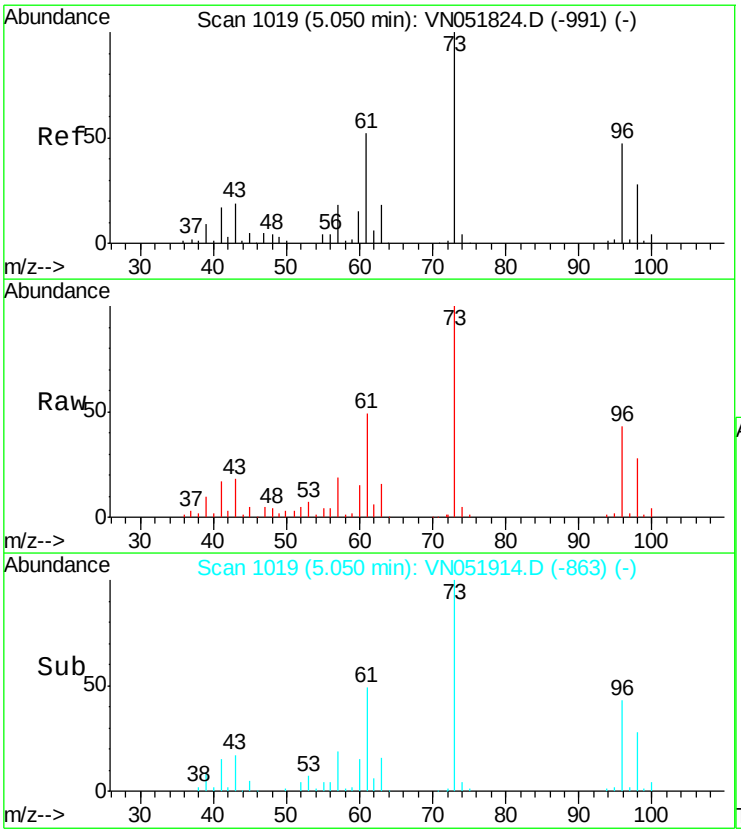
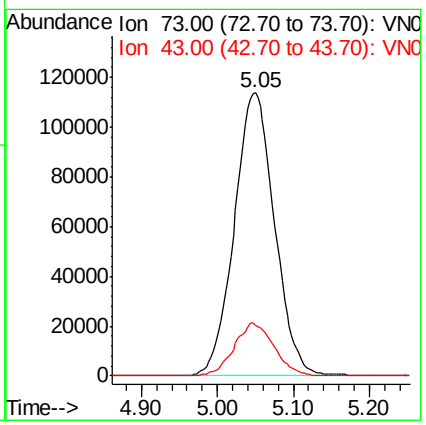


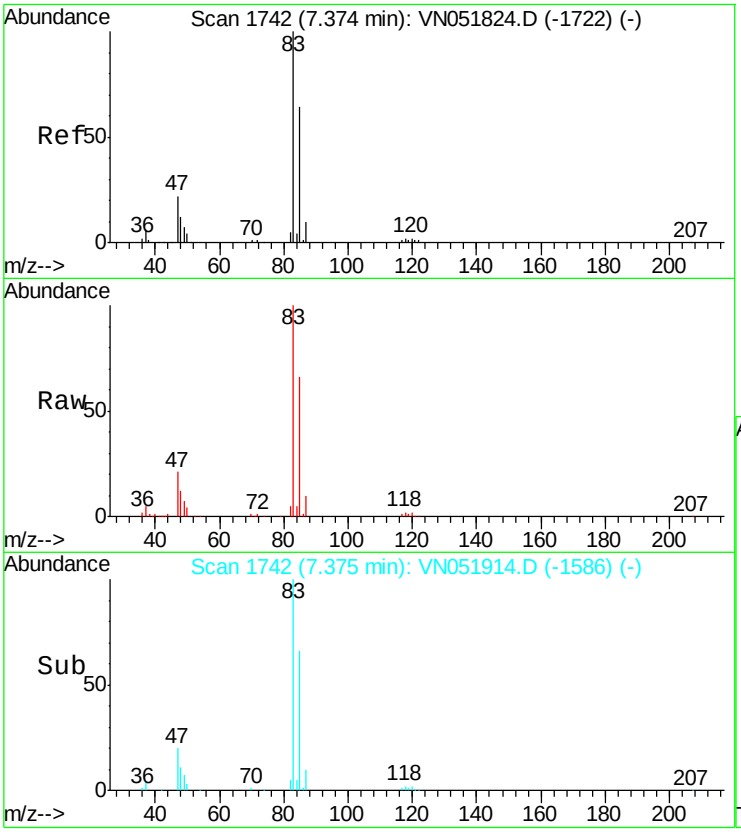


#24
Methyl tert-Butyl Ether
Concen: 20.12 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 73 Resp: 418216

Ion	Ratio	Lower	Upper
73	100		
43	18.0	5.4	8.0#

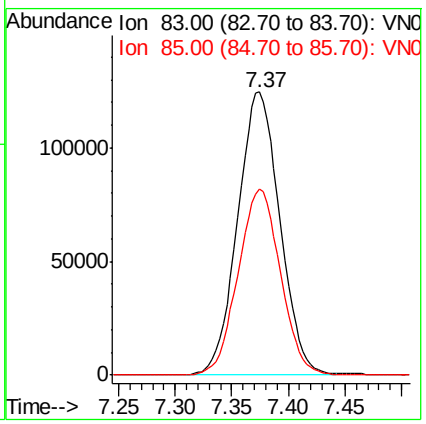




#25
Chloroform
Concen: 20.45 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 83 Resp: 323471

Ion	Ratio	Lower	Upper
83	100		
85	65.8	54.6	82.0



Instrument :
MSVOA_N
ClientSampleId :
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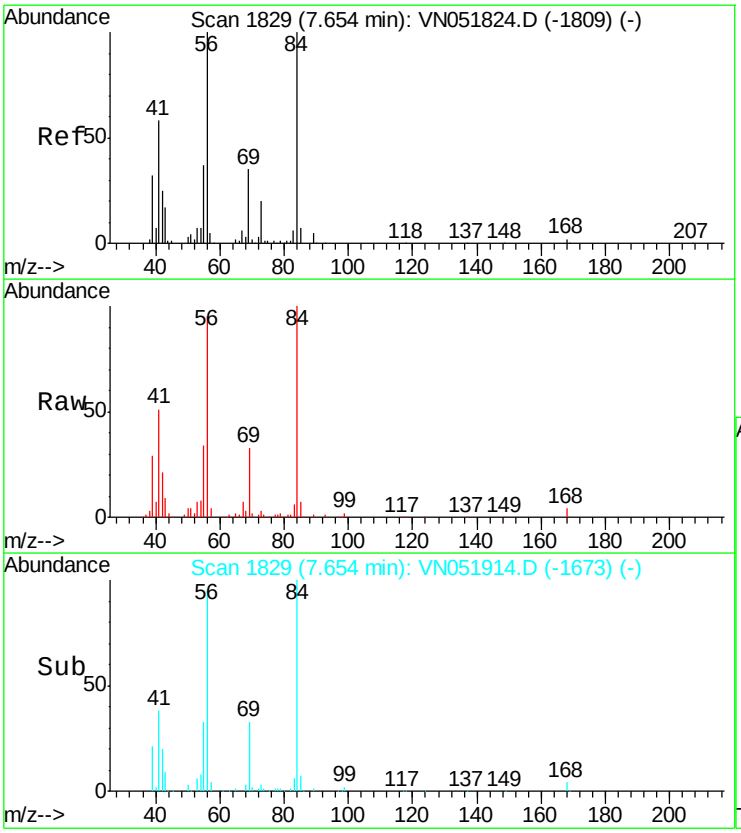
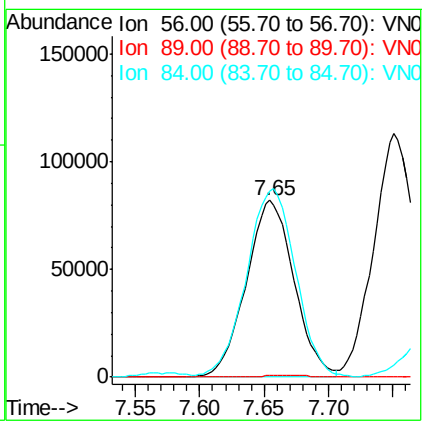
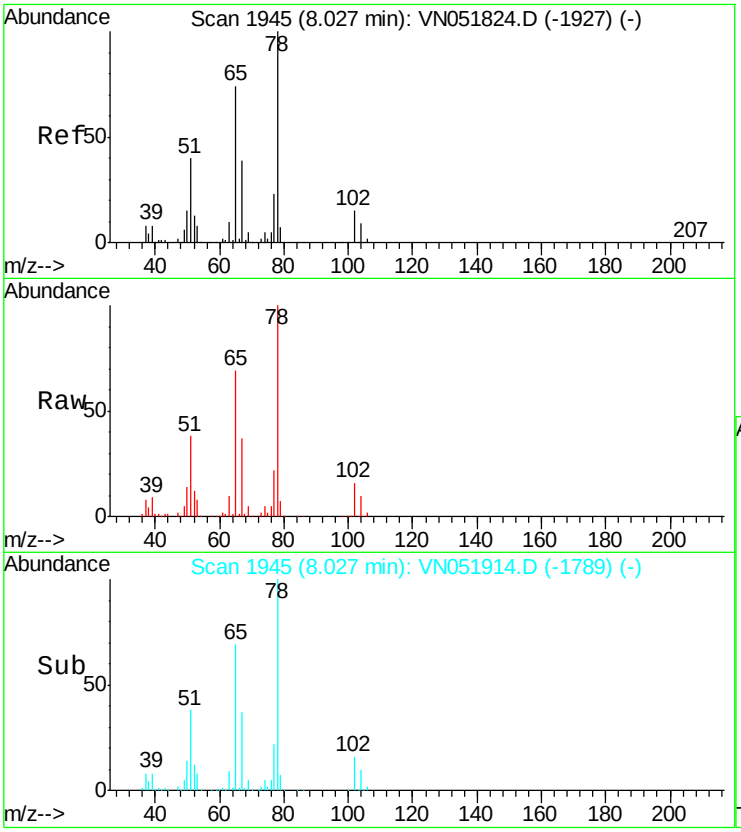


#26
Cyclohexane
Concen: 18.78 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 56 Resp: 212225

Ion	Ratio	Lower	Upper
56	100		
89	0.9	1.5	2.3#
84	108.4	64.2	96.4#

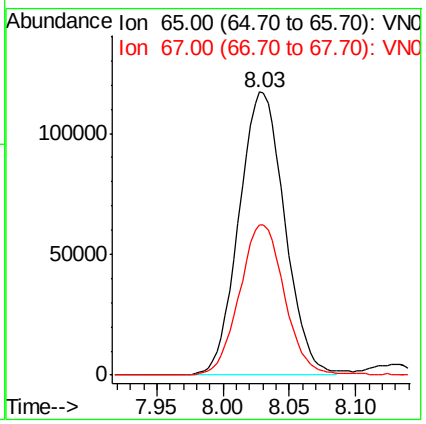




#27
1,2-Dichloroethane-d4
Concen: 18.78 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 65 Resp: 281070

Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.8	62.8



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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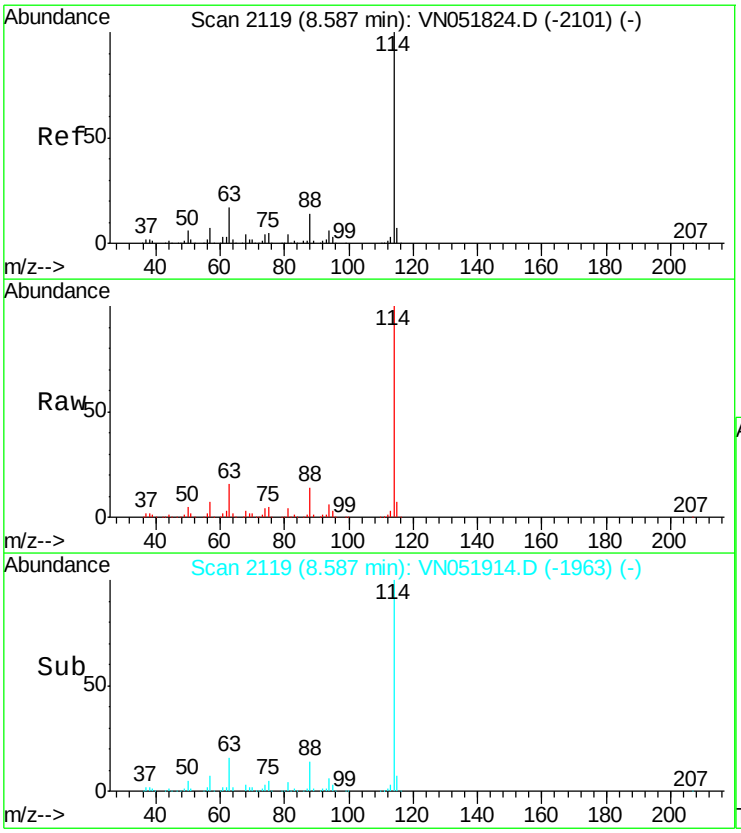
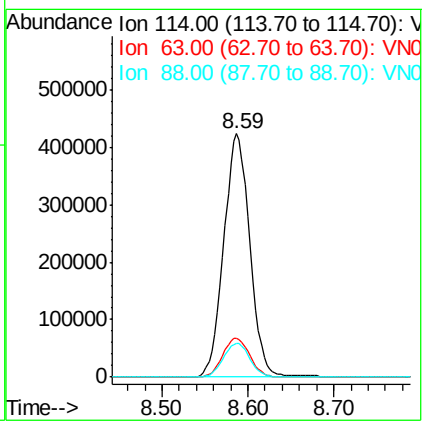
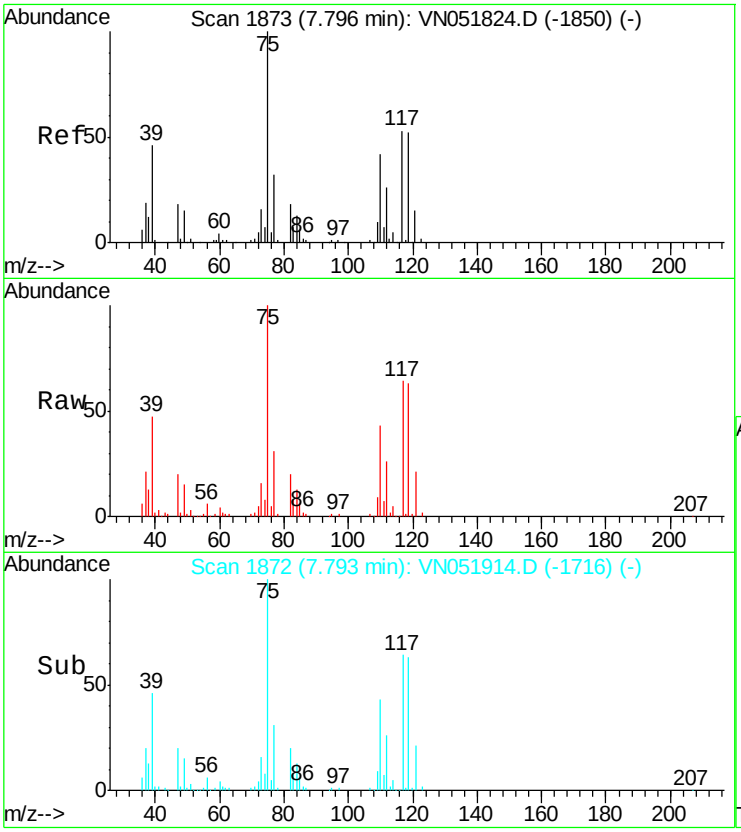


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:114 Resp: 893972

Ion	Ratio	Lower	Upper
114	100		
63	16.4	16.2	24.2
88	14.0	12.2	18.4

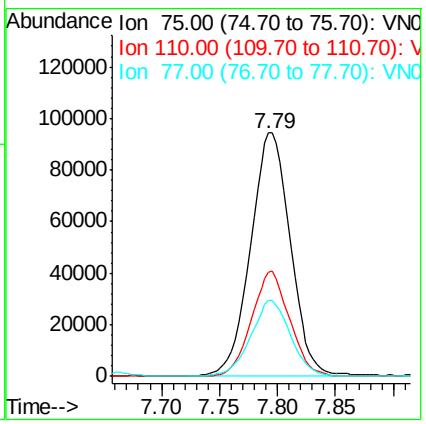




#29
1,1-Dichloropropene
Concen: 19.46 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 75 Resp: 224210

Ion	Ratio	Lower	Upper
75	100		
110	41.3	0.0	70.8
77	31.3	0.0	61.6



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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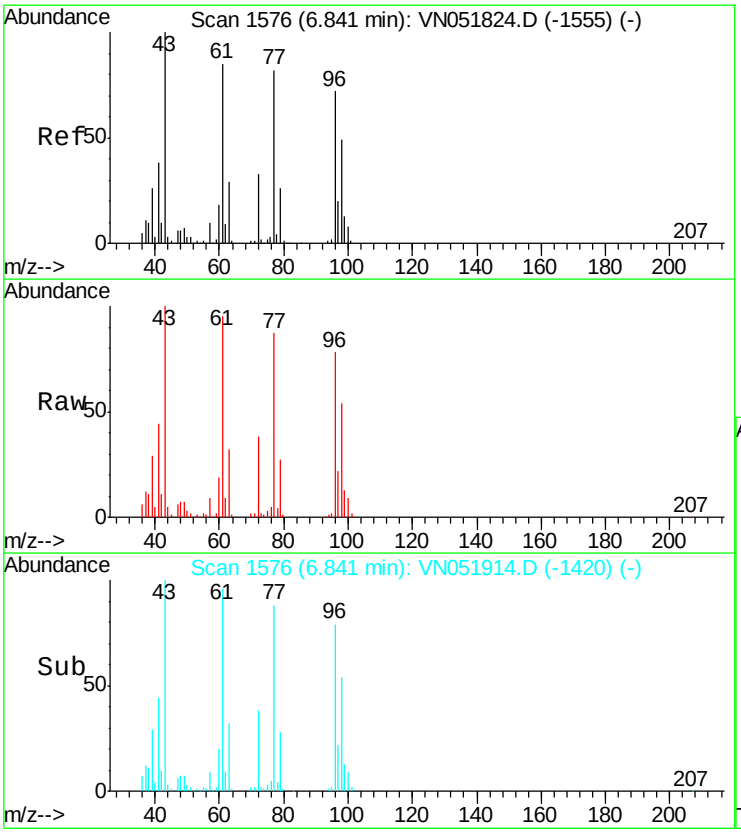
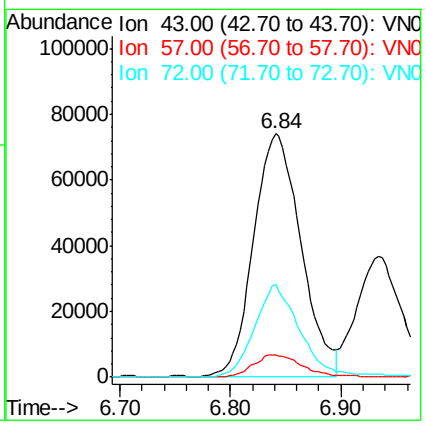
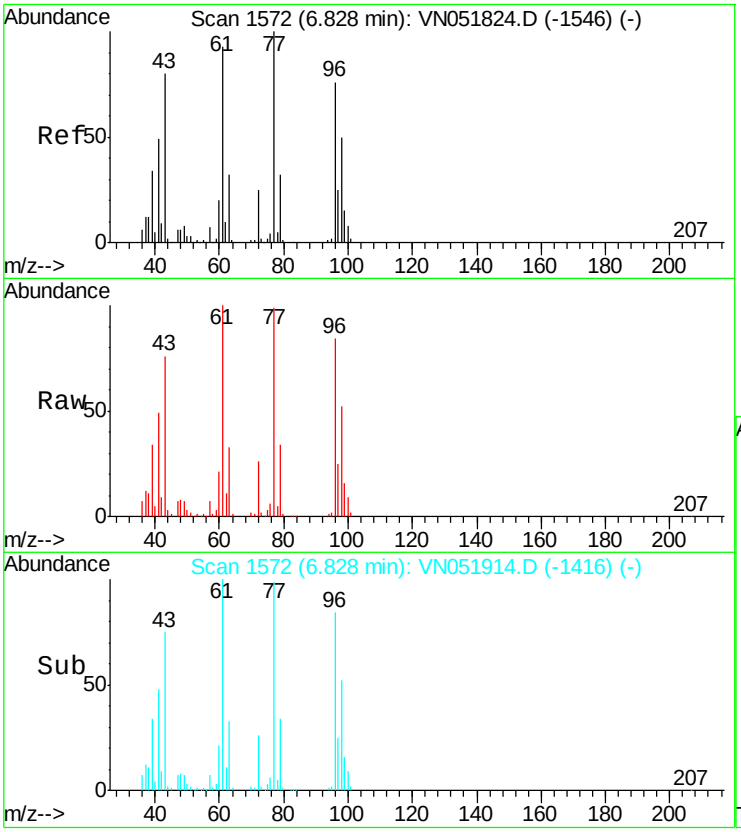


#30
2-Butanone
Concen: 91.98 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 221541

Ion	Ratio	Lower	Upper
43	100		
57	9.2	4.5	6.7#
72	35.7	21.5	32.3#

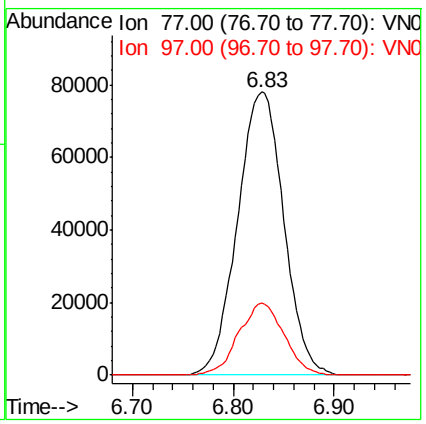




#31
2,2-Dichloropropane
Concen: 18.31 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 77 Resp: 248243

Ion	Ratio	Lower	Upper
77	100		
97	24.9	12.0	18.0#



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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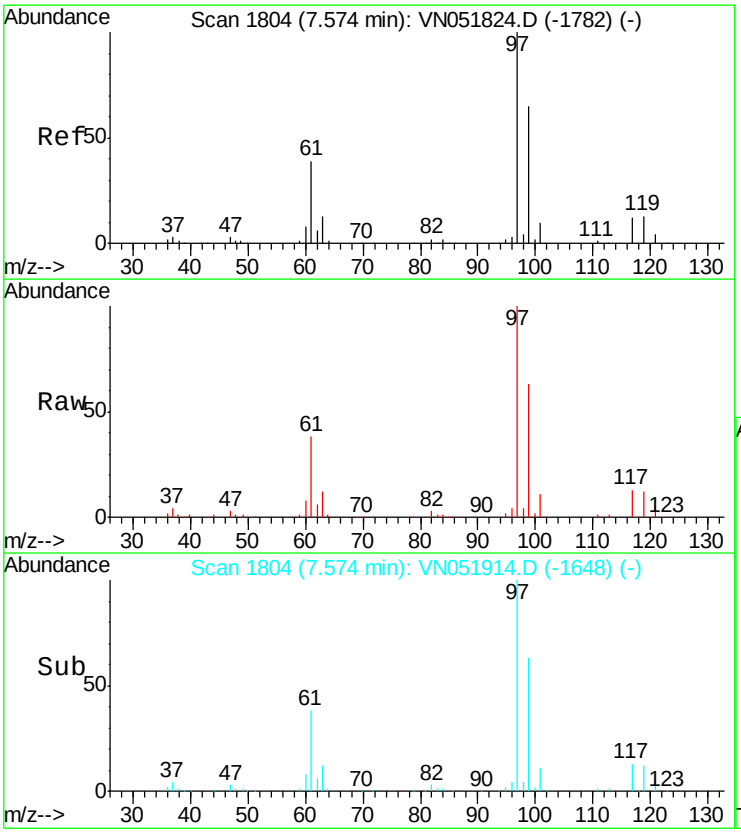
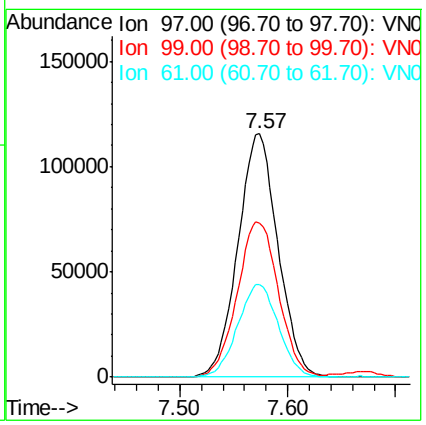
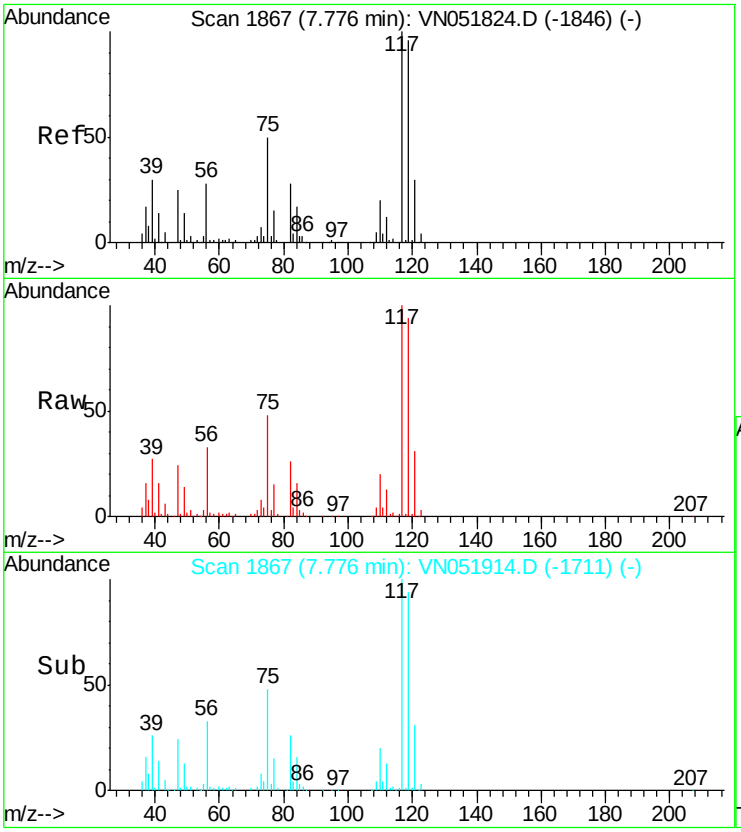


#32
1,1,1-Trichloroethane
Concen: 19.52 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 97 Resp: 298242

Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.6	77.4
61	38.7	37.4	56.0

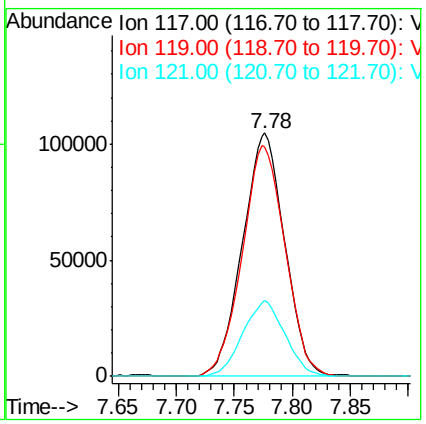




#33
Carbon Tetrachloride
Concen: 19.15 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:117 Resp: 264647

Ion	Ratio	Lower	Upper
117	100		
119	94.3	85.1	127.7
121	31.2	24.2	36.2



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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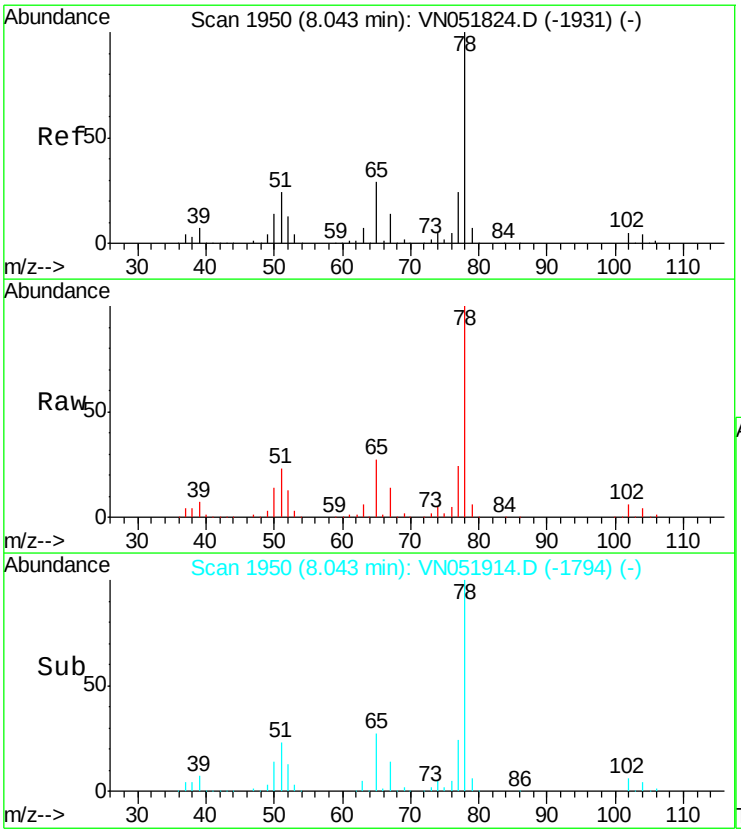
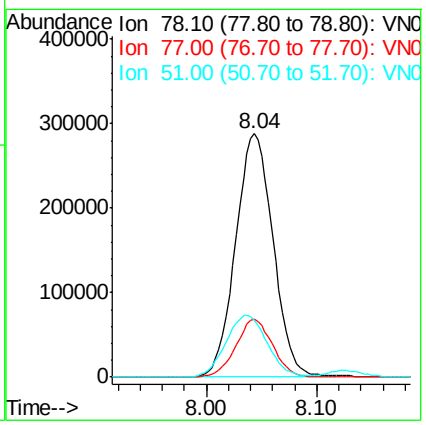
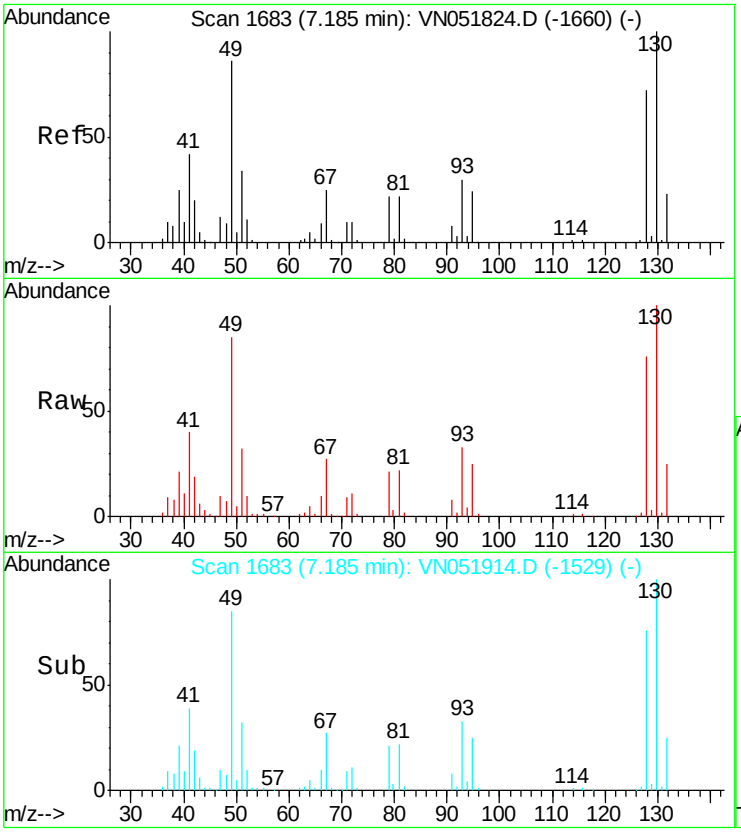


#34
Benzene
Concen: 19.95 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 78 Resp: 680175

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2
51	23.0	46.2	69.4#

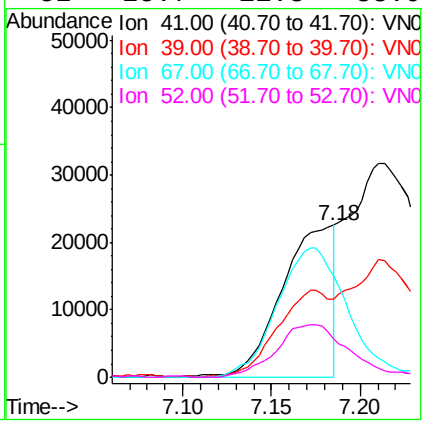




#35
Methacrylonitrile
Concen: 14.53 ug/l m
RT: 7.18 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 41 Resp: 45992

Ion	Ratio	Lower	Upper
41	100		
39	51.9	22.6	67.7
67	66.9	28.9	86.8
52	25.7	11.3	33.9



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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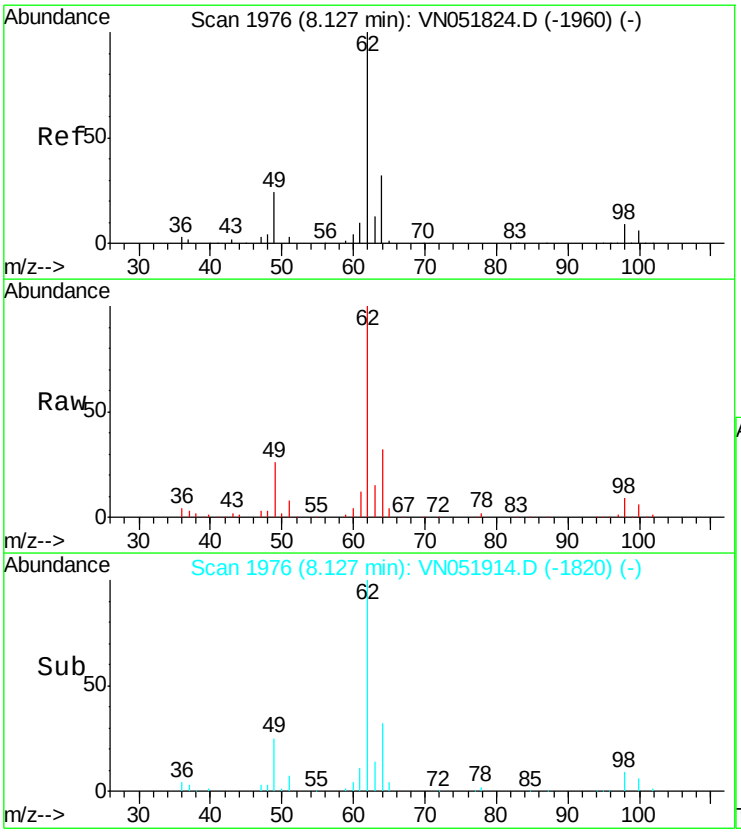
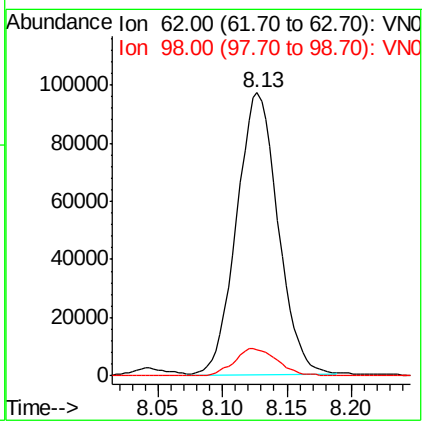
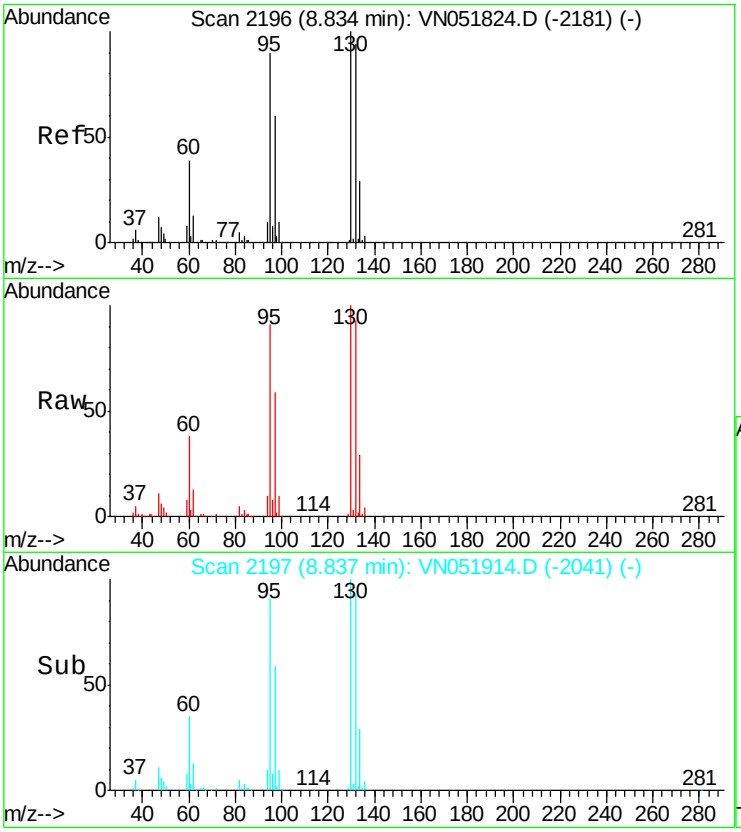


#36
1,2-Dichloroethane
Concen: 19.81 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 62 Resp: 216386

Ion	Ratio	Lower	Upper
62	100		
98	10.1	6.9	10.3





#37
Trichloroethene
Concen: 19.95 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:130 Resp: 211106

Ion	Ratio	Lower	Upper
130	100		
95	90.8	76.4	114.6

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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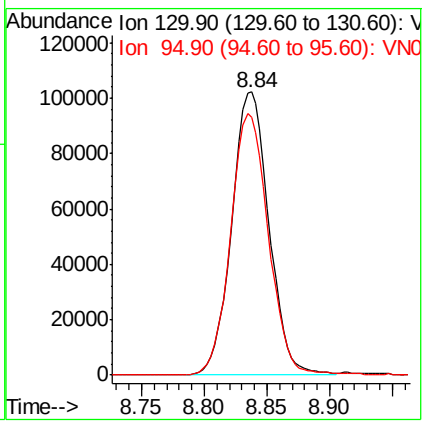
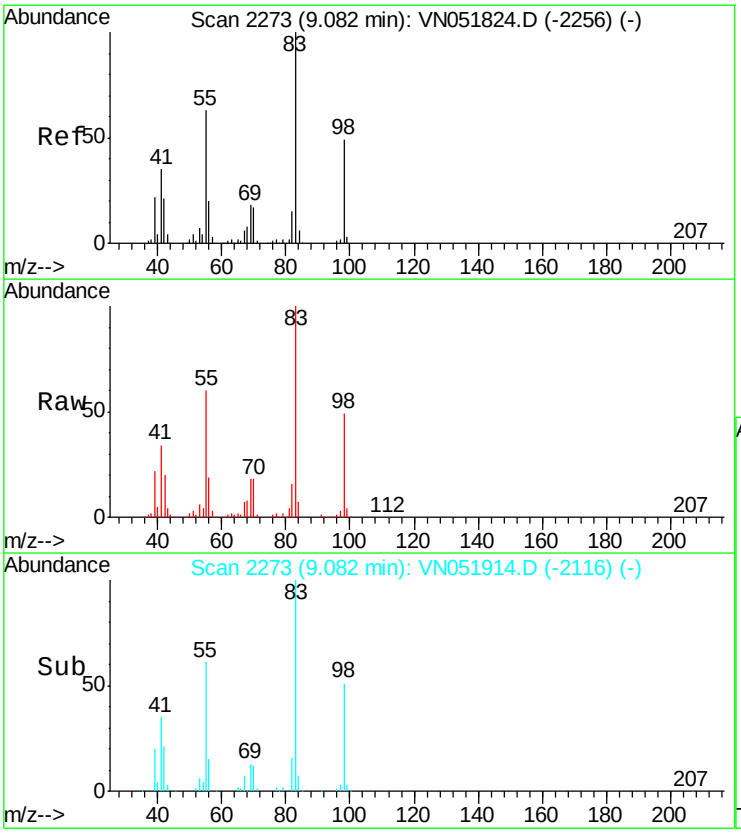
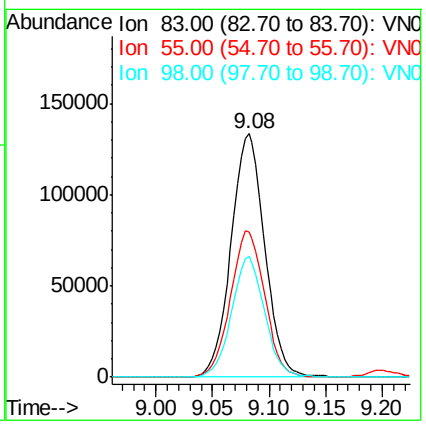


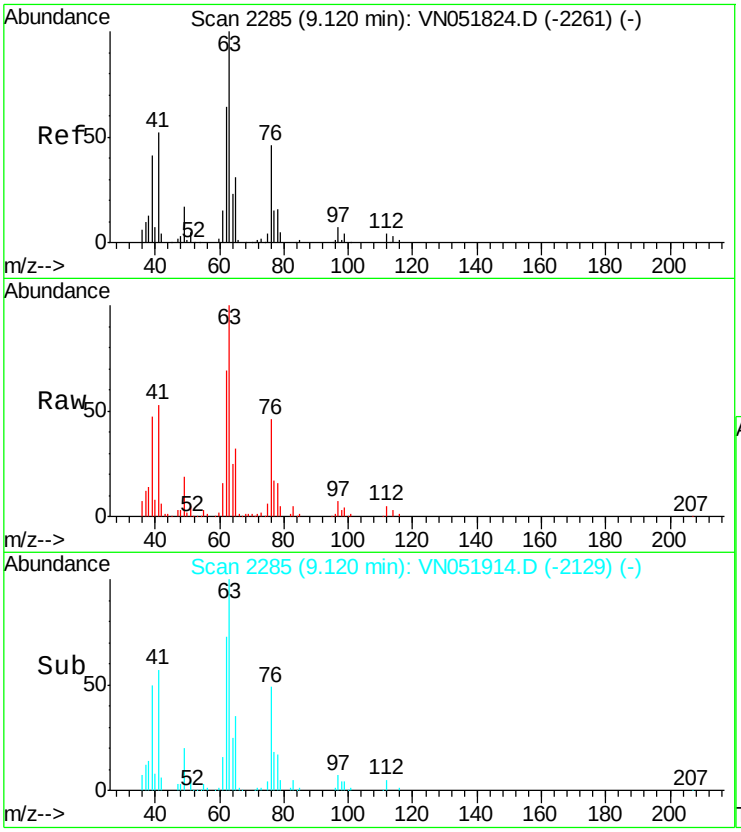


#38
Methylcyclohexane
Concen: 18.73 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 83 Resp: 276786

Ion	Ratio	Lower	Upper
83	100		
55	61.0	43.0	129.2
98	48.5	21.3	63.7

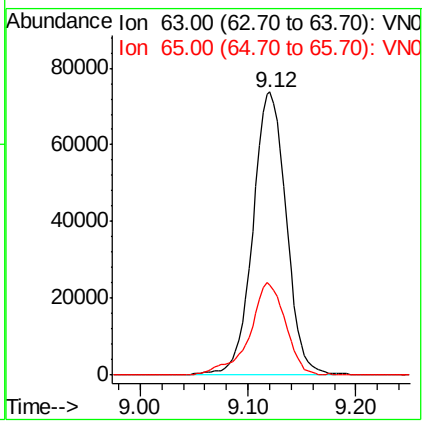




#39
1,2-Dichloropropane
Concen: 19.69 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 63 Resp: 158075

Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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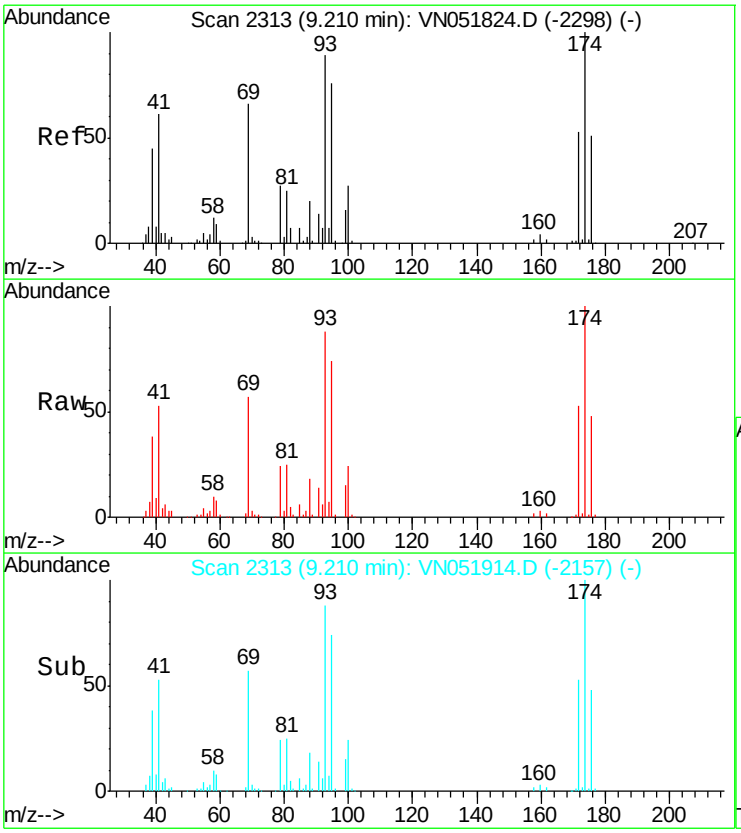
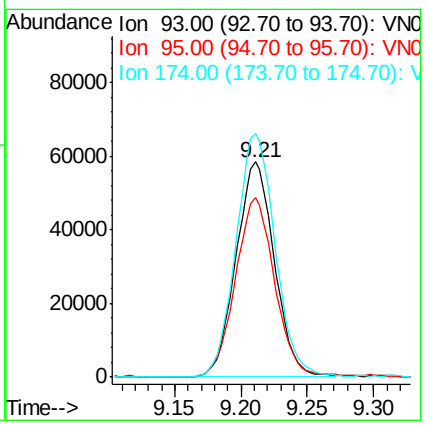
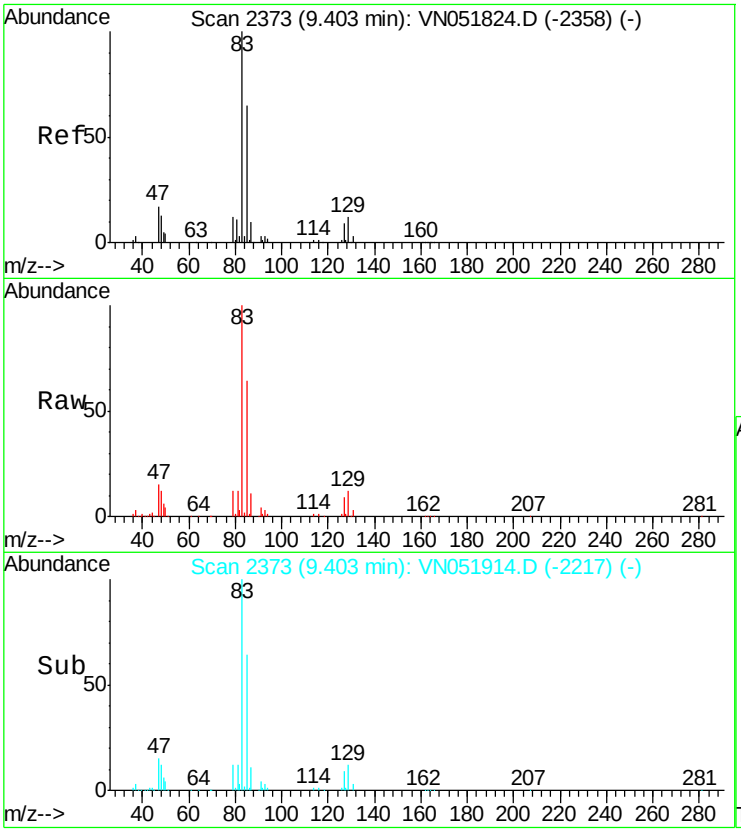


#40
Dibromomethane
Concen: 19.79 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 93 Resp: 117895

Ion	Ratio	Lower	Upper
93	100		
95	85.7	0.0	162.0
174	115.4	0.0	214.0

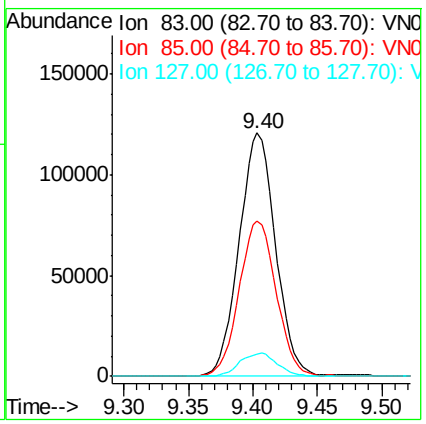




#41
Bromodichloromethane
Concen: 19.36 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 83 Resp: 238255

Ion	Ratio	Lower	Upper
83	100		
85	63.9	55.7	83.5
127	9.3	8.2	12.4



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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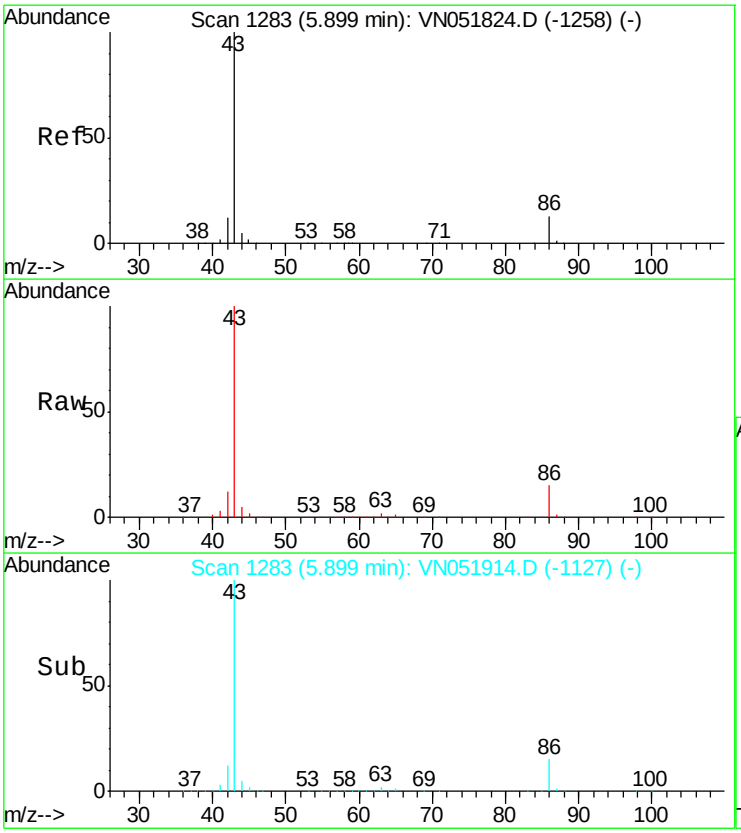
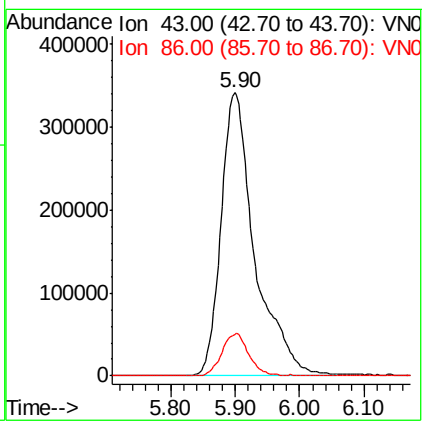
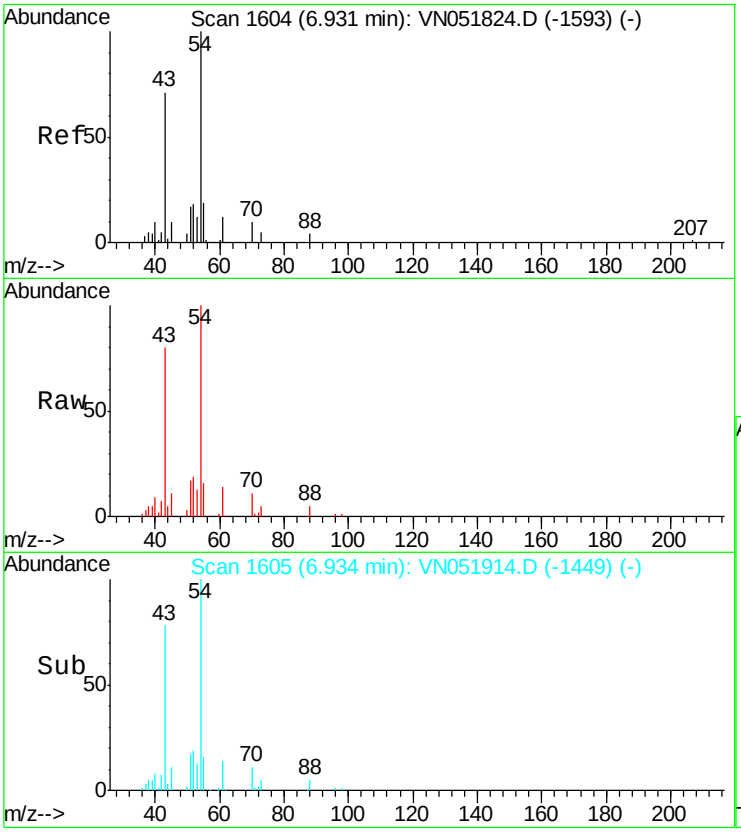


#42
Vinyl Acetate
Concen: 91.77 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 1244279

Ion	Ratio	Lower	Upper
43	100		
86	12.0	6.5	9.7#

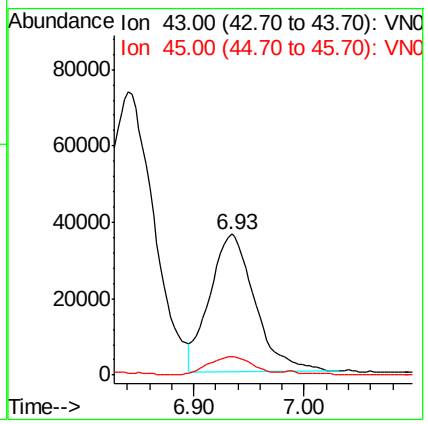




#43
Ethyl Acetate
Concen: 19.67 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 102873

Ion	Ratio	Lower	Upper
43	100		
45	13.3	11.0	16.6



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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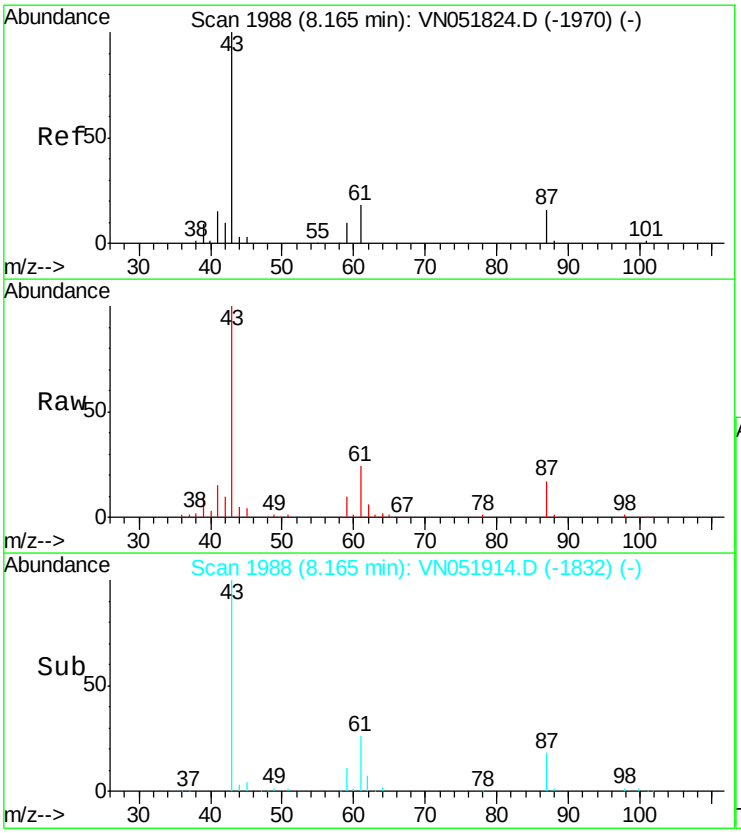
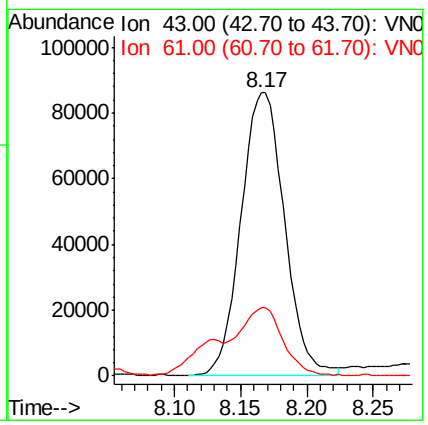
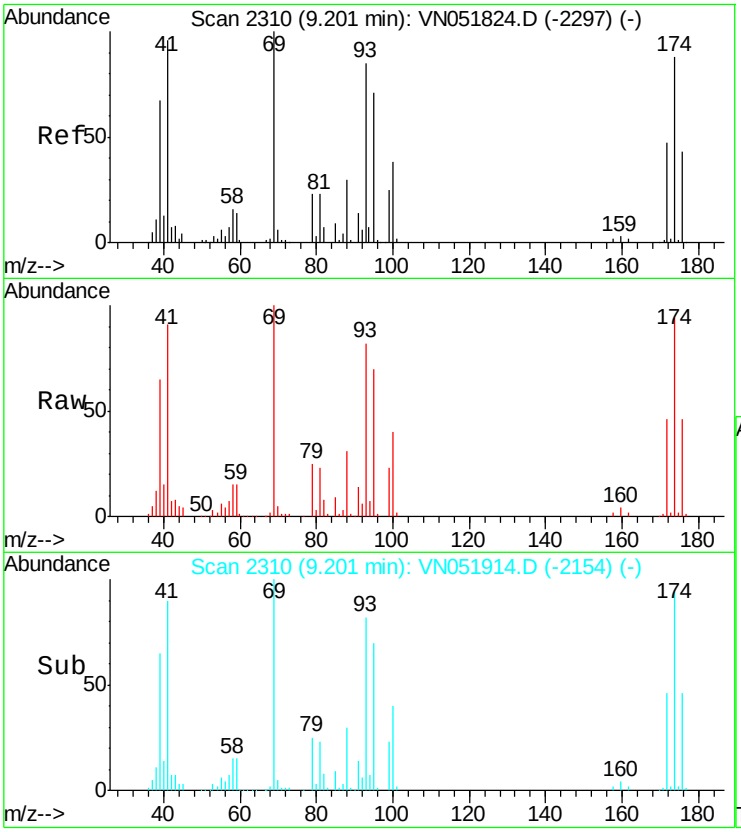


#44
Isopropyl Acetate
Concen: 18.73 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 195634

Ion	Ratio	Lower	Upper
43	100		
61	22.4	15.9	23.9

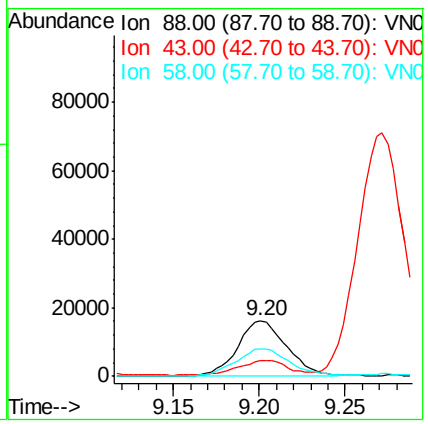




#45
1,4-Dioxane
Concen: 384.01 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 88 Resp: 32209

Ion	Ratio	Lower	Upper
88	100		
43	25.9	26.2	39.2#
58	55.0	65.6	98.4#



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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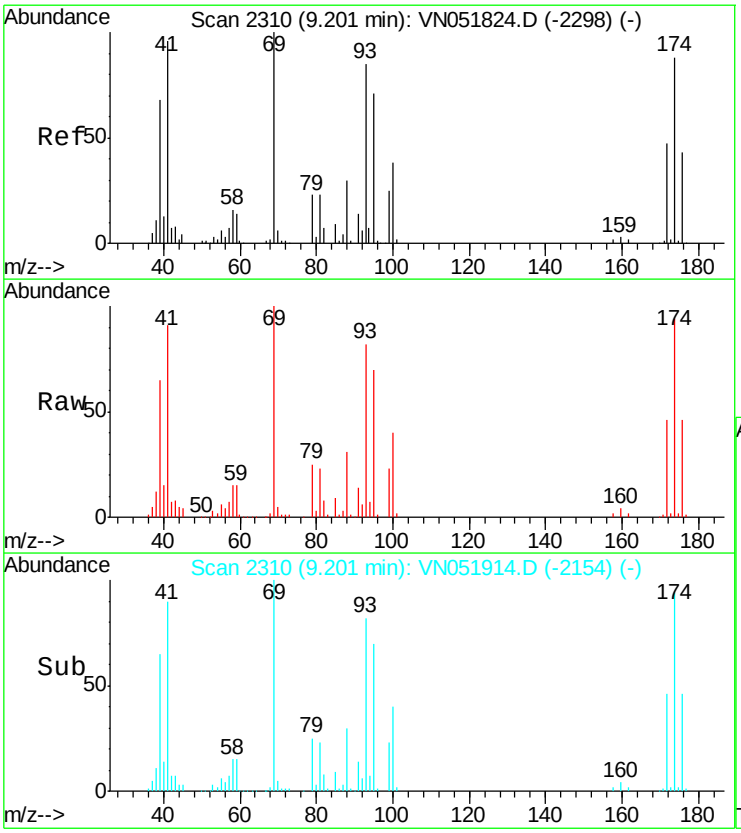
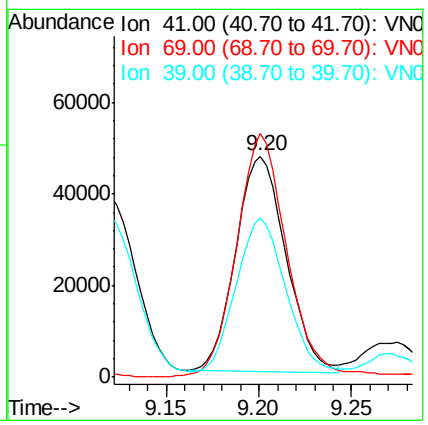
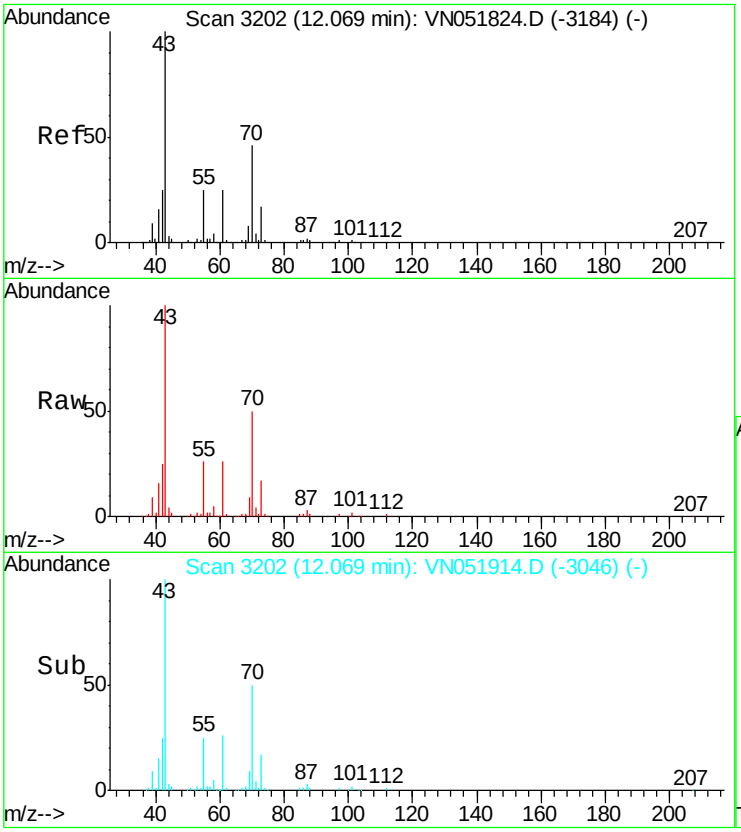


#46
Methyl methacrylate
Concen: 18.52 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 41 Resp: 89231

Ion	Ratio	Lower	Upper
41	100		
69	112.4	40.7	122.1
39	71.5	27.3	81.9





#47
n-amyl Acetate
Concen: 16.12 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 140971

Ion	Ratio	Lower	Upper
43	100		
55	26.3	12.2	18.4#

Instrument :
MSVOA_N
ClientSampleId :
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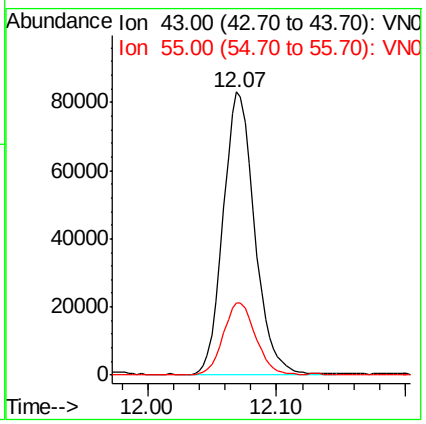
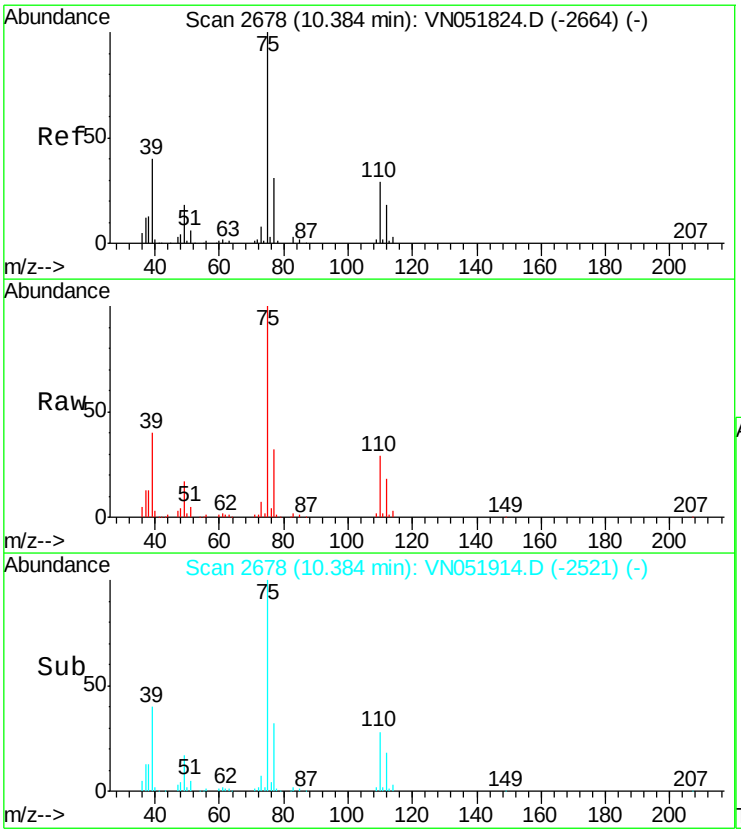
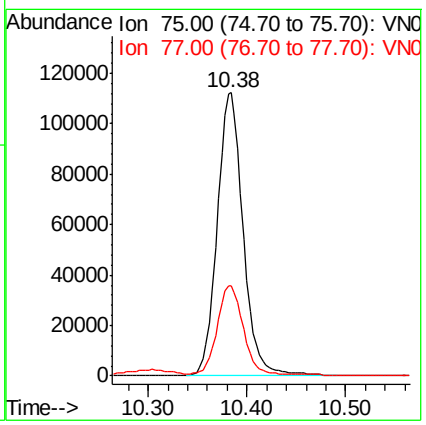


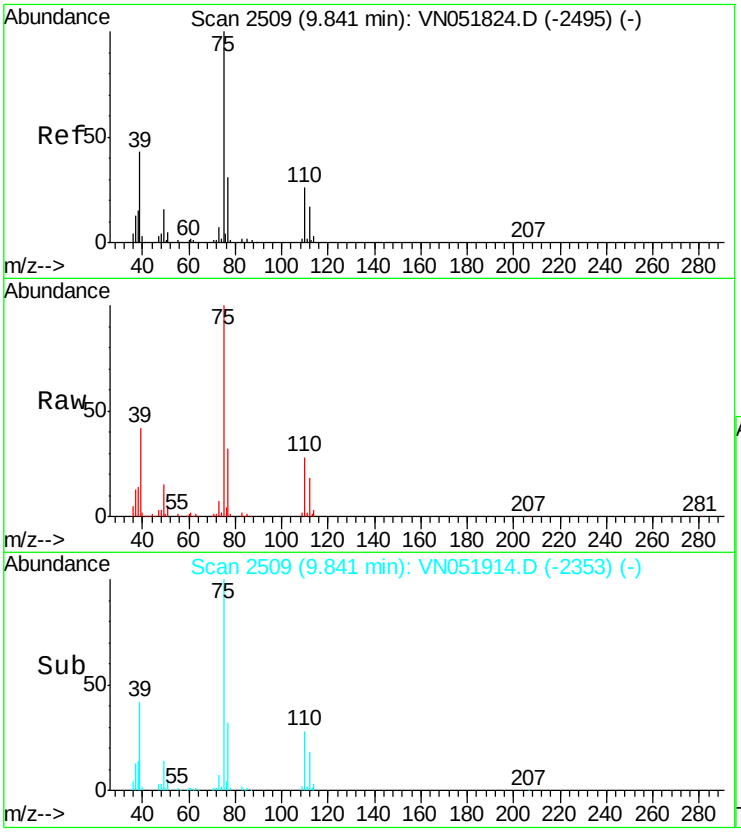


#48
t-1,3-Dichloropropene
Concen: 17.27 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 75 Resp: 207223

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	37.0

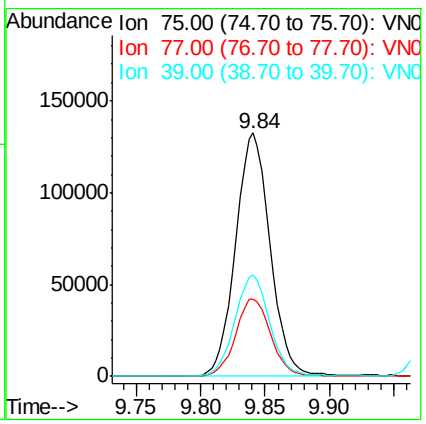




#49
cis-1,3-Dichloropropene
Concen: 18.71 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 75 Resp: 247505

Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.2	34.8
39	41.8	34.6	52.0



Instrument :
MSVOA_N
ClientSampleId :
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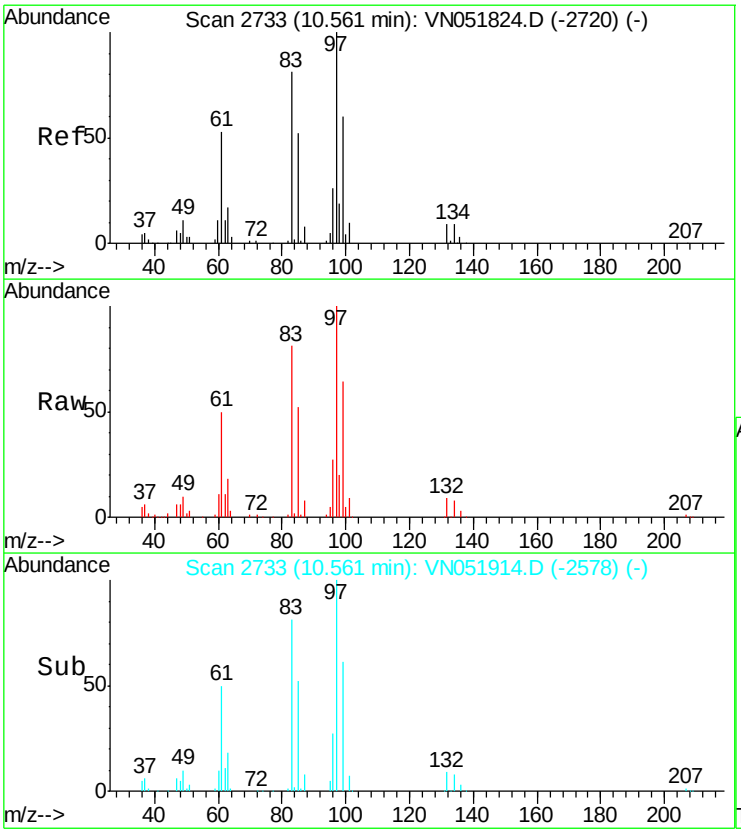
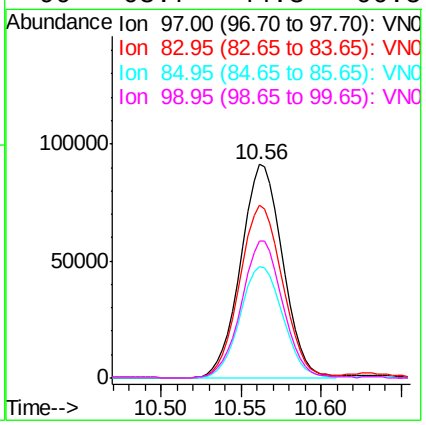
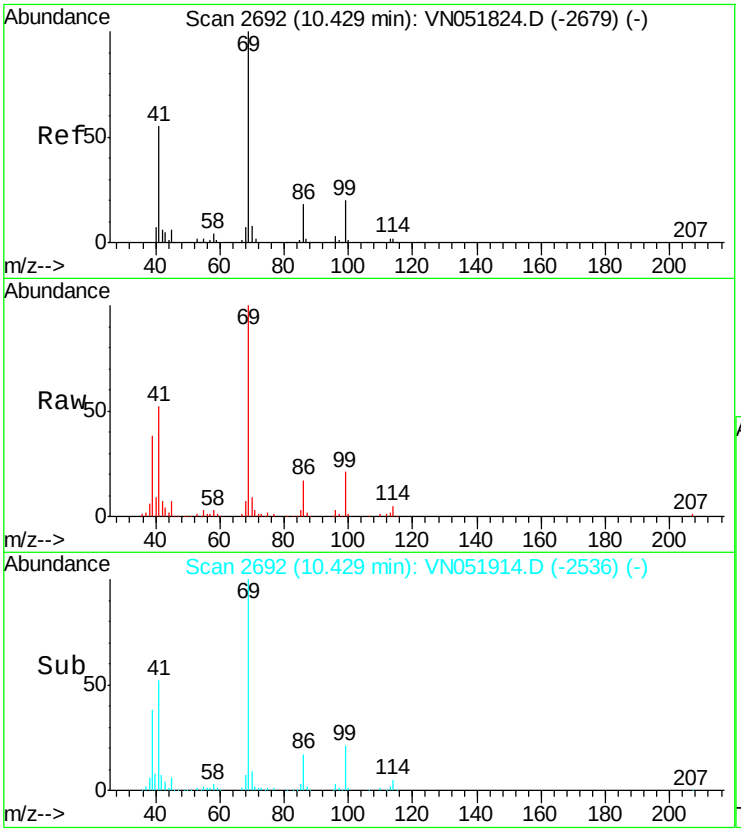


#50
1,1,2-Trichloroethane
Concen: 19.93 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 97 Resp: 164093

Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.2	102.4
85	52.4	42.5	63.7
99	63.7	44.3	66.5

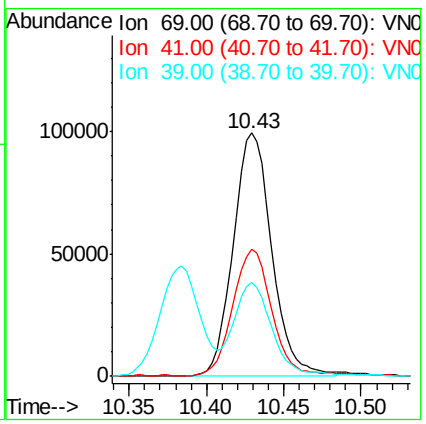




#51
Ethyl methacrylate
Concen: 18.30 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 69 Resp: 172504

Ion	Ratio	Lower	Upper
69	100		
41	51.7	34.4	103.1
39	37.5	16.3	48.8



Instrument :
MSVOA_N
ClientSampleId :
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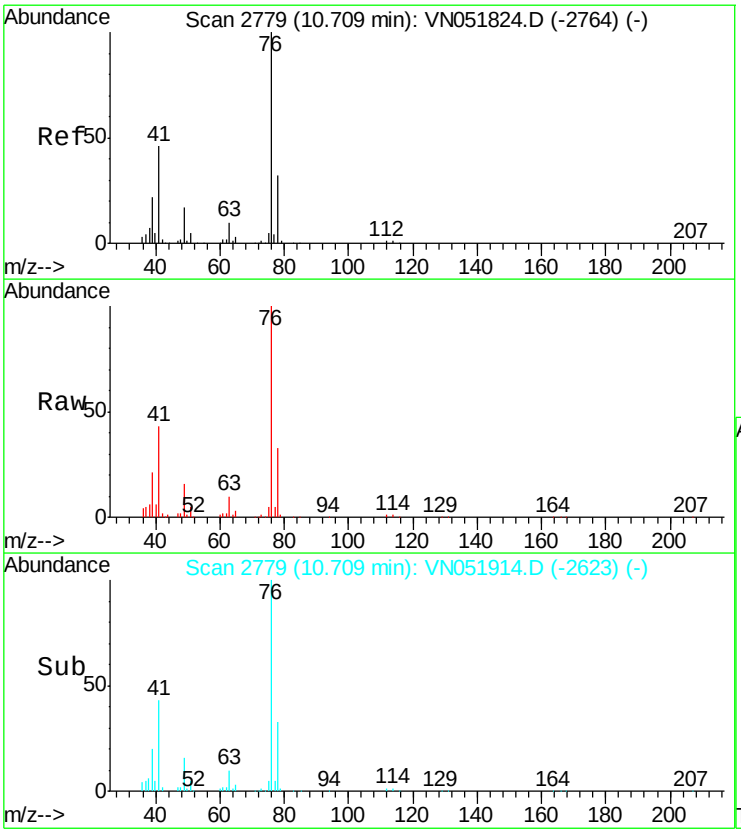
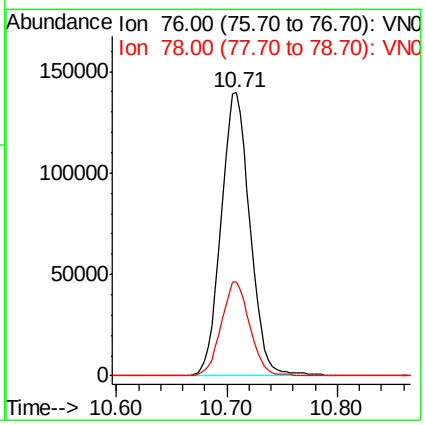
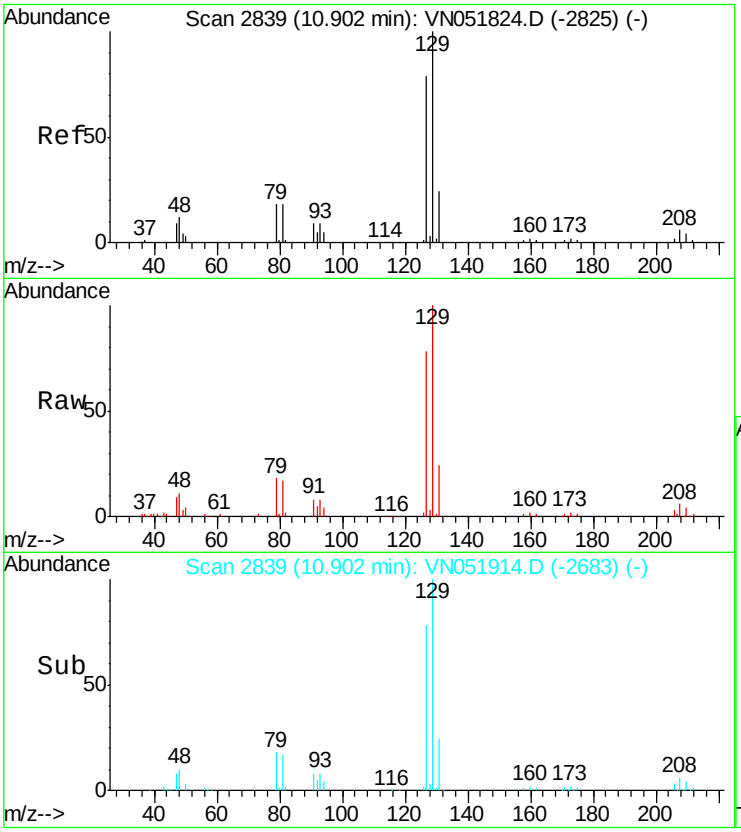


#52
1,3-Dichloropropane
Concen: 19.95 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 76 Resp: 253486

Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	67.6

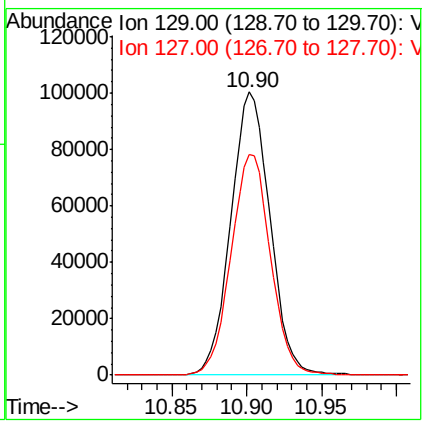




#53
Dibromochloromethane
Concen: 17.96 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:129 Resp: 182936

Ion	Ratio	Lower	Upper
129	100		
127	78.6	40.2	120.5



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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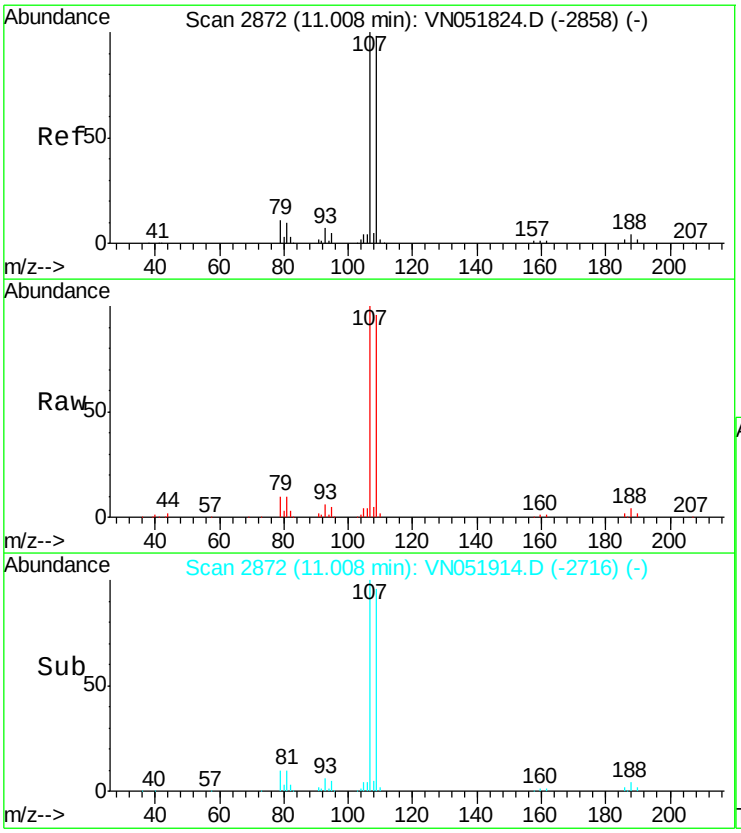
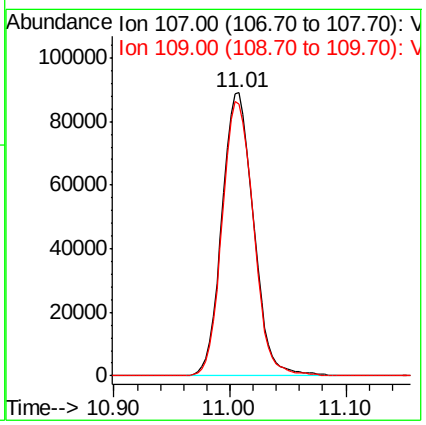
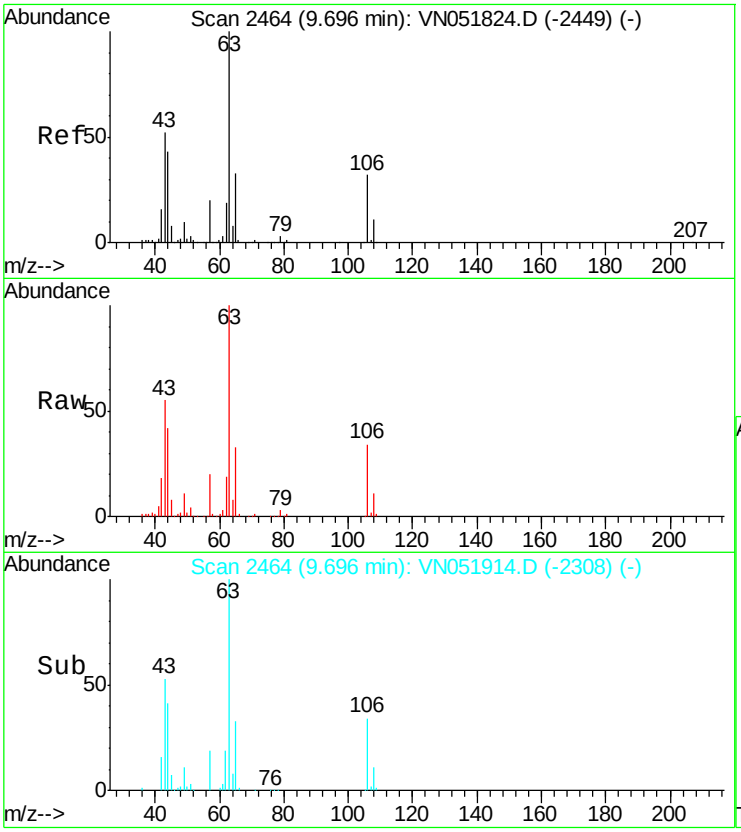


#54
1,2-Dibromoethane
Concen: 19.44 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:107 Resp: 167955

Ion	Ratio	Lower	Upper
107	100		
109	96.1	77.4	116.0

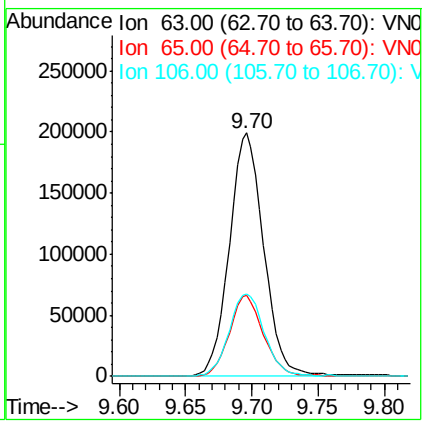




#55
2-Chloroethyl vinyl ether
Concen: 88.98 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 63 Resp: 358473

Ion	Ratio	Lower	Upper
63	100		
65	33.2	25.4	38.0
106	34.8	21.2	31.8#



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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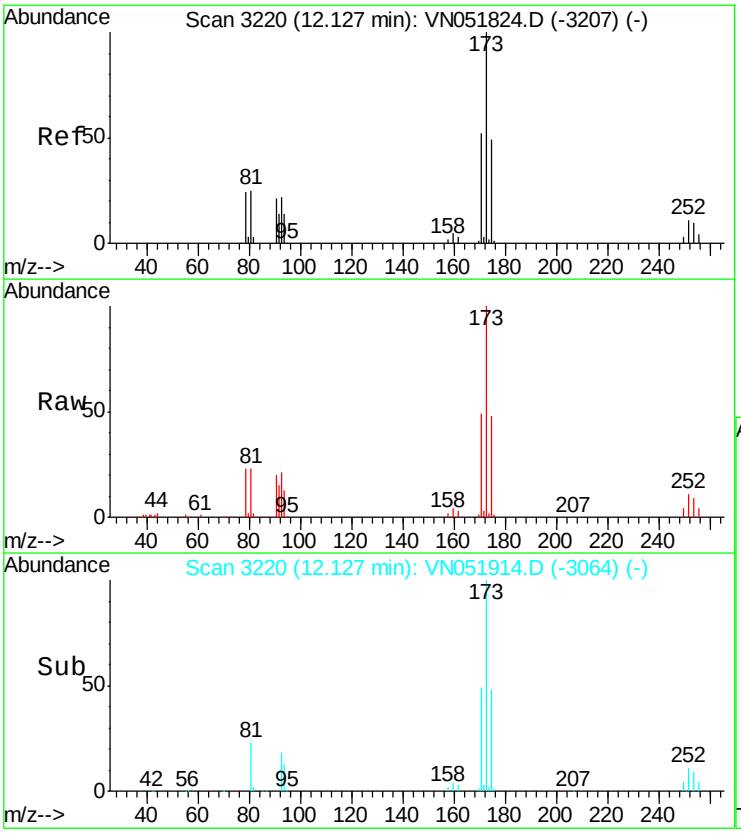
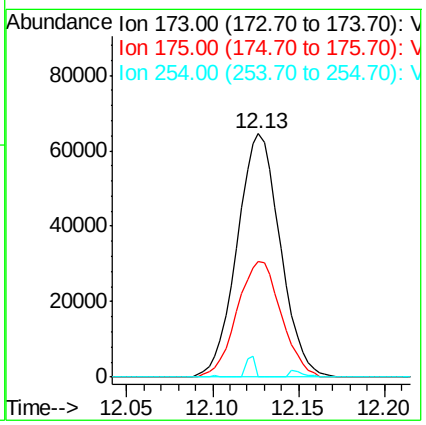
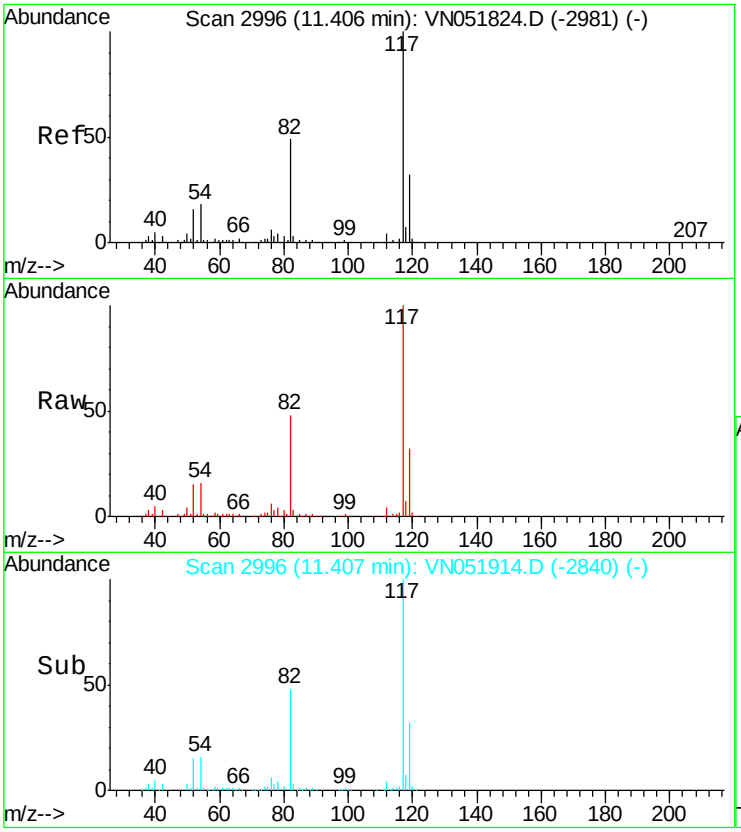


#56
Bromoform
Concen: 16.78 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:173 Resp: 112707

Ion	Ratio	Lower	Upper
173	100		
175	48.6	35.8	53.8
254	1.8	8.6	13.0#

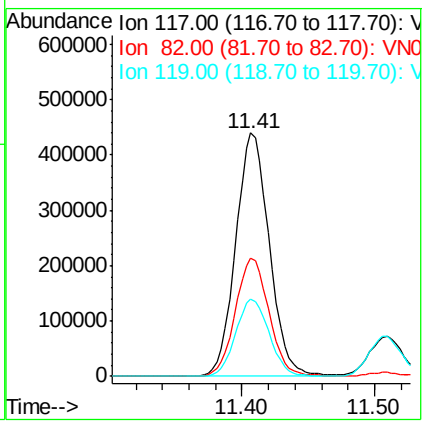




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:117 Resp: 776548

Ion	Ratio	Lower	Upper
117	100		
82	48.5	44.1	66.1
119	31.8	25.8	38.8



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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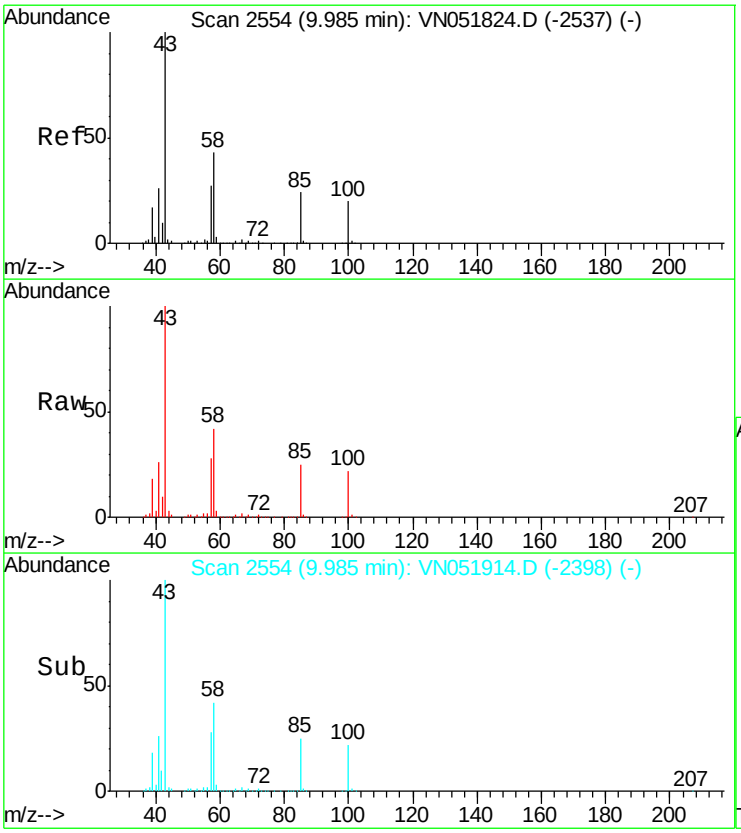
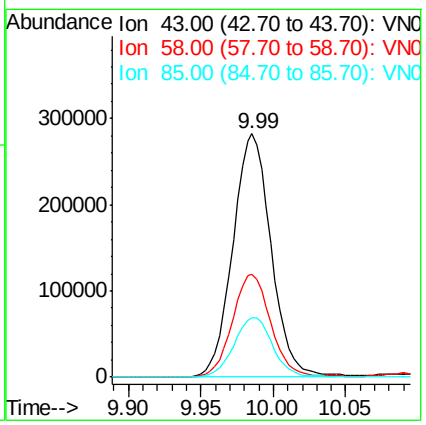
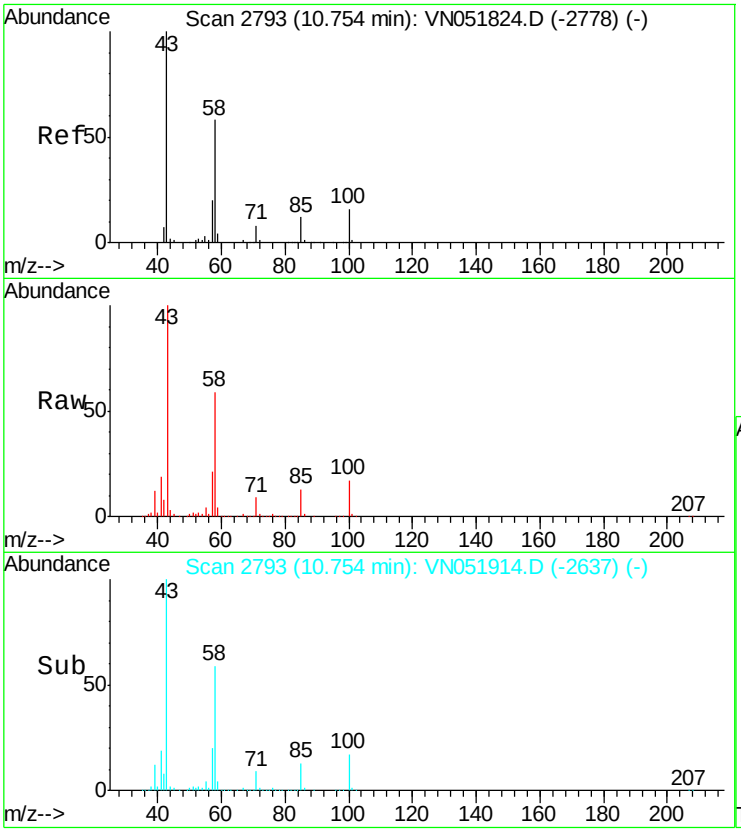


#58
4-Methyl-2-Pentanone
Concen: 98.90 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 513959

Ion	Ratio	Lower	Upper
43	100		
58	42.5	29.3	43.9
85	25.1	12.6	18.8#





#59
2-Hexanone
Concen: 90.65 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 43 Resp: 317819

Ion	Ratio	Lower	Upper
43	100		
58	59.7	41.3	61.9
57	20.7	13.4	20.0#

Instrument :
MSVOA_N
ClientSampleId :
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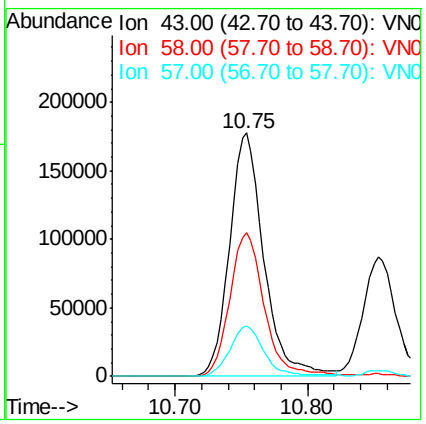
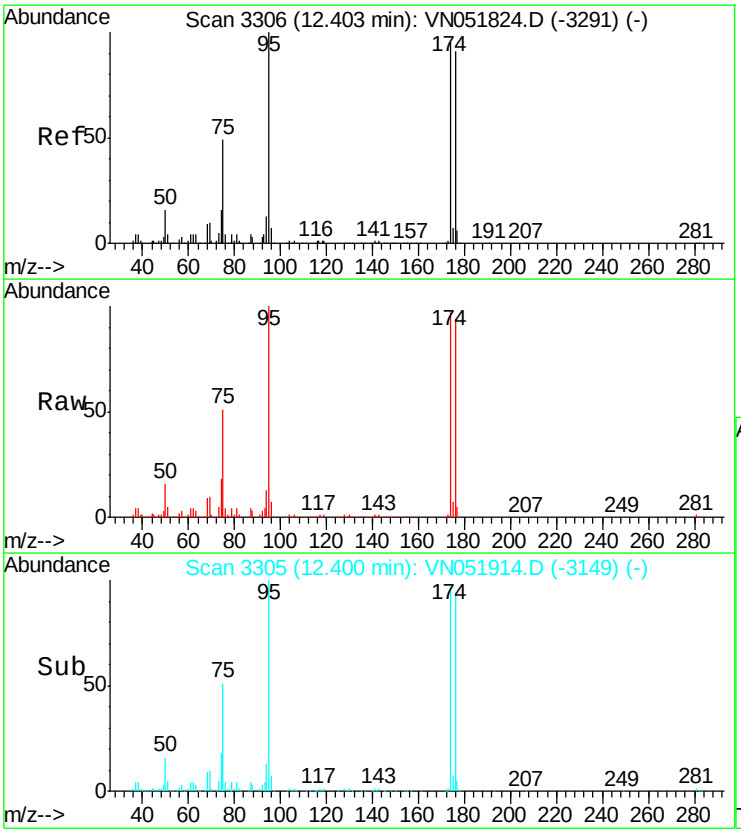
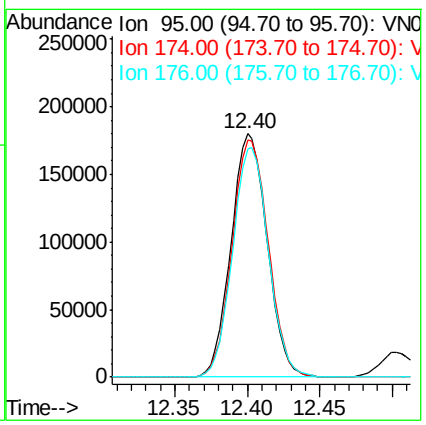


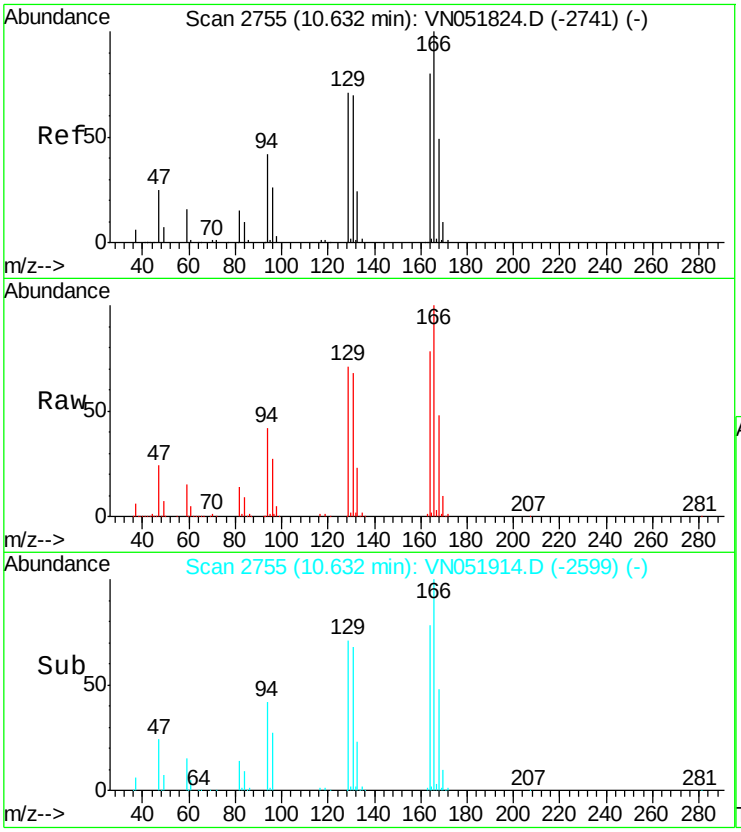


#60
4-Bromofluorobenzene
Concen: 90.65 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 95 Resp: 311644

Ion	Ratio	Lower	Upper
95	100		
174	97.9	73.5	110.3
176	93.7	70.2	105.2

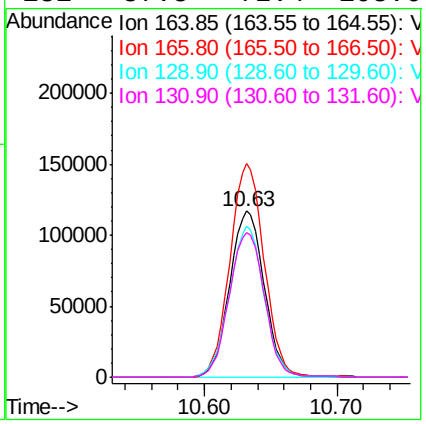




#61
Tetrachloroethene
Concen: 21.42 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:164 Resp: 212701

Ion	Ratio	Lower	Upper
164	100		
166	128.8	98.7	148.1
129	91.3	69.6	104.4
131	87.3	72.4	108.6



Instrument :
MSVOA_N
ClientSampleId :
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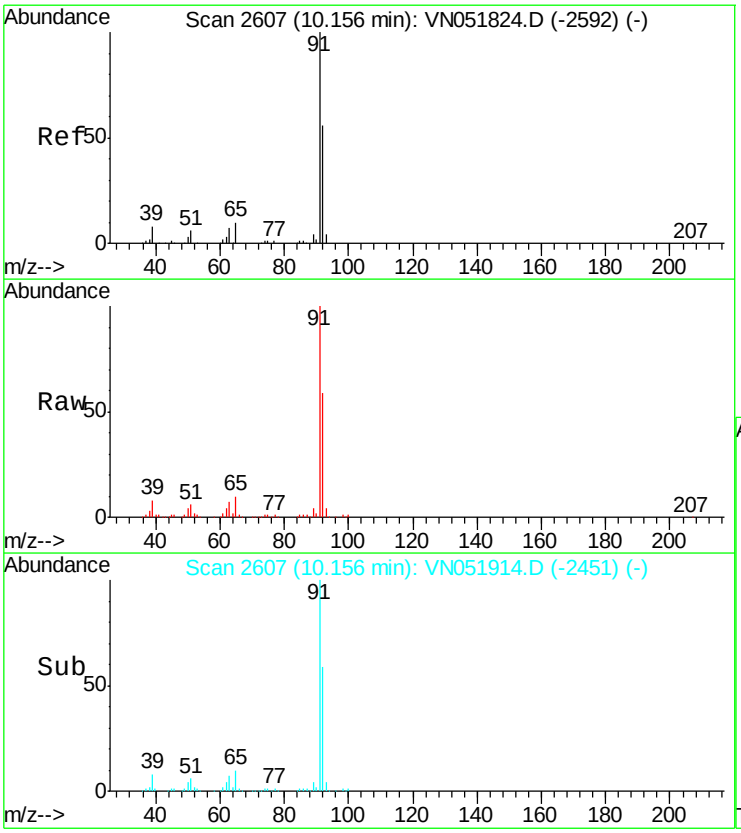
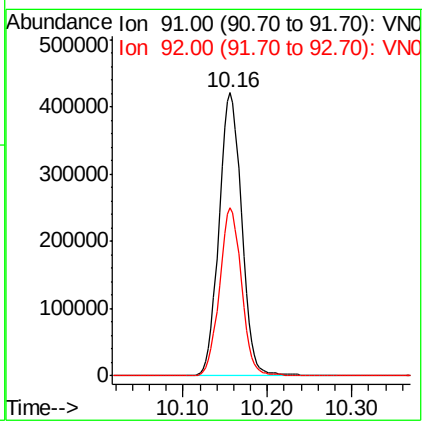
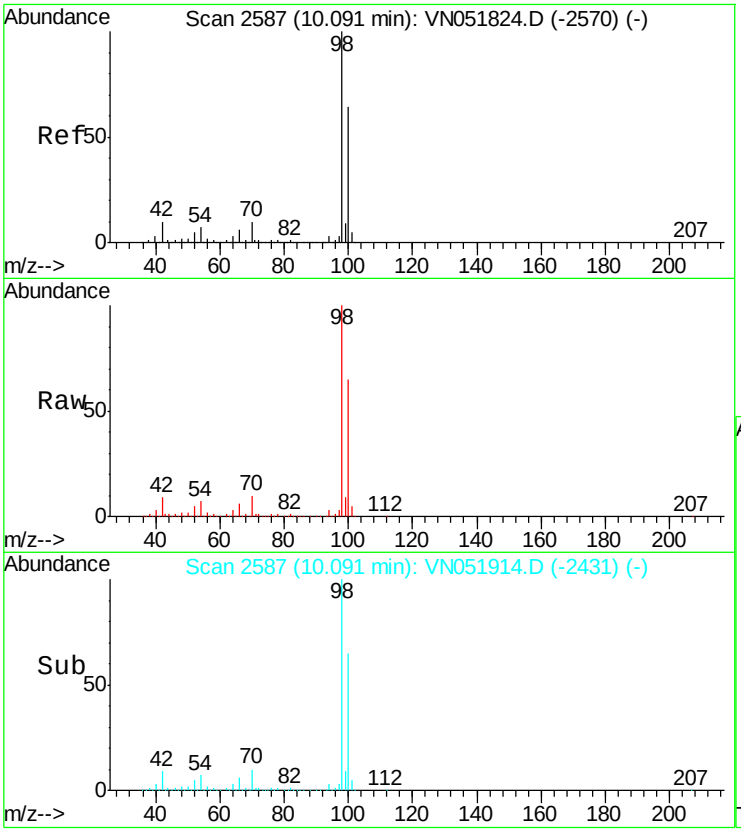


#62
Toluene
Concen: 20.40 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 91 Resp: 786945

Ion	Ratio	Lower	Upper
91	100		
92	57.9	44.6	66.8





#63
Toluene-d8
Concen: 20.40 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 98 Resp: 1025080

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
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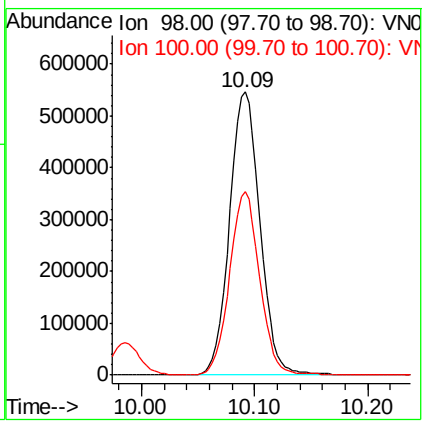
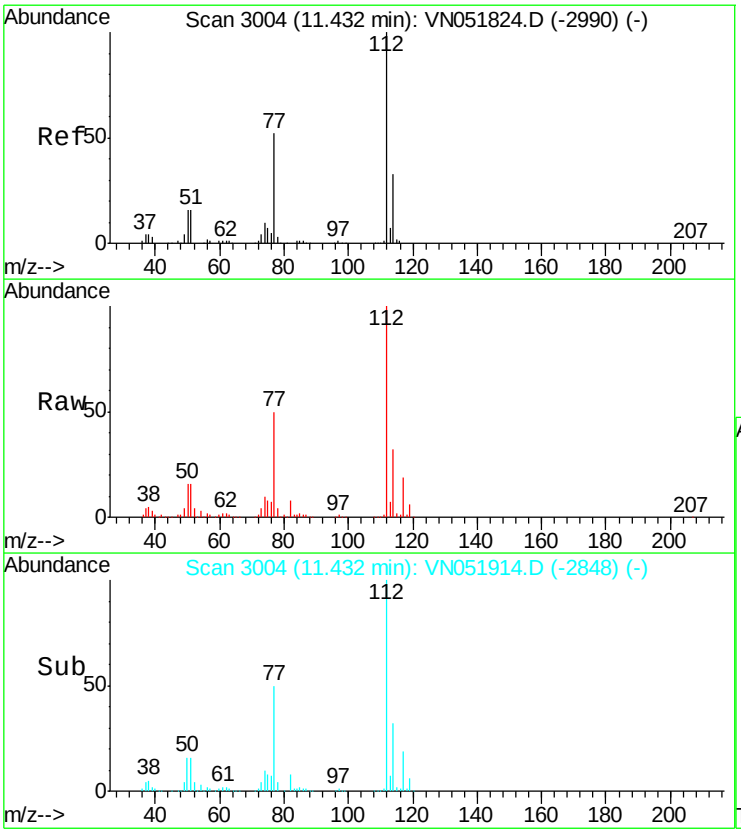
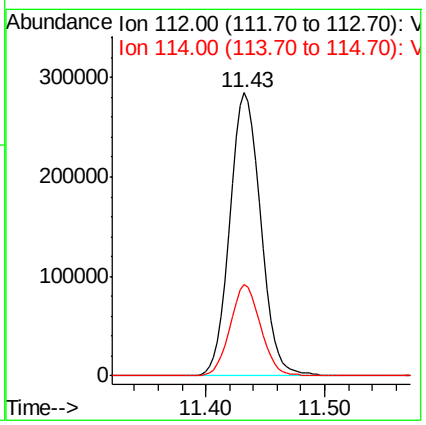


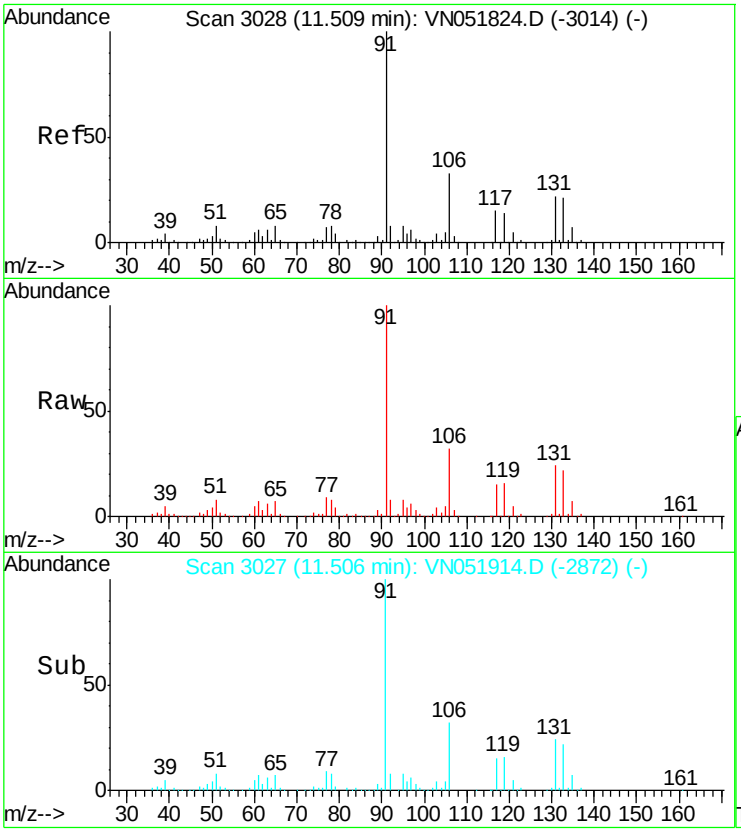


#64
Chlorobenzene
Concen: 20.31 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:112 Resp: 513037

Ion	Ratio	Lower	Upper
112	100		
114	32.2	27.5	41.3

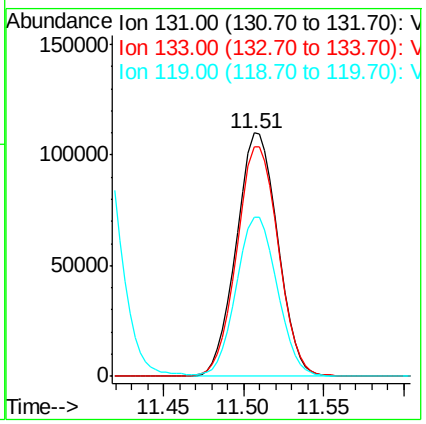




#65
1,1,1,2-Tetrachloroethane
Concen: 20.07 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:131 Resp: 194620

Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	190.4
119	65.0	0.0	128.0



Instrument :
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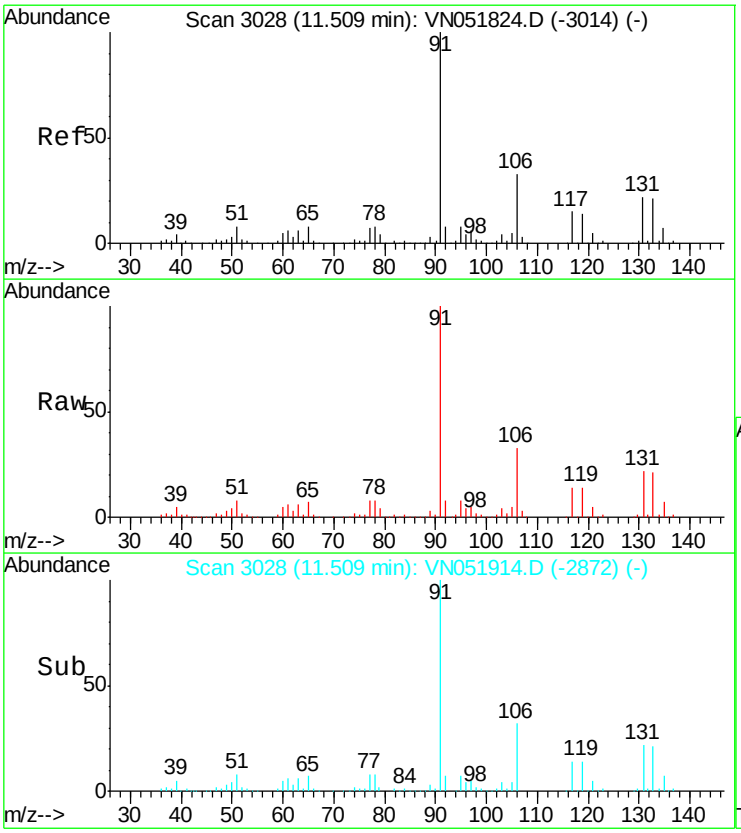
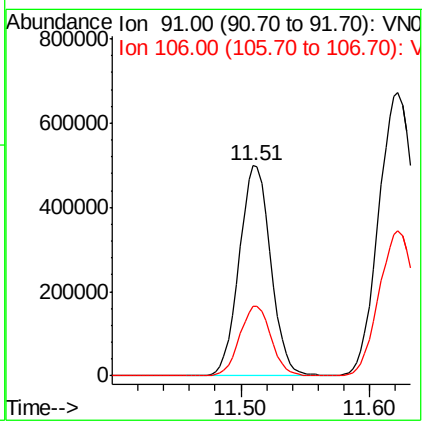
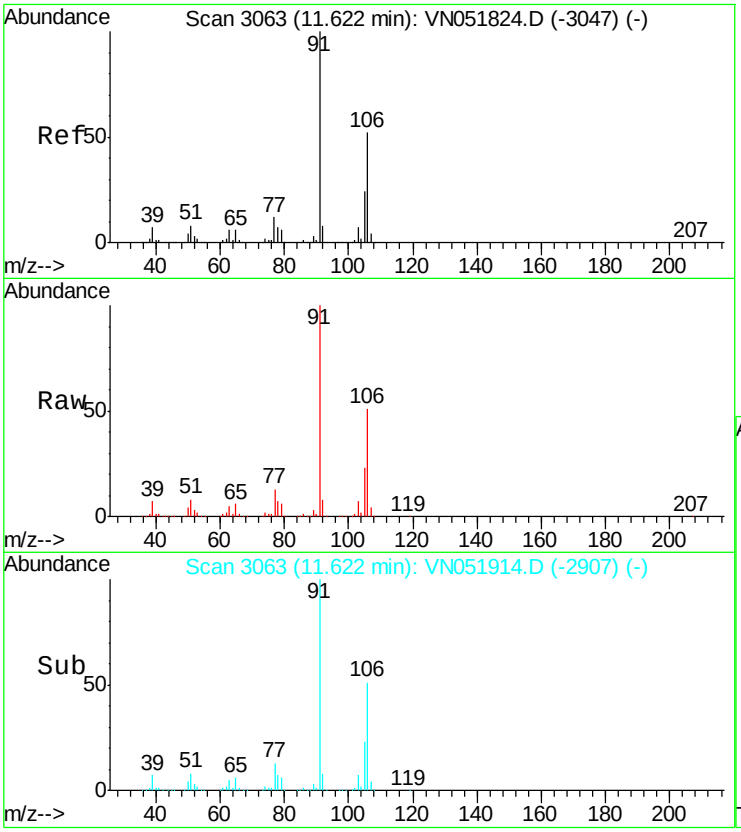


#66
Ethyl Benzene
Concen: 19.99 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 91 Resp: 852347

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.9	38.9

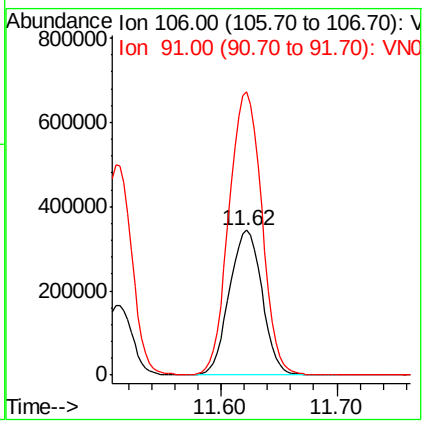




#67
m/p-Xylenes
Concen: 39.14 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:106 Resp: 676474

Ion	Ratio	Lower	Upper
106	100		
91	196.1	158.8	238.2



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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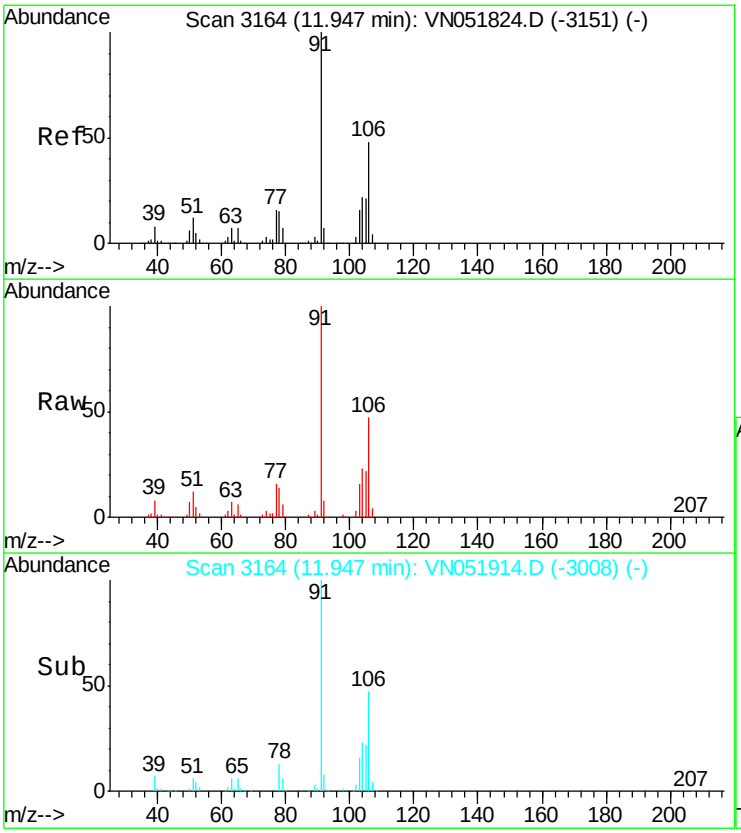
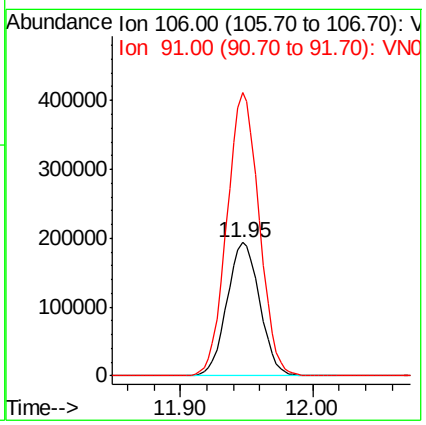
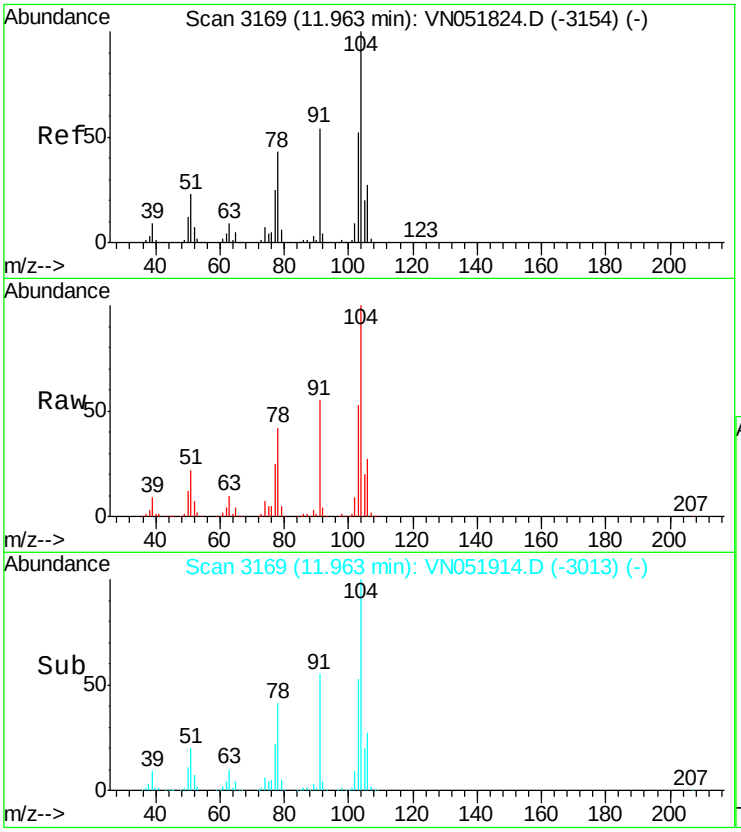


#68
o-Xylene
Concen: 19.50 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:106 Resp: 332366

Ion	Ratio	Lower	Upper
106	100		
91	209.1	111.1	333.3

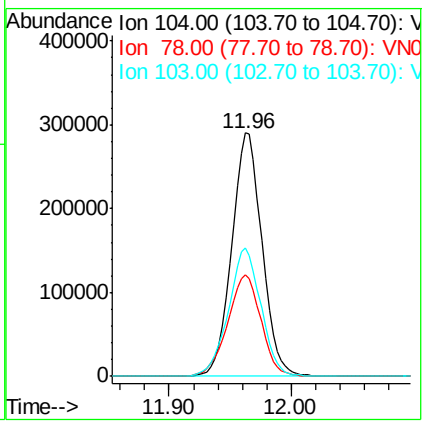




#69
Styrene
Concen: 19.07 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:104 Resp: 498540

Ion	Ratio	Lower	Upper
104	100		
78	46.2	40.6	60.8
103	56.7	44.0	66.0



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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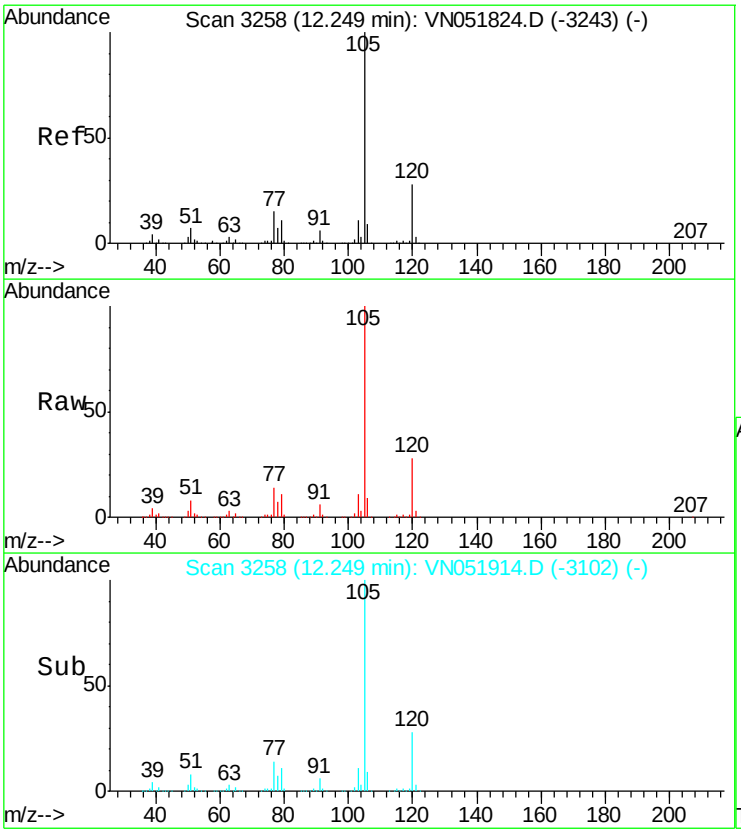
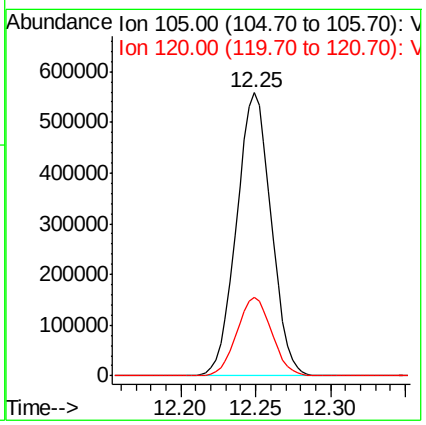
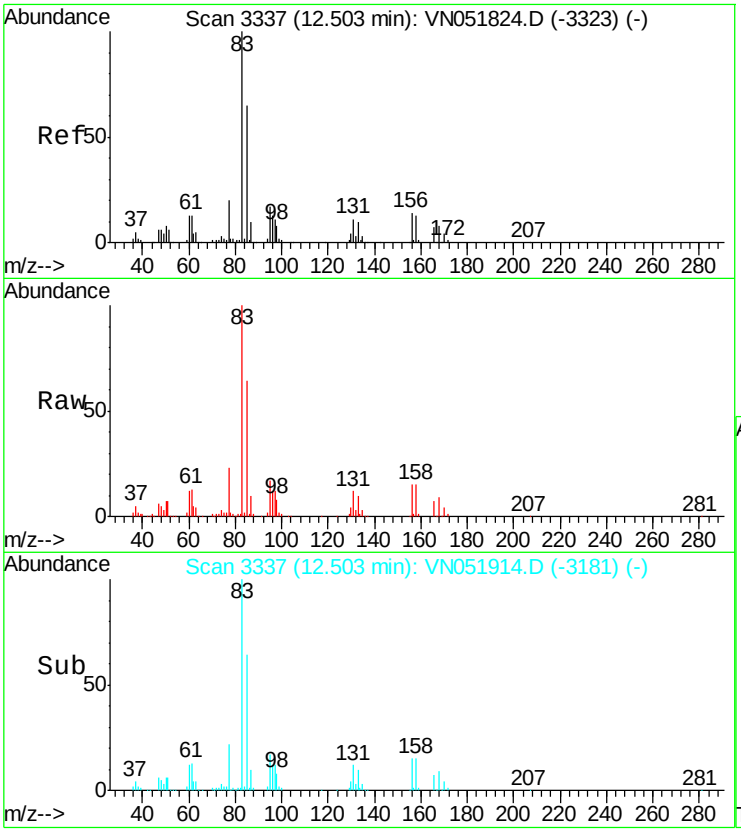


#70
Isopropylbenzene
Concen: 19.78 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:105 Resp: 898804

Ion	Ratio	Lower	Upper
105	100		
120	27.9	19.0	35.4

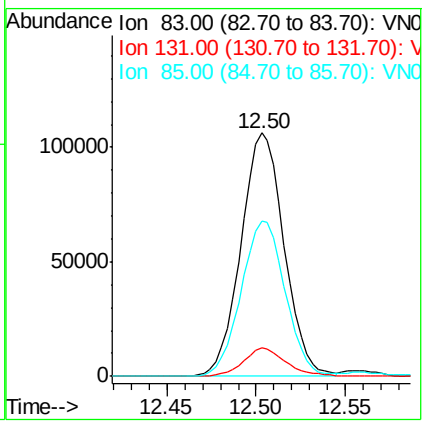




#71
1,1,2,2-Tetrachloroethane
Concen: 20.01 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 83 Resp: 179548

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.4
85	65.3	30.6	91.8



Instrument :
MSVOA_N
ClientSampleId :
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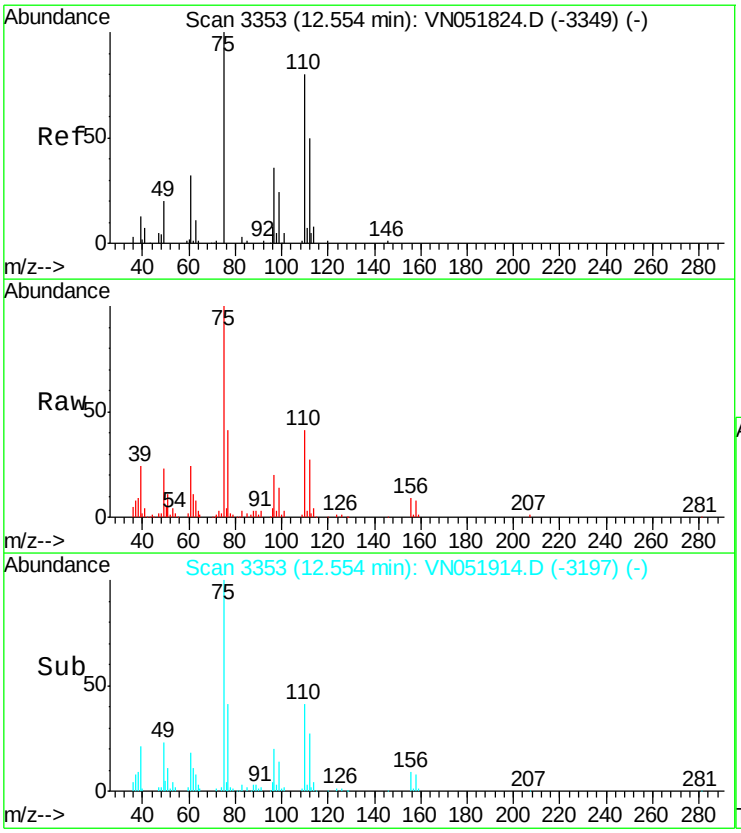
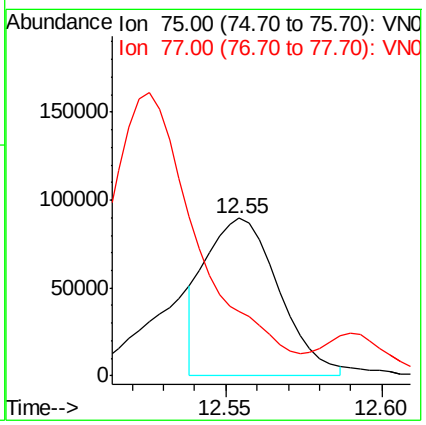
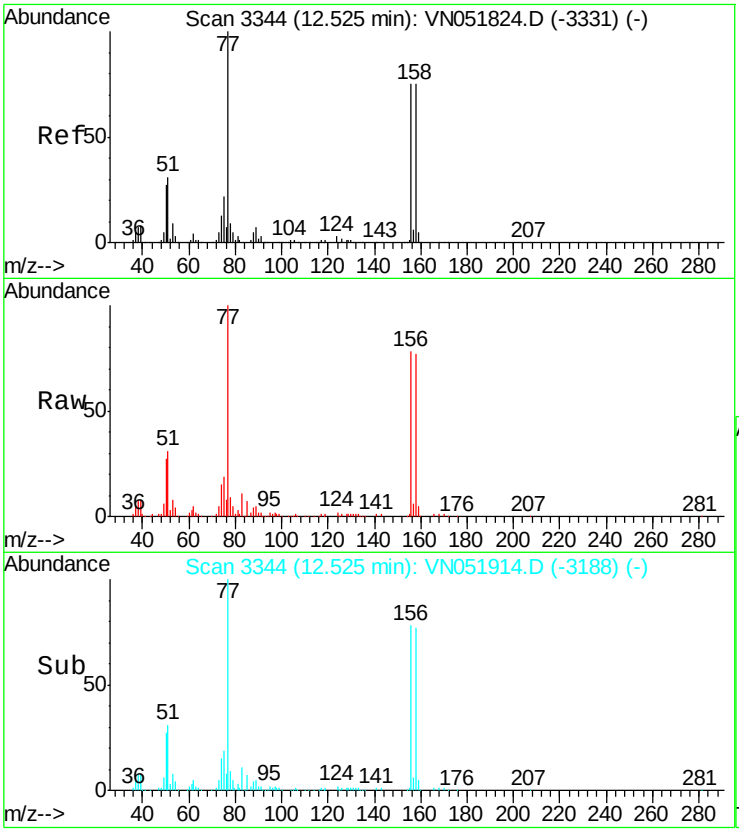


#72
1,2,3-Trichloropropane
Concen: 20.69 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 75 Resp: 146068

Ion	Ratio	Lower	Upper
75	100		
77	223.5	0.0	400.0

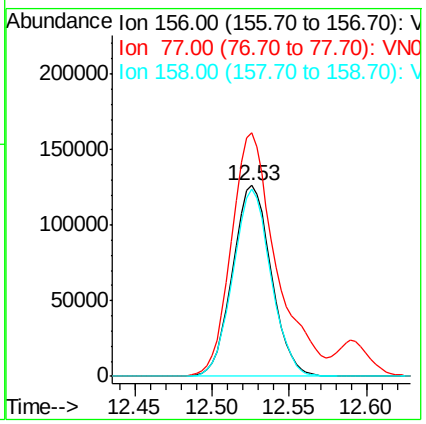




#73
Bromobenzene
Concen: 19.53 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:156 Resp: 219805

Ion	Ratio	Lower	Upper
156	100		
77	148.5	0.0	377.4
158	96.4	0.0	203.0



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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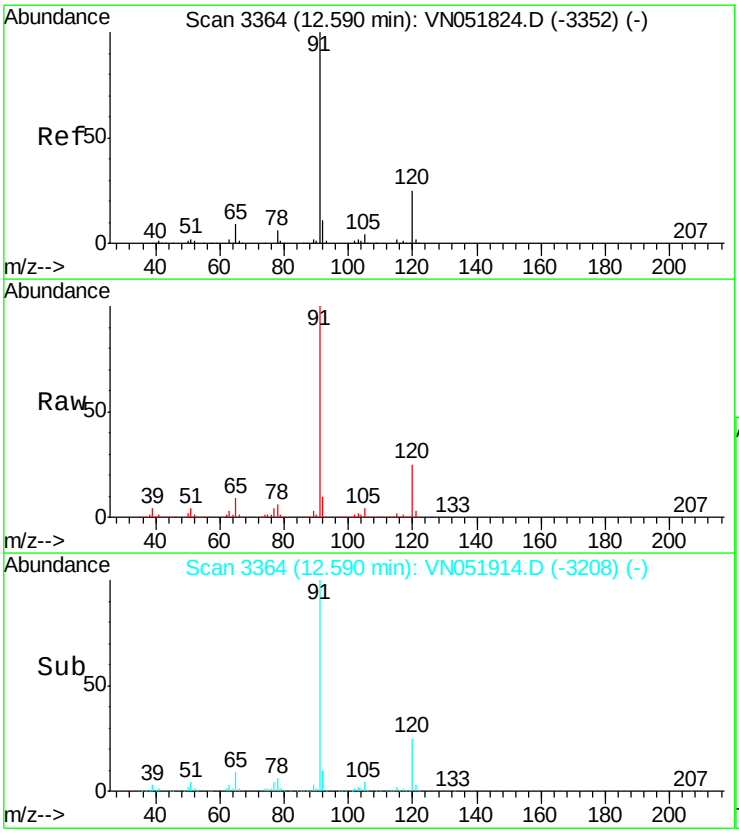
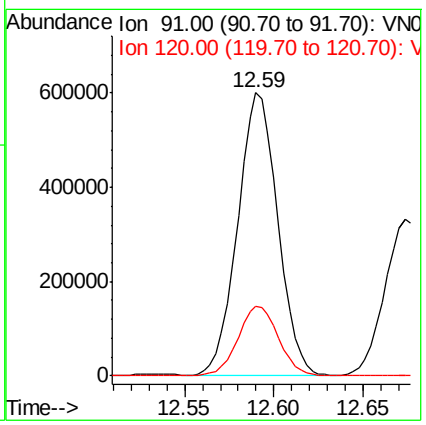
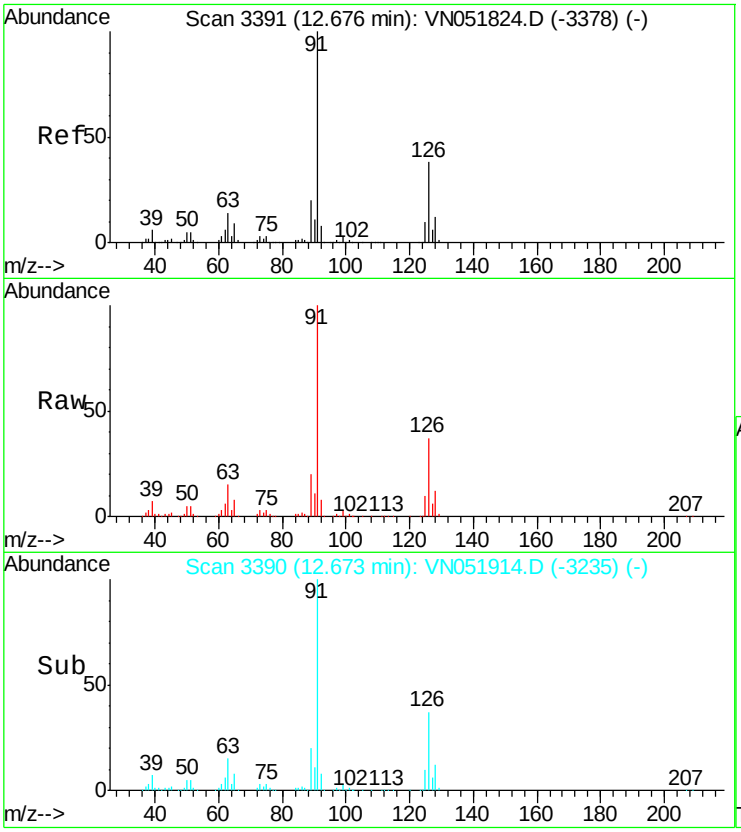


#74
n-propylbenzene
Concen: 19.25 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 91 Resp: 940841

Ion	Ratio	Lower	Upper
91	100		
120	24.8	0.0	45.0

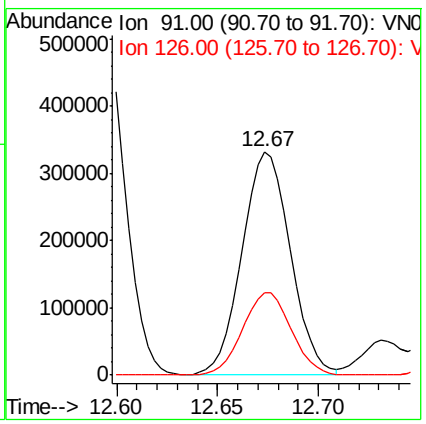




#75
2-Chlorotoluene
Concen: 19.51 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 91 Resp: 559110

Ion	Ratio	Lower	Upper
91	100		
126	37.2	0.0	67.6



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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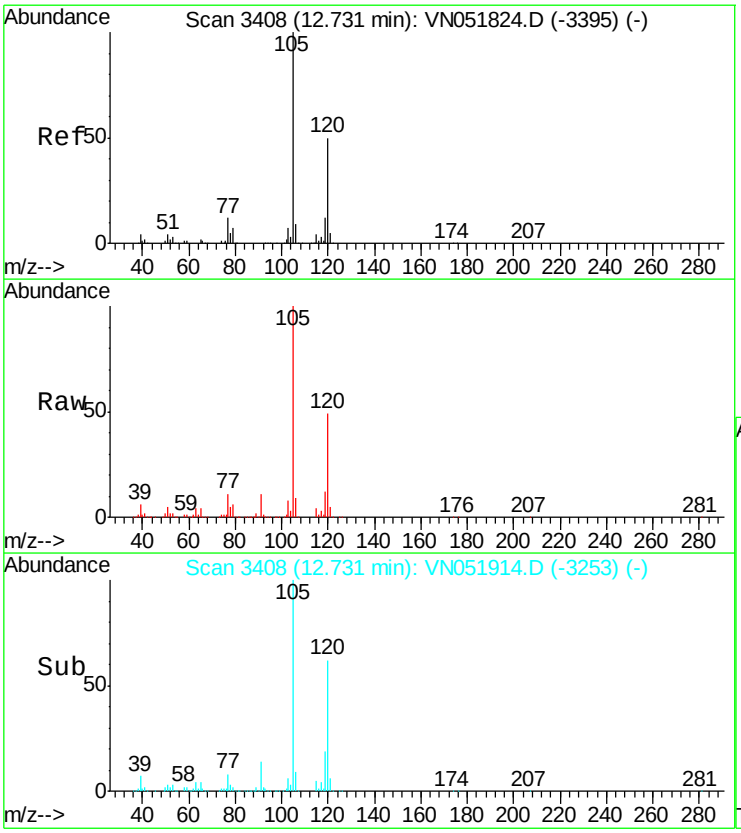
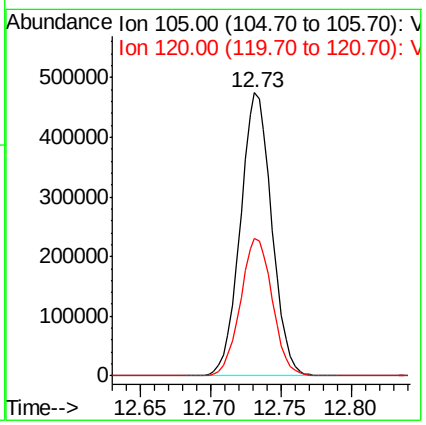
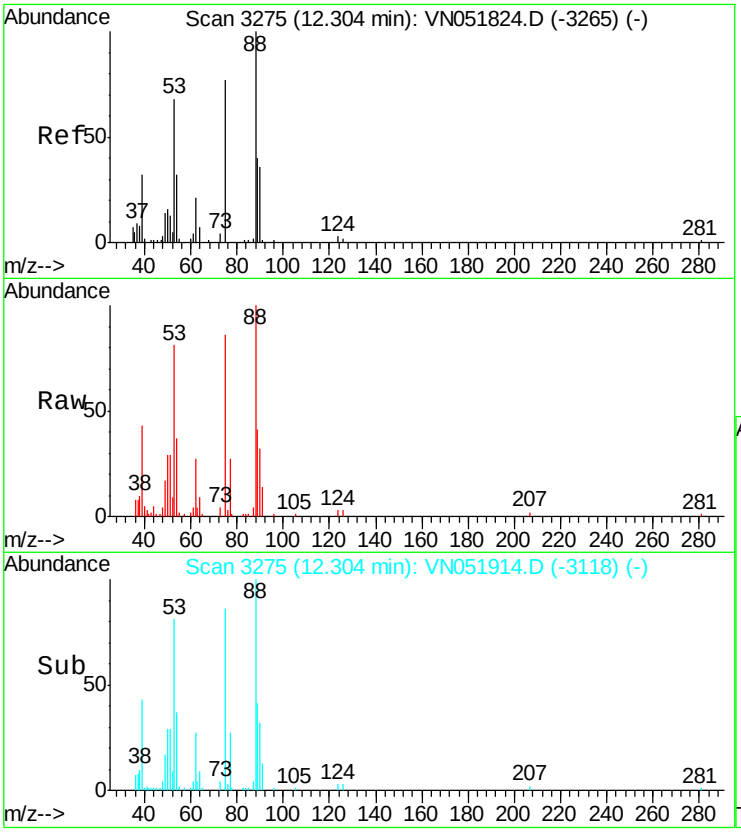


#76
1,3,5-Trimethylbenzene
Concen: 19.70 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:105 Resp: 740157

Ion	Ratio	Lower	Upper
105	100		
120	49.3	0.0	98.2

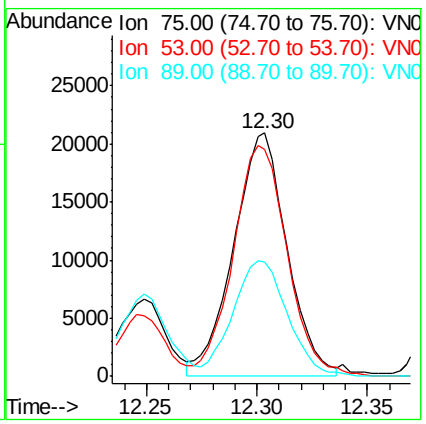




#77
t-1,4-Dichloro-2-butene
Concen: 15.11 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 75 Resp: 35283

Ion	Ratio	Lower	Upper
75	100		
53	92.4	46.3	138.9
89	47.1	24.6	73.8



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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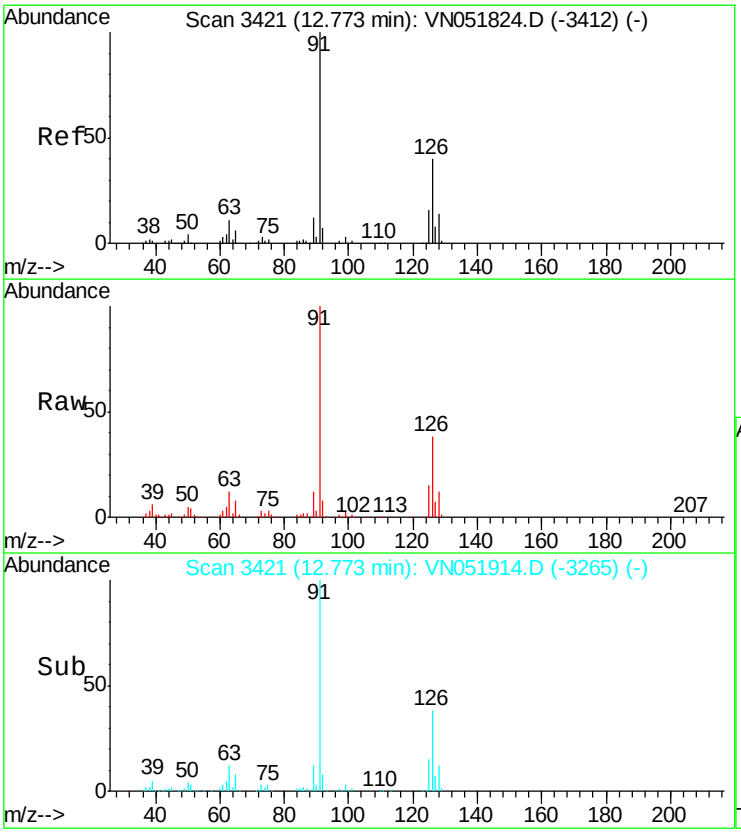
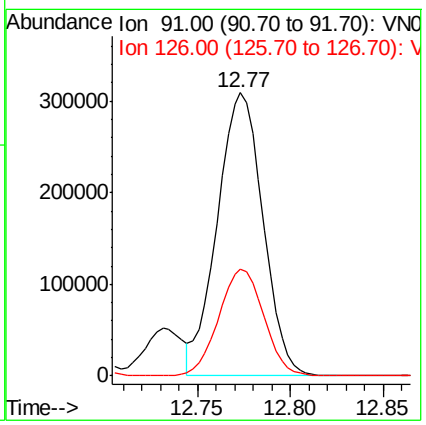
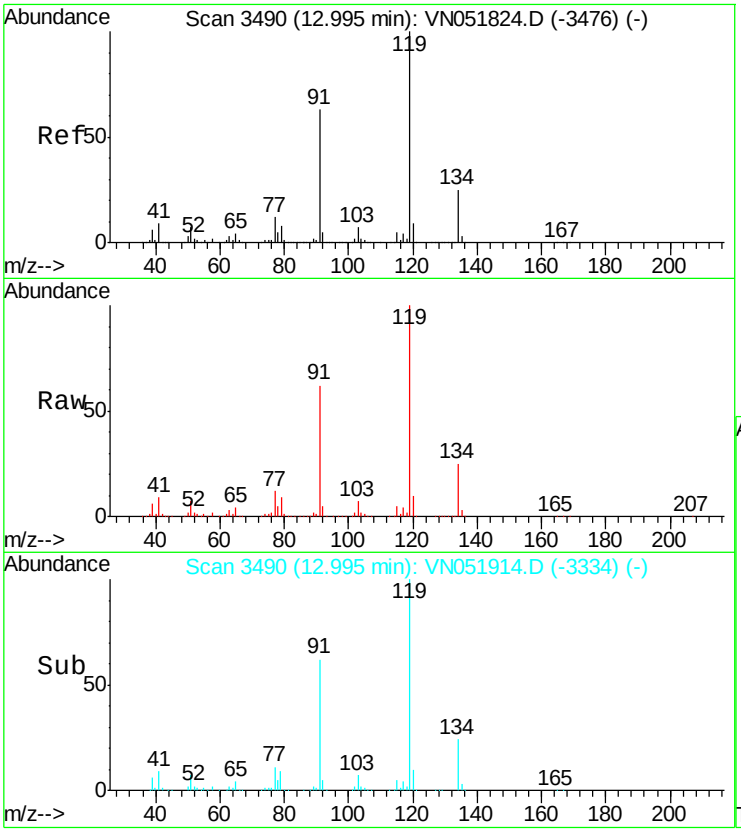


#78
4-Chlorotoluene
Concen: 18.73 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 91 Resp: 527421

Ion	Ratio	Lower	Upper
91	100		
126	37.2	0.0	65.2

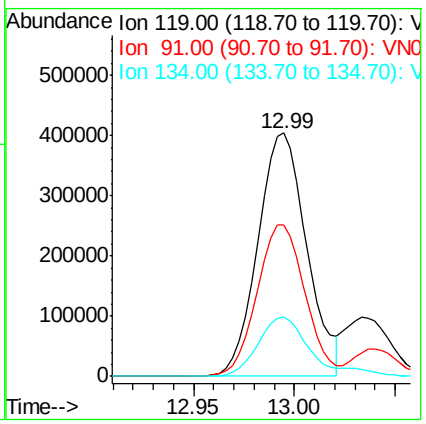




#79
tert-butylbenzene
Concen: 19.73 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:119 Resp: 681972

Ion	Ratio	Lower	Upper
119	100		
91	60.9	0.0	131.6
134	24.0	0.0	46.2



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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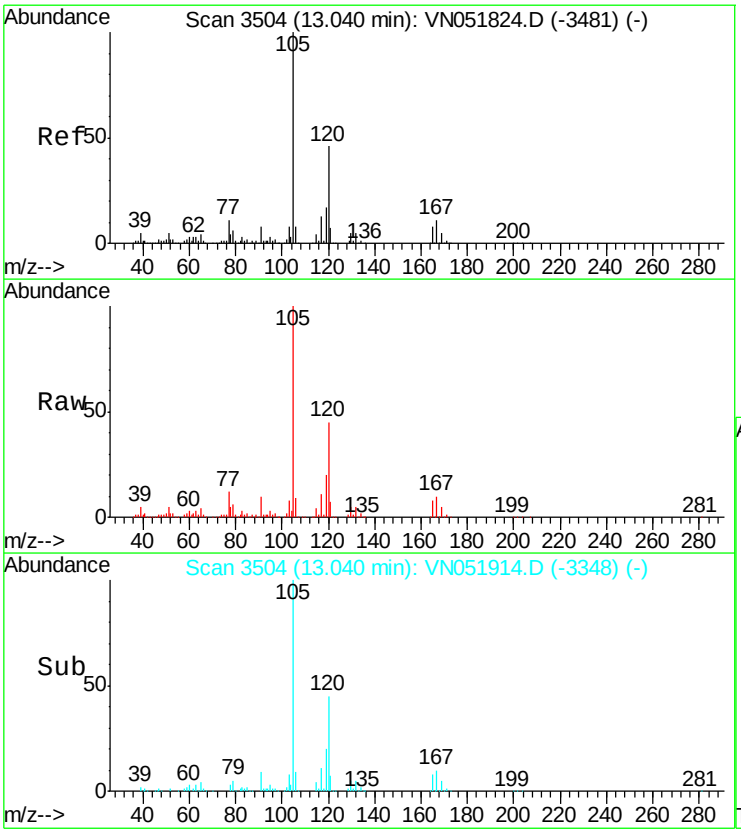
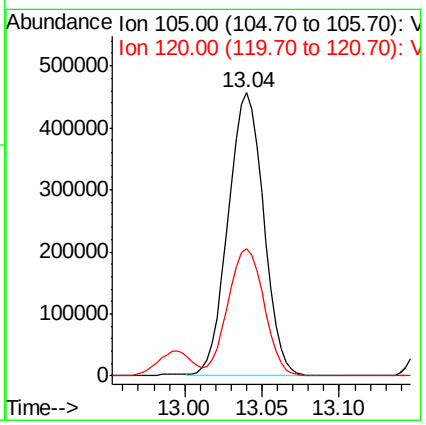
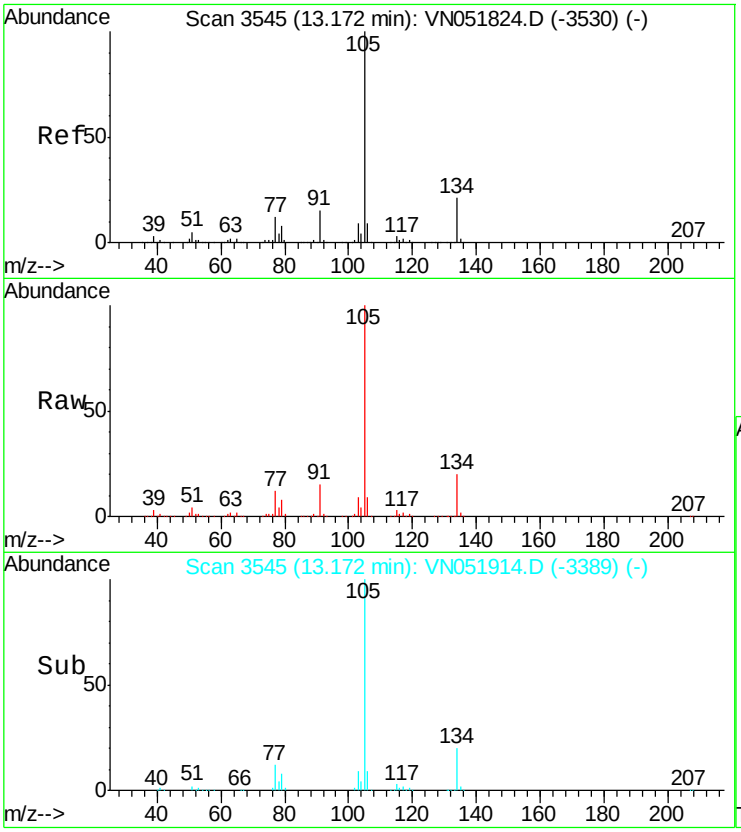


#80
1,2,4-Trimethylbenzene
Concen: 19.40 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:105 Resp: 728520

Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	89.6

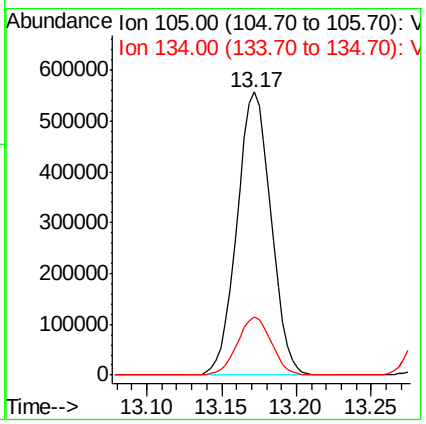




#81
sec-Butylbenzene
Concen: 19.52 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:105 Resp: 882259

Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	39.4



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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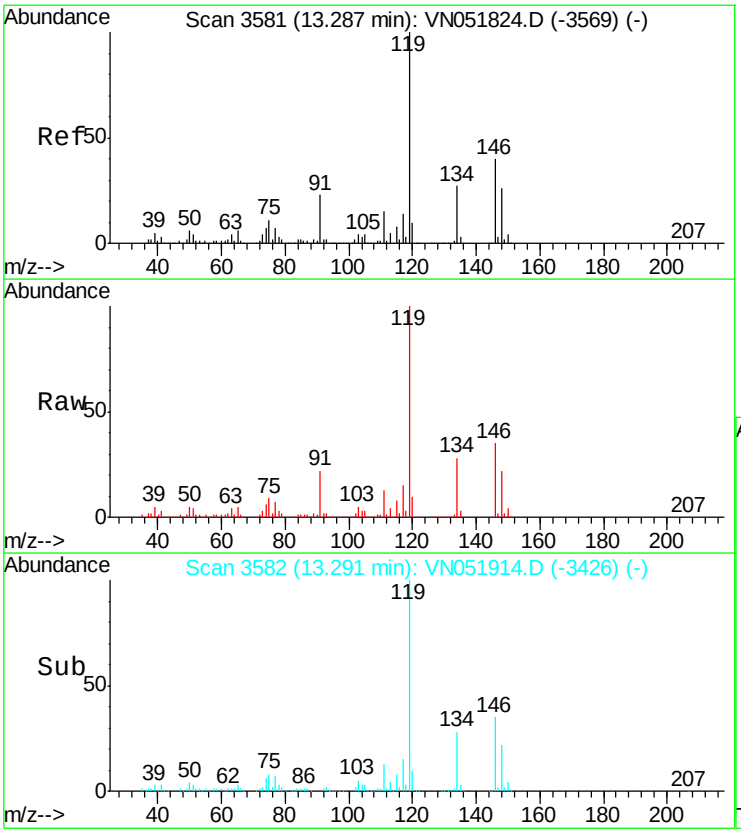
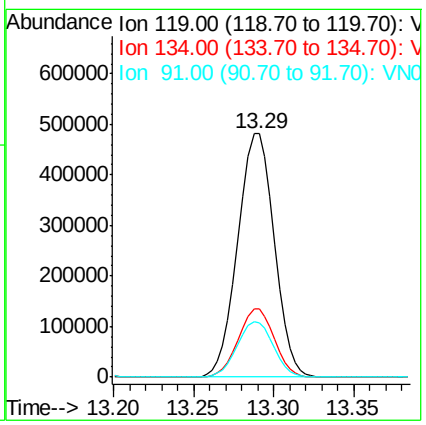
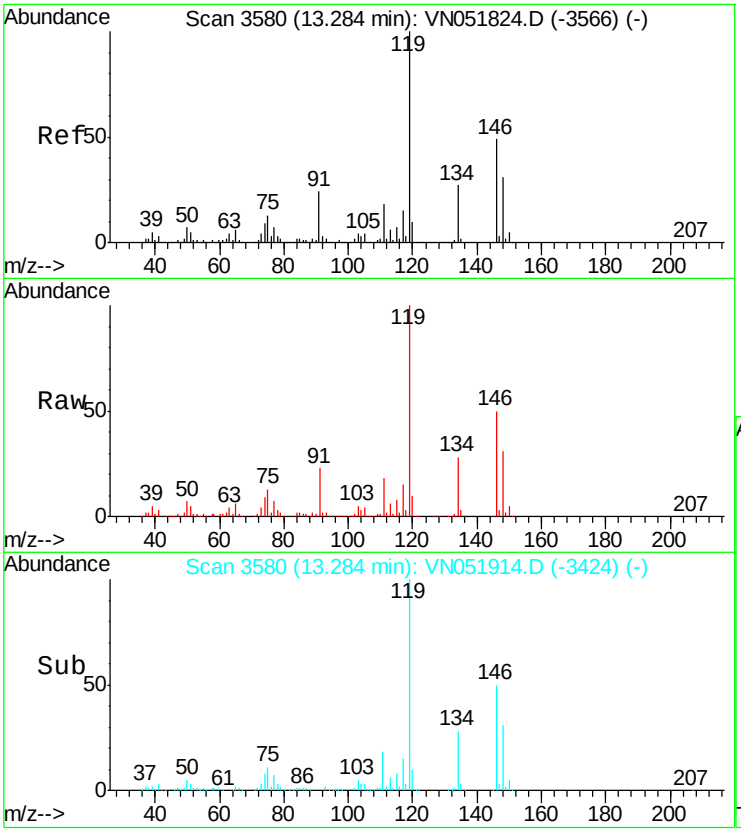


#82
p-Isopropyltoluene
Concen: 18.46 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:119 Resp: 746884

Ion	Ratio	Lower	Upper
119	100		
134	27.5	0.0	53.6
91	22.6	0.0	52.0

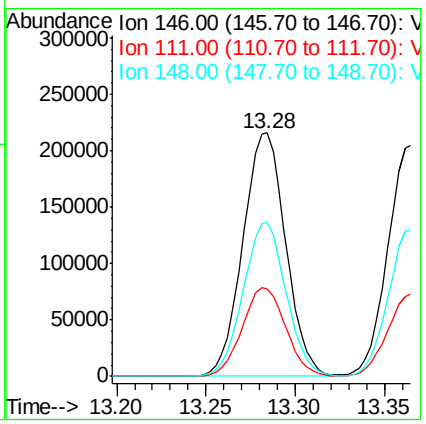




#83
1,3-Dichlorobenzene
Concen: 18.22 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:146 Resp: 361889

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.3
148	63.2	31.3	93.8



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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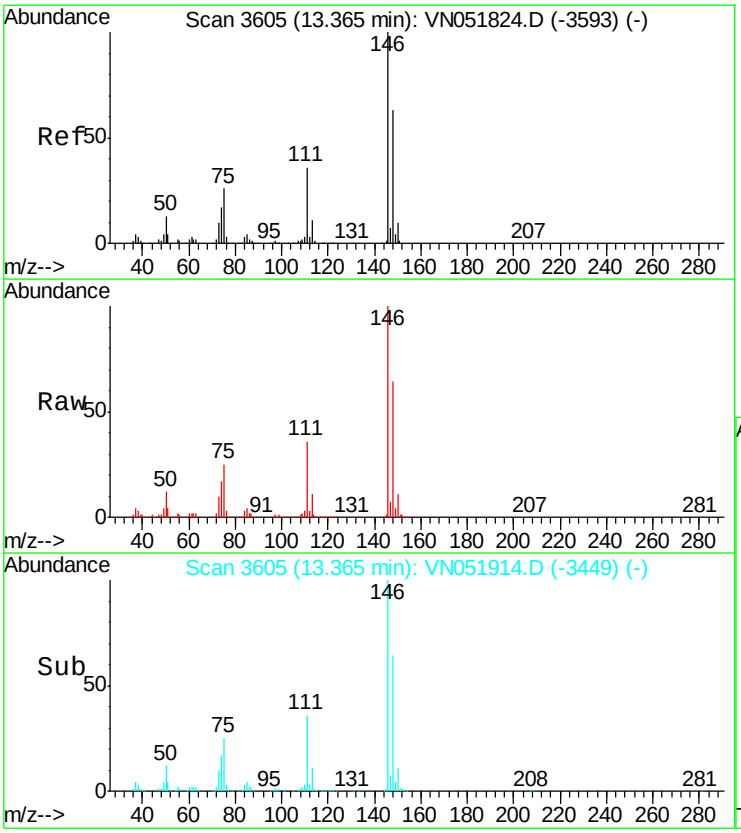
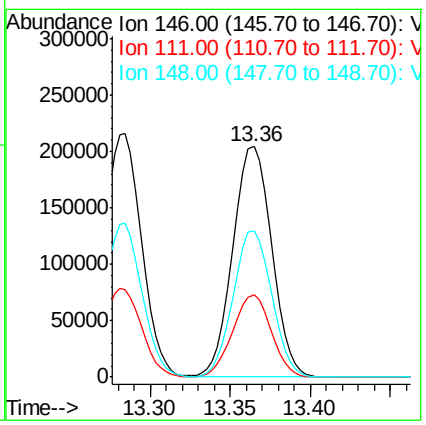
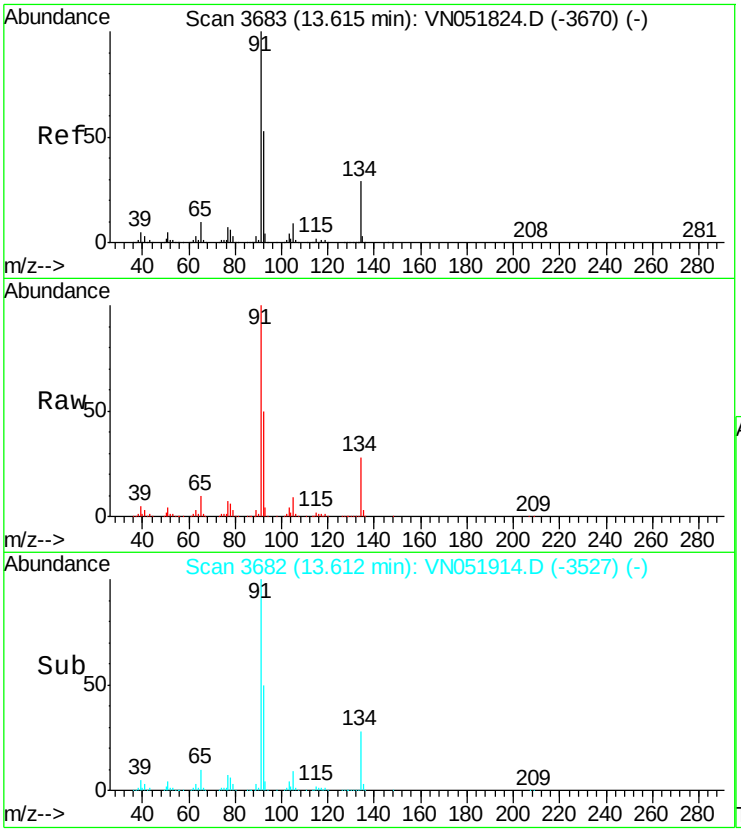


#84
1,4-Dichlorobenzene
Concen: 18.17 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:146 Resp: 339694

Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.4	52.2
148	62.8	32.8	98.3

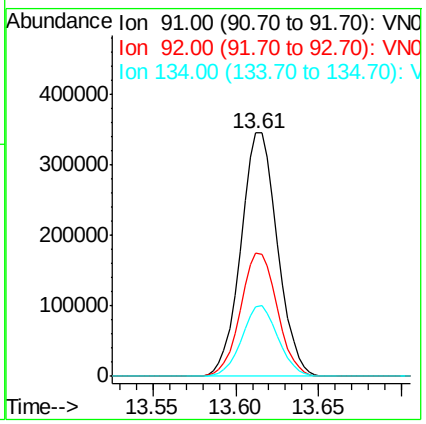




#85
n-Butylbenzene
Concen: 17.37 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 91 Resp: 529929

Ion	Ratio	Lower	Upper
91	100		
92	51.0	0.0	97.4
134	28.5	0.0	49.6



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
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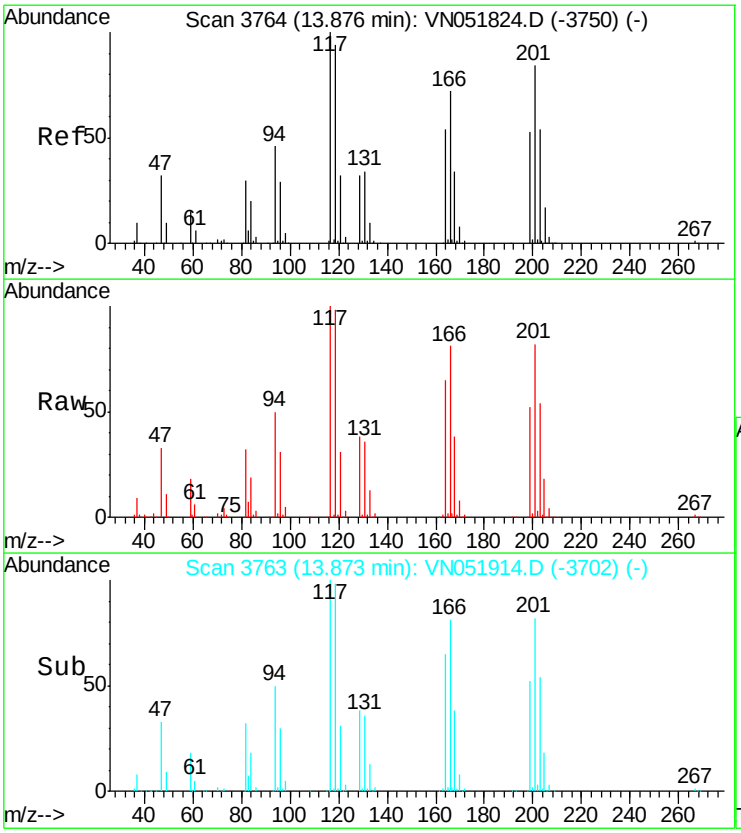
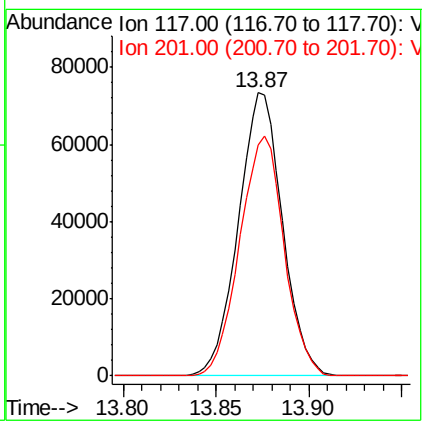
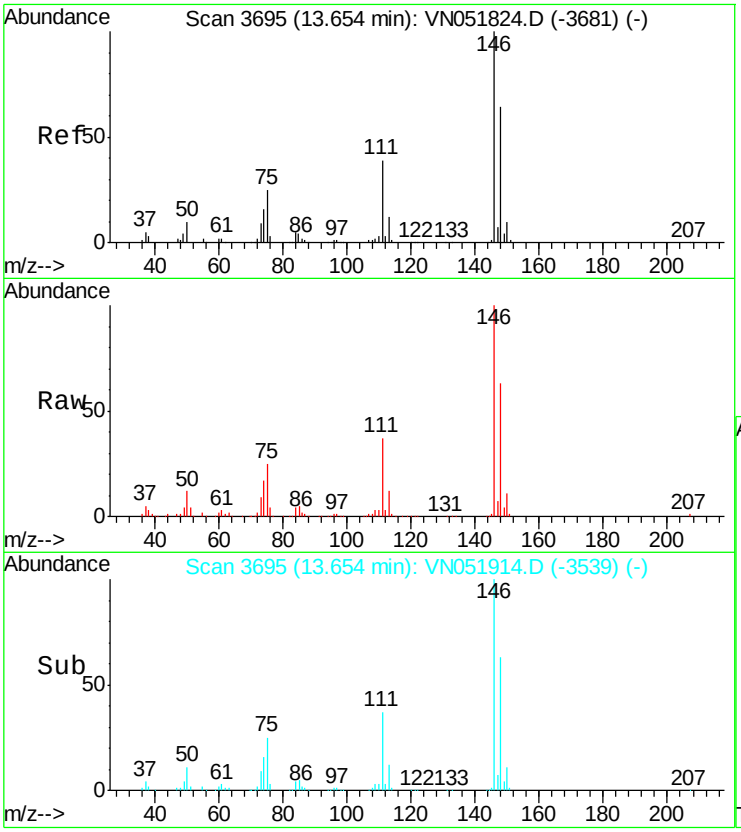


#86
Hexachloroethane
Concen: 17.43 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:117 Resp: 121551

Ion	Ratio	Lower	Upper
117	100		
201	85.3	47.8	143.3

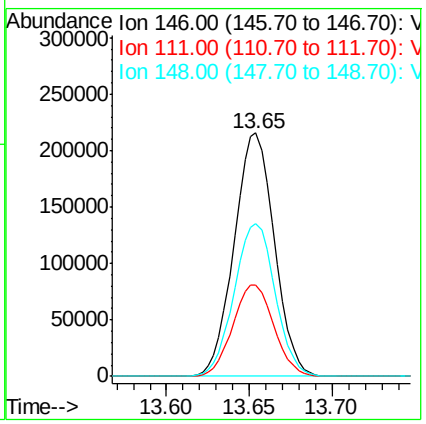




#87
1,2-Dichlorobenzene
Concen: 18.90 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:146 Resp: 363493

Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.8	62.2
148	63.9	33.2	99.6



Instrument :
MSVOA_N
ClientSampleId :
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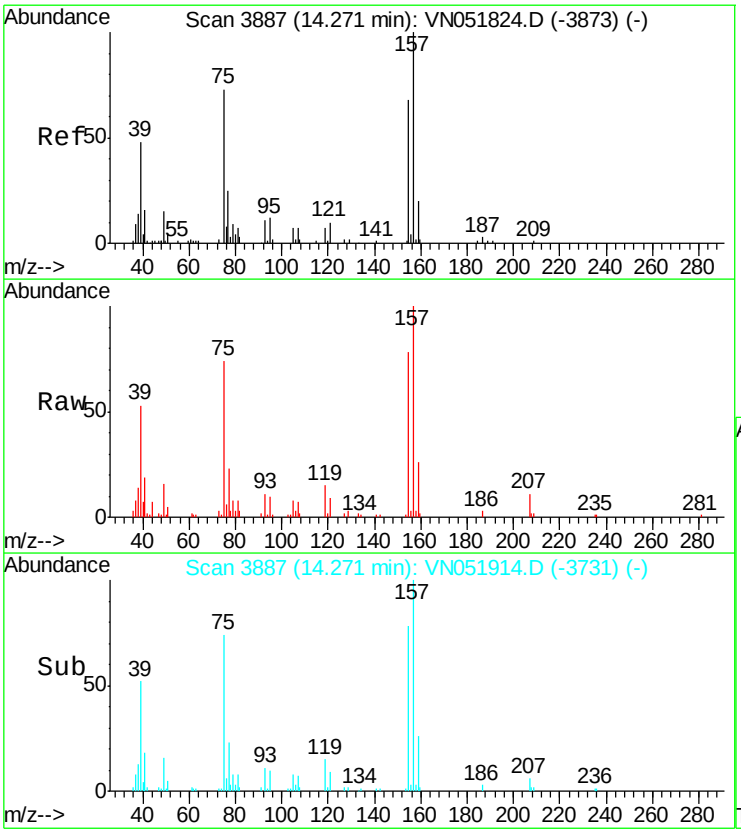
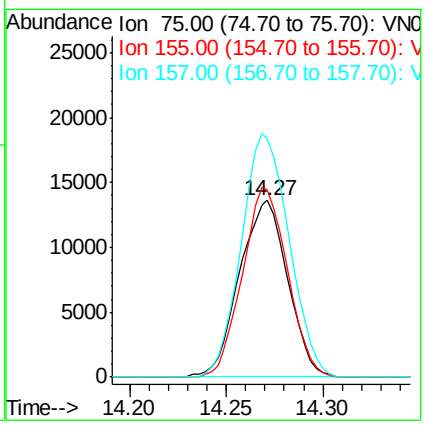
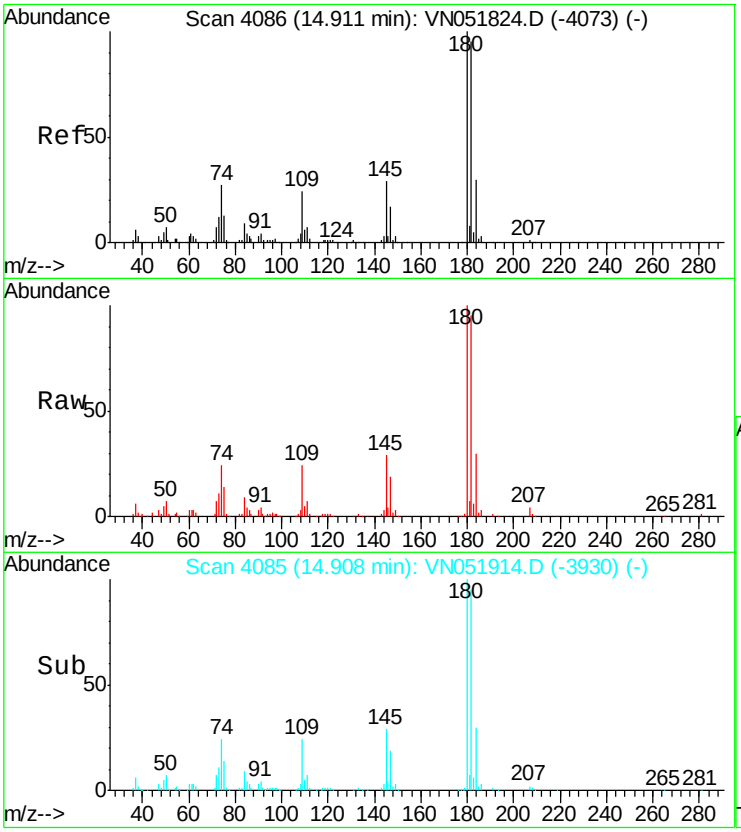


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.59 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion: 75 Resp: 23568

Ion	Ratio	Lower	Upper
75	100		
155	100.5	57.0	85.6#
157	136.9	87.4	131.0#

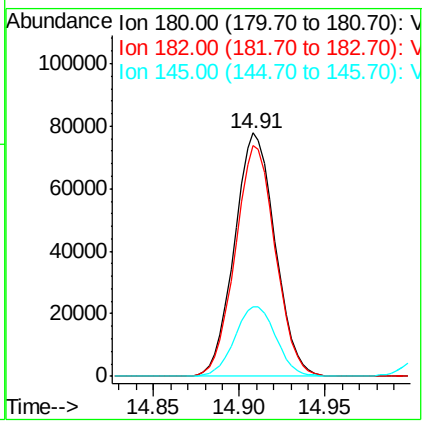




#89
1,2,4-Trichlorobenzene
Concen: 17.79 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:180 Resp: 127696

Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.7	116.5
145	29.0	23.4	35.2



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

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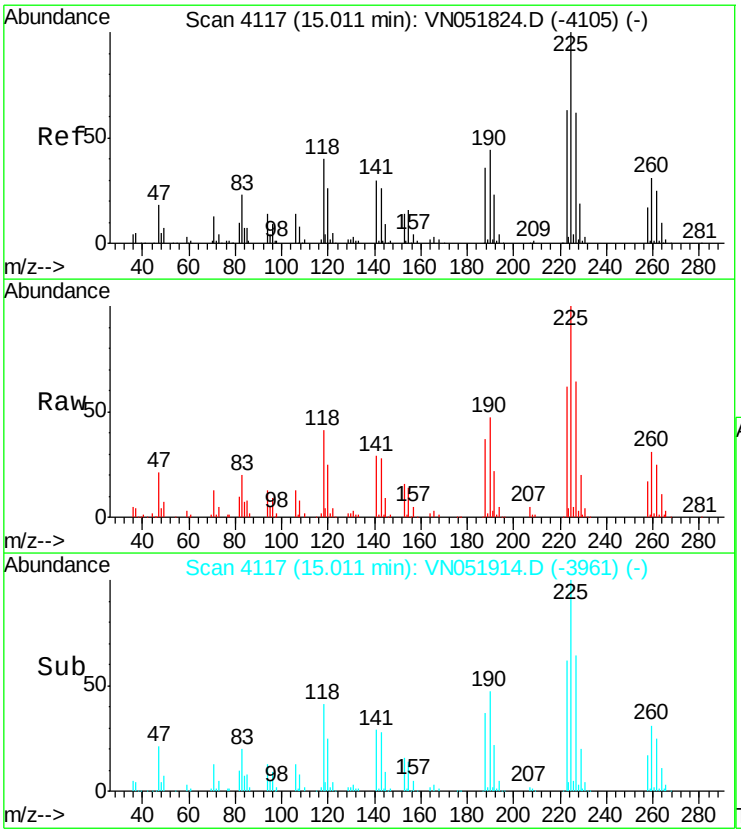
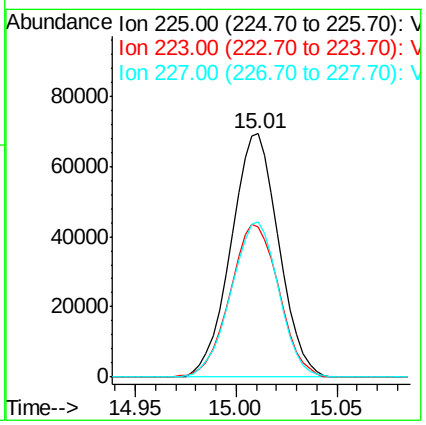
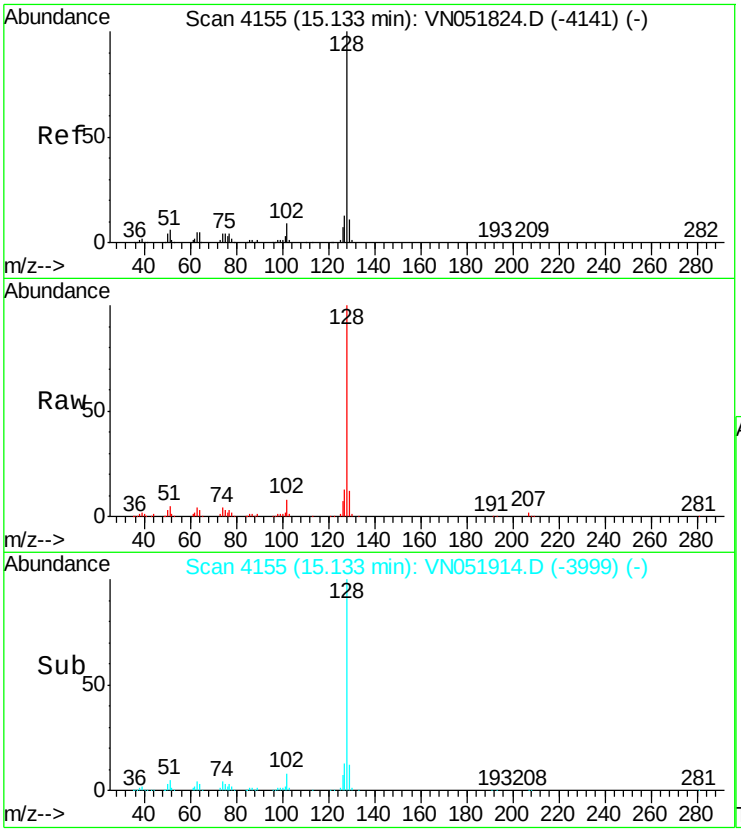


#90
Hexachlorobutadiene
Concen: 18.53 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:225 Resp: 114832

Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	117.0
227	63.6	0.0	127.0

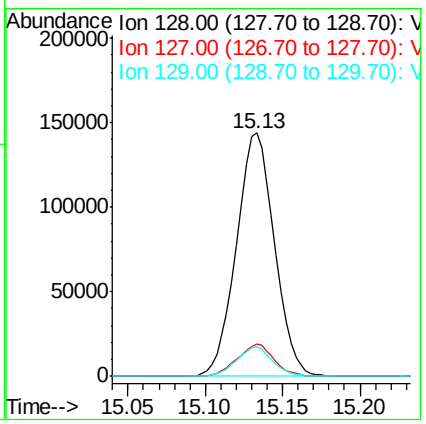




#91
Naphthalene
Concen: 17.91 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

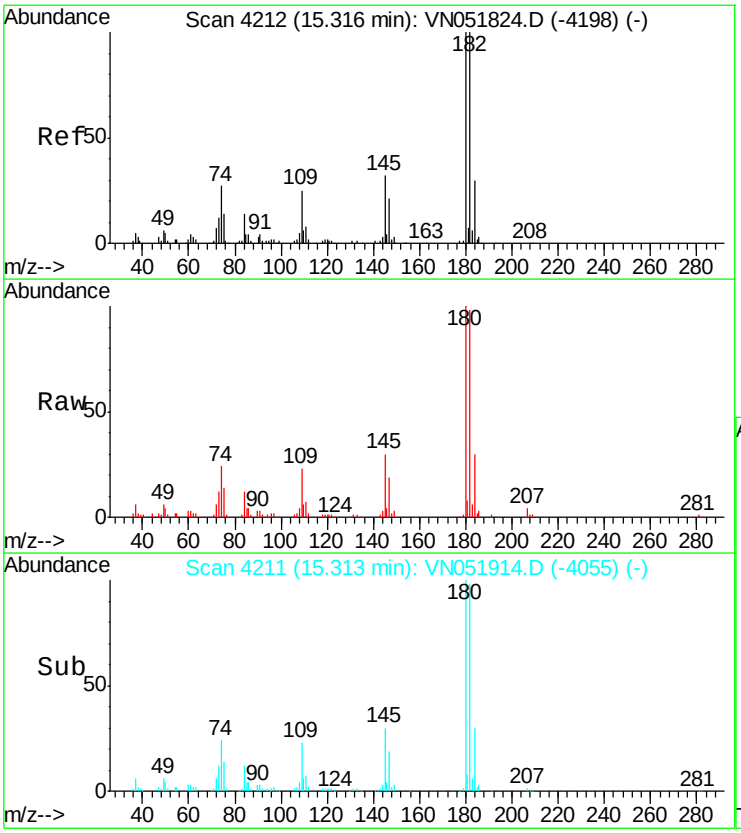
Tgt Ion:128 Resp: 246666

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.5	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD01

Manual Integrations APPROVED
MMDadoda
10/19/2018 4:37:55 PM



#92
1,2,3-Trichlorobenzene
Concen: 15.82 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051914.D
Acq: 18 Oct 2018 14:14

Tgt Ion:180 Resp: 138358

Ion	Ratio	Lower	Upper
180	100		
182	97.6	0.0	198.0
145	31.1	0.0	36.8