Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110920\
Data File : VN064510.D
Acq On : 9 Nov 2020 16:43
Operator : JC/MD
Sample : VN1109WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 10 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.15	128	64626	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.55	114	352146	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.38	117	326545	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.99	65	175596	30.69	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.30%				
60) 4-Bromofluorobenzene	12.38	95	166229	29.72	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.07%				
63) Toluene-d8	10.06	98	455154	29.89	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.63%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	91136	21.056	ug/l		96
3) Chloromethane	2.04	50	100999	20.450	ug/l		100
4) Vinyl Chloride	2.17	62	104760	19.577	ug/l		97
5) Bromomethane	2.54	94	70012	19.991	ug/l		88
6) Chloroethane	2.68	64	68999	20.648	ug/l		97
7) Trichlorofluoromethane	2.99	101	163417	21.089	ug/l		98
8) Diethyl Ether	3.38	74	57434	20.754	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	77204	21.169	ug/l	#	79
10) 1,1-Dichloroethene	3.69	96	72047	20.651	ug/l		95
11) Methyl Iodide	3.91	142	84851	19.728	ug/l		99
12) Methyl Acetate	4.29	43	82913	19.493	ug/l		100
13) Acrolein	3.57	56	48721	113.265	ug/l		100
14) Acrylonitrile	4.94	53	182834	96.646	ug/l		99
15) Acetone	3.78	58	56700	90.817	ug/l		93
16) Carbon Disulfide	4.01	76	212791	20.098	ug/l		98
17) Allyl chloride	4.28	41	132044	20.144	ug/l		97
18) Methylene Chloride	4.50	84	82786	19.983	ug/l		97
19) trans-1,2-Dichloroethene	4.99	96	80550	20.372	ug/l		95
20) Diisopropyl ether	5.90	45	287131	20.118	ug/l		96
21) 1,1-Dichloroethane	5.79	63	164730	20.988	ug/l		98
22) cis-1,2-Dichloroethene	6.78	96	91257	20.364	ug/l		93
23) tert-Butyl Alcohol	4.75	59	65078	100.465	ug/l	#	100
24) Methyl tert-Butyl Ether	5.00	73	249090	20.186	ug/l	#	71
25) Chloroform	7.33	83	171889	20.841	ug/l		99
26) Cyclohexane	7.61	56	120562	19.896	ug/l	#	99
29) 1,1-Dichloropropene	7.75	75	121780	19.927	ug/l		97
30) 2-Butanone	6.79	43	275767	91.159	ug/l	#	76
31) 2,2-Dichloropropane	6.78	77	147663	20.342	ug/l		98
32) 1,1,1-Trichloroethane	7.53	97	149069	19.887	ug/l		99
33) Carbon Tetrachloride	7.73	117	132772	19.834	ug/l		94
34) Benzene	8.00	78	350836	19.827	ug/l		97
35) Methacrylonitrile	7.12	41	42322	14.955	ug/l		95
36) 1,2-Dichloroethane	8.08	62	144960	19.963	ug/l		99
37) Trichloroethene	8.80	130	90824	20.301	ug/l		100
38) Methylcyclohexane	9.05	83	108665	19.659	ug/l		99
39) 1,2-Dichloropropane	9.08	63	95652	20.118	ug/l		100
40) Dibromomethane	9.17	93	64595	20.139	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110920\
Data File : VN064510.D
Acq On : 9 Nov 2020 16:43
Operator : JC/MD
Sample : VN1109WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 10 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Bromodichloromethane	9.37	83	135599	19.506 ug/l	100
42) Vinyl Acetate	5.85	43	1172019	96.777 ug/l	100
43) Ethyl Acetate	6.89	43	113640	19.306 ug/l	95
44) Isopropyl Acetate	8.13	43	188344	18.536 ug/l	97
45) 1,4-Dioxane	9.17	88	27098	380.433 ug/l	99
46) Methyl methacrylate	9.17	41	93902	18.582 ug/l	96
47) n-amyl Acetate	12.04	43	158529	18.035 ug/l	99
48) t-1,3-Dichloropropene	10.35	75	139639	18.955 ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	148337	19.164 ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	85618	19.470 ug/l	97
51) Ethyl methacrylate	10.40	69	118462	18.799 ug/l	96
52) 1,3-Dichloropropane	10.68	76	148696	19.683 ug/l	100
53) Dibromochloromethane	10.87	129	98096	19.479 ug/l	99
54) 1,2-Dibromoethane	10.98	107	87336	19.417 ug/l	98
55) 2-Chloroethyl vinyl ether	9.67	63	284510	86.275 ug/l	99
56) Bromoform	12.10	173	61634	18.650 ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	581789	97.019 ug/l	99
59) 2-Hexanone	10.72	43	417303	92.393 ug/l	97
61) Tetrachloroethene	10.60	164	83618	20.486 ug/l	98
62) Toluene	10.13	91	386707	20.165 ug/l	100
64) Chlorobenzene	11.41	112	227539	19.961 ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.48	131	90486	20.306 ug/l	98
66) Ethyl Benzene	11.48	91	413781	19.993 ug/l	99
67) m/p-Xylenes	11.59	106	298965	39.137 ug/l	96
68) o-Xylene	11.92	106	143886	19.904 ug/l	97
69) Styrene	11.94	104	242242	19.567 ug/l	100
70) Isopropylbenzene	12.22	105	377396	19.945 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	115939	19.133 ug/l	96
72) 1,2,3-Trichloropropane	12.53	75	163976	27.134 ug/l	59
73) Bromobenzene	12.50	156	91598	19.569 ug/l	96
74) n-propylbenzene	12.57	91	443992	19.949 ug/l	99
75) 2-Chlorotoluene	12.65	91	280412	20.039 ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	319398	19.996 ug/l	98
77) t-1,4-Dichloro-2-butene	12.28	75	40014	18.161 ug/l	93
78) 4-Chlorotoluene	12.75	91	292933	19.922 ug/l	99
79) tert-butylbenzene	12.97	119	248728	19.842 ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	324929	20.187 ug/l	98
81) sec-Butylbenzene	13.15	105	333206	20.053 ug/l	99
82) p-Isopropyltoluene	13.26	119	297263	20.025 ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	160700	19.516 ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	154184	18.826 ug/l	97
85) n-Butylbenzene	13.59	91	250484	19.463 ug/l	98
86) Hexachloroethane	13.85	117	57165	19.325 ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	158521	19.766 ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	24987	19.087 ug/l	93
89) 1,2,4-Trichlorobenzene	14.88	180	68683	18.862 ug/l	91
90) Hexachlorobutadiene	14.98	225	36253	19.989 ug/l	100
91) Naphthalene	15.10	128	198486	16.477 ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	65908	17.885 ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110920\
Data File : VN064510.D
Acq On : 9 Nov 2020 16:43
Operator : JC/MD
Sample : VN1109WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 10 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

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

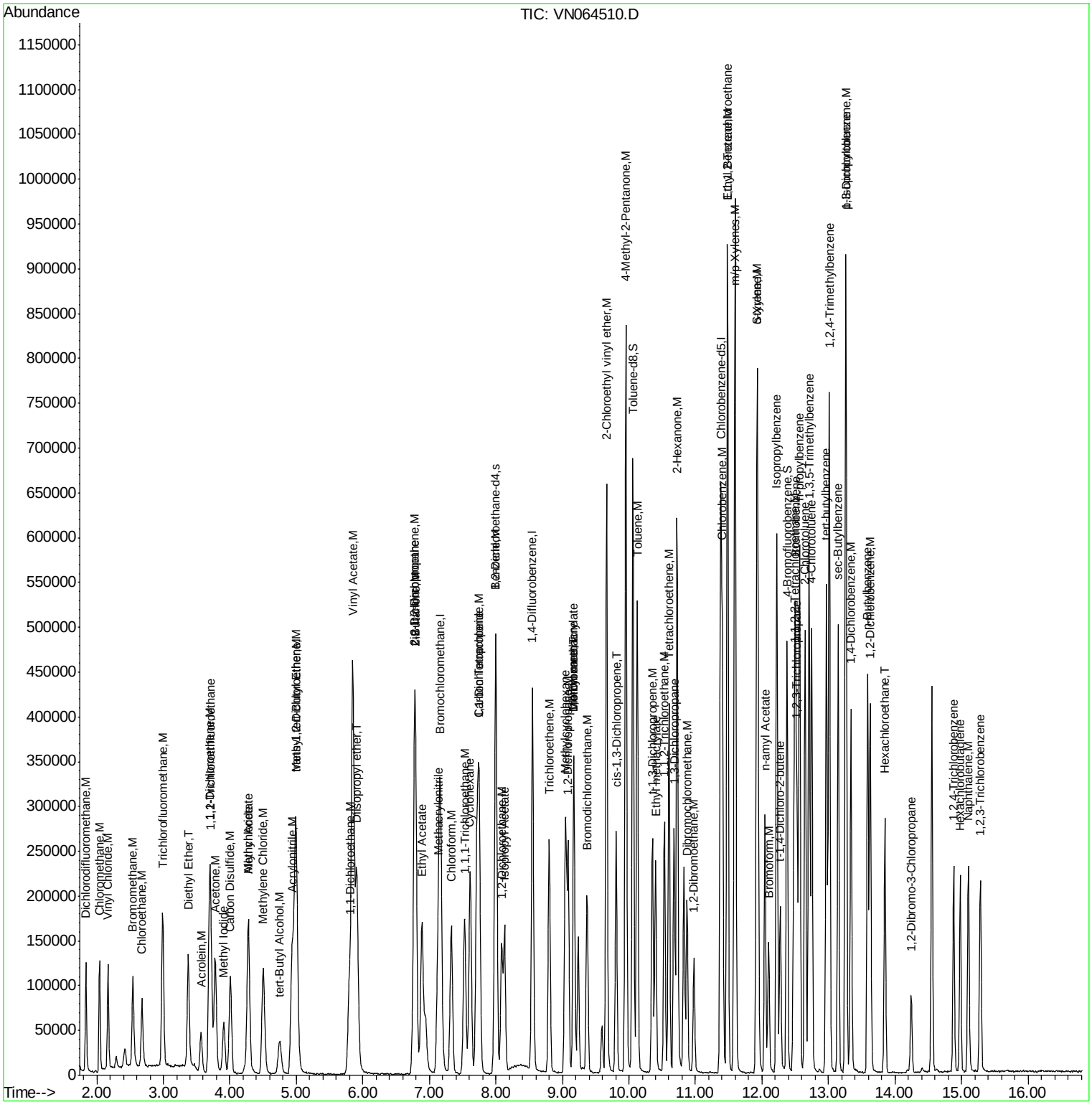
(#) = qualifier out of range (m) = manual integration (+) = signals summed

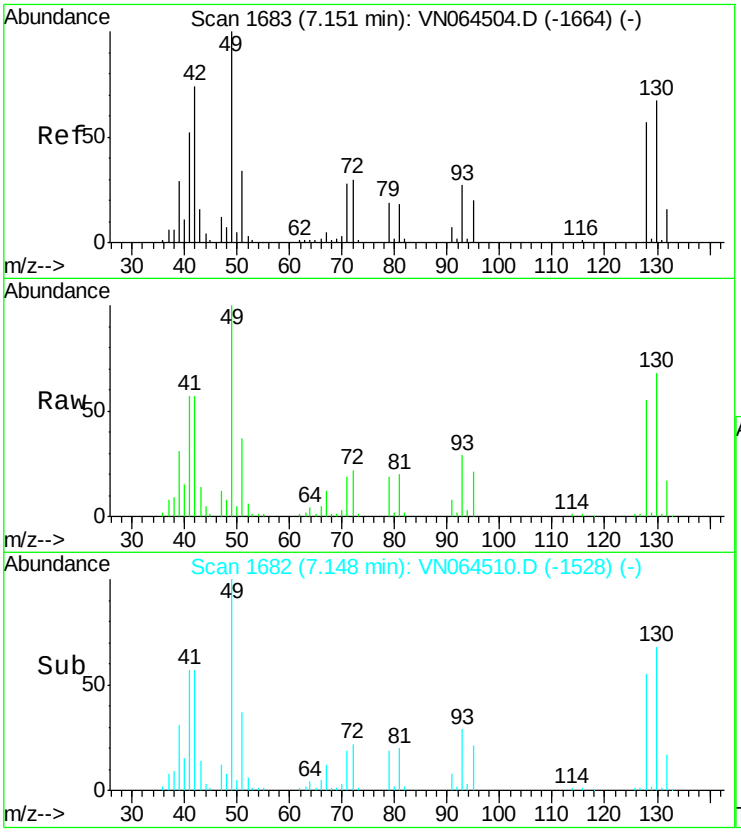
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110920\
Data File : VN064510.D
Acq On : 9 Nov 2020 16:43
Operator : JC/MD
Sample : VN1109WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 10 03:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration



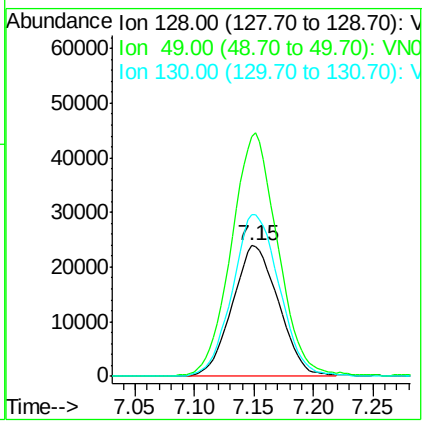


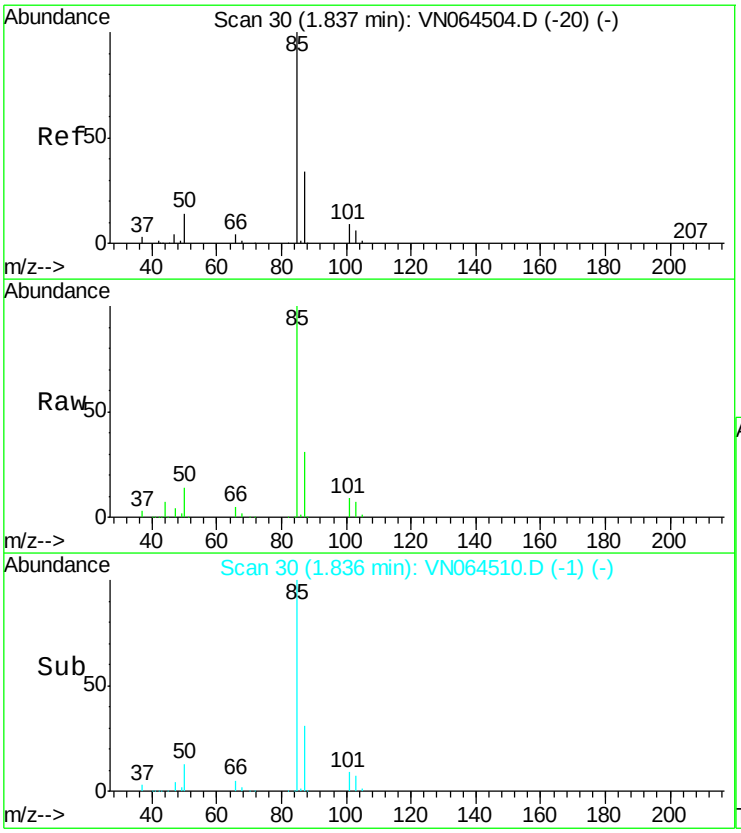
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 64626

Ion	Ratio	Lower	Upper
128	100		
49	184.0	0.0	475.5
130	125.3	0.0	315.3

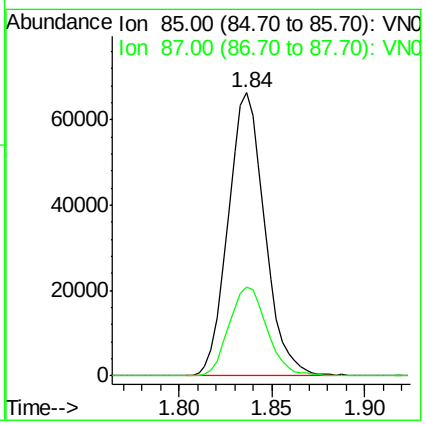


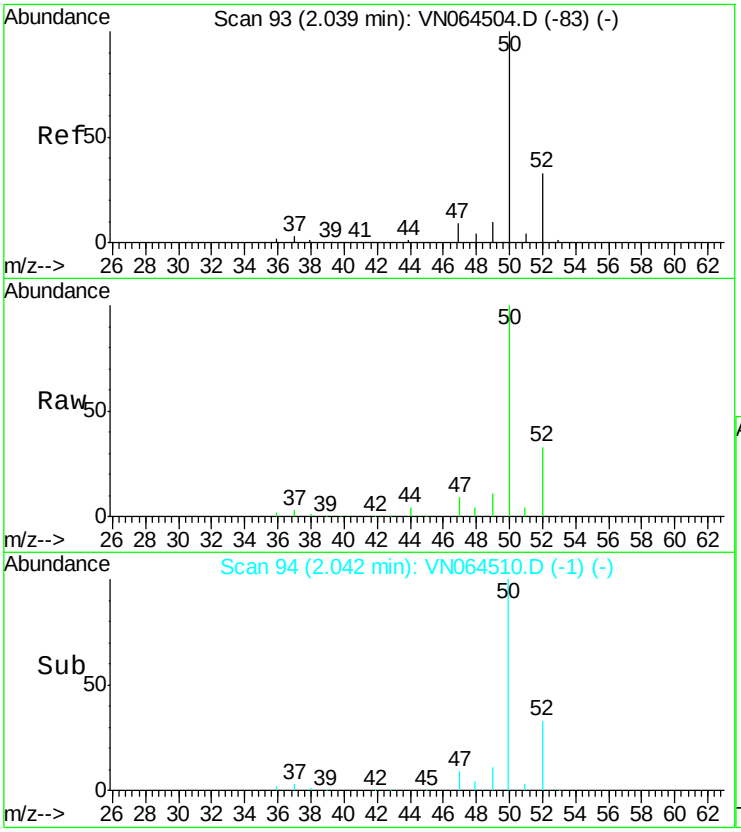


#2
Dichlorodifluoromethane
Concen: 21.056 ug/l
RT: 1.84 min Scan# 30
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 85 Resp: 91136

Ion	Ratio	Lower	Upper
85	100		
87	31.5	17.0	50.9



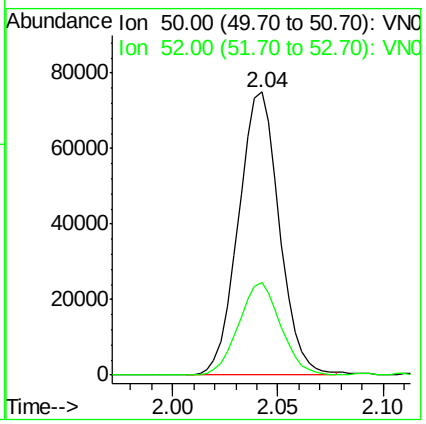


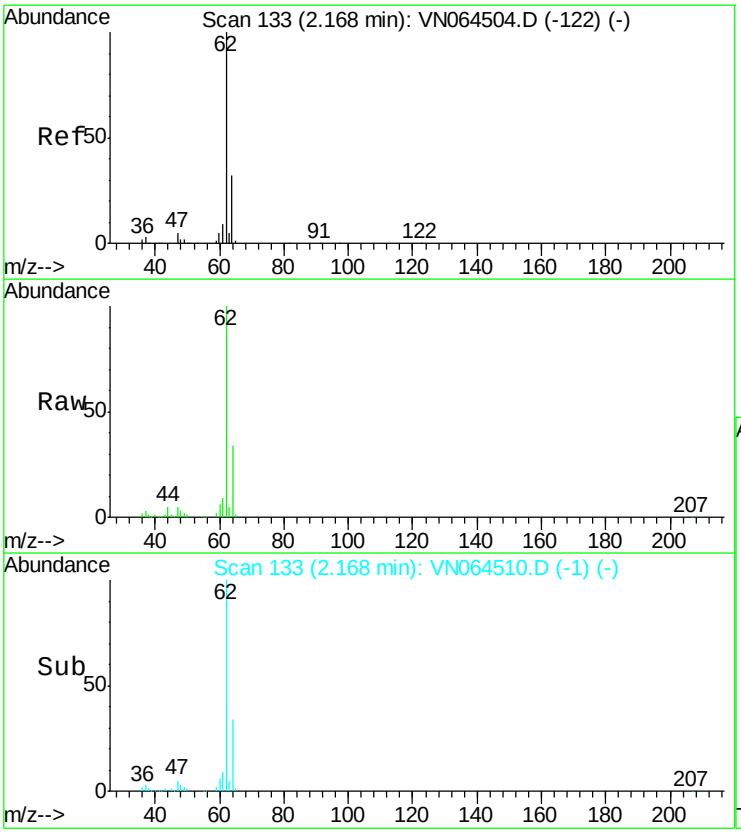
#3
Chloromethane
Concen: 20.450 ug/l
RT: 2.04 min Scan# 94
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 100999

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.0	39.0

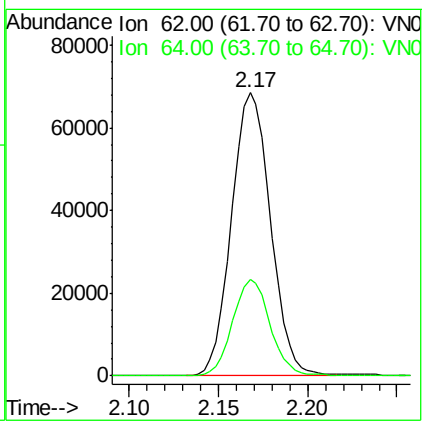


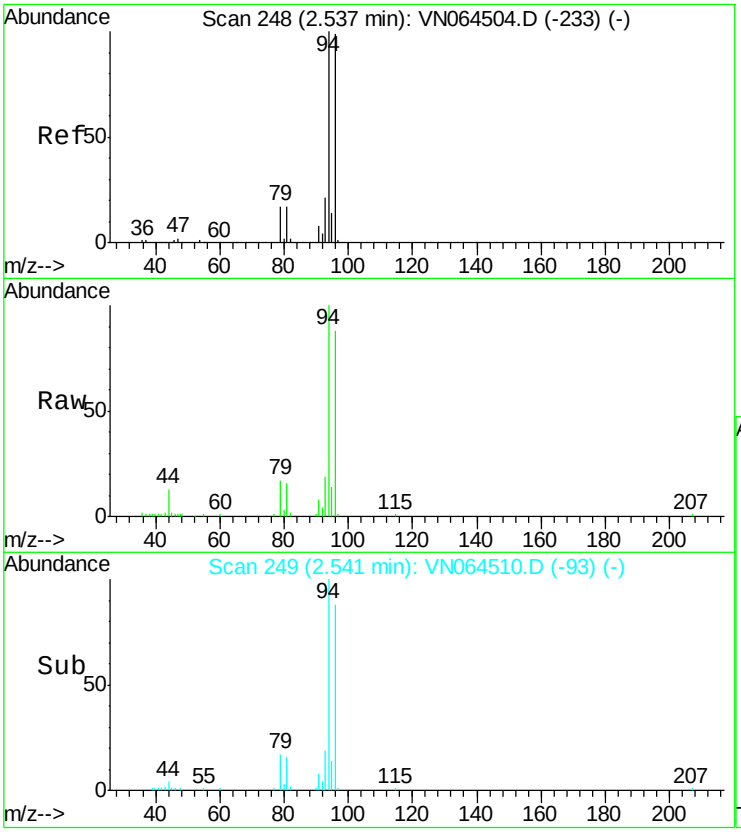


#4
Vinyl Chloride
Concen: 19.577 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 62 Resp: 104760

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.8	38.8



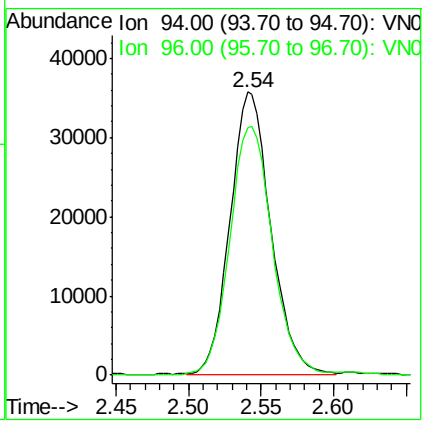


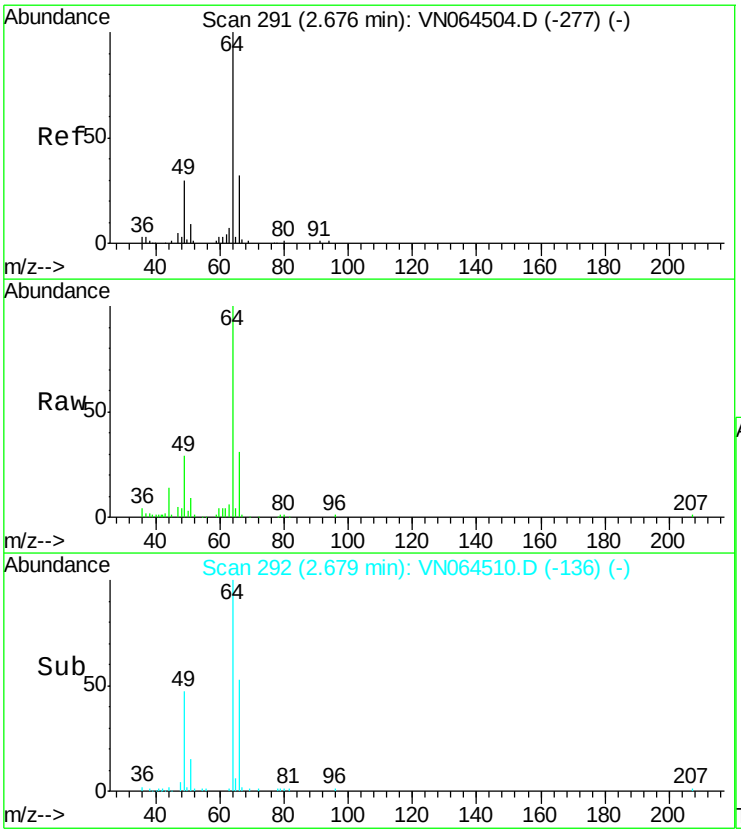
#5
Bromomethane
Concen: 19.991 ug/l
RT: 2.54 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 70012

Ion	Ratio	Lower	Upper
94	100		
96	87.3	79.3	118.9

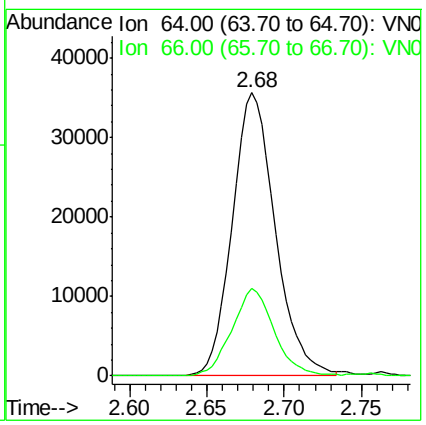


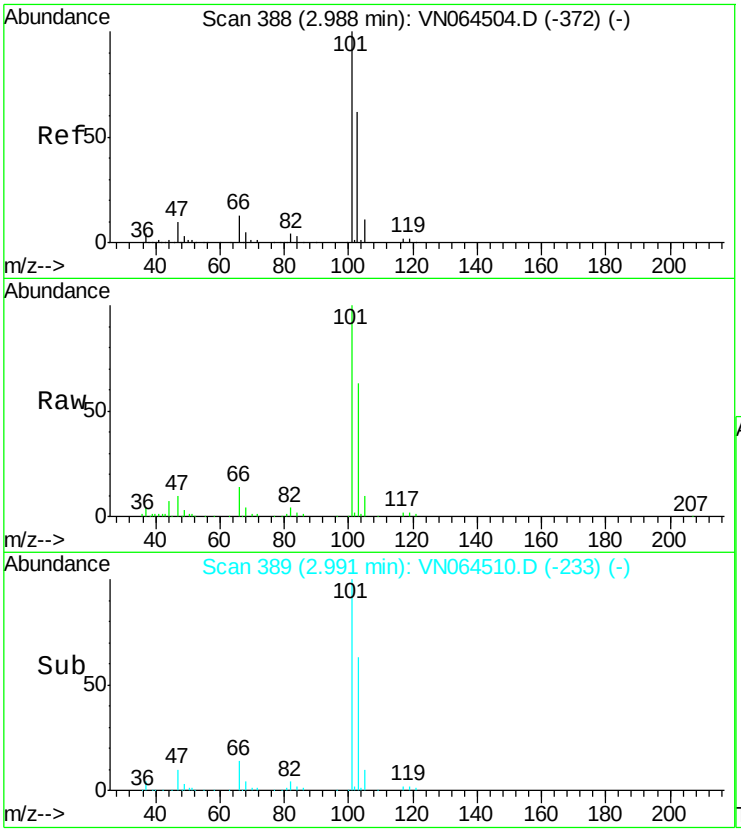


#6
Chloroethane
Concen: 20.648 ug/l
RT: 2.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 64 Resp: 68999

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.0	39.0



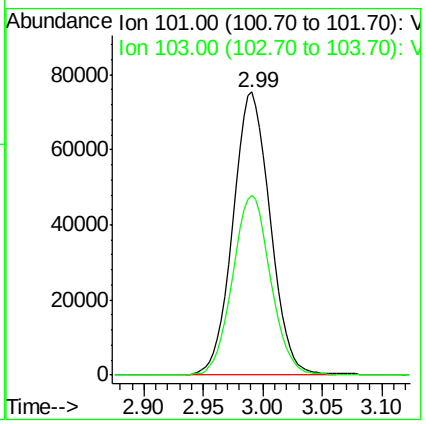


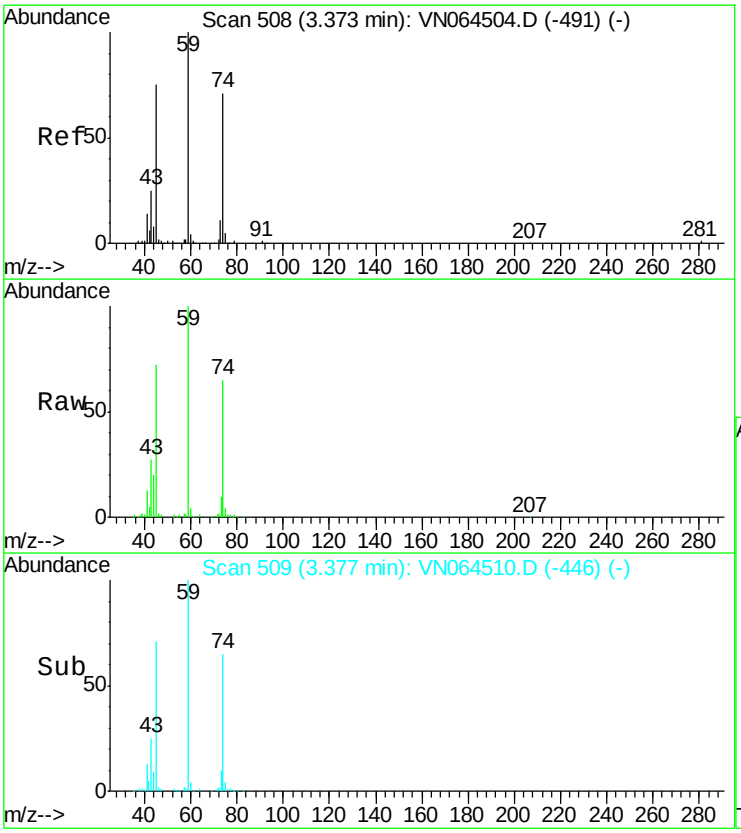
#7
Trichlorofluoromethane
Concen: 21.089 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:101 Resp: 163417

Ion	Ratio	Lower	Upper
101	100		
103	63.4	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :

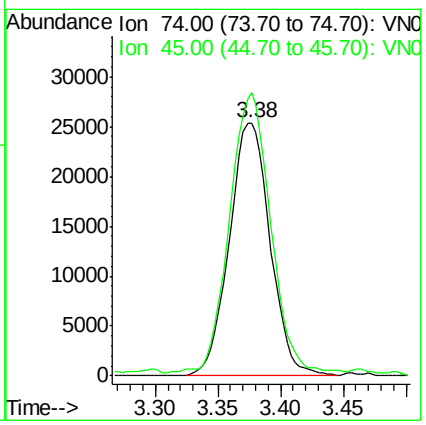


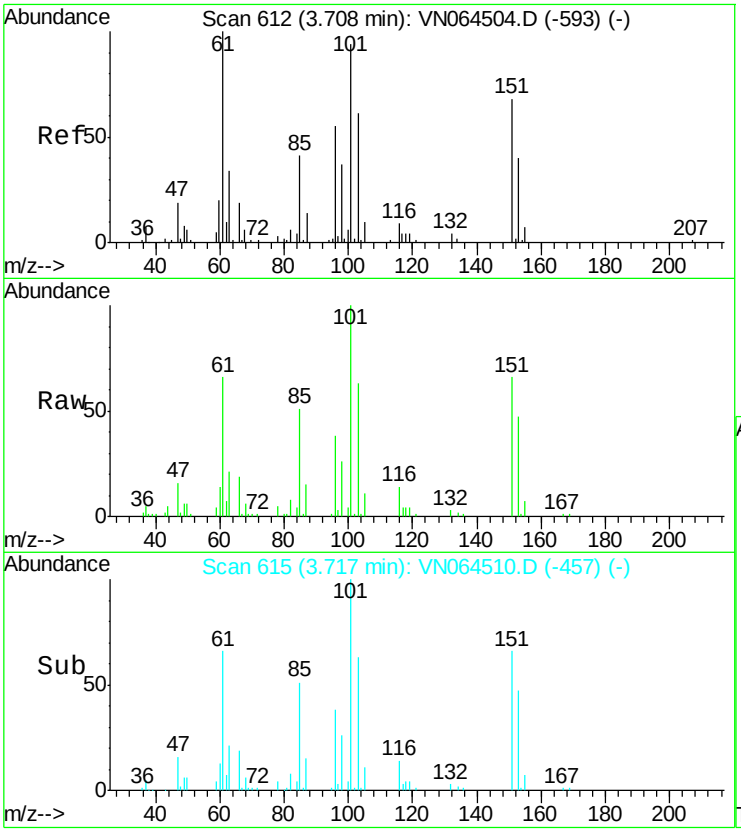


#8
Diethyl Ether
Concen: 20.754 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 74 Resp: 57434

Ion	Ratio	Lower	Upper
74	100		
45	106.7	22.1	198.5



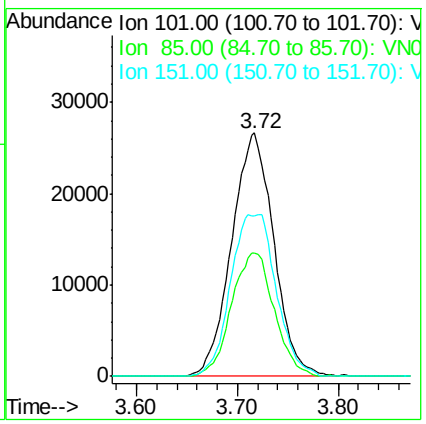


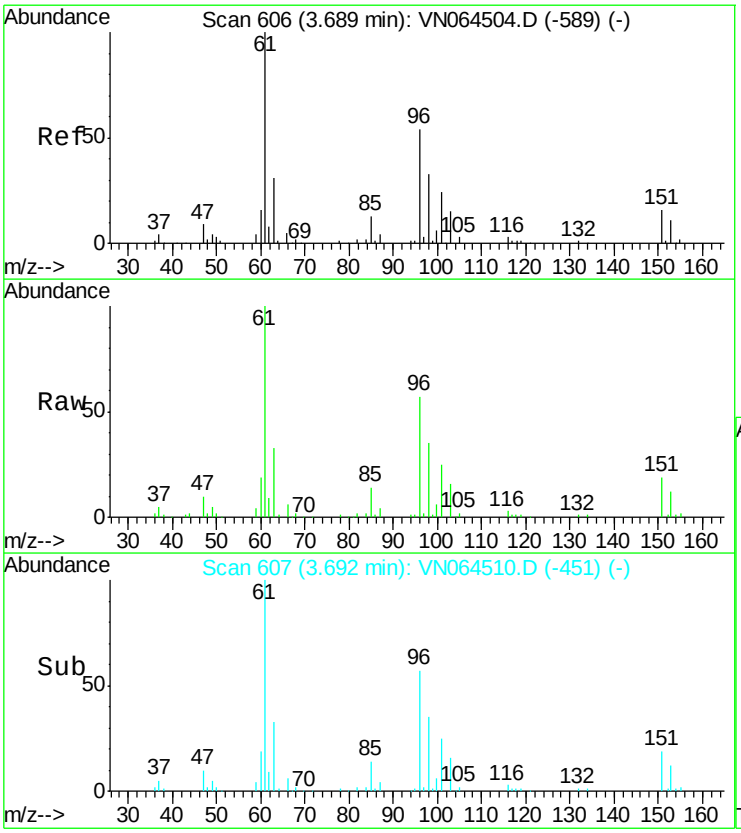
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.169 ug/l
RT: 3.72 min Scan# 615
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 77204

Ion	Ratio	Lower	Upper
101	100		
85	51.4	0.0	49.0#
151	39.9	0.0	80.2

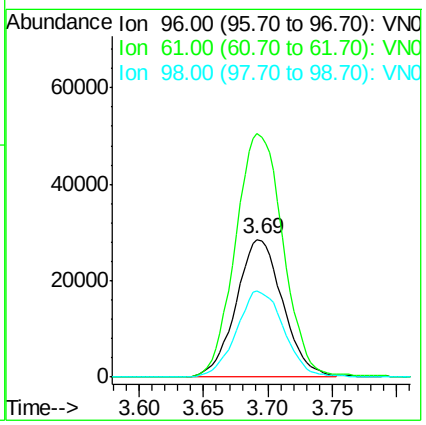


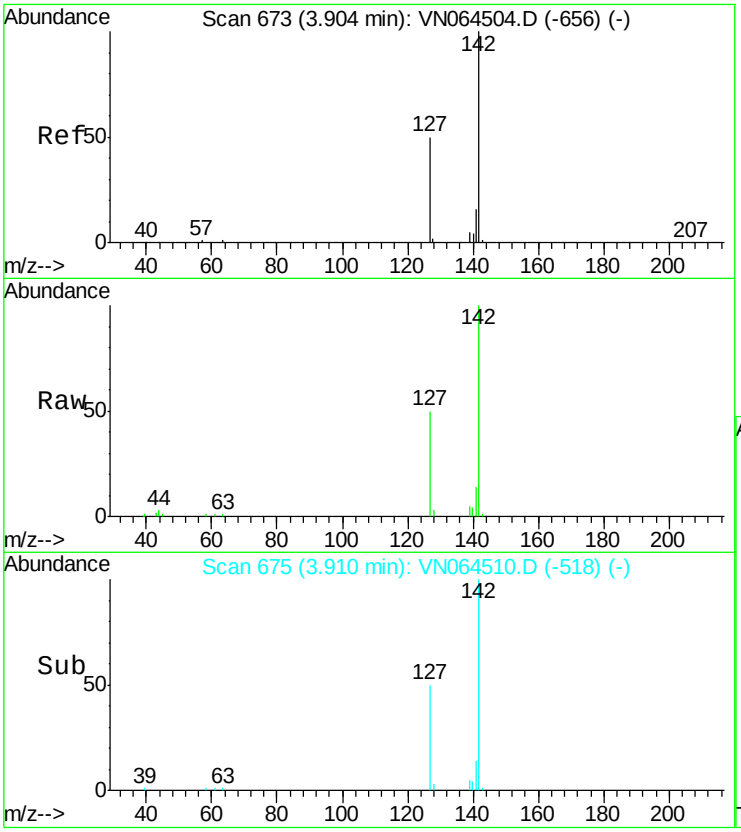


#10
1,1-Dichloroethene
Concen: 20.651 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 96 Resp: 72047

Ion	Ratio	Lower	Upper
96	100		
61	176.6	149.2	223.8
98	62.2	49.6	74.4



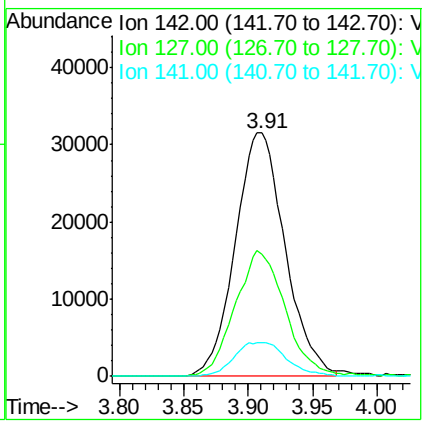


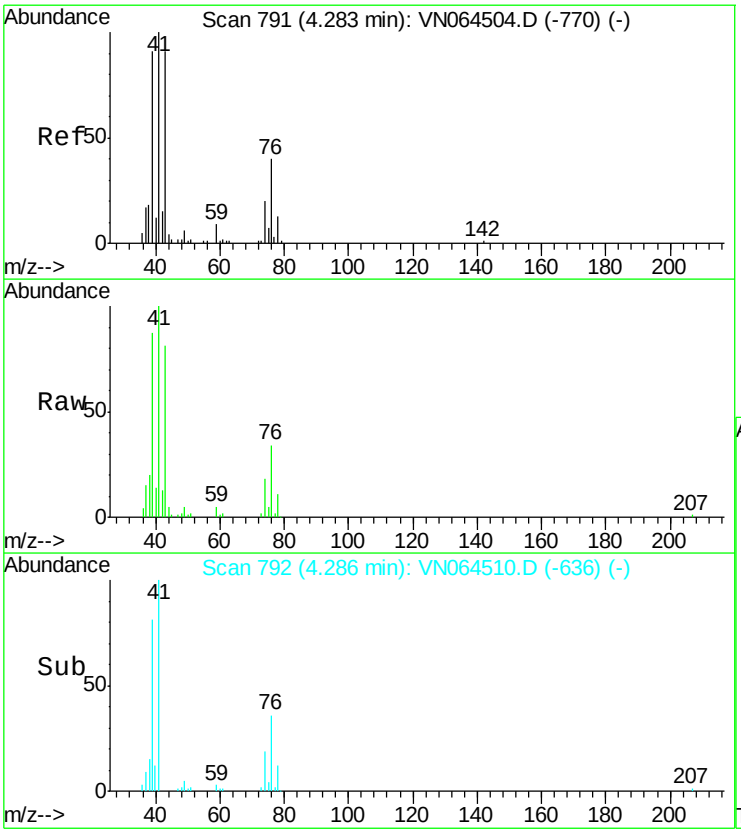
#11
Methyl Iodide
Concen: 19.728 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:142 Resp: 84851

Ion	Ratio	Lower	Upper
142	100		
127	50.0	24.7	74.1
141	14.2	7.8	23.3

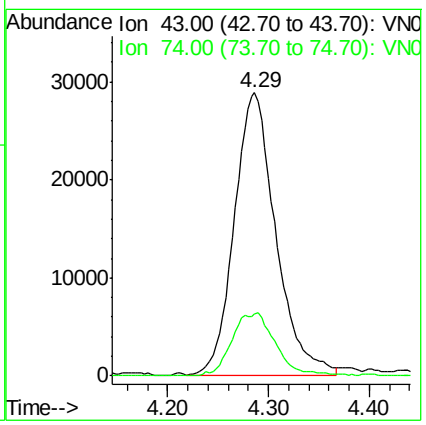


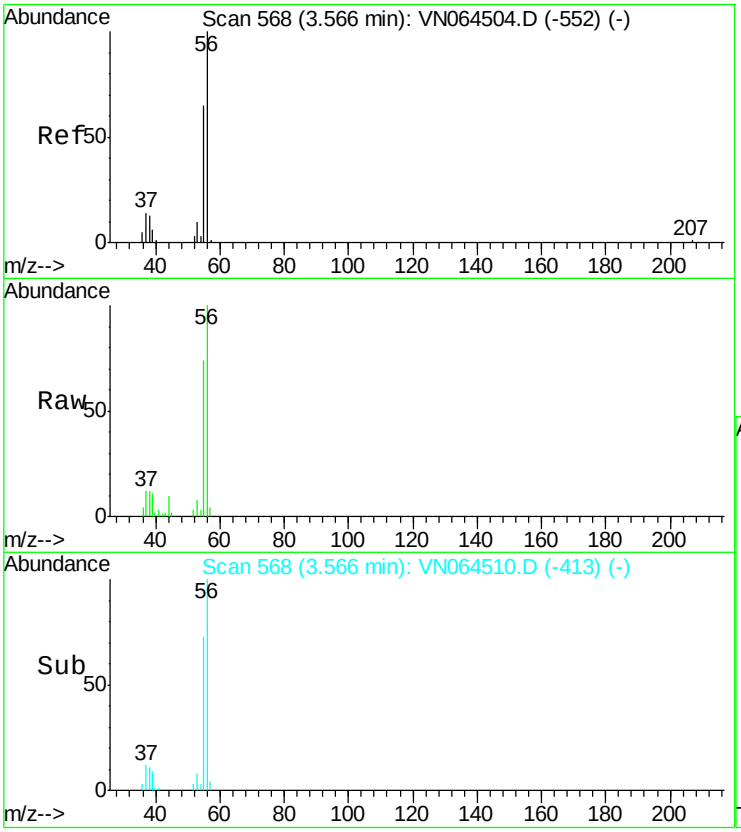


#12
Methyl Acetate
Concen: 19.493 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 82913

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.7	26.5



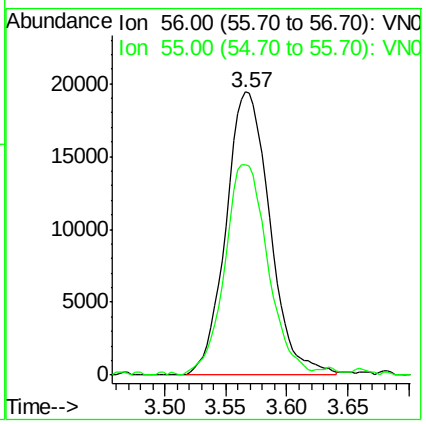


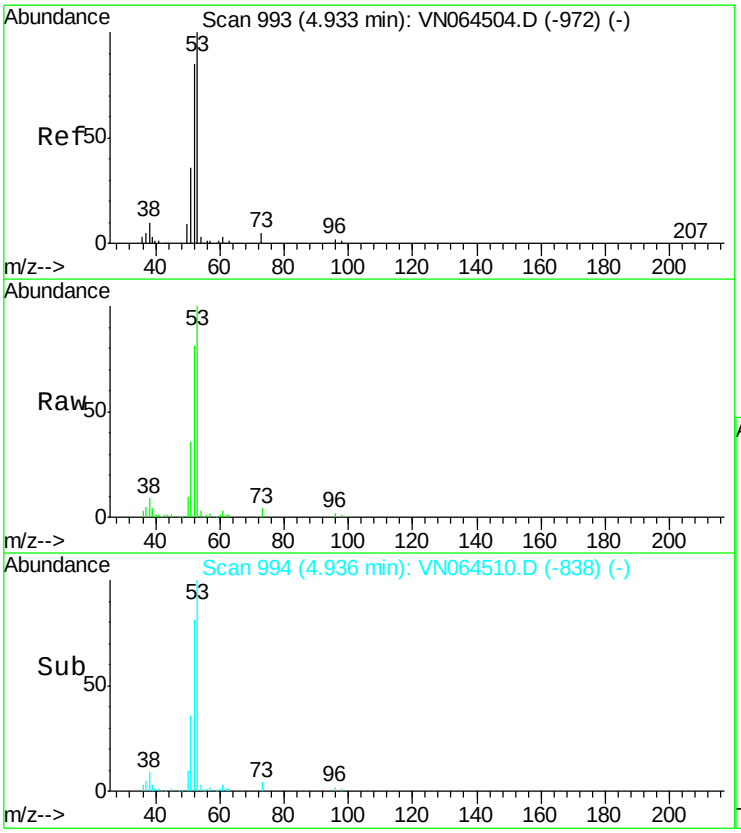
#13
Acrolein
Concen: 113.265 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 48721

Ion	Ratio	Lower	Upper
56	100		
55	72.9	58.2	87.2

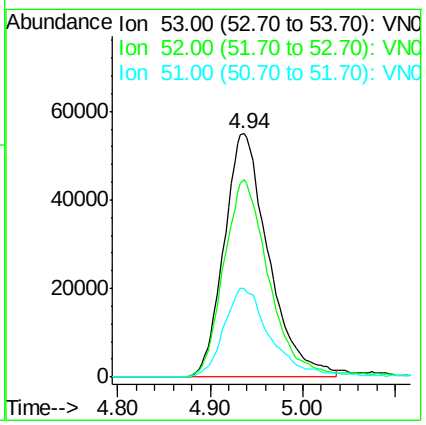


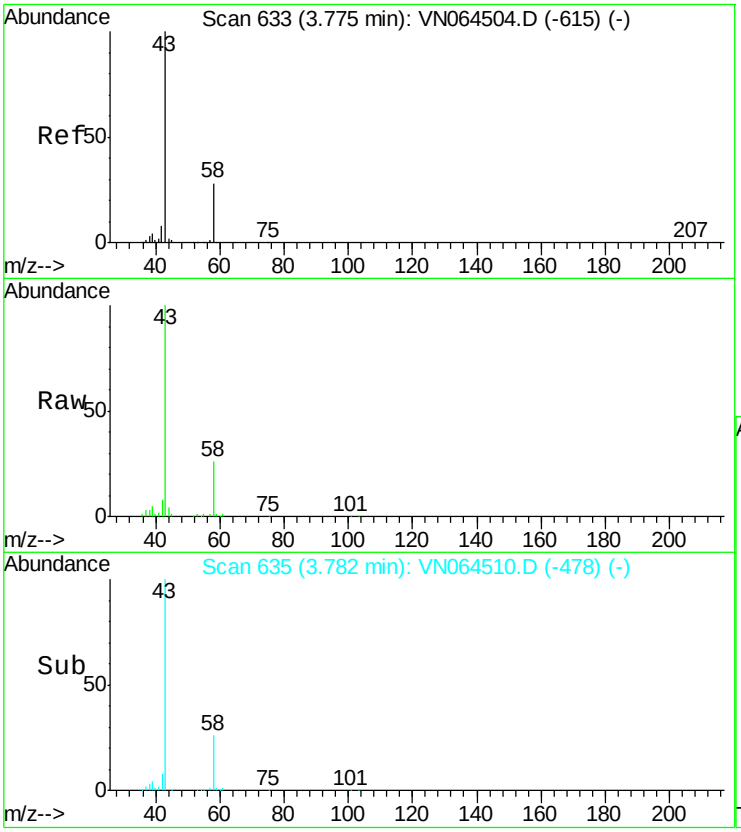


#14
Acrylonitrile
Concen: 96.646 ug/l
RT: 4.94 min Scan# 994
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 53 Resp: 182834

Ion	Ratio	Lower	Upper
53	100		
52	81.5	41.3	124.1
51	36.7	18.9	56.5



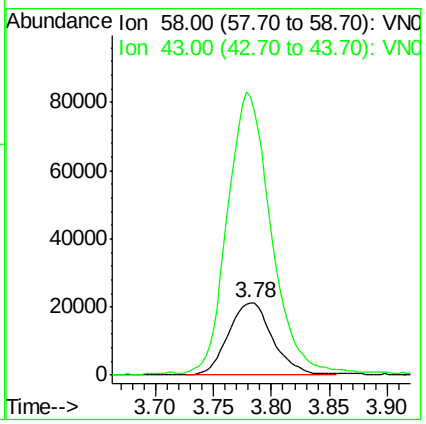


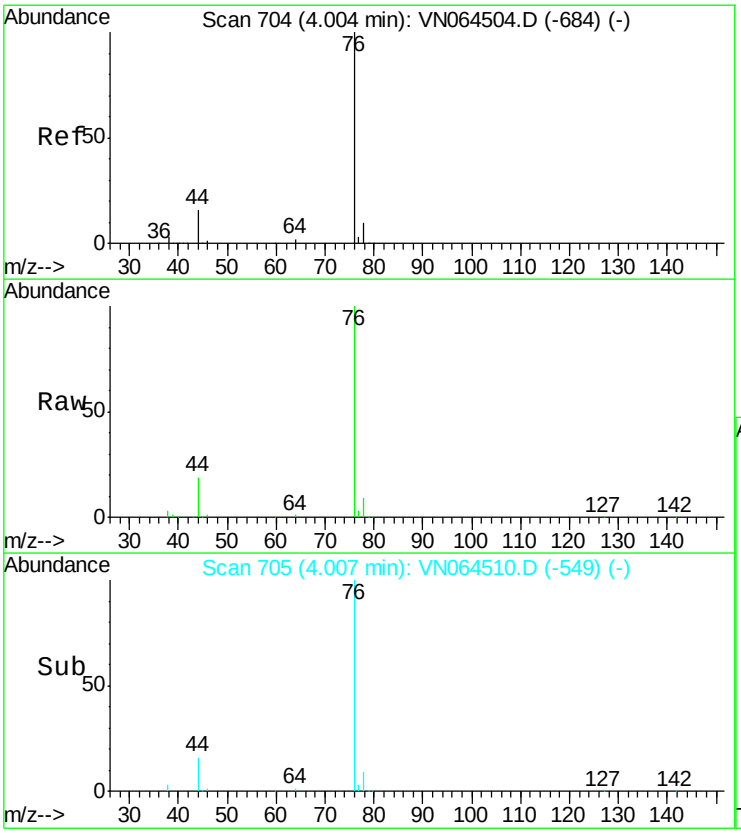
#15
Acetone
Concen: 90.817 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 58 Resp: 56700

Ion	Ratio	Lower	Upper
58	100		
43	378.8	289.8	434.8

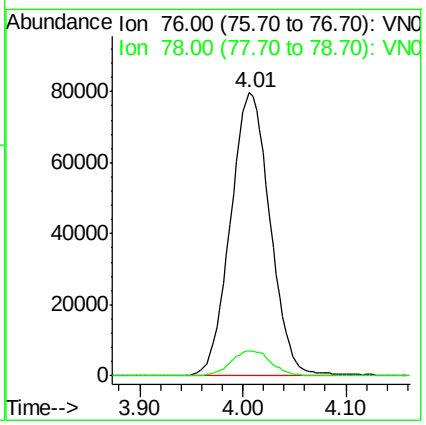


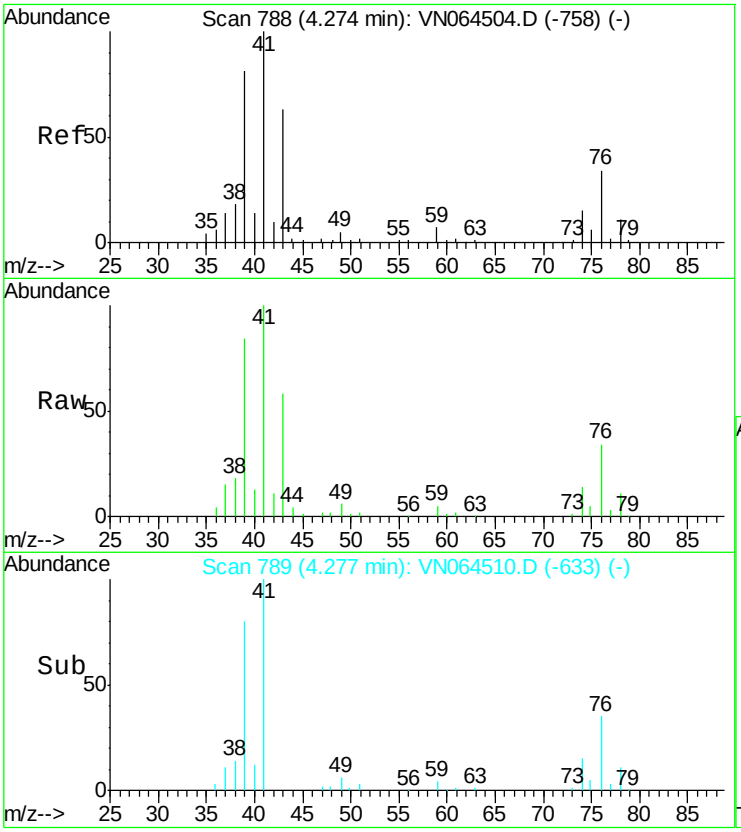


#16
Carbon Disulfide
Concen: 20.098 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 76 Resp: 212791

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.6	11.4



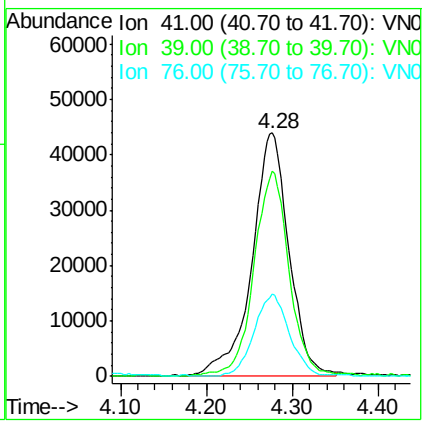


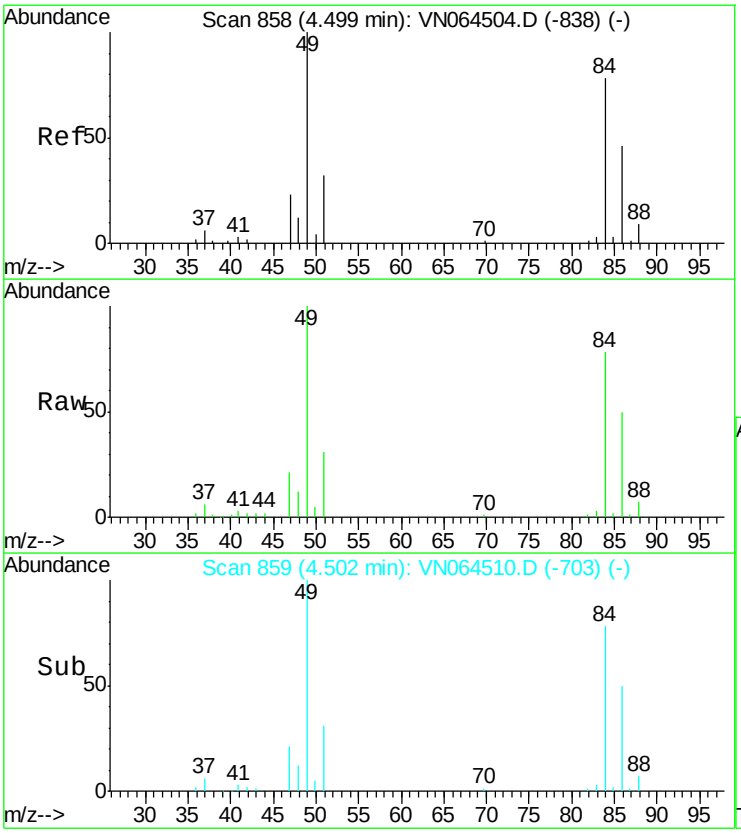
#17
Allyl chloride
Concen: 20.144 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 132044

Ion	Ratio	Lower	Upper
41	100		
39	84.1	40.3	120.8
76	33.1	16.8	50.3

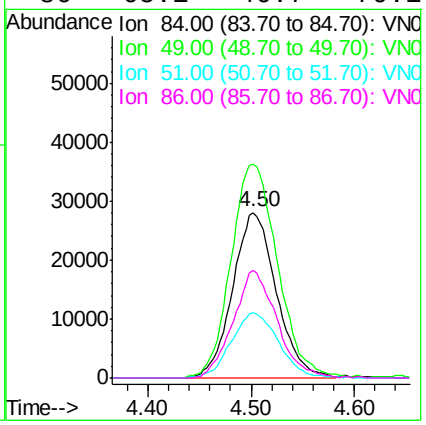


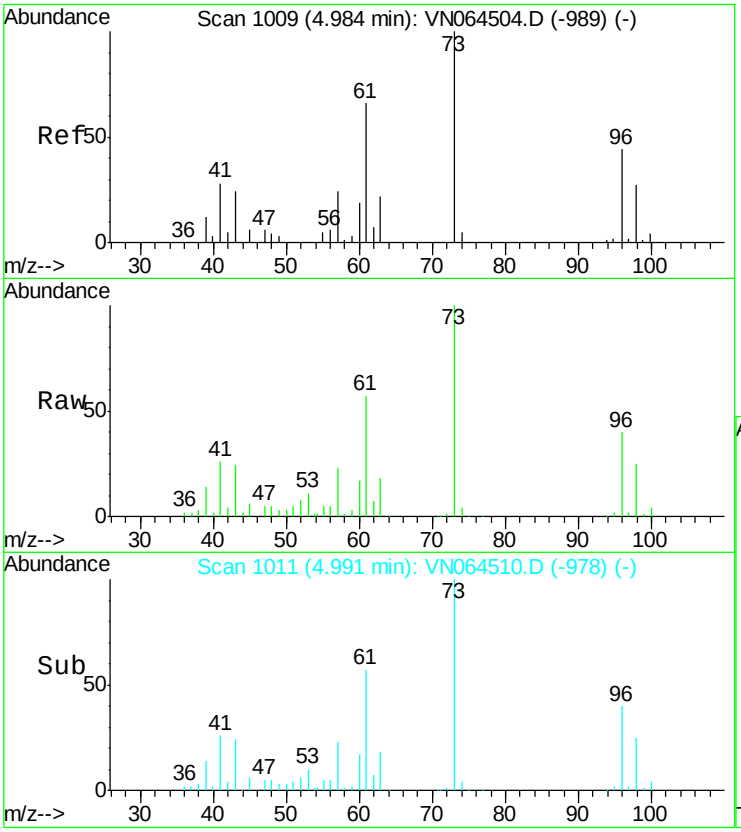


#18
Methylene Chloride
Concen: 19.983 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 84 Resp: 82786

Ion	Ratio	Lower	Upper
84	100		
49	128.3	102.1	153.1
51	39.8	32.6	48.8
86	65.1	46.7	70.1



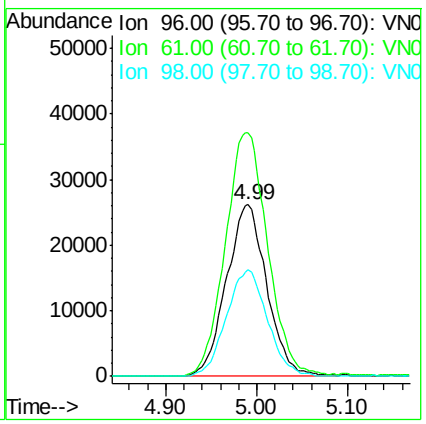


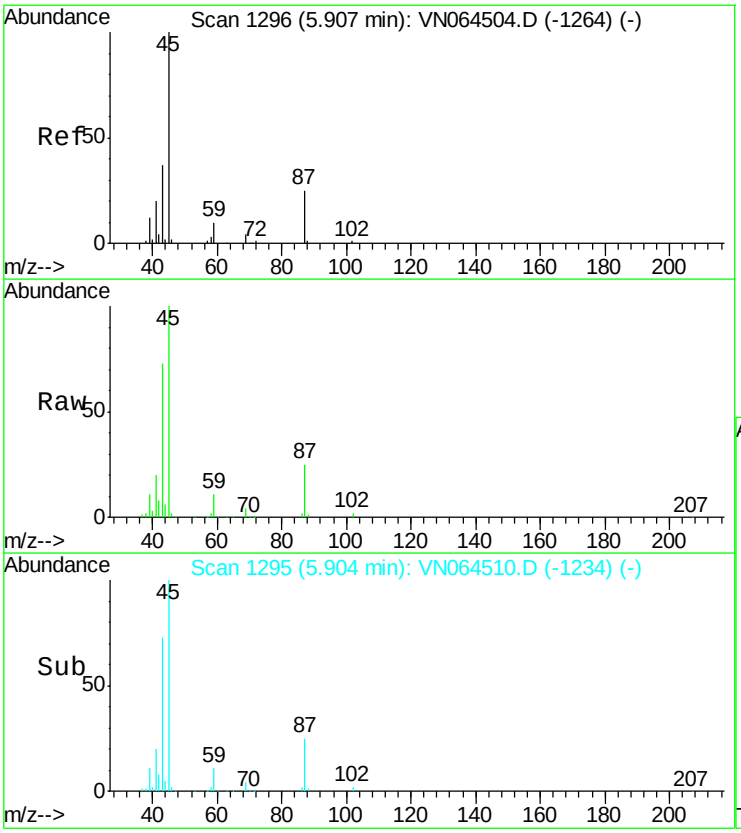
#19
trans-1,2-Dichloroethene
Concen: 20.372 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 80550

Ion	Ratio	Lower	Upper
96	100		
61	141.1	120.1	180.1
98	61.9	49.1	73.7

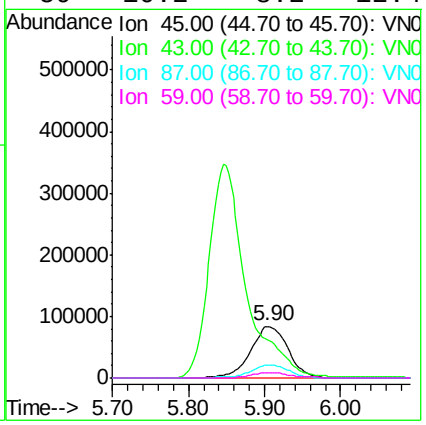


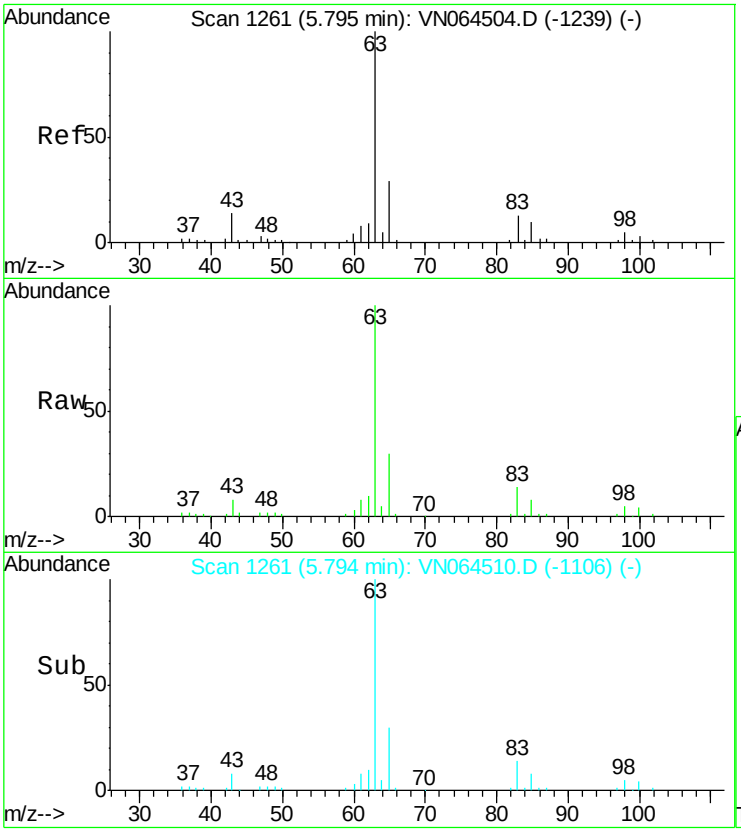


#20
Diisopropyl ether
Concen: 20.118 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 45 Resp: 287131

Ion	Ratio	Lower	Upper
45	100		
43	70.9	53.1	79.7
87	24.7	21.0	31.6
59	10.2	8.2	12.4



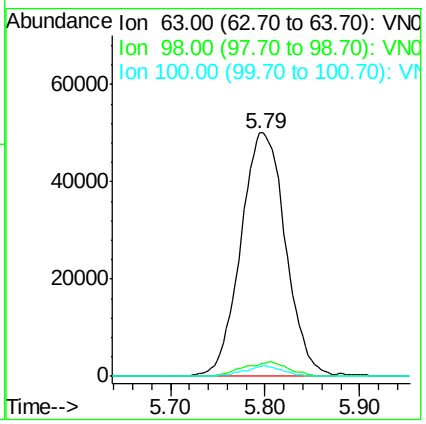


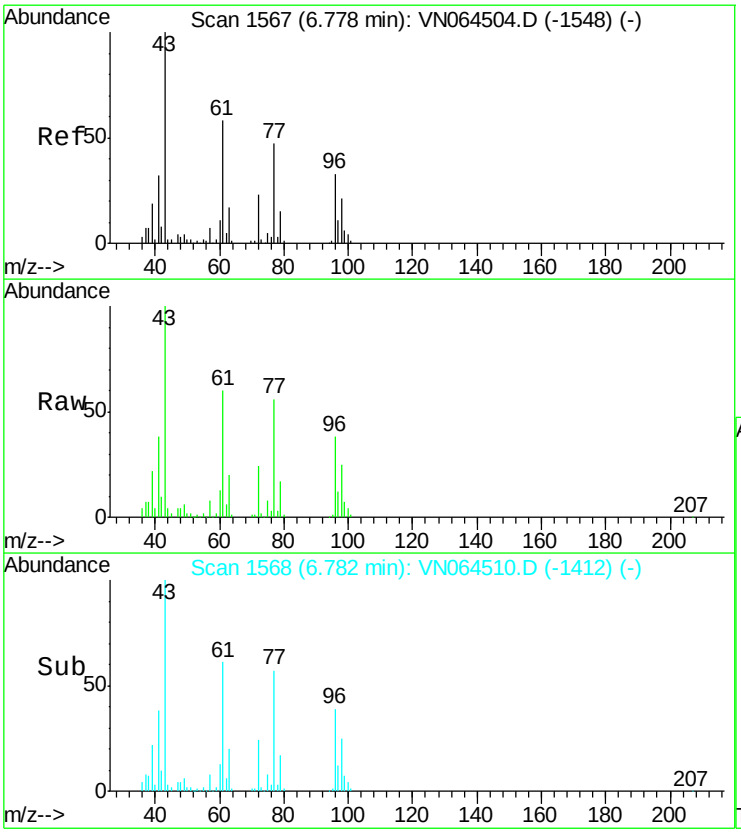
#21
1,1-Dichloroethane
Concen: 20.988 ug/l
RT: 5.79 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 164730

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.6	8.0
100	3.9	1.7	5.1

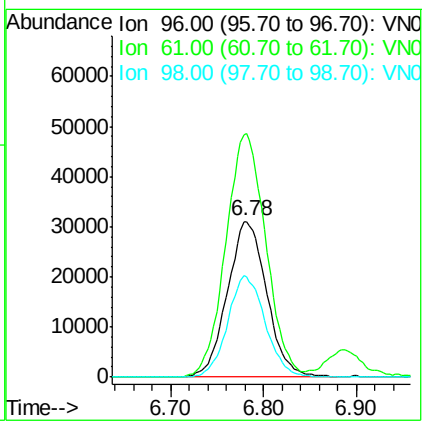


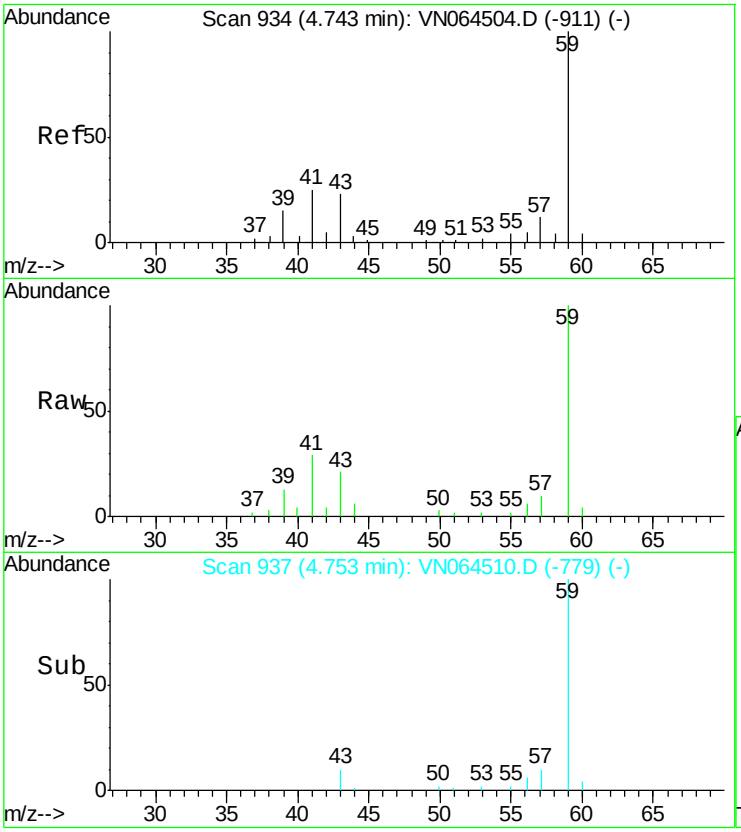


#22
cis-1,2-Dichloroethene
Concen: 20.364 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 96 Resp: 91257

Ion	Ratio	Lower	Upper
96	100		
61	159.2	136.1	204.1
98	62.2	51.8	77.8



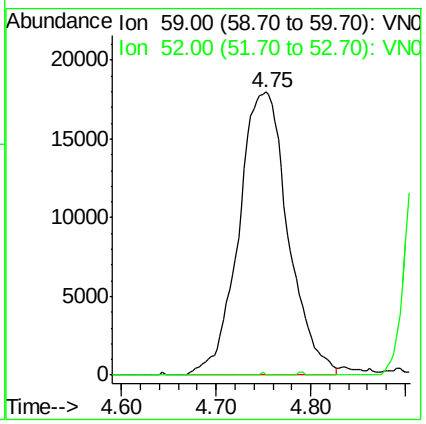


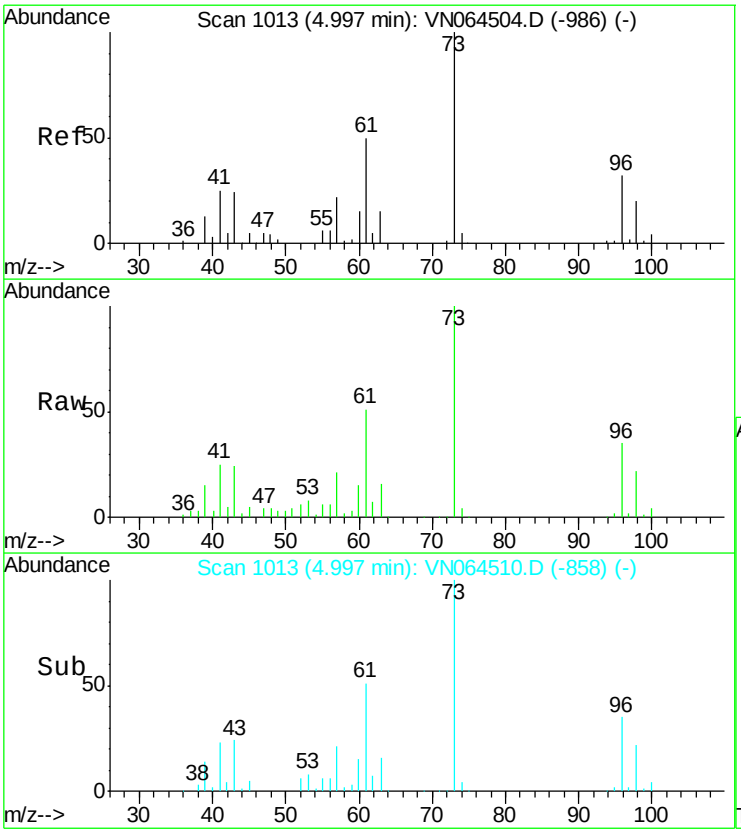
#23
tert-Butyl Alcohol
Concen: 100.465 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 65078

Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#

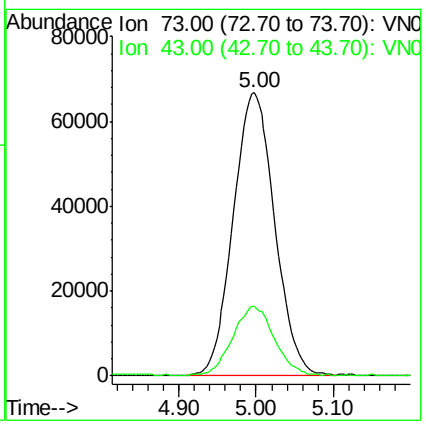


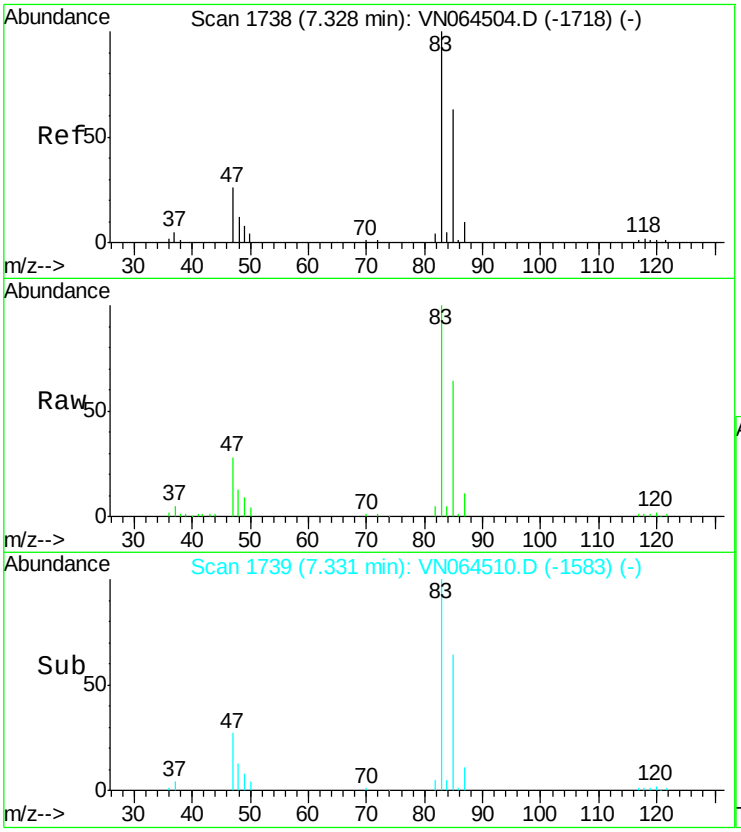


#24
Methyl tert-Butyl Ether
Concen: 20.186 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 73 Resp: 249090

Ion	Ratio	Lower	Upper
73	100		
43	24.3	10.2	15.2#



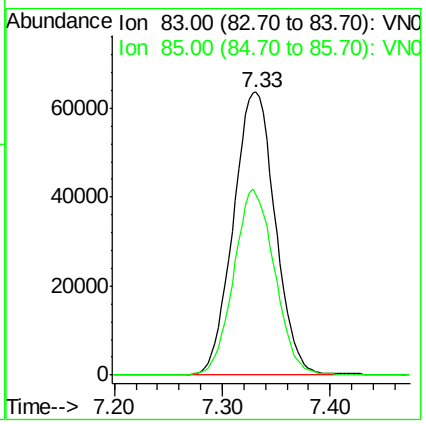


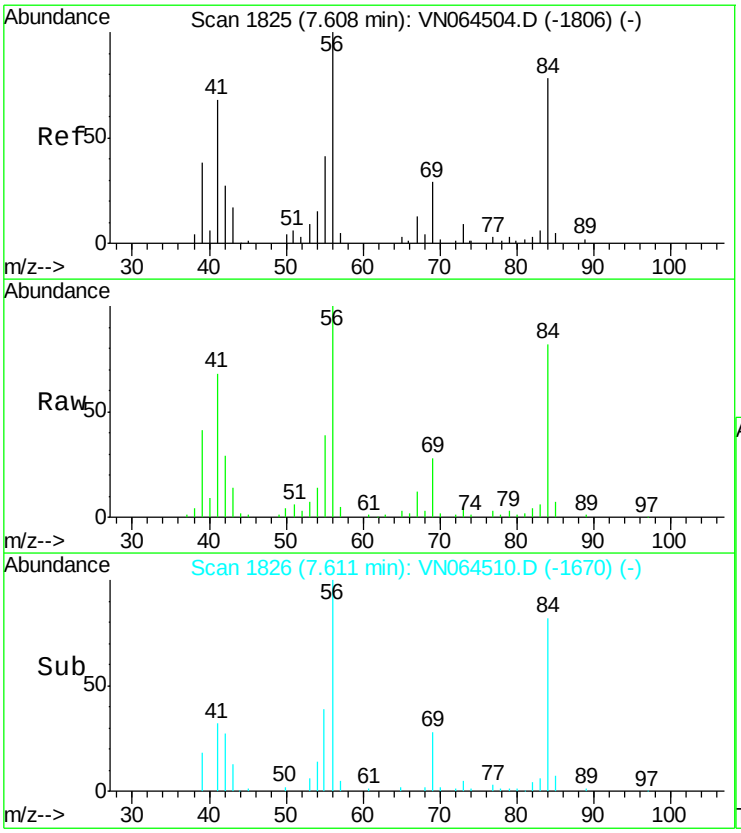
#25
Chloroform
Concen: 20.841 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 171889

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	75.8

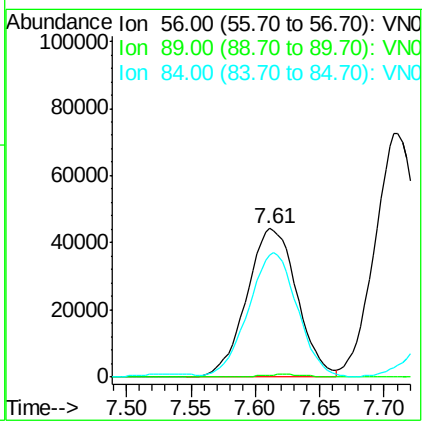


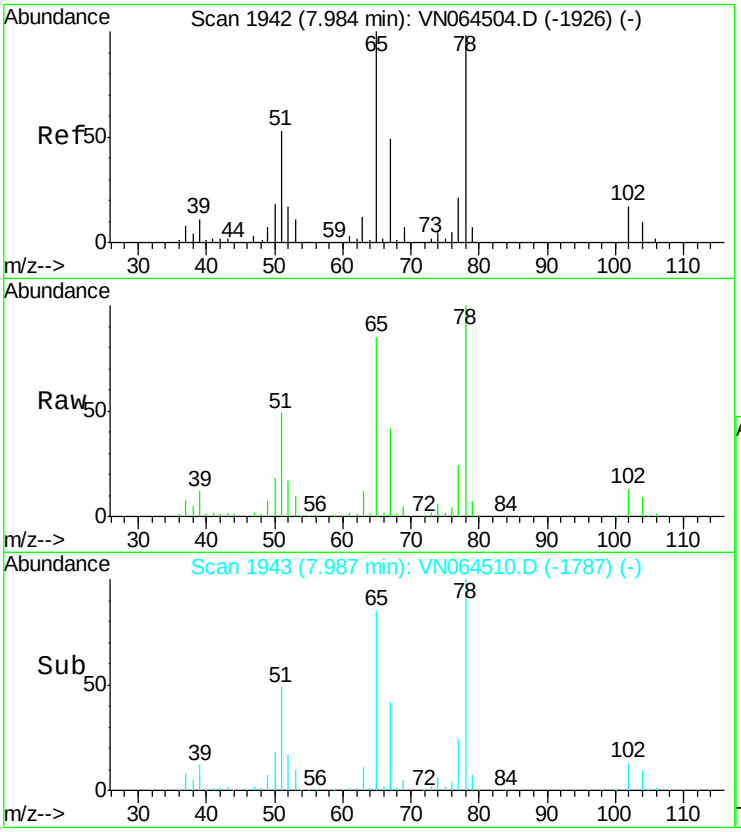


#26
Cyclohexane
Concen: 19.896 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 56 Resp: 120562

Ion	Ratio	Lower	Upper
56	100		
89	1.5	0.6	0.8#
84	81.6	66.1	99.1



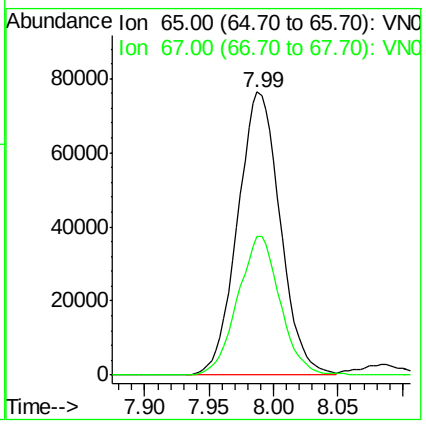


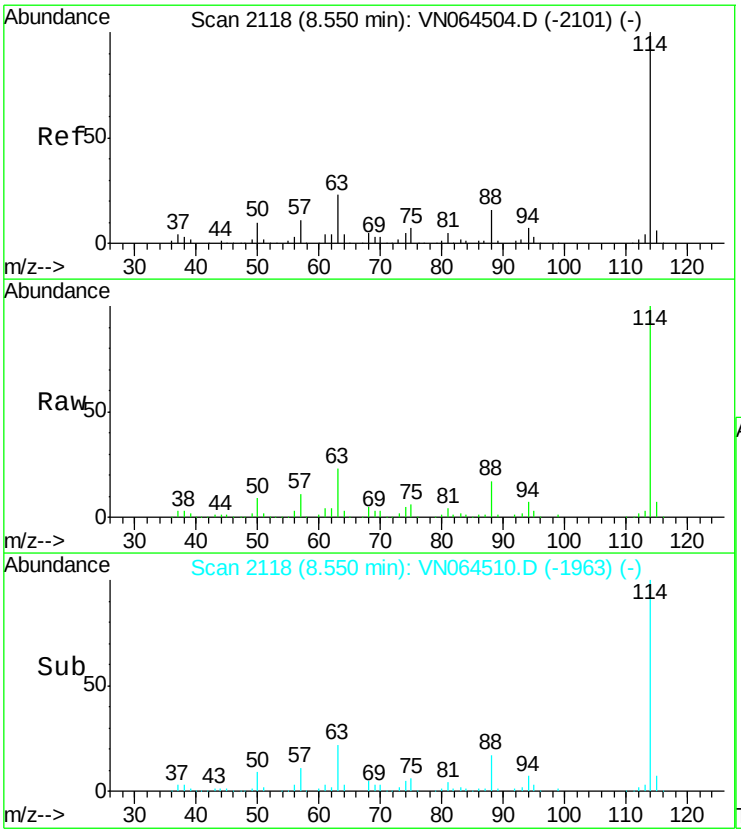
#27
1,2-Dichloroethane-d4
Concen: 30.693 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 175596

Ion	Ratio	Lower	Upper
65	100		
67	48.9	41.1	61.7

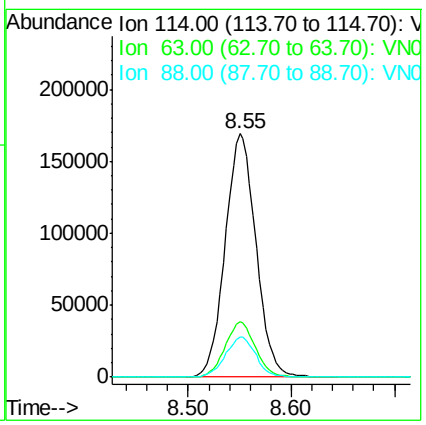


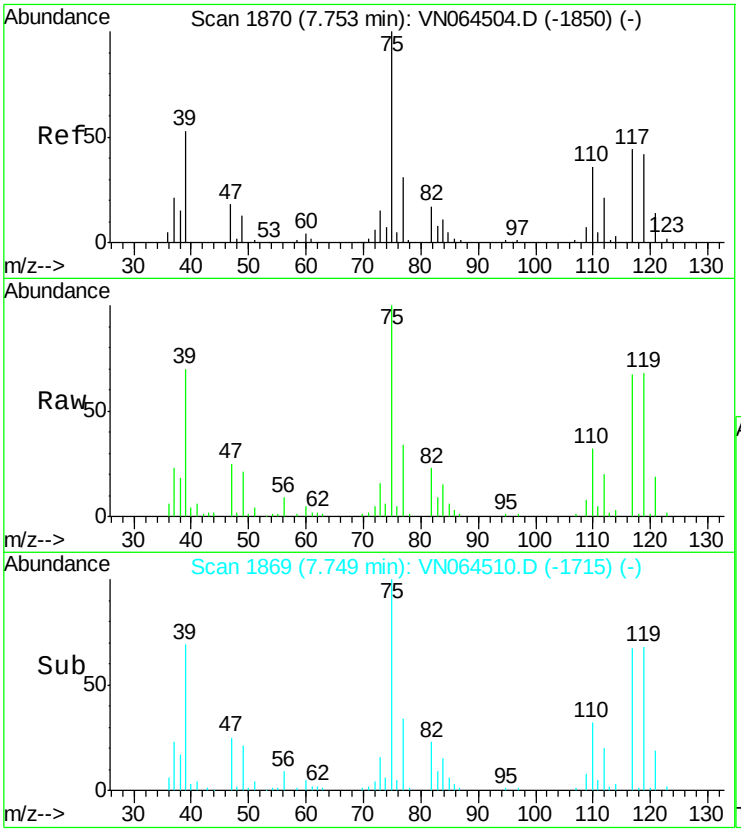


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:114 Resp: 352146

Ion	Ratio	Lower	Upper
114	100		
63	22.3	18.5	27.7
88	16.3	13.0	19.6



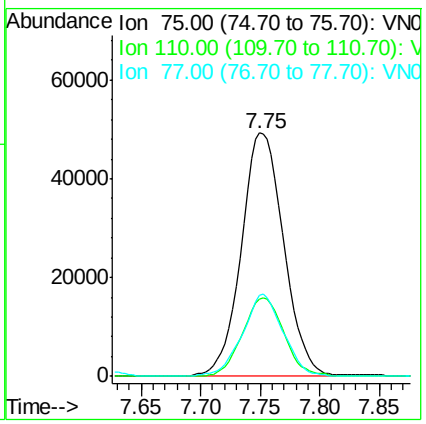


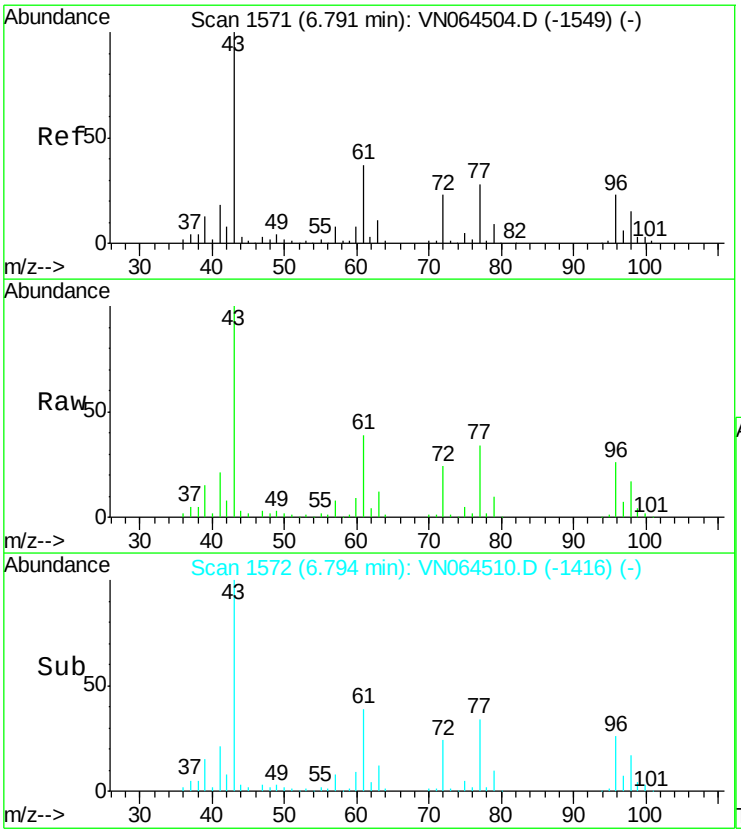
#29
1,1-Dichloropropene
Concen: 19.927 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 121780

Ion	Ratio	Lower	Upper
75	100		
110	31.6	0.0	66.4
77	32.2	0.0	62.0

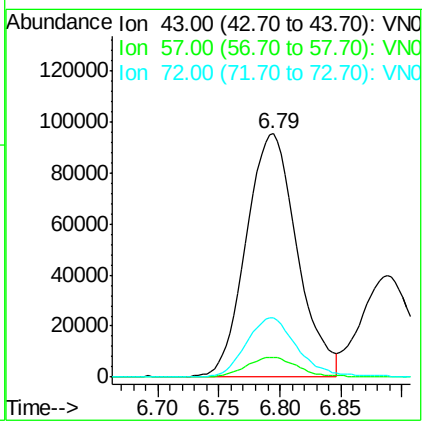


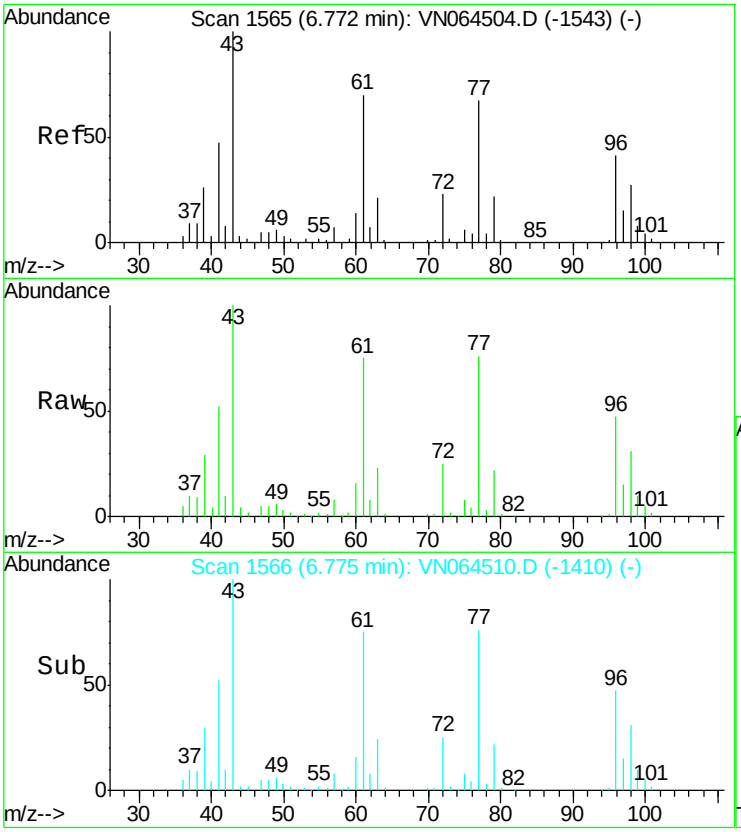


#30
2-Butanone
Concen: 91.159 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 275767

Ion	Ratio	Lower	Upper
43	100		
57	3.9	6.2	9.4#
72	24.8	9.9	14.9#



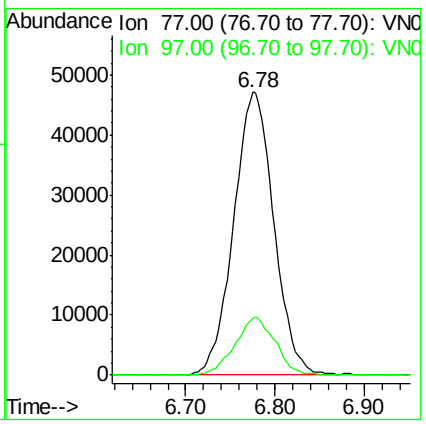


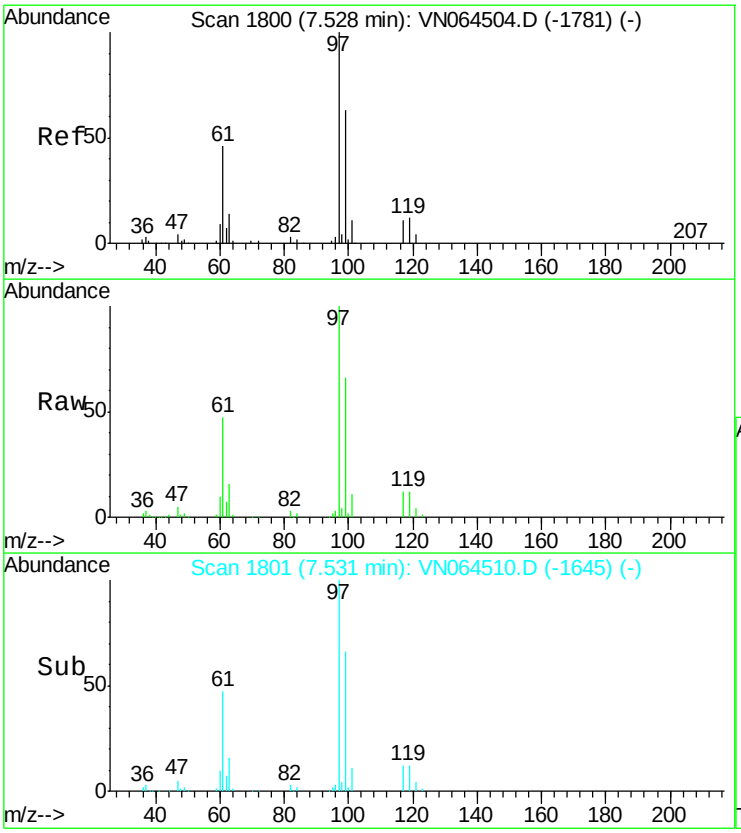
#31
2,2-Dichloropropane
Concen: 20.342 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 77 Resp: 147663

Ion	Ratio	Lower	Upper
77	100		
97	20.3	16.9	25.3

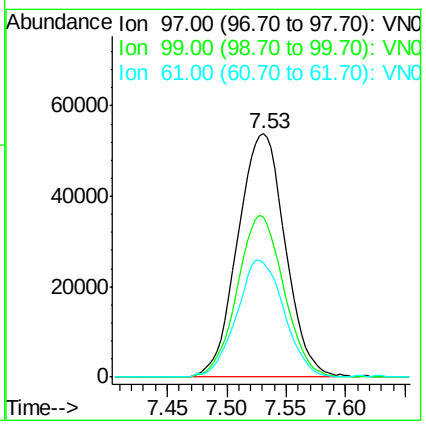


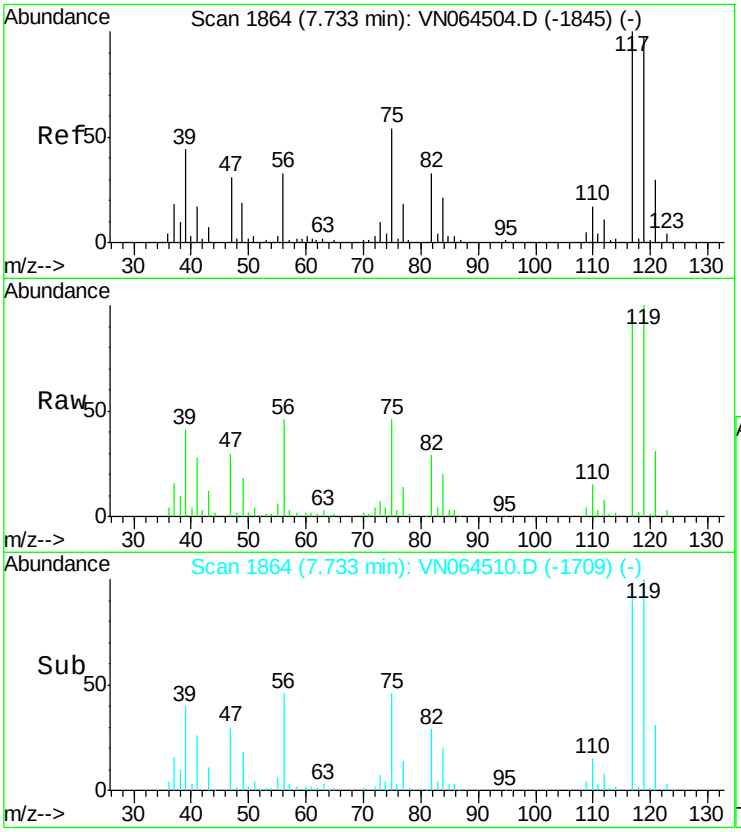


#32
1,1,1-Trichloroethane
Concen: 19.887 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 97 Resp: 149069

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	48.0	39.4	59.0



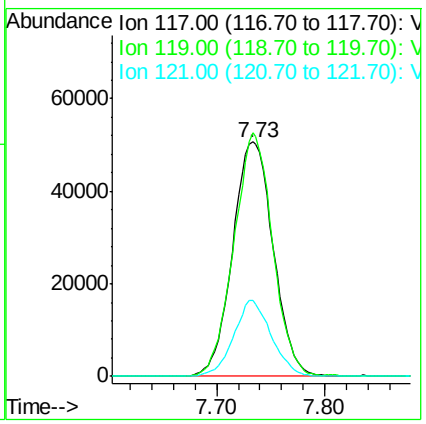


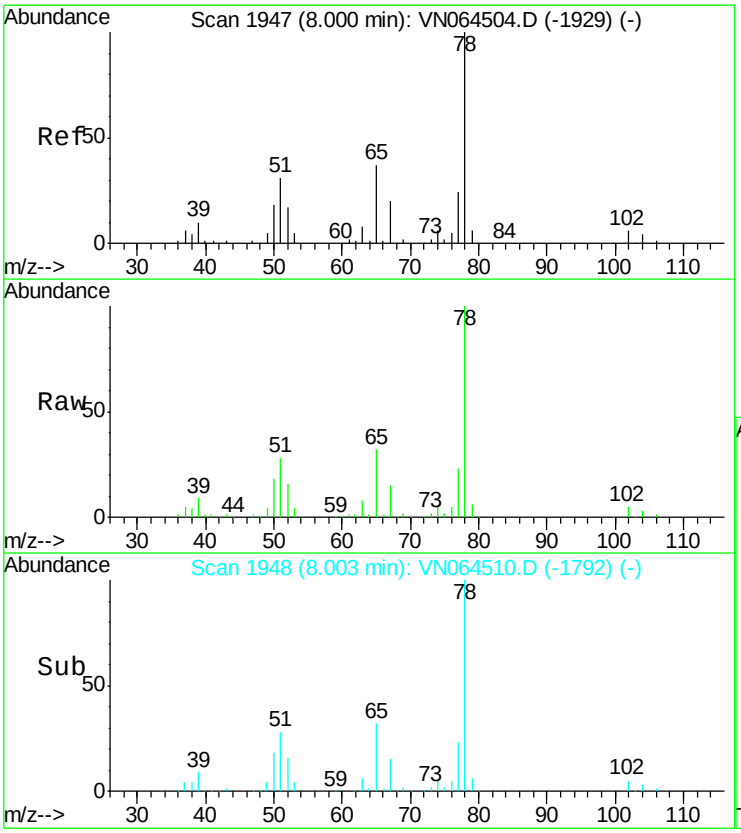
#33
Carbon Tetrachloride
Concen: 19.834 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 132772

Ion	Ratio	Lower	Upper
117	100		
119	103.8	77.9	116.9
121	32.6	24.0	36.0

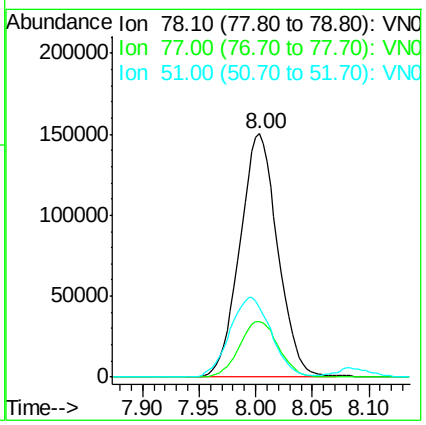


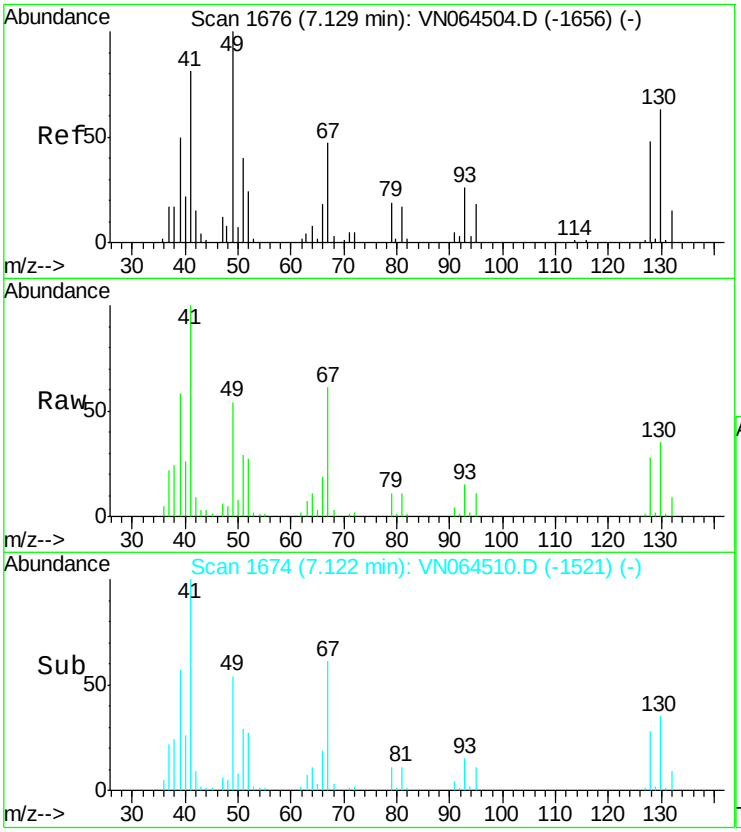


#34
Benzene
Concen: 19.827 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 78 Resp: 350836

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3
51	28.2	24.6	36.8



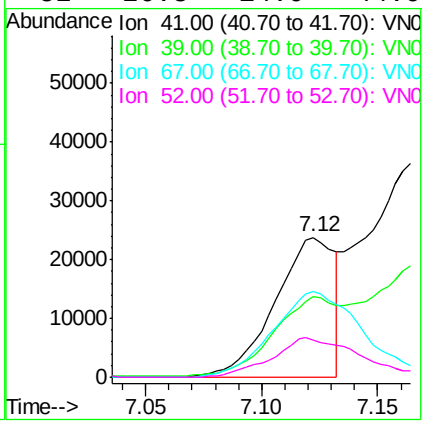


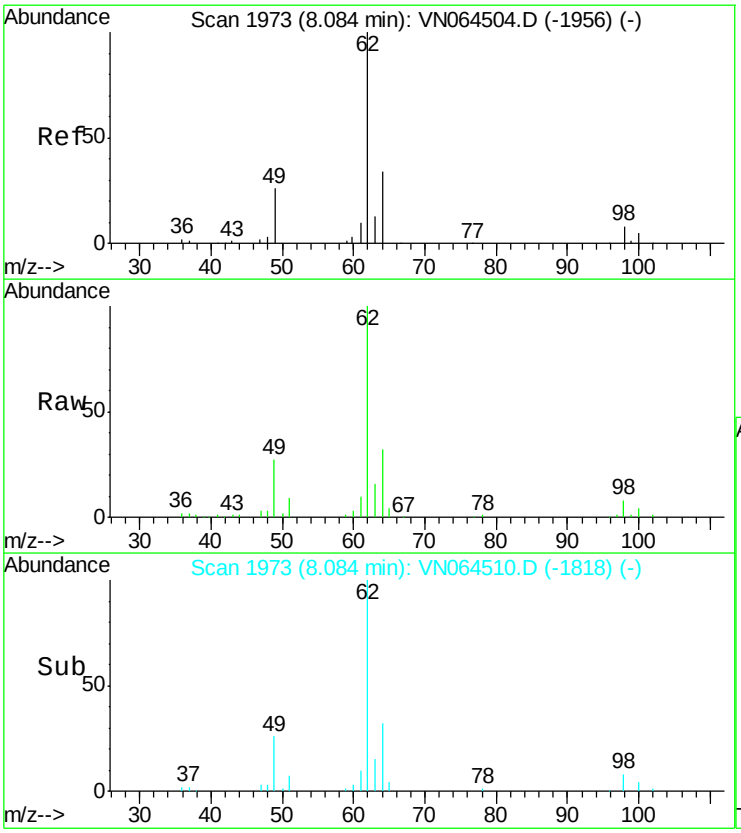
#35
Methacrylonitrile
Concen: 14.955 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 42322

Ion	Ratio	Lower	Upper
41	100		
39	56.3	30.0	90.1
67	61.5	29.2	87.6
52	26.8	14.9	44.9

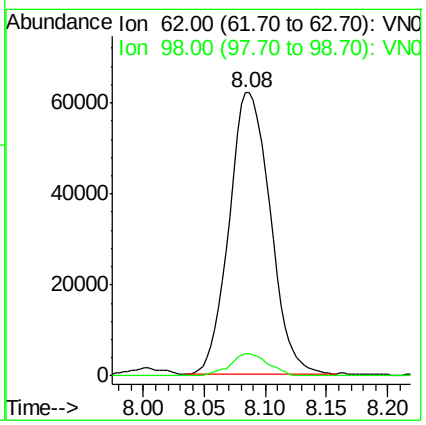


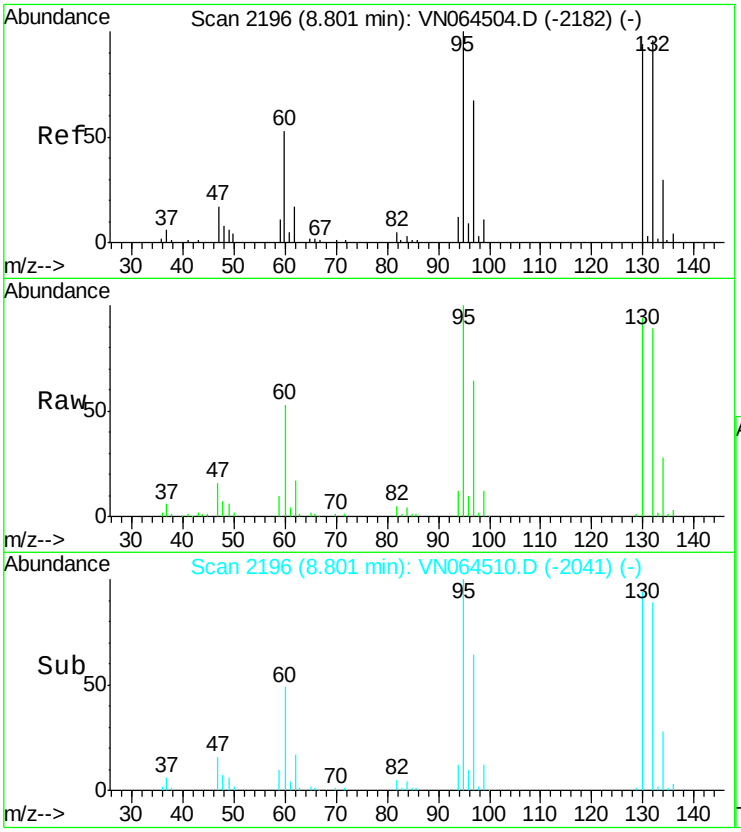


#36
1,2-Dichloroethane
Concen: 19.963 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 62 Resp: 144960

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.5	8.3



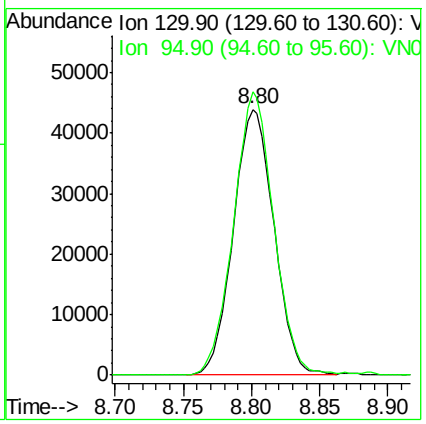


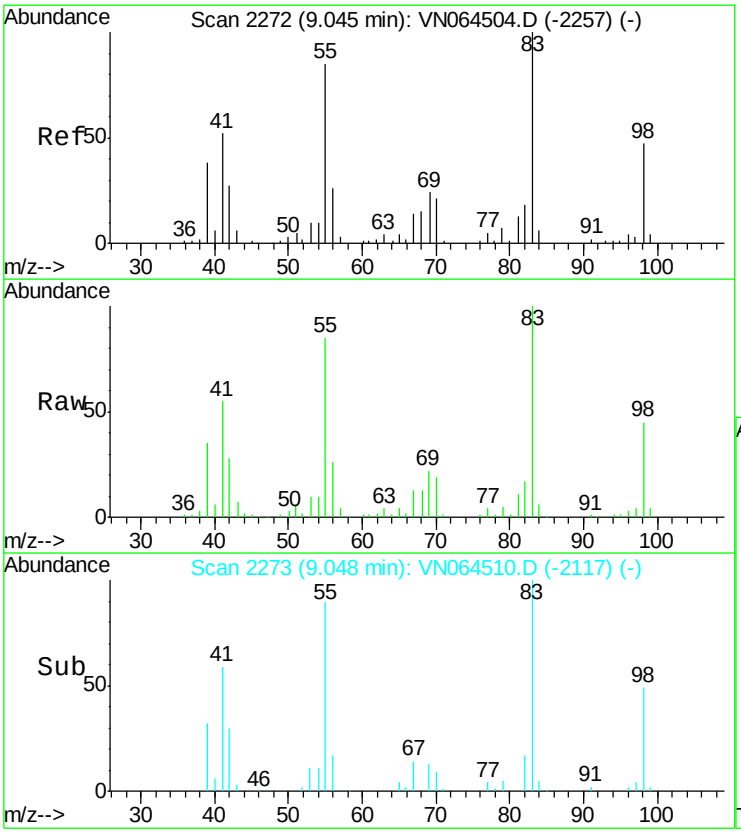
#37
Trichloroethene
Concen: 20.301 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:130 Resp: 90824

Ion	Ratio	Lower	Upper
130	100		
95	106.6	85.1	127.7

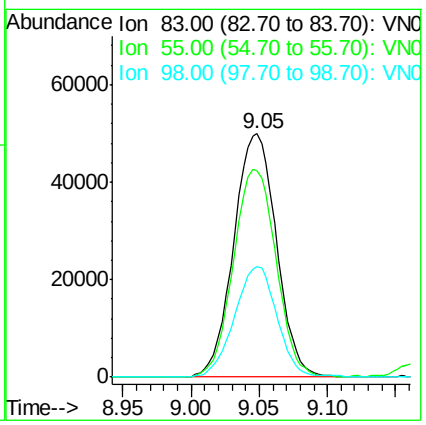


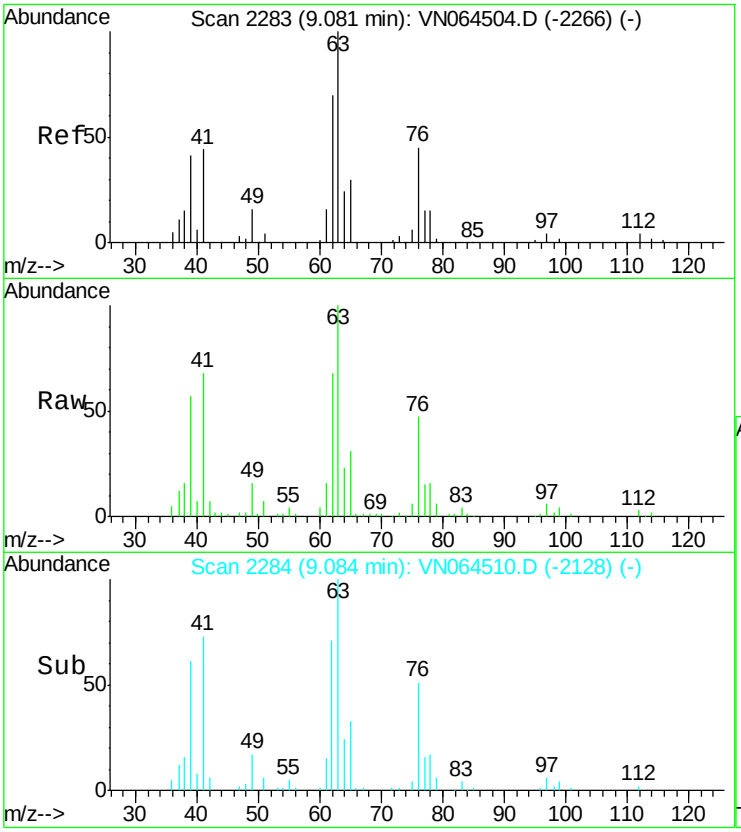


#38
Methylcyclohexane
Concen: 19.659 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 83 Resp: 108665

Ion	Ratio	Lower	Upper
83	100		
55	85.6	42.0	126.1
98	45.1	22.5	67.5



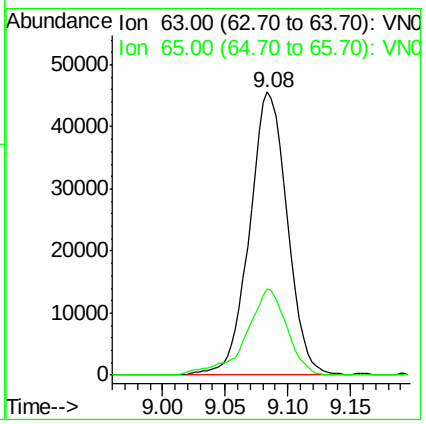


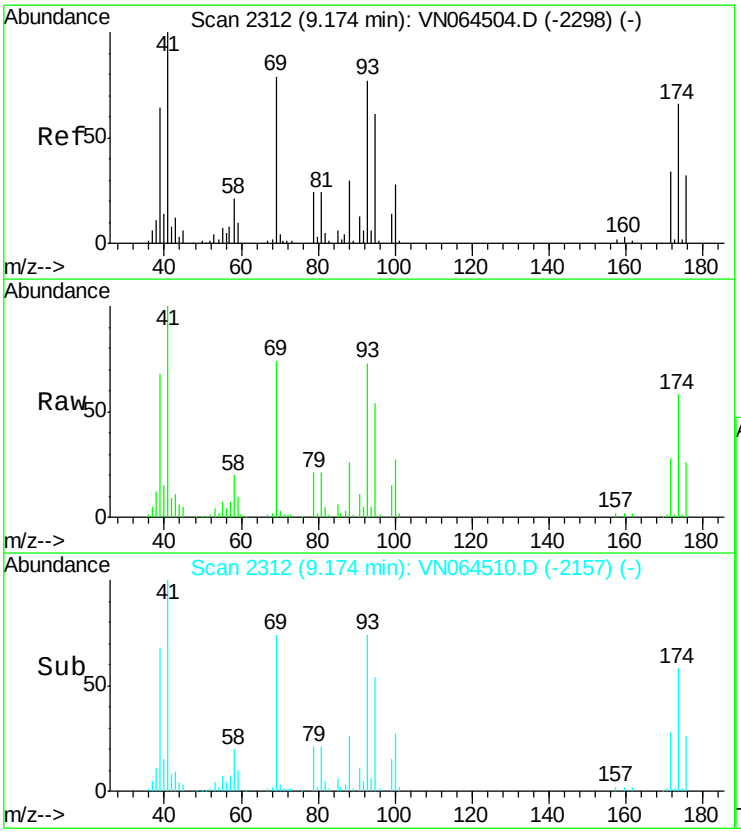
#39
1,2-Dichloropropane
Concen: 20.118 ug/l
RT: 9.08 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 95652

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.4	36.6

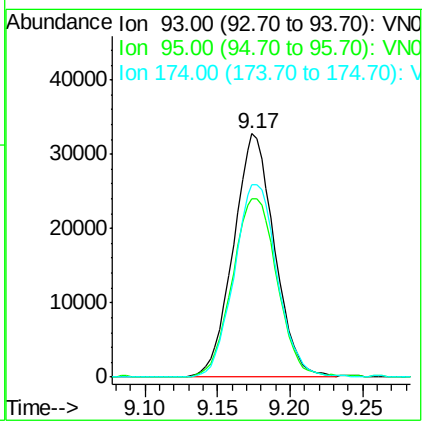


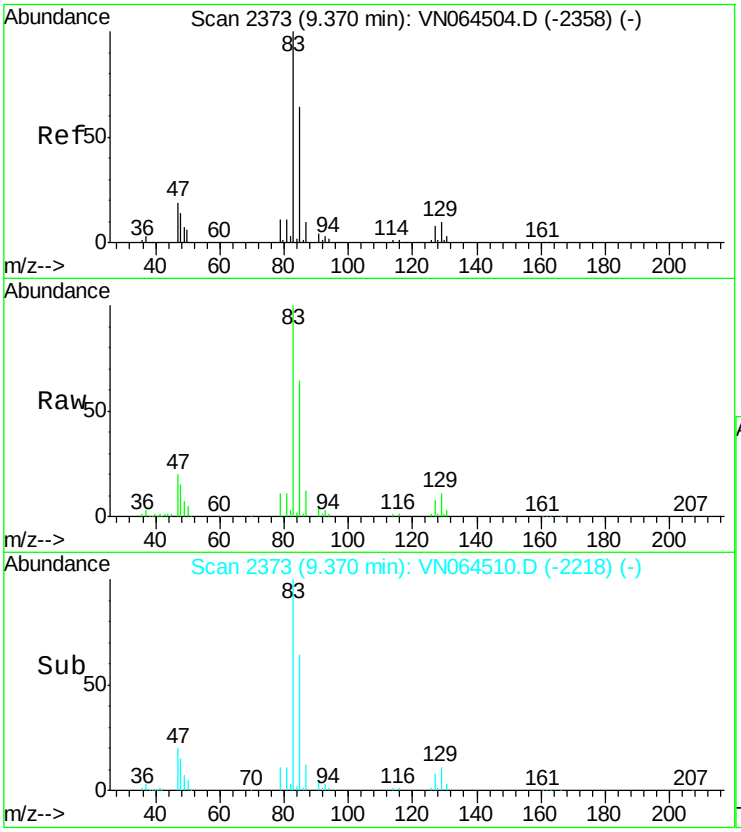


#40
Dibromomethane
Concen: 20.139 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 93 Resp: 64595

Ion	Ratio	Lower	Upper
93	100		
95	79.6	0.0	164.6
174	82.8	0.0	165.6



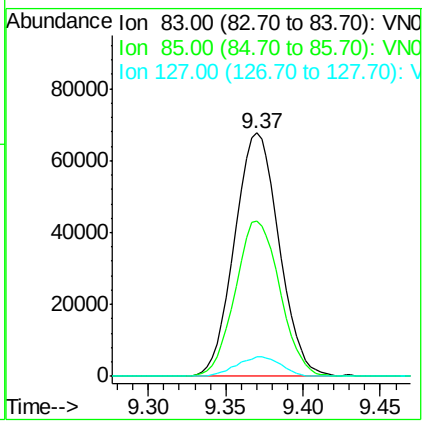


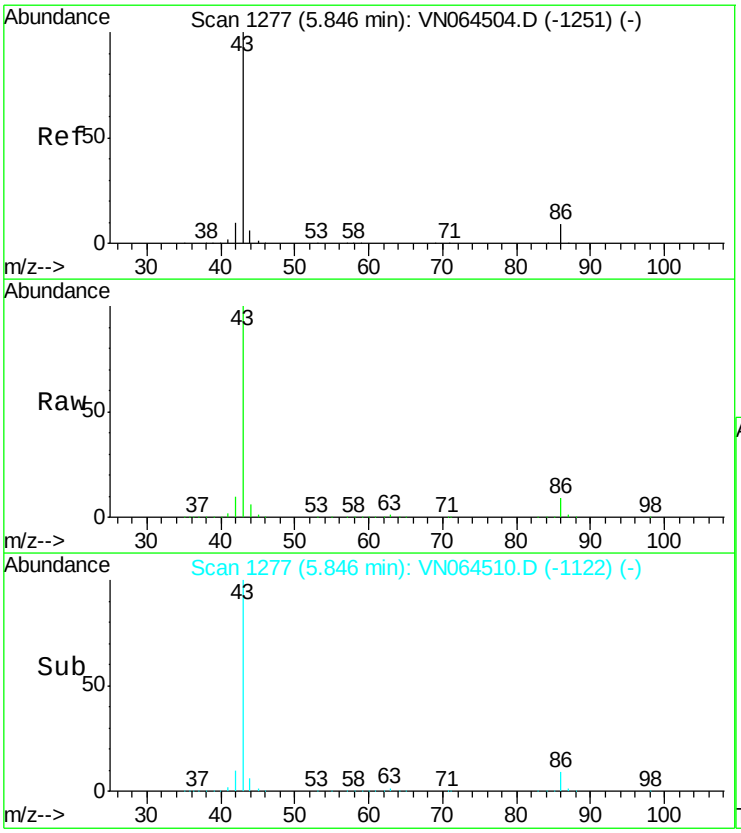
#41
Bromodichloromethane
Concen: 19.506 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 135599

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.4
127	7.8	6.2	9.4

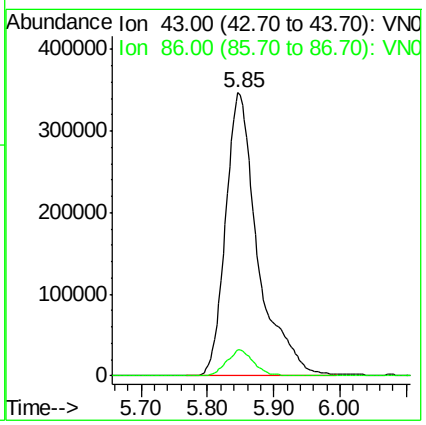


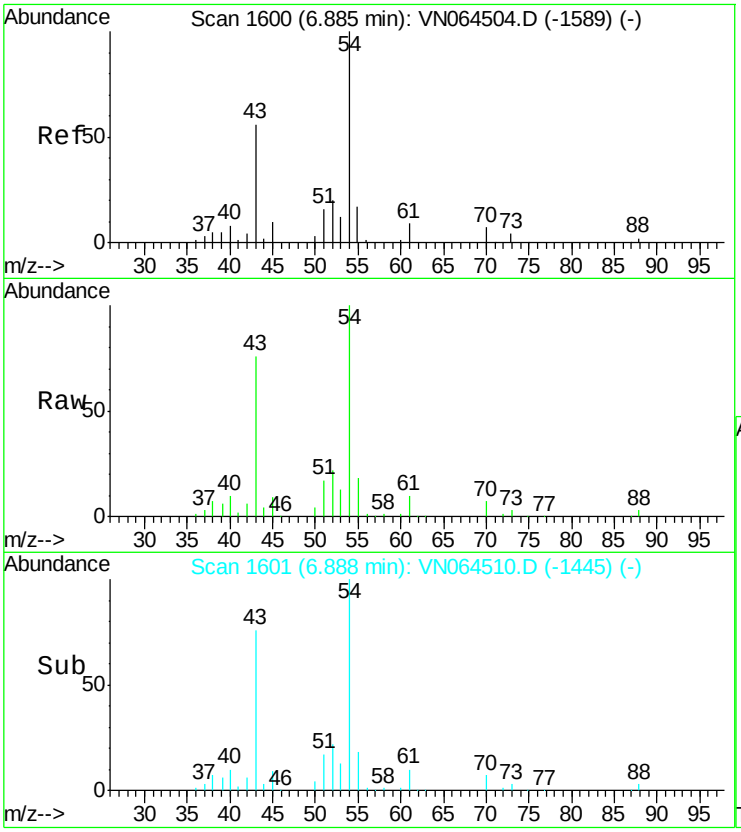


#42
Vinyl Acetate
Concen: 96.777 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 1172019

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.3	9.5



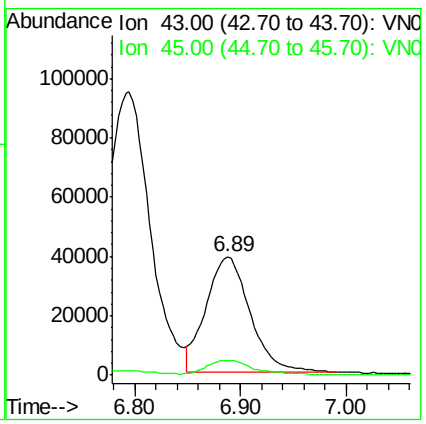


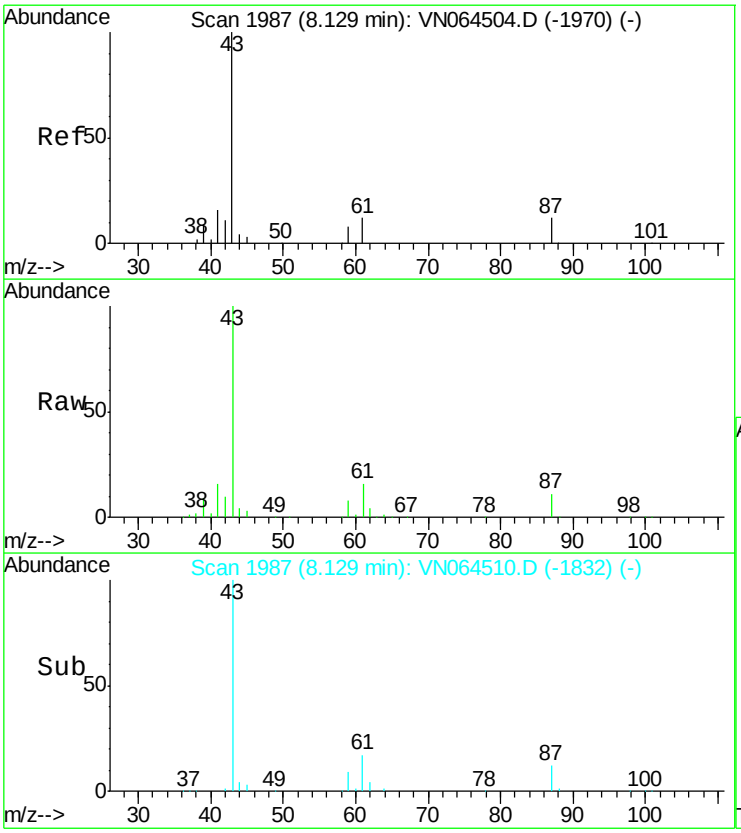
#43
Ethyl Acetate
Concen: 19.306 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 113640

Ion	Ratio	Lower	Upper
43	100		
45	11.5	10.9	16.3

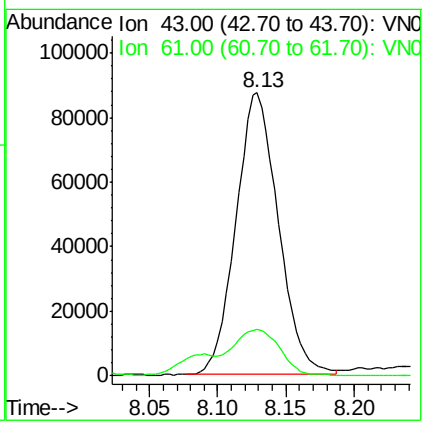


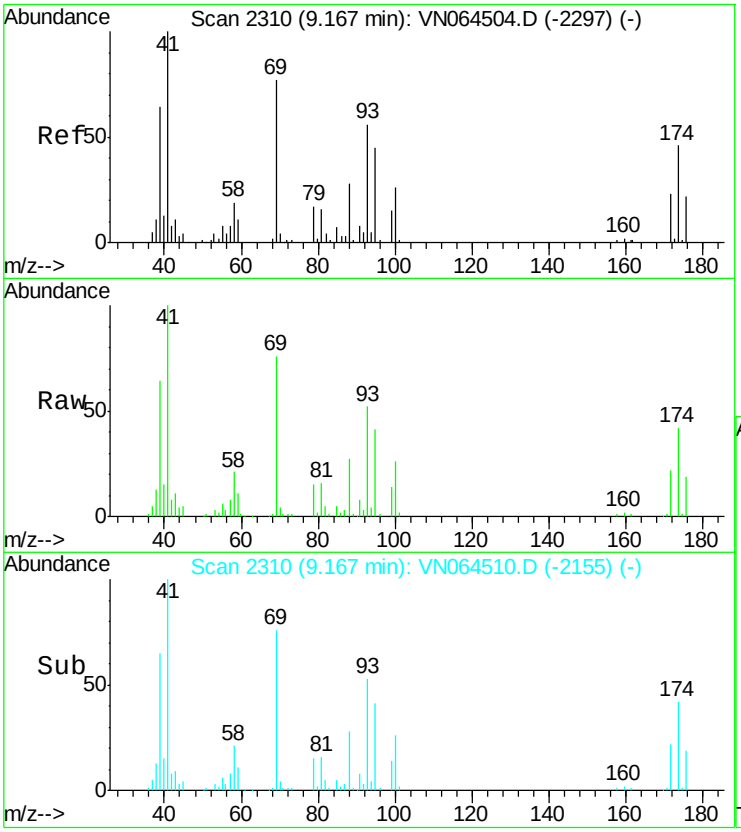


#44
Isopropyl Acetate
Concen: 18.536 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 188344

Ion	Ratio	Lower	Upper
43	100		
61	17.3	13.0	19.4



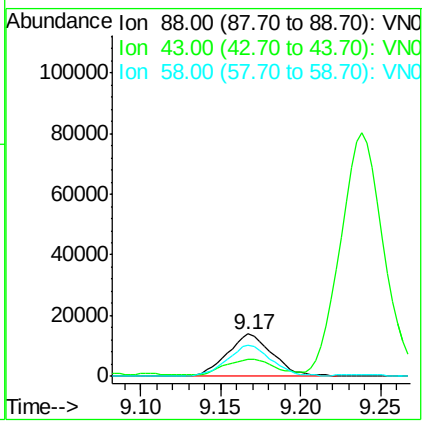


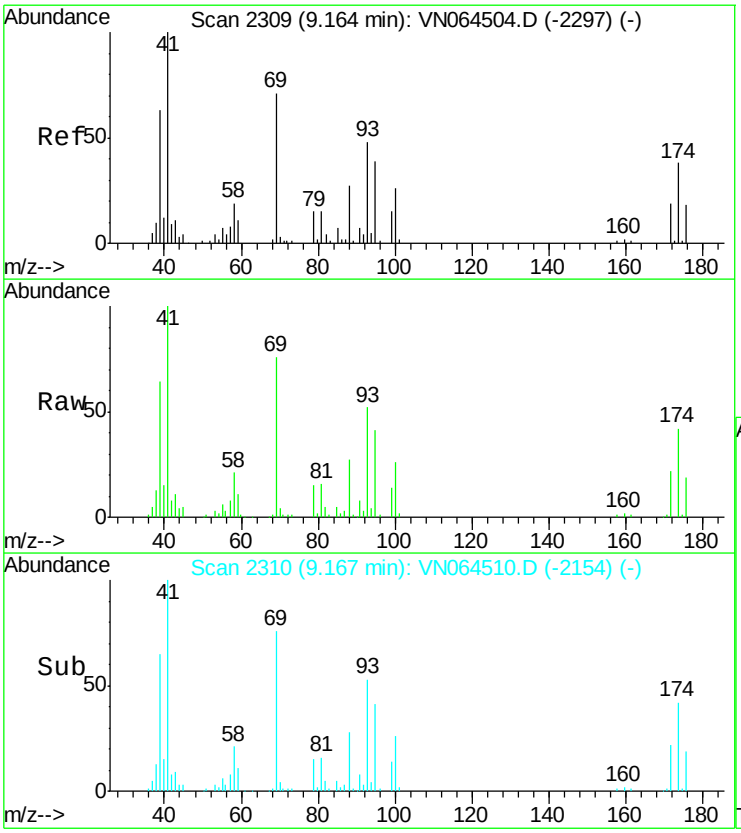
#45
1,4-Dioxane
Concen: 380.433 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 27098

Ion	Ratio	Lower	Upper
88	100		
43	37.3	30.6	46.0
58	72.1	57.9	86.9

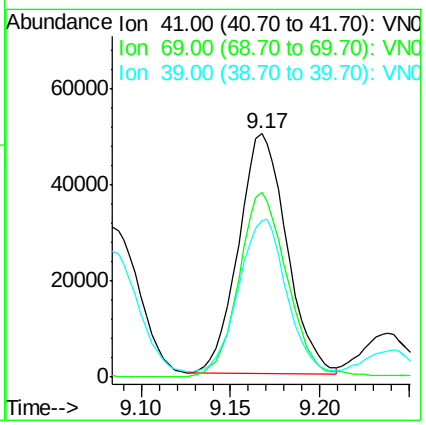


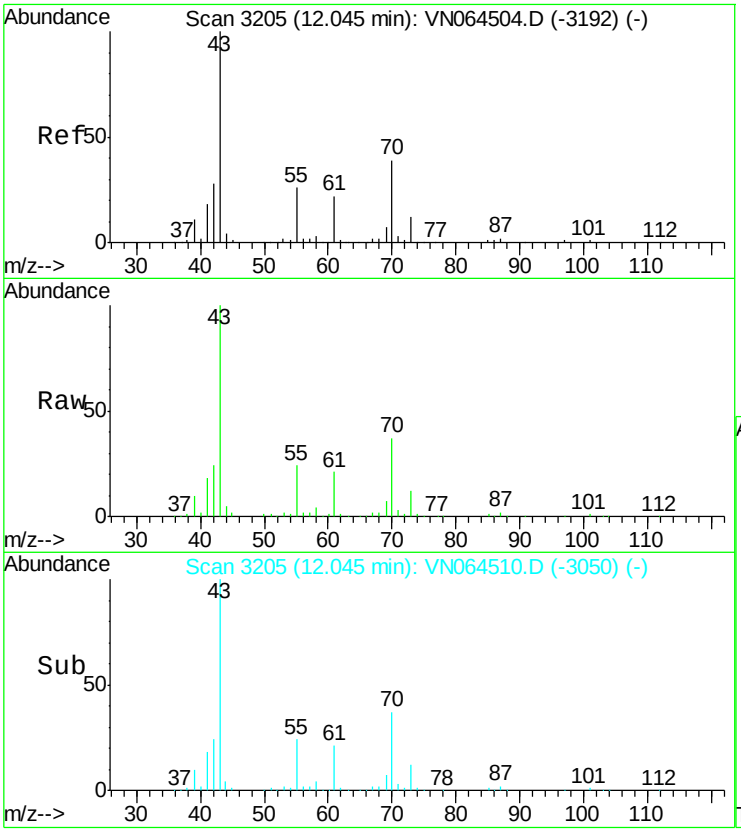


#46
Methyl methacrylate
Concen: 18.582 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 41 Resp: 93902

Ion	Ratio	Lower	Upper
41	100		
69	77.0	35.4	106.2
39	63.4	31.6	94.7



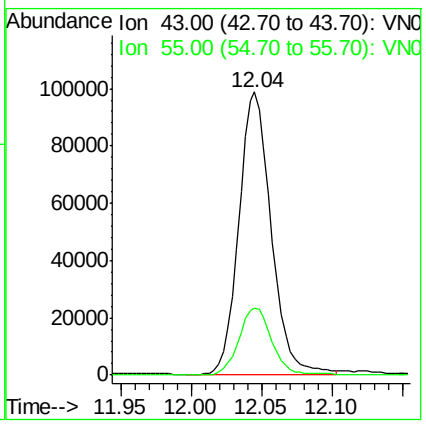


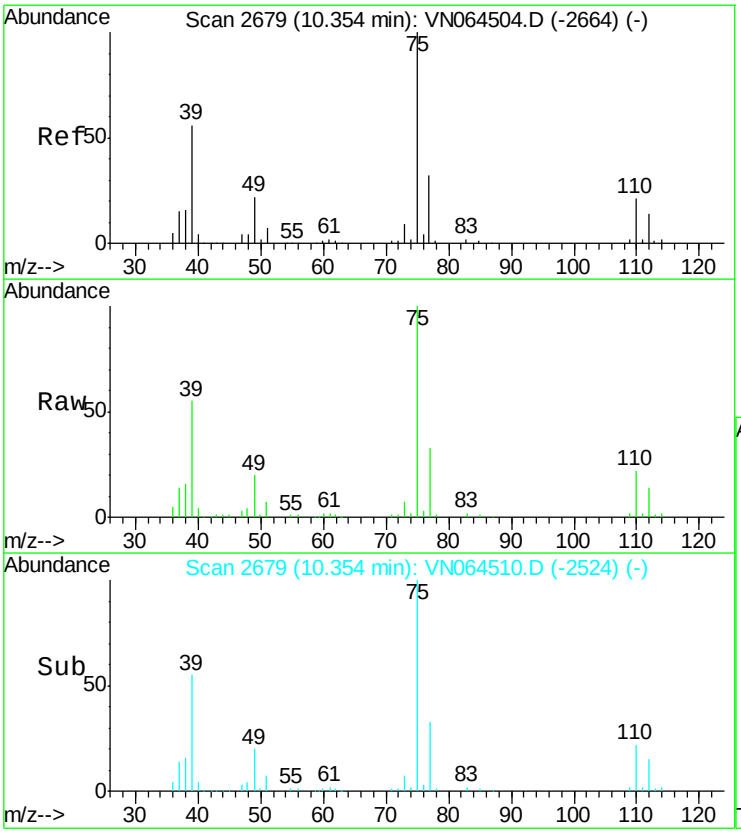
#47
n-amyl Acetate
Concen: 18.035 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 158529

Ion	Ratio	Lower	Upper
43	100		
55	24.4	19.2	28.8

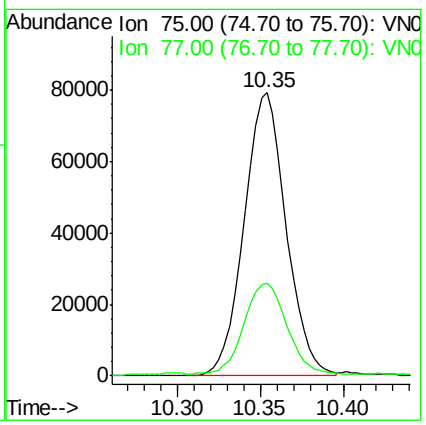


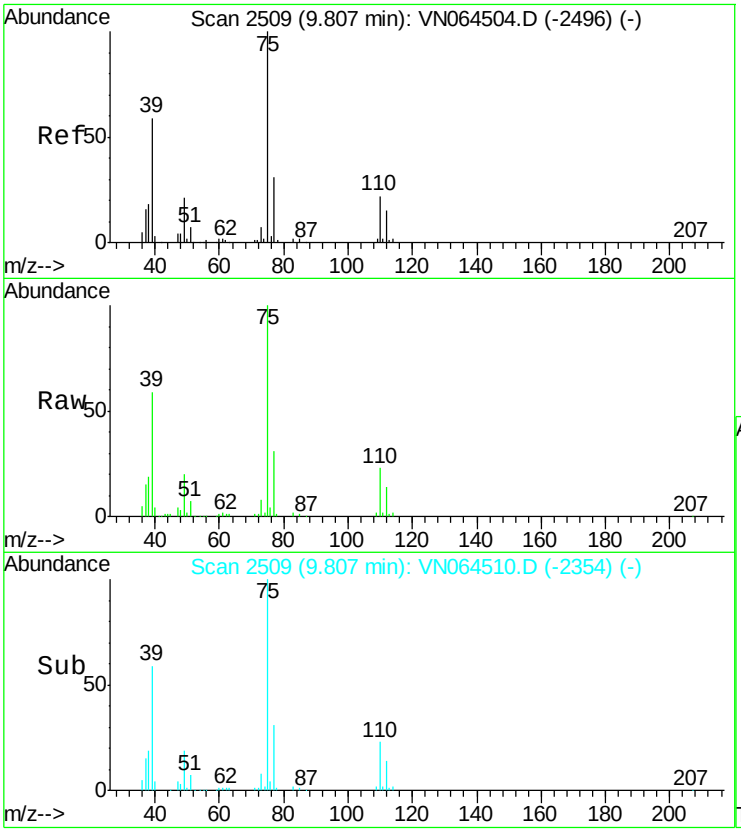


#48
t-1,3-Dichloropropene
Concen: 18.955 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 75 Resp: 139639

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6



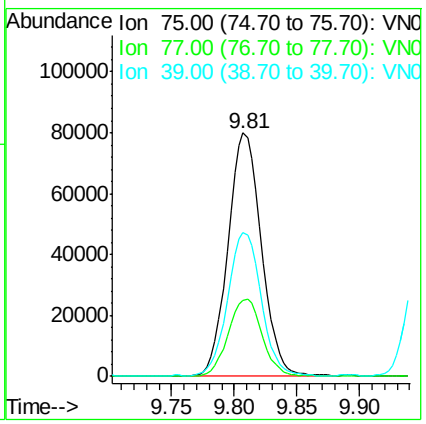


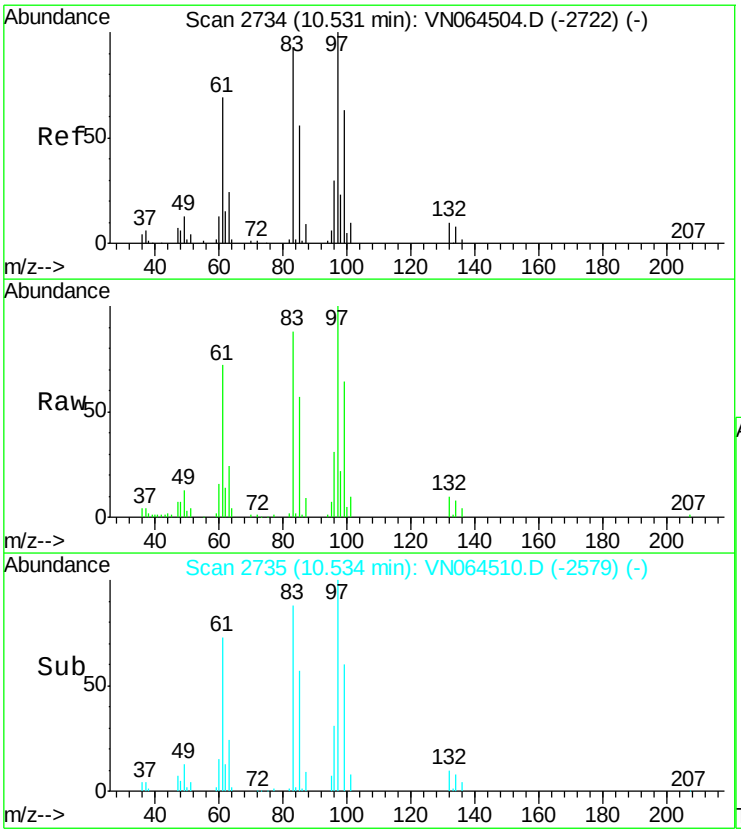
#49
cis-1,3-Dichloropropene
Concen: 19.164 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 148337

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	59.0	47.4	71.0

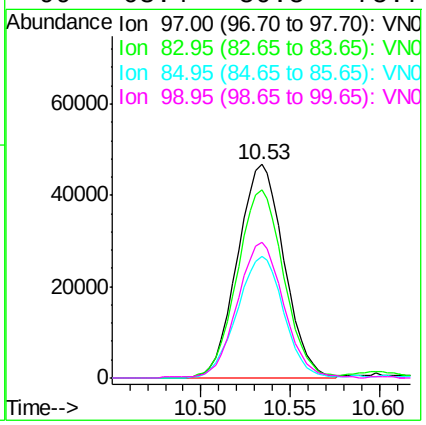


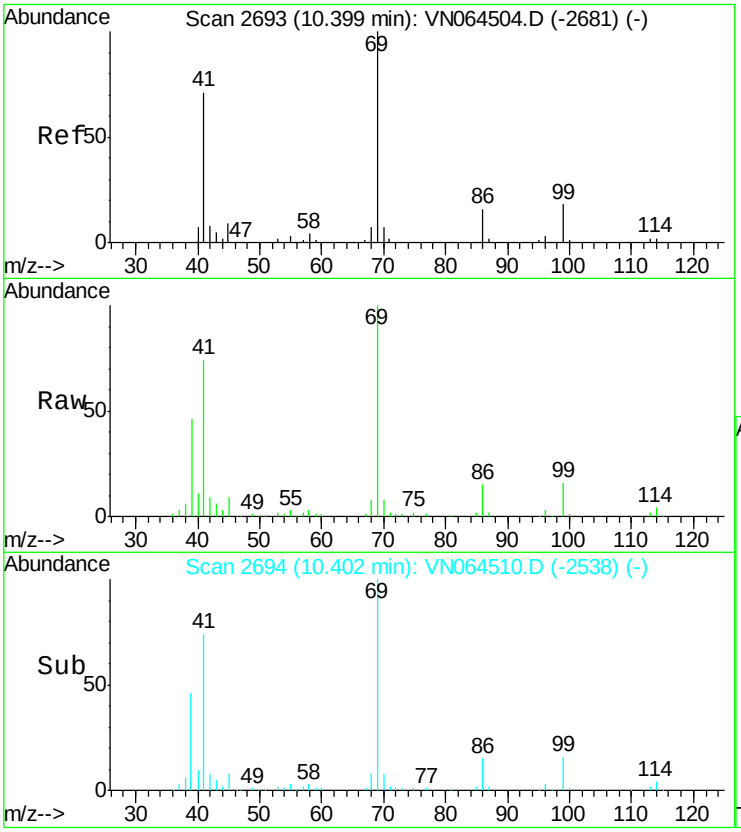


#50
1,1,2-Trichloroethane
Concen: 19.470 ug/l
RT: 10.53 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 97 Resp: 85618

Ion	Ratio	Lower	Upper
97	100		
83	87.4	74.2	111.4
85	57.0	44.8	67.2
99	63.4	50.5	75.7



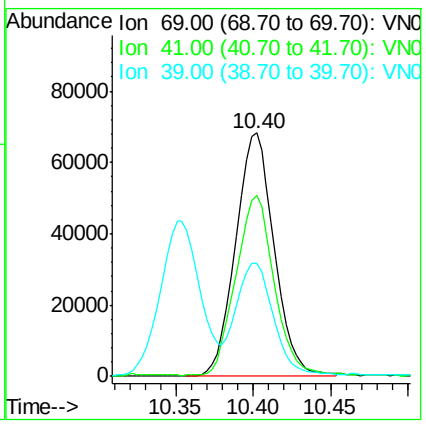


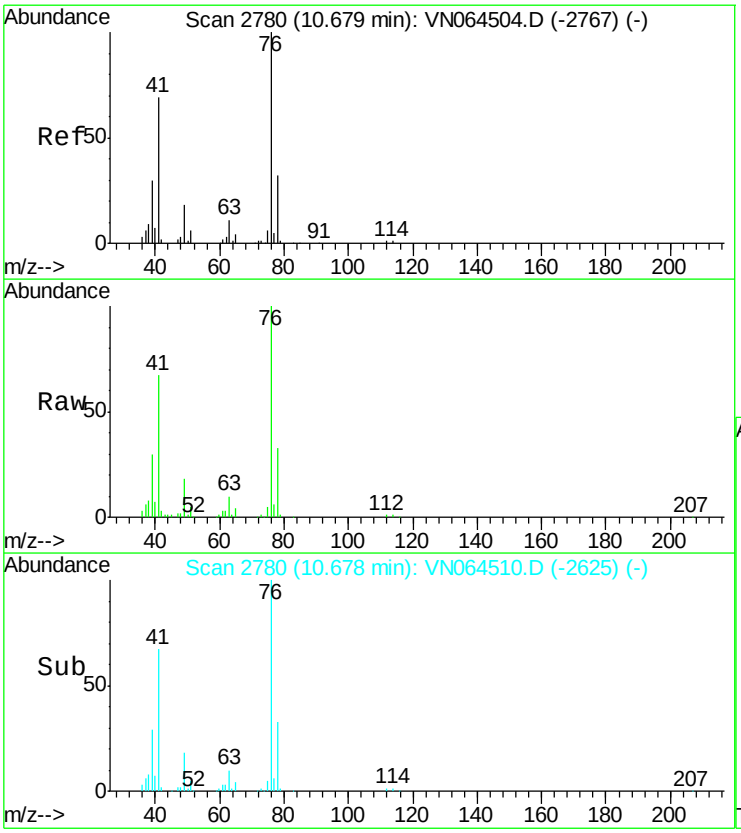
#51
Ethyl methacrylate
Concen: 18.799 ug/l
RT: 10.40 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 118462

Ion	Ratio	Lower	Upper
69	100		
41	73.7	35.4	106.1
39	45.5	24.1	72.2

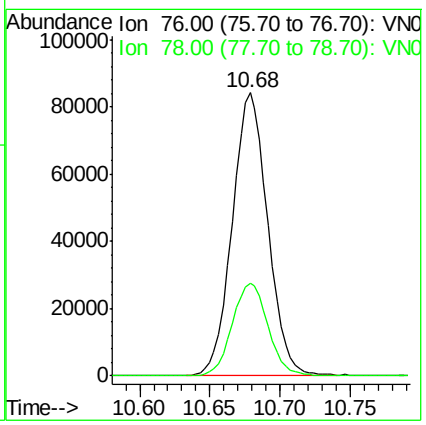


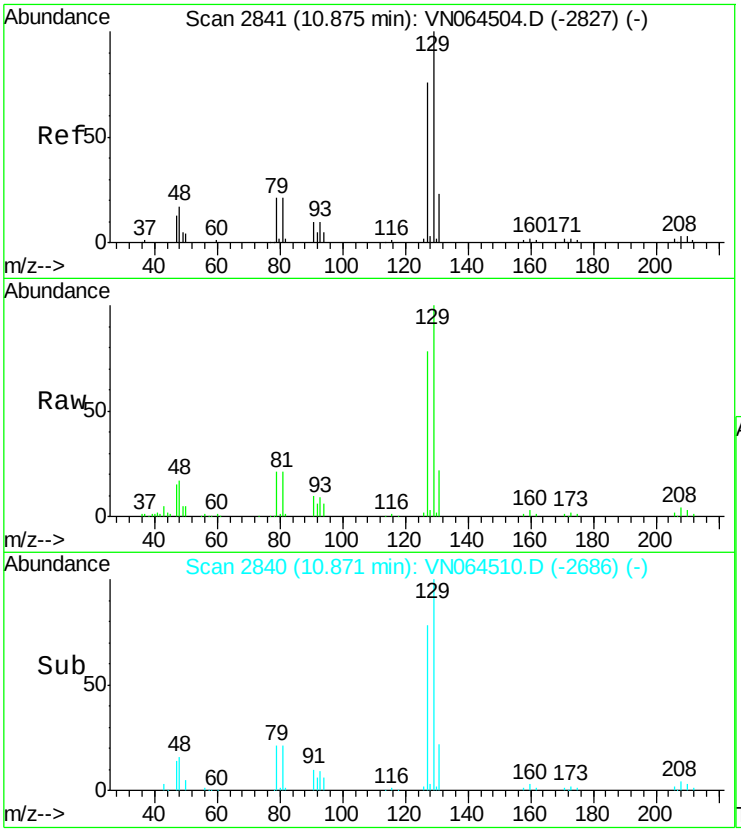


#52
1,3-Dichloropropane
Concen: 19.683 ug/l
RT: 10.68 min Scan# 2780
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 76 Resp: 148696

Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2



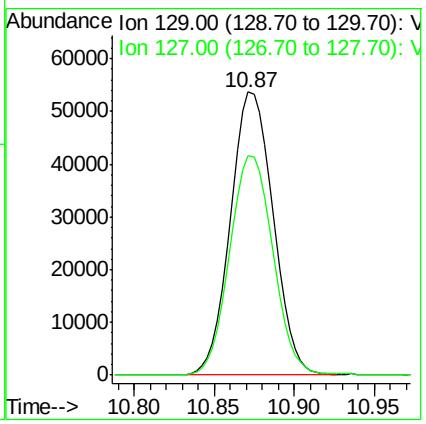


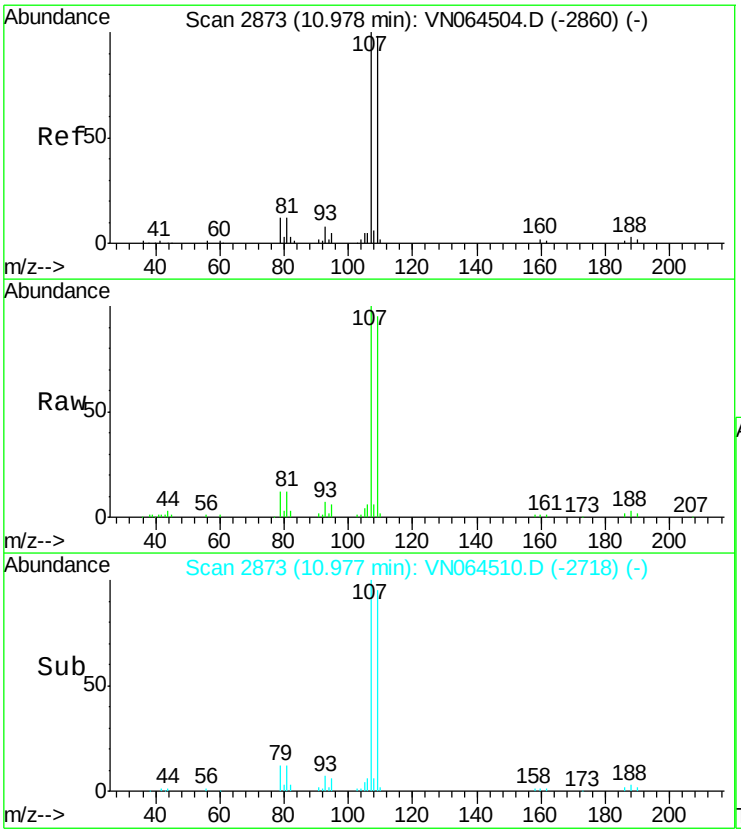
#53
Dibromochloromethane
Concen: 19.479 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:129 Resp: 98096

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2

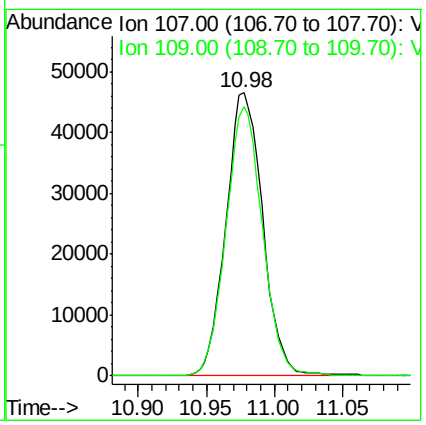


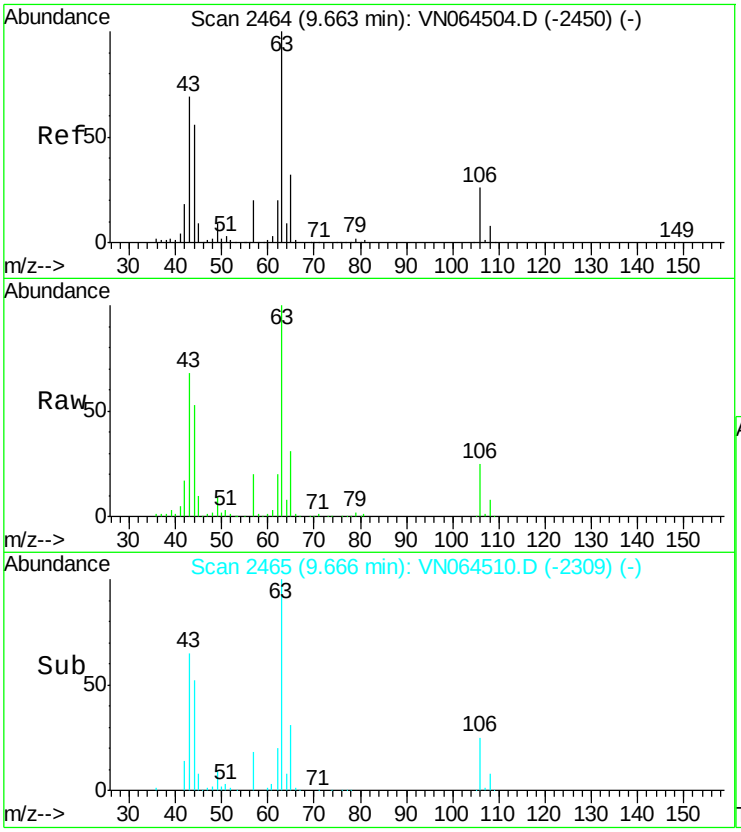


#54
1,2-Dibromoethane
Concen: 19.417 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:107 Resp: 87336

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.2	115.8



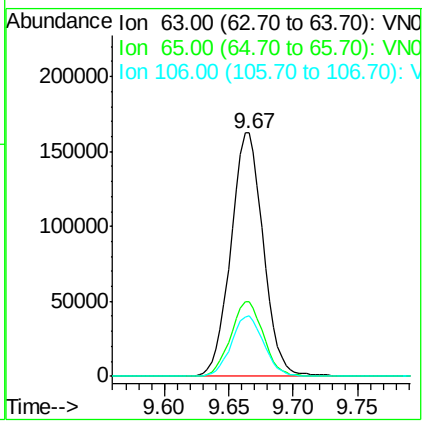


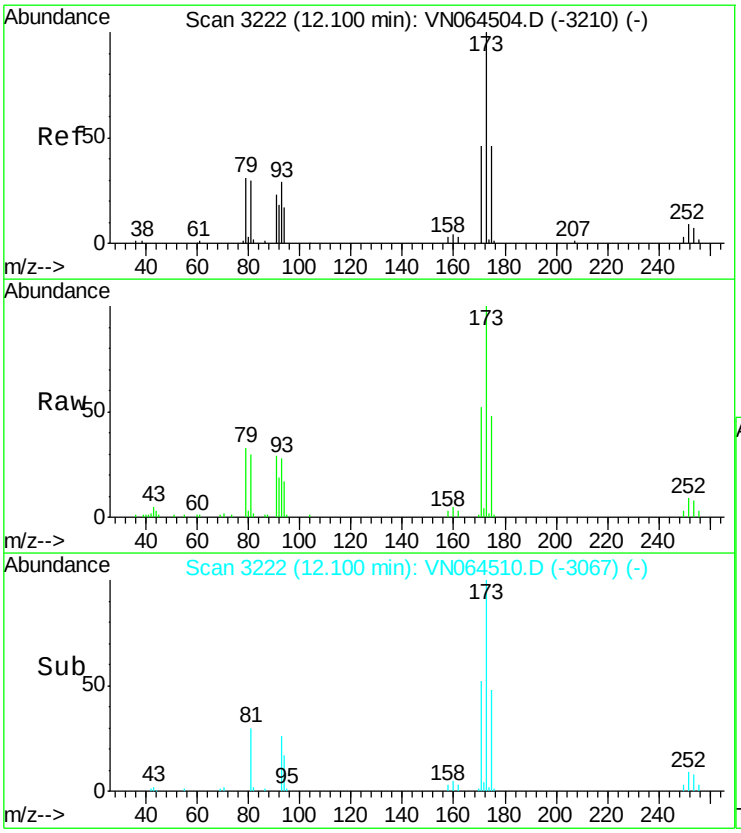
#55
2-Chloroethyl vinyl ether
Concen: 86.275 ug/l
RT: 9.67 min Scan# 2465
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 284510

Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.7	38.5
106	24.9	19.9	29.9

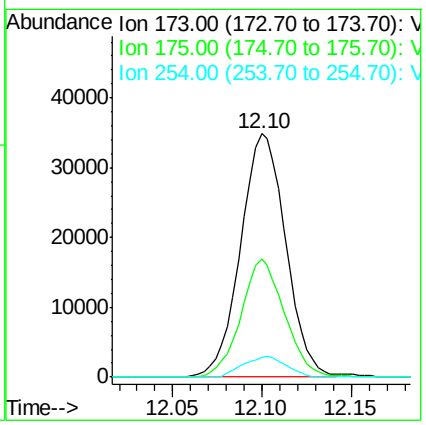


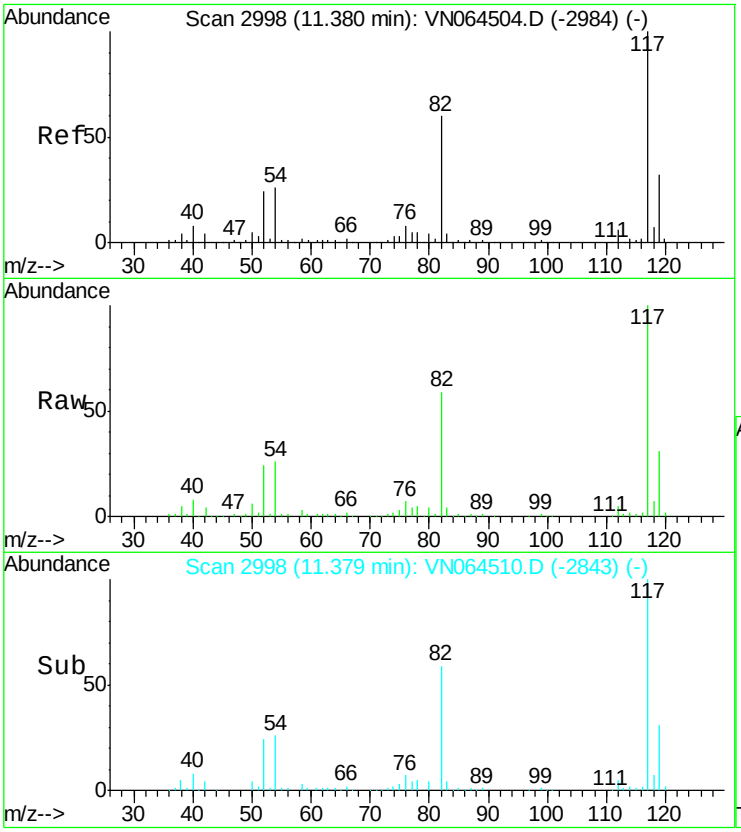


#56
Bromoform
Concen: 18.650 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:173 Resp: 61634

Ion	Ratio	Lower	Upper
173	100		
175	46.9	37.1	55.7
254	8.0	5.4	8.2



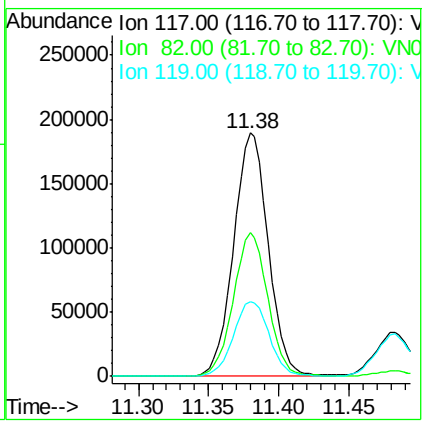


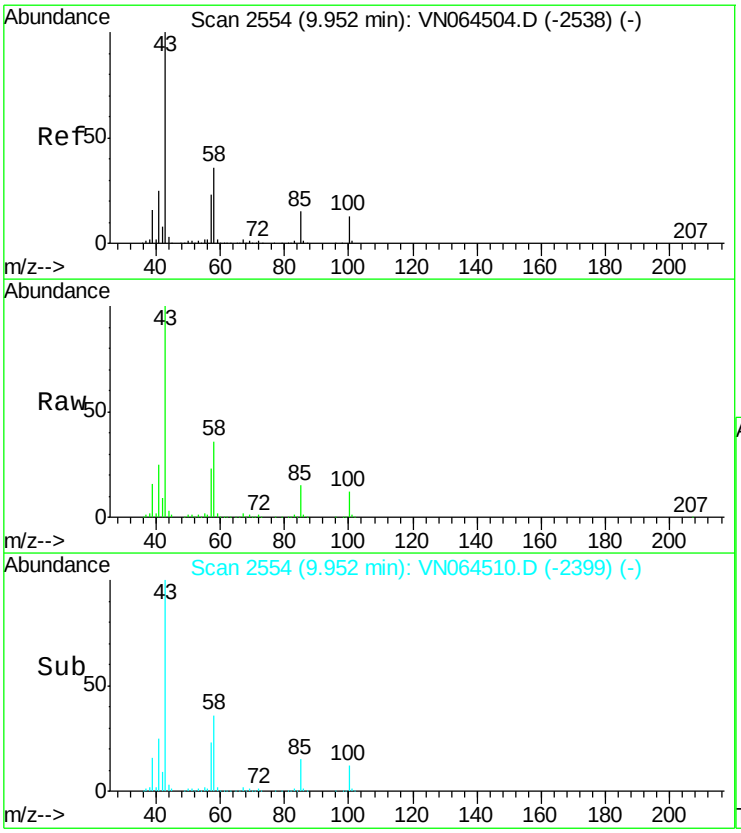
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 326545

Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	31.8	25.7	38.5

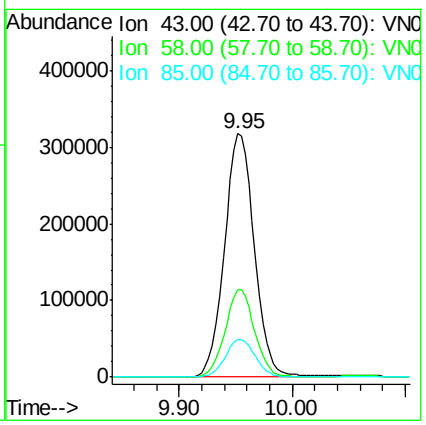


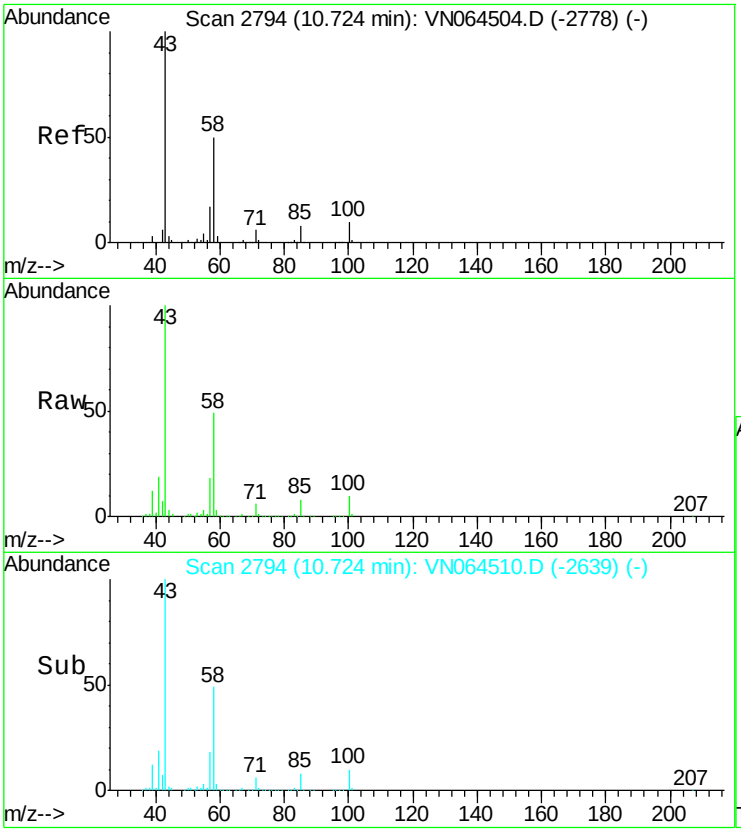


#58
4-Methyl-2-Pentanone
Concen: 97.019 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 581789

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.8	43.2
85	15.7	12.3	18.5



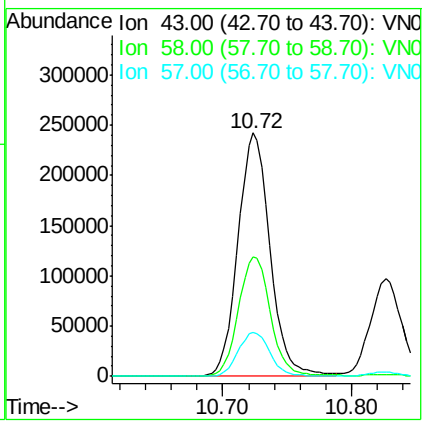


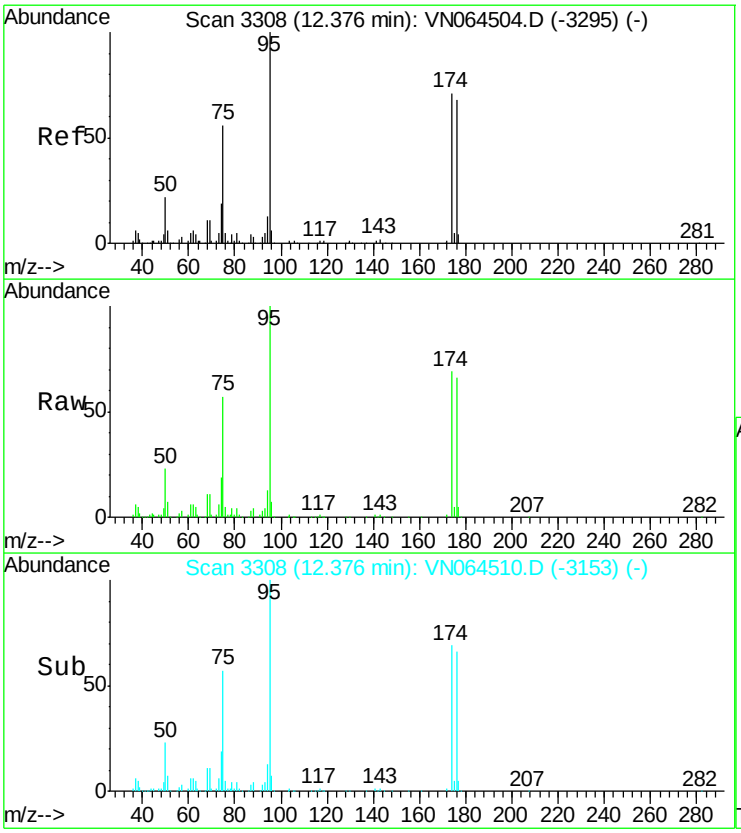
#59
2-Hexanone
Concen: 92.393 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 417303

Ion	Ratio	Lower	Upper
43	100		
58	49.7	38.2	57.4
57	18.3	13.8	20.8

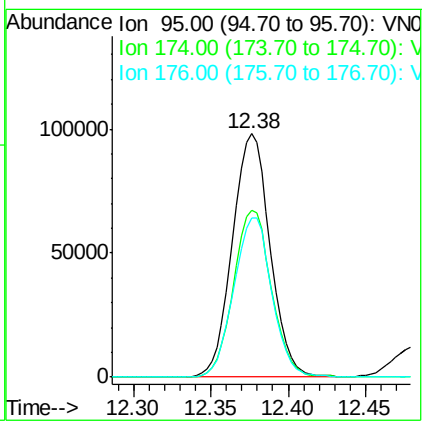


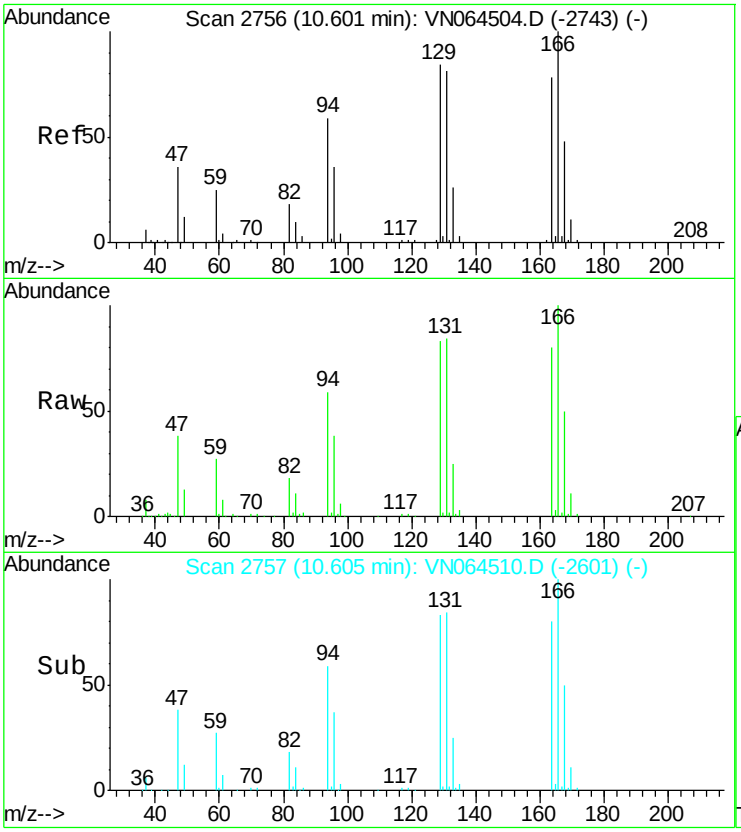


#60
4-Bromofluorobenzene
Concen: 29.717 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 95 Resp: 166229

Ion	Ratio	Lower	Upper
95	100		
174	69.0	56.4	84.6
176	66.3	53.3	79.9



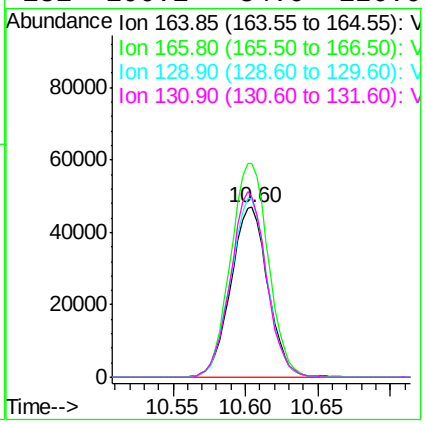


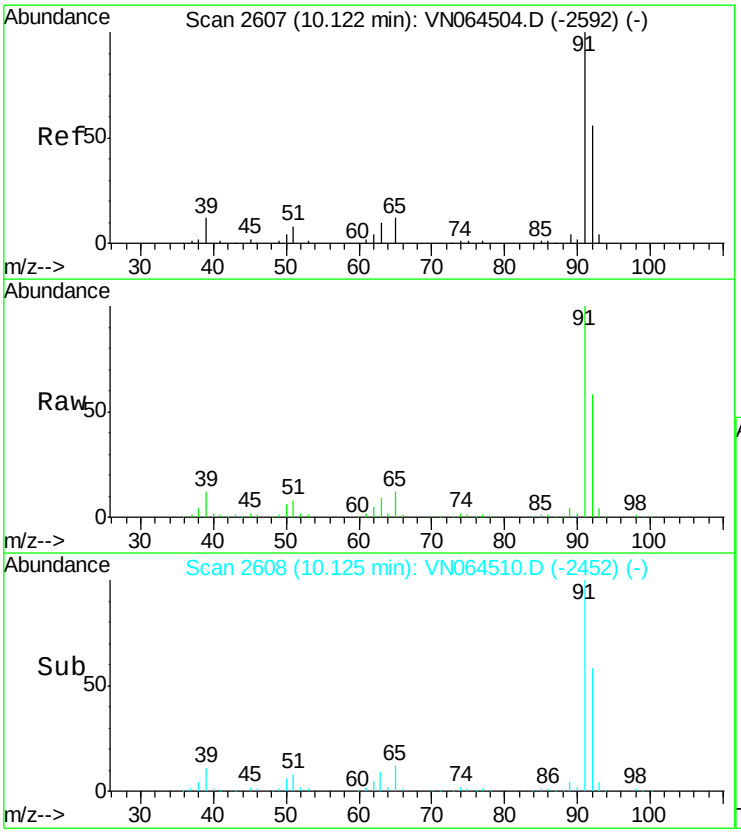
#61
Tetrachloroethene
Concen: 20.486 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:164 Resp: 83618

Ion	Ratio	Lower	Upper
164	100		
166	125.7	103.2	154.8
129	104.6	86.4	129.6
131	106.1	84.0	126.0

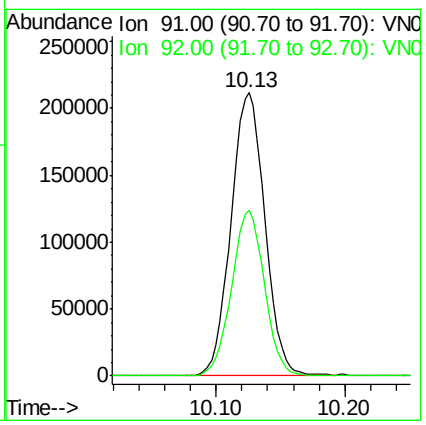


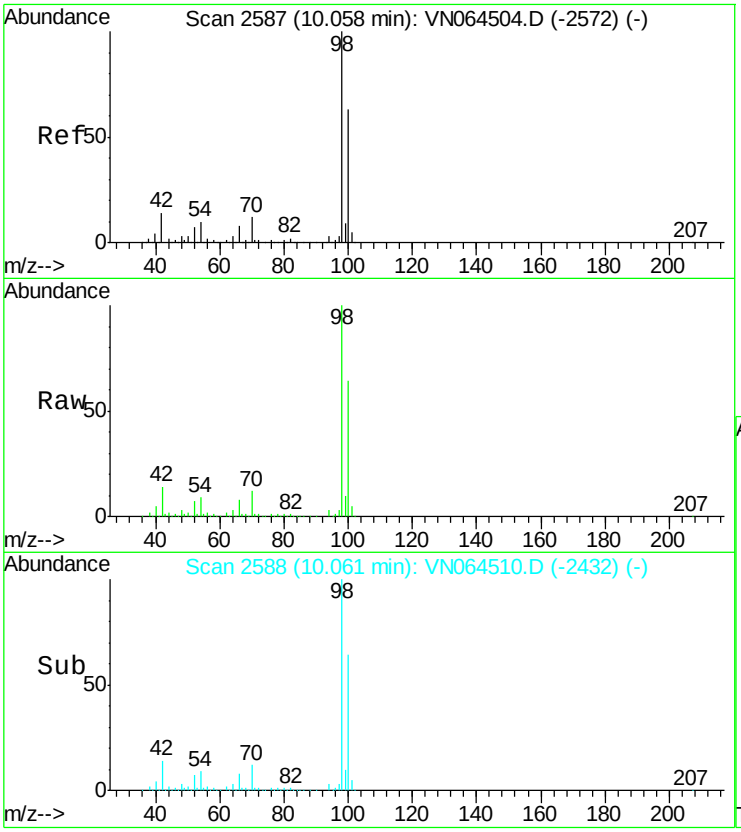


#62
Toluene
Concen: 20.165 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 386707

Ion	Ratio	Lower	Upper
91	100		
92	56.5	45.4	68.2



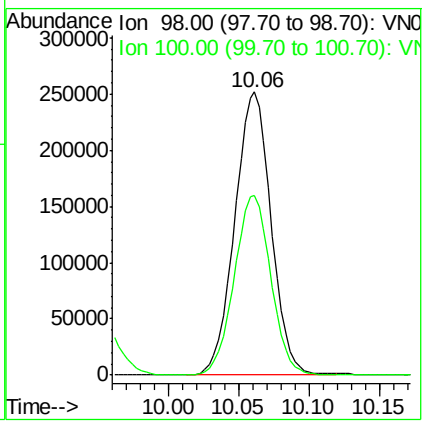


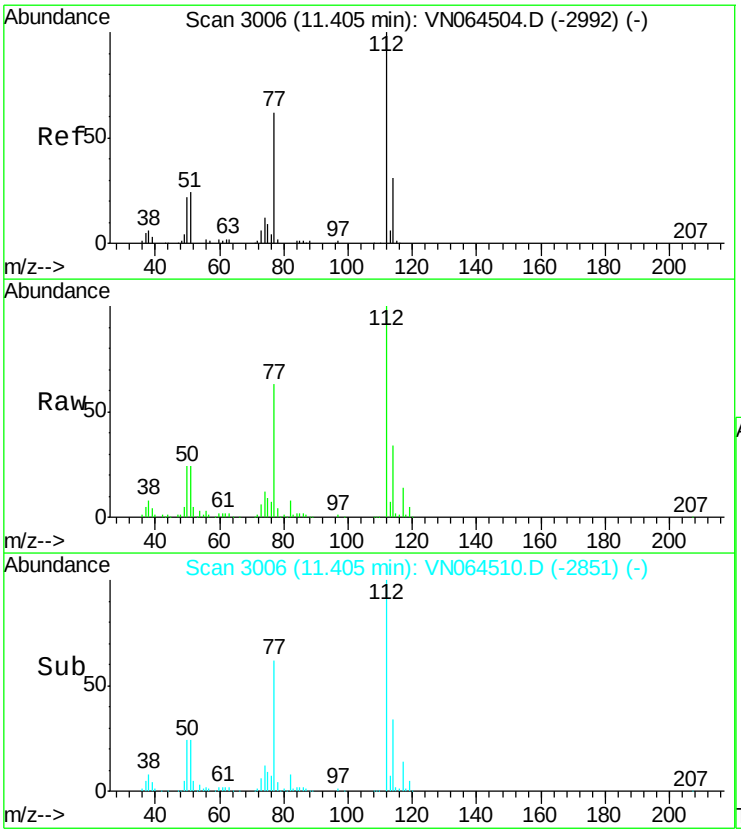
#63
Toluene-d8
Concen: 29.887 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 455154

Ion	Ratio	Lower	Upper
98	100		
100	63.9	49.4	74.2

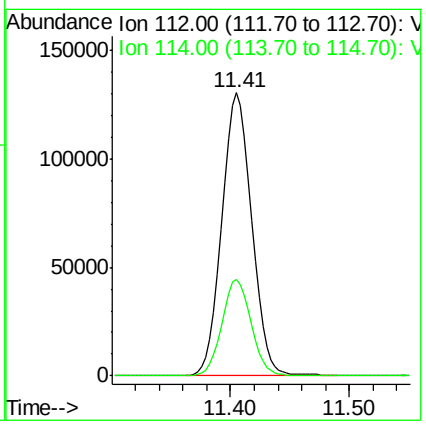


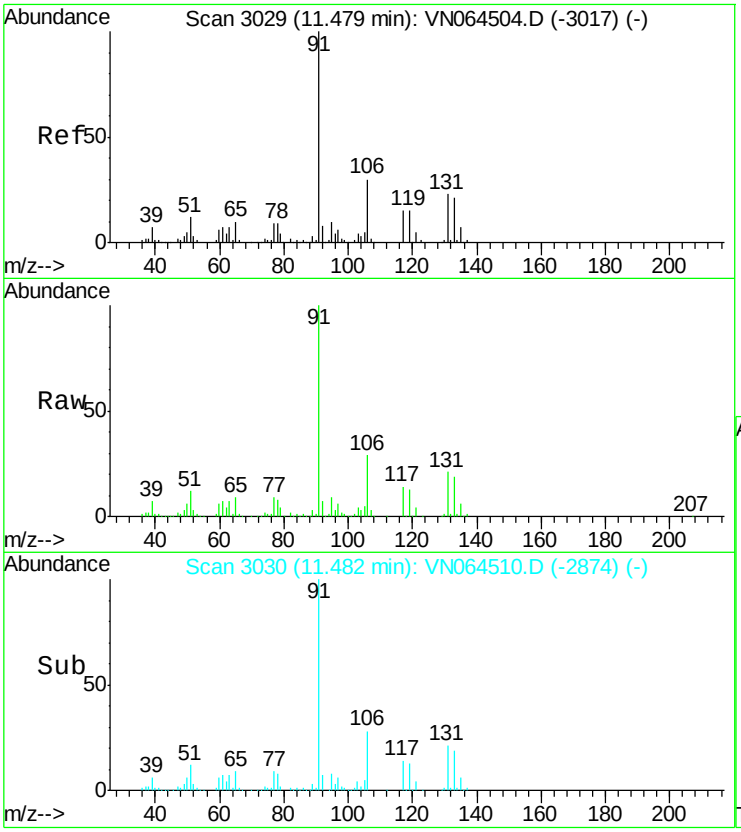


#64
Chlorobenzene
Concen: 19.961 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:112 Resp: 227539

Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.0	37.6



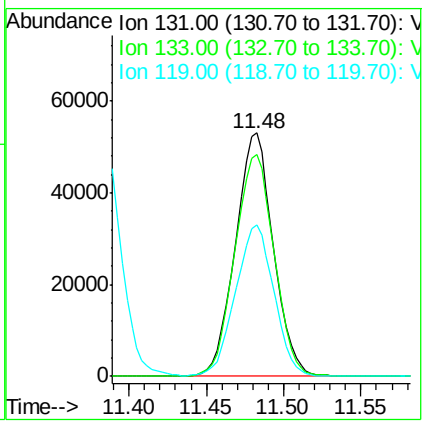


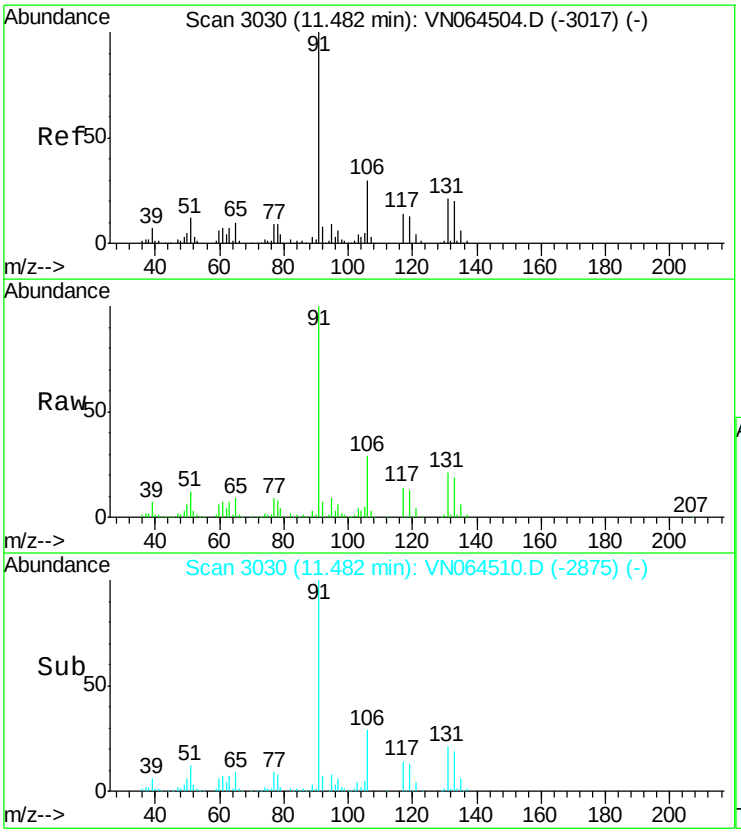
#65
1,1,1,2-Tetrachloroethane
Concen: 20.306 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:131 Resp: 90486

Ion	Ratio	Lower	Upper
131	100		
133	94.2	0.0	191.2
119	63.1	0.0	131.6

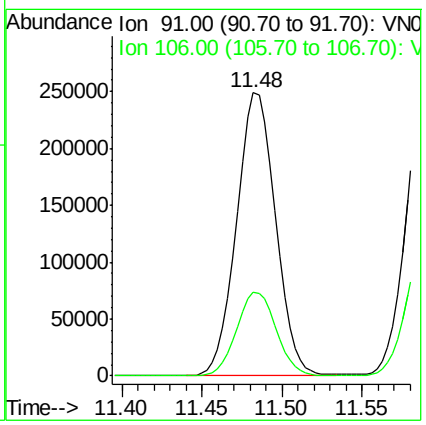


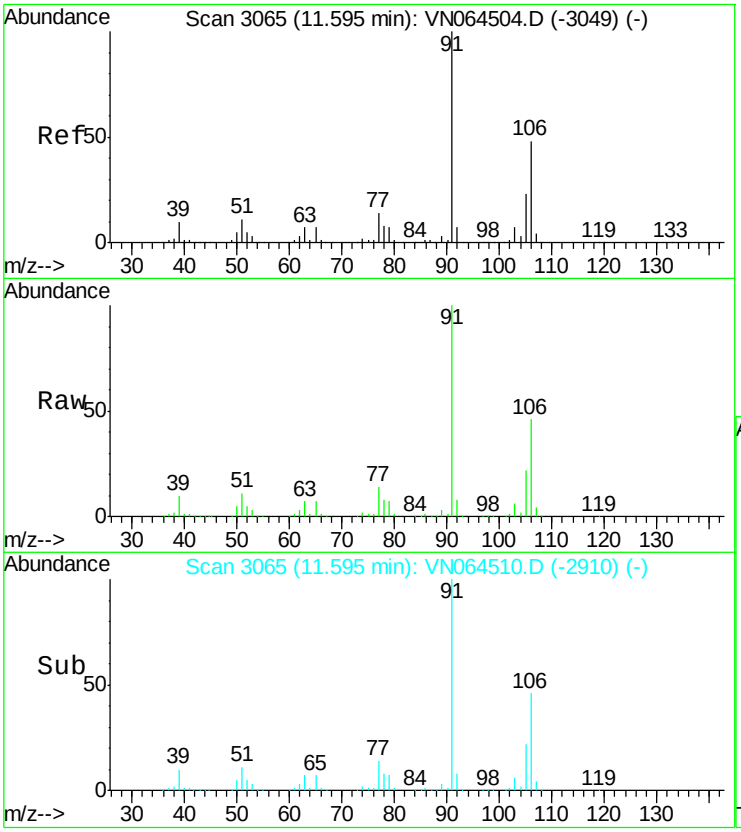


#66
Ethyl Benzene
Concen: 19.993 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 413781

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.9	35.9



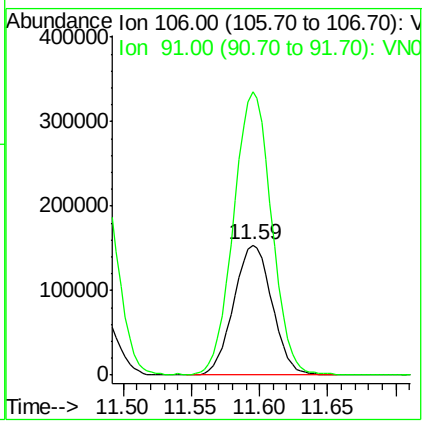


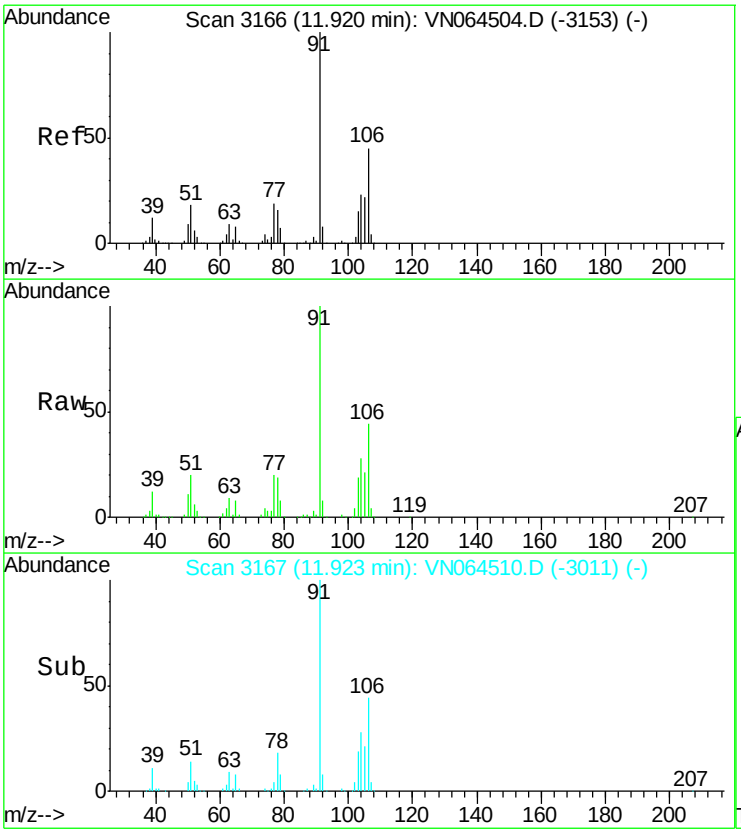
#67
m/p-Xylenes
Concen: 39.137 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 298965

Ion	Ratio	Lower	Upper
106	100		
91	216.5	168.8	253.2

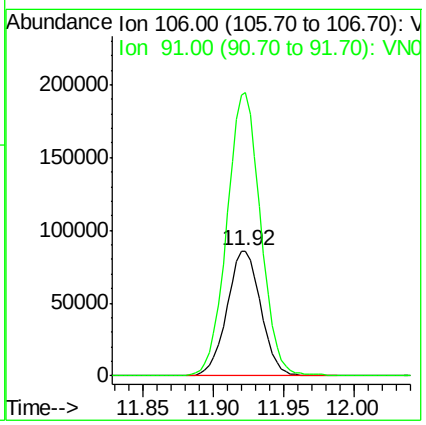


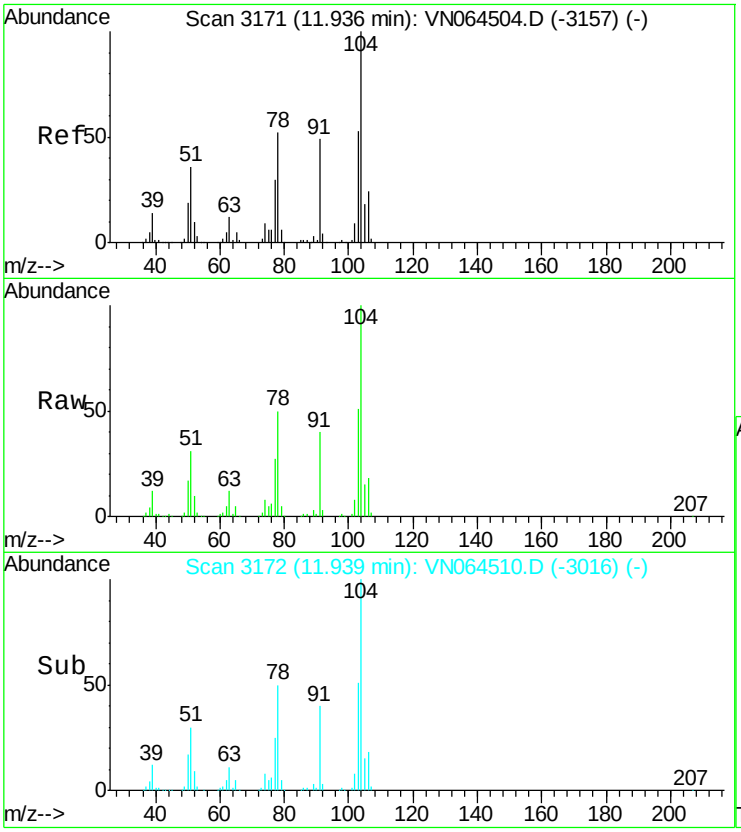


#68
o-Xylene
Concen: 19.904 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:106 Resp: 143886

Ion	Ratio	Lower	Upper
106	100		
91	224.6	109.7	329.2



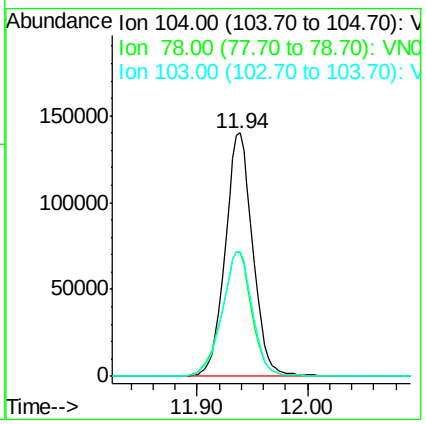


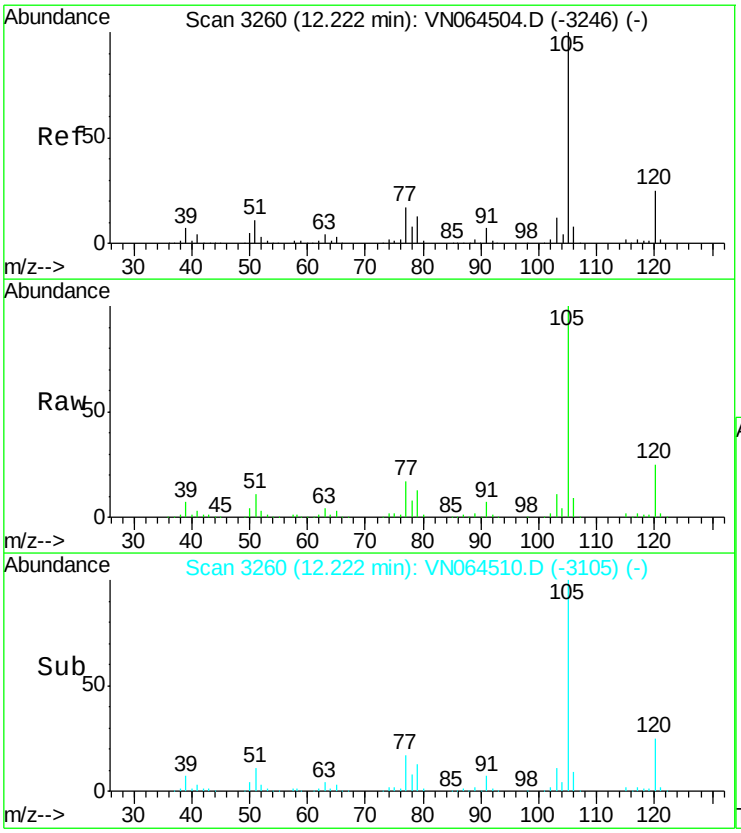
#69
Stvrene
Concen: 19.567 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 242242

Ion	Ratio	Lower	Upper
104	100		
78	55.4	44.4	66.6
103	56.2	44.6	67.0

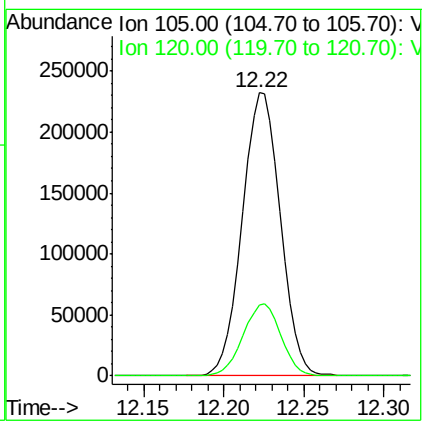


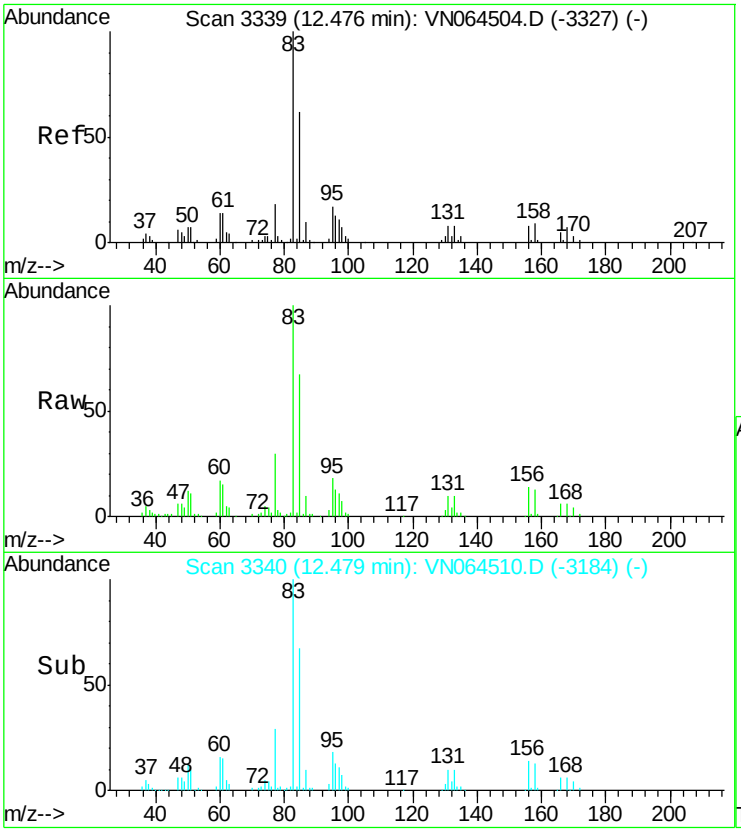


#70
Isopropylbenzene
Concen: 19.945 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:105 Resp: 377396

Ion	Ratio	Lower	Upper
105	100		
120	25.5	17.9	33.3



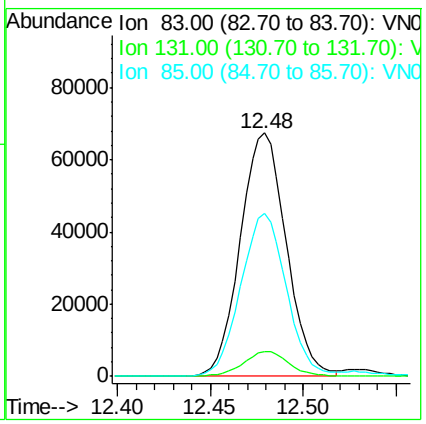


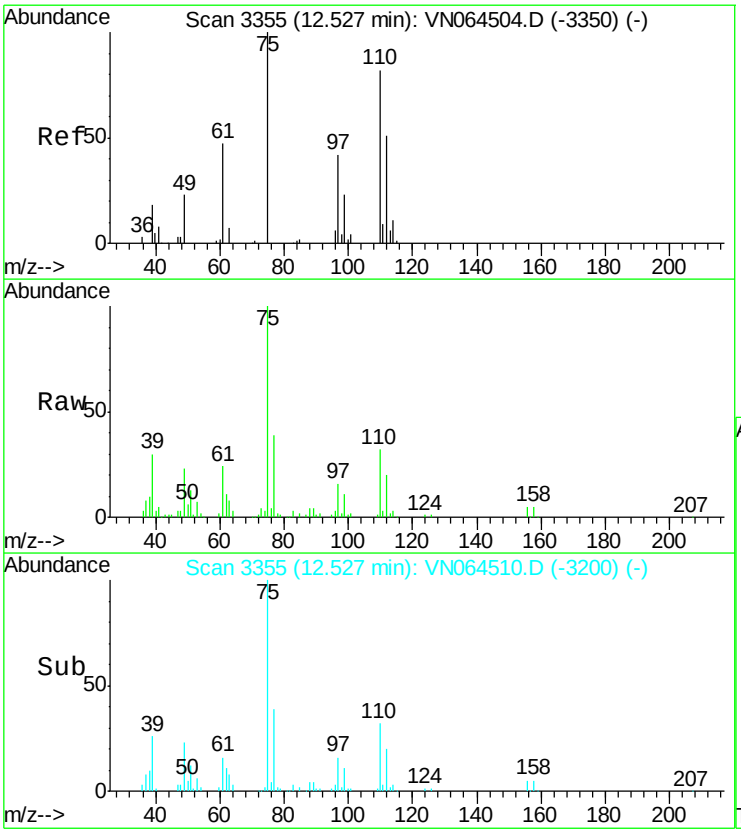
#71
1,1,2,2-Tetrachloroethane
Concen: 19.133 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 115939

Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.6	13.8
85	66.3	31.4	94.0

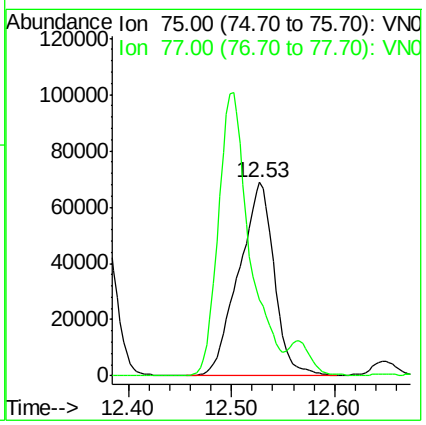


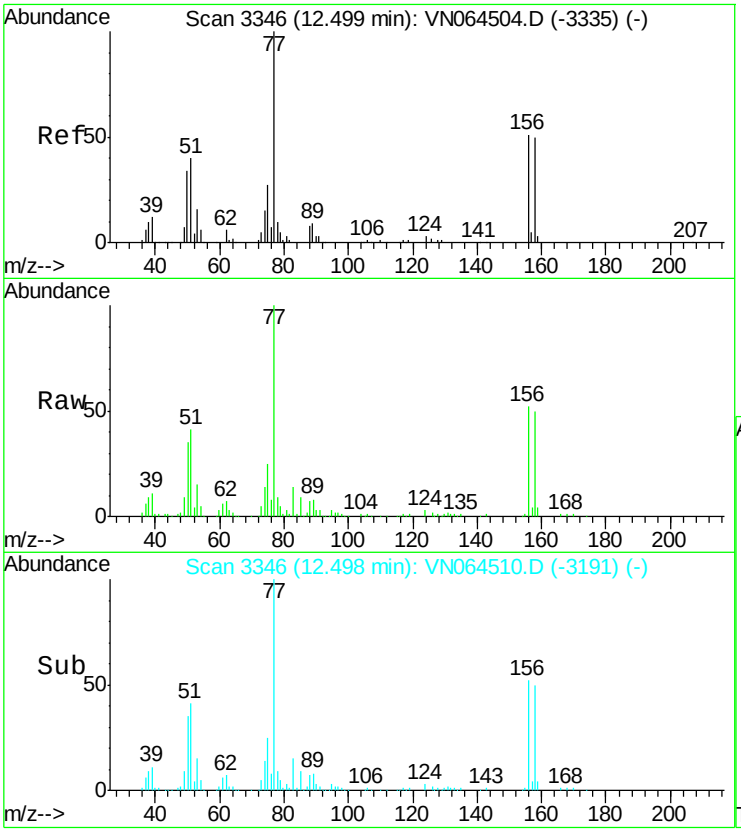


#72
1,2,3-Trichloropropane
Concen: 27.134 ug/l
RT: 12.53 min Scan# 3355
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 75 Resp: 163976

Ion	Ratio	Lower	Upper
75	100		
77	129.6	0.0	379.4



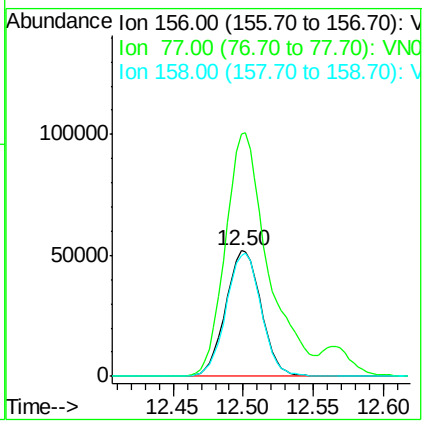


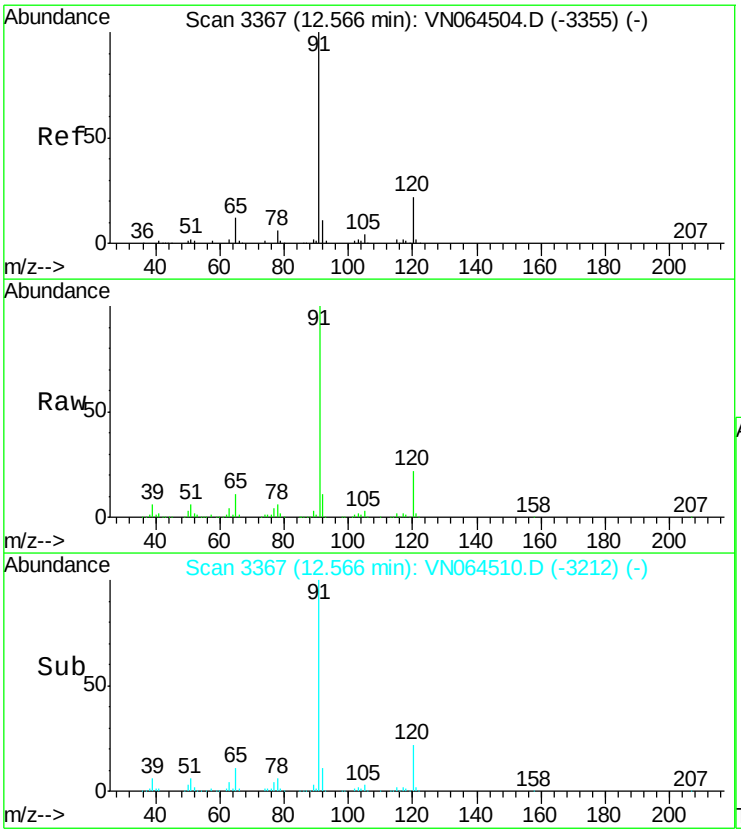
#73
Bromobenzene
Concen: 19.569 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 91598

Ion	Ratio	Lower	Upper
156	100		
77	232.0	0.0	480.2
158	96.5	0.0	194.0

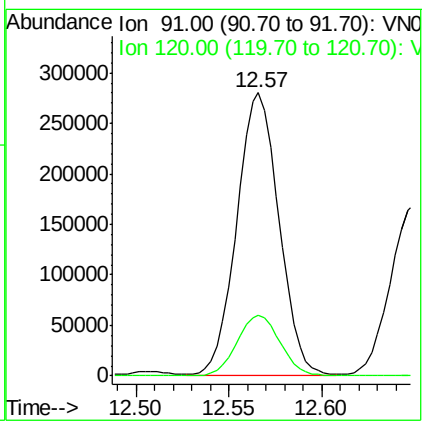


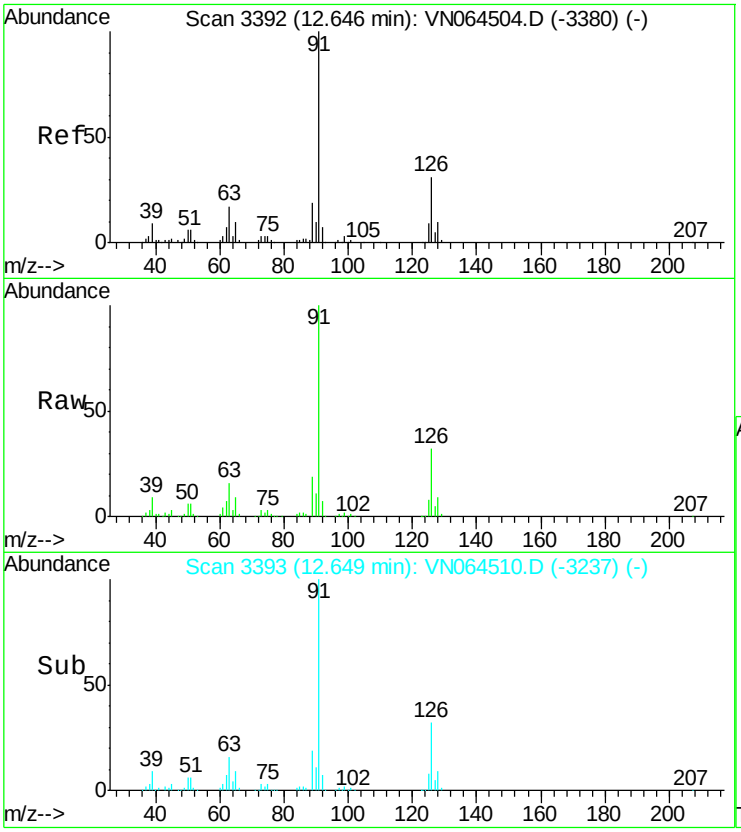


#74
n-propylbenzene
Concen: 19.949 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 443992

Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	42.8



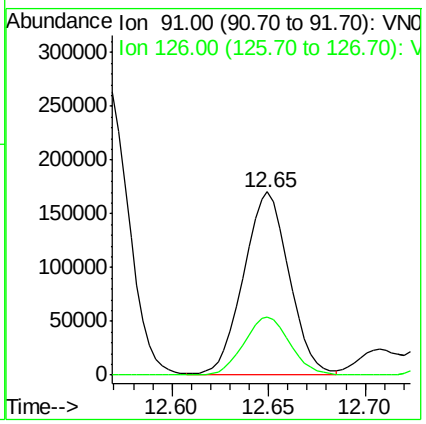


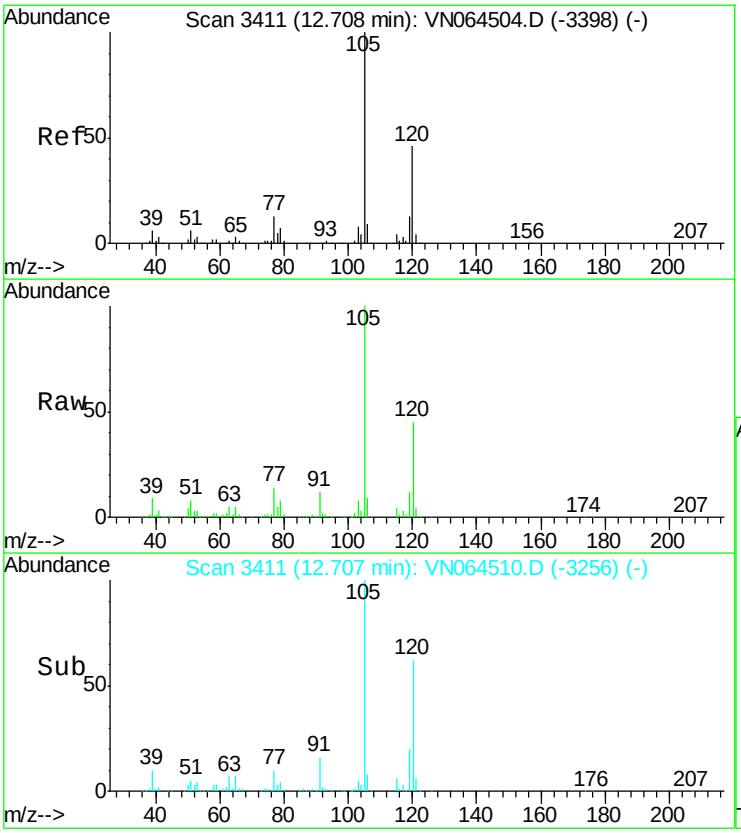
#75
2-Chlorotoluene
Concen: 20.039 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 280412

Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	61.8

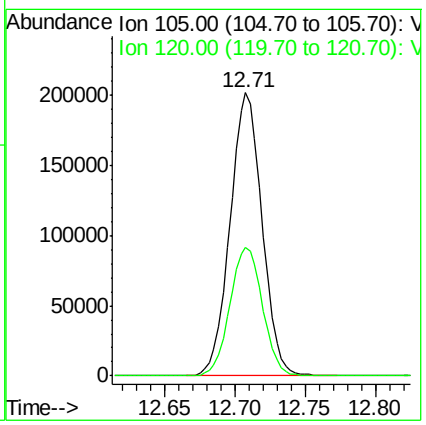


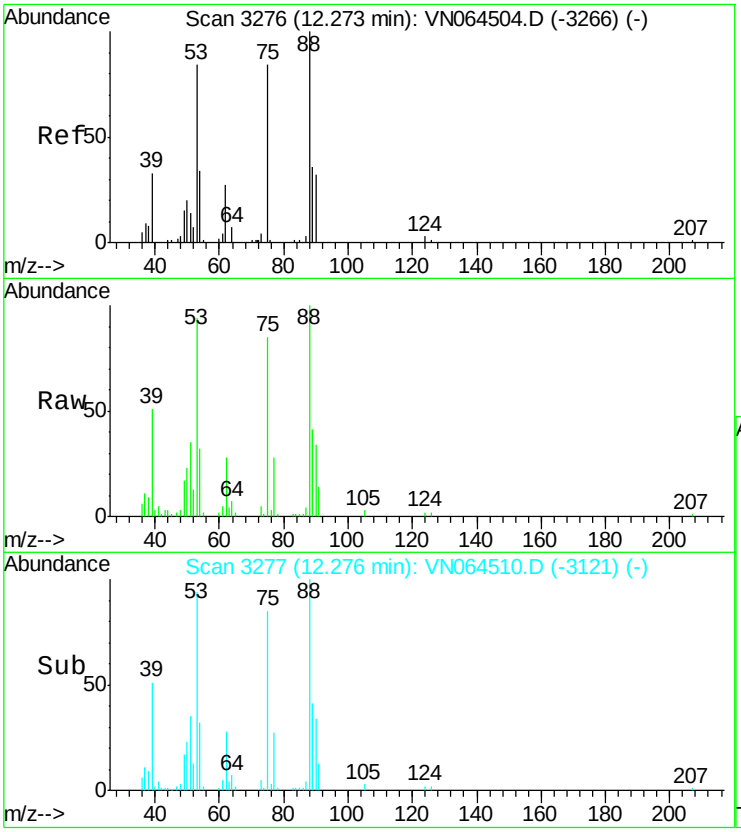


#76
1,3,5-Trimethylbenzene
Concen: 19.996 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:105 Resp: 319398

Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	90.4



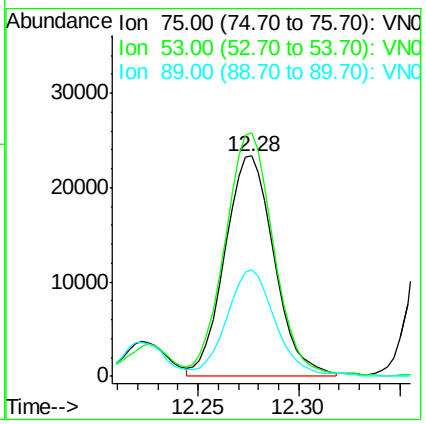


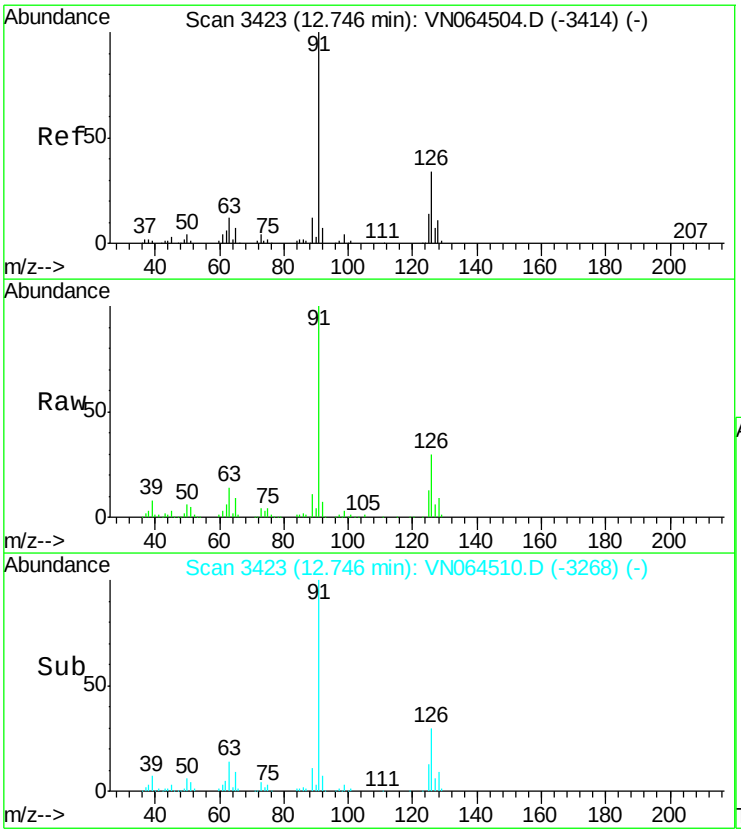
#77
t-1,4-Dichloro-2-butene
Concen: 18.161 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 40014

Ion	Ratio	Lower	Upper
75	100		
53	110.7	50.3	150.9
89	47.8	23.3	69.8

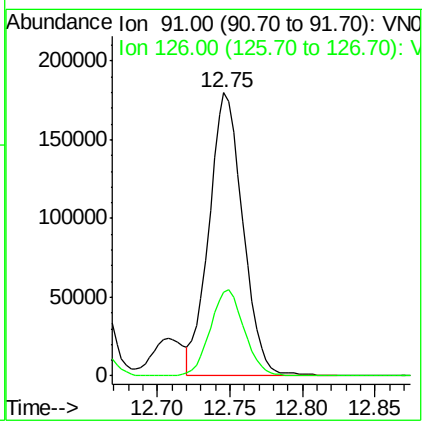


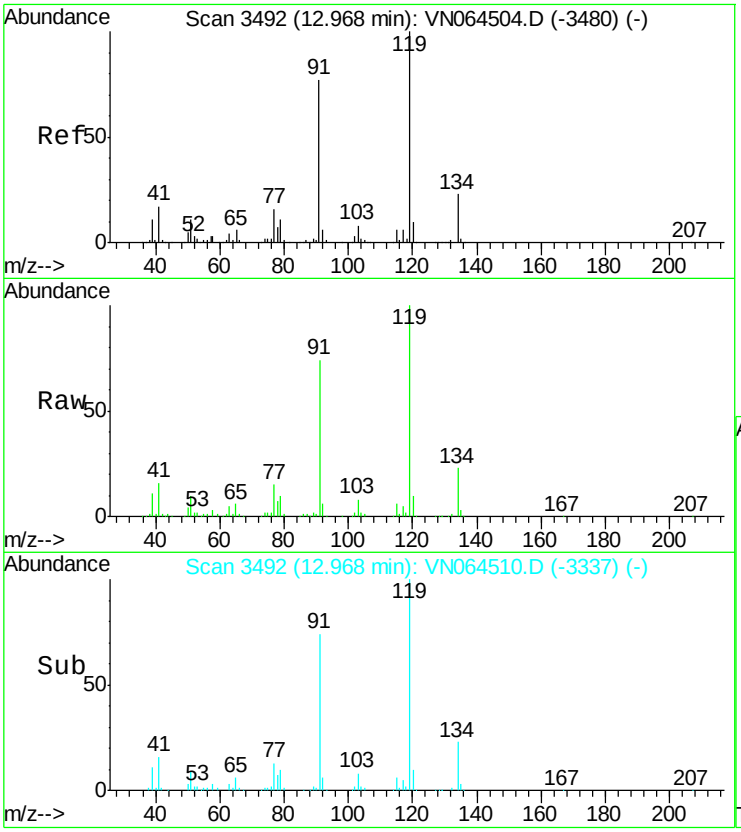


#78
4-Chlorotoluene
Concen: 19.922 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 292933

Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	61.8



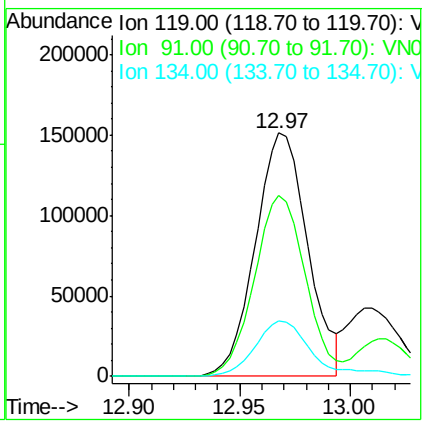


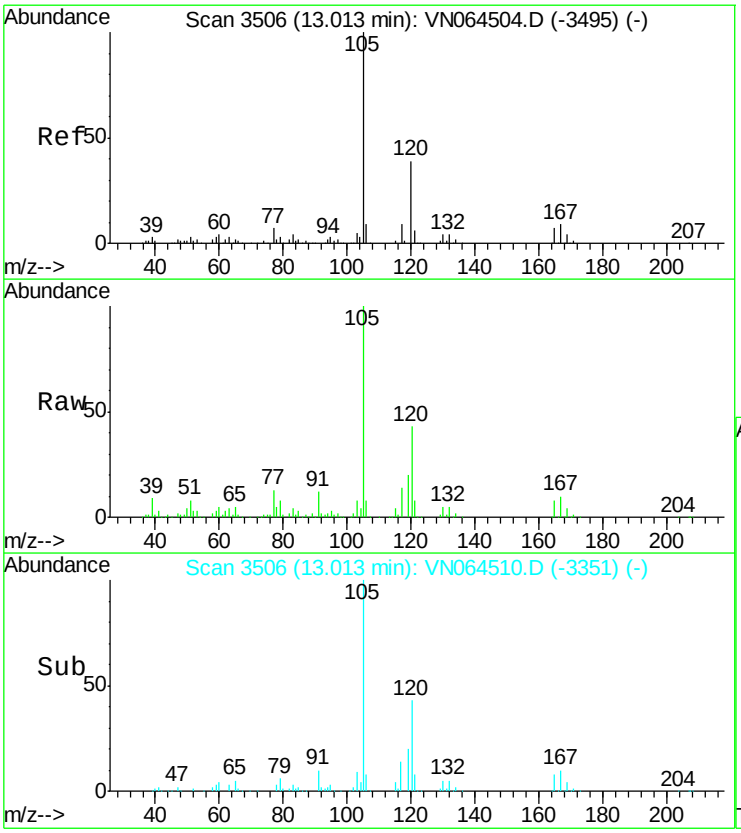
#79
tert-butylbenzene
Concen: 19.842 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 248728

Ion	Ratio	Lower	Upper
119	100		
91	72.9	0.0	147.8
134	24.7	0.0	50.6

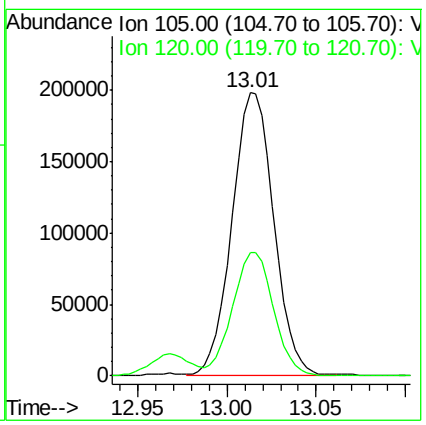


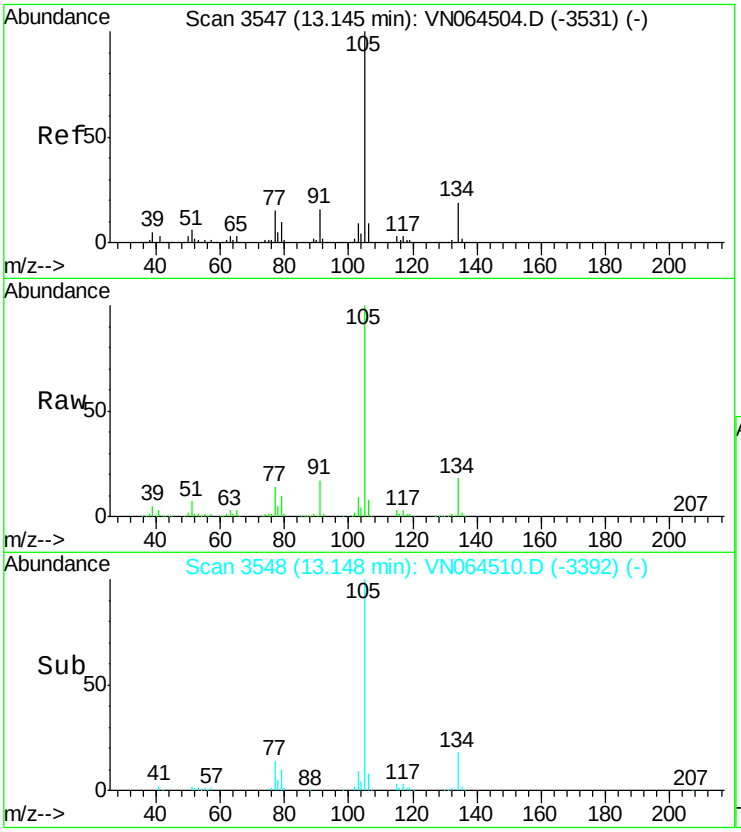


#80
1,2,4-Trimethylbenzene
Concen: 20.187 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:105 Resp: 324929

Ion	Ratio	Lower	Upper
105	100		
120	42.9	0.0	88.6



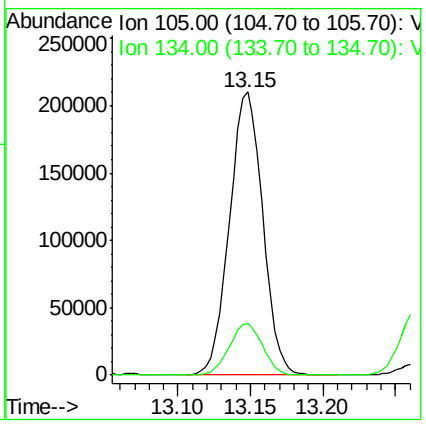


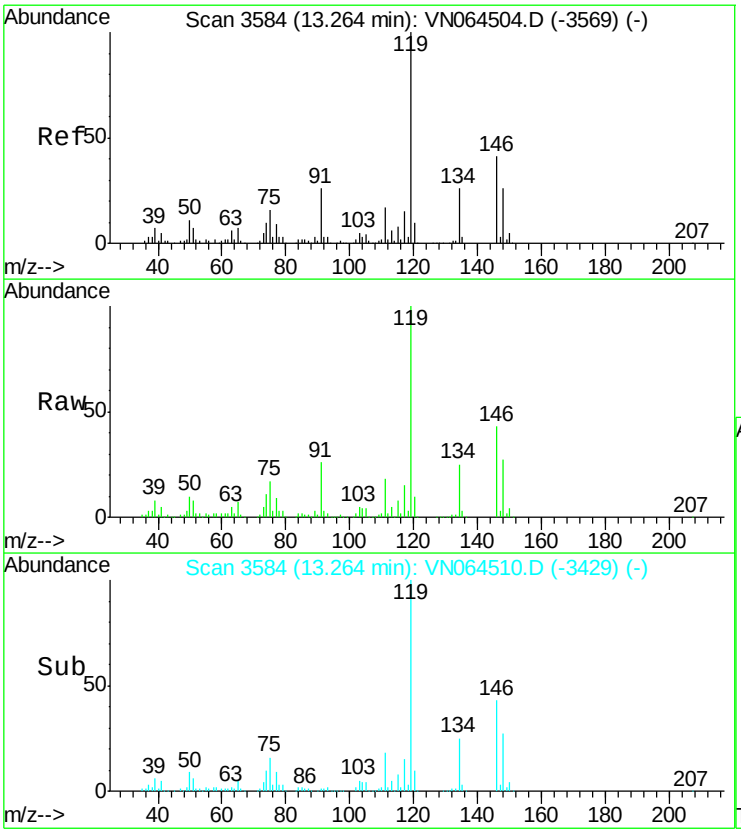
#81
sec-Butylbenzene
Concen: 20.053 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 333206

Ion	Ratio	Lower	Upper
105	100		
134	18.3	0.0	37.8

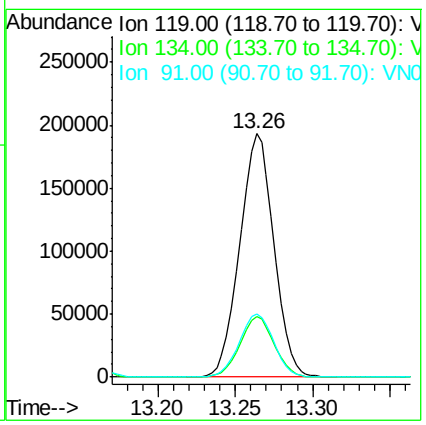


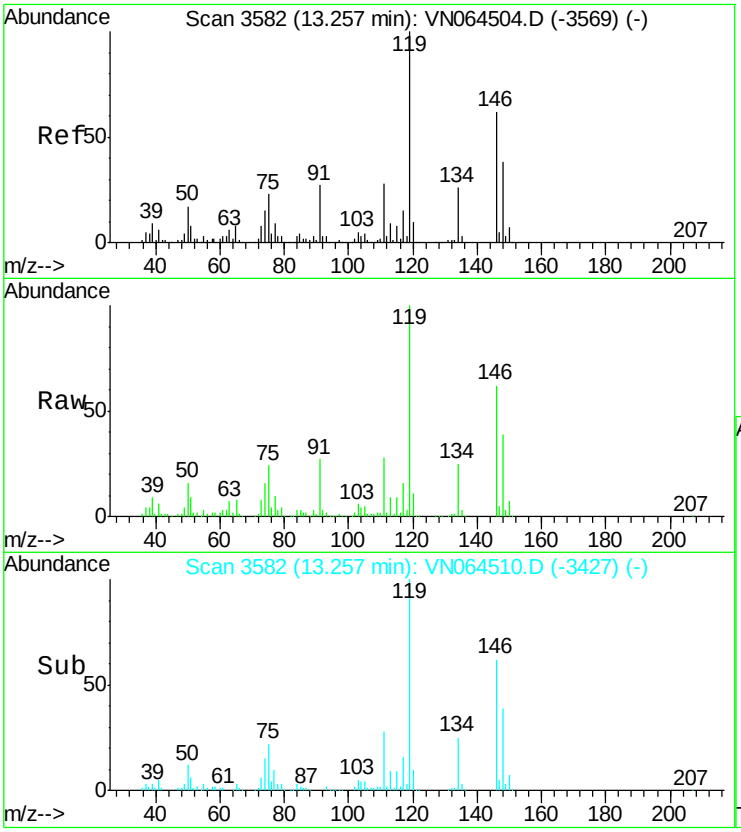


#82
p-Isopropyltoluene
Concen: 20.025 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:119 Resp: 297263

Ion	Ratio	Lower	Upper
119	100		
134	24.7	0.0	53.0
91	26.2	0.0	53.2



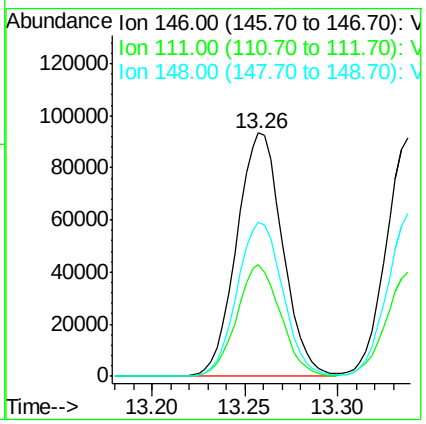


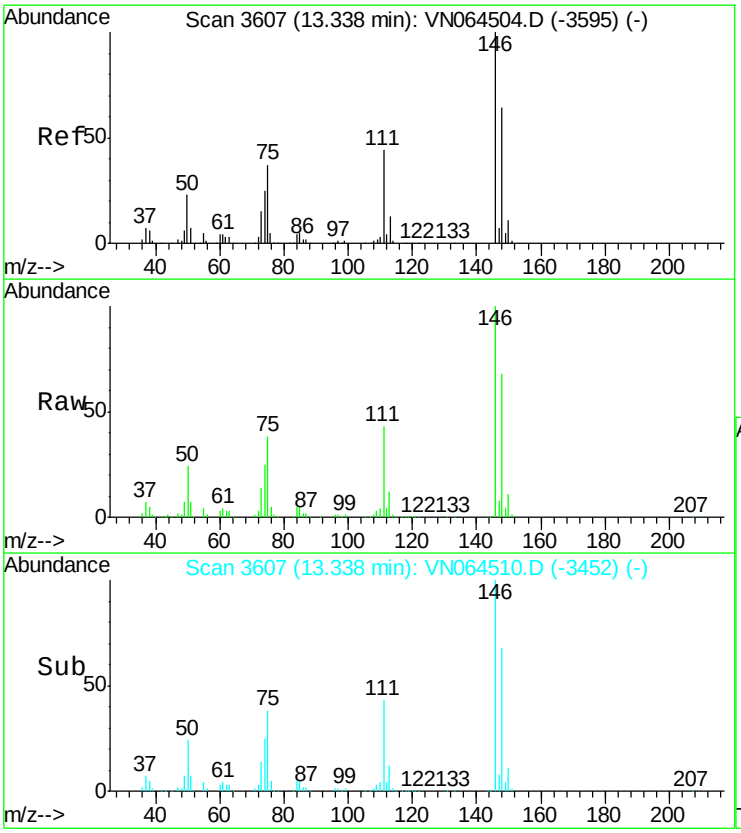
#83
1,3-Dichlorobenzene
Concen: 19.516 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 160700

Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.3	66.9
148	62.9	31.8	95.3

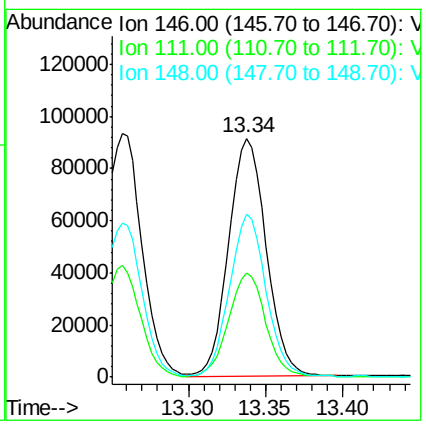


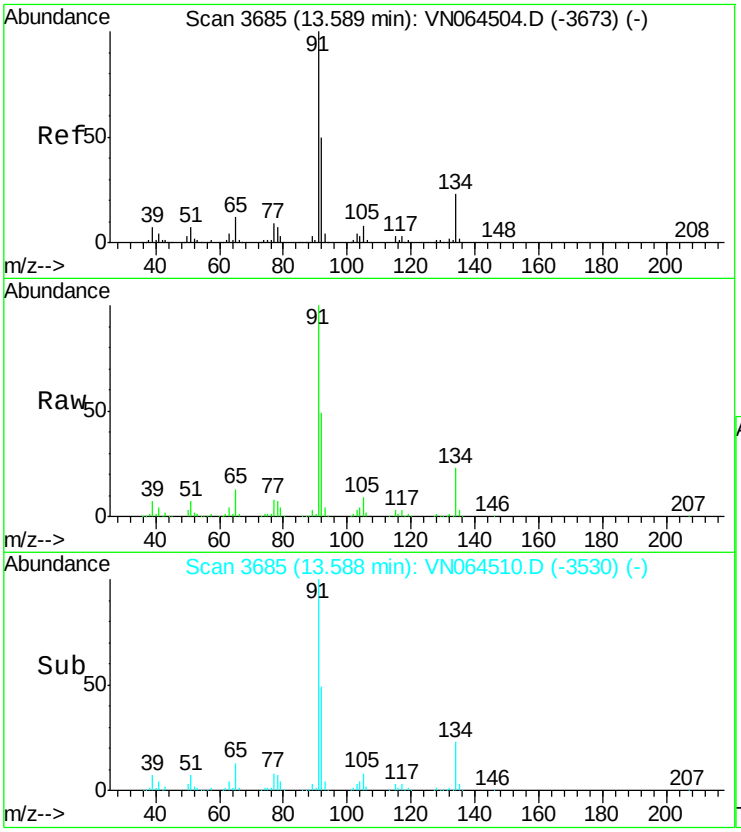


#84
1,4-Dichlorobenzene
Concen: 18.826 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:146 Resp: 154184

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.4
148	66.1	31.5	94.5



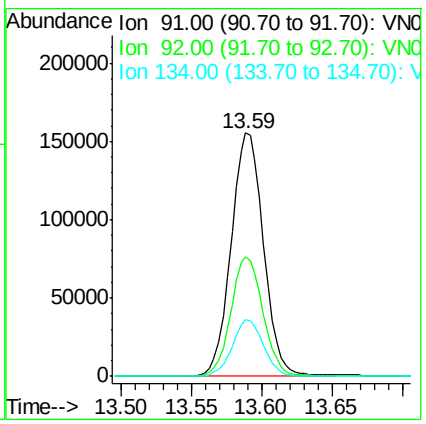


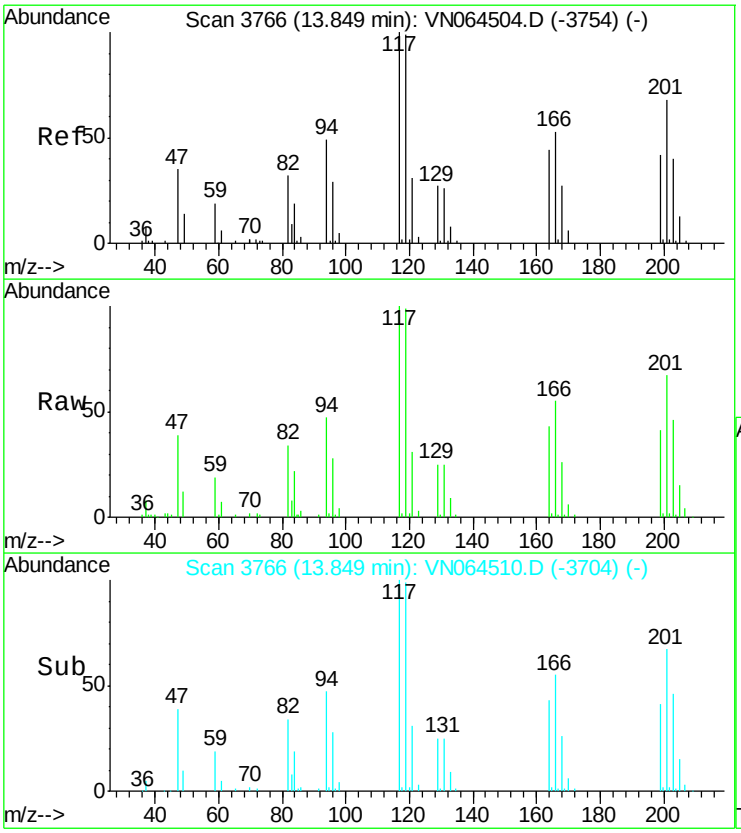
#85
n-Butylbenzene
Concen: 19.463 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 250484

Ion	Ratio	Lower	Upper
91	100		
92	48.7	0.0	101.4
134	22.5	0.0	45.2

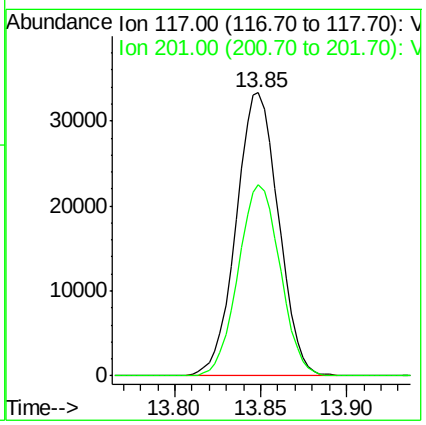


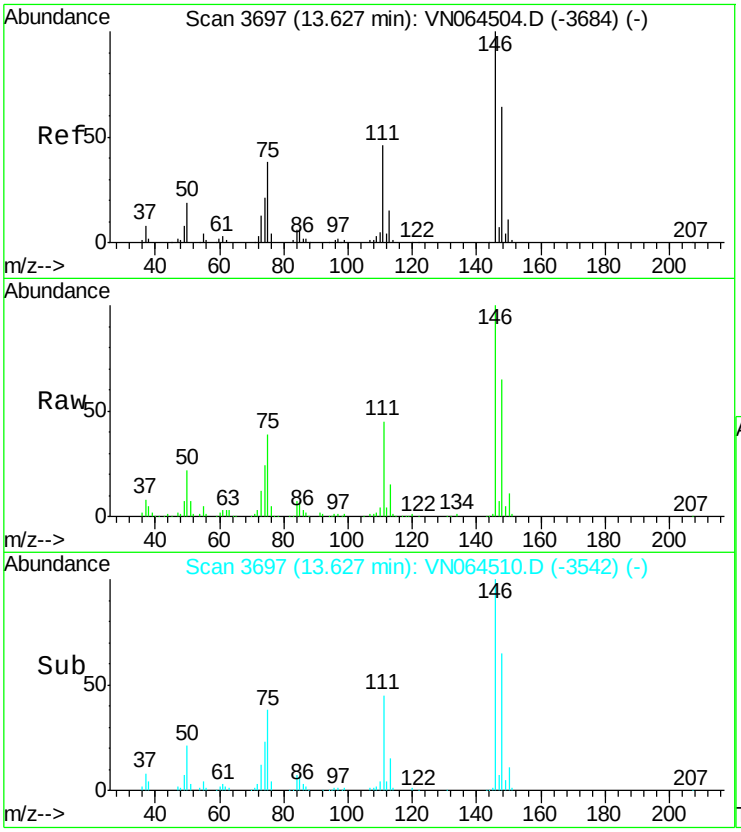


#86
Hexachloroethane
Concen: 19.325 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:117 Resp: 57165

Ion	Ratio	Lower	Upper
117	100		
201	66.7	33.1	99.3



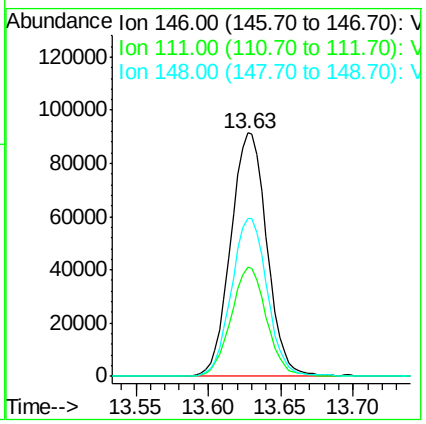


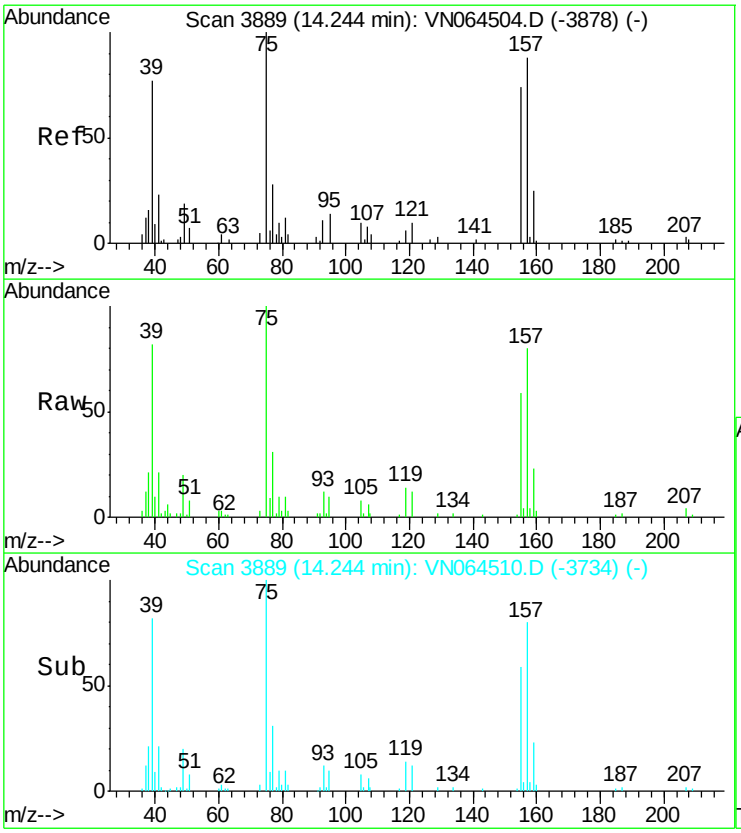
#87
1,2-Dichlorobenzene
Concen: 19.766 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 158521

Ion	Ratio	Lower	Upper
146	100		
111	44.1	23.1	69.2
148	64.2	32.6	97.8

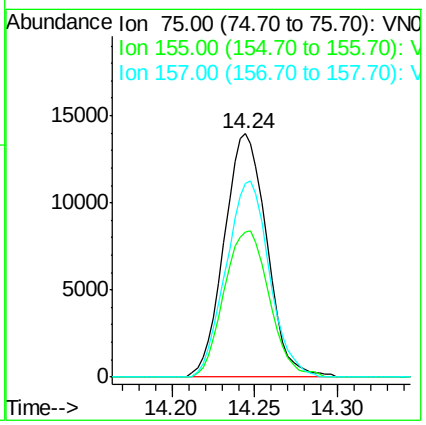


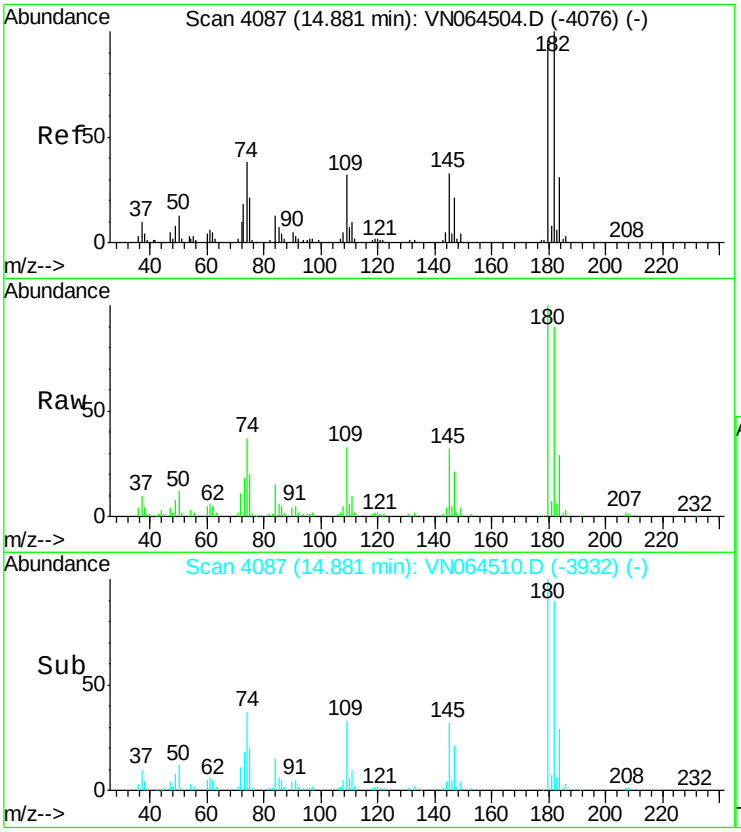


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.087 ug/l
RT: 14.24 min Scan# 3889
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 75 Resp: 24987

Ion	Ratio	Lower	Upper
75	100		
155	63.1	56.5	84.7
157	81.6	69.7	104.5



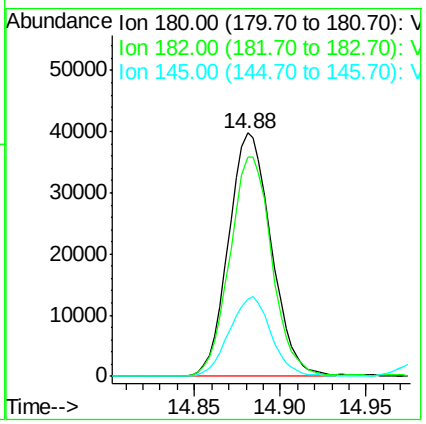


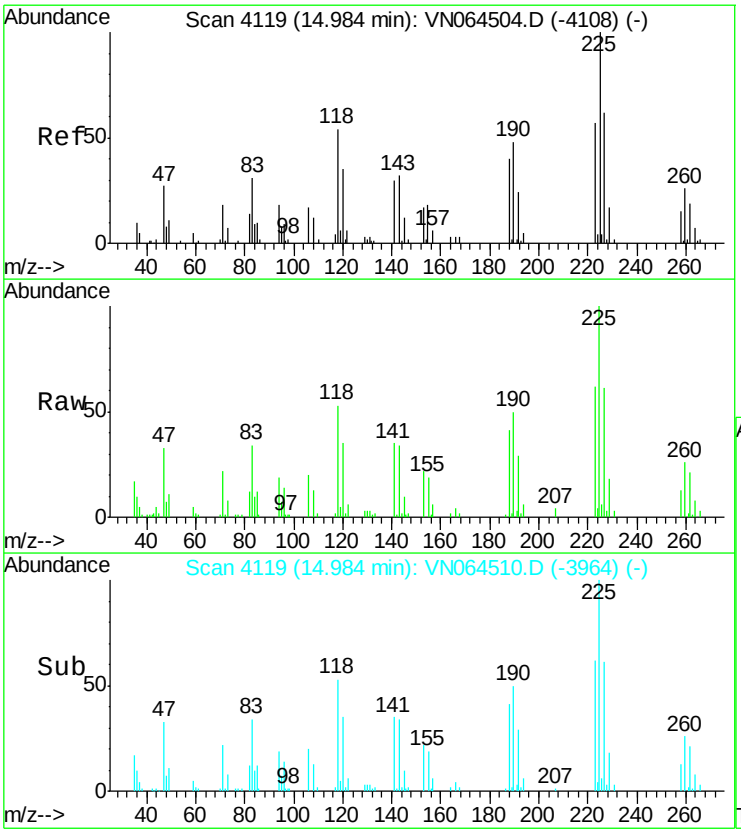
#89
1,2,4-Trichlorobenzene
Concen: 18.862 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 68683

Ion	Ratio	Lower	Upper
180	100		
182	88.8	79.4	119.0
145	31.9	27.6	41.4

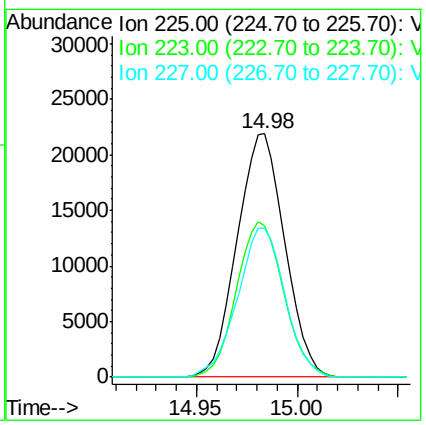


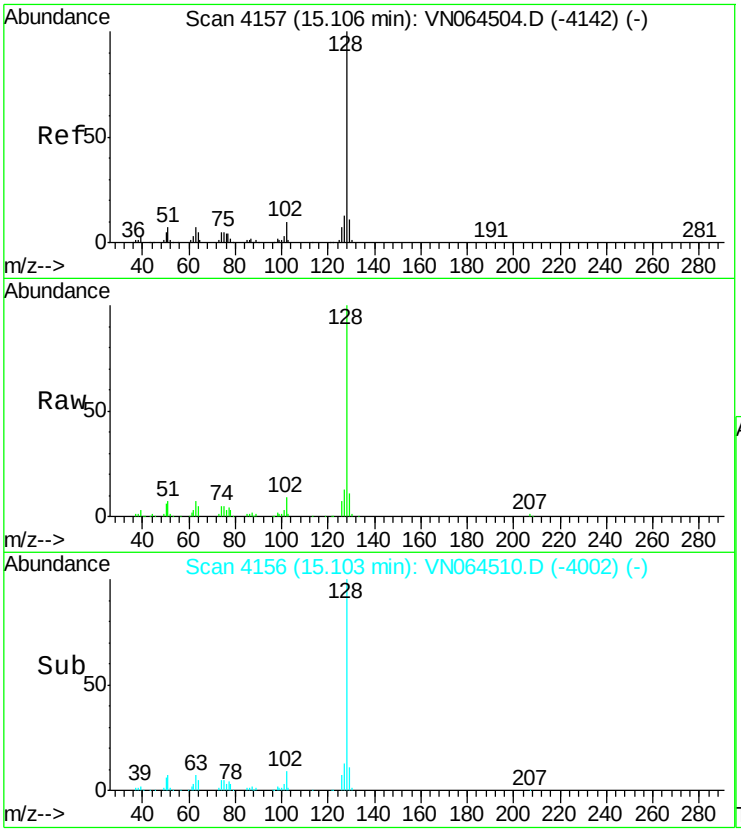


#90
Hexachlorobutadiene
Concen: 19.989 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:225 Resp: 36253

Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	125.4
227	61.1	0.0	122.0



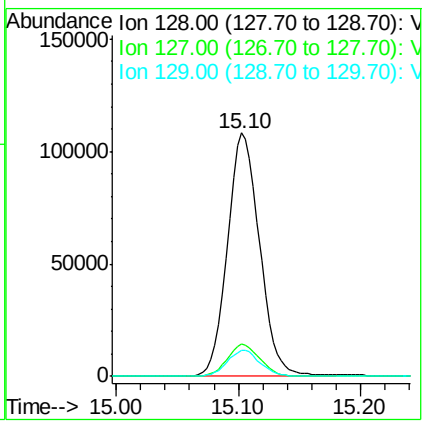


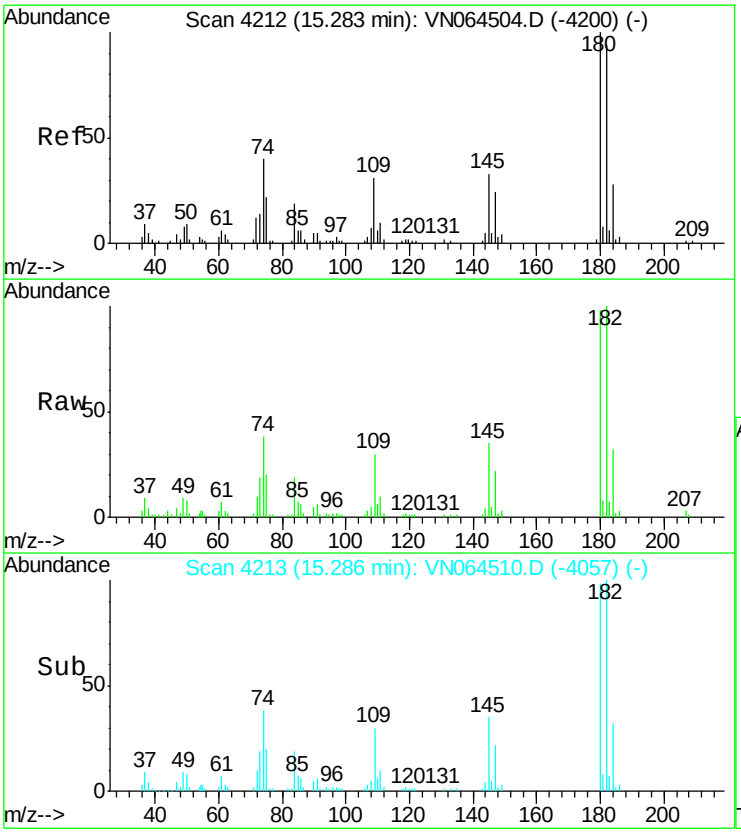
#91
Naphthalene
Concen: 16.477 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument : MSVOA_N
ClientSampleId :

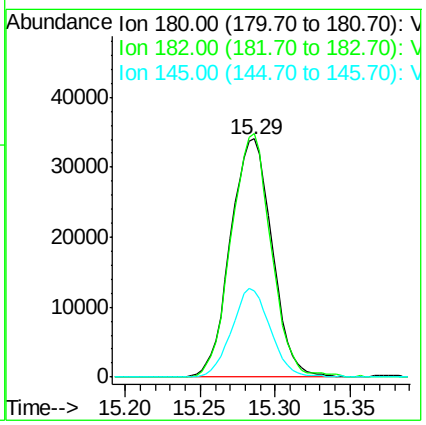
Tgt Ion:128 Resp: 198486

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.5	12.7





#92
1,2,3-Trichlorobenzene
Concen: 17.885 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:180 Resp: 65908

Ion	Ratio	Lower	Upper
180	100		
182	97.4	0.0	186.0
145	34.3	0.0	69.6