Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
Data File : VN064262.D
Acq On : 22 Oct 2020 20:04
Operator : JC/MD
Sample : L4214-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 23 01:59:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205518	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.42%			
35) Dibromofluoromethane	7.55	113	145900	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.28%			
50) Toluene-d8	10.06	98	509237	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.44%			
62) 4-Bromofluorobenzene	12.38	95	196399	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	570	0.957	ug/l #	41
3) Chloromethane	2.04	50	715	0.231	ug/l	90
4) Vinyl Chloride	2.16	62	789	0.257	ug/l #	41
7) Trichlorofluoromethane	2.98	101	1023	0.203	ug/l	100
10) Methyl Iodide	3.92	142	1174	0.317	ug/l #	63
11) Tert butyl alcohol	4.74	59	434	0.816	ug/l #	70
13) Acrolein	3.57	56	230	0.689	ug/l #	15
15) Acrylonitrile	4.94	53	514	0.467	ug/l #	79
16) Acetone	3.78	43	1129	0.993	ug/l	97
17) Carbon Disulfide	4.01	76	2027	0.283	ug/l #	75
18) Methyl Acetate	4.28	43	991	0.342	ug/l #	53
23) Vinyl Acetate	5.85	43	4189	0.503	ug/l #	88
25) 2-Butanone	6.77	43	897	0.497	ug/l #	51
29) Tetrahydrofuran	7.15	42	392	0.363	ug/l #	76
31) Cyclohexane	7.62	56	8051	1.709	ug/l #	58
36) 1,1-Dichloropropene	7.75	75	1155	0.267	ug/l #	52
38) Carbon Tetrachloride	7.73	117	1010	0.205	ug/l #	75
40) Benzene	7.99	78	2677	0.224	ug/l #	80
41) Methacrylonitrile	7.13	41	421	0.205	ug/l #	42
42) 1,2-Dichloroethane	8.08	62	1340	0.262	ug/l	85
47) Bromodichloromethane	9.37	83	949	0.201	ug/l #	66
48) Methyl methacrylate	9.17	41	1075	0.281	ug/l	88
49) 1,4-Dioxane	9.16	88	33	0.739	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	3929	1.006	ug/l	97
53) t-1,3-Dichloropropene	10.36	75	1213	0.231	ug/l #	54
54) cis-1,3-Dichloropropene	9.81	75	1153	0.209	ug/l	93
56) Ethyl methacrylate	10.41	69	904	0.203	ug/l #	81
57) 1,3-Dichloropropane	10.68	76	1039	0.208	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.66	63	4977	2.169	ug/l	99
59) 2-Hexanone	10.73	43	3050	1.069	ug/l	69
60) Dibromochloromethane	10.87	129	789	0.211	ug/l	67
64) Tetrachloroethene	10.60	164	975	0.319	ug/l #	65
65) Chlorobenzene	11.41	112	1892	0.240	ug/l	93
67) Ethyl Benzene	11.48	91	3013	0.208	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
Data File : VN064262.D
Acq On : 22 Oct 2020 20:04
Operator : JC/MD
Sample : L4214-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 23 01:59:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

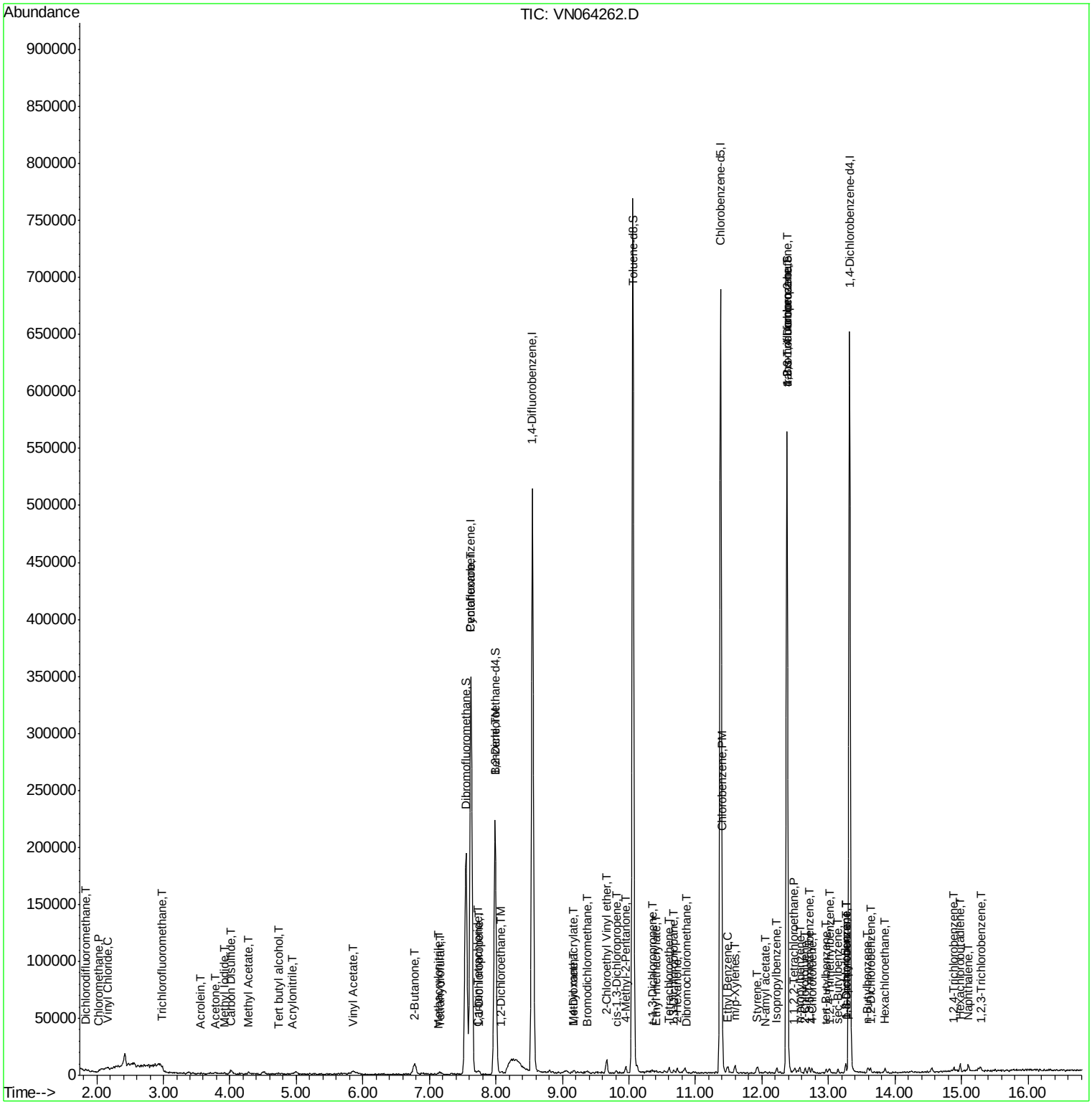
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) m/p-Xylenes	11.60	106	2329	0.435	ug/l		94
70) Styrene	11.93	104	1756	0.202	ug/l	#	79
73) Isopropylbenzene	12.22	105	3050	0.242	ug/l		98
74) N-amyl acetate	12.05	43	1148	0.211	ug/l	#	60
75) 1,1,2,2-Tetrachloroethane	12.48	83	963	0.288	ug/l	#	47
76) 1,2,3-Trichloropropane	12.37	75	103085	29.593	ug/l	#	100
78) n-propylbenzene	12.57	91	3763	0.265	ug/l		89
79) 2-Chlorotoluene	12.65	91	1964	0.225	ug/l		95
80) 1,3,5-Trimethylbenzene	12.70	105	2630	0.247	ug/l		88
81) trans-1,4-Dichloro-2-buten	12.37	75	103085	74.715	ug/l	#	9
82) 4-Chlorotoluene	12.75	91	2598	0.285	ug/l		85
83) tert-Butylbenzene	12.96	119	2075	0.238	ug/l	#	90
84) 1,2,4-Trimethylbenzene	13.01	105	2761	0.260	ug/l		87
85) sec-Butylbenzene	13.14	105	2890	0.262	ug/l		85
86) p-Isopropyltoluene	13.27	119	3057	0.305	ug/l		86
87) 1,3-Dichlorobenzene	13.26	146	1624	0.307	ug/l		84
88) 1,4-Dichlorobenzene	13.26	146	1624	0.300	ug/l		85
89) n-Butylbenzene	13.59	91	3040	0.338	ug/l		99
90) Hexachloroethane	13.84	117	561	0.309	ug/l	#	31
91) 1,2-Dichlorobenzene	13.63	146	1564	0.301	ug/l		85
93) 1,2,4-Trichlorobenzene	14.88	180	1428	0.490	ug/l		69
94) Hexachlorobutadiene	14.98	225	1425	0.907	ug/l		91
95) Naphthalene	15.11	128	5181	0.594	ug/l	#	89
96) 1,2,3-Trichlorobenzene	15.28	180	1634	0.566	ug/l		77

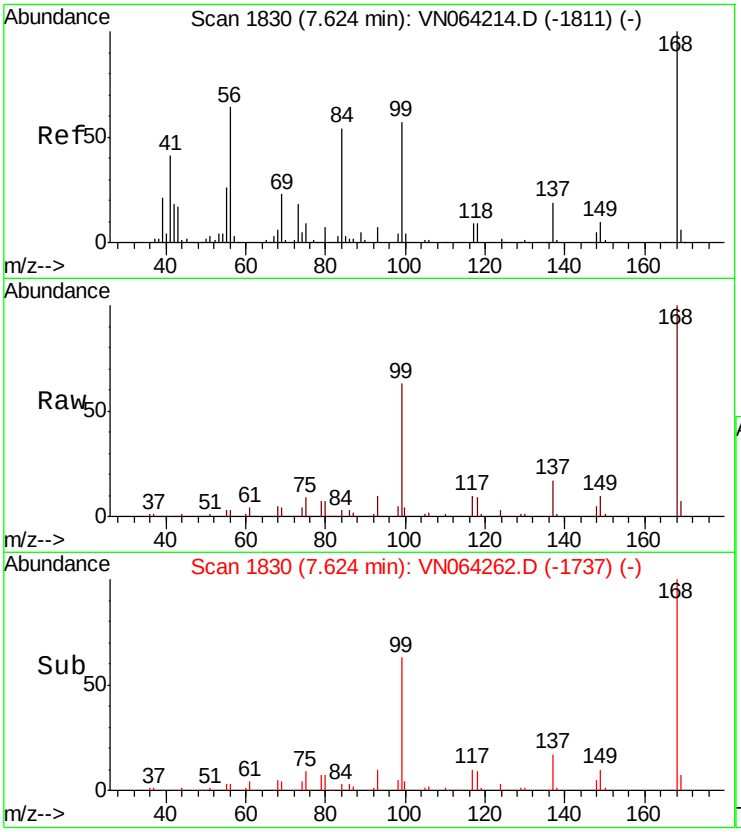
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
Data File : VN064262.D
Acq On : 22 Oct 2020 20:04
Operator : JC/MD
Sample : L4214-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 23 01:59:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration



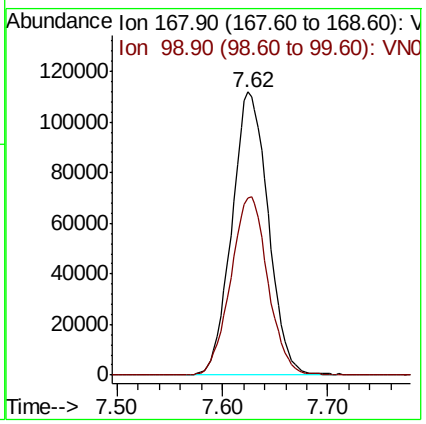


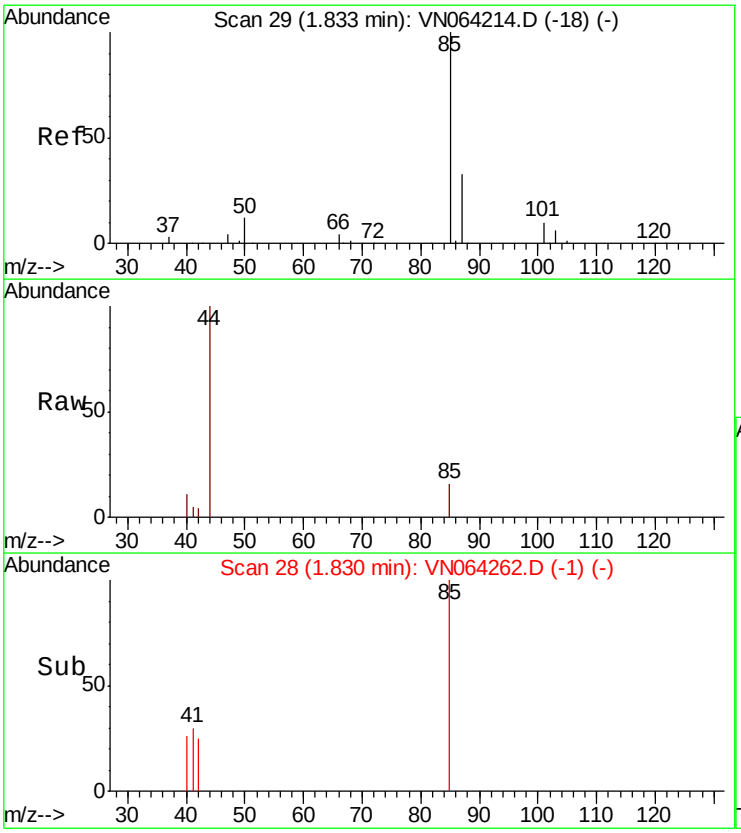
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:168 Resp: 267607

Ion	Ratio	Lower	Upper
168	100		
99	62.5	54.0	81.0

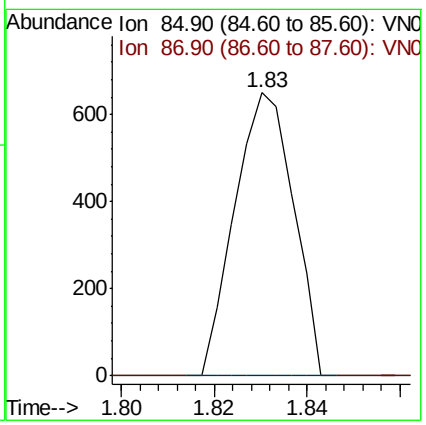


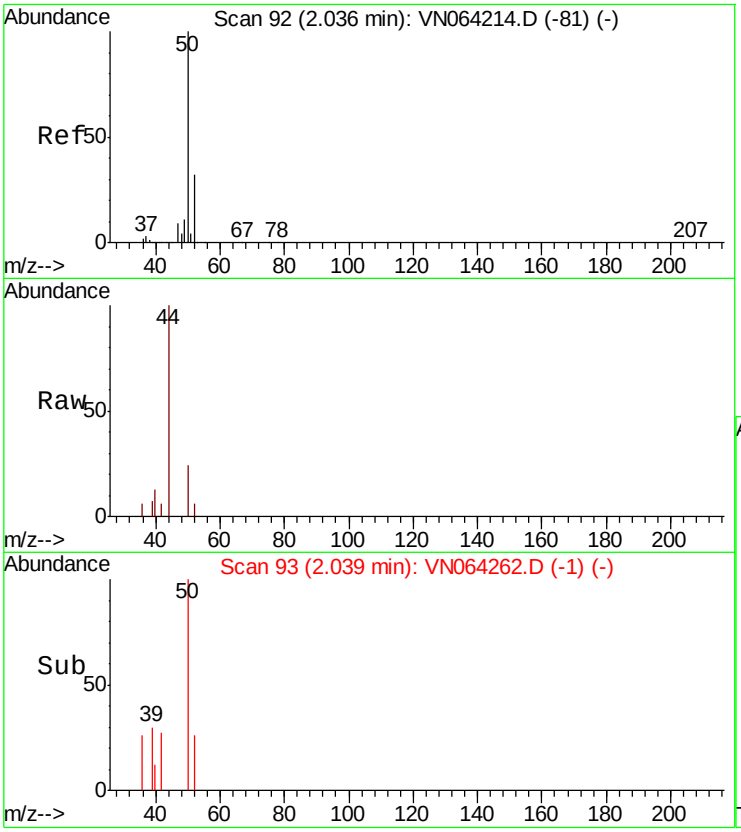


#2
Dichlorodifluoromethane
Concen: 0.957 ug/l
RT: 1.83 min Scan# 28
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 85 Resp: 570

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



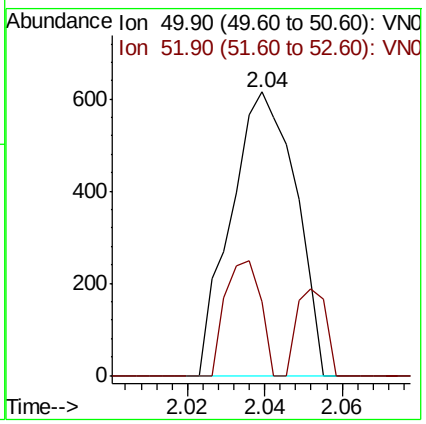


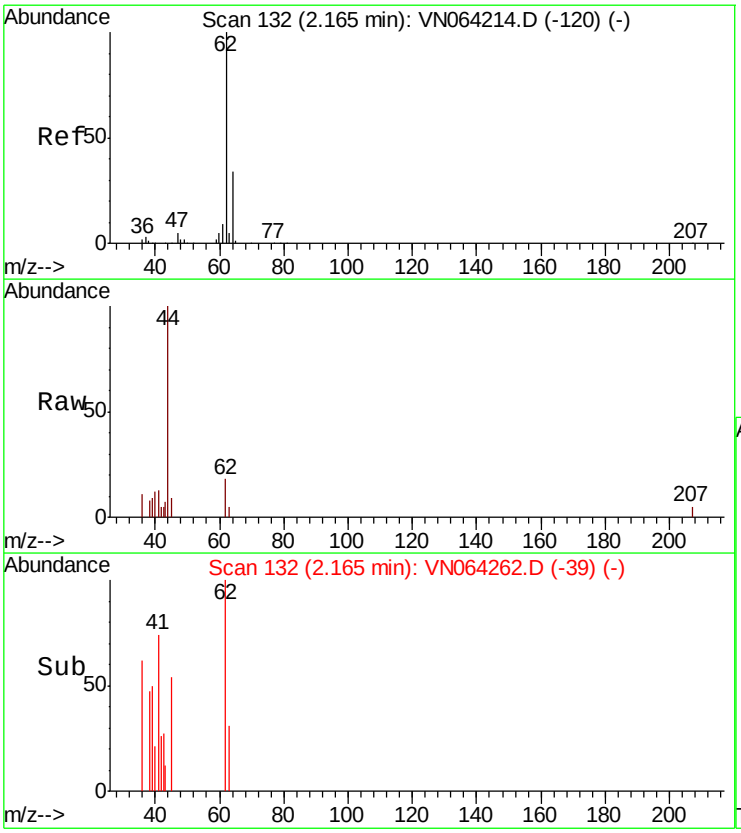
#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 50 Resp: 715

Ion	Ratio	Lower	Upper
50	100		
52	26.0	25.3	37.9

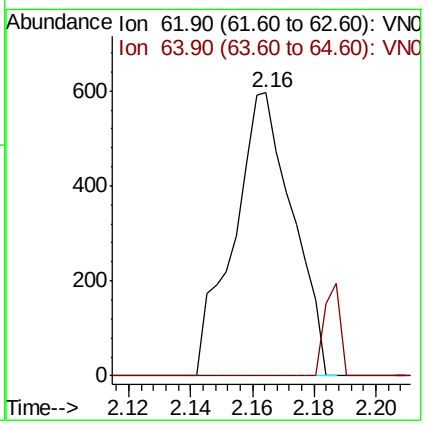


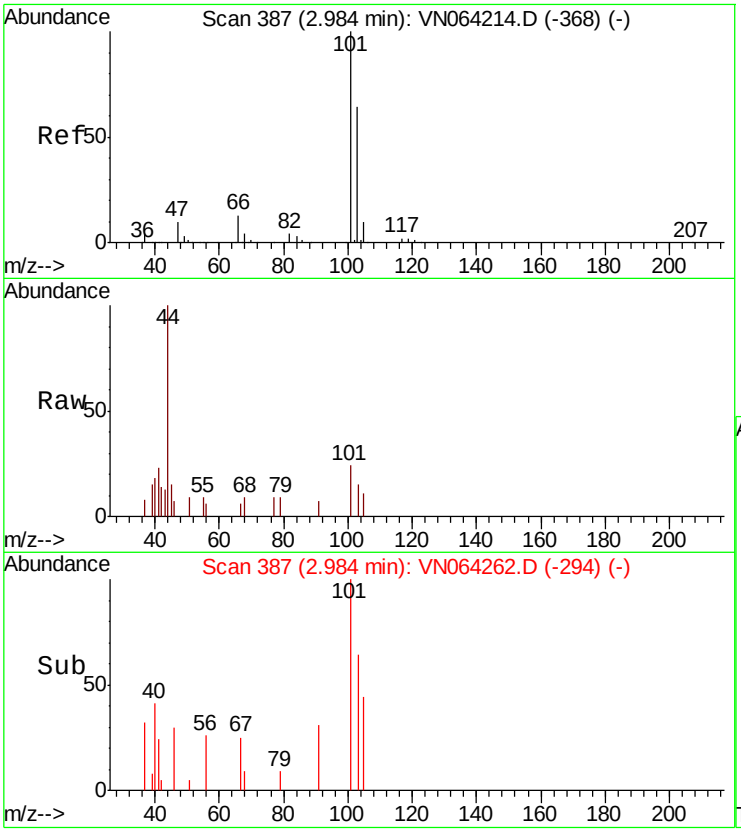


#4
Vinyl Chloride
Concen: 0.257 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 62 Resp: 789

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.8	40.2#



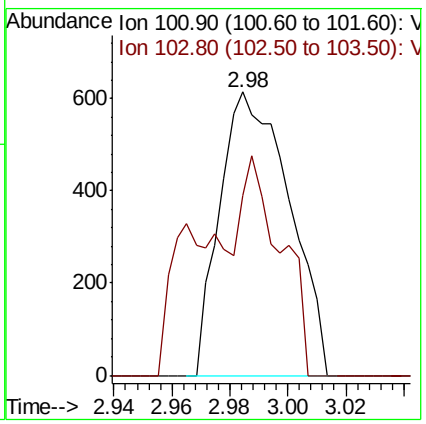


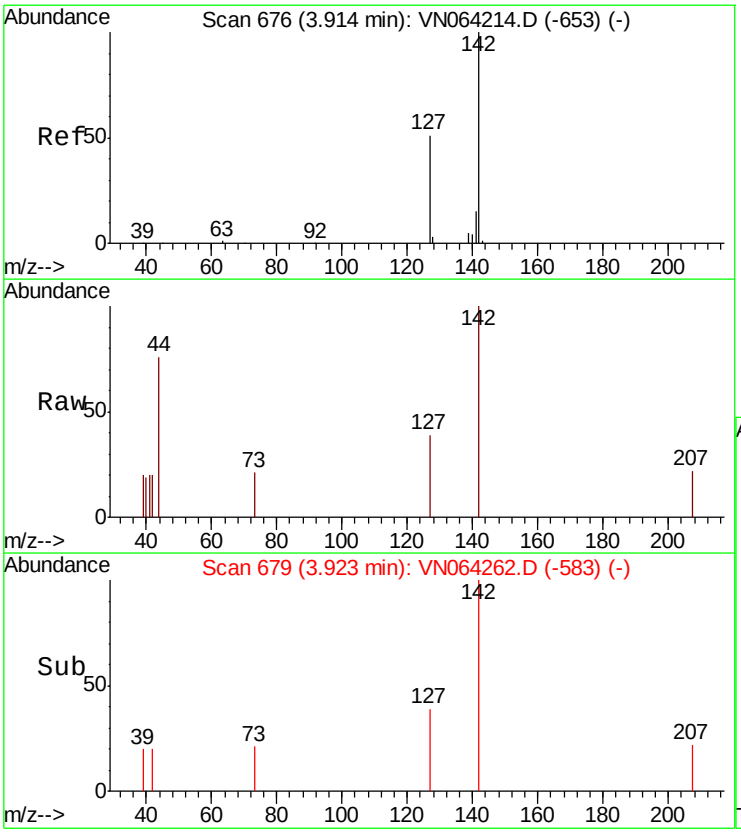
#7
Trichlorofluoromethane
Concen: 0.203 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:101 Resp: 1023

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.6

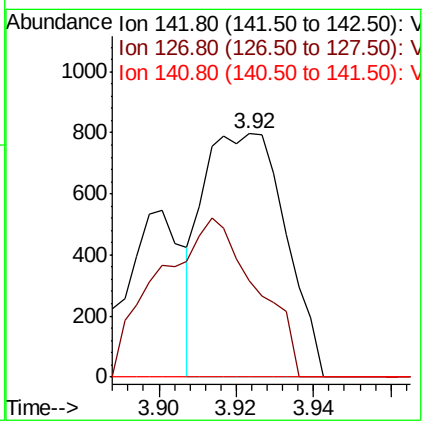


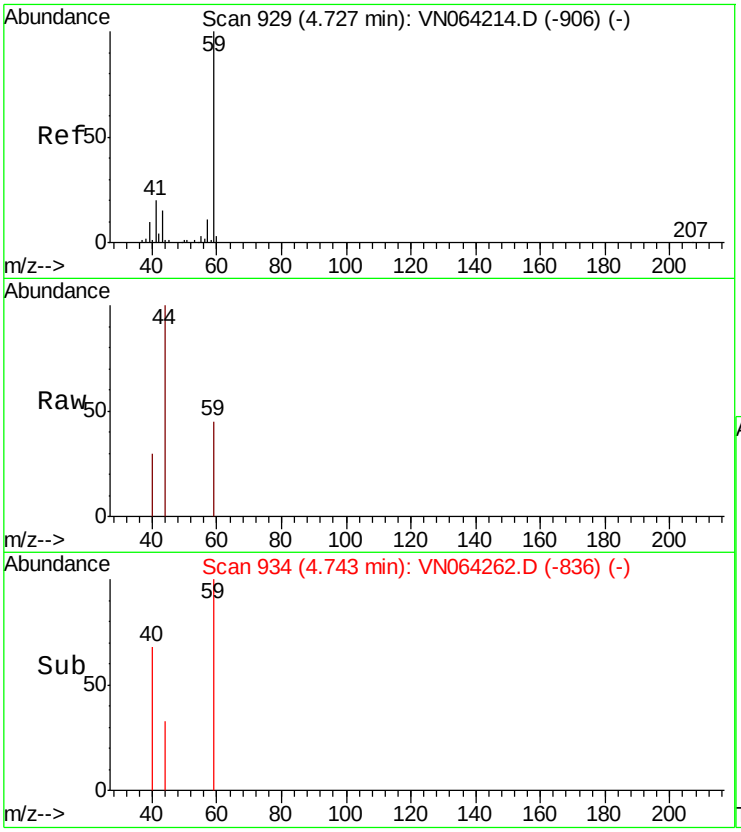


#10
Methyl Iodide
Concen: 0.317 ug/l
RT: 3.92 min Scan# 679
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:142 Resp: 1174

Ion	Ratio	Lower	Upper
142	100		
127	77.8	41.0	61.6#
141	0.0	11.3	16.9#



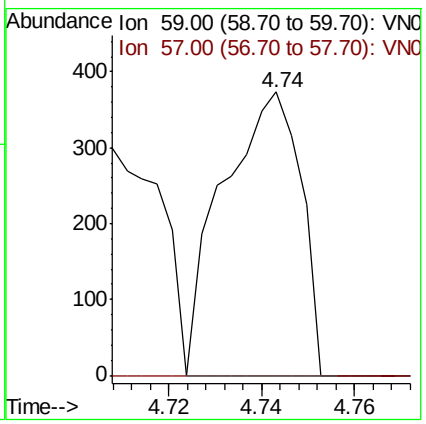


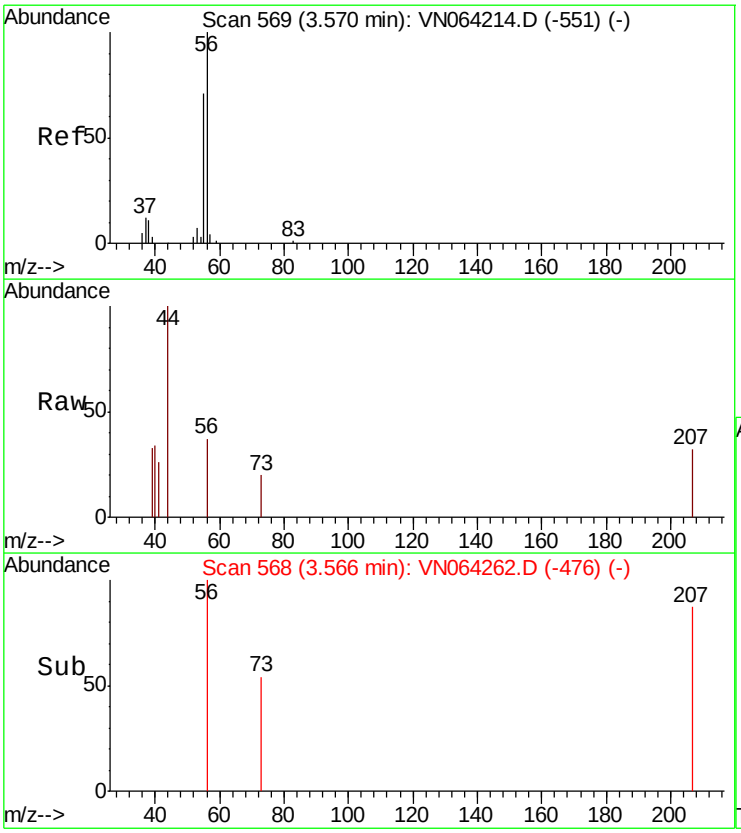
#11
Tert butyl alcohol
Concen: 0.816 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.02 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 59 Resp: 434

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.2	13.8#

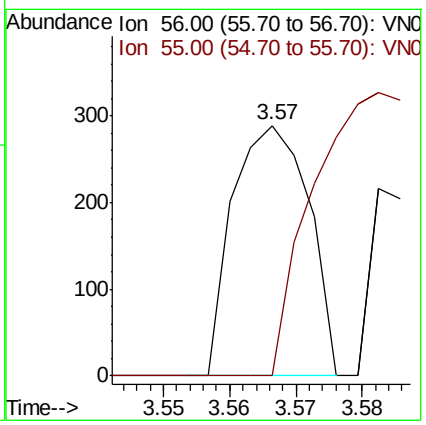


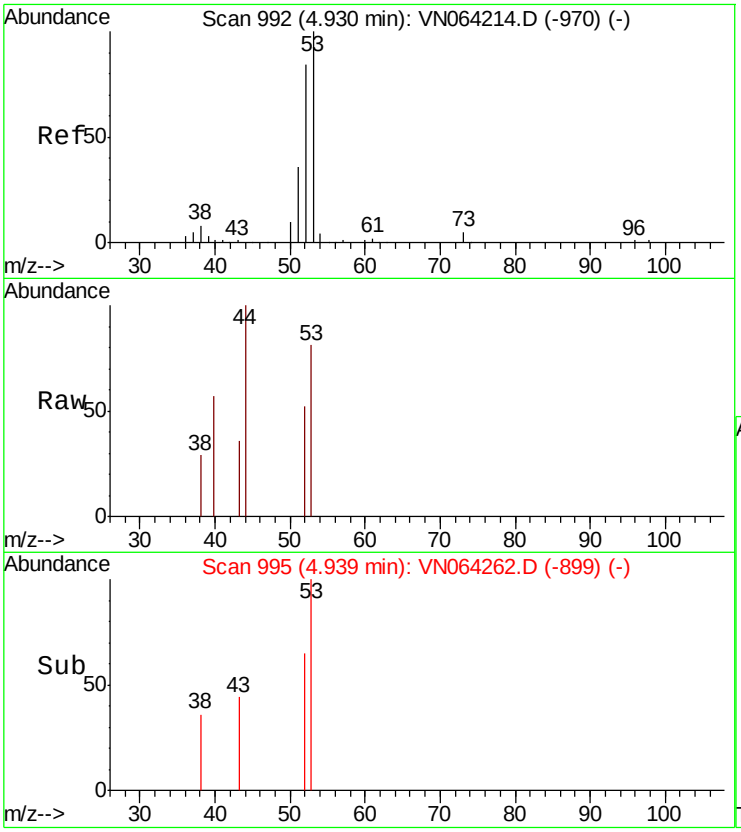


#13
Acrolein
Concen: 0.689 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 56 Resp: 230

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#



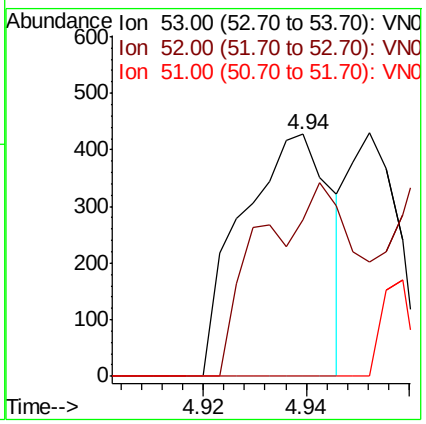


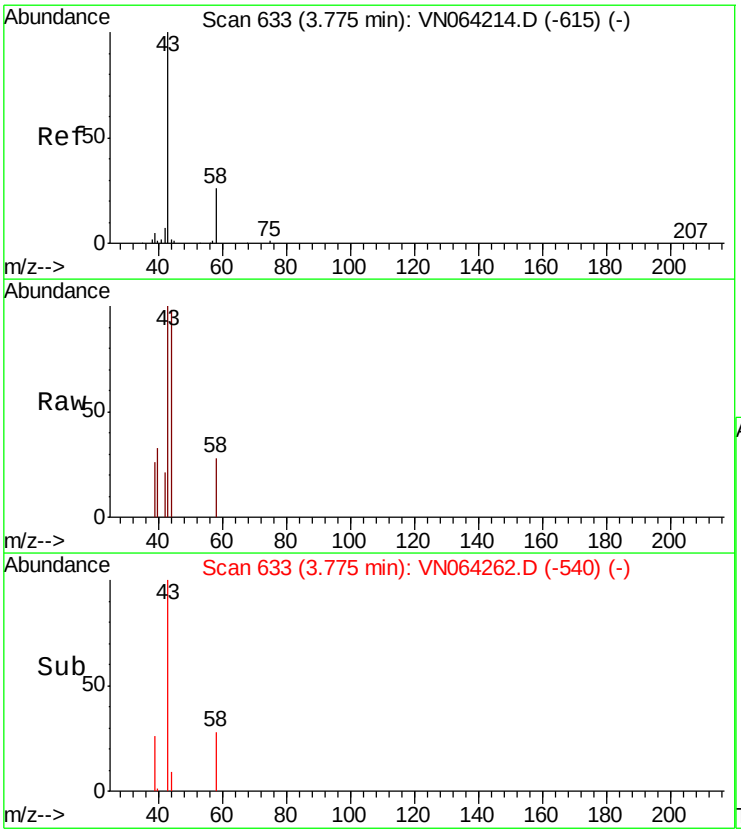
#15
Acrylonitrile
Concen: 0.467 ug/l
RT: 4.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 53 Resp: 514

Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.8	100.2
51	0.0	30.7	46.1#

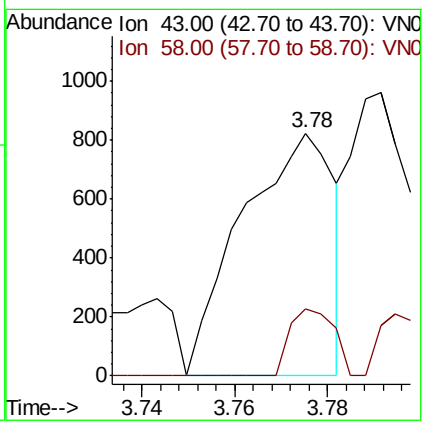


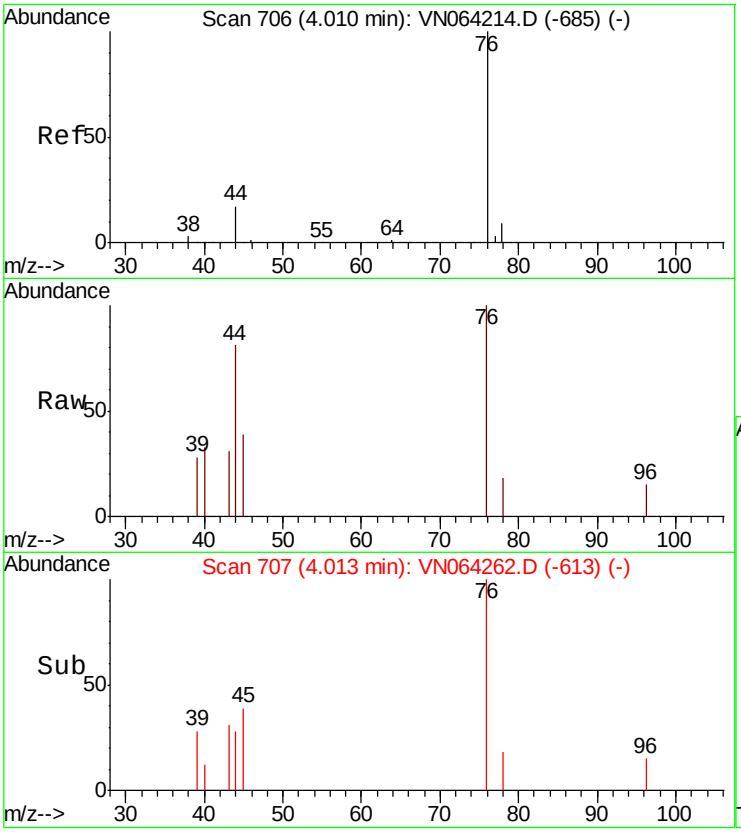


#16
Acetone
Concen: 0.993 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 43 Resp: 1129

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.0	31.4



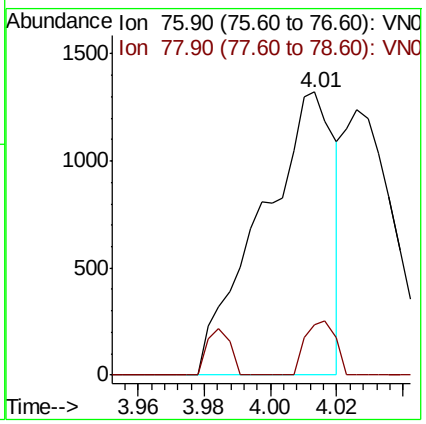


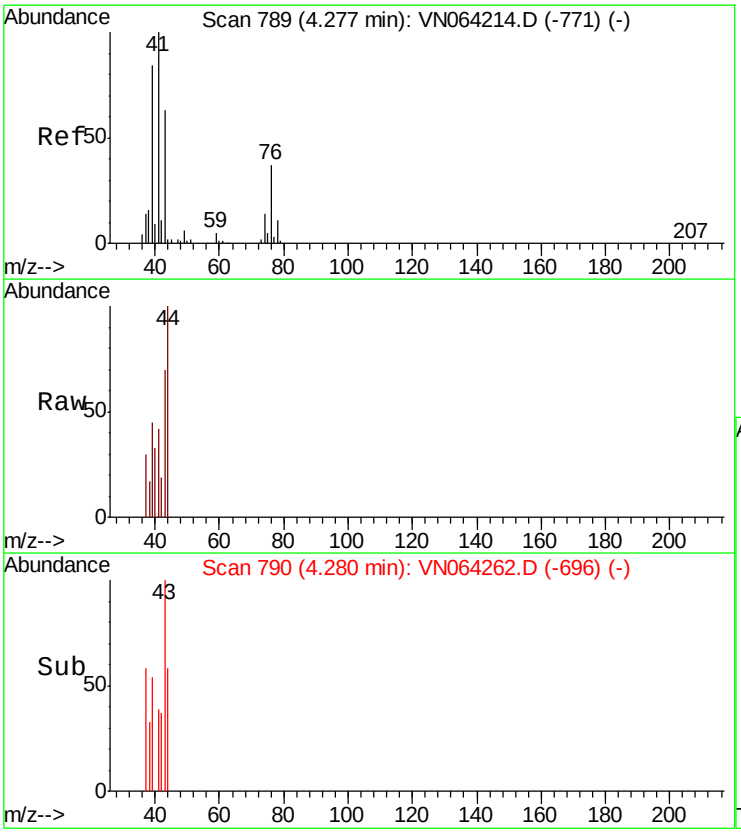
#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 76 Resp: 2027

Ion	Ratio	Lower	Upper
76	100		
78	17.9	7.1	10.7#

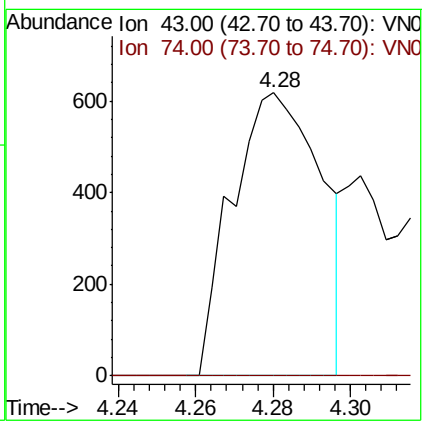


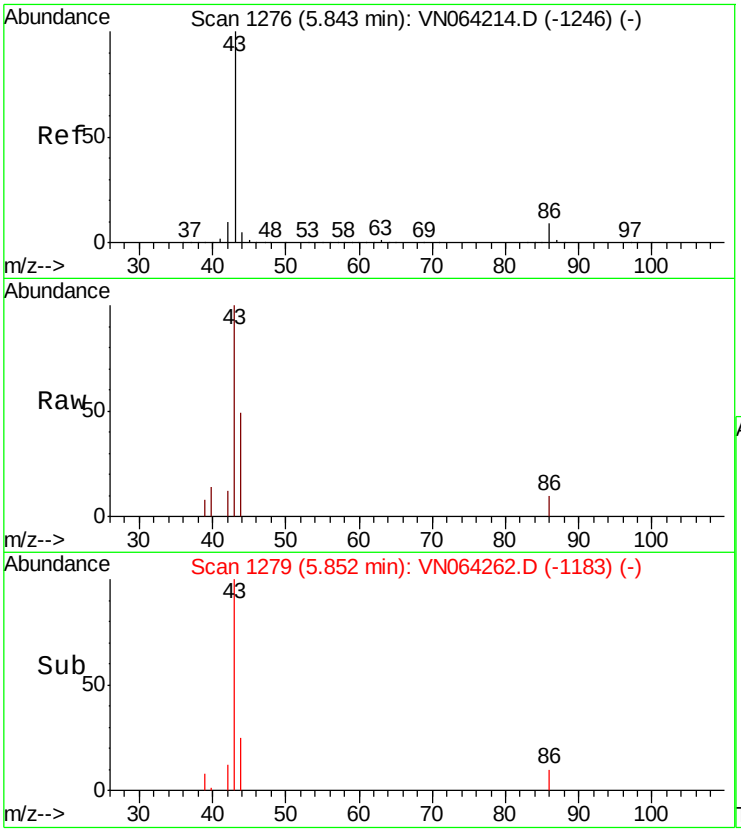


#18
Methyl Acetate
Concen: 0.342 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 43 Resp: 991

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.9	26.9#



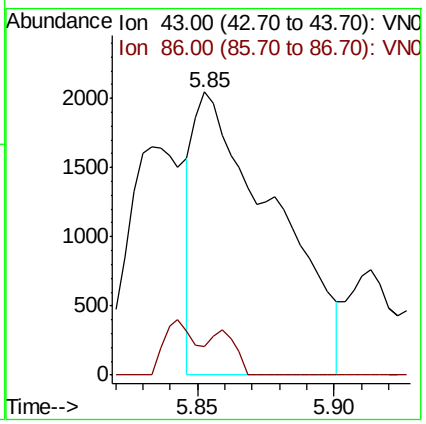


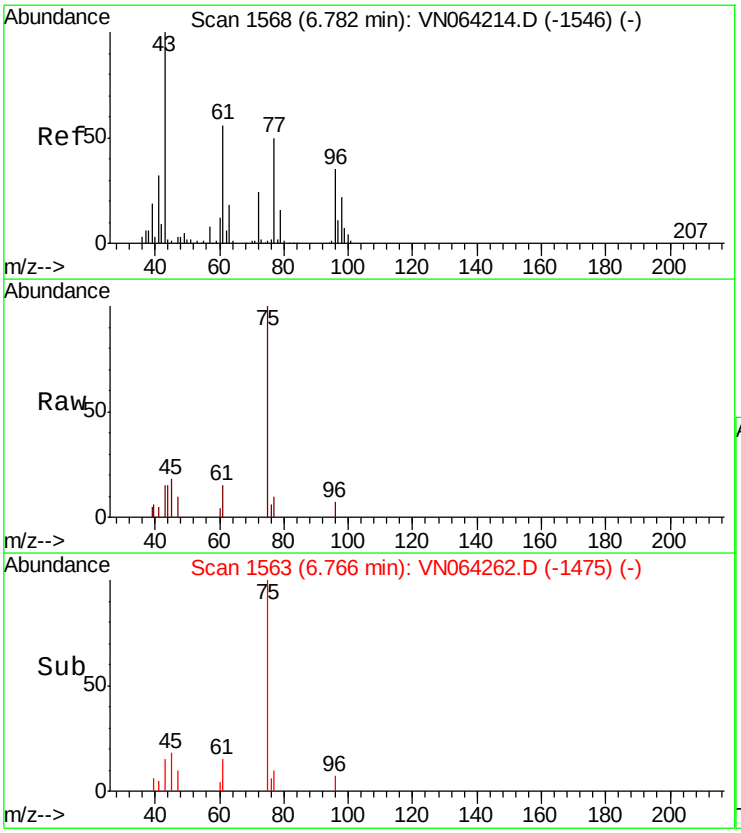
#23
Vinyl Acetate
Concen: 0.503 ug/l
RT: 5.85 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 43 Resp: 4189

Ion	Ratio	Lower	Upper
43	100		
86	13.7	7.4	11.0#

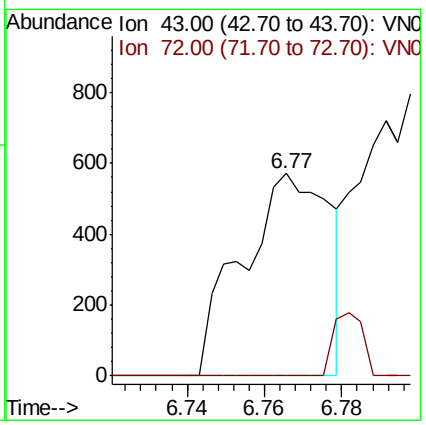


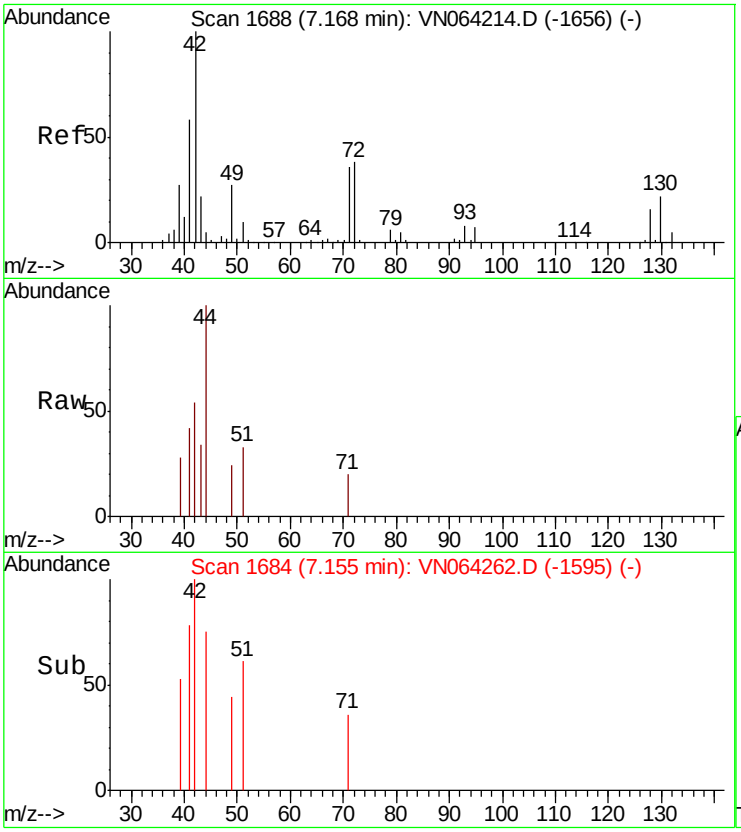


#25
2-Butanone
Concen: 0.497 ug/l
RT: 6.77 min Scan# 1563
Delta R.T. -0.02 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 43 Resp: 897

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.0#



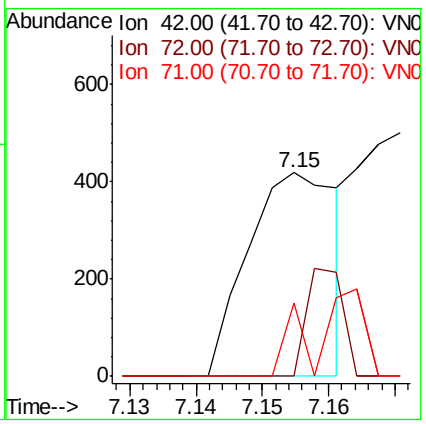


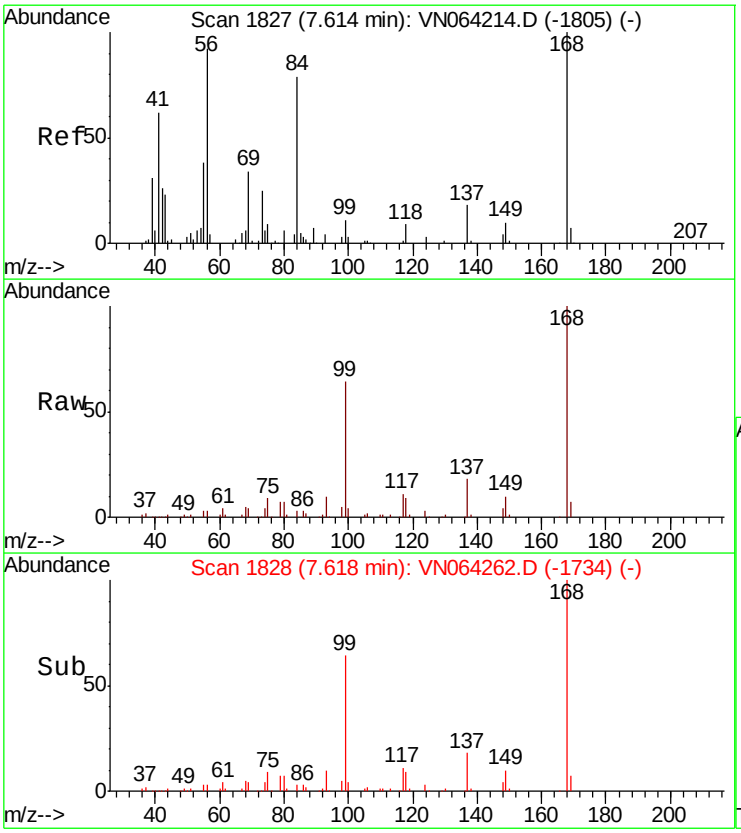
#29
Tetrahydrofuran
Concen: 0.363 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
72	21.4	30.8	46.2#
71	24.2	29.0	43.6#

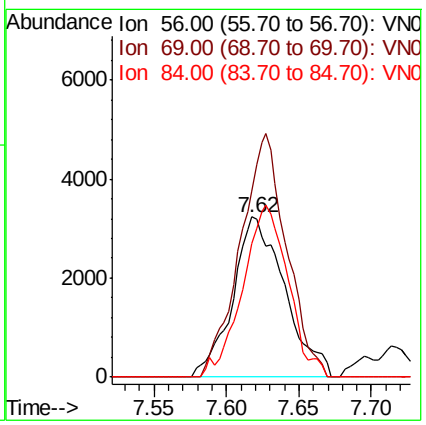


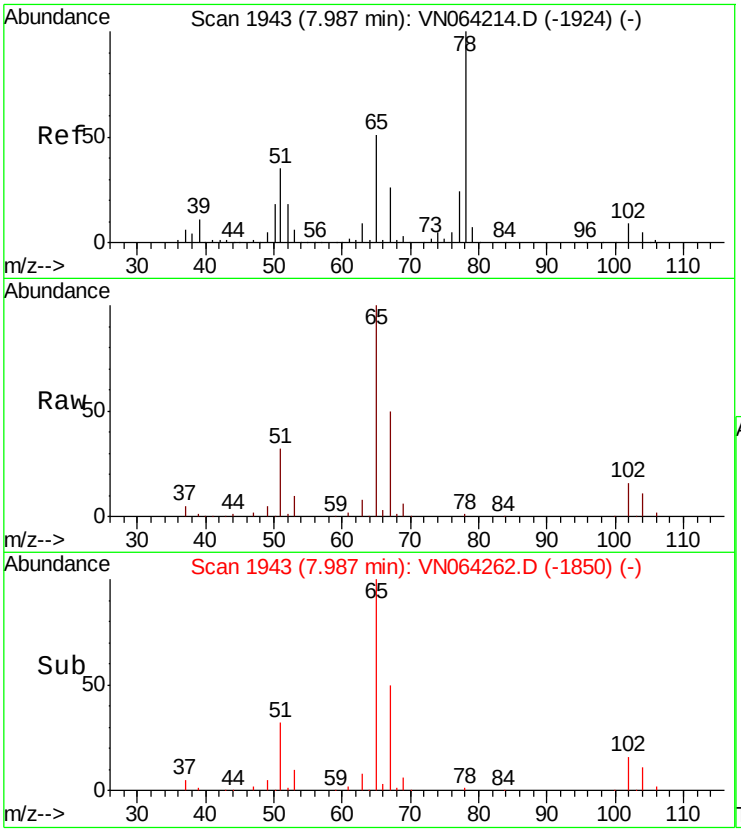


#31
Cyclohexane
Concen: 1.709 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 56 Resp: 8051

Ion	Ratio	Lower	Upper
56	100		
69	116.2	29.8	44.6#
84	83.0	68.1	102.1



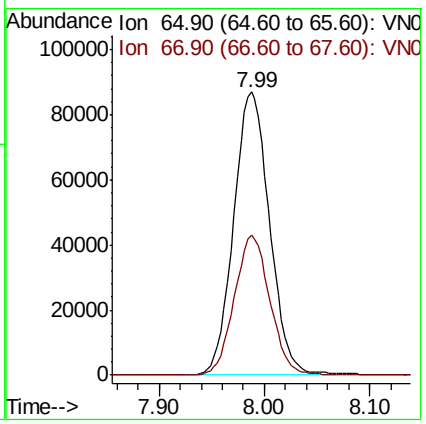


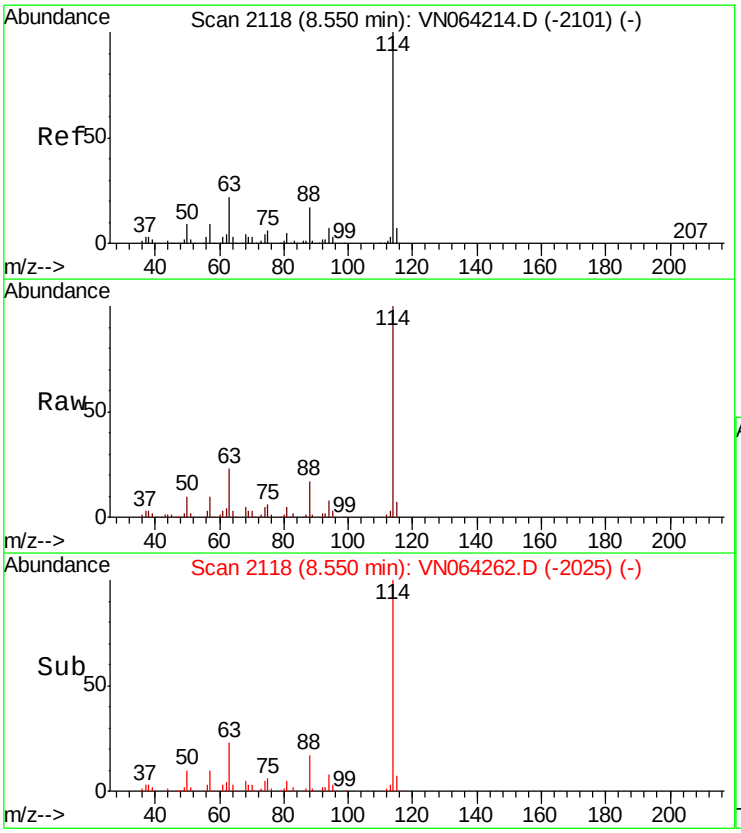
#33
1,2-Dichloroethane-d4
Concen: 51.714 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 65 Resp: 205518

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	100.2

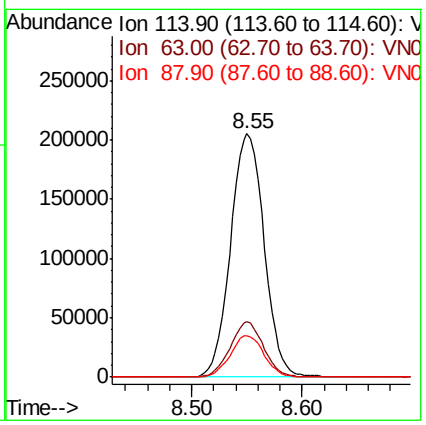


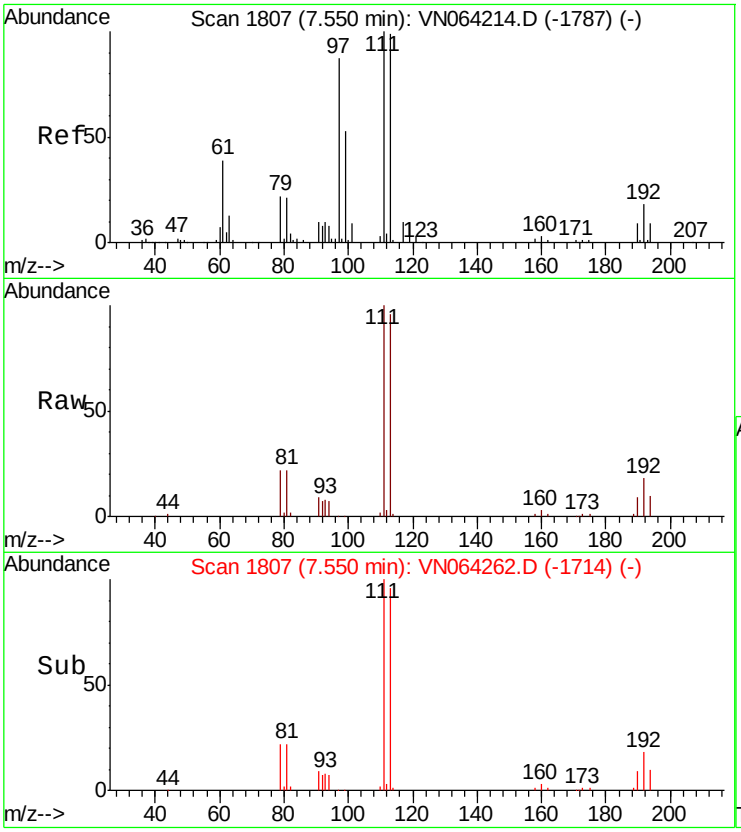


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:114 Resp: 433361

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	16.9	0.0	34.2



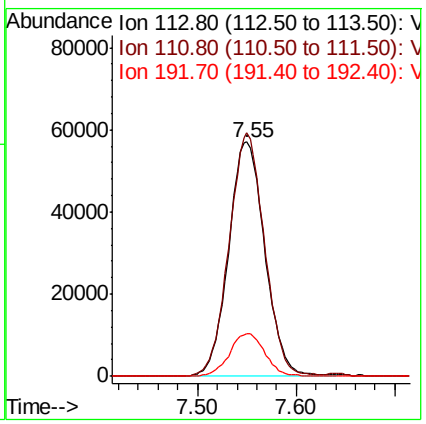


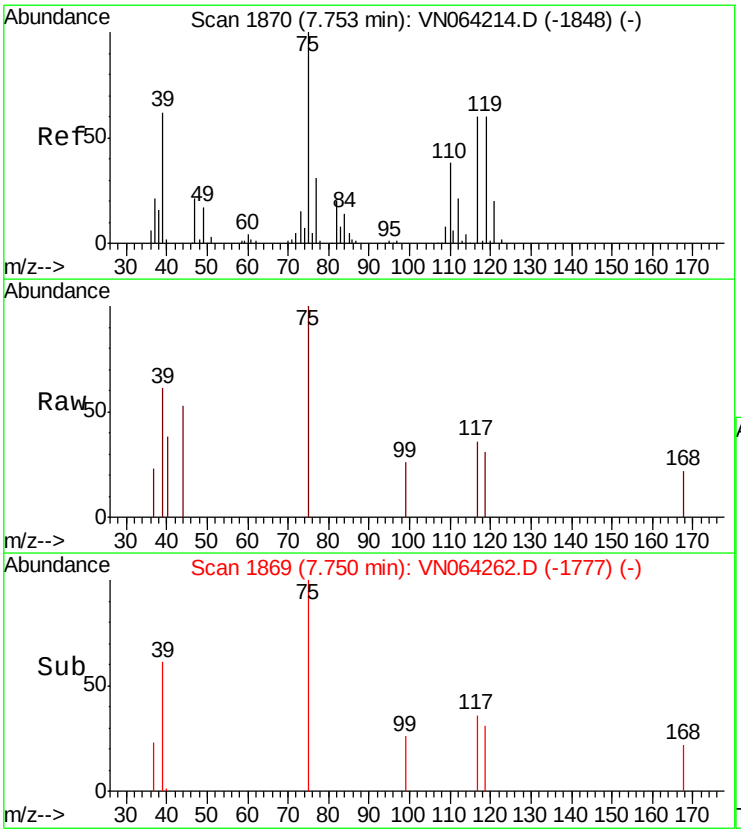
#35
Dibromofluoromethane
Concen: 50.639 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:113 Resp: 145900

Ion	Ratio	Lower	Upper
113	100		
111	101.4	84.2	126.2
192	17.8	15.2	22.8

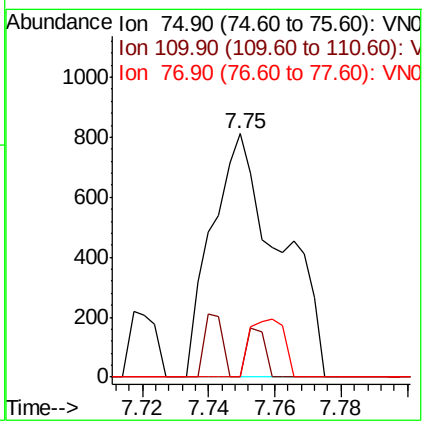


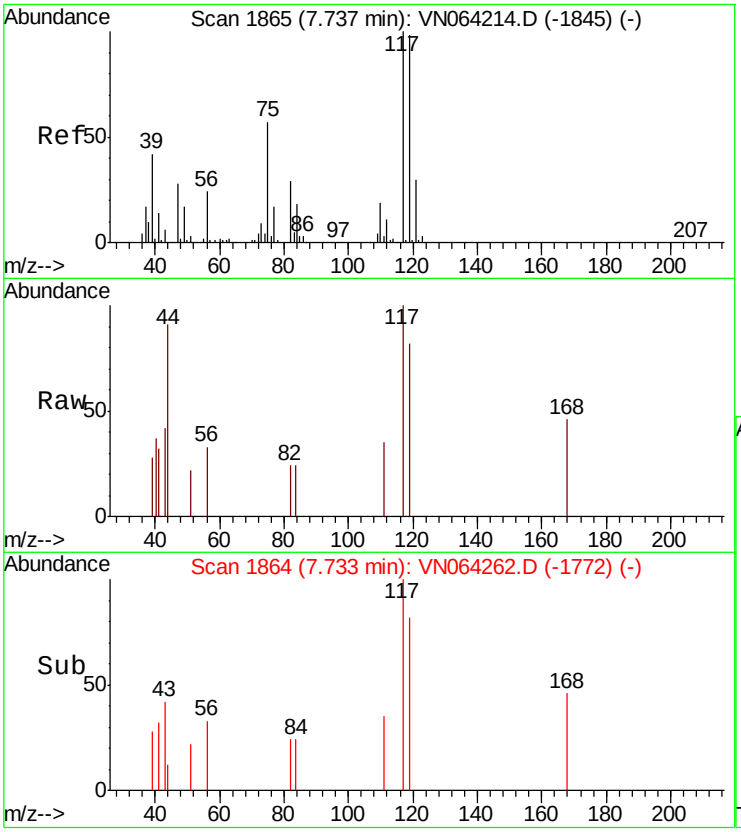


#36
1,1-Dichloropropene
Concen: 0.267 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 75 Resp: 1155

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.6#
77	12.0	24.9	37.3#



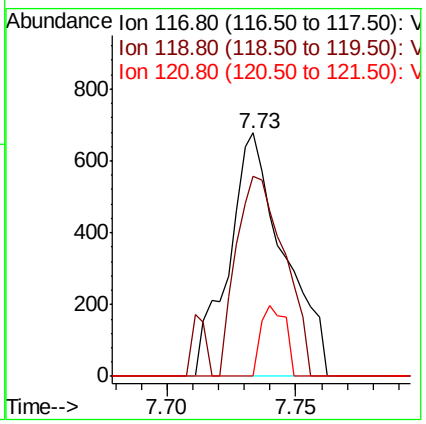


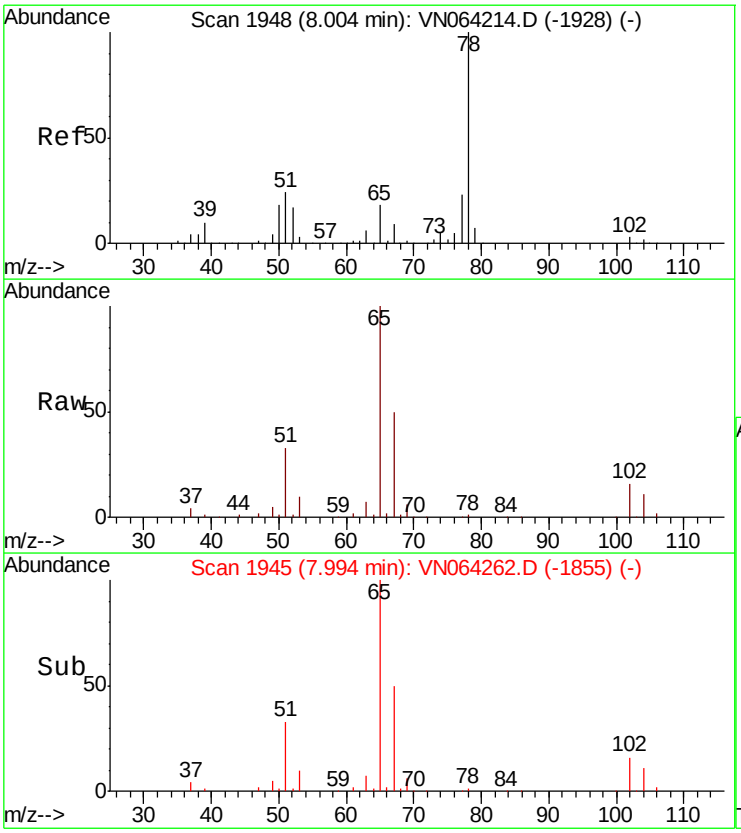
#38
Carbon Tetrachloride
Concen: 0.205 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:117 Resp: 1010

Ion	Ratio	Lower	Upper
117	100		
119	82.4	78.5	117.7
121	0.0	24.3	36.5#

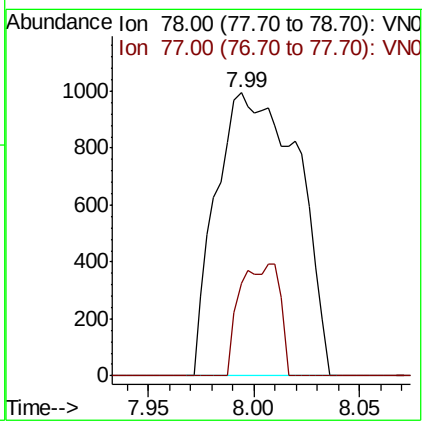


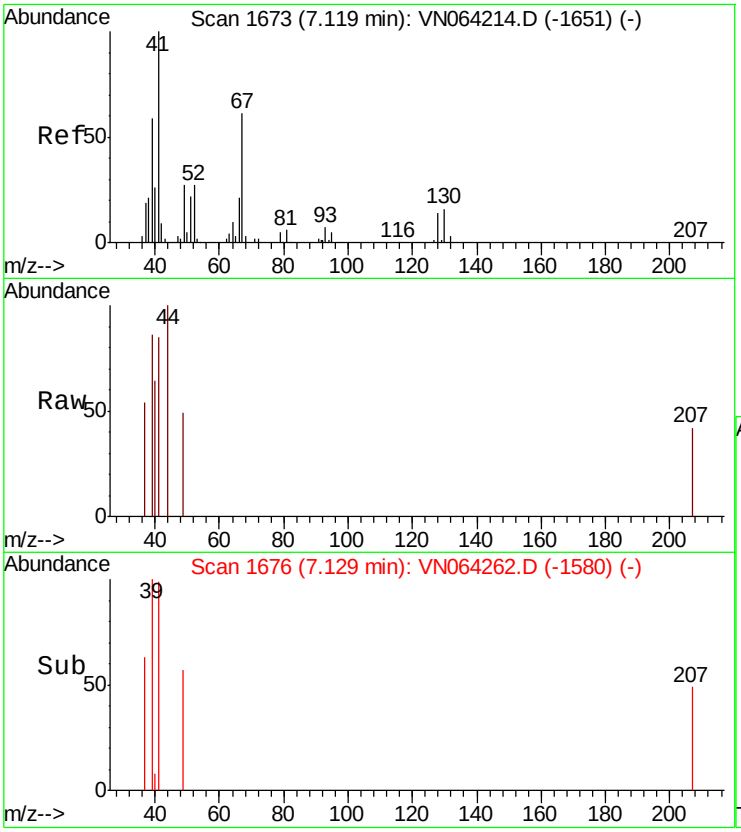


#40
Benzene
Concen: 0.224 ug/l
RT: 7.99 min Scan# 1945
Delta R.T. -0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 78 Resp: 2677

Ion	Ratio	Lower	Upper
78	100		
77	32.6	18.3	27.5#



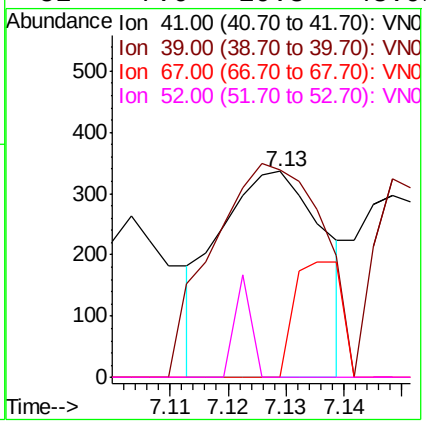


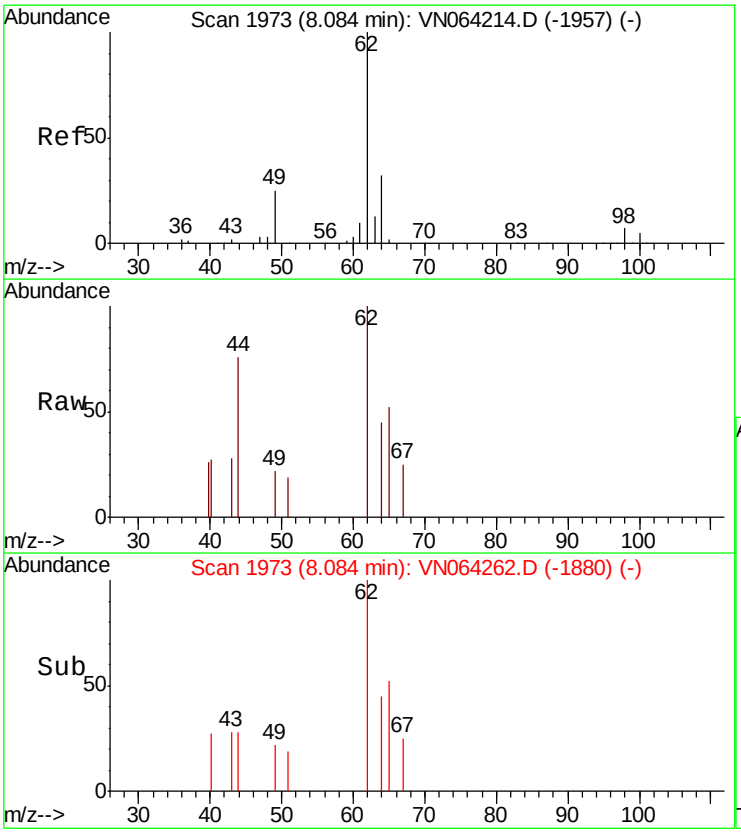
#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 41 Resp: 421

Ion	Ratio	Lower	Upper
41	100		
39	109.0	50.5	75.7#
67	25.2	63.2	94.8#
52	7.6	29.3	43.9#

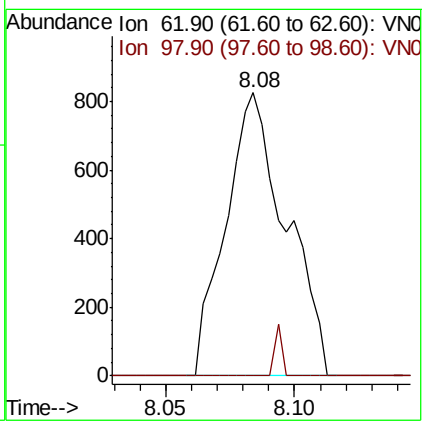


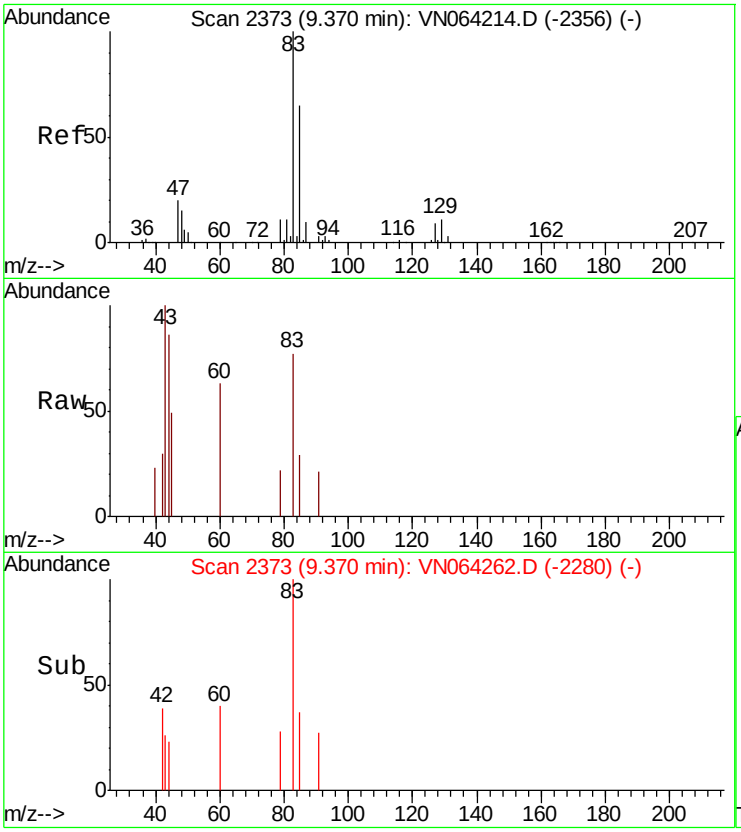


#42
1,2-Dichloroethane
Concen: 0.262 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 62 Resp: 1340

Ion	Ratio	Lower	Upper
62	100		
98	2.2	0.0	15.0



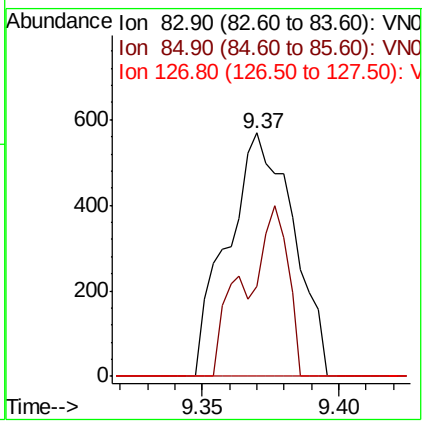


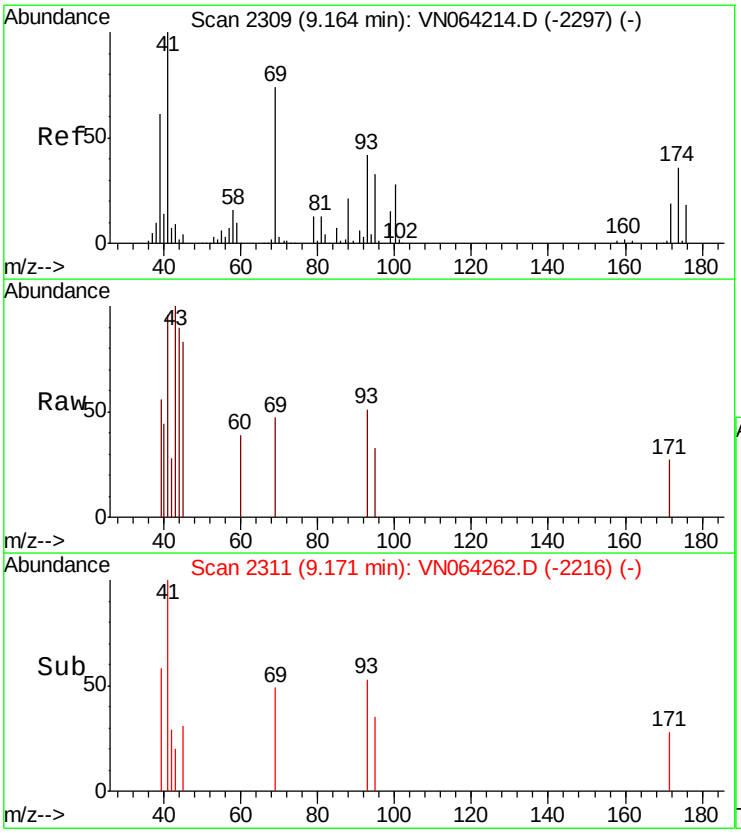
#47
Bromodichloromethane
Concen: 0.201 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 83 Resp: 949

Ion	Ratio	Lower	Upper
83	100		
85	36.9	51.8	77.8#
127	0.0	7.4	11.0#

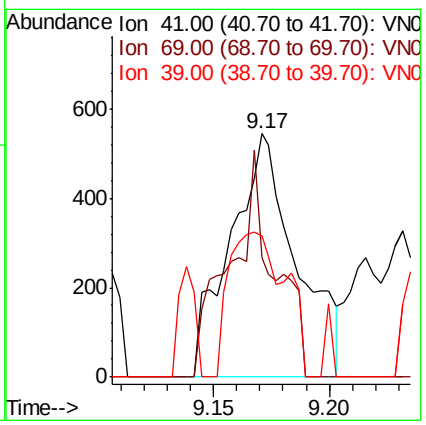


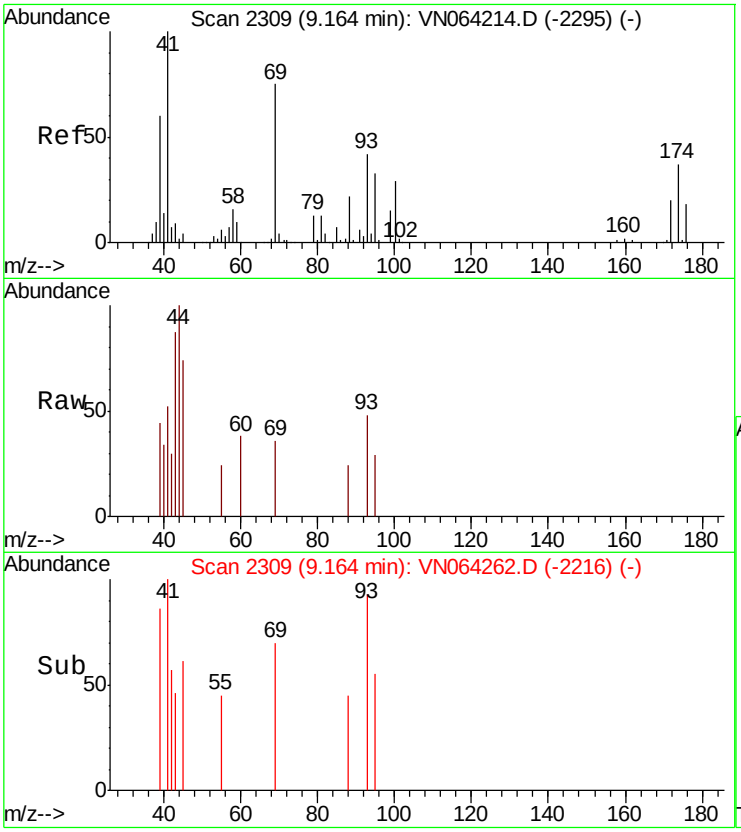


#48
Methyl methacrylate
Concen: 0.281 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 41 Resp: 1075

Ion	Ratio	Lower	Upper
41	100		
69	62.2	57.3	85.9
39	51.1	48.6	73.0



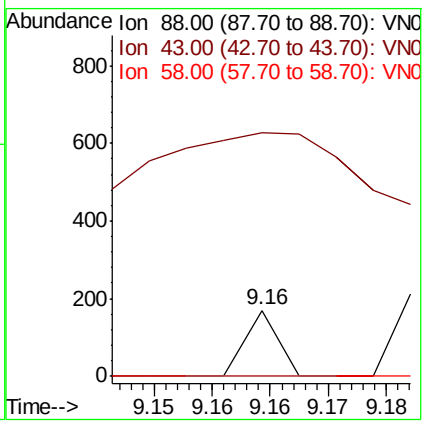


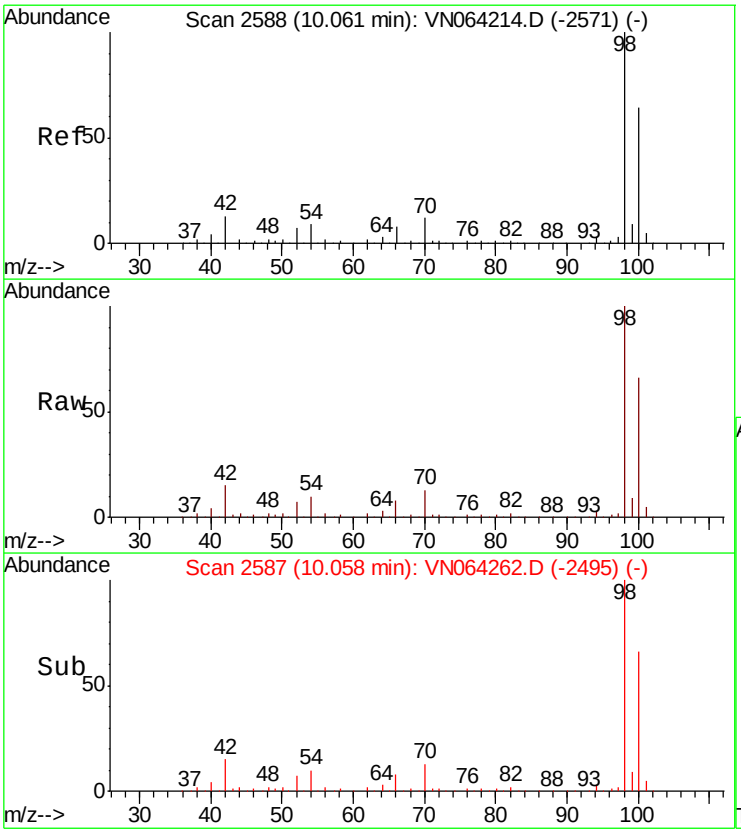
#49
1,4-Dioxane
Concen: 0.739 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
43	1581.8	34.6	52.0#
58	0.0	59.0	88.6#

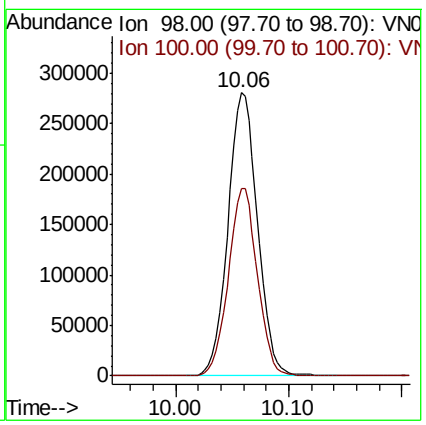


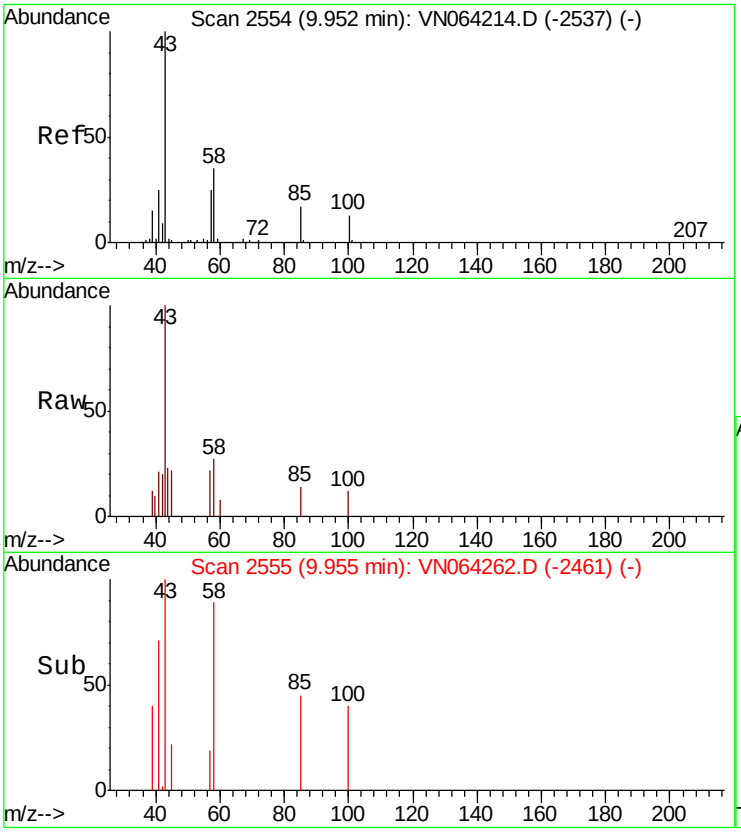


#50
Toluene-d8
Concen: 48.724 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 98 Resp: 509237

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.8	76.2



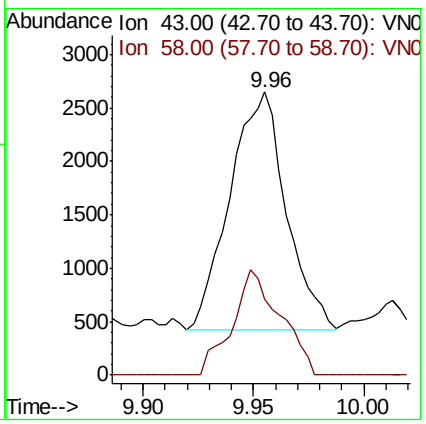


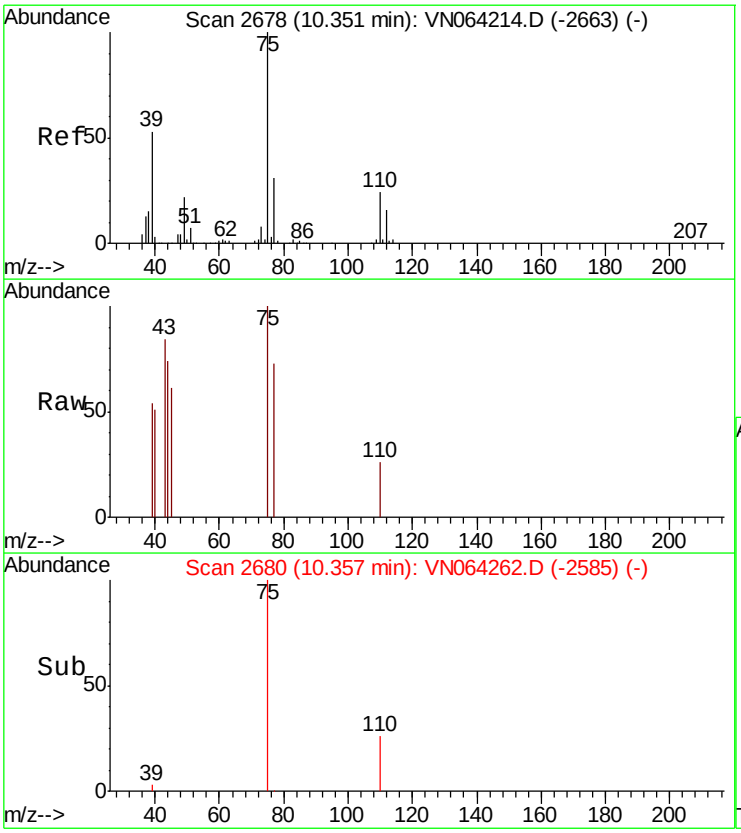
#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 43 Resp: 3929

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.6	42.8

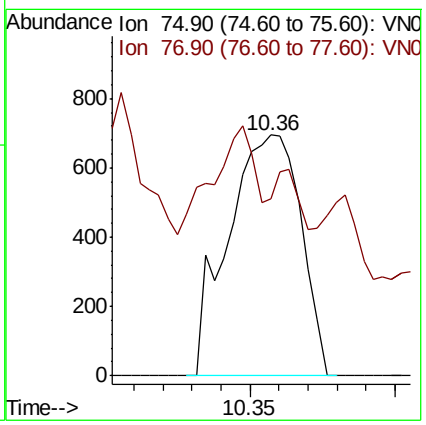


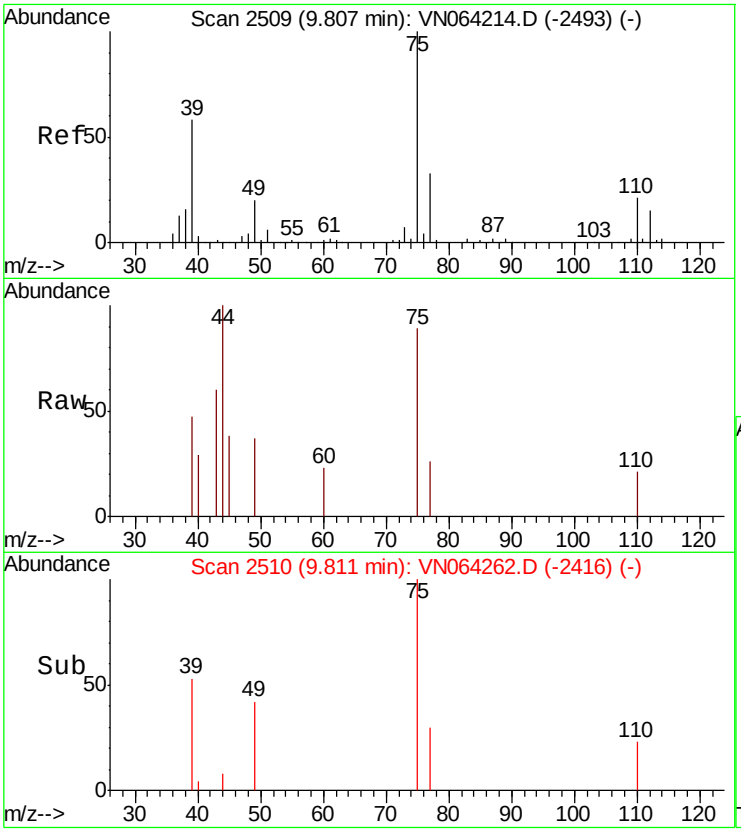


#53
t-1,3-Dichloropropene
Concen: 0.231 ug/l
RT: 10.36 min Scan# 2680
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 75 Resp: 1213

Ion	Ratio	Lower	Upper
75	100		
77	6.3	25.4	38.2#



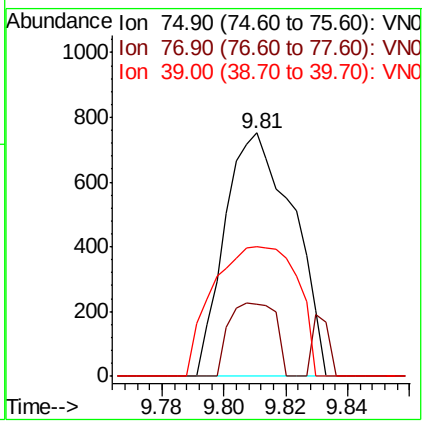


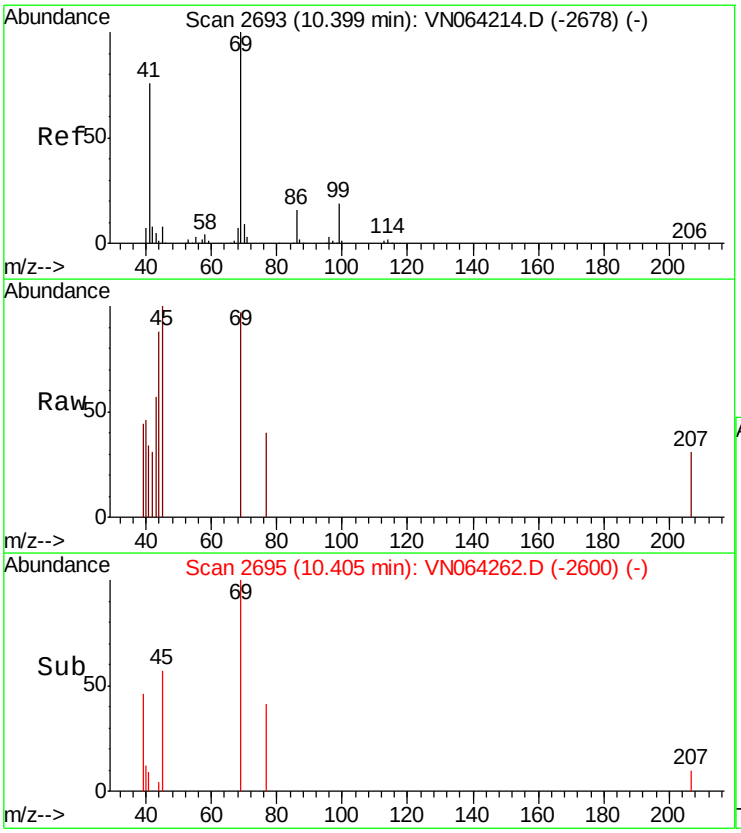
#54
cis-1,3-Dichloropropene
Concen: 0.209 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 75 Resp: 1153

Ion	Ratio	Lower	Upper
75	100		
77	29.5	26.6	39.8
39	53.1	46.7	70.1

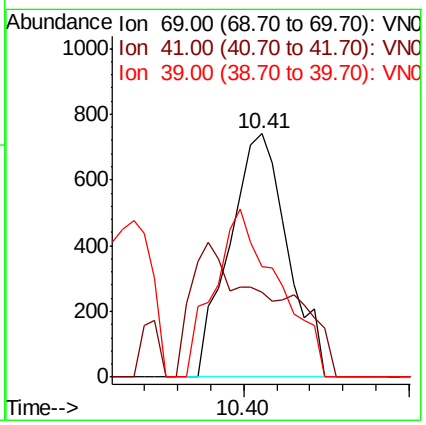


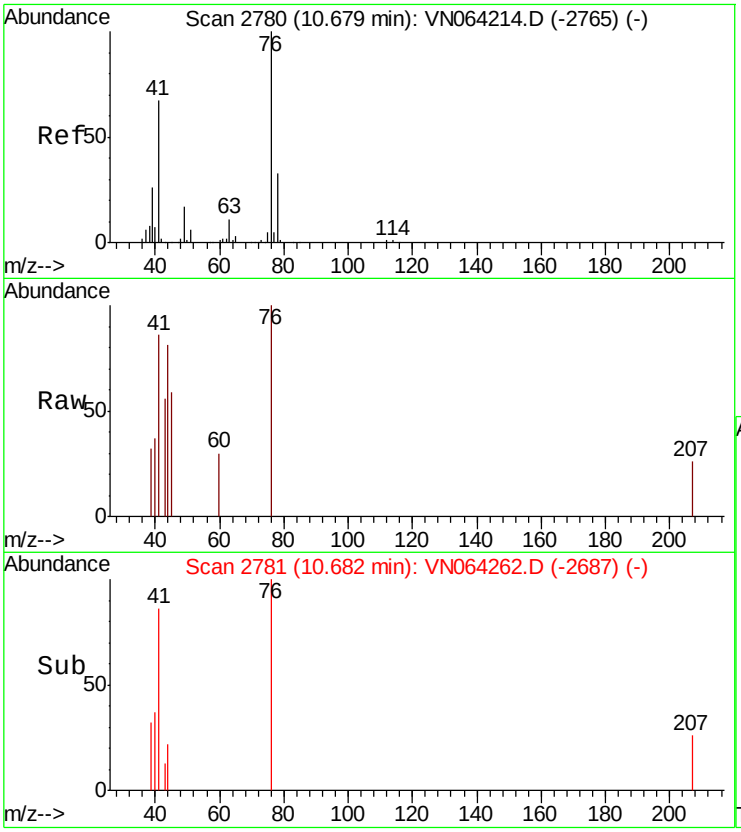


#56
Ethyl methacrylate
Concen: 0.203 ug/l
RT: 10.41 min Scan# 2695
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 69 Resp: 904

Ion	Ratio	Lower	Upper
69	100		
41	78.5	61.4	92.2
39	76.2	36.0	54.0#



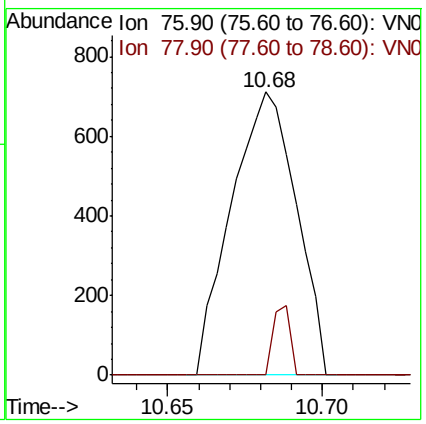


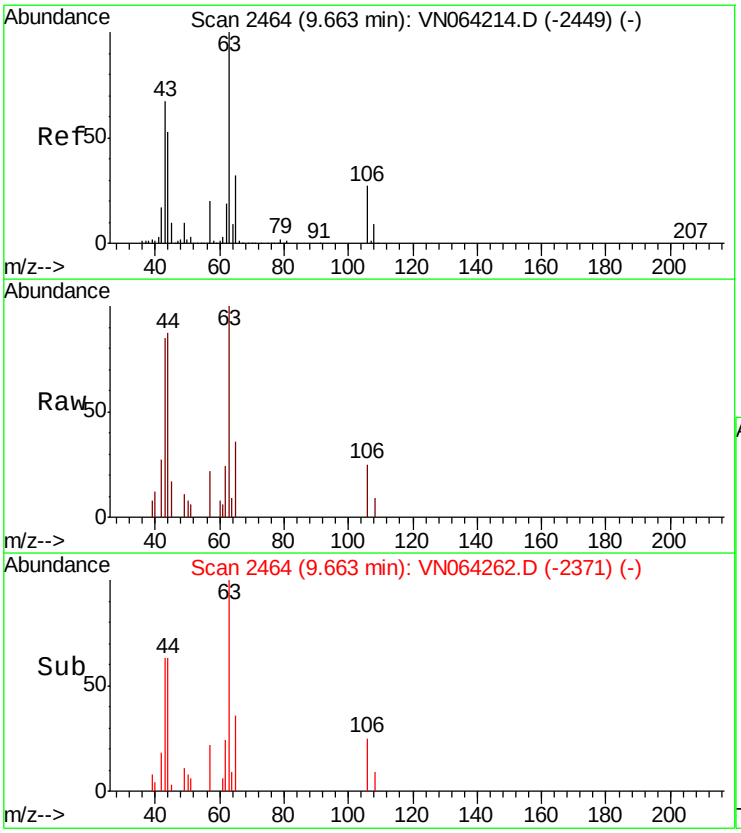
#57
1,3-Dichloropropane
Concen: 0.208 ug/l
RT: 10.68 min Scan# 2781
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 76 Resp: 1039

Ion	Ratio	Lower	Upper
76	100		
78	6.2	26.2	39.2#

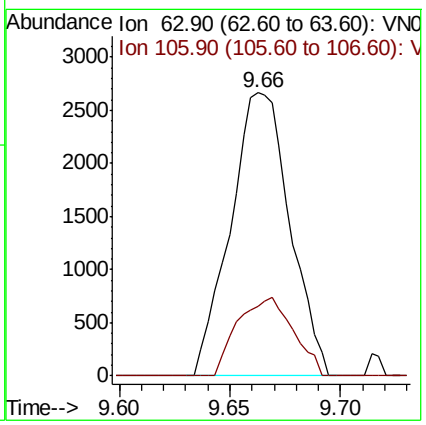


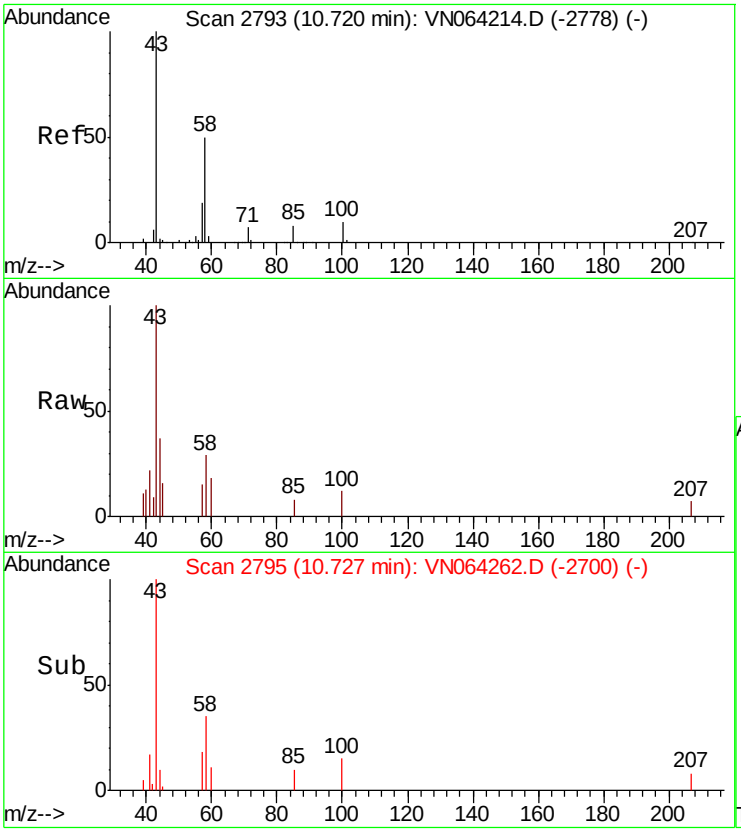


#58
2-Chloroethyl Vinyl ether
Concen: 2.169 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 63 Resp: 4977

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.3	31.9



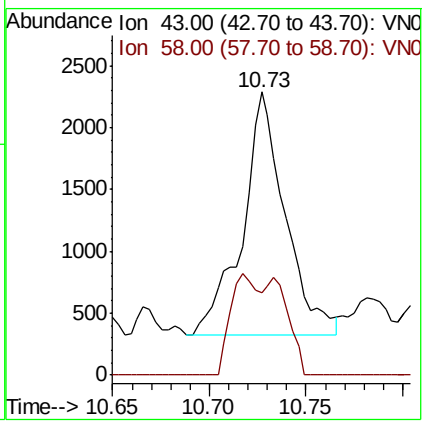


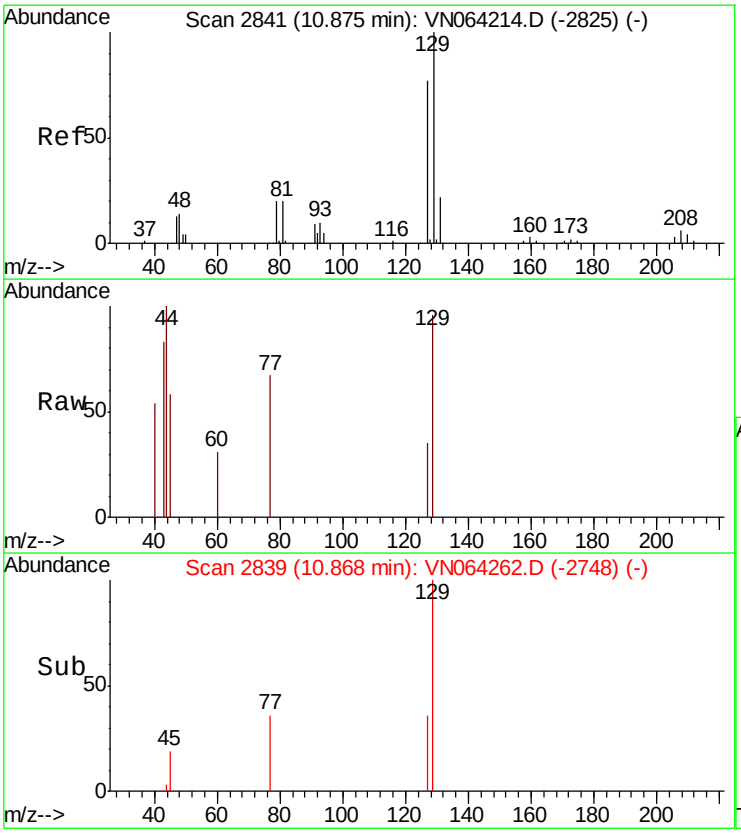
#59
2-Hexanone
Concen: 1.069 ug/l
RT: 10.73 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 43 Resp: 3050

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.8	74.3

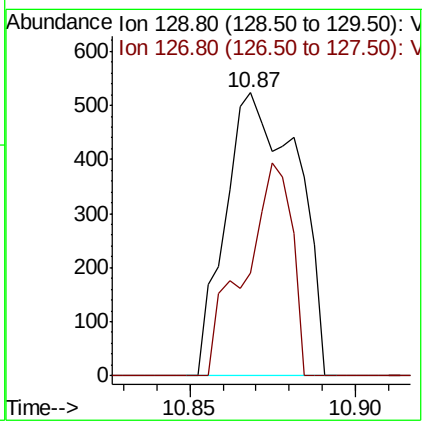


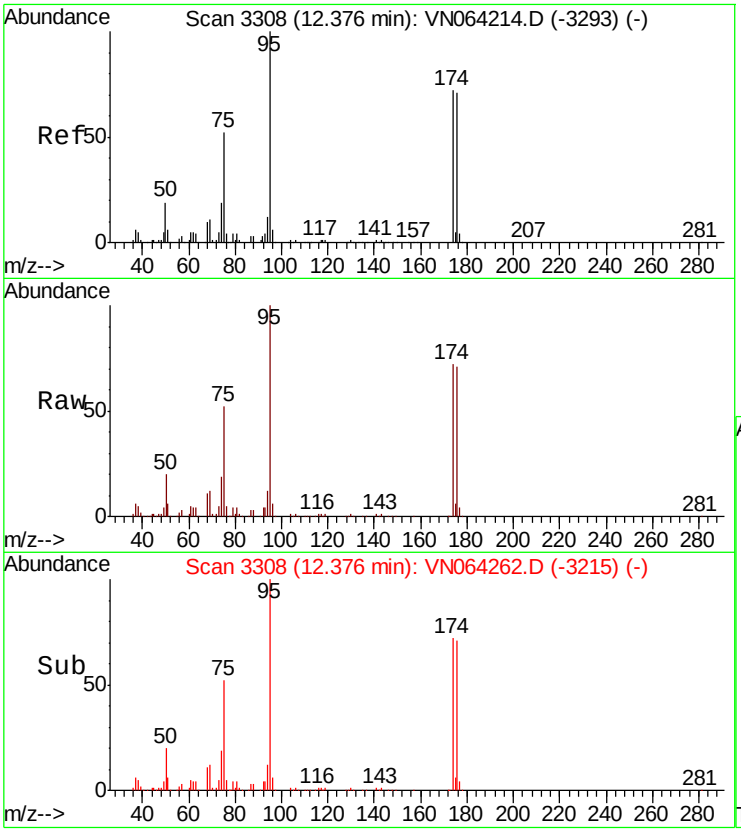


#60
Dibromochloromethane
Concen: 0.211 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:129 Resp: 789

Ion	Ratio	Lower	Upper
129	100		
127	49.2	38.8	116.3



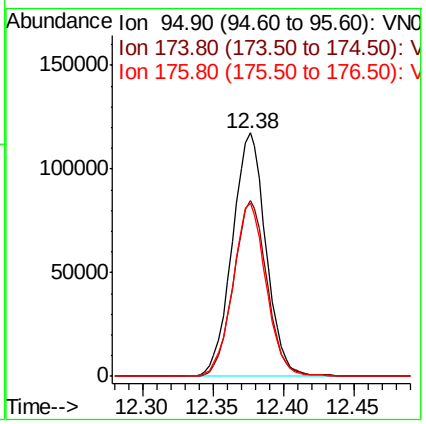


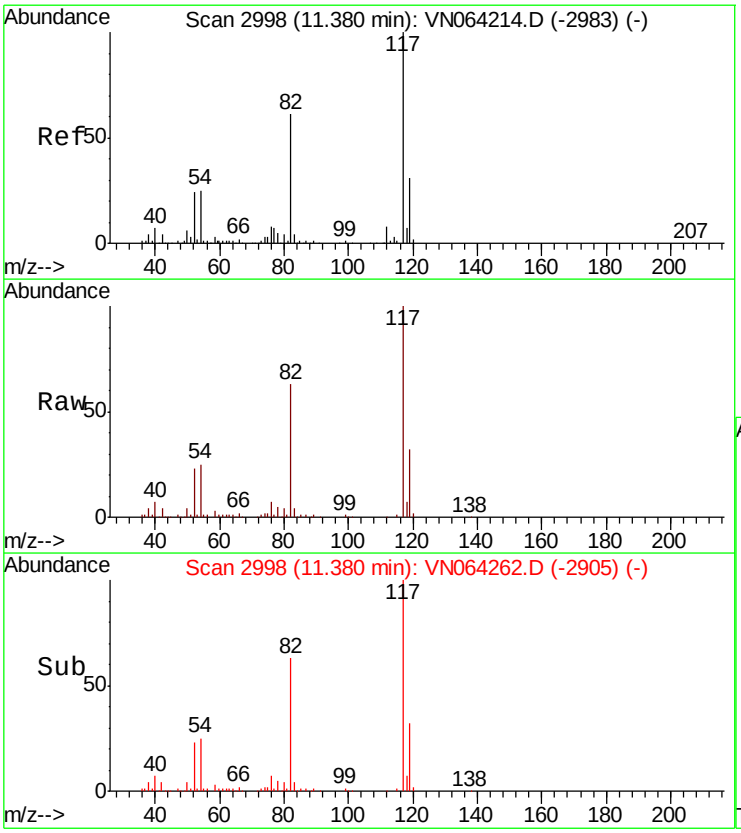
#62
4-Bromofluorobenzene
Concen: 46.354 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 95 Resp: 196399

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	144.4
176	70.1	0.0	139.2

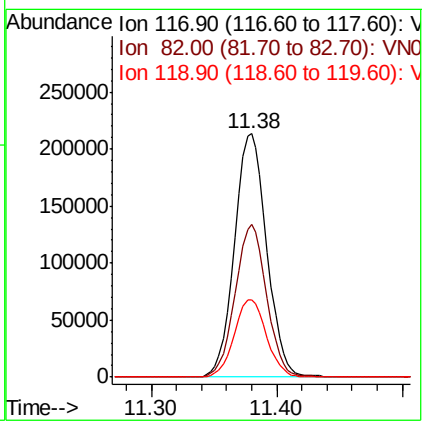


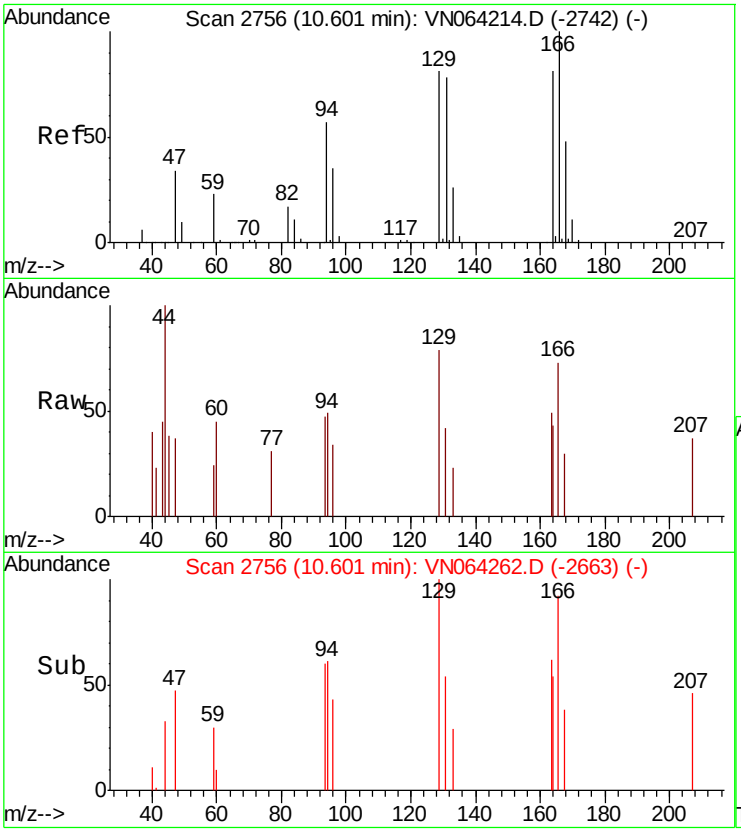


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:117 Resp: 380182

Ion	Ratio	Lower	Upper
117	100		
82	62.8	48.8	73.2
119	31.8	24.7	37.1



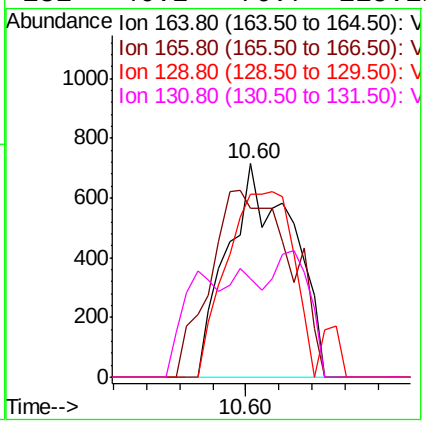


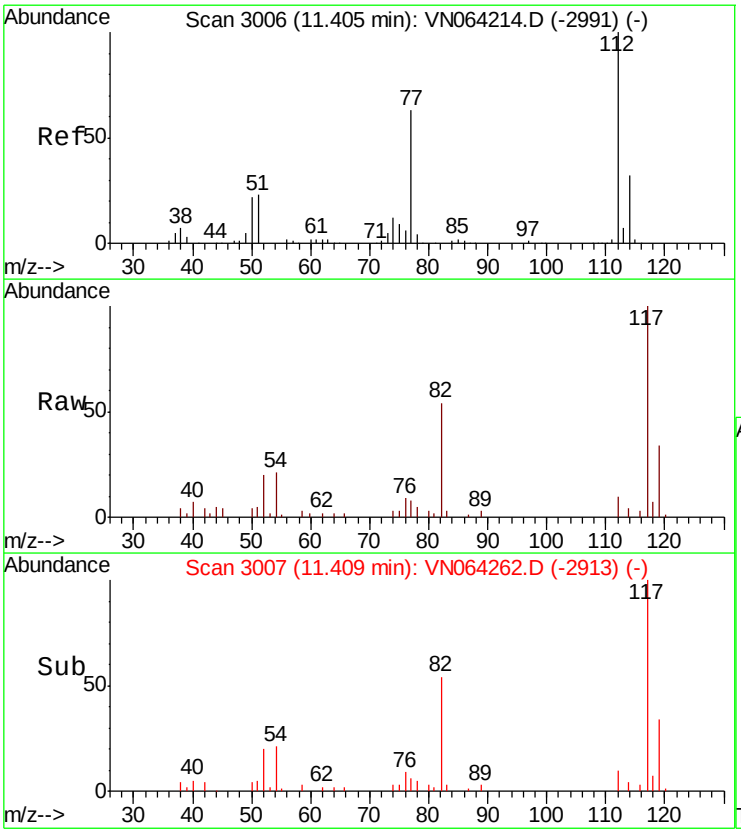
#64
Tetrachloroethene
Concen: 0.319 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Tgt Ion:164 Resp: 975

Ion	Ratio	Lower	Upper
164	100		
166	78.9	98.9	148.3#
129	86.0	79.9	119.9
131	46.2	76.7	115.1#

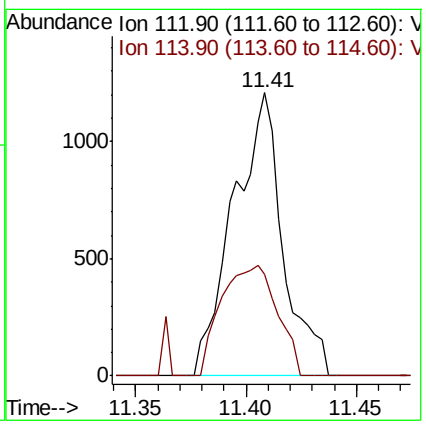


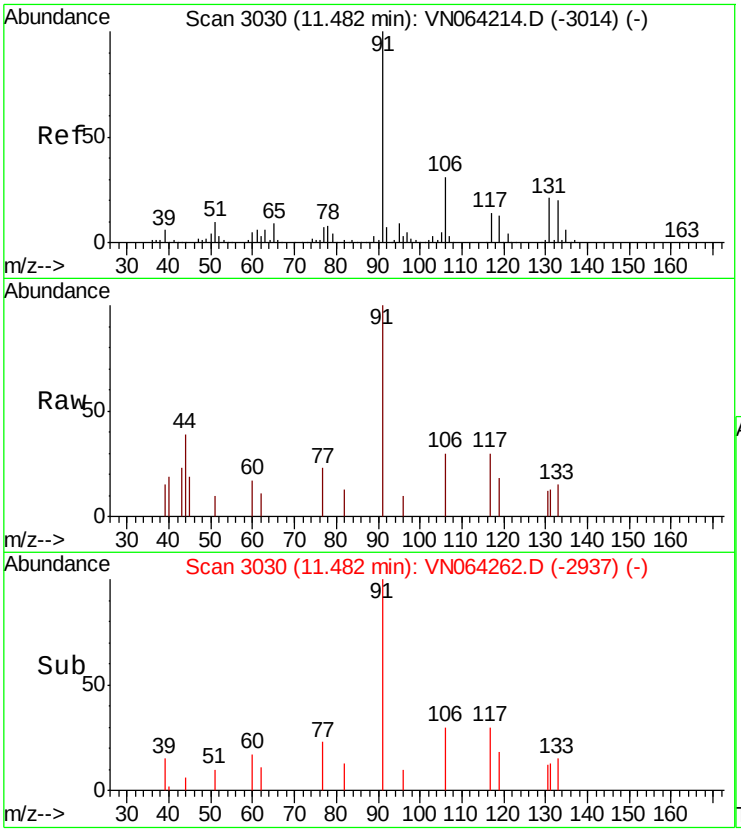


#65
Chlorobenzene
Concen: 0.240 ug/l
RT: 11.41 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:112 Resp: 1892

Ion	Ratio	Lower	Upper
112	100		
114	35.9	25.7	38.5



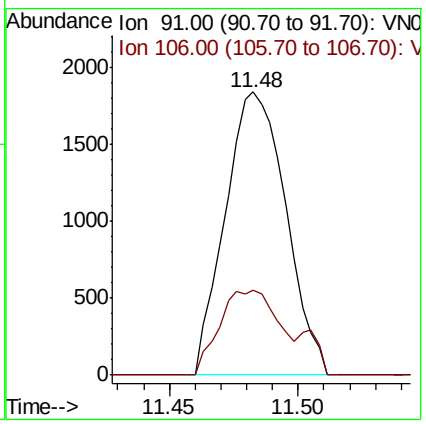


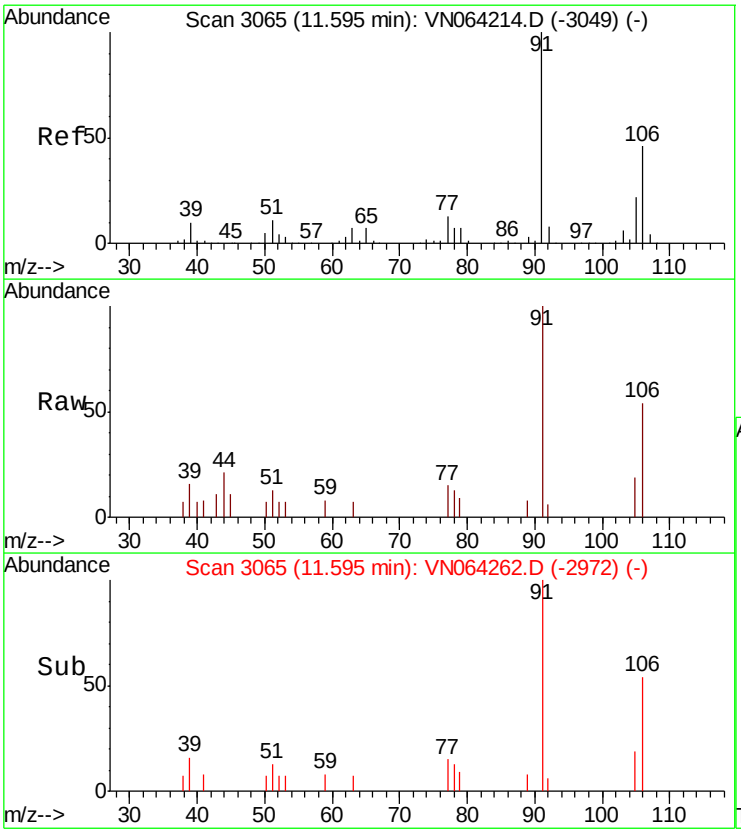
#67
Ethyl Benzene
Concen: 0.208 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 91 Resp: 3013

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.8	37.2

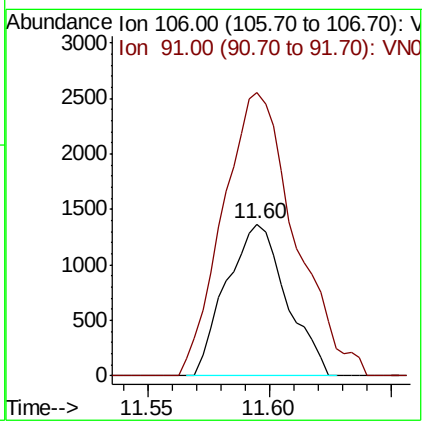


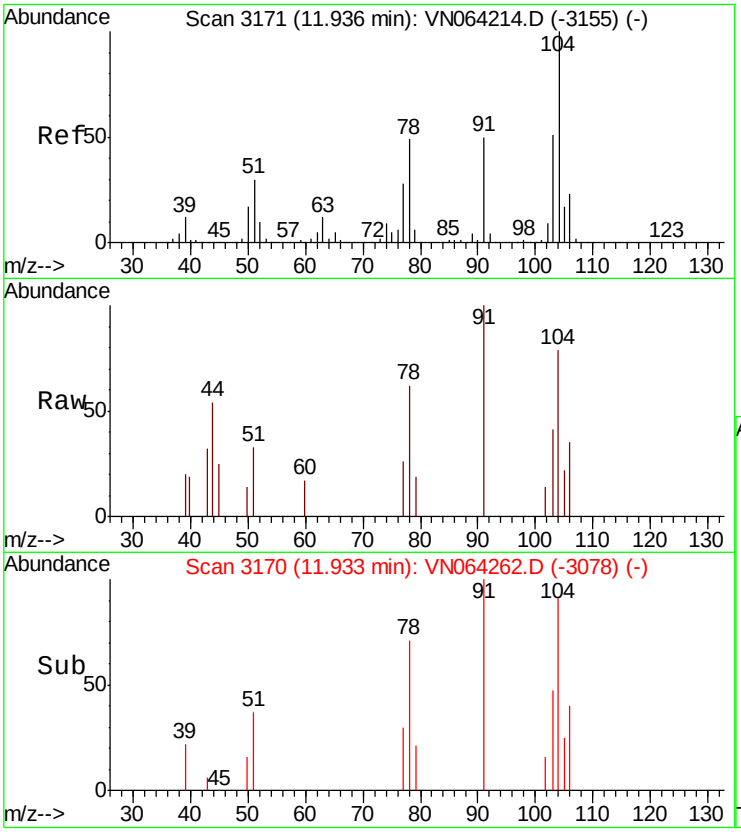


#68
m/p-Xylenes
Concen: 0.435 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:106 Resp: 2329

Ion	Ratio	Lower	Upper
106	100		
91	225.4	172.2	258.2



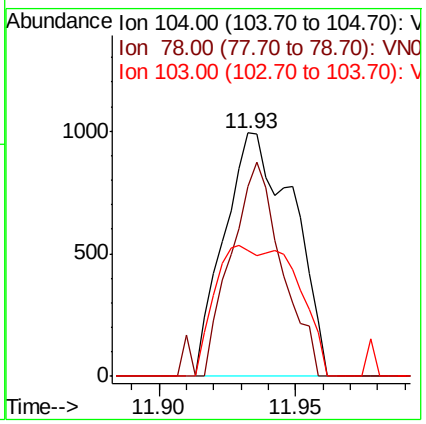


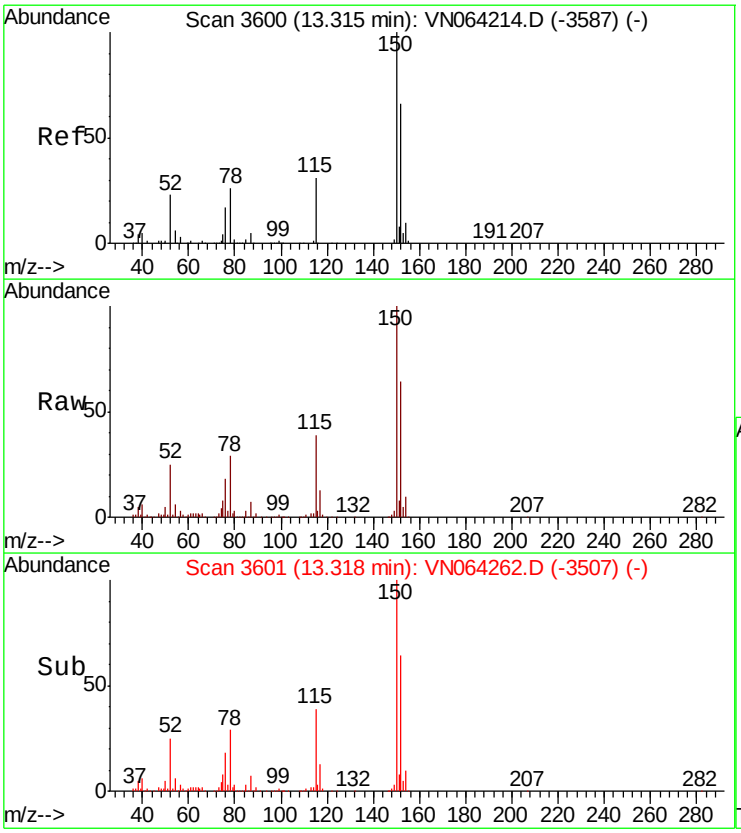
#70
Stvrene
Concen: 0.202 ug/l
RT: 11.93 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:104 Resp: 1756

Ion	Ratio	Lower	Upper
104	100		
78	63.8	43.8	65.6
103	33.3	43.4	65.2#

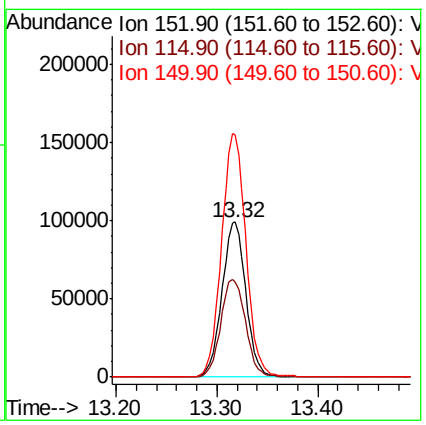


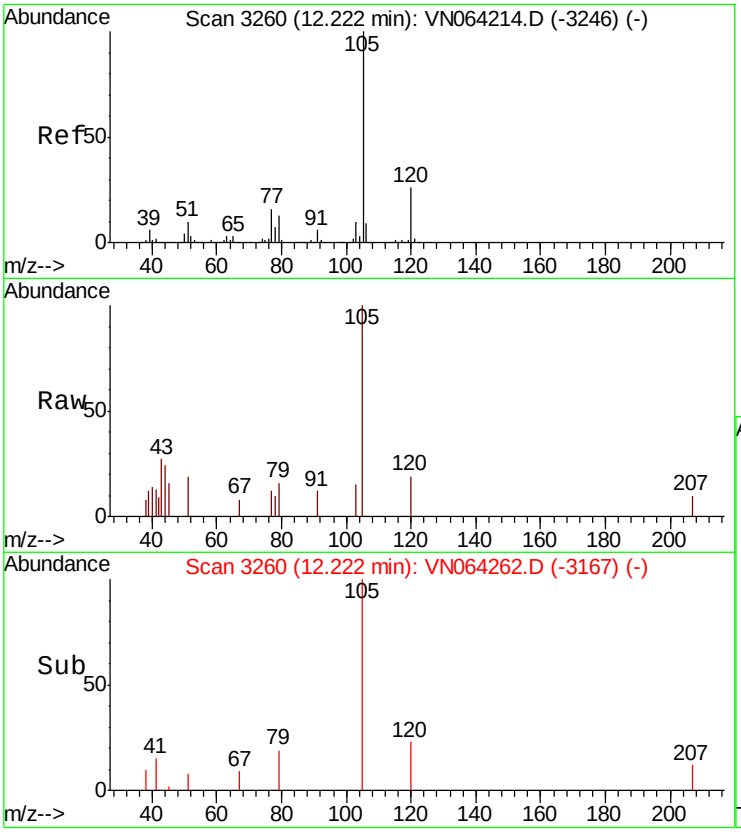


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:152 Resp: 165233

Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.0	96.2
150	159.2	0.0	356.6



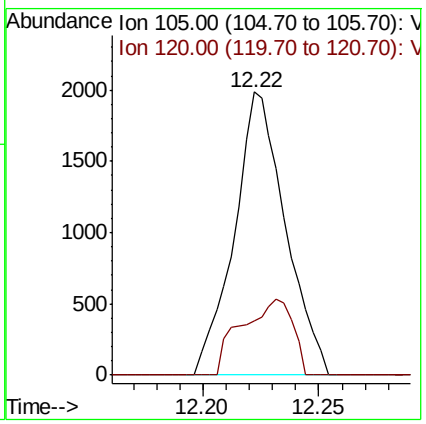


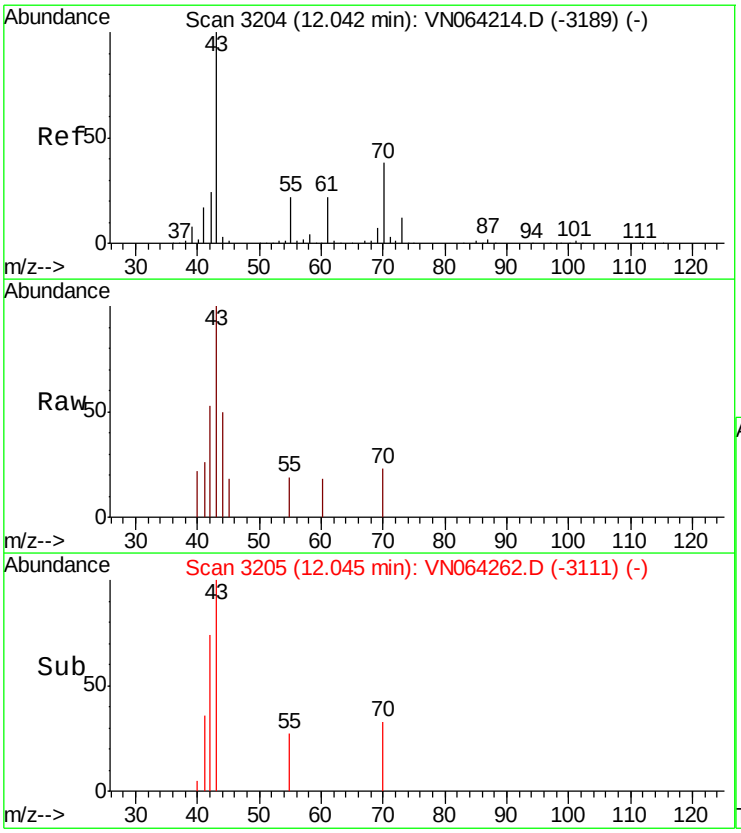
#73
Isopropylbenzene
Concen: 0.242 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:105 Resp: 3050

Ion	Ratio	Lower	Upper
105	100		
120	26.7	12.9	38.7

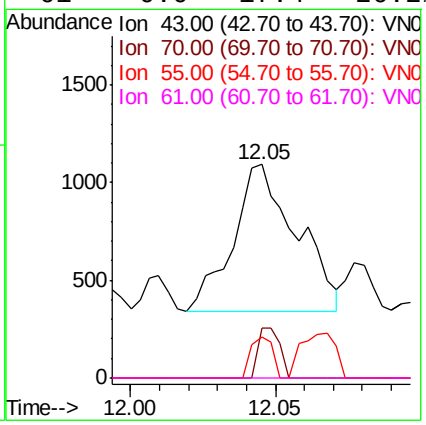


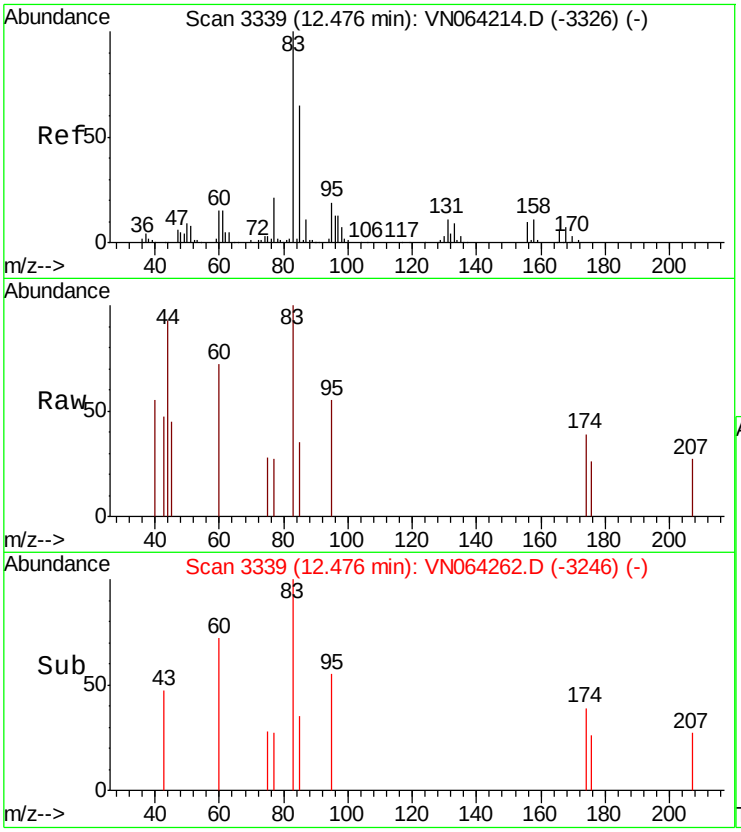


#74
N-amyl acetate
Concen: 0.211 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 43 Resp: 1148

Ion	Ratio	Lower	Upper
43	100		
70	11.6	30.2	45.4#
55	9.5	18.0	27.0#
61	0.0	17.4	26.2#



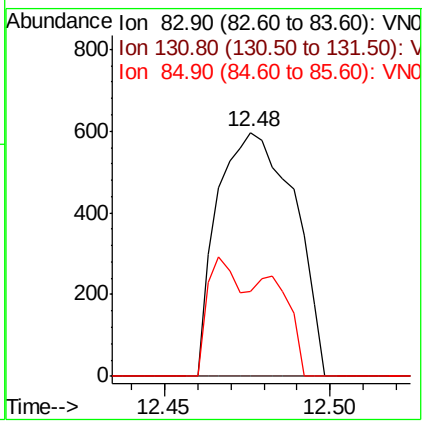


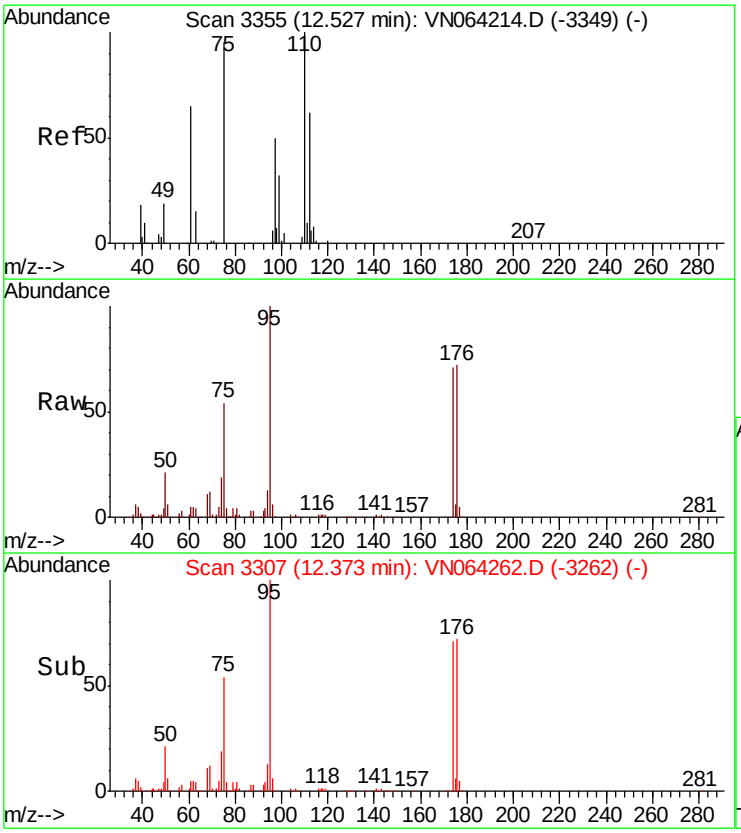
#75
1,1,2,2-Tetrachloroethane
Concen: 0.288 ug/l
RT: 12.48 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 83 Resp: 963

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7#
85	19.7	32.4	97.0#

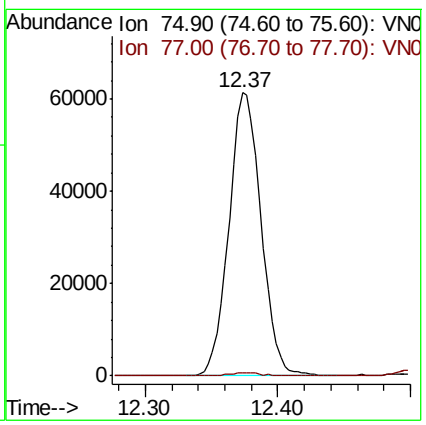


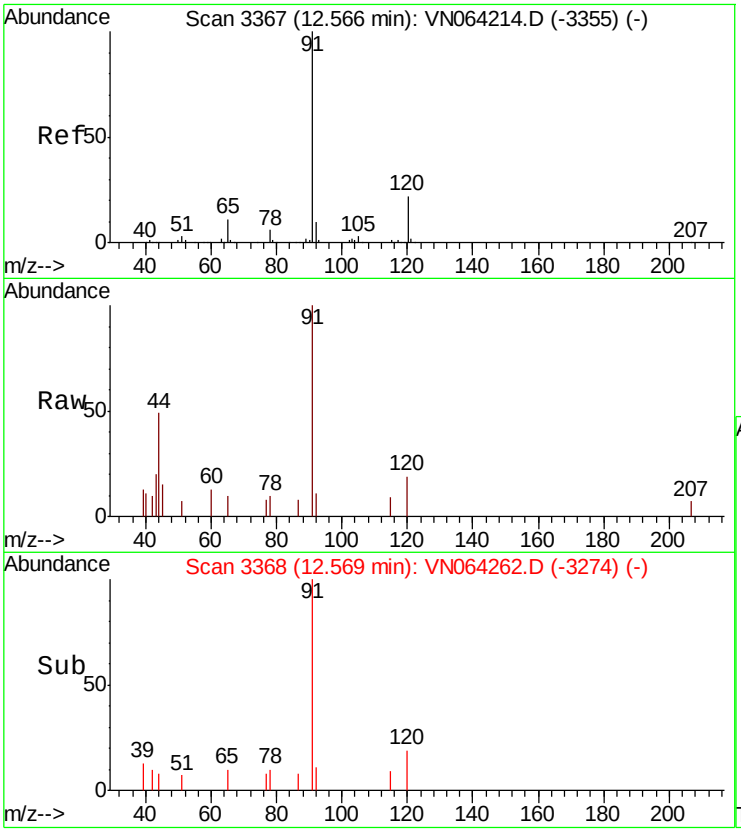


#76
1,2,3-Trichloropropane
Concen: 29.593 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 75 Resp: 103085

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



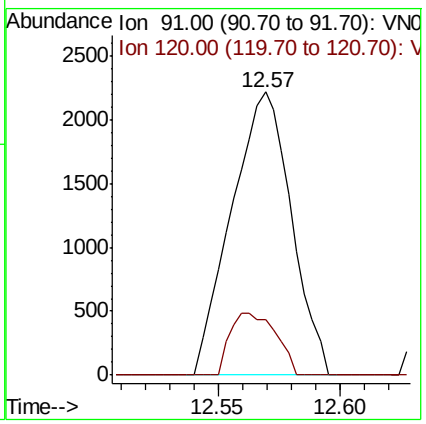


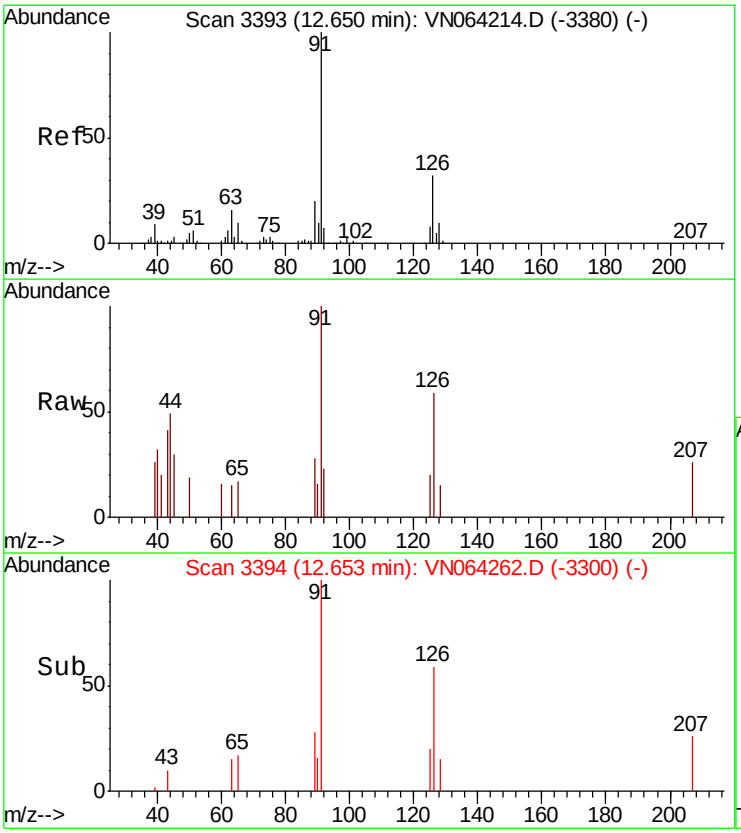
#78
n-propylbenzene
Concen: 0.265 ug/l
RT: 12.57 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 91 Resp: 3763

Ion	Ratio	Lower	Upper
91	100		
120	16.9	11.1	33.1

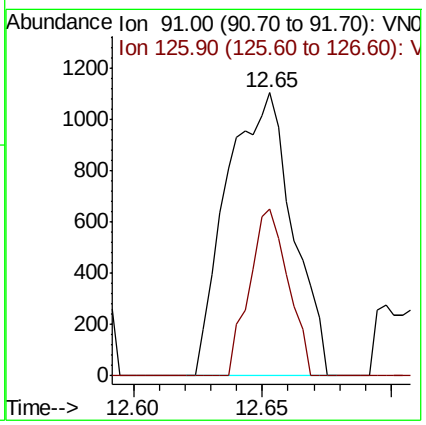


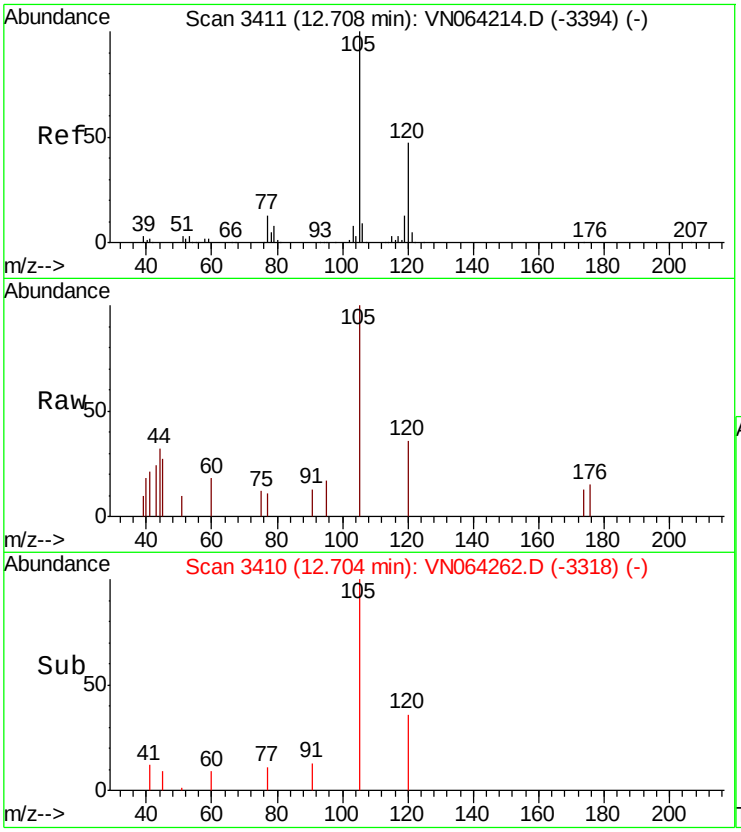


#79
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 12.65 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 91 Resp: 1964

Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.0	48.0



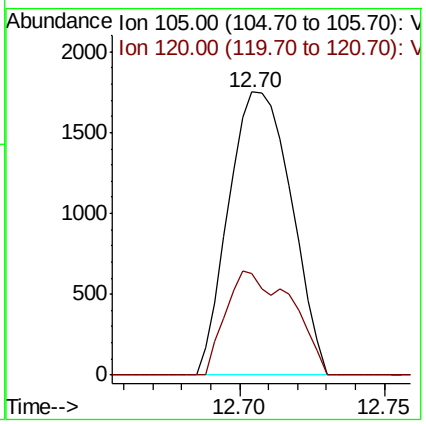


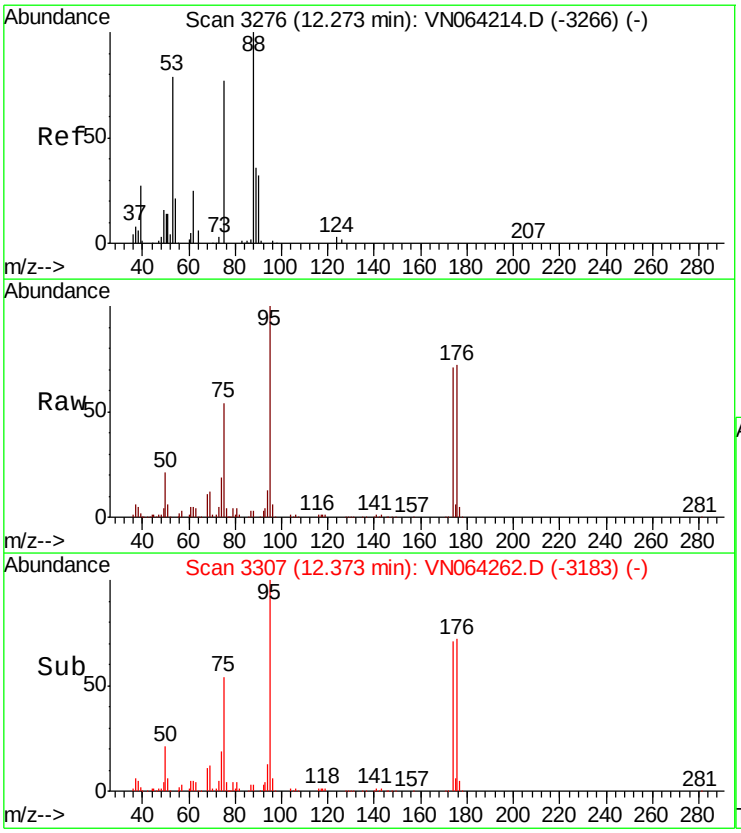
#80
1,3,5-Trimethylbenzene
Concen: 0.247 ug/l
RT: 12.70 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:105 Resp: 2630

Ion	Ratio	Lower	Upper
105	100		
120	38.5	23.4	70.0

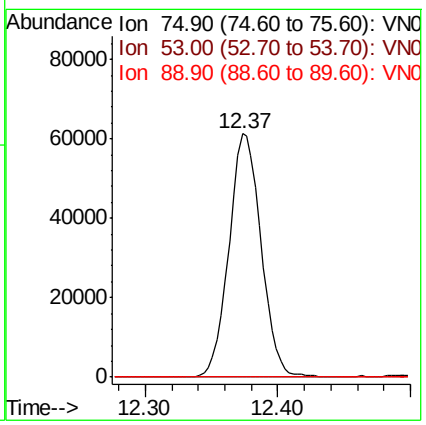


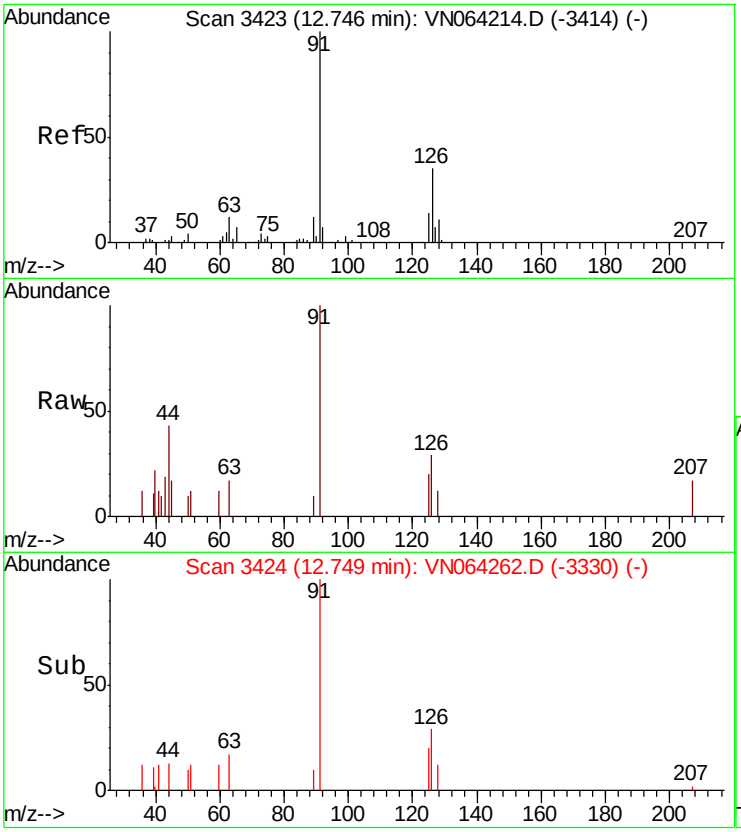


#81
trans-1,4-Dichloro-2-butene
Concen: 74.715 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 75 Resp: 103085

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.4#
89	0.0	38.7	58.1#



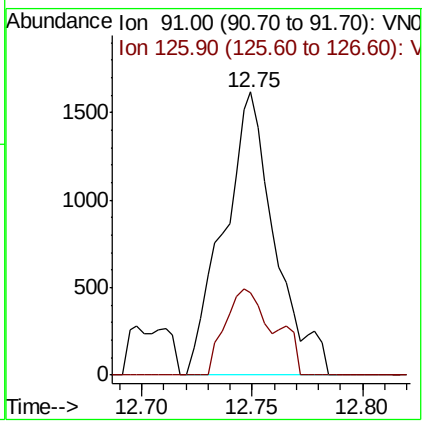


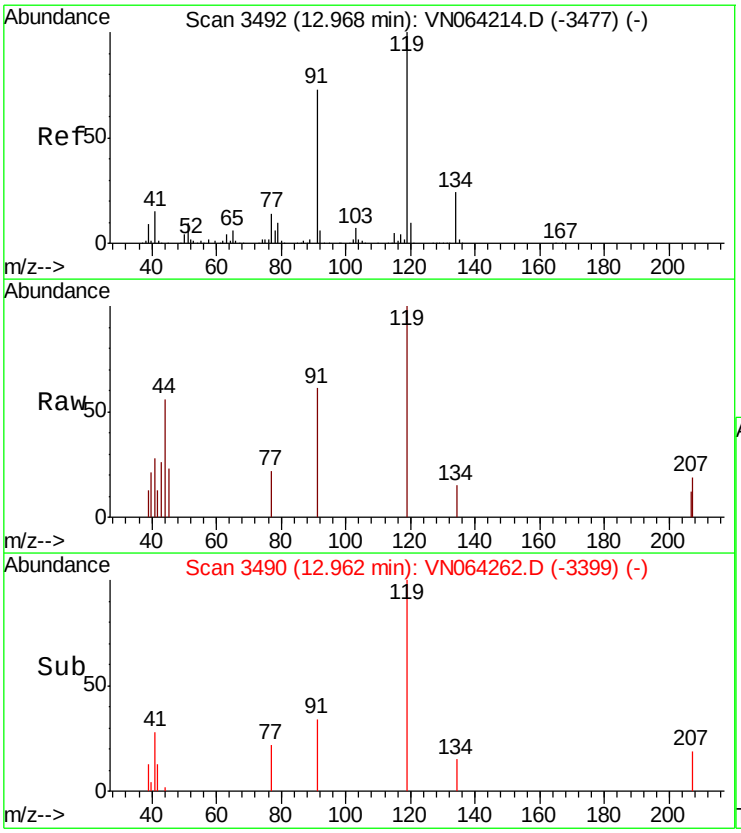
#82
4-Chlorotoluene
Concen: 0.285 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 91 Resp: 2598

Ion	Ratio	Lower	Upper
91	100		
126	23.2	15.8	47.3

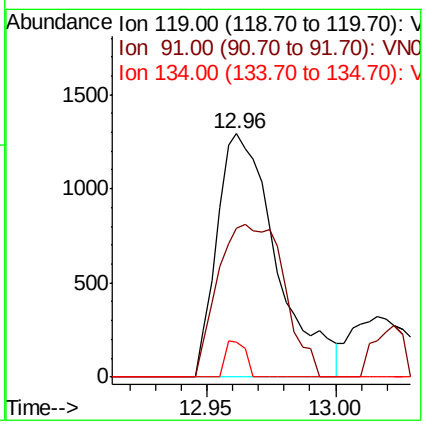


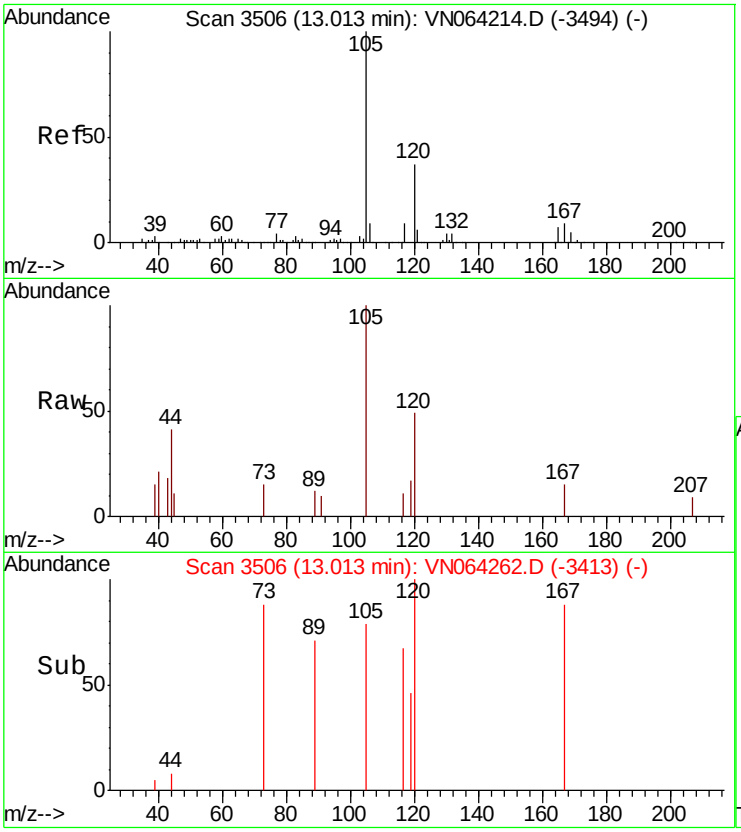


#83
tert-Butylbenzene
Concen: 0.238 ug/l
RT: 12.96 min Scan# 3490
Delta R.T. -0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:119 Resp: 2075

Ion	Ratio	Lower	Upper
119	100		
91	69.9	35.1	105.3
134	4.9	11.6	34.8#



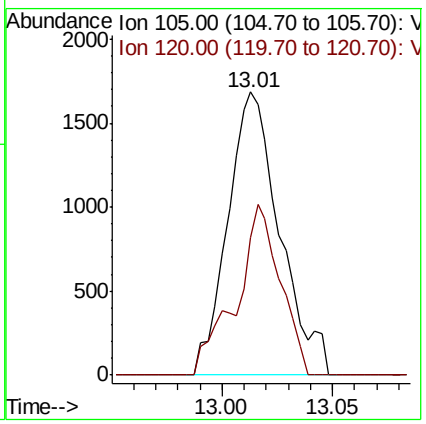


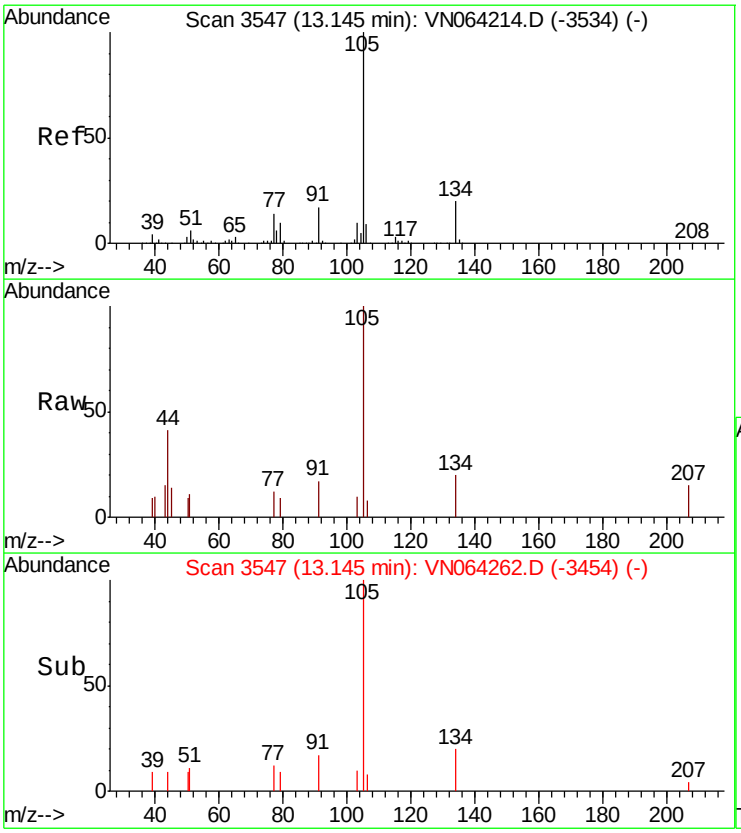
#84
1,2,4-Trimethylbenzene
Concen: 0.260 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:105 Resp: 2761

Ion	Ratio	Lower	Upper
105	100		
120	51.2	21.5	64.5

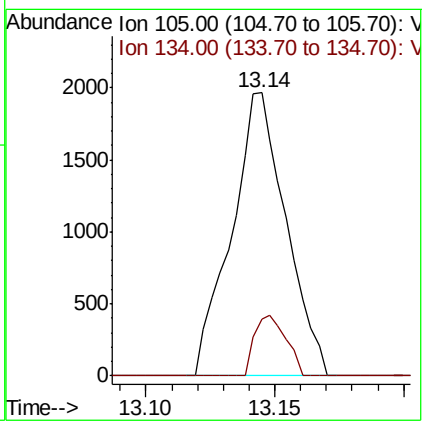


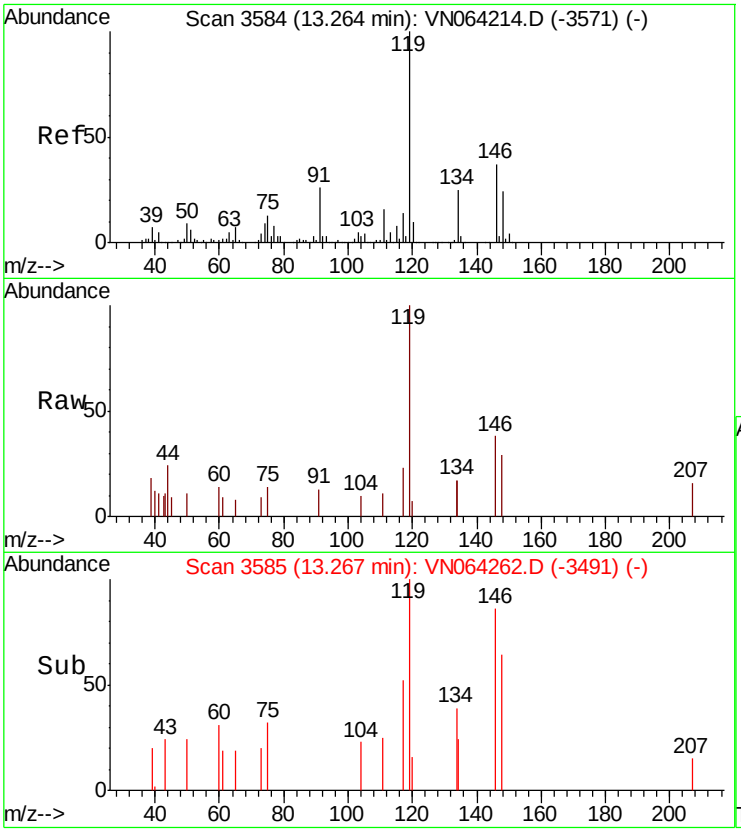


#85
sec-Butylbenzene
Concen: 0.262 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:105 Resp: 2890

Ion	Ratio	Lower	Upper
105	100		
134	12.5	9.7	29.1



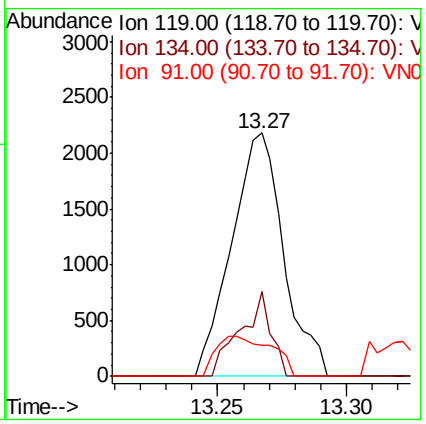


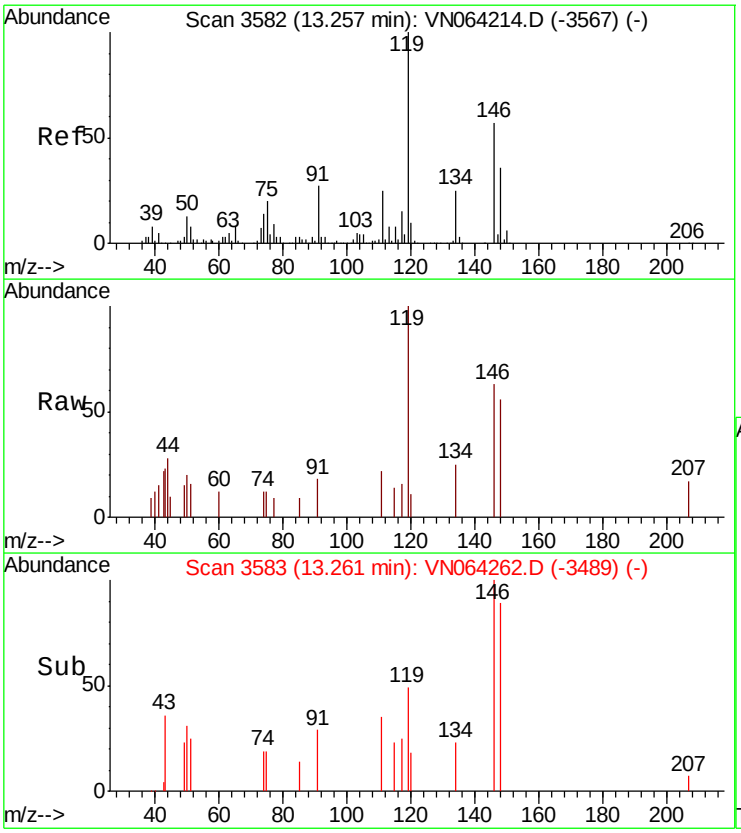
#86
p-Isopropyltoluene
Concen: 0.305 ug/l
RT: 13.27 min Scan# 3585
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:119 Resp: 3057

Ion	Ratio	Lower	Upper
119	100		
134	20.3	13.1	39.3
91	17.8	13.4	40.2

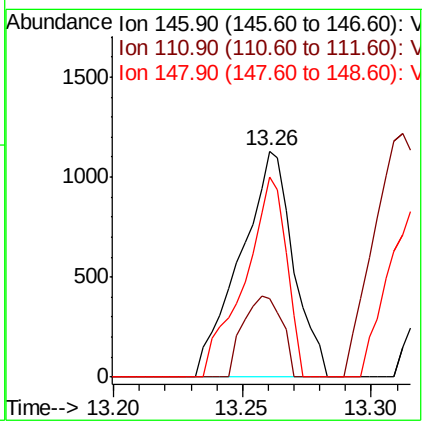


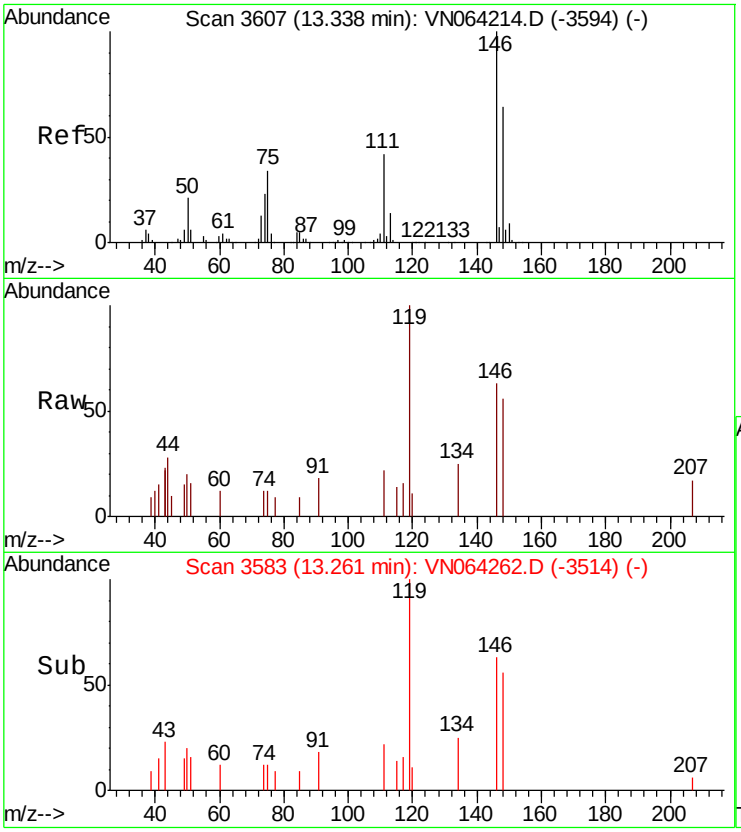


#87
1,3-Dichlorobenzene
Concen: 0.307 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:146 Resp: 1624

Ion	Ratio	Lower	Upper
146	100		
111	26.2	21.6	65.0
148	69.8	31.7	95.1



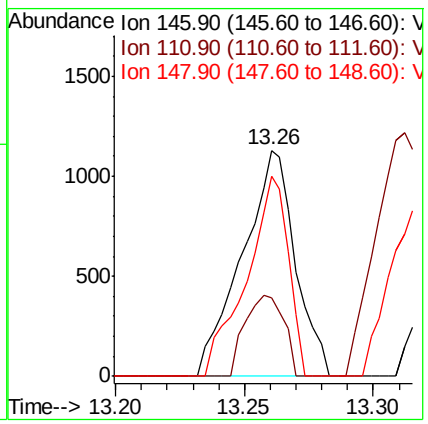


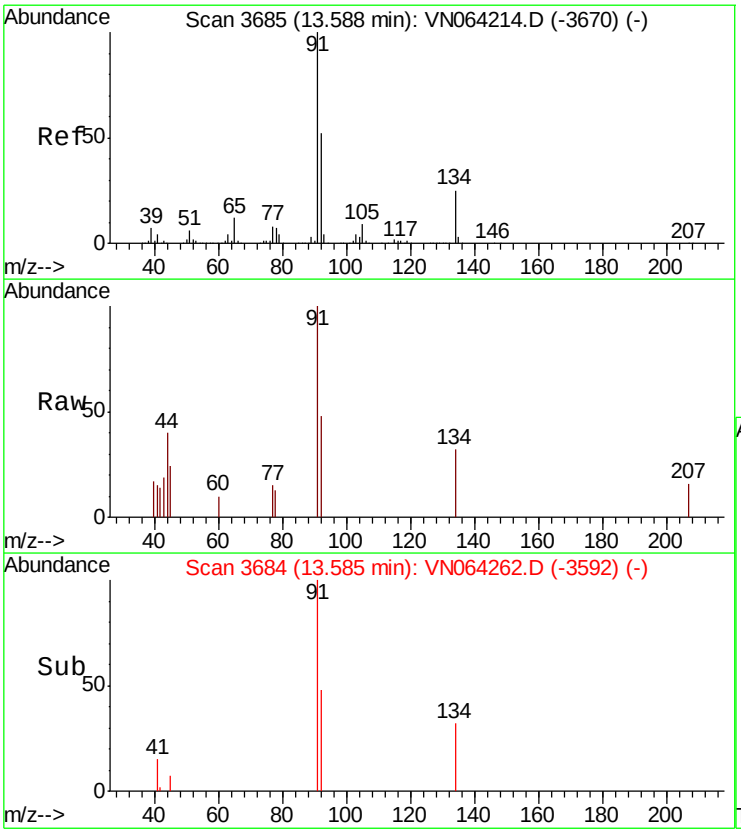
#88
1,4-Dichlorobenzene
Concen: 0.300 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. -0.08 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:146 Resp: 1624

Ion	Ratio	Lower	Upper
146	100		
111	26.2	21.5	64.5
148	69.8	32.0	96.0

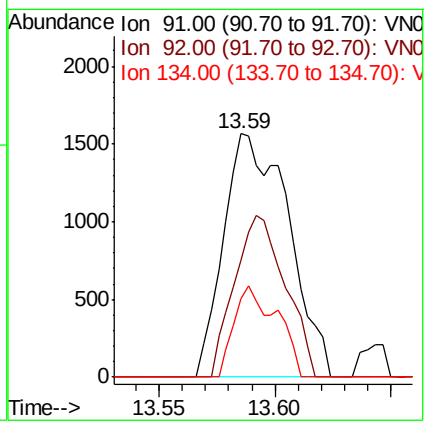


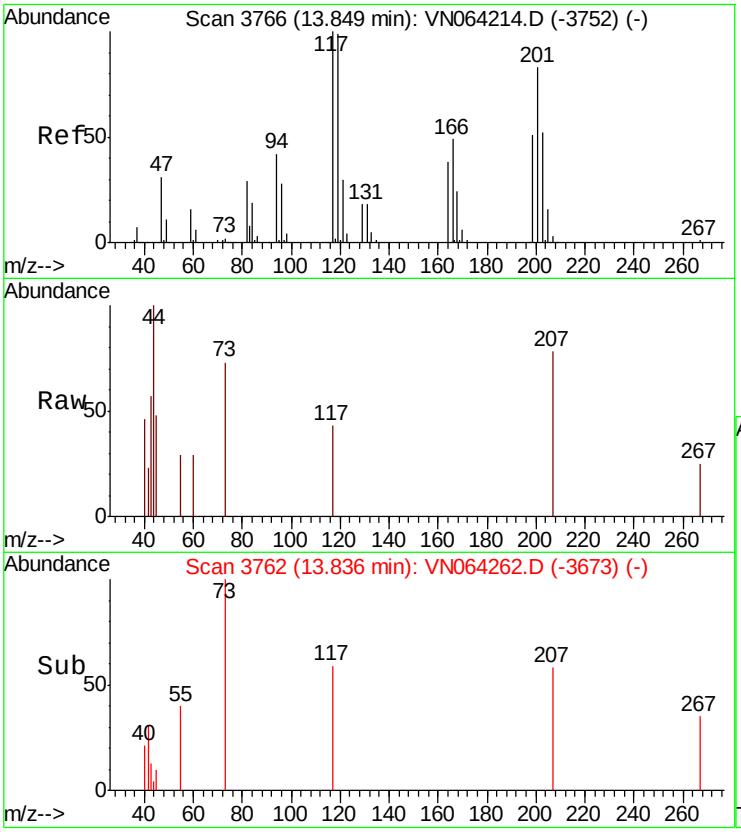


#89
n-Butylbenzene
Concen: 0.338 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion: 91 Resp: 3040

Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.7	77.0
134	24.5	12.3	36.8



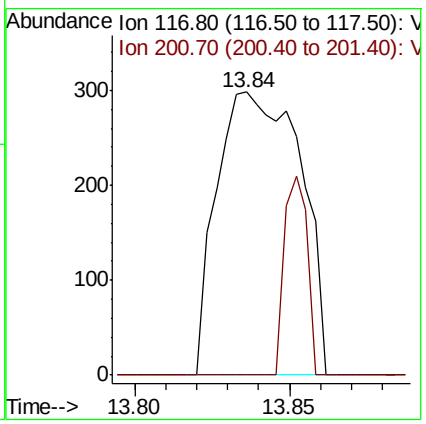


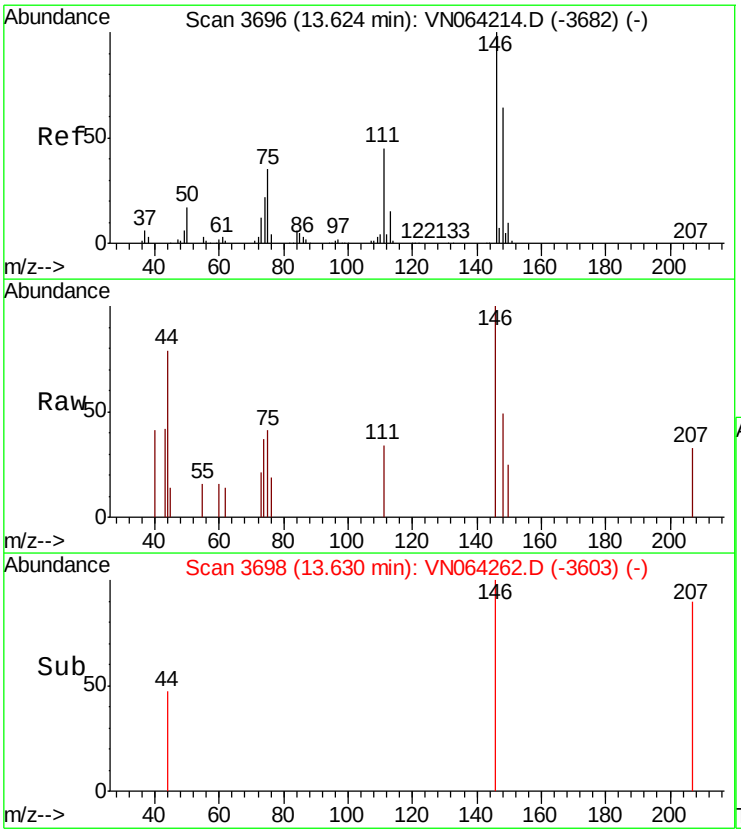
#90
Hexachloroethane
Concen: 0.309 ug/l
RT: 13.84 min Scan# 3762
Delta R.T. -0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:117 Resp: 561

Ion	Ratio	Lower	Upper
117	100		
201	19.3	40.1	120.3#

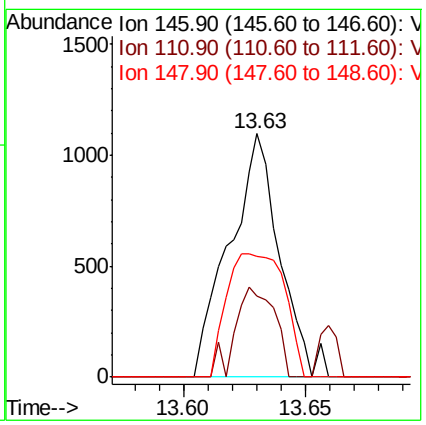


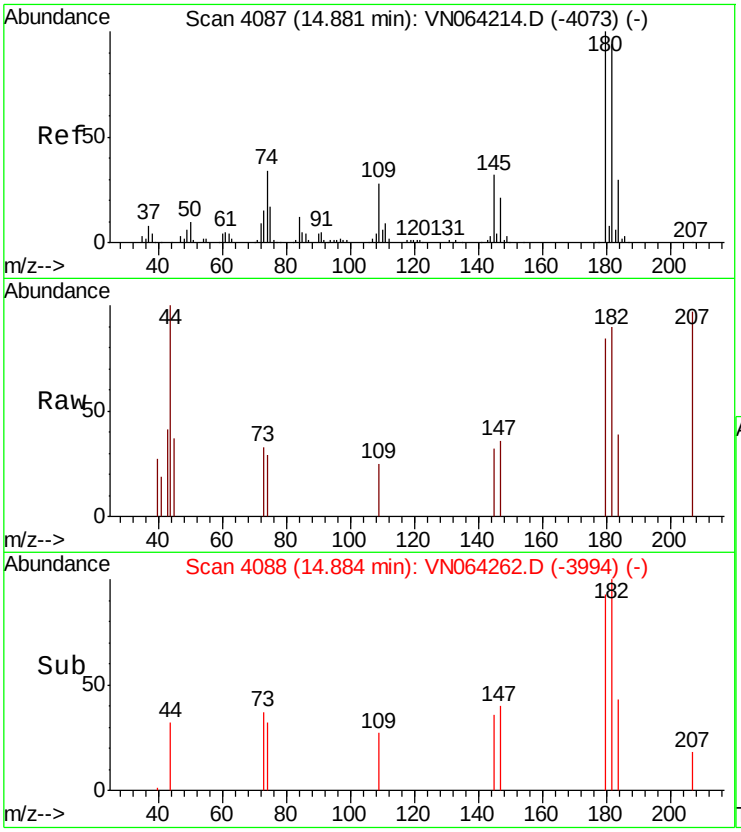


#91
1,2-Dichlorobenzene
Concen: 0.301 ug/l
RT: 13.63 min Scan# 3698
Delta R.T. 0.01 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:146 Resp: 1564

Ion	Ratio	Lower	Upper
146	100		
111	28.7	22.9	68.7
148	58.6	31.9	95.5



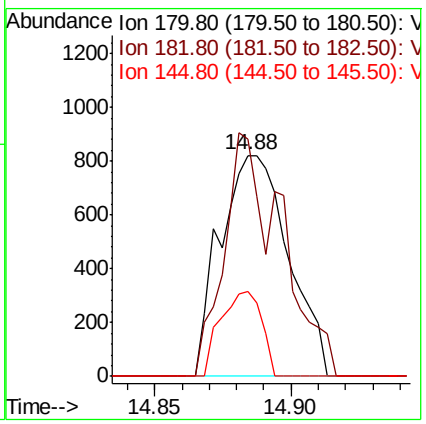


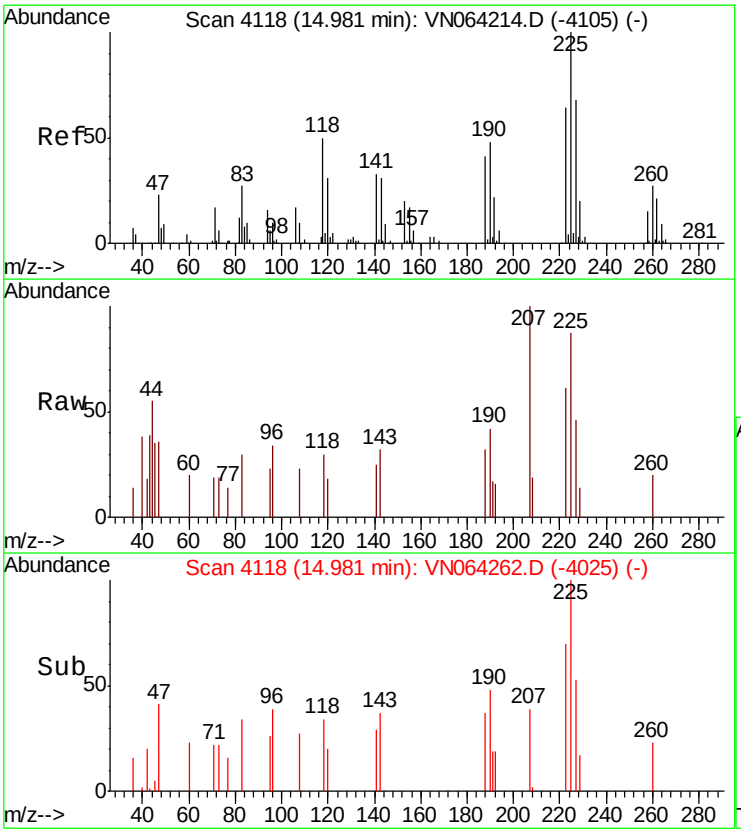
#93
1,2,4-Trichlorobenzene
Concen: 0.490 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:180 Resp: 1428

Ion	Ratio	Lower	Upper
180	100		
182	59.3	46.9	140.7
145	23.1	16.1	48.3

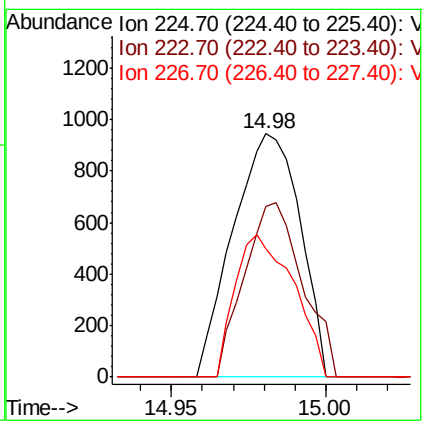


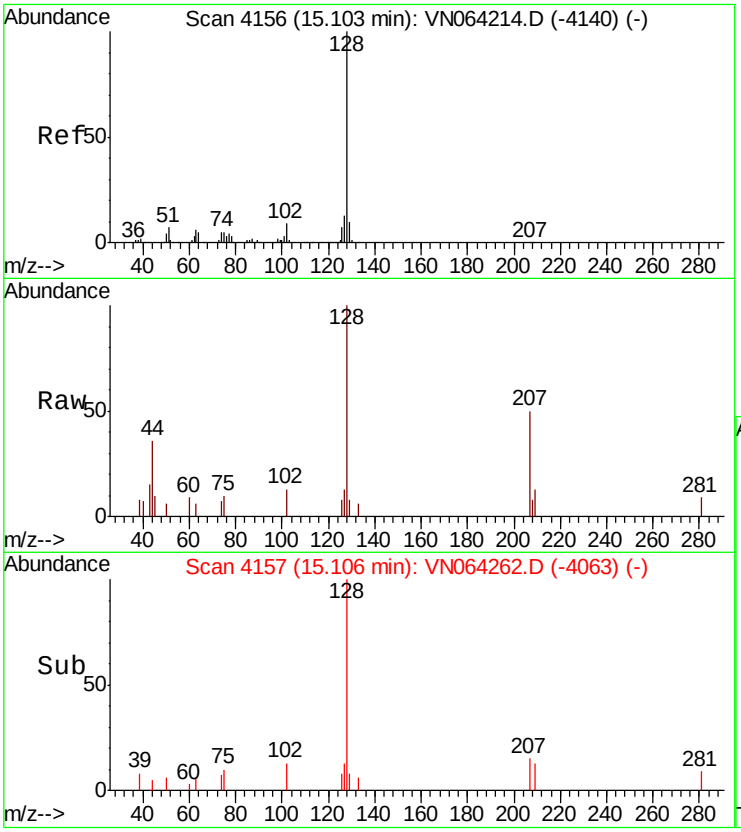


#94
Hexachlorobutadiene
Concen: 0.907 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:225 Resp: 1425

Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.5	94.5
227	51.1	32.1	96.5



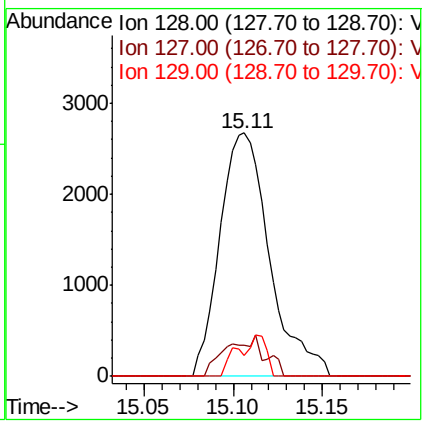


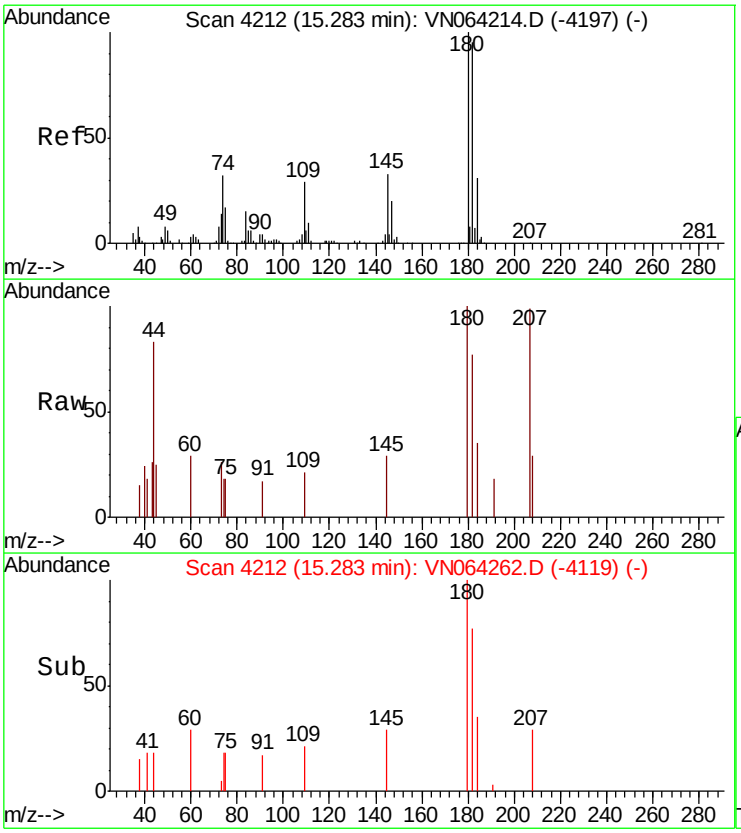
#95
Naphthalene
Concen: 0.594 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:128 Resp: 5181

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.5	15.7#
129	9.4	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.566 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064262.D
Acq: 22 Oct 2020 20:04

Tgt Ion:180 Resp: 1634

Ion	Ratio	Lower	Upper
180	100		
182	66.2	48.0	144.2
145	32.2	17.1	51.3