Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071319\
Data File : VN056687.D
Acq On : 12 Jul 2019 14:02
Operator : JC/SP
Sample : K3591-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT3-2019

Quant Time: Jul 13 00:09:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.19	128	53104	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.58	114	287305	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	240489	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	110453	30.71	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.37%				
60) 4-Bromofluorobenzene	12.40	95	97394	26.46	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.20%				
63) Toluene-d8	10.09	98	345191	31.41	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 104.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	5542	1.837	ug/l		97
3) Chloromethane	2.06	50	9655	2.392	ug/l		99
4) Vinyl Chloride	2.19	62	9334	2.351	ug/l		100
5) Bromomethane	2.55	94	6430	2.570	ug/l		83
6) Chloroethane	2.70	64	5478	2.415	ug/l	#	86
7) Trichlorofluoromethane	3.01	101	12079	2.373	ug/l		93
8) Diethyl Ether	3.41	74	5203	2.499	ug/l		93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	7649	2.409	ug/l		98
10) 1,1-Dichloroethene	3.73	96	7549	2.410	ug/l		92
11) Methyl Iodide	3.95	142	7686	1.847	ug/l		93
12) Methyl Acetate	4.33	43	15107	3.603	ug/l		95
13) Acrolein	3.61	56	4655	15.748	ug/l		99
14) Acrylonitrile	5.00	53	21843	11.827	ug/l	#	62
15) Acetone	3.82	58	3460	5.427	ug/l		96
16) Carbon Disulfide	4.05	76	18325	2.218	ug/l		96
17) Allyl chloride	4.32	41	12861	2.347	ug/l		98
18) Methylene Chloride	4.55	84	5056	1.375	ug/l		92
19) trans-1,2-Dichloroethene	5.04	96	4740	1.414	ug/l		85
20) Diisopropyl ether	5.95	45	26317	2.411	ug/l	#	89
21) 1,1-Dichloroethane	5.85	63	15860	2.543	ug/l		97
22) cis-1,2-Dichloroethene	6.83	96	9777	2.494	ug/l	#	87
23) tert-Butyl Alcohol	4.79	59	8341	12.947	ug/l	#	62
24) Methyl tert-Butyl Ether	5.04	73	11913	1.193	ug/l		99
25) Chloroform	7.37	83	16203	2.666	ug/l		98
26) Cyclohexane	7.65	56	13659	2.356	ug/l	#	94
29) 1,1-Dichloropropene	7.79	75	10532	2.306	ug/l		99
30) 2-Butanone	6.84	43	29550	11.176	ug/l	#	76
31) 2,2-Dichloropropane	6.82	77	10144	2.295	ug/l		96
32) 1,1,1-Trichloroethane	7.57	97	11668	2.397	ug/l	#	85
33) Carbon Tetrachloride	7.77	117	9203	2.197	ug/l		88
34) Benzene	8.04	78	35776	2.550	ug/l	#	37
35) Methacrylonitrile	7.22	41	18830	9.322	ug/l	#	52
36) 1,2-Dichloroethane	8.13	62	11746	2.606	ug/l	#	87
37) Trichloroethene	8.84	130	9196	2.413	ug/l		96
38) Methylcyclohexane	9.08	83	13316	2.308	ug/l		97
39) 1,2-Dichloropropane	9.12	63	9461	2.512	ug/l		97
40) Dibromomethane	9.21	93	5914	2.465	ug/l		100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071319\
Data File : VN056687.D
Acq On : 12 Jul 2019 14:02
Operator : JC/SP
Sample : K3591-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT3-2019

Quant Time: Jul 13 00:09:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Bromodichloromethane	9.40	83	10046	2.272 ug/l	96
42) Vinyl Acetate	5.90	43	93391	10.612 ug/l	98
43) Ethyl Acetate	6.93	43	10322	2.160 ug/l #	78
44) Isopropyl Acetate	8.17	43	17323	2.324 ug/l	97
45) 1,4-Dioxane	9.20	88	4030	53.451 ug/l	98
46) Methyl methacrylate	9.20	41	8527	2.382 ug/l	94
47) n-amyl Acetate	12.07	43	10924	1.792 ug/l	99
48) t-1,3-Dichloropropene	10.38	75	9742	2.003 ug/l	89
49) cis-1,3-Dichloropropene	9.84	75	11339	2.067 ug/l	93
50) 1,1,2-Trichloroethane	10.56	97	9001	2.575 ug/l	89
51) Ethyl methacrylate	10.43	69	11402	2.121 ug/l	96
52) 1,3-Dichloropropane	10.71	76	14863	2.541 ug/l	100
53) Dibromochloromethane	10.90	129	7516	2.128 ug/l	96
54) 1,2-Dibromoethane	11.00	107	8811	2.426 ug/l	95
55) 2-Chloroethyl vinyl ether	9.70	63	26577	10.223 ug/l	98
56) Bromoform	12.12	173	5382	2.058 ug/l #	90
58) 4-Methyl-2-Pentanone	9.99	43	59819	13.216 ug/l	97
59) 2-Hexanone	10.75	43	40223	11.707 ug/l	98
61) Tetrachloroethene	10.63	164	9728	2.815 ug/l	94
62) Toluene	10.15	91	37636	2.664 ug/l	98
64) Chlorobenzene	11.43	112	22066	2.561 ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	7781	2.464 ug/l	99
66) Ethyl Benzene	11.51	91	36877	2.415 ug/l	99
67) m/p-Xylenes	11.62	106	26450	4.590 ug/l	100
68) o-Xylene	11.95	106	13886	2.471 ug/l	93
69) Styrene	11.96	104	19420	2.085 ug/l	96
70) Isopropylbenzene	12.25	105	34677	2.354 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	12730	2.662 ug/l	95
72) 1,2,3-Trichloropropane	12.55	75	13446	3.290 ug/l	67
73) Bromobenzene	12.53	156	8692	2.258 ug/l	95
74) n-propylbenzene	12.59	91	36201	2.178 ug/l	99
75) 2-Chlorotoluene	12.67	91	23785	2.376 ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	27797	2.212 ug/l	97
77) t-1,4-Dichloro-2-butene	12.30	75	2272	1.672 ug/l	80
78) 4-Chlorotoluene	12.77	91	19175	1.975 ug/l	100
79) tert-butylbenzene	12.99	119	25276	2.365 ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	27221	2.184 ug/l	95
81) sec-Butylbenzene	13.17	105	30359	2.146 ug/l	99
82) p-Isopropyltoluene	13.29	119	27178	2.112 ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	11875	1.851 ug/l	95
84) 1,4-Dichlorobenzene	13.36	146	10827	1.760 ug/l	95
85) n-Butylbenzene	13.61	91	17648	1.663 ug/l	98
86) Hexachloroethane	13.87	117	4047	2.005 ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	13539	2.100 ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	1729	2.096 ug/l	86
89) 1,2,4-Trichlorobenzene	14.91	180	4455	1.285 ug/l	92
90) Hexachlorobutadiene	15.01	225	5287	2.345 ug/l	96
91) Naphthalene	15.13	128	10722	1.149 ug/l	97
92) 1,2,3-Trichlorobenzene	15.31	180	5570	1.532 ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071319\
Data File : VN056687.D
Acq On : 12 Jul 2019 14:02
Operator : JC/SP
Sample : K3591-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT3-2019

Quant Time: Jul 13 00:09:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration

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

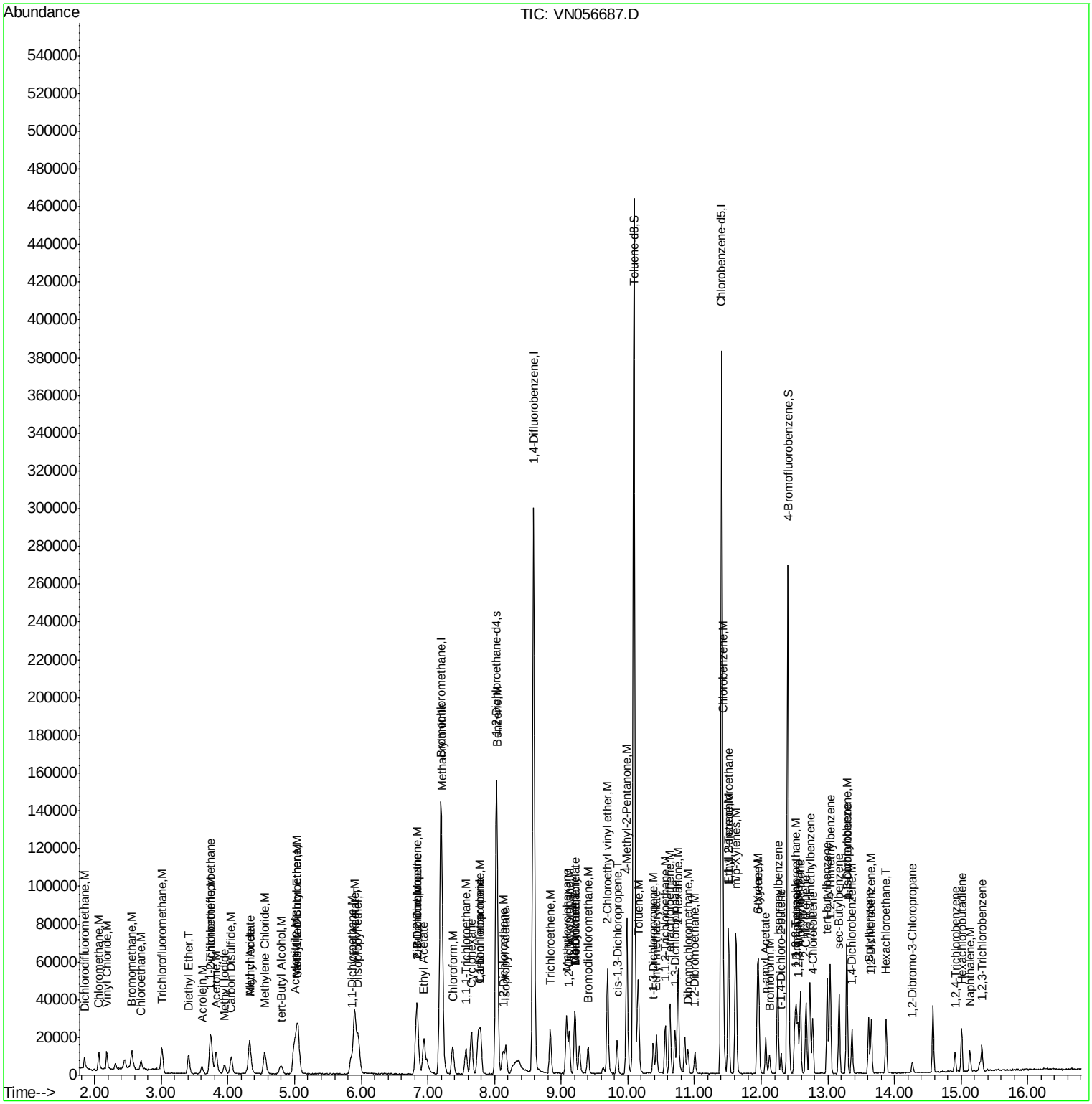
(#) = qualifier out of range (m) = manual integration (+) = signals summed

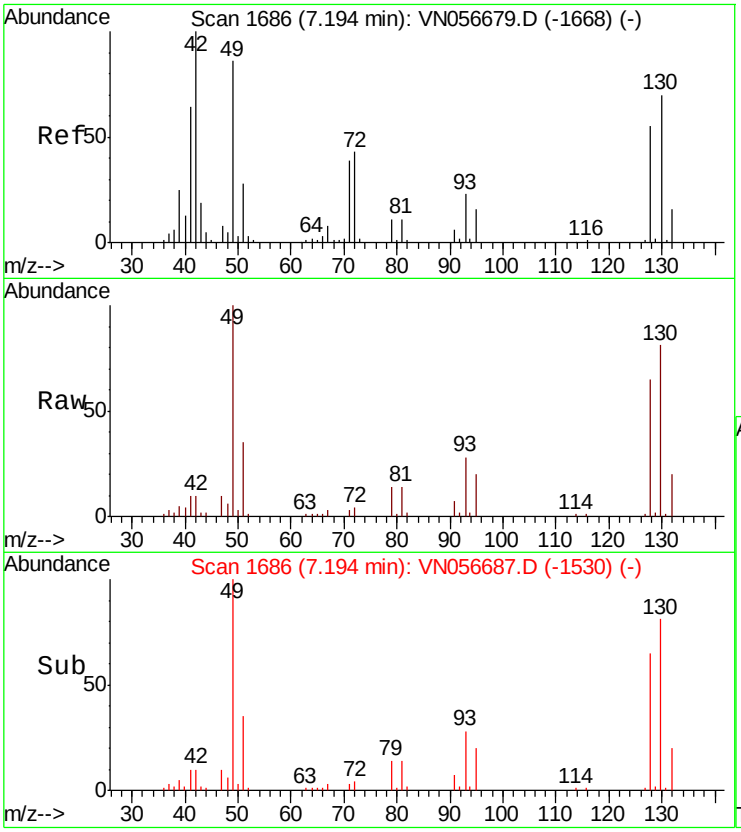
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071319\
Data File : VN056687.D
Acq On : 12 Jul 2019 14:02
Operator : JC/SP
Sample : K3591-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Quant Time: Jul 13 00:09:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration



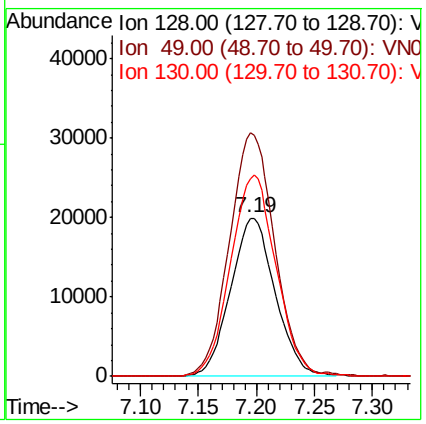


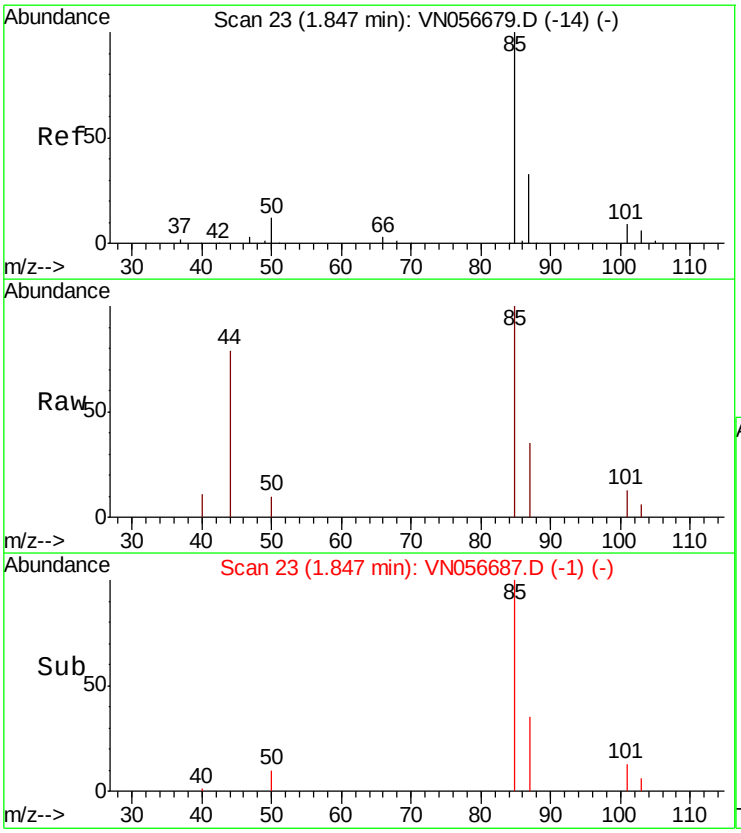
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:128 Resp: 53104

Ion	Ratio	Lower	Upper
128	100		
49	155.9	0.0	390.5
130	130.4	0.0	316.5

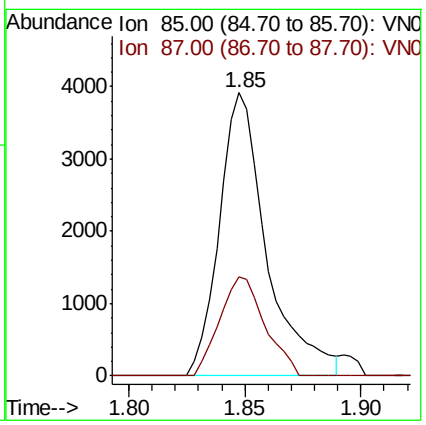


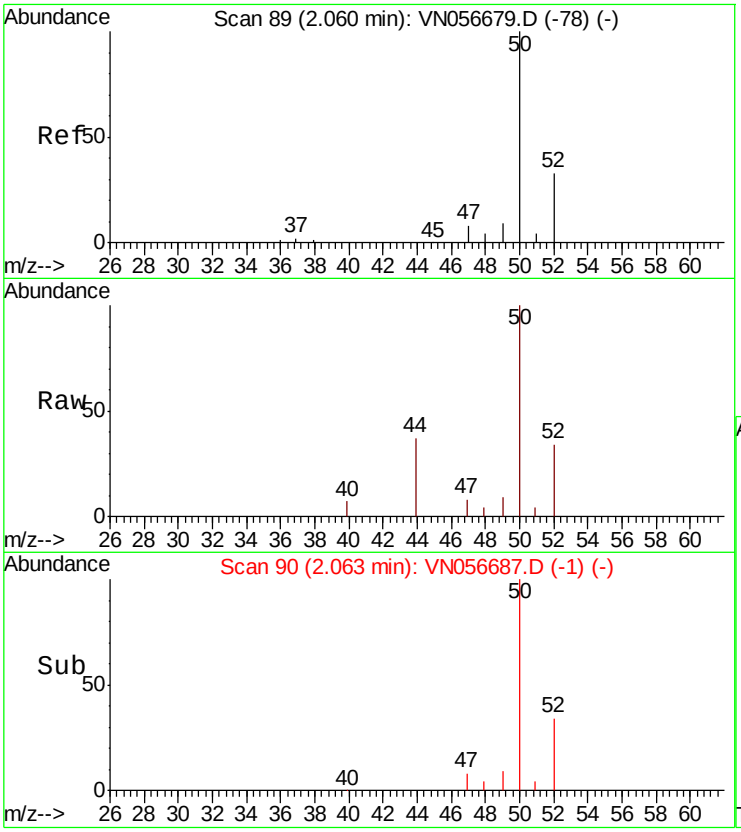


#2
Dichlorodifluoromethane
Concen: 1.837 ug/l
RT: 1.85 min Scan# 23
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 85 Resp: 5542

Ion	Ratio	Lower	Upper
85	100		
87	35.1	16.8	50.3



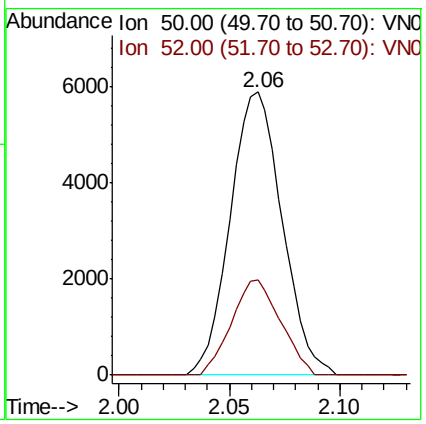


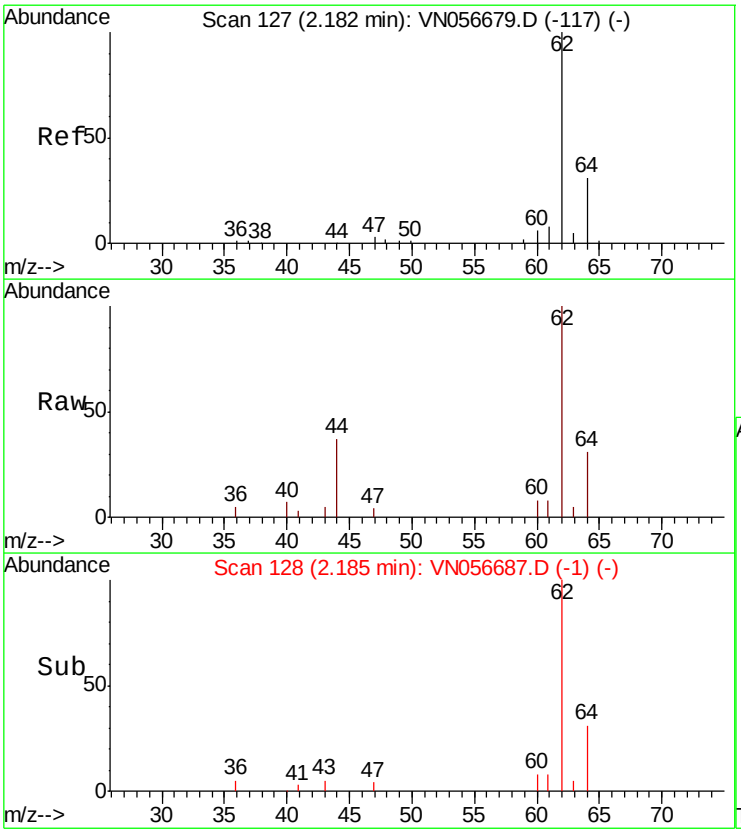
#3
Chloromethane
Concen: 2.392 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 50 Resp: 9655

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.5	39.7

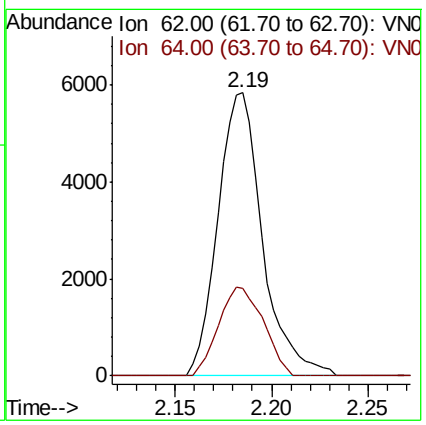


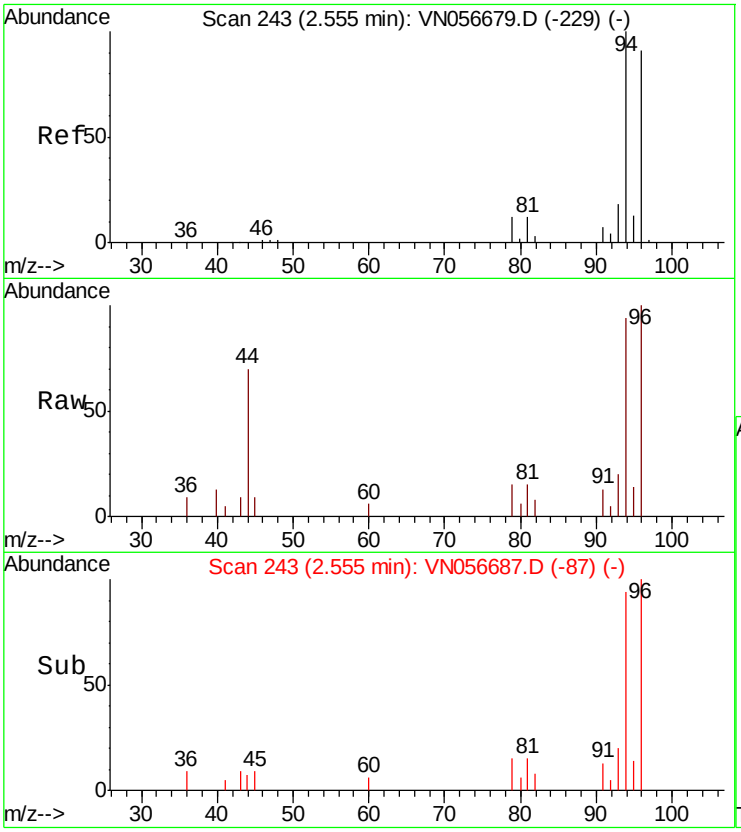


#4
Vinyl Chloride
Concen: 2.351 ug/l
RT: 2.19 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 62 Resp: 9334

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.0	37.4



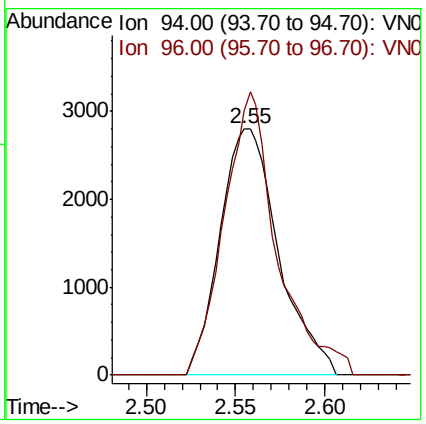


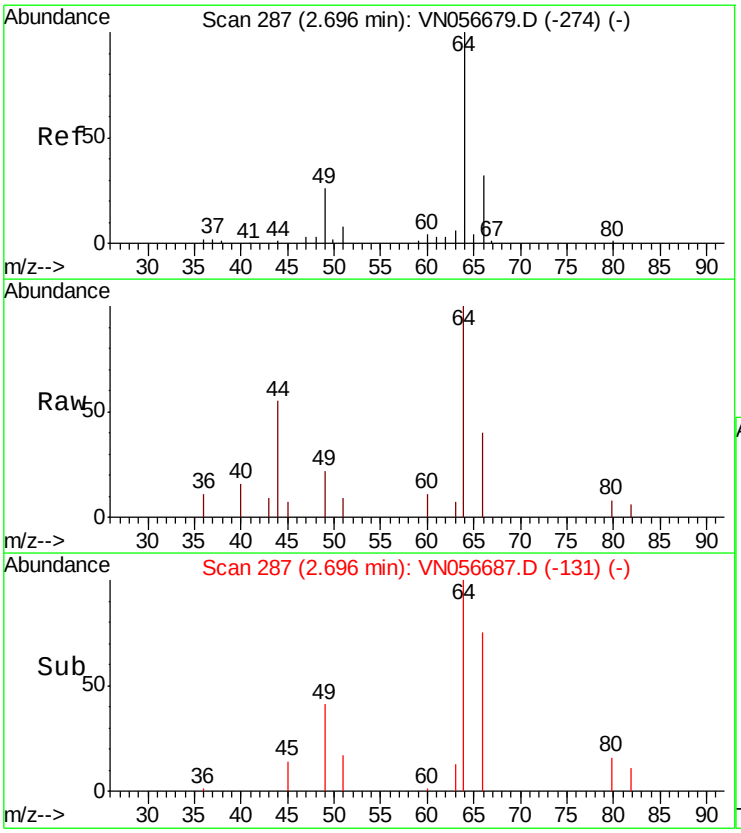
#5
Bromomethane
Concen: 2.570 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 94 Resp: 6430

Ion	Ratio	Lower	Upper
94	100		
96	106.8	72.8	109.2

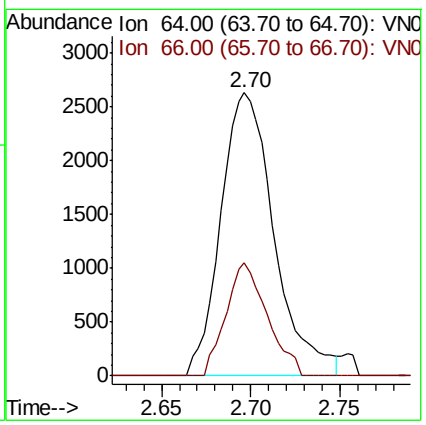


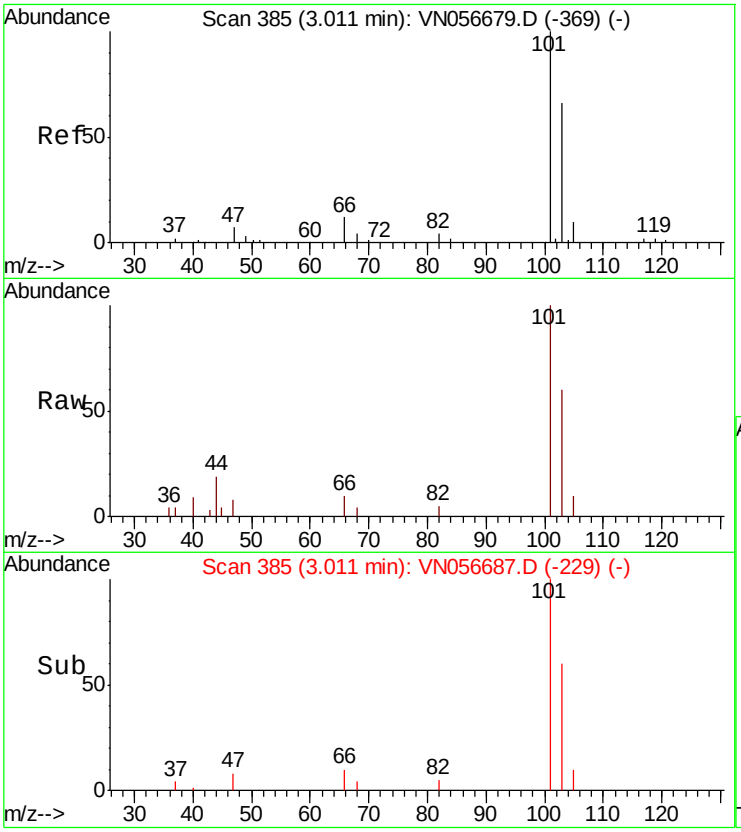


#6
Chloroethane
Concen: 2.415 ug/l
RT: 2.70 min Scan# 287
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 64 Resp: 5478

Ion	Ratio	Lower	Upper
64	100		
66	40.2	25.7	38.5#



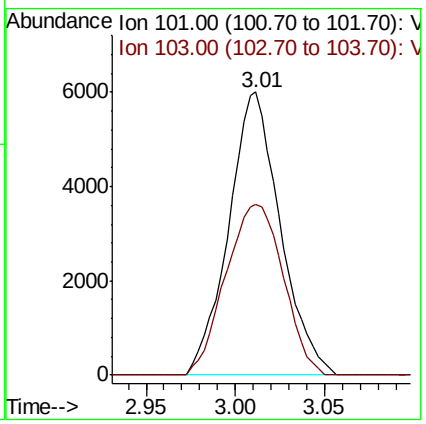


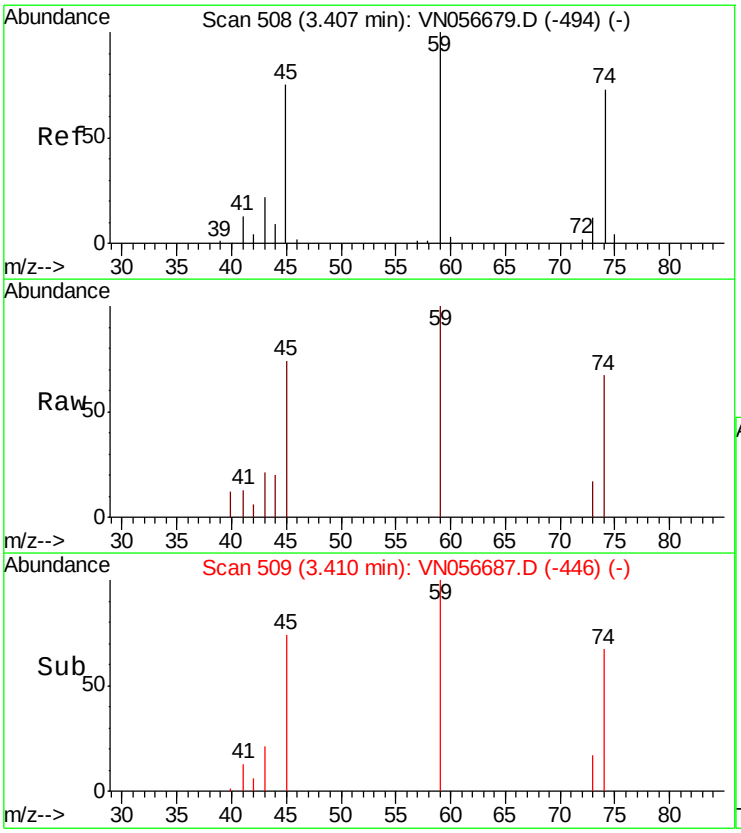
#7
Trichlorofluoromethane
Concen: 2.373 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:101 Resp: 12079

Ion	Ratio	Lower	Upper
101	100		
103	60.5	52.8	79.2

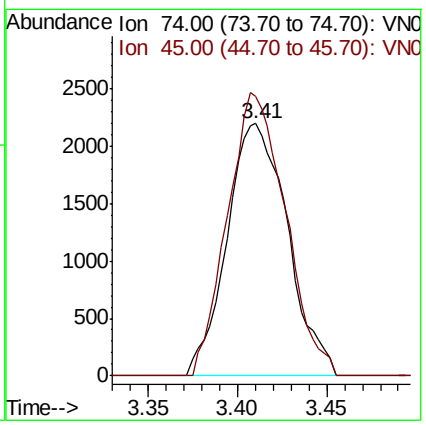


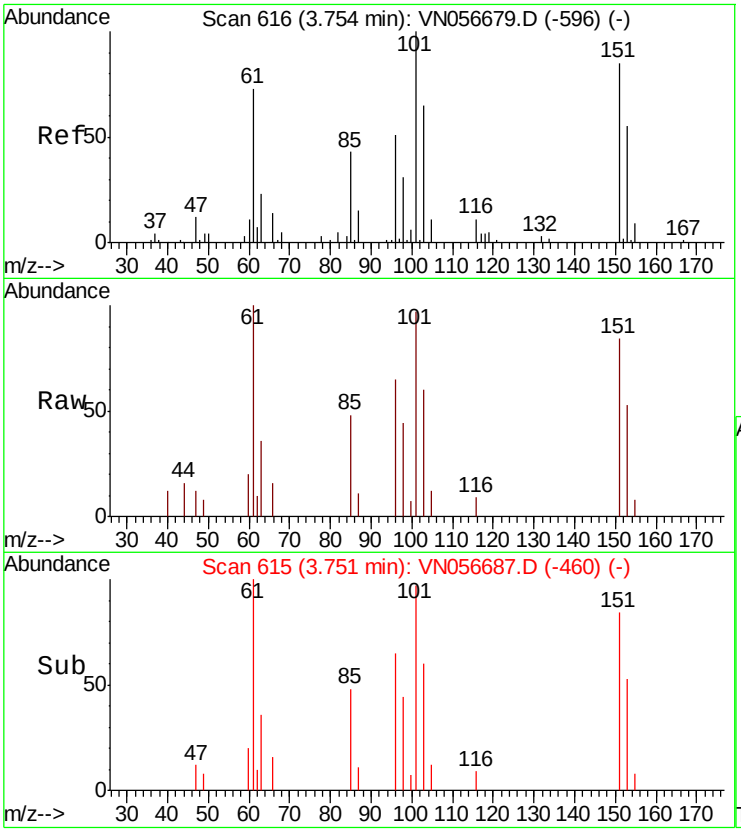


#8
Diethyl Ether
Concen: 2.499 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 74 Resp: 5203

Ion	Ratio	Lower	Upper
74	100		
45	107.1	19.9	179.5



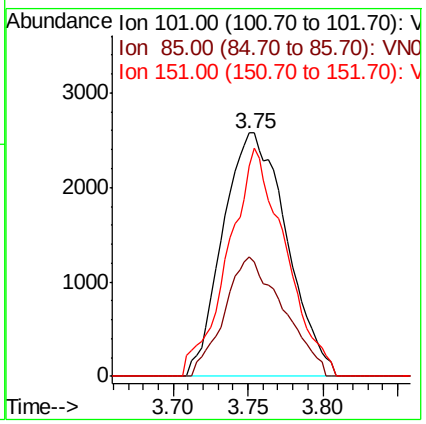


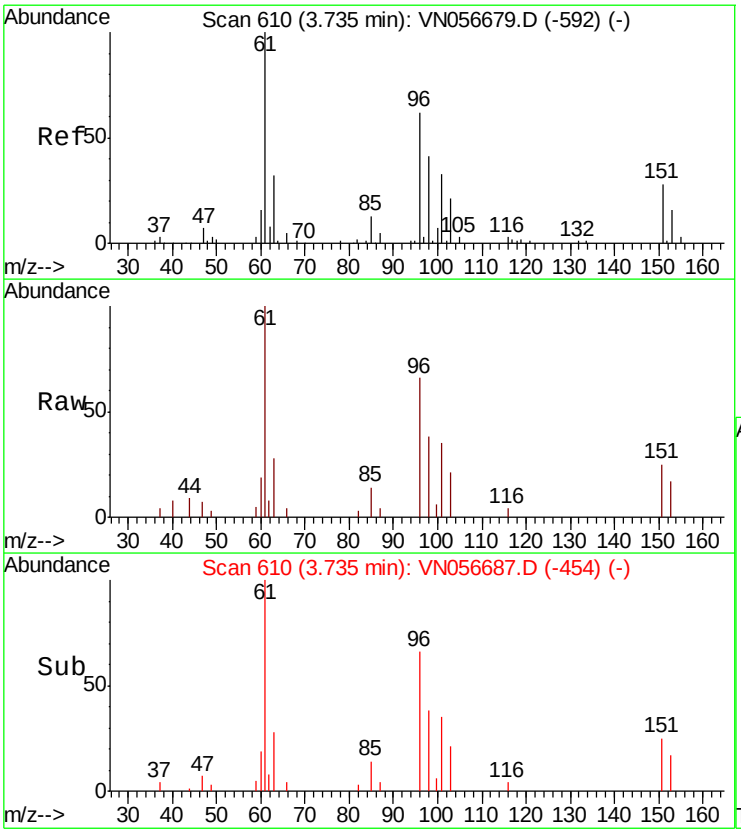
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.409 ug/l
RT: 3.75 min Scan# 615
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:101 Resp: 7649

Ion	Ratio	Lower	Upper
101	100		
85	45.3	0.0	84.2
151	84.2	0.0	167.6

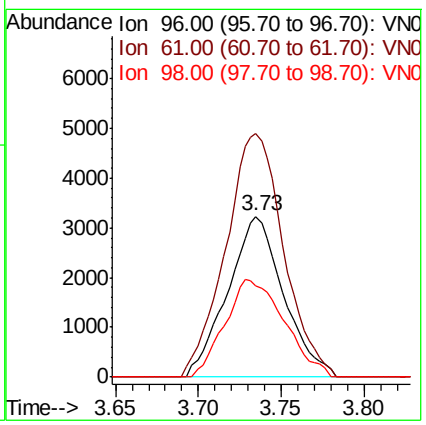


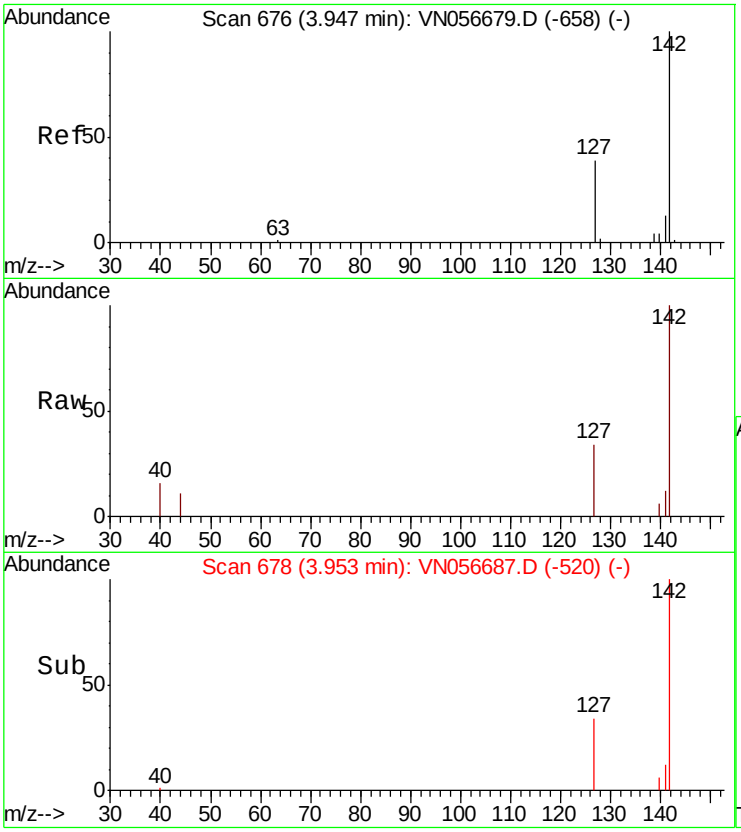


#10
1,1-Dichloroethene
Concen: 2.410 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 96 Resp: 7549

Ion	Ratio	Lower	Upper
96	100		
61	151.7	129.0	193.4
98	57.1	52.5	78.7



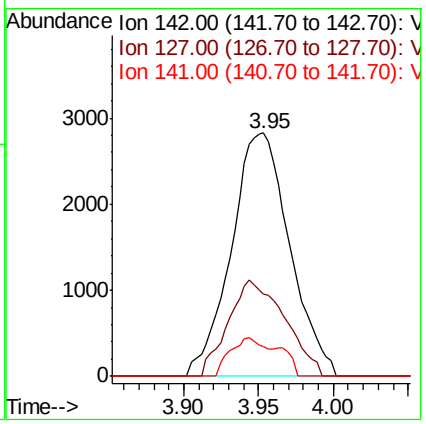


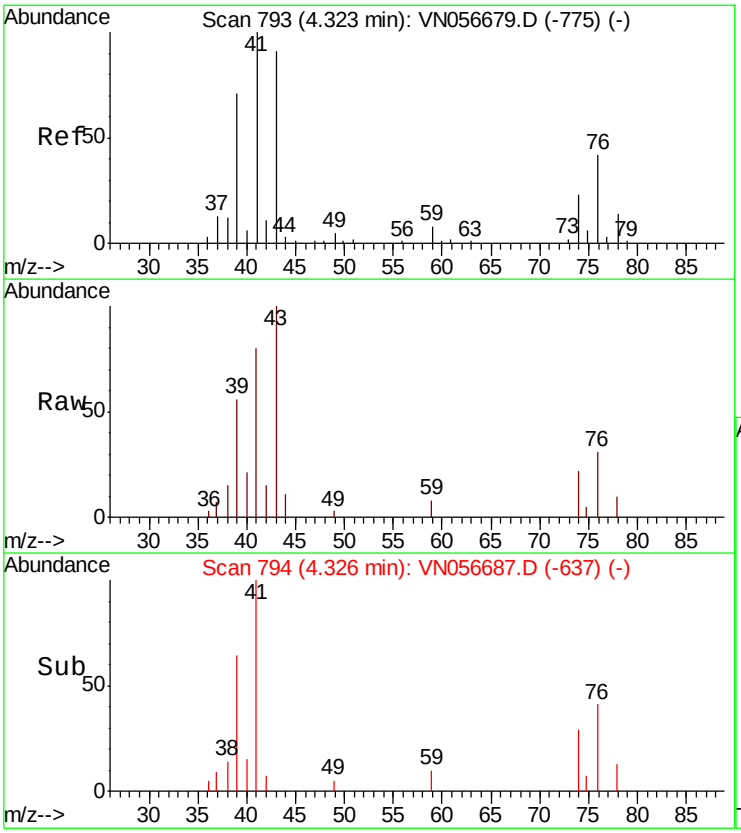
#11
Methyl Iodide
Concen: 1.847 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:142 Resp: 7686

Ion	Ratio	Lower	Upper
142	100		
127	34.1	19.5	58.5
141	12.0	6.8	20.3

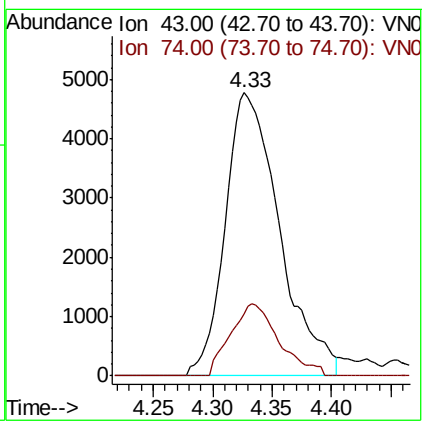


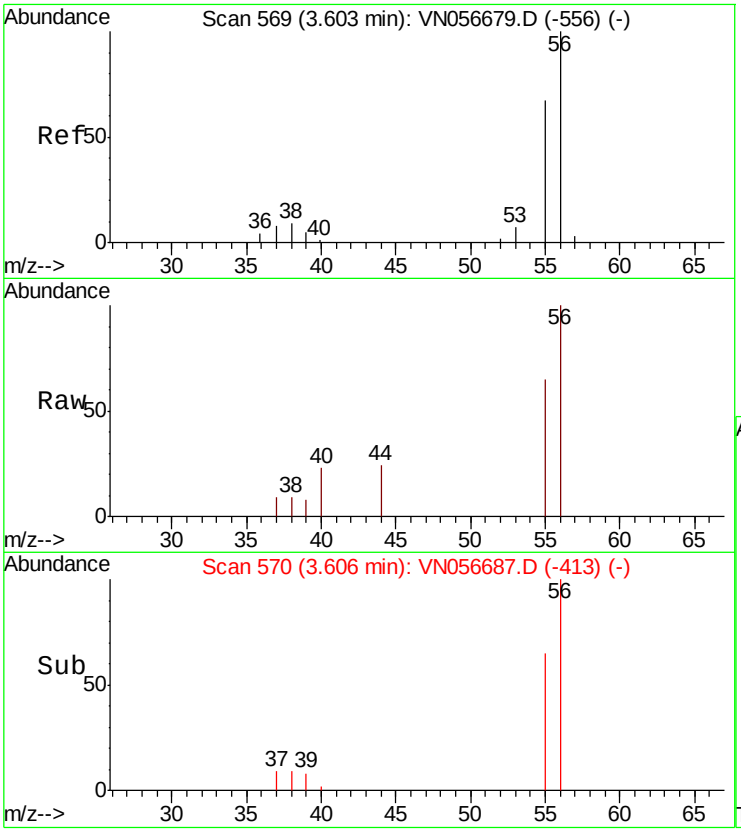


#12
Methyl Acetate
Concen: 3.603 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 15107

Ion	Ratio	Lower	Upper
43	100		
74	22.8	20.2	30.4



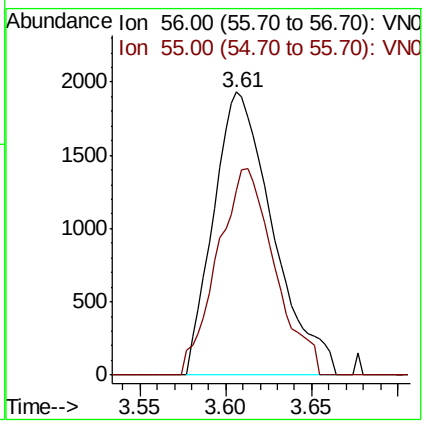


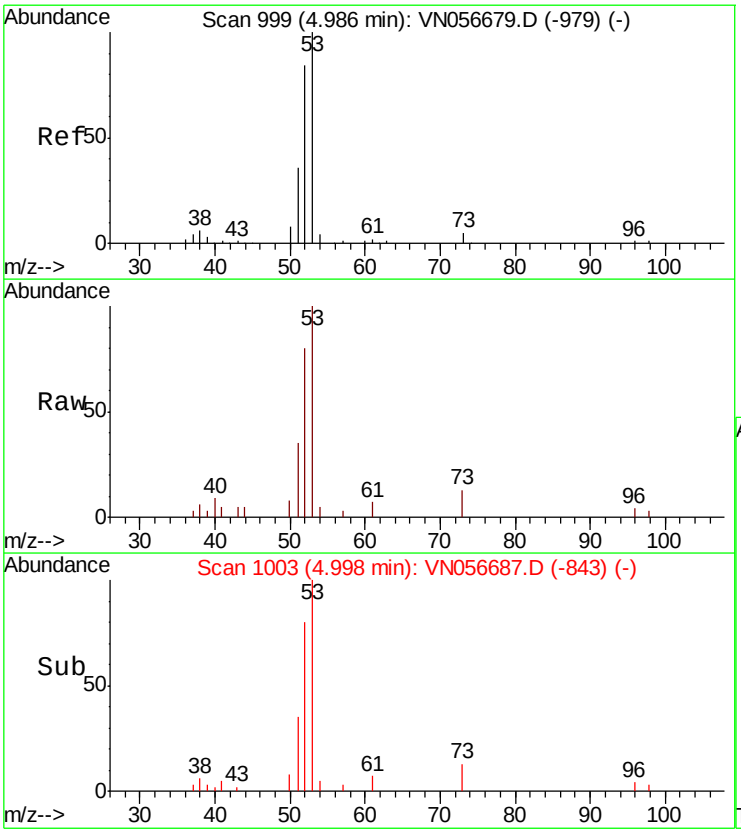
#13
Acrolein
Concen: 15.748 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 56 Resp: 4655

Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.9	85.3

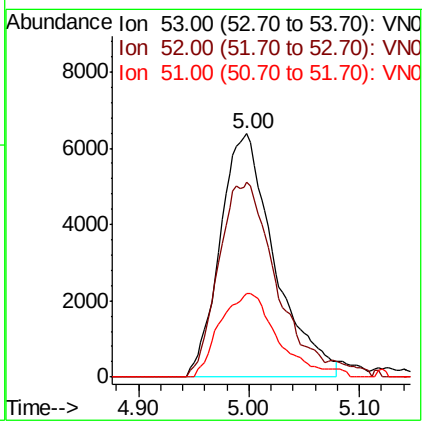


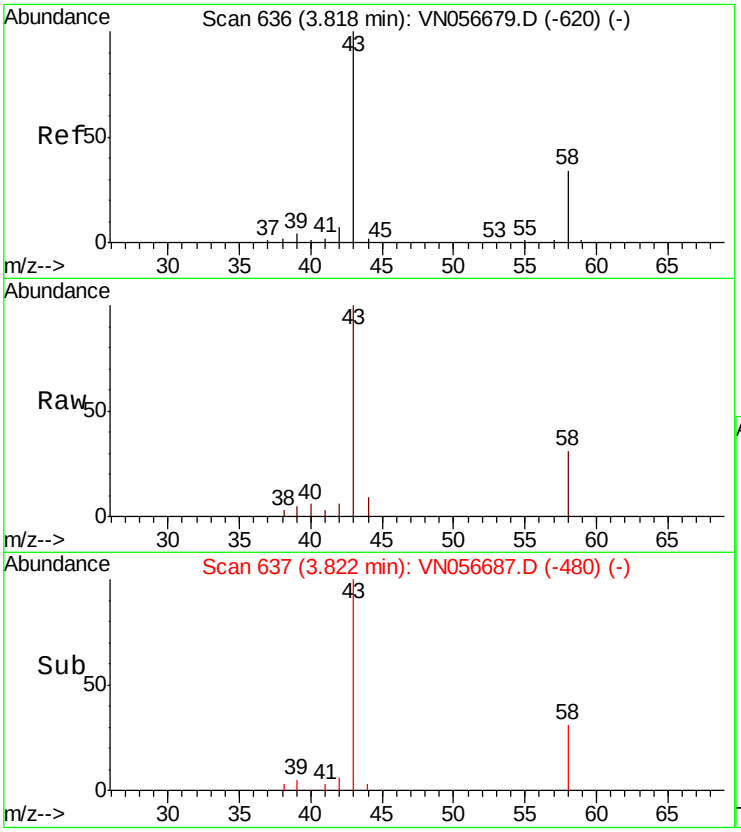


#14
Acrylonitrile
Concen: 11.827 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 53 Resp: 21843

Ion	Ratio	Lower	Upper
53	100		
52	33.9	41.3	123.7#
51	35.9	17.7	53.1



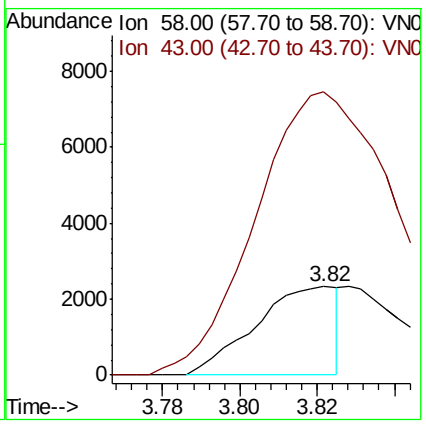


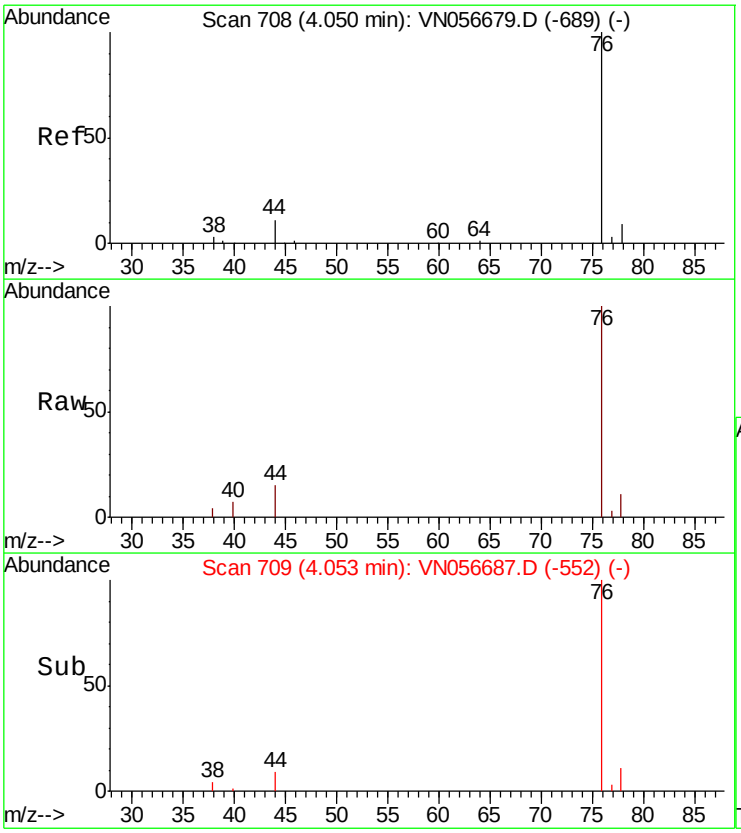
#15
Acetone
Concen: 5.427 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 58 Resp: 3460

Ion	Ratio	Lower	Upper
58	100		
43	299.4	233.9	350.9

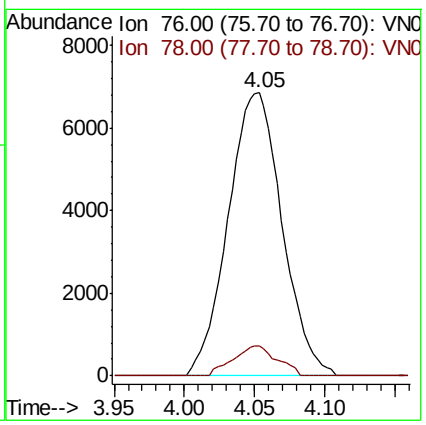


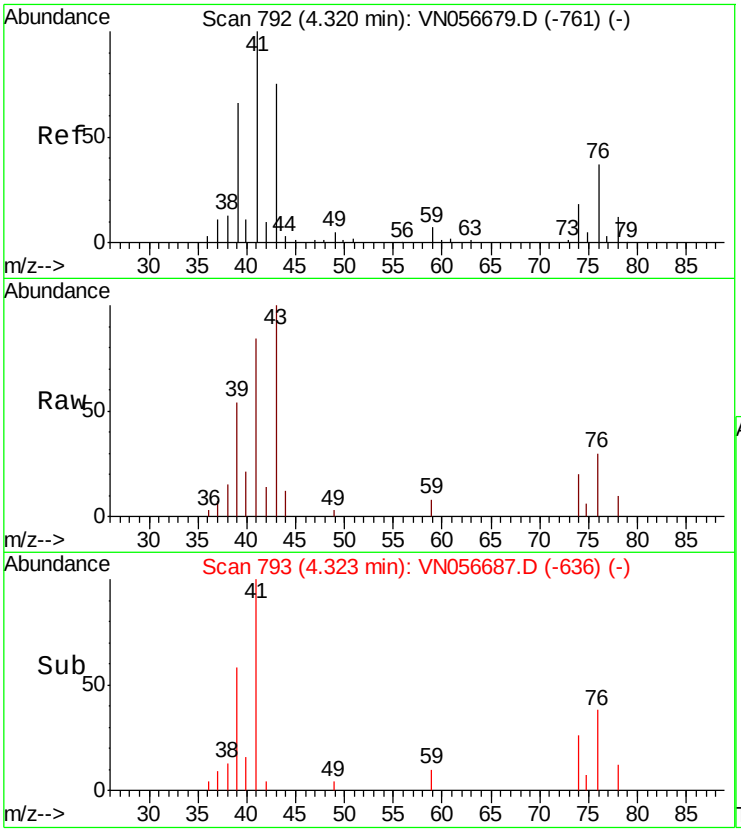


#16
Carbon Disulfide
Concen: 2.218 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 76 Resp: 18325

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.4	11.0



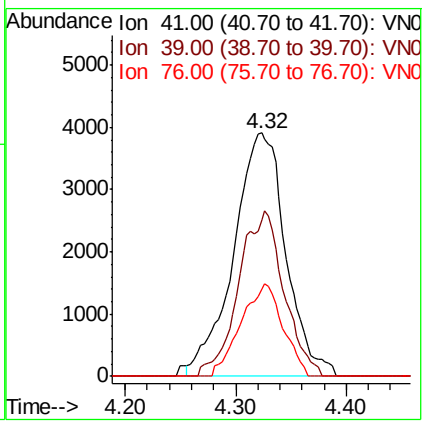


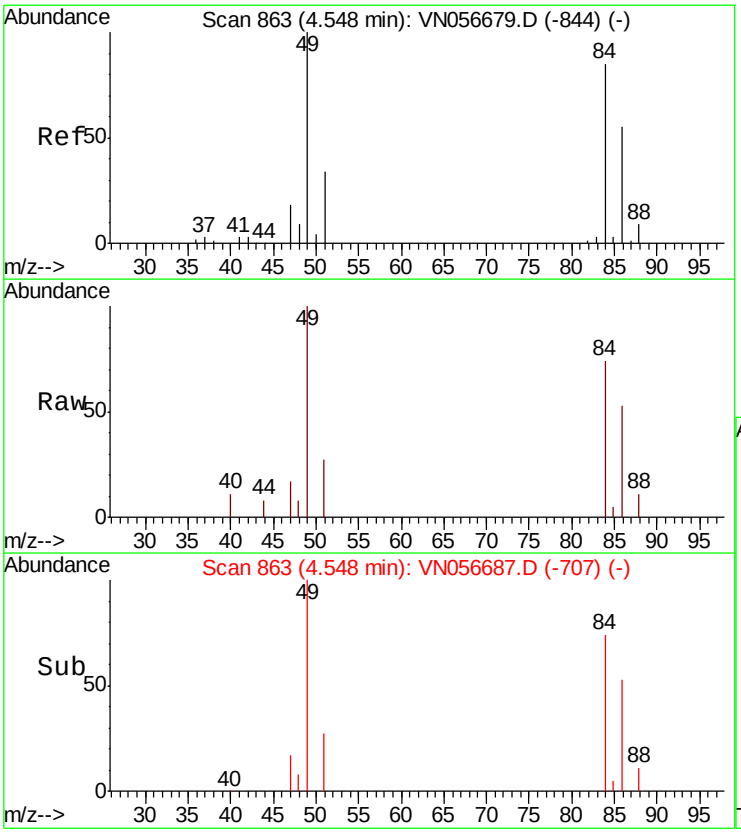
#17
Allyl chloride
Concen: 2.347 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 41 Resp: 12861

Ion	Ratio	Lower	Upper
41	100		
39	64.3	32.8	98.4
76	35.9	18.5	55.5

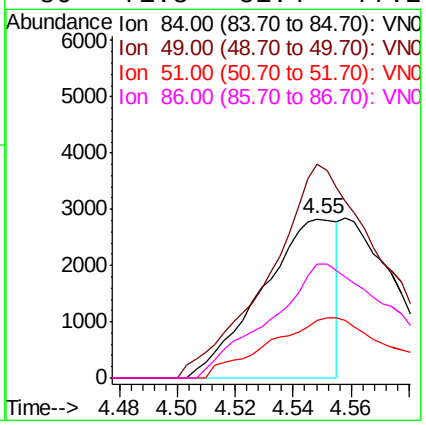


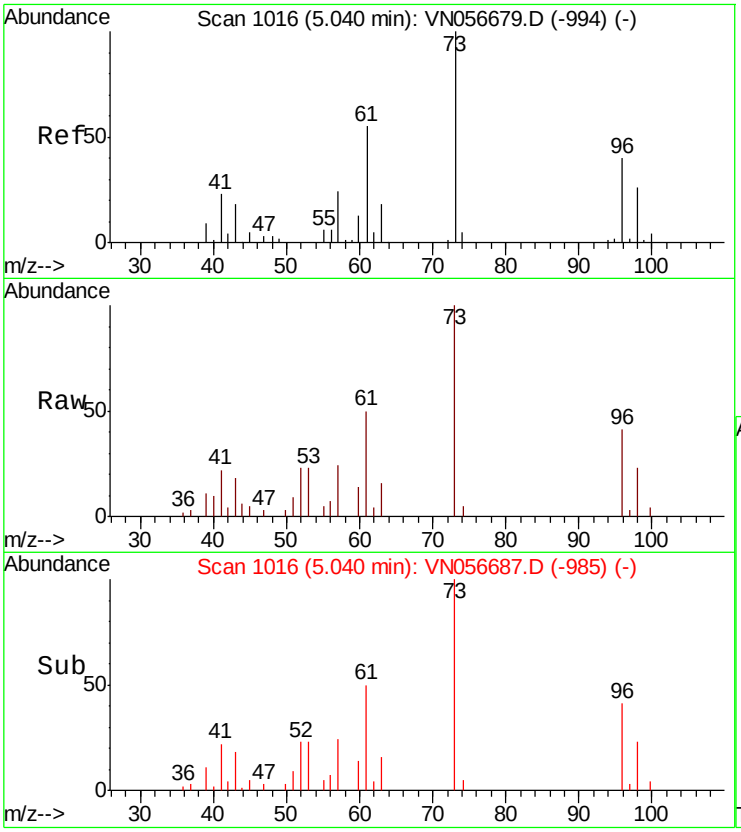


#18
Methylene Chloride
Concen: 1.375 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 84 Resp: 5056

Ion	Ratio	Lower	Upper
84	100		
49	126.6	93.9	140.9
51	36.0	31.7	47.5
86	71.8	51.4	77.2



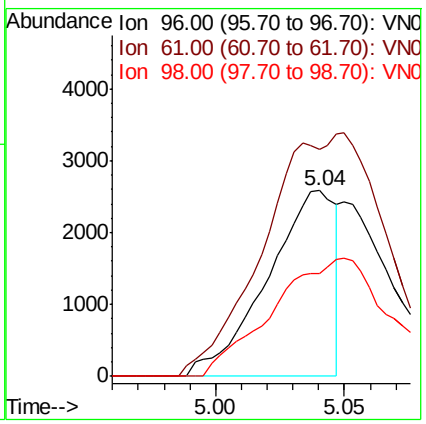


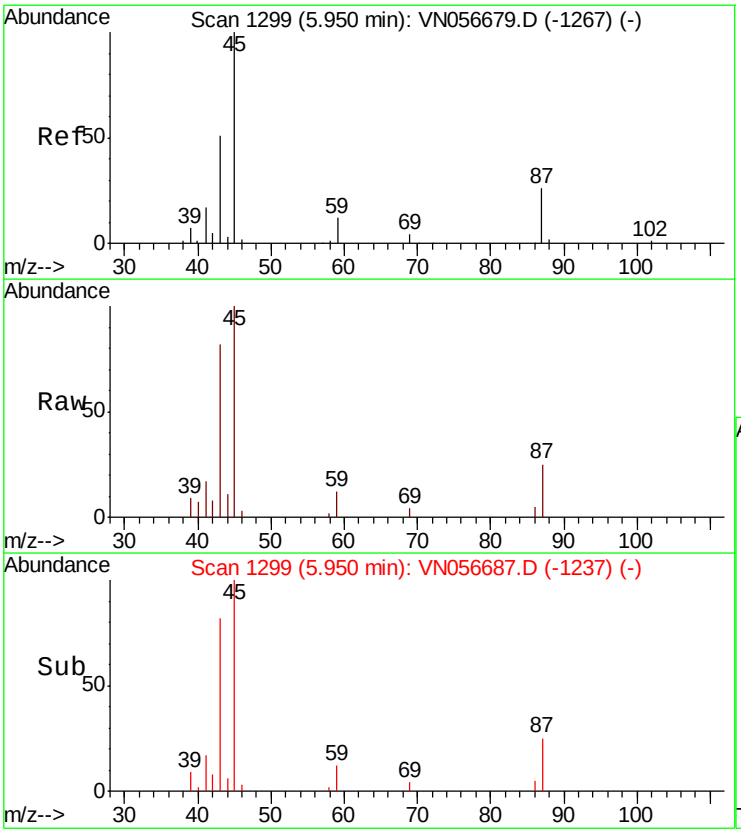
#19
trans-1,2-Dichloroethene
Concen: 1.414 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 96 Resp: 4740

Ion	Ratio	Lower	Upper
96	100		
61	116.5	109.6	164.4
98	55.8	51.4	77.2

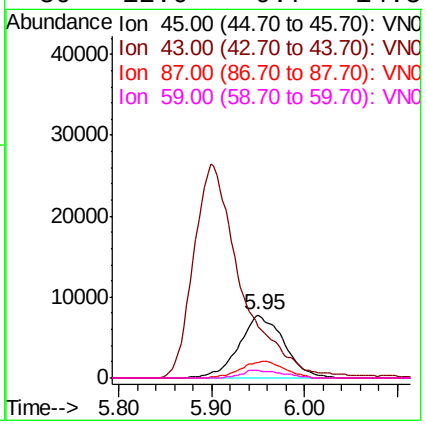


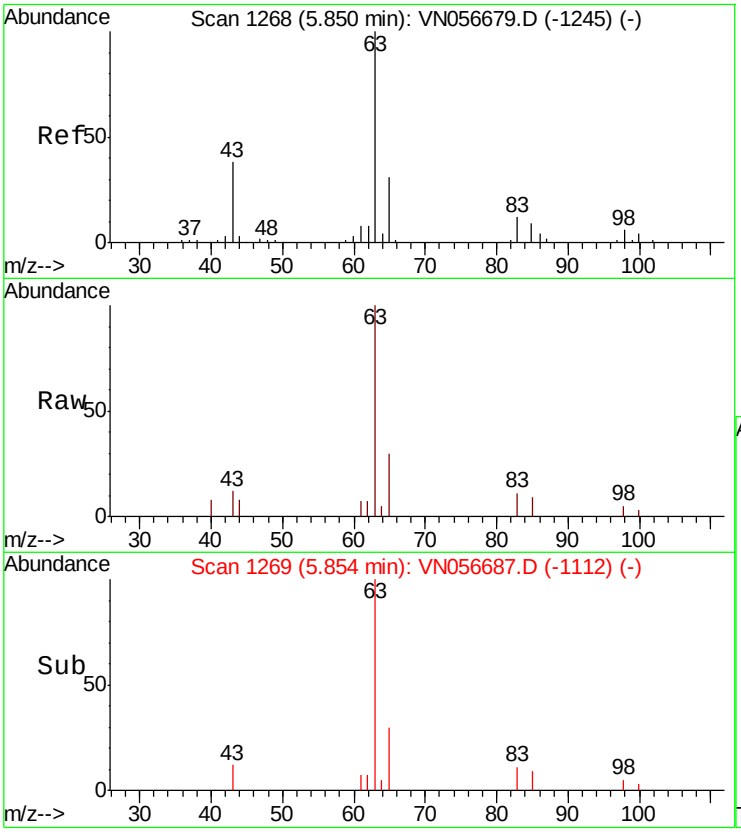


#20
Diisopropyl ether
Concen: 2.411 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 45 Resp: 26317

Ion	Ratio	Lower	Upper
45	100		
43	76.1	50.3	75.5#
87	25.5	21.4	32.0
59	12.0	9.7	14.5



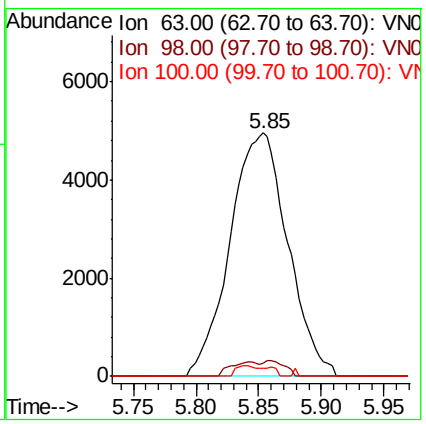


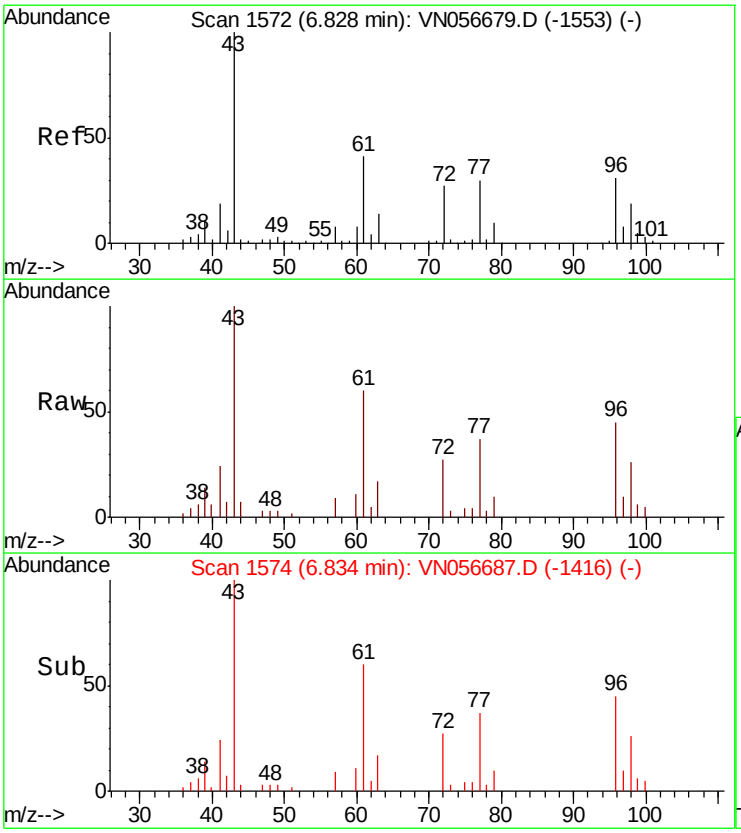
#21
1,1-Dichloroethane
Concen: 2.543 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 63 Resp: 15860

Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.3	9.8
100	3.1	2.1	6.3

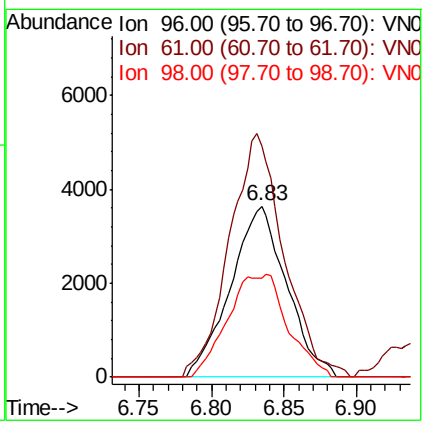


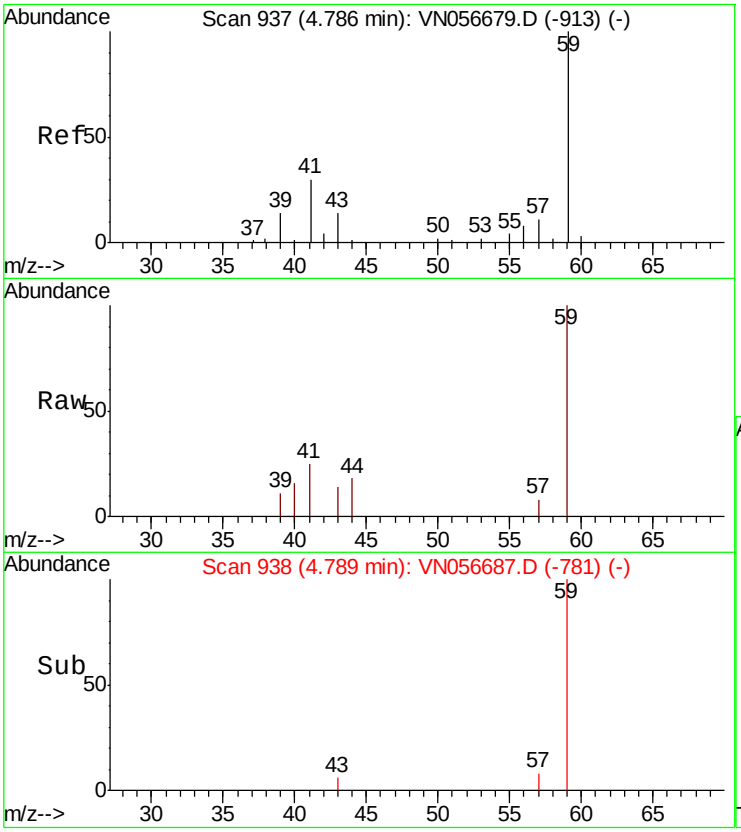


#22
cis-1,2-Dichloroethene
Concen: 2.494 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 96 Resp: 9777

Ion	Ratio	Lower	Upper
96	100		
61	138.9	112.1	168.1
98	33.4	52.2	78.2#



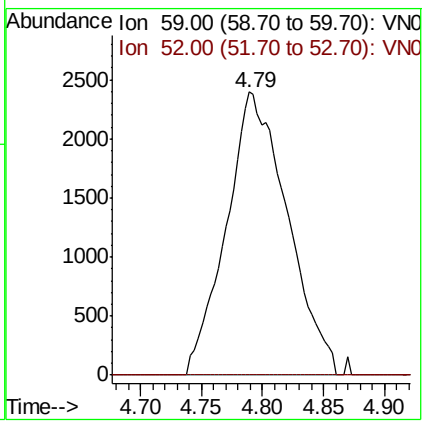


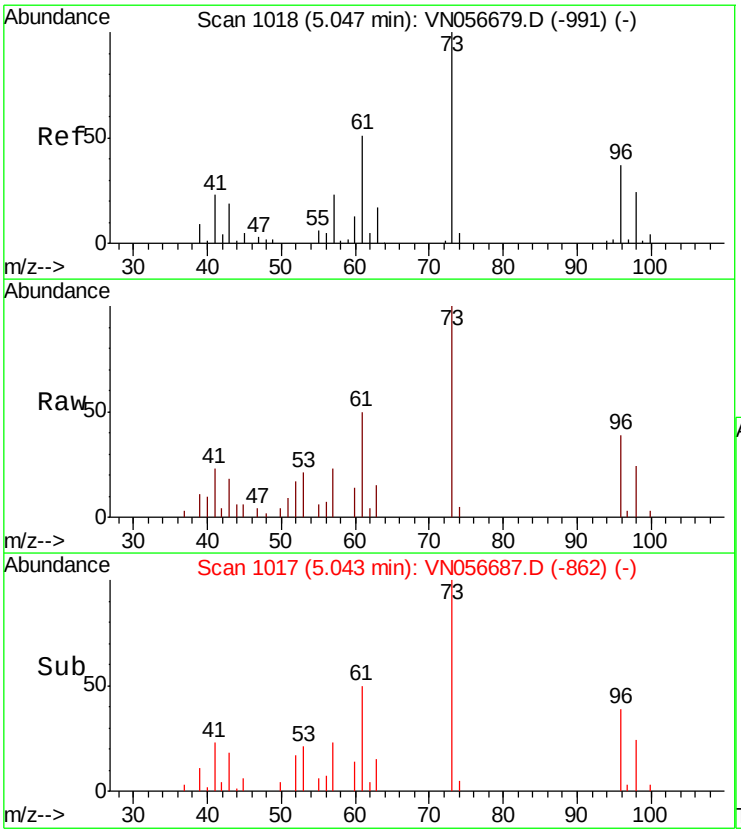
#23
tert-Butyl Alcohol
Concen: 12.947 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 59 Resp: 8341

Ion	Ratio	Lower	Upper
59	100		
52	88.6	0.1	0.1#

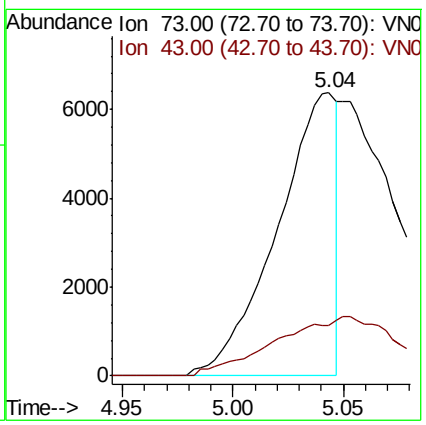


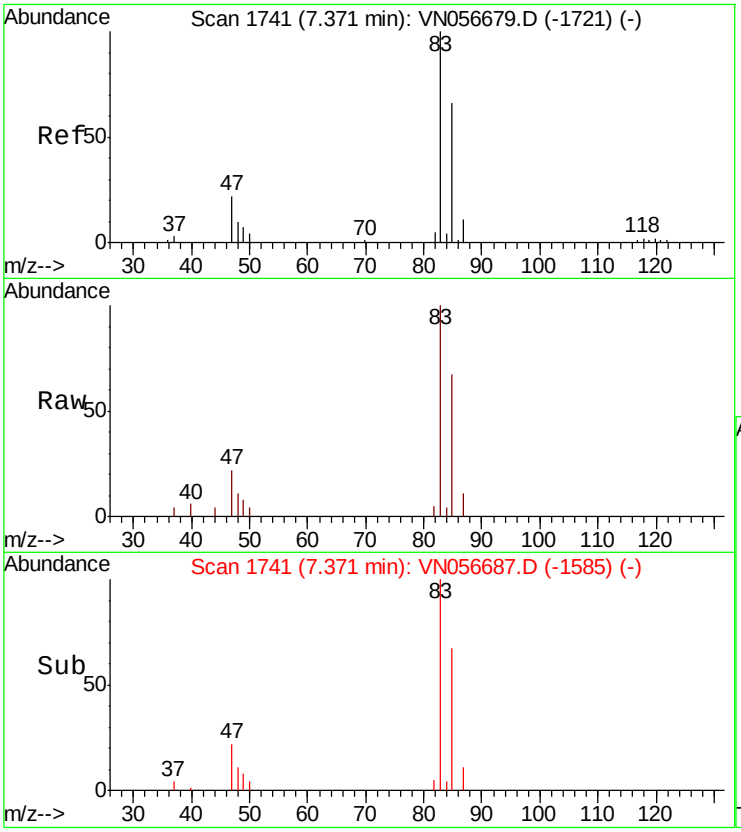


#24
Methyl tert-Butyl Ether
Concen: 1.193 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 73 Resp: 11913

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.1	22.7



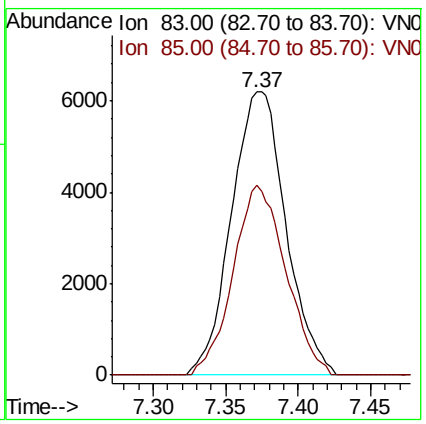


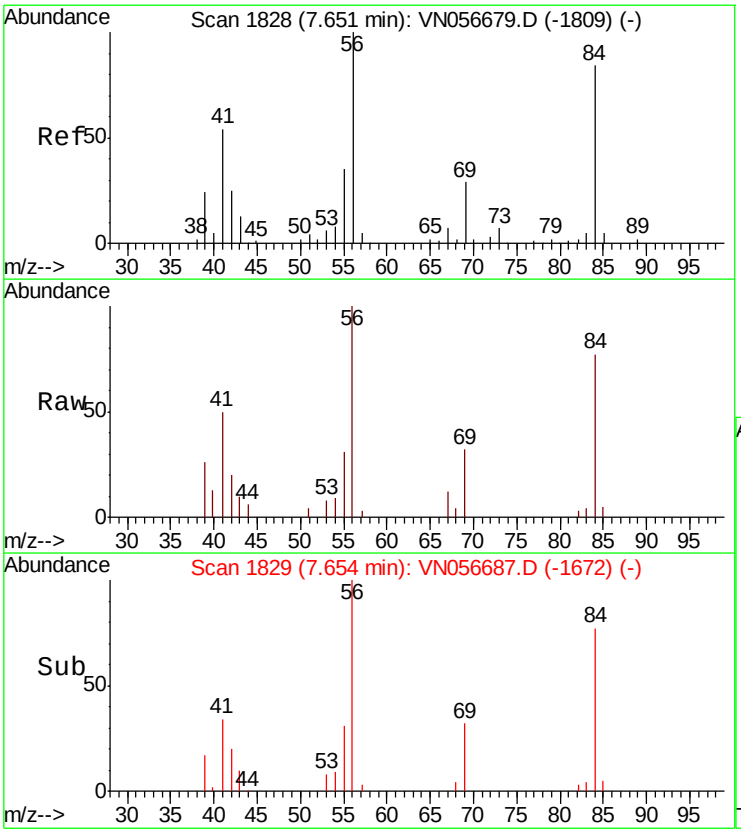
#25
Chloroform
Concen: 2.666 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 83 Resp: 16203

Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.6	79.0

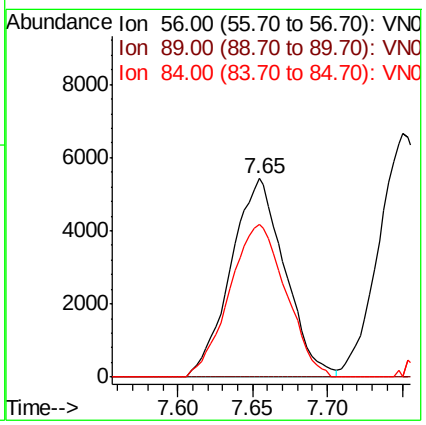


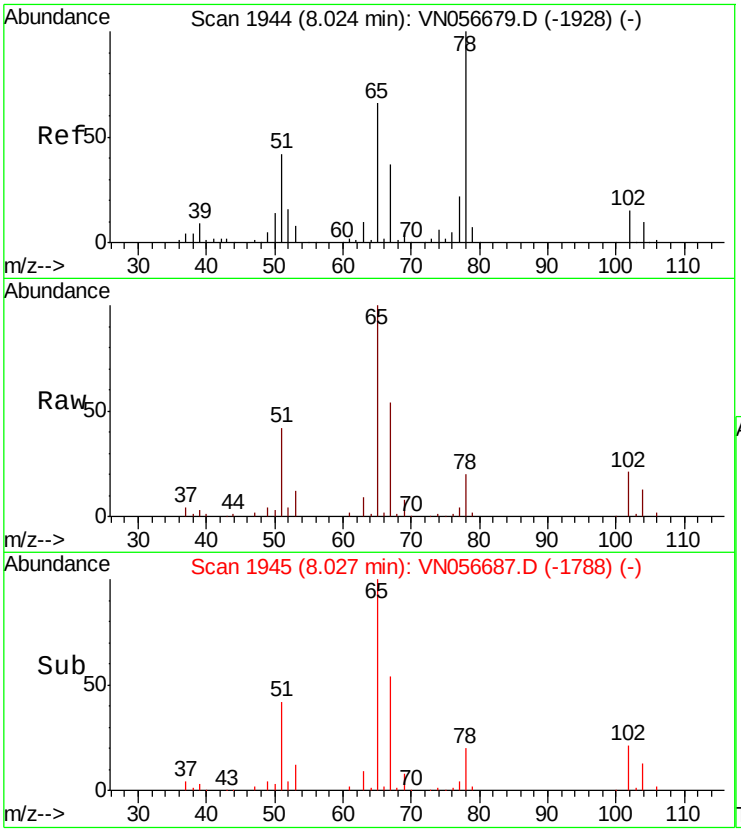


#26
Cyclohexane
Concen: 2.356 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 56 Resp: 13659

Ion	Ratio	Lower	Upper
56	100		
89	0.0	1.4	2.2#
84	80.0	68.2	102.4



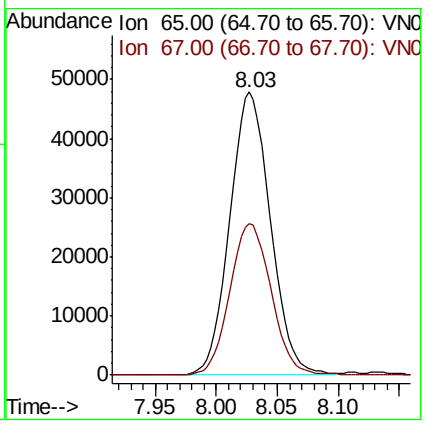


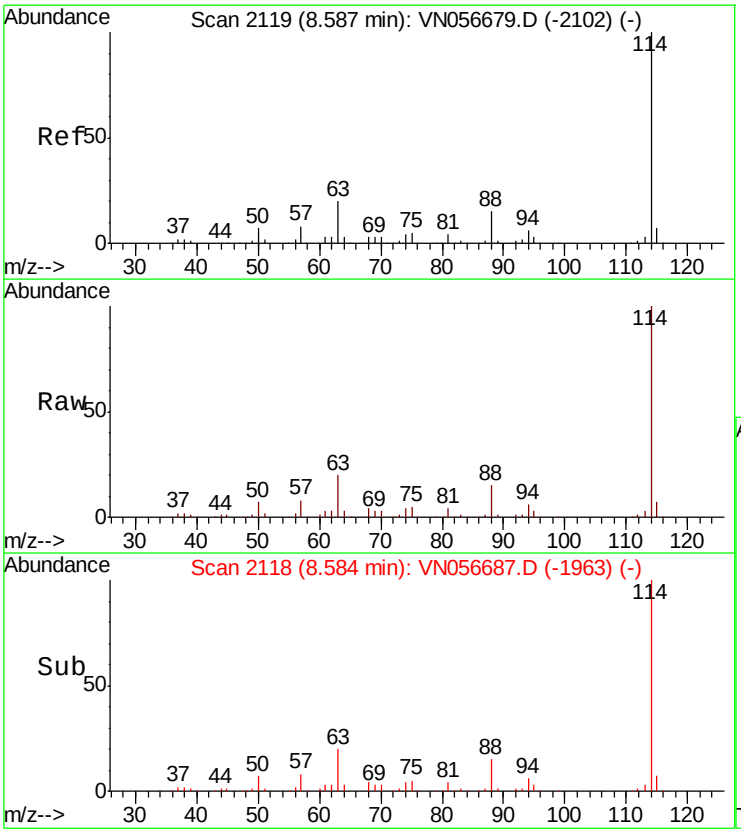
#27
1,2-Dichloroethane-d4
Concen: 30.706 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 65 Resp: 110453

Ion	Ratio	Lower	Upper
65	100		
67	54.3	43.4	65.0

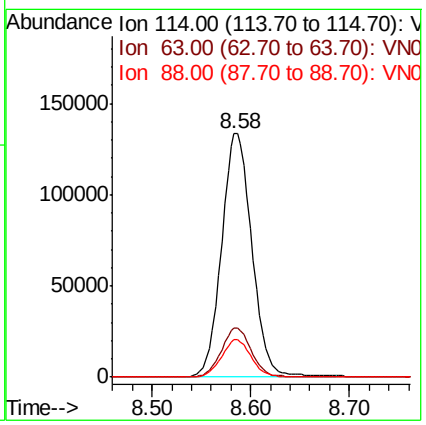


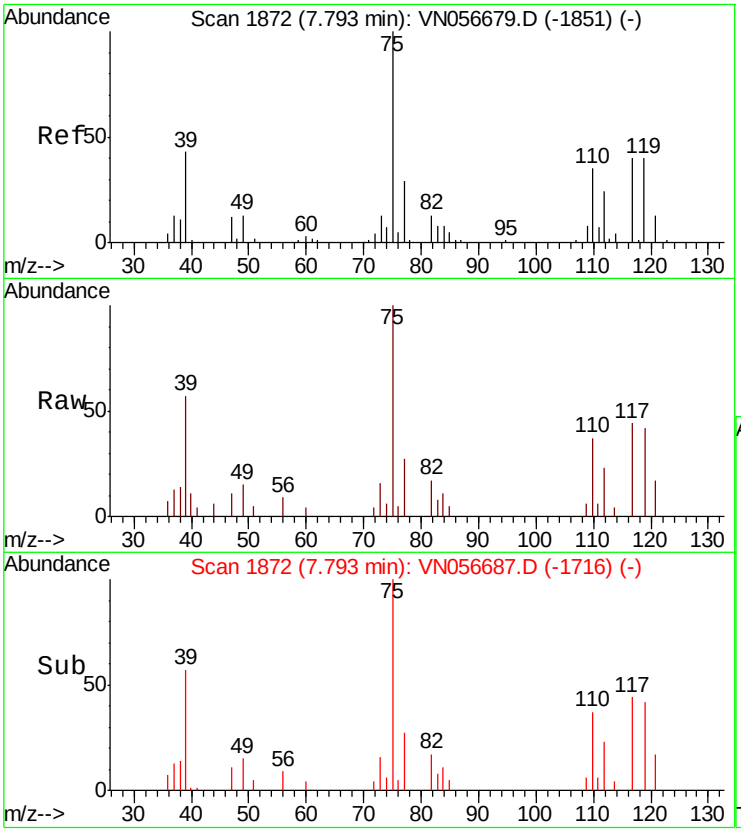


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:114 Resp: 287305

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.2	24.2
88	15.1	12.3	18.5



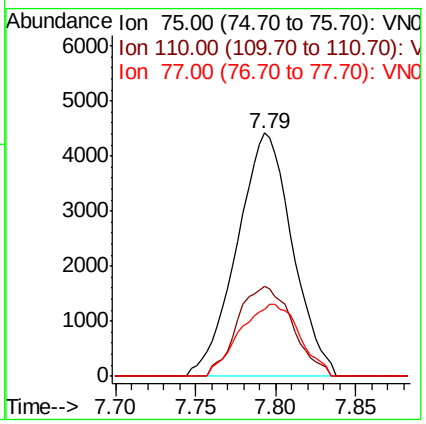


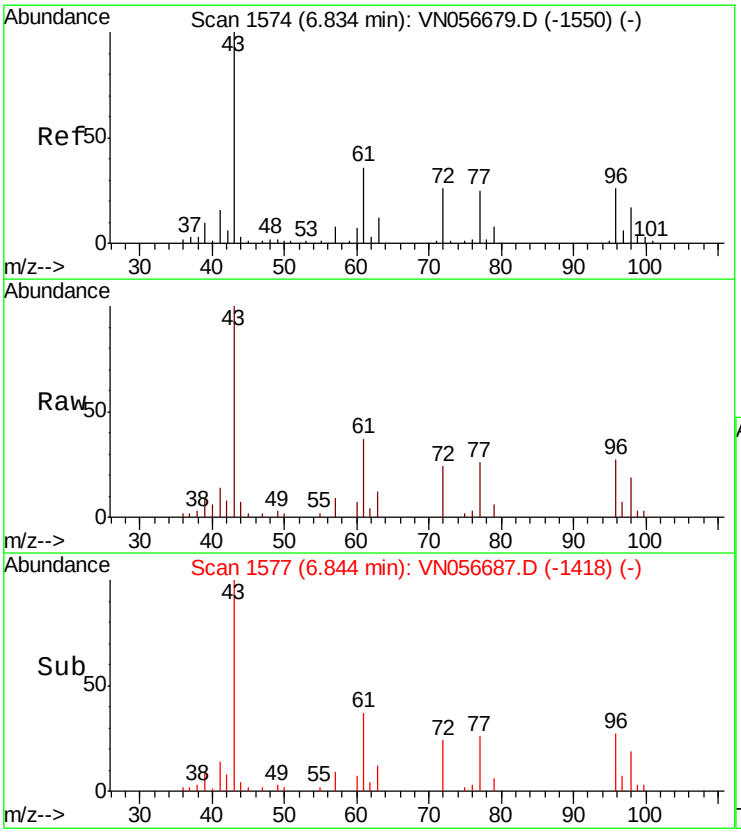
#29
1,1-Dichloropropene
Concen: 2.306 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 75 Resp: 10532

Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	72.4
77	31.9	0.0	62.2

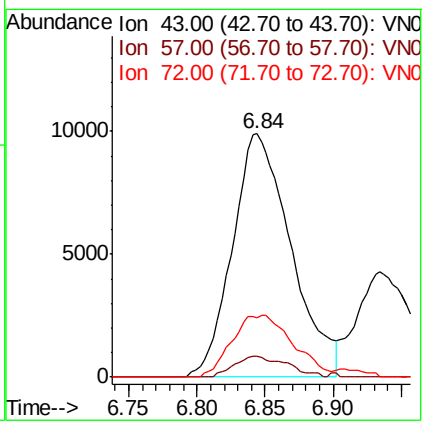


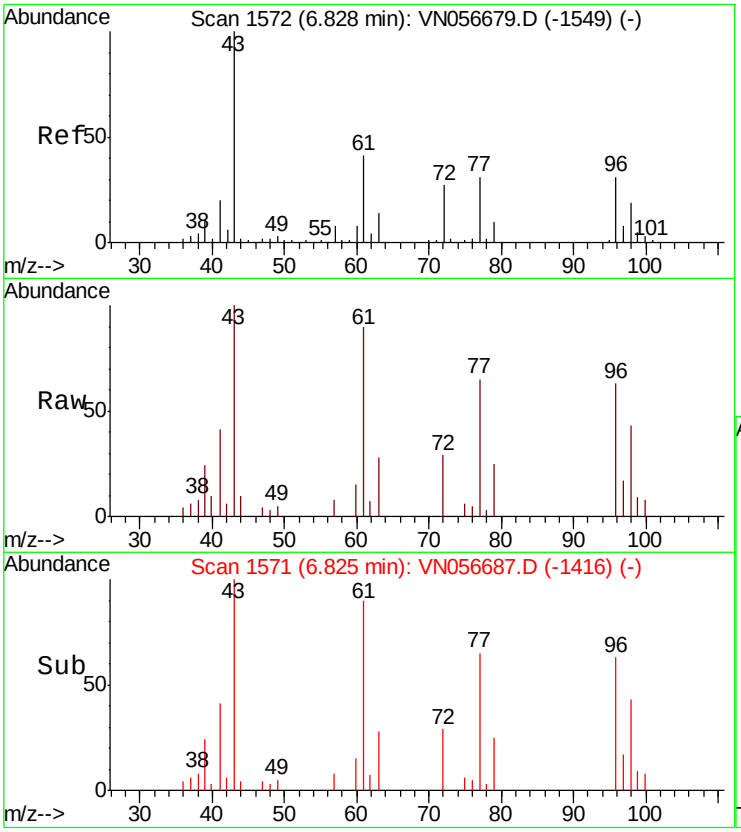


#30
2-Butanone
Concen: 11.176 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 29550

Ion	Ratio	Lower	Upper
43	100		
57	4.9	6.6	10.0#
72	11.7	21.3	31.9#



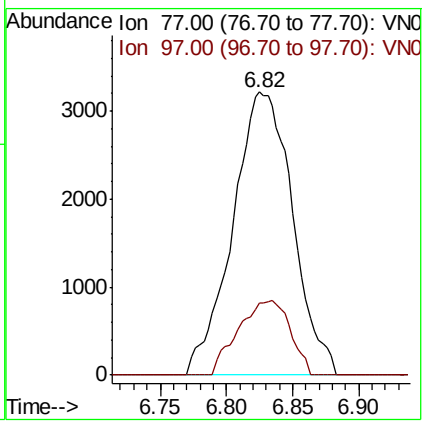


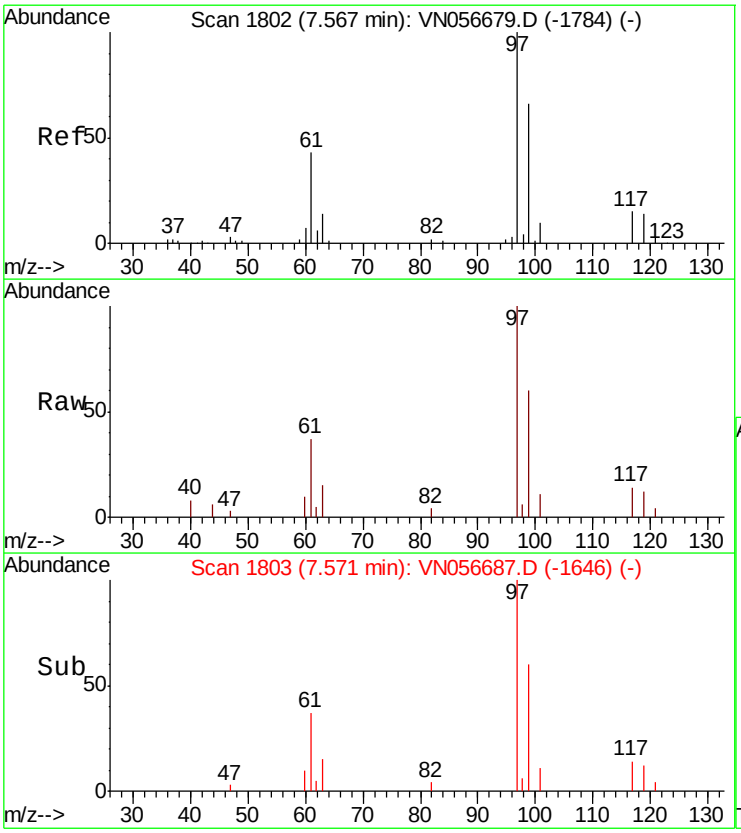
#31
2,2-Dichloropropane
Concen: 2.295 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 77 Resp: 10144

Ion	Ratio	Lower	Upper
77	100		
97	22.8	19.7	29.5

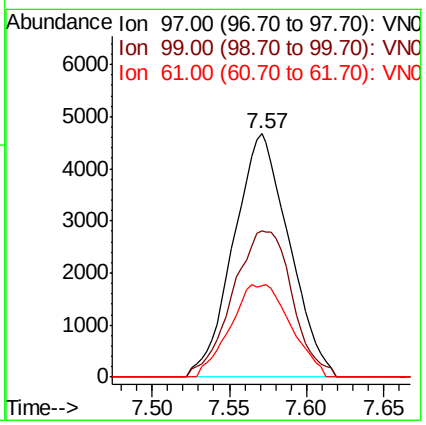


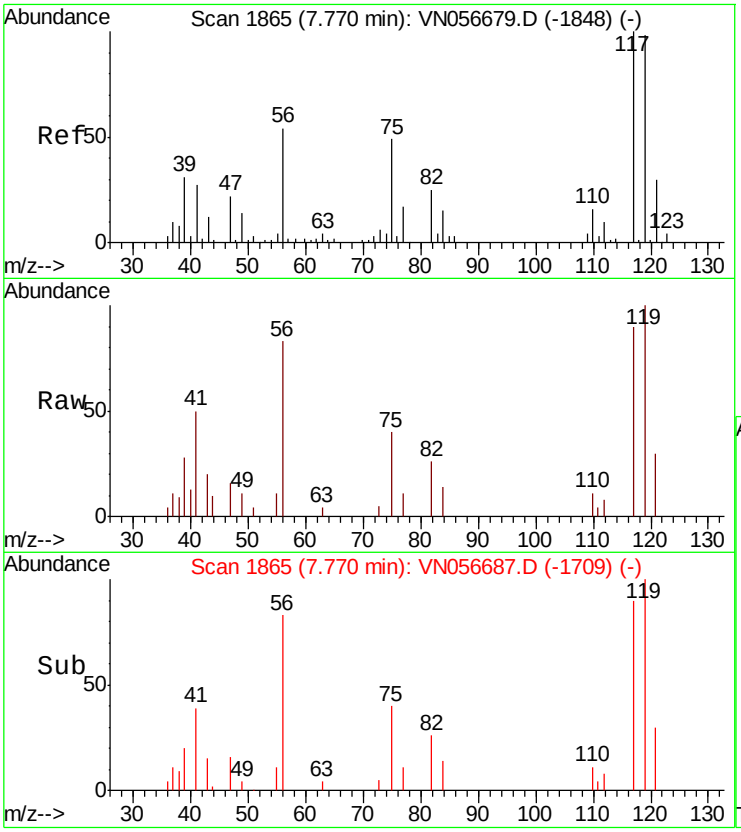


#32
1,1,1-Trichloroethane
Concen: 2.397 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 97 Resp: 11668

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	19.4	34.4	51.6#



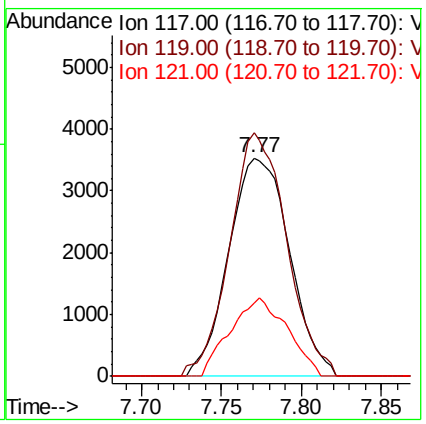


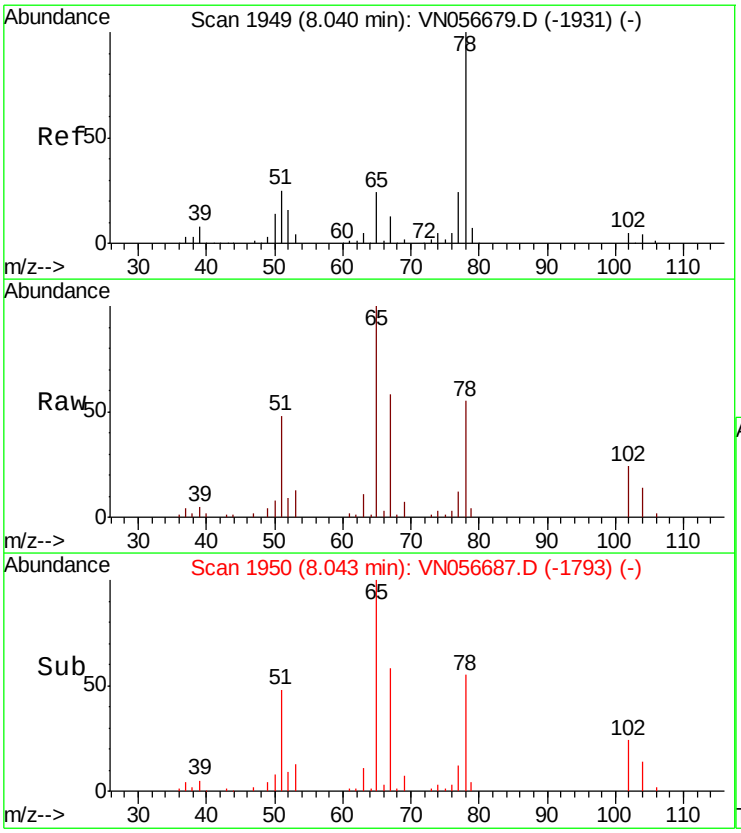
#33
Carbon Tetrachloride
Concen: 2.197 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:117 Resp: 9203

Ion	Ratio	Lower	Upper
117	100		
119	111.5	78.7	118.1
121	33.5	24.0	36.0

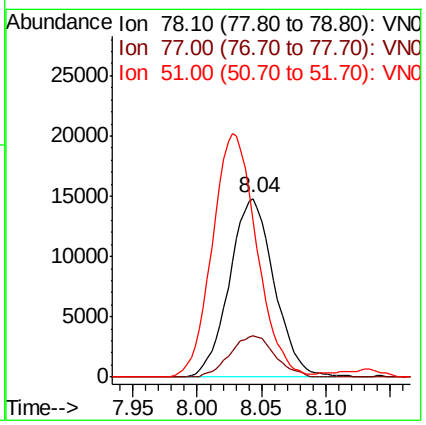


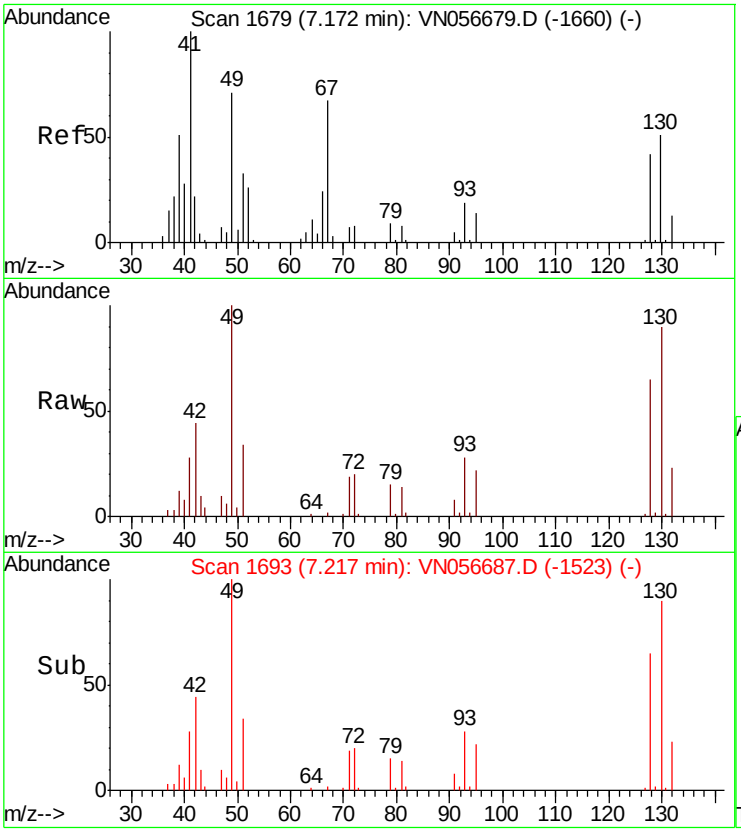


#34
Benzene
Concen: 2.550 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 78 Resp: 35776

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4
51	85.2	19.7	29.5#



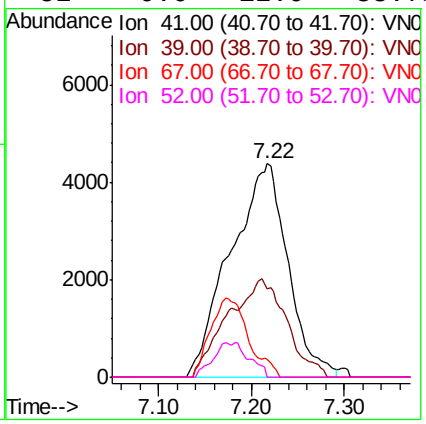


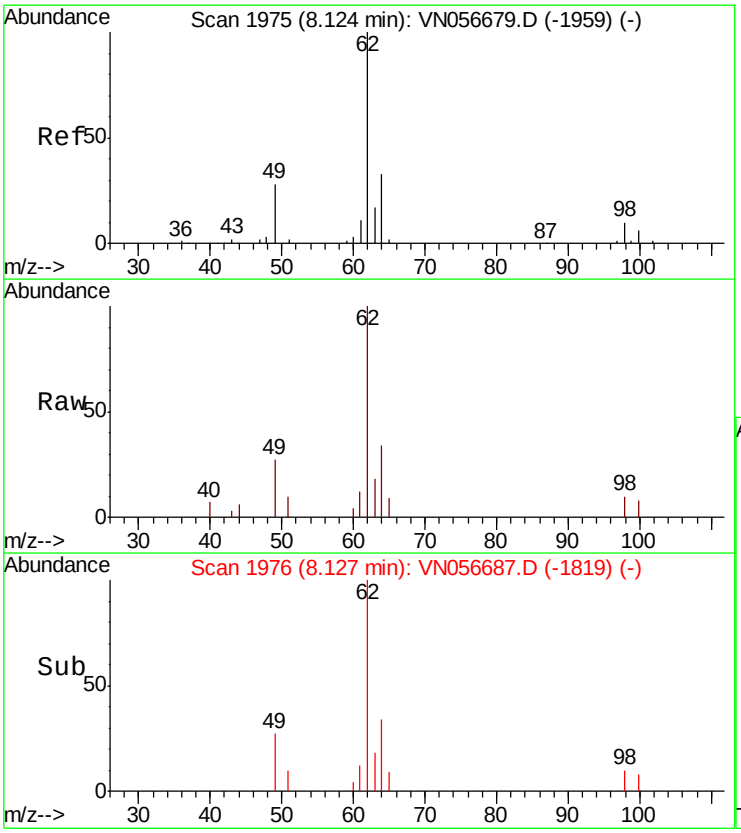
#35
Methacrylonitrile
Concen: 9.322 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 41 Resp: 18830

Ion	Ratio	Lower	Upper
41	100		
39	41.6	25.4	76.2
67	8.1	33.6	100.8#
52	0.0	12.9	38.7#

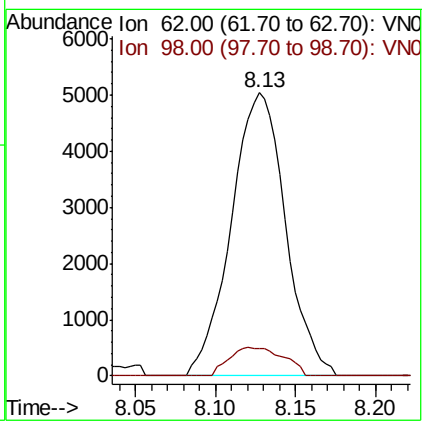


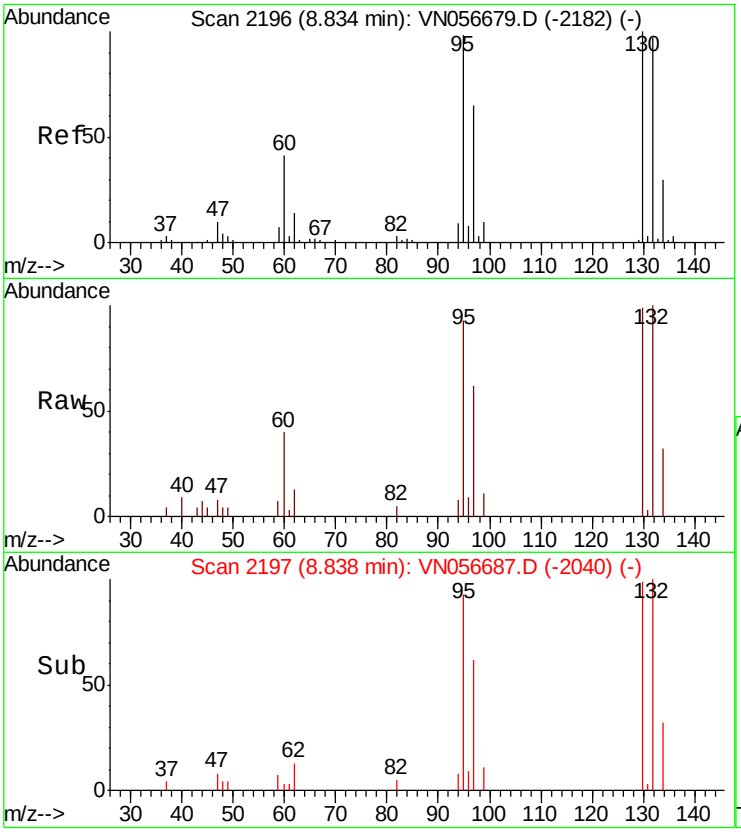


#36
1,2-Dichloroethane
Concen: 2.606 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 62 Resp: 11746

Ion	Ratio	Lower	Upper
62	100		
98	4.9	7.7	11.5#



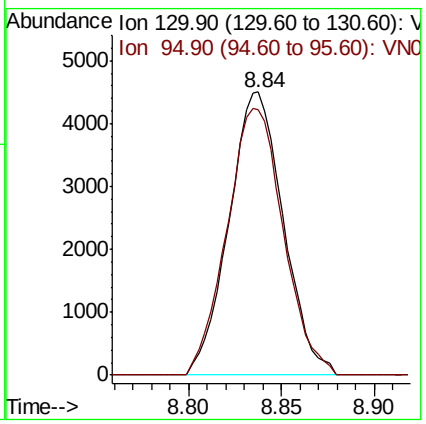


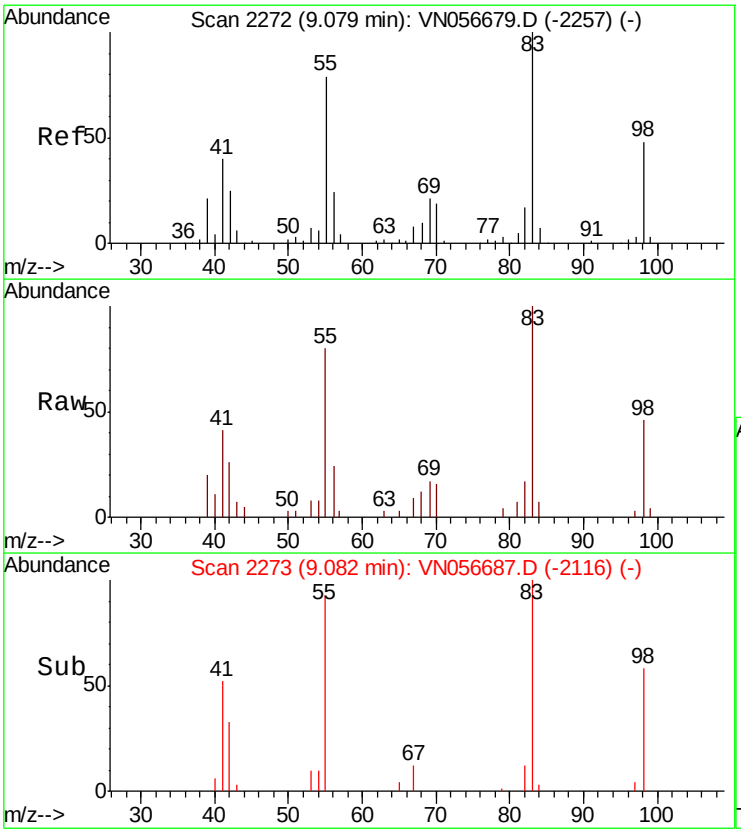
#37
Trichloroethene
Concen: 2.413 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:130 Resp: 9196

Ion	Ratio	Lower	Upper
130	100		
95	93.9	78.4	117.6

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

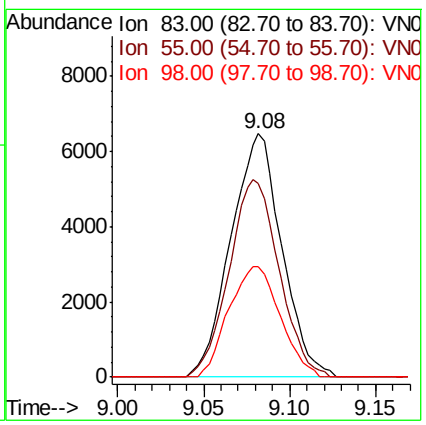


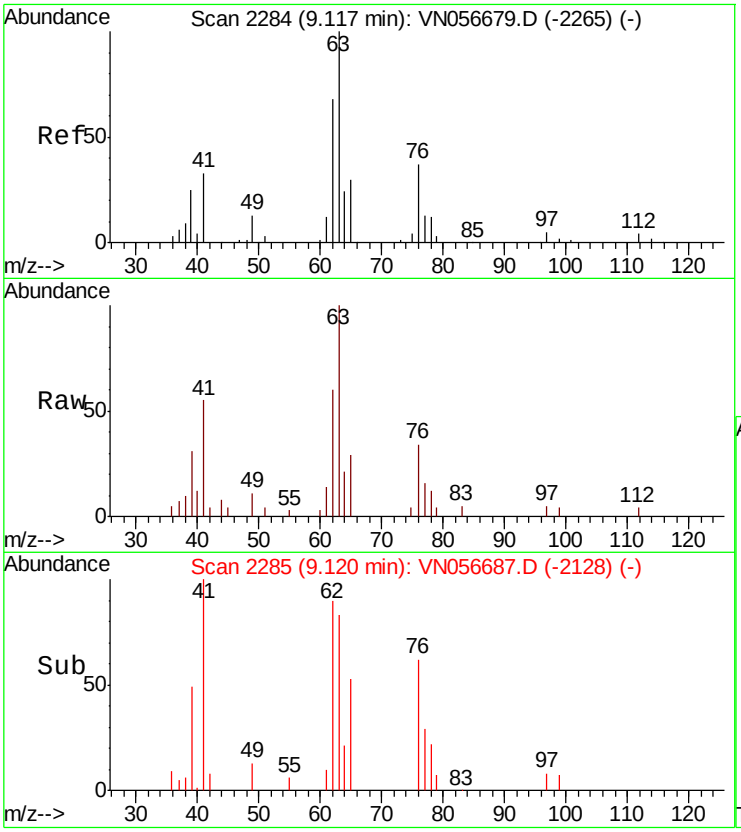


#38
Methylcyclohexane
Concen: 2.308 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 83 Resp: 13316

Ion	Ratio	Lower	Upper
83	100		
55	79.6	38.4	115.2
98	45.7	23.3	69.9



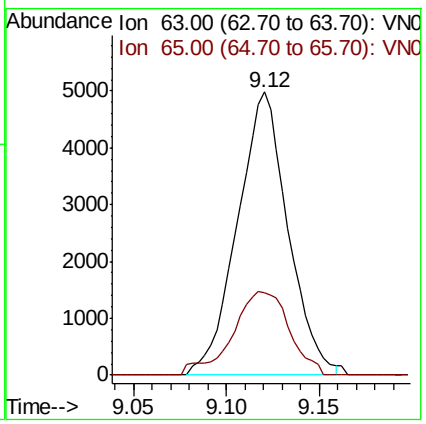


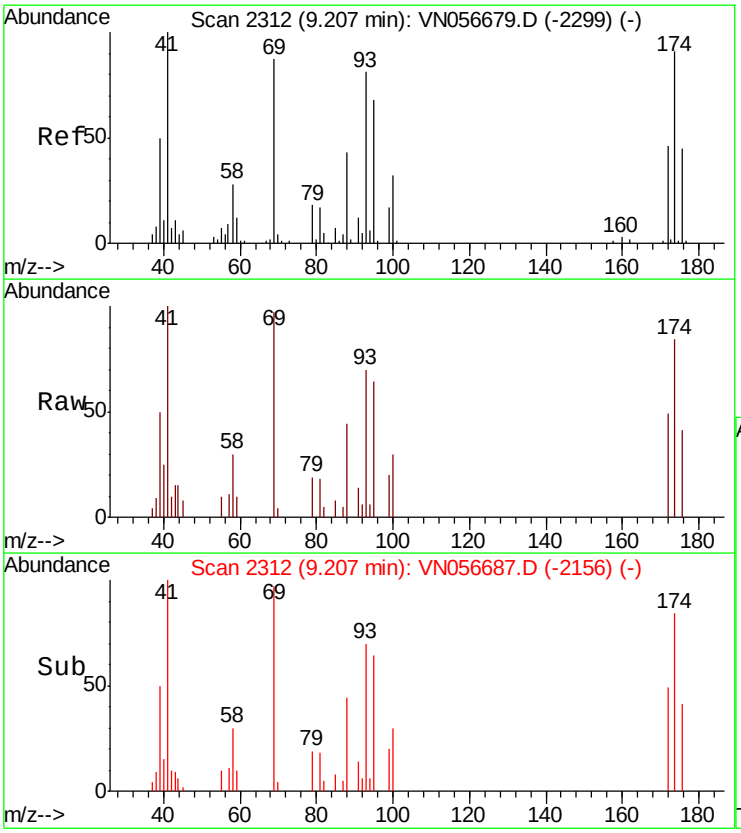
#39
1,2-Dichloropropane
Concen: 2.512 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 63 Resp: 9461

Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.6	36.8

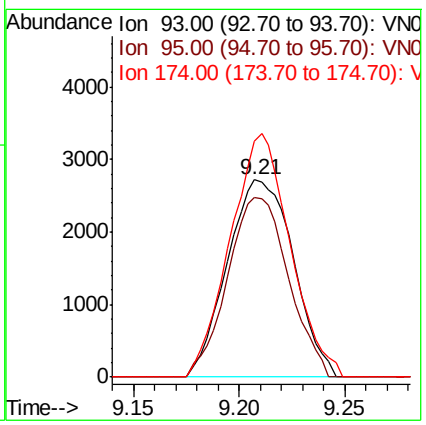


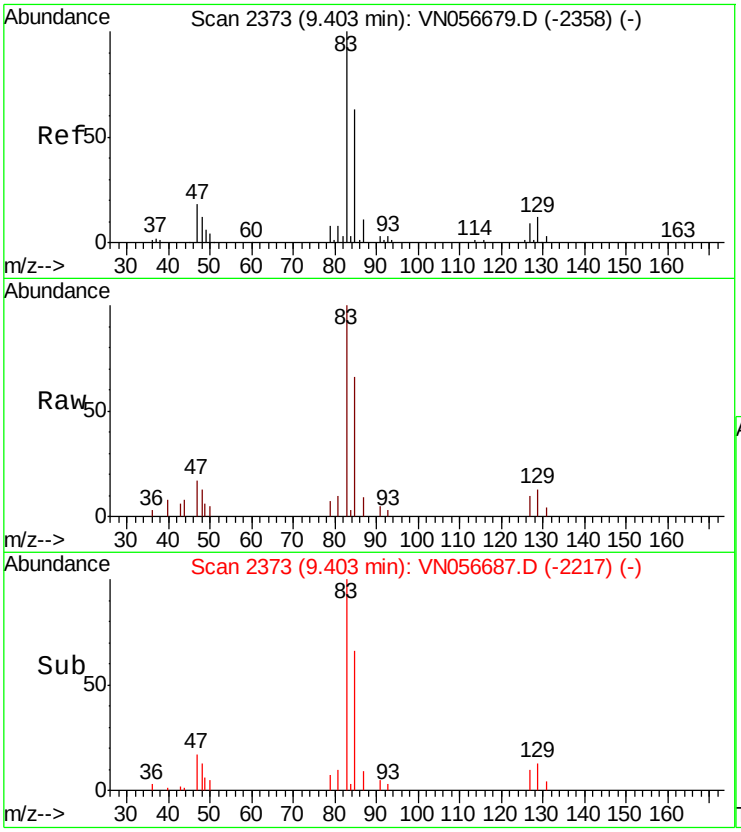


#40
Dibromomethane
Concen: 2.465 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 93 Resp: 5914

Ion	Ratio	Lower	Upper
93	100		
95	83.9	0.0	167.0
174	112.2	0.0	224.2



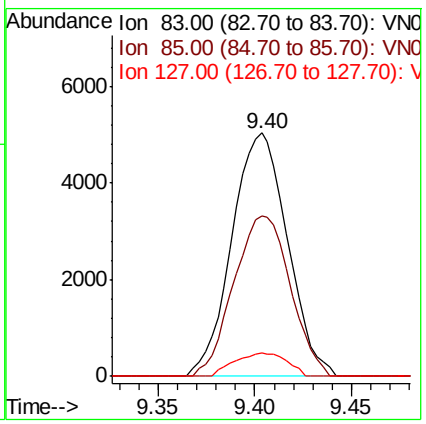


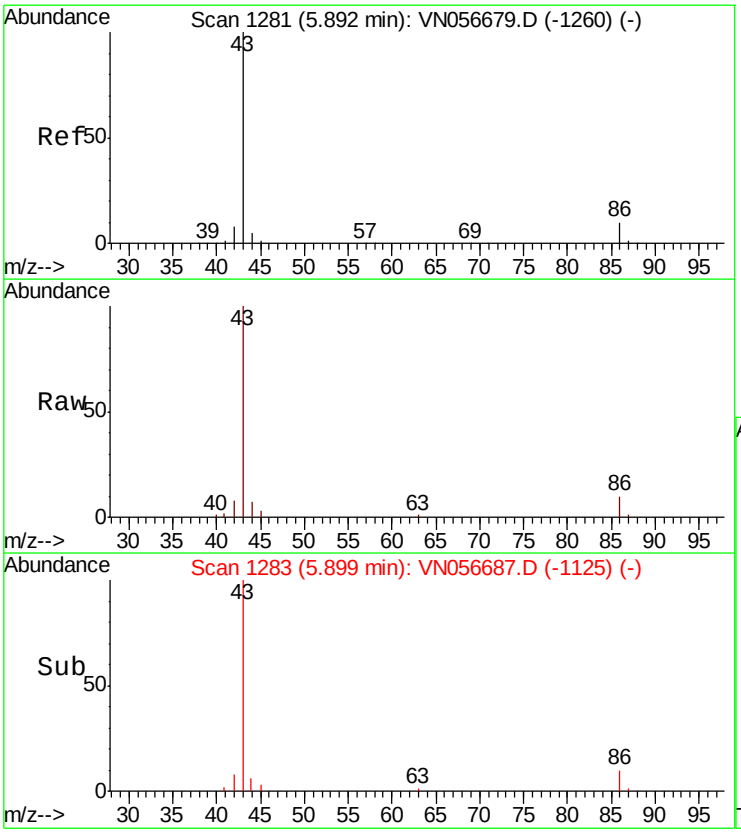
#41
Bromodichloromethane
Concen: 2.272 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 83 Resp: 10046

Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.1	75.1
127	9.6	7.0	10.4

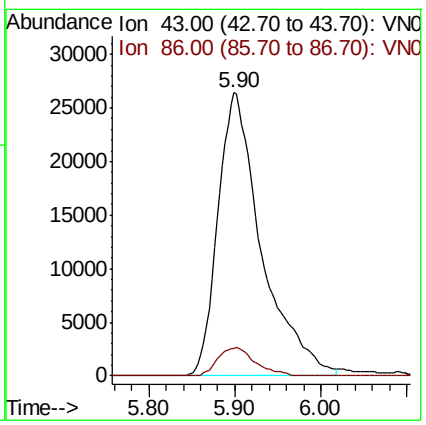


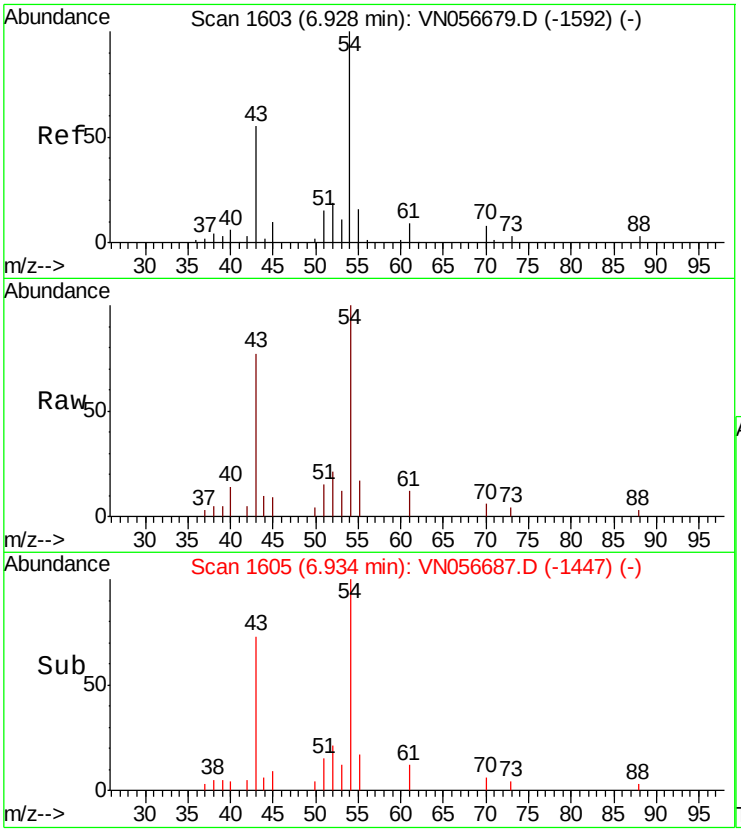


#42
Vinyl Acetate
Concen: 10.612 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 93391

Ion	Ratio	Lower	Upper
43	100		
86	8.5	7.4	11.2



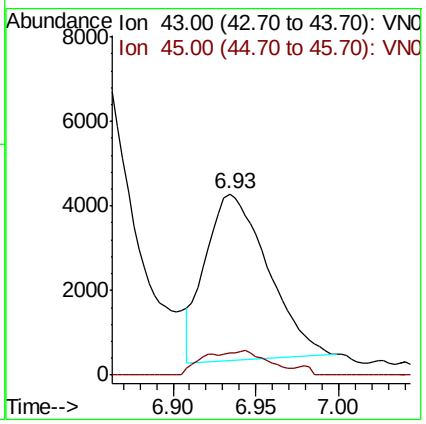


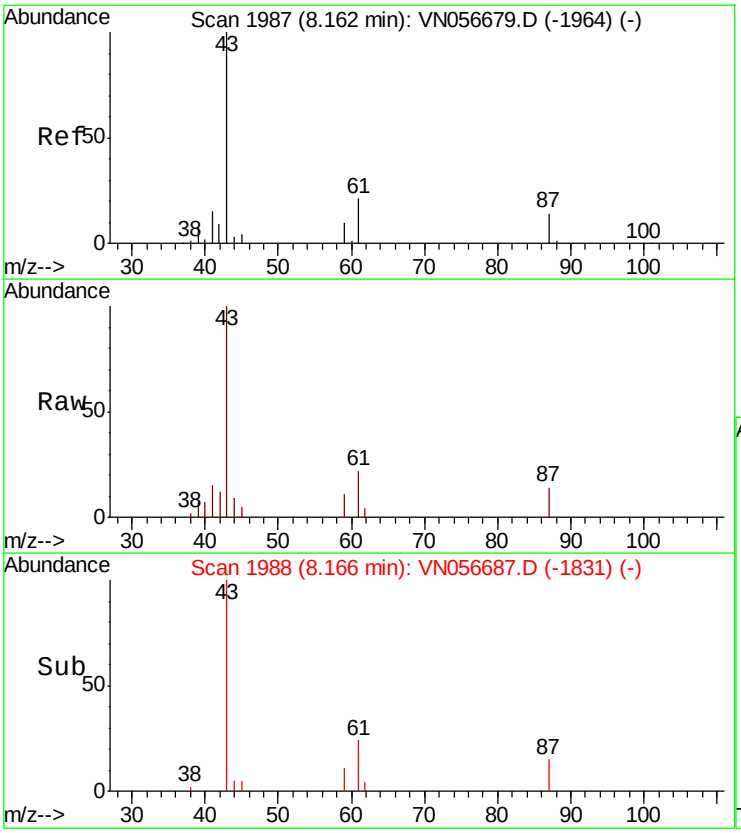
#43
Ethyl Acetate
Concen: 2.160 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 43 Resp: 10322

Ion	Ratio	Lower	Upper
43	100		
45	4.9	11.2	16.8#

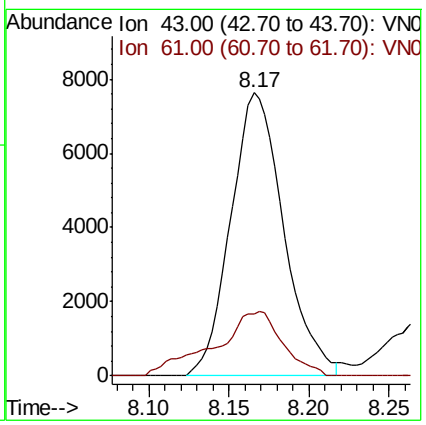


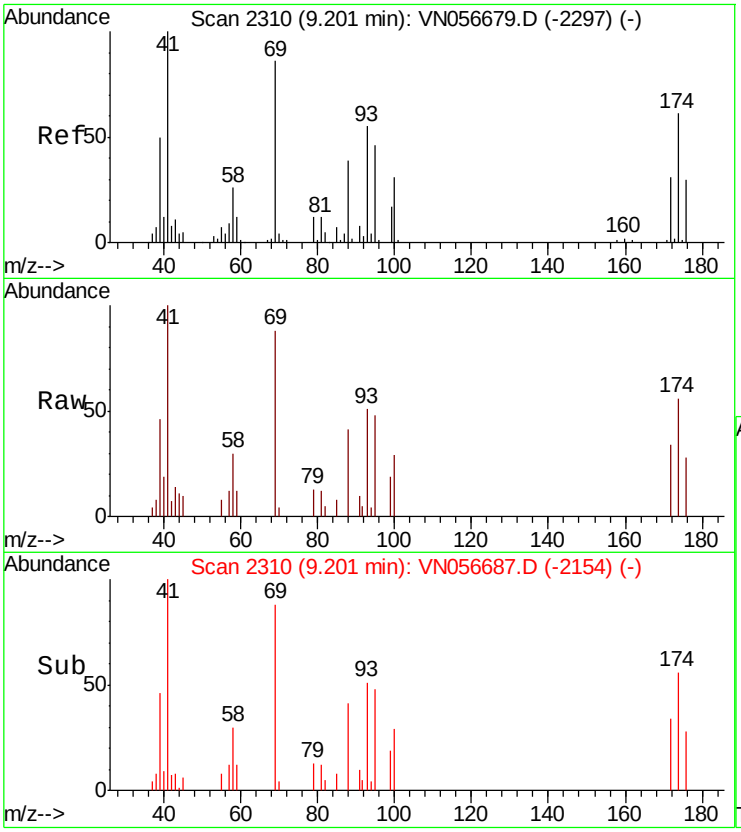


#44
Isopropyl Acetate
Concen: 2.324 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 17323

Ion	Ratio	Lower	Upper
43	100		
61	26.7	22.6	33.8



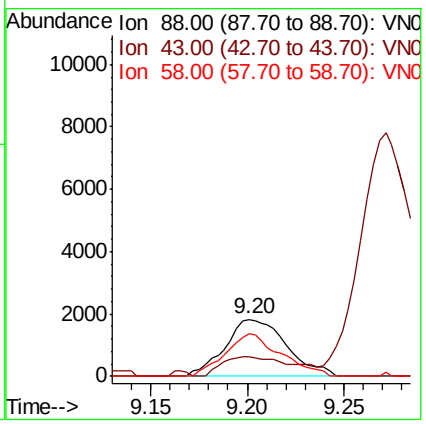


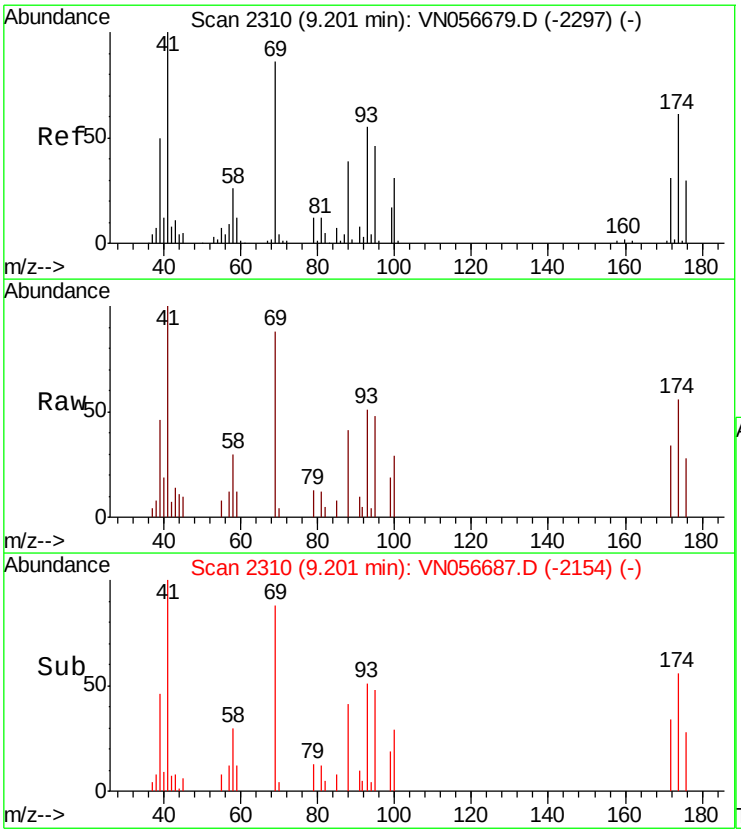
#45
1,4-Dioxane
Concen: 53.451 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 88 Resp: 4030

Ion	Ratio	Lower	Upper
88	100		
43	32.7	23.0	34.6
58	68.1	54.6	81.8

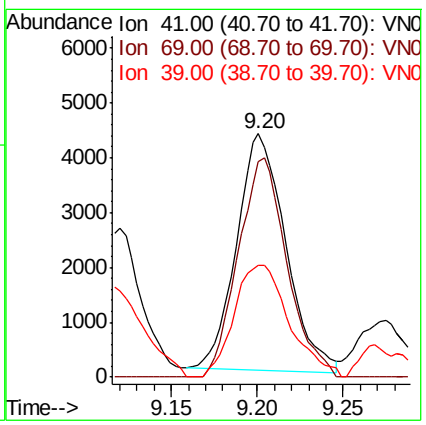


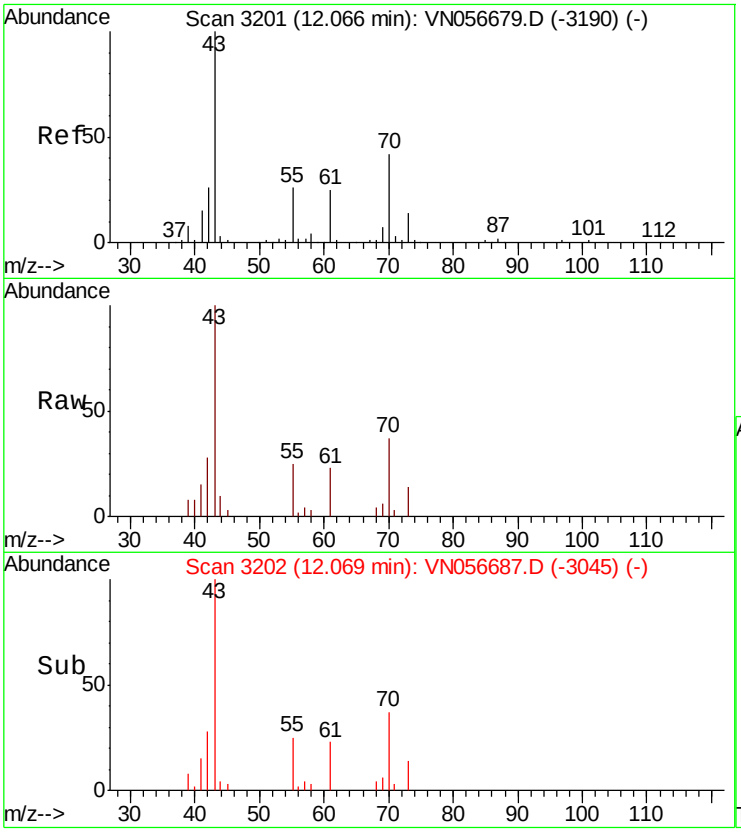


#46
Methyl methacrylate
Concen: 2.382 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 41 Resp: 8527

Ion	Ratio	Lower	Upper
41	100		
69	91.9	43.0	129.0
39	47.5	25.1	75.4



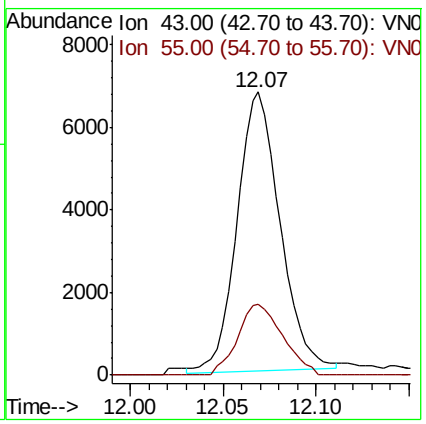


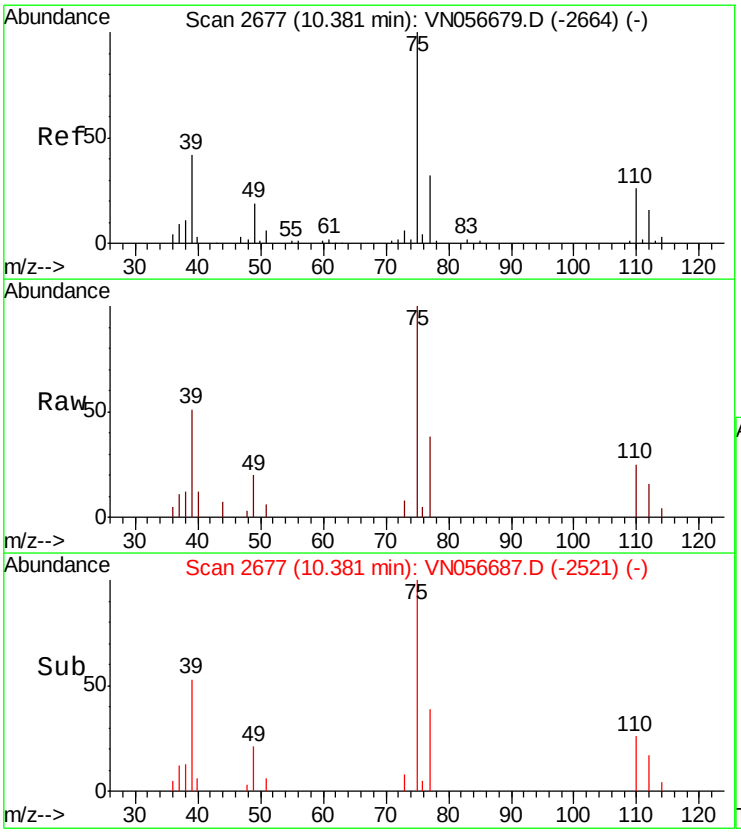
#47
n-amyl Acetate
Concen: 1.792 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 43 Resp: 10924

Ion	Ratio	Lower	Upper
43	100		
55	26.4	20.7	31.1

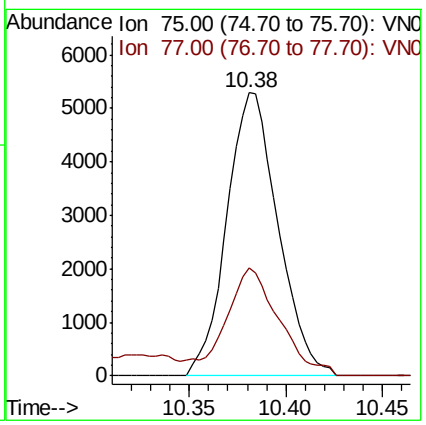


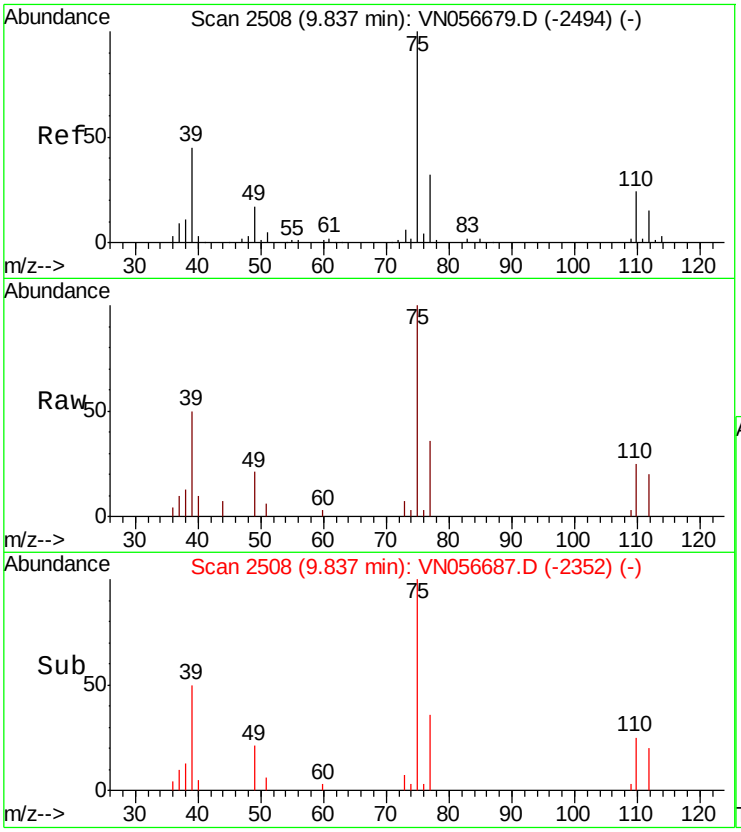


#48
t-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 75 Resp: 9742

Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.7	38.5



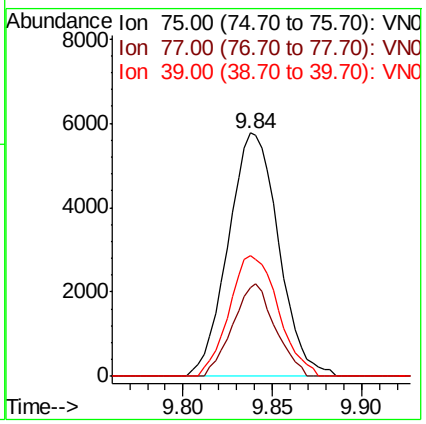


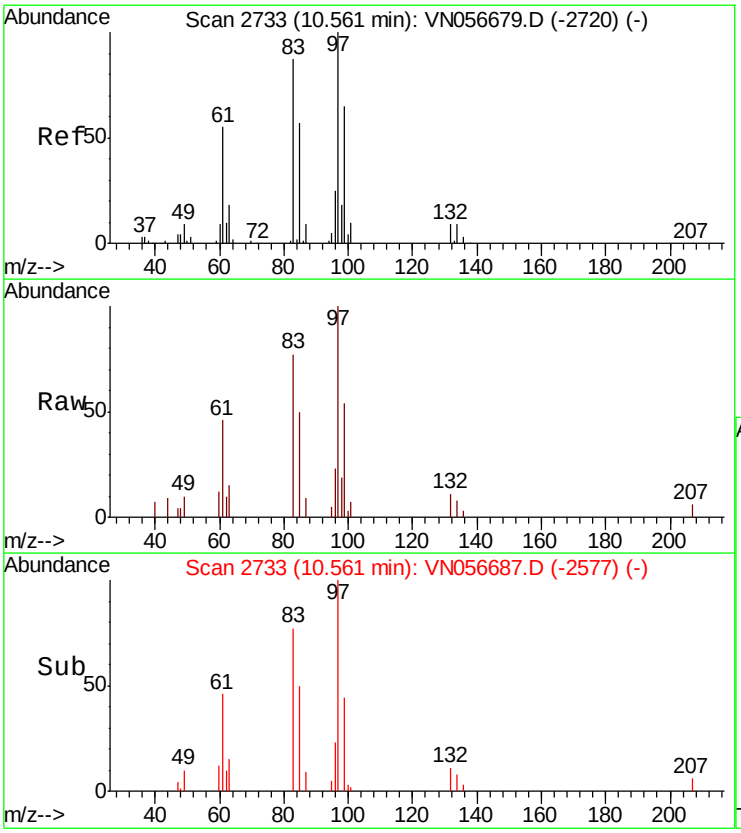
#49
cis-1,3-Dichloropropene
Concen: 2.067 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 75 Resp: 11339

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.0	39.0
39	49.6	36.2	54.4

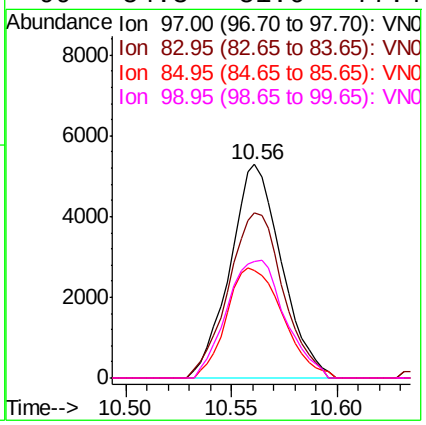


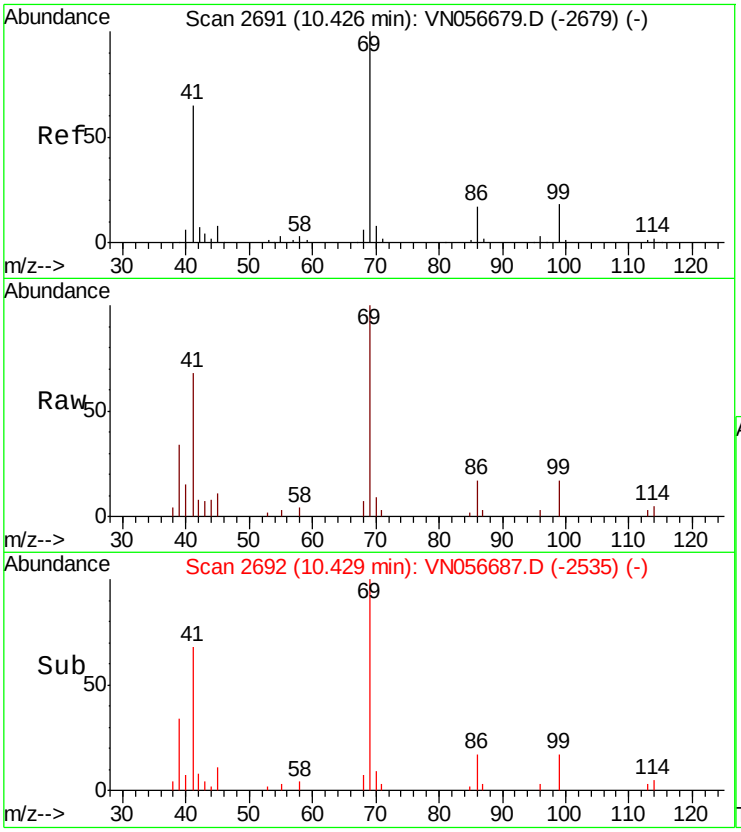


#50
1,1,2-Trichloroethane
Concen: 2.575 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 97 Resp: 9001

Ion	Ratio	Lower	Upper
97	100		
83	77.2	69.2	103.8
85	50.2	45.3	67.9
99	54.3	51.6	77.4



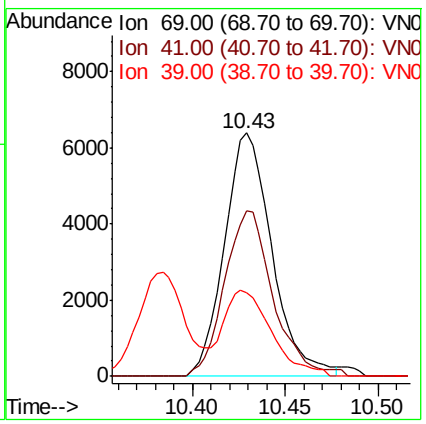


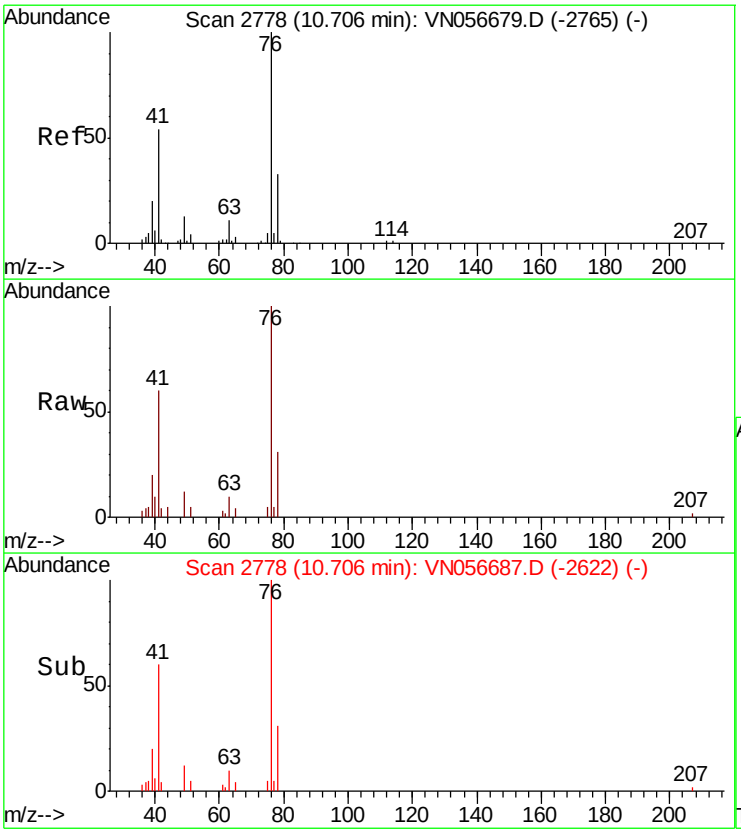
#51
Ethyl methacrylate
Concen: 2.121 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 69 Resp: 11402

Ion	Ratio	Lower	Upper
69	100		
41	67.9	32.8	98.3
39	34.4	15.4	46.2

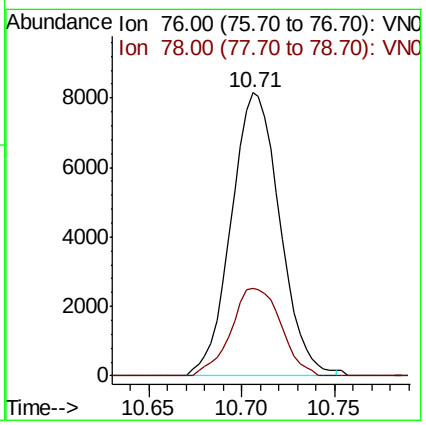


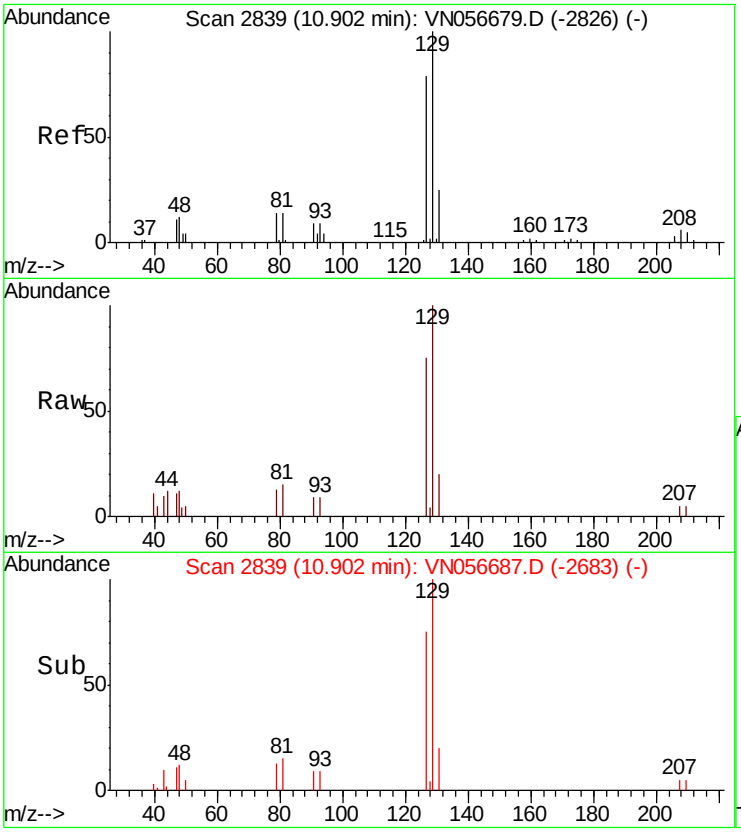


#52
1,3-Dichloropropane
Concen: 2.541 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 76 Resp: 14863

Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	63.6



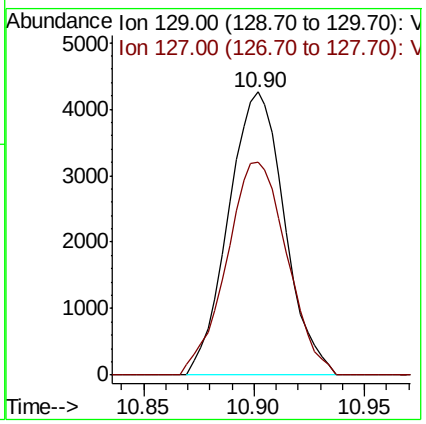


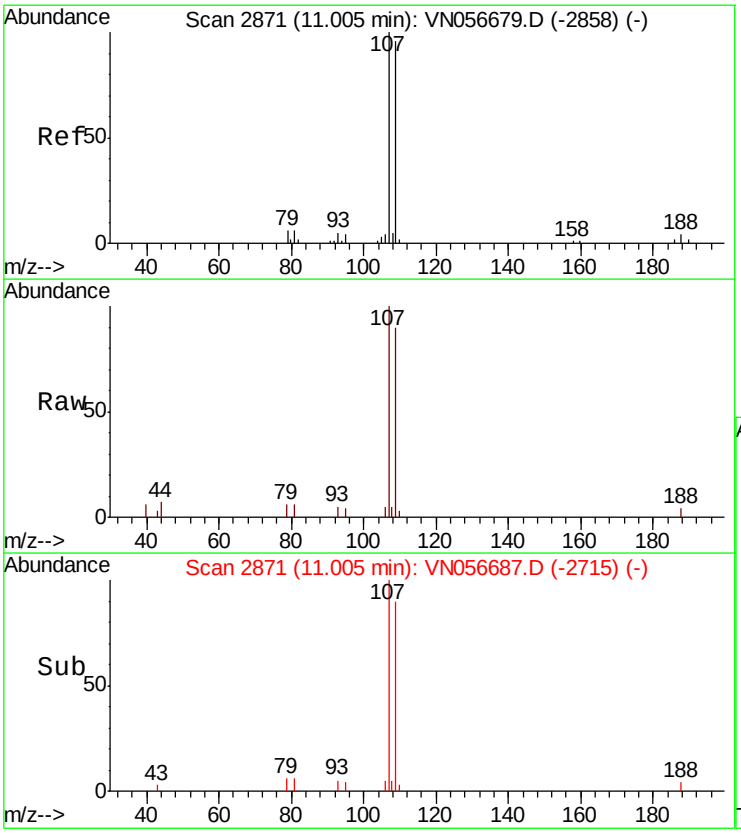
#53
Dibromochloromethane
Concen: 2.128 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:129 Resp: 7516

Ion	Ratio	Lower	Upper
129	100		
127	80.9	38.7	116.1

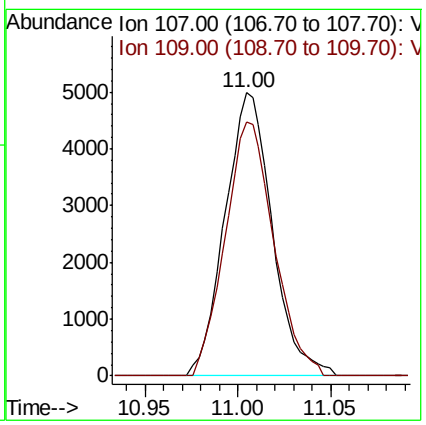


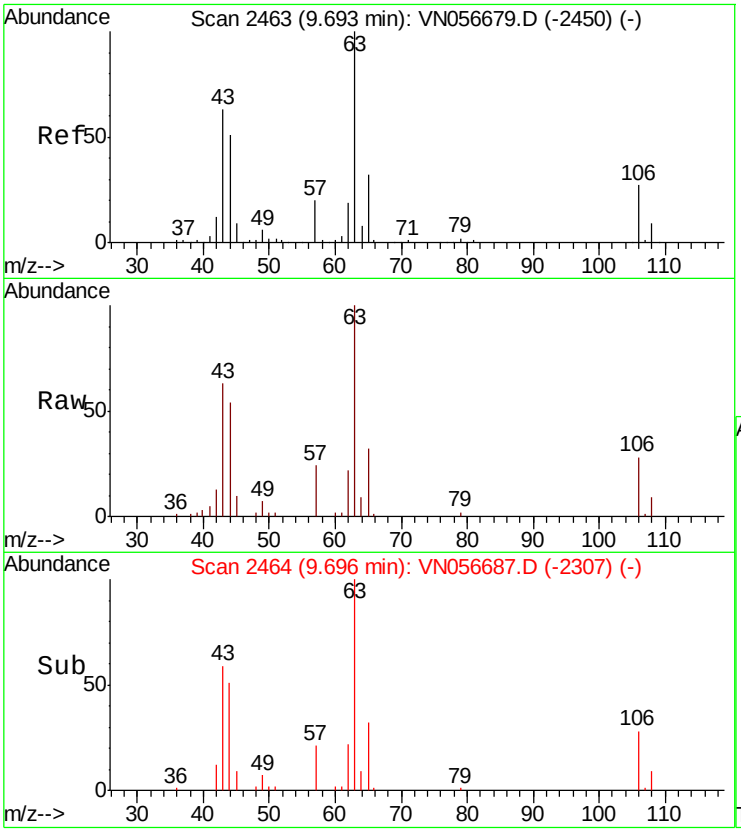


#54
1,2-Dibromoethane
Concen: 2.426 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:107 Resp: 8811

Ion	Ratio	Lower	Upper
107	100		
109	92.3	77.9	116.9



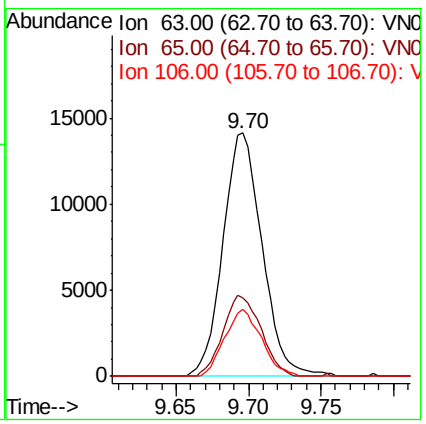


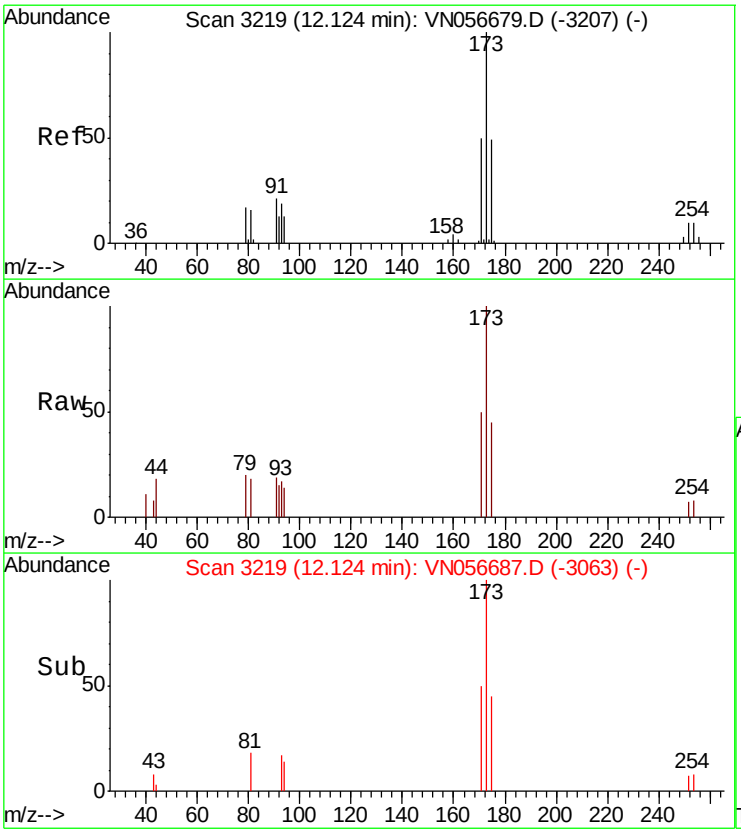
#55
2-Chloroethyl vinyl ether
Concen: 10.223 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 63 Resp: 26577

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.2	37.8
106	25.8	21.6	32.4

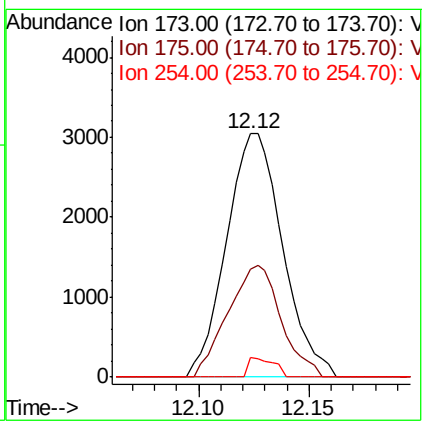


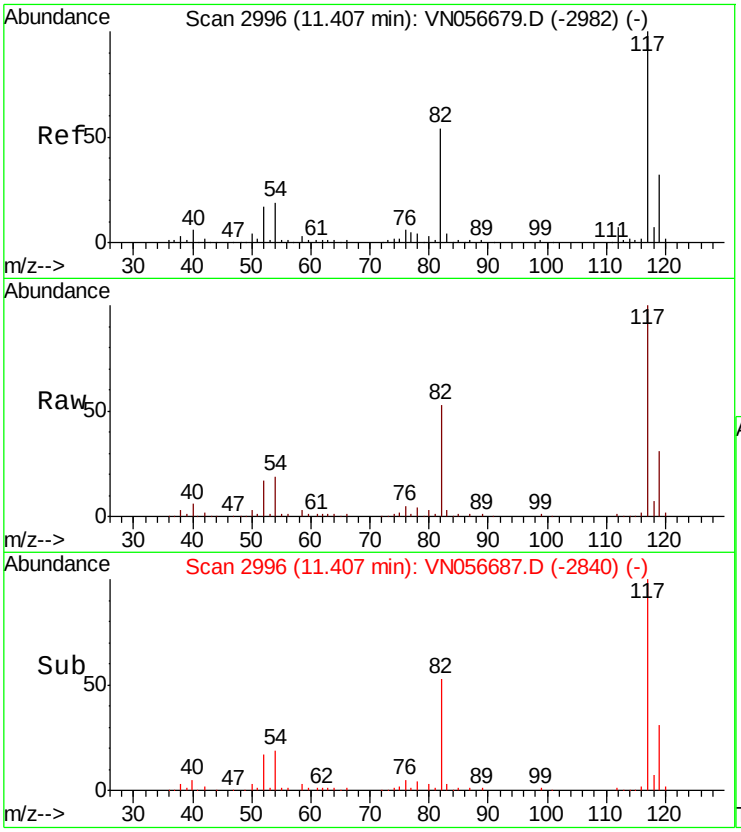


#56
Bromoform
Concen: 2.058 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:173 Resp: 5382

Ion	Ratio	Lower	Upper
173	100		
175	43.6	39.7	59.5
254	3.7	7.8	11.8#



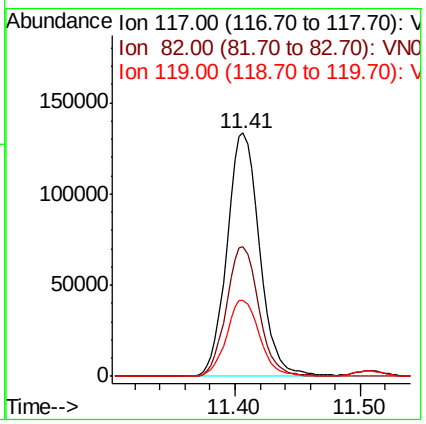


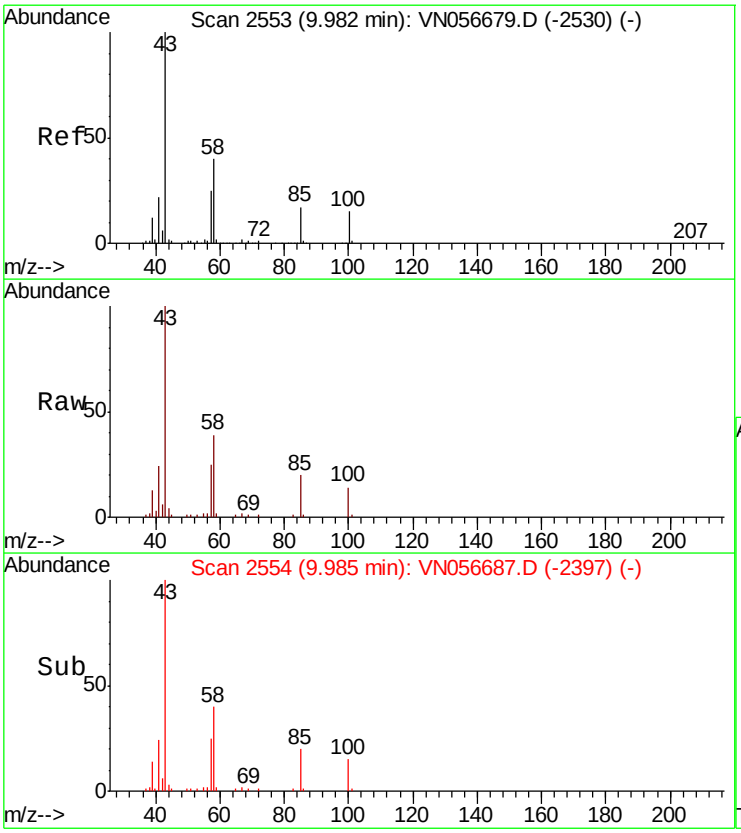
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:117 Resp: 240489

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	31.9	26.0	39.0

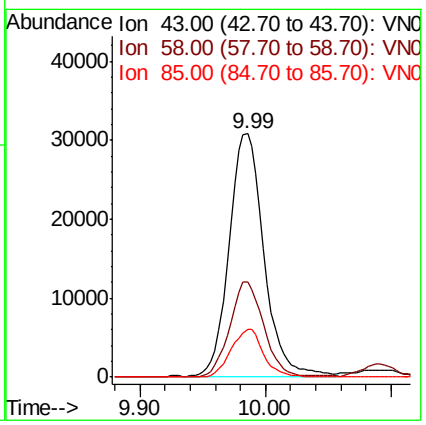


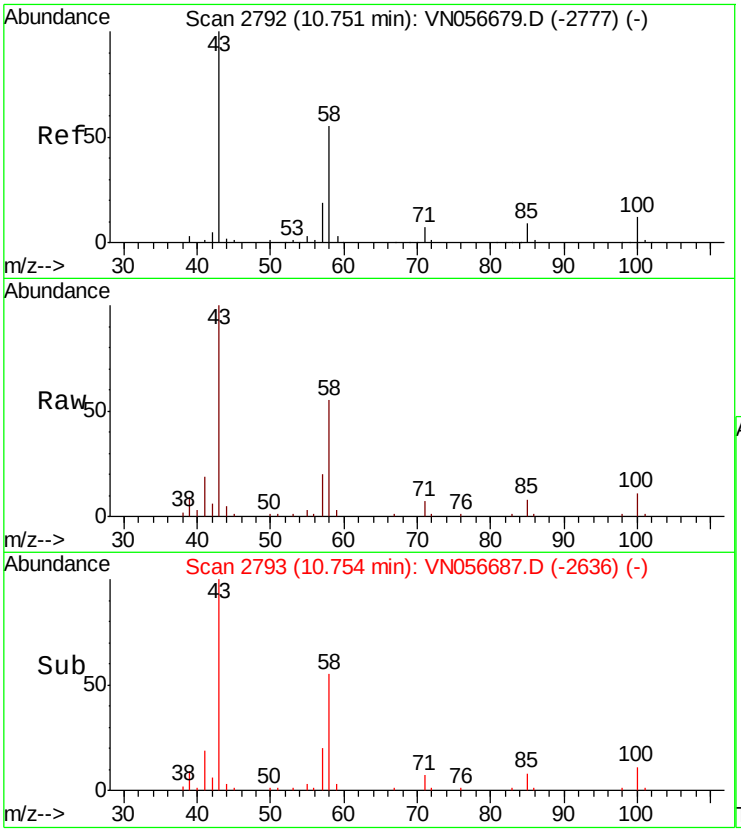


#58
4-Methyl-2-Pentanone
Concen: 13.216 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 59819

Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.9	47.9
85	18.1	14.2	21.4



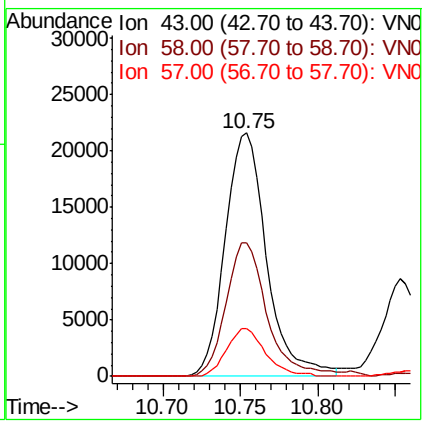


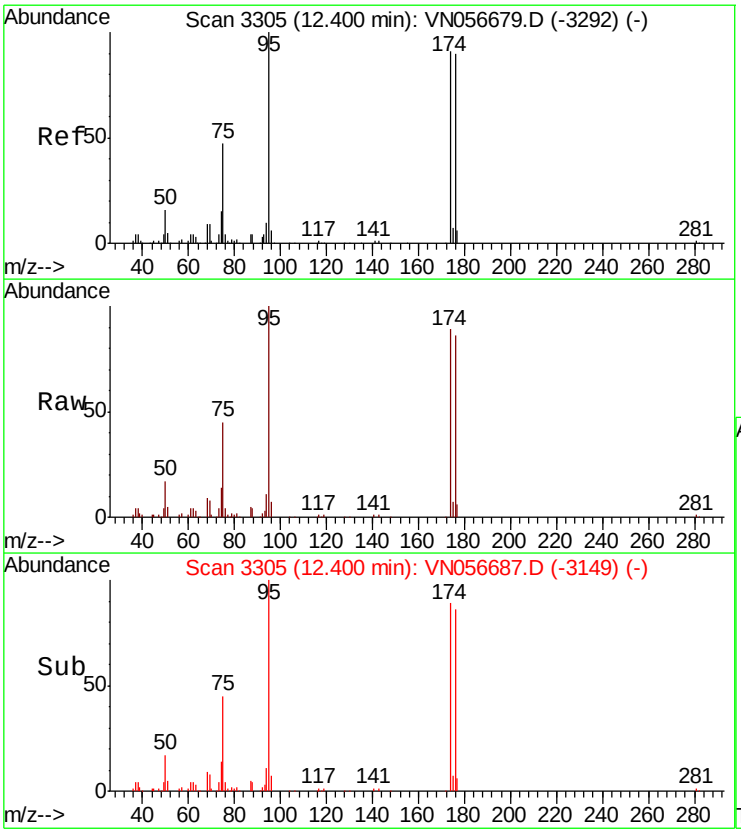
#59
2-Hexanone
Concen: 11.707 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 43 Resp: 40223

Ion	Ratio	Lower	Upper
43	100		
58	54.0	44.4	66.6
57	17.8	15.2	22.8

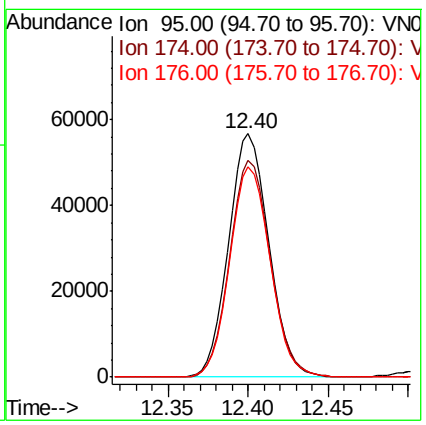


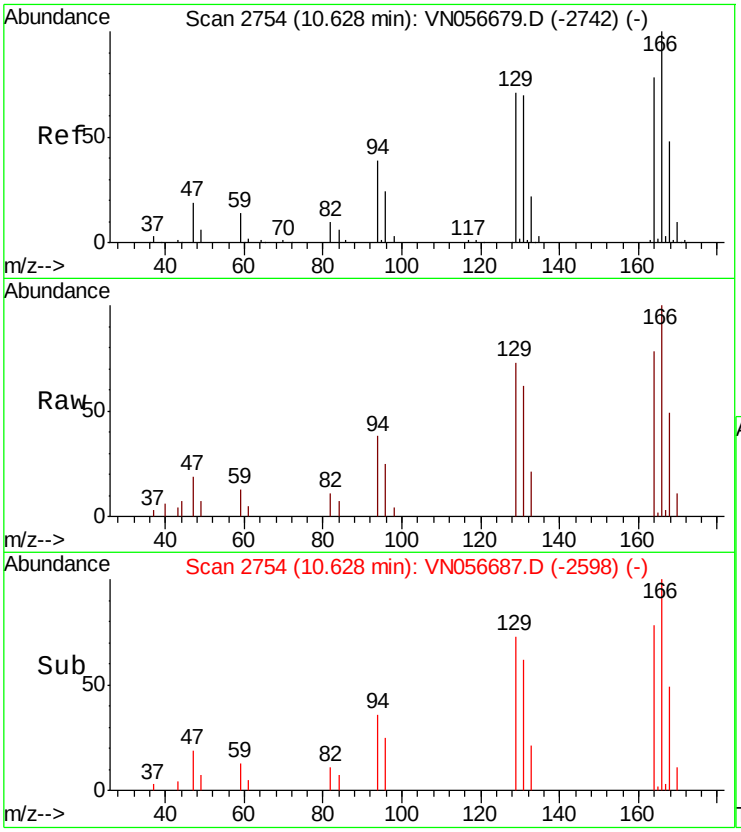


#60
4-Bromofluorobenzene
Concen: 26.462 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 95 Resp: 97394

Ion	Ratio	Lower	Upper
95	100		
174	89.4	72.6	108.8
176	86.7	71.0	106.6



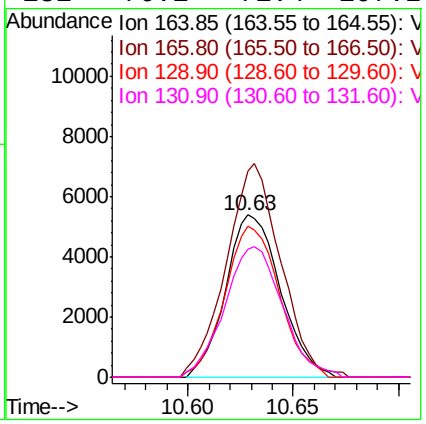


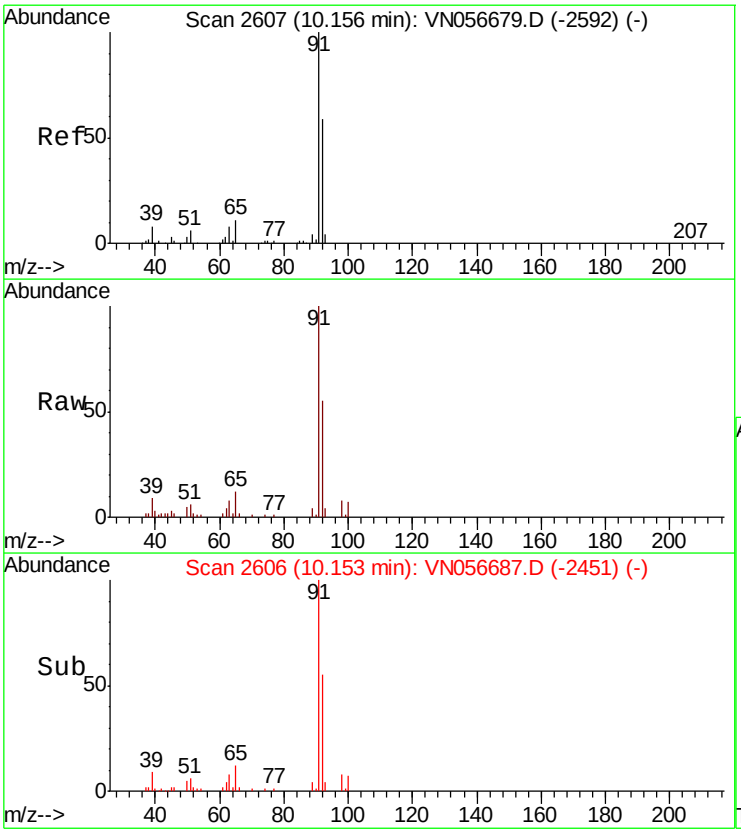
#61
Tetrachloroethene
Concen: 2.815 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT3-2019

Tgt Ion:164 Resp: 9728

Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.3	153.5
129	93.1	72.6	108.8
131	76.1	71.4	107.2

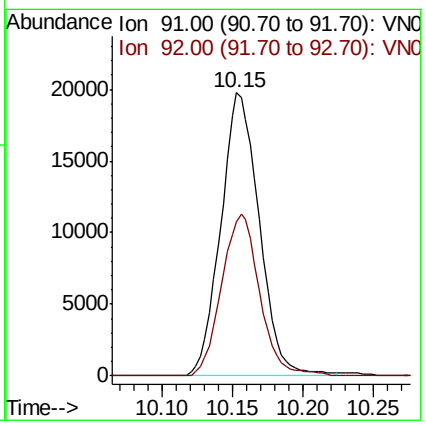


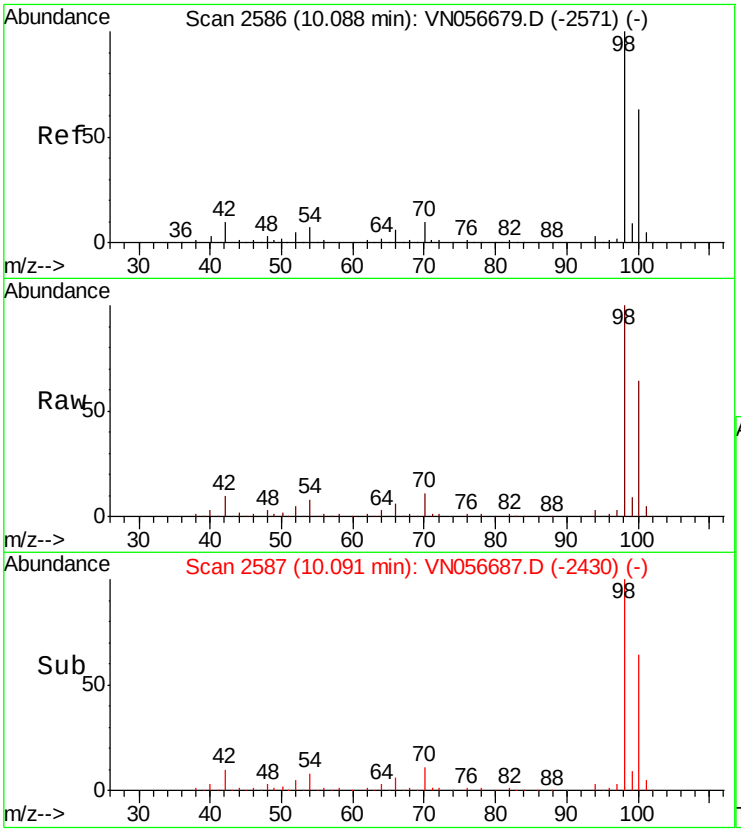


#62
Toluene
Concen: 2.664 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 37636

Ion	Ratio	Lower	Upper
91	100		
92	56.7	46.7	70.1



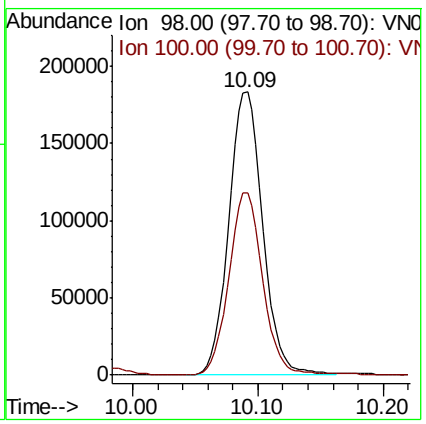


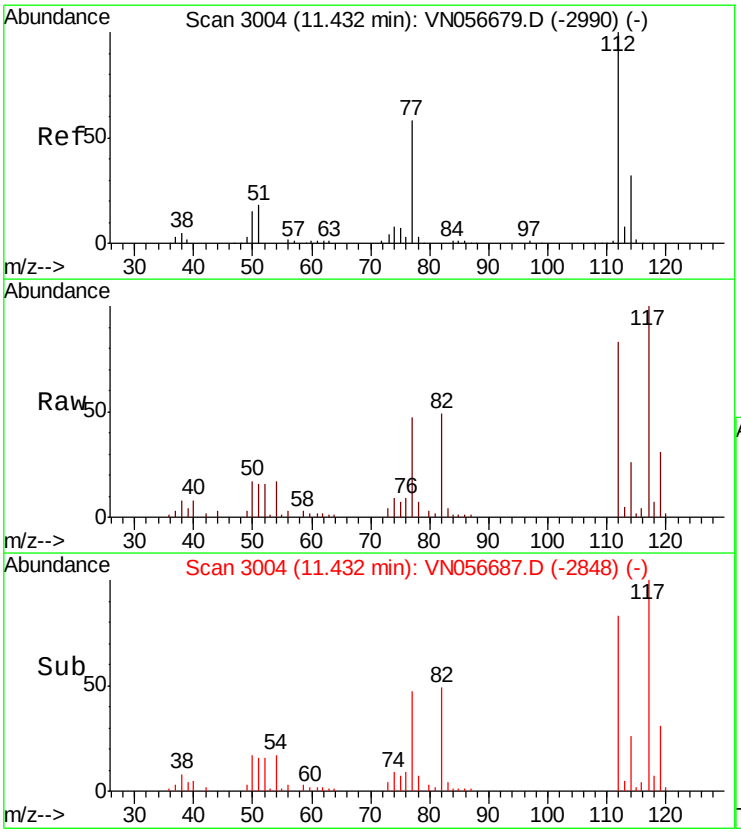
#63
Toluene-d8
Concen: 31.415 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 98 Resp: 345191

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.1	76.7

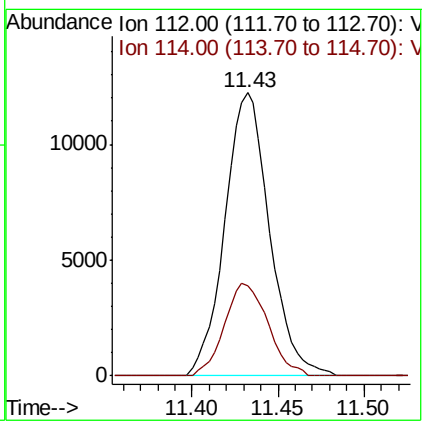


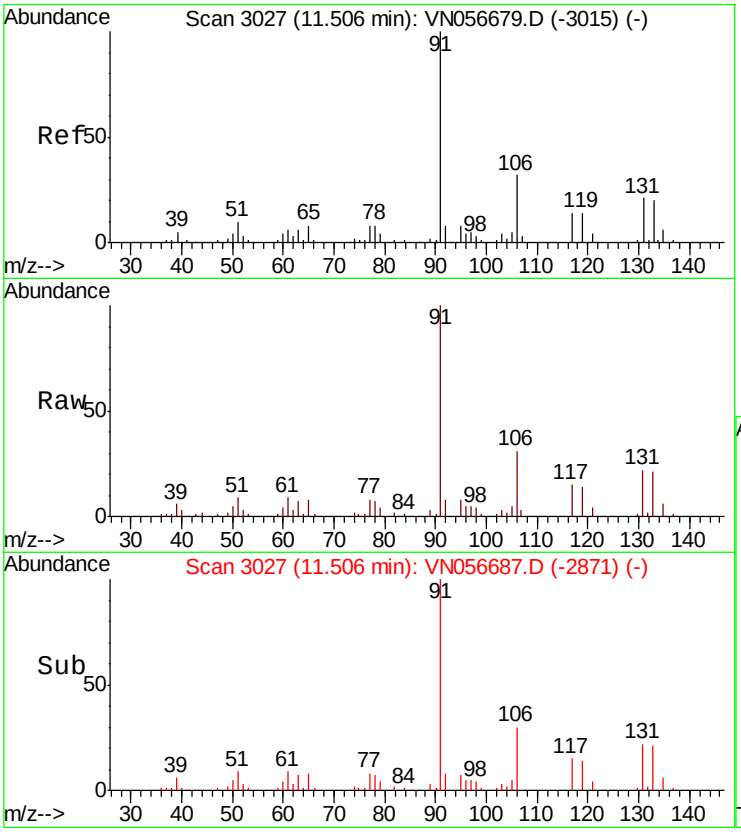


#64
Chlorobenzene
Concen: 2.561 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:112 Resp: 22066

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.3	37.9



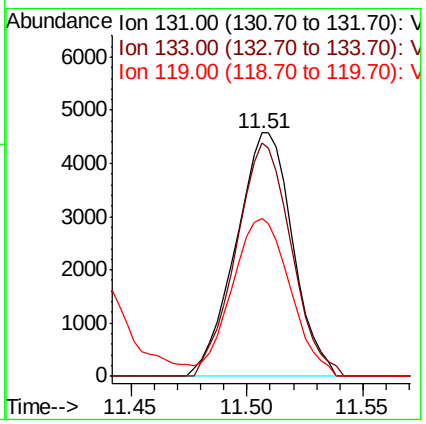


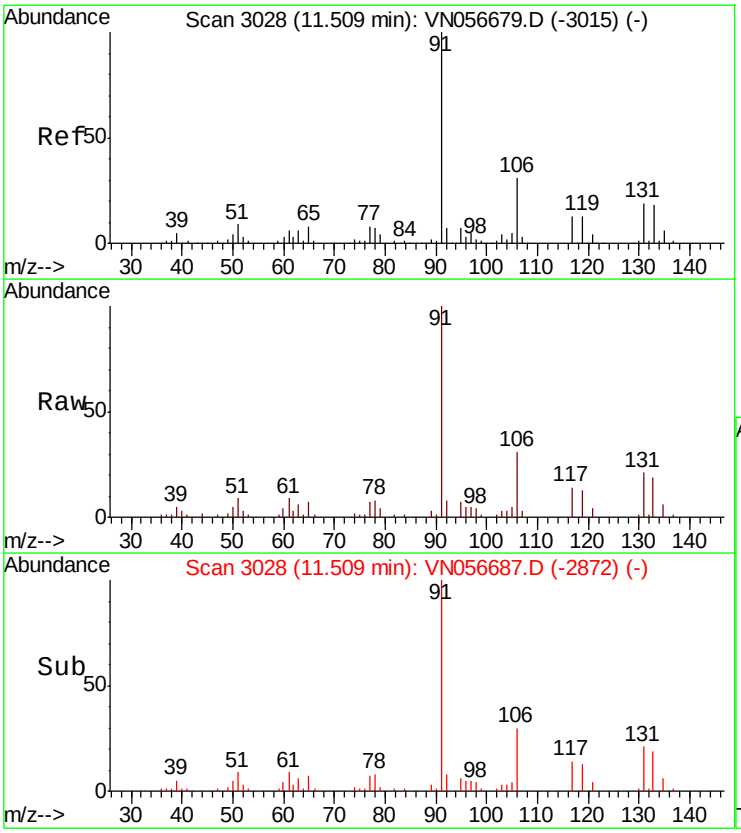
#65
1,1,1,2-Tetrachloroethane
Concen: 2.464 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:131 Resp: 7781

Ion	Ratio	Lower	Upper
131	100		
133	93.6	0.0	191.4
119	66.4	0.0	133.4

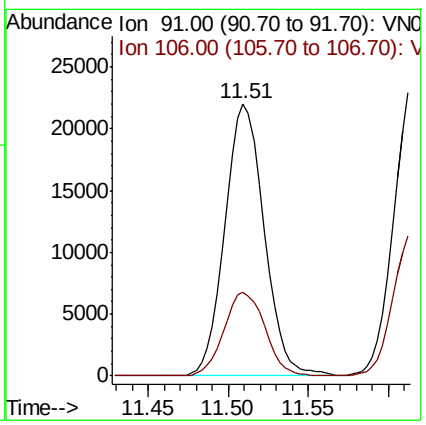


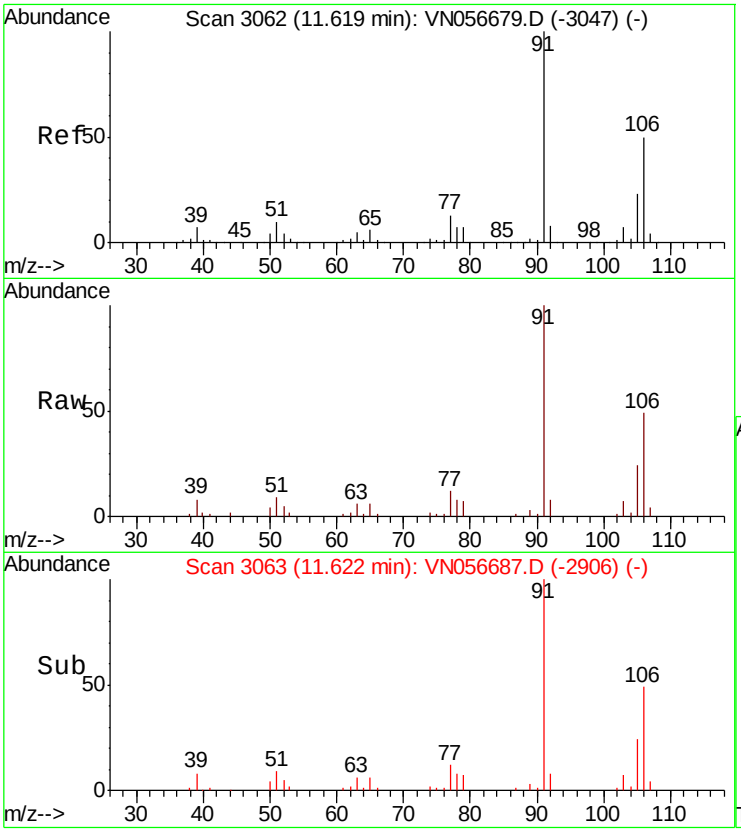


#66
Ethyl Benzene
Concen: 2.415 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 36877

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.1	37.7



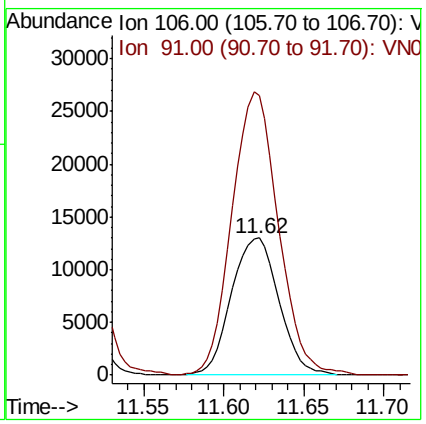


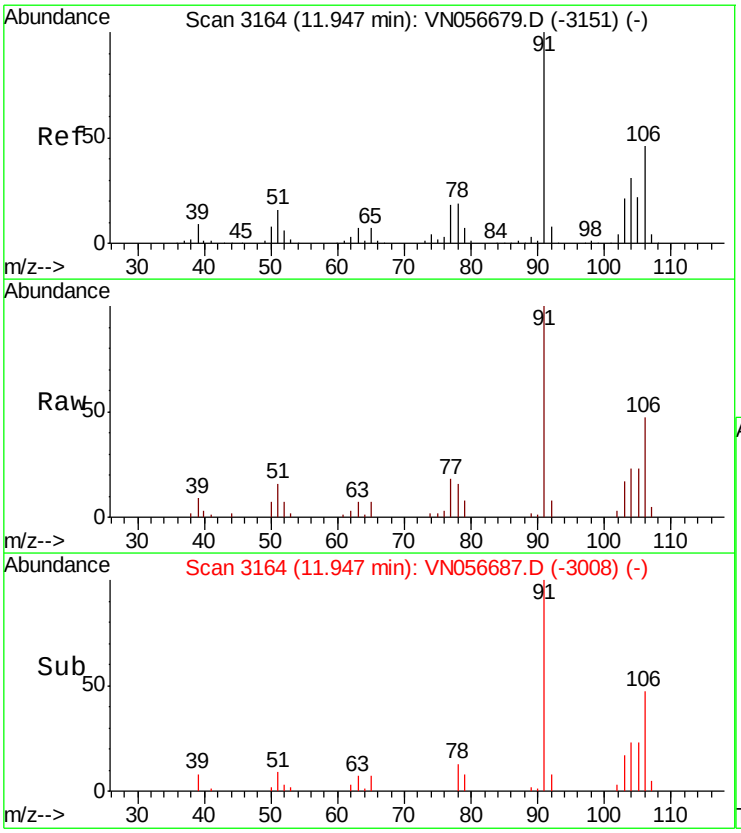
#67
m/p-Xylenes
Concen: 4.590 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:106 Resp: 26450

Ion	Ratio	Lower	Upper
106	100		
91	201.6	161.8	242.8

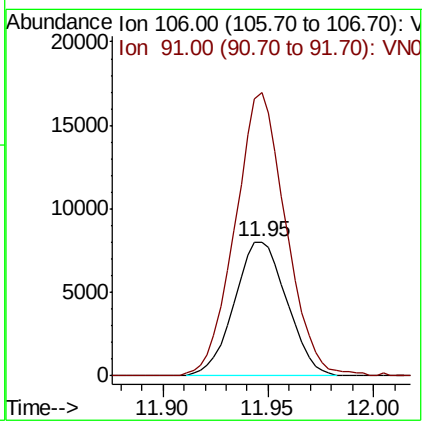


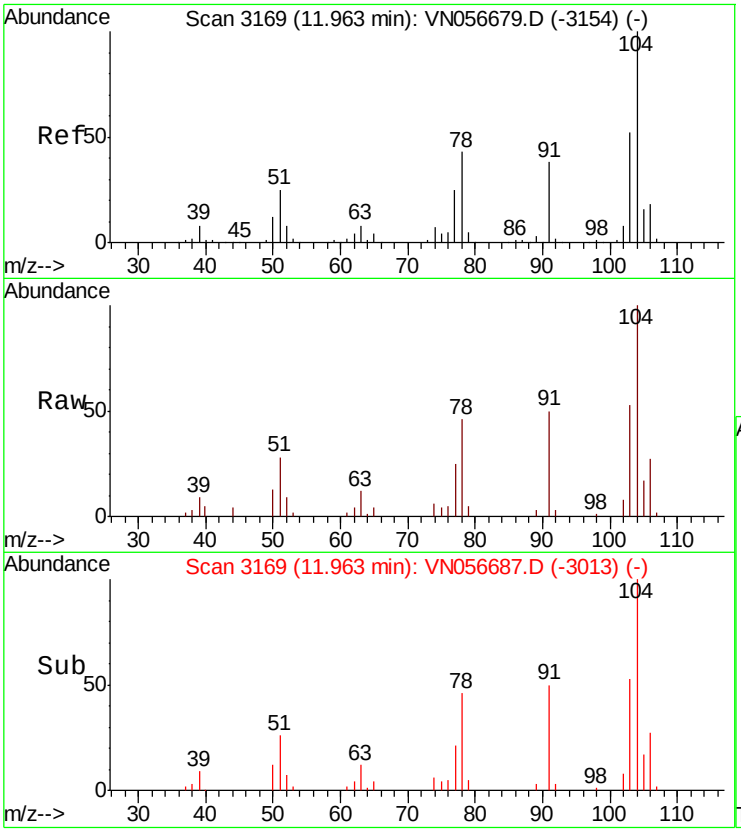


#68
o-Xylene
Concen: 2.471 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:106 Resp: 13886

Ion	Ratio	Lower	Upper
106	100		
91	204.4	108.1	324.2



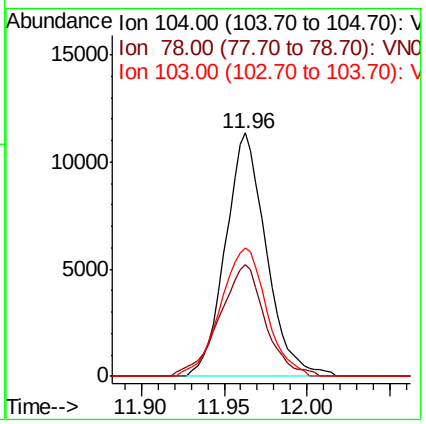


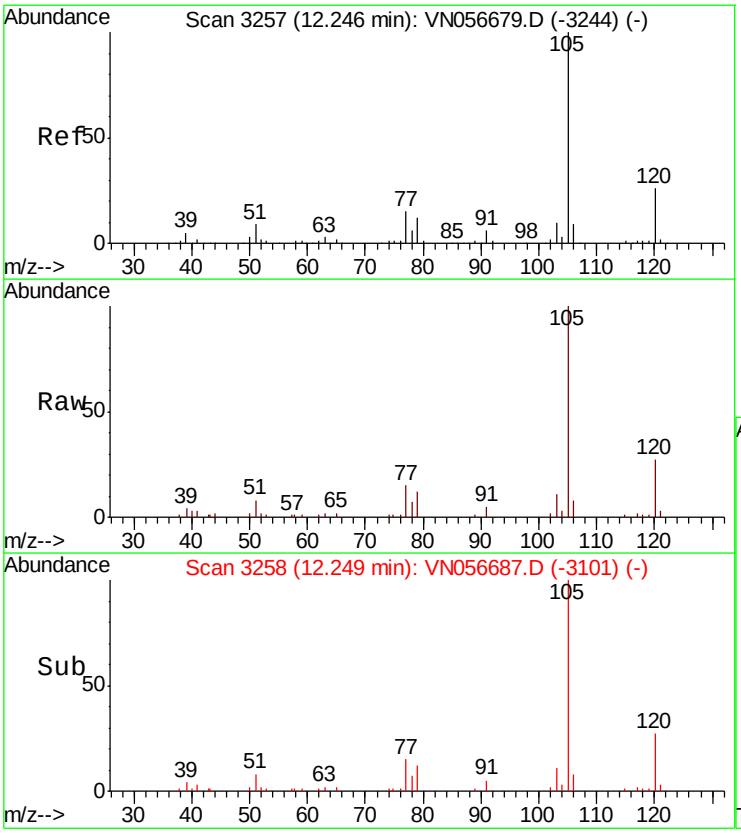
#69
Stvrene
Concen: 2.085 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:104 Resp: 19420

Ion	Ratio	Lower	Upper
104	100		
78	51.4	38.7	58.1
103	59.0	45.0	67.4

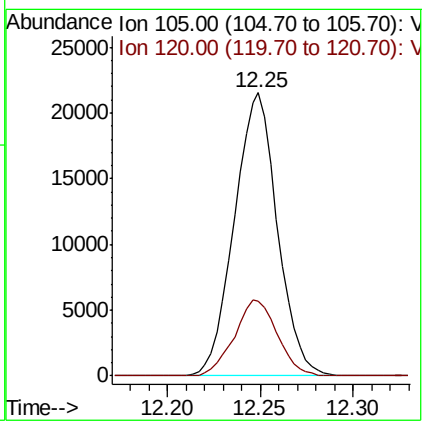


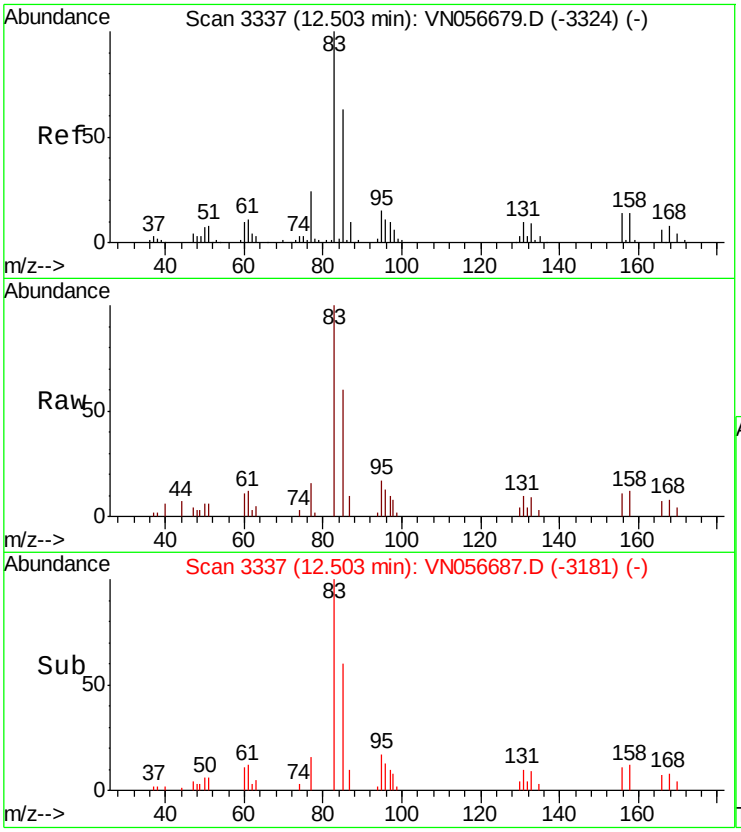


#70
Isopropylbenzene
Concen: 2.354 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:105 Resp: 34677

Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.6	34.5



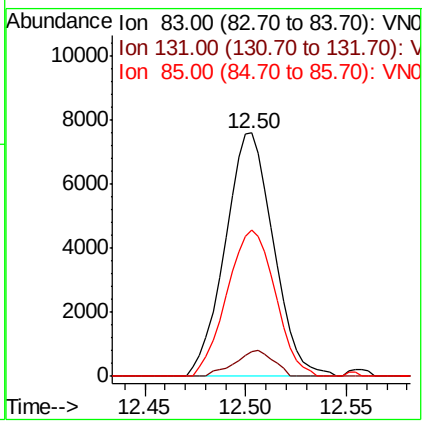


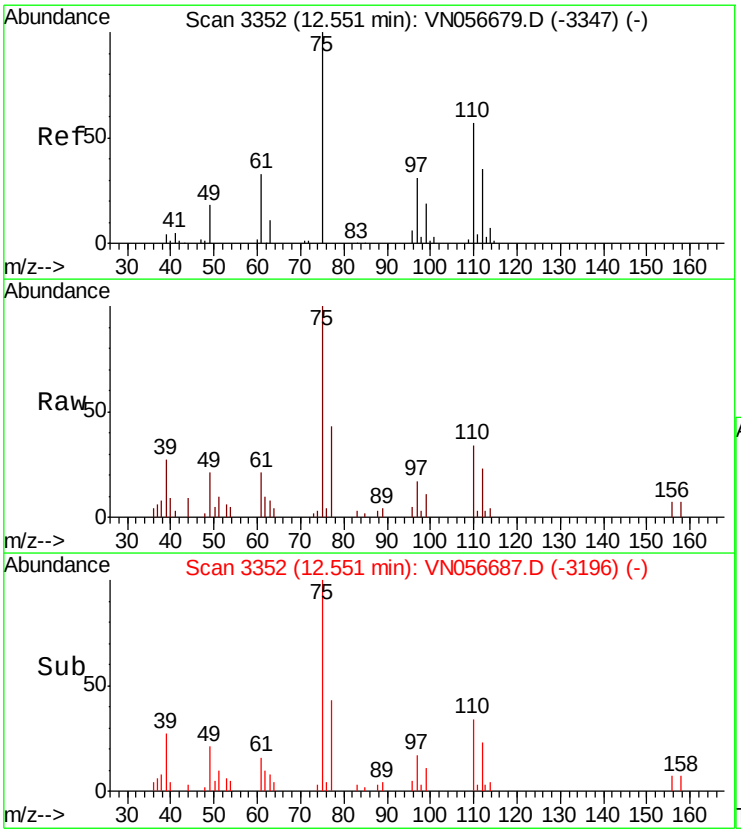
#71
1,1,2,2-Tetrachloroethane
Concen: 2.662 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 83 Resp: 12730

Ion	Ratio	Lower	Upper
83	100		
131	8.6	5.1	15.3
85	60.2	31.9	95.7

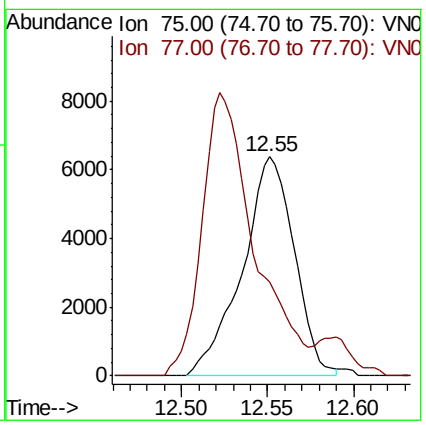


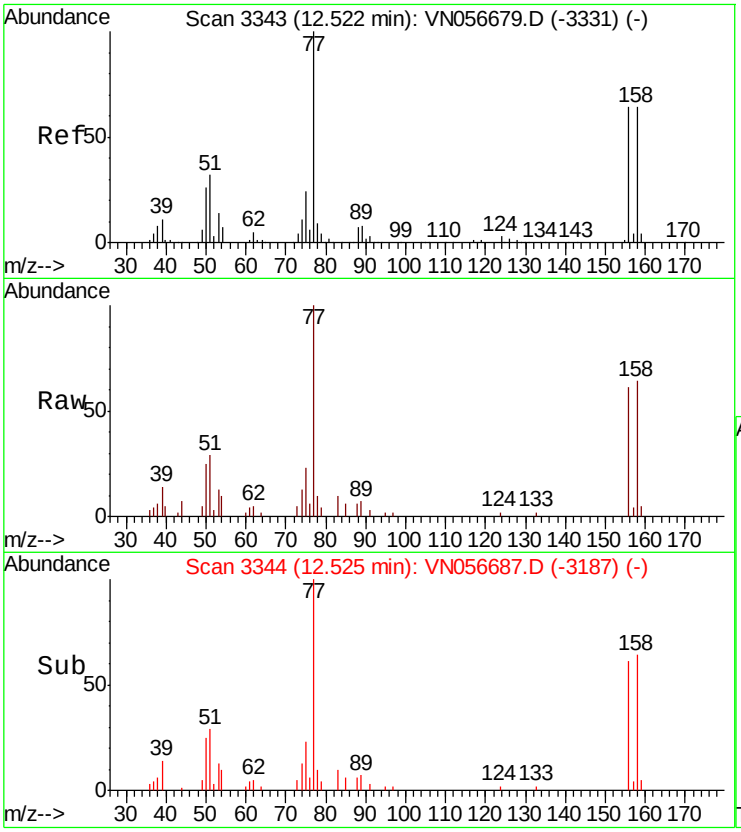


#72
1,2,3-Trichloropropane
Concen: 3.290 ug/l
RT: 12.55 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 75 Resp: 13446

Ion	Ratio	Lower	Upper
75	100		
77	130.3	0.0	352.2



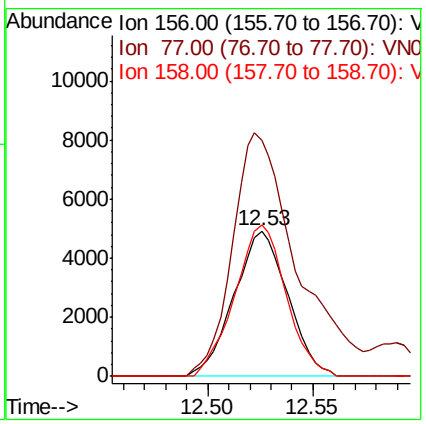


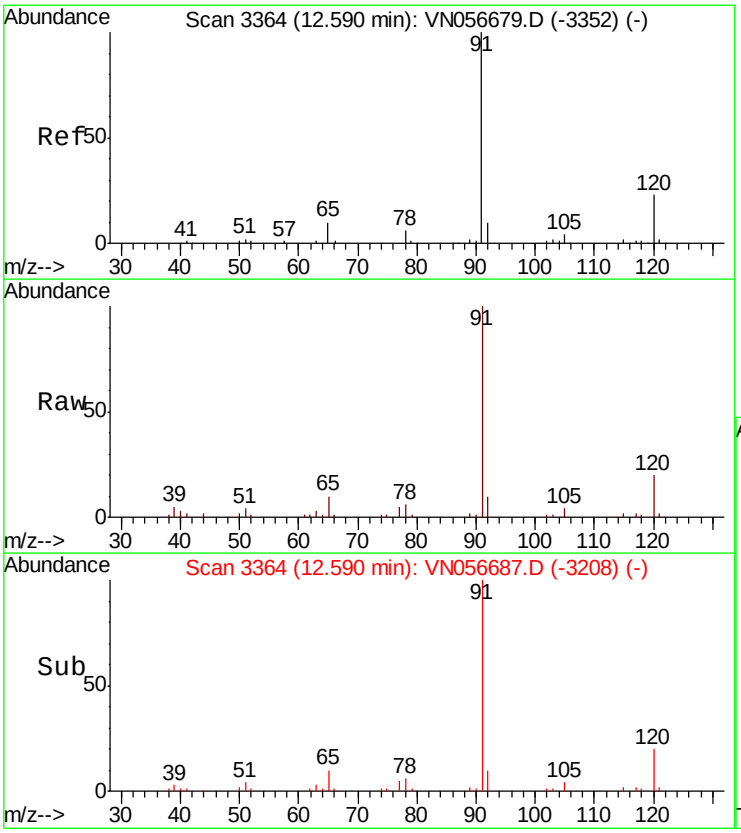
#73
Bromobenzene
Concen: 2.258 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:156 Resp: 8692

Ion	Ratio	Lower	Upper
156	100		
77	201.5	0.0	381.8
158	99.9	0.0	195.8

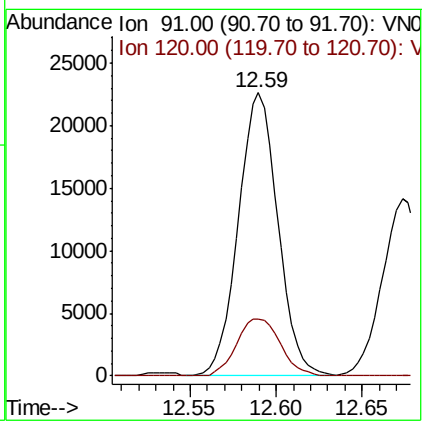


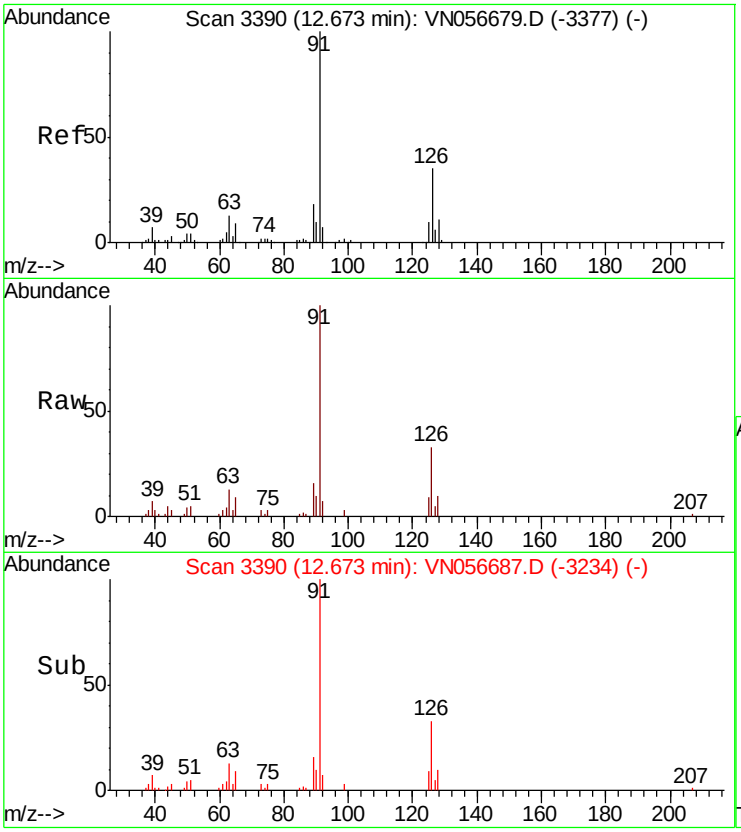


#74
n-propylbenzene
Concen: 2.178 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 36201

Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	45.6



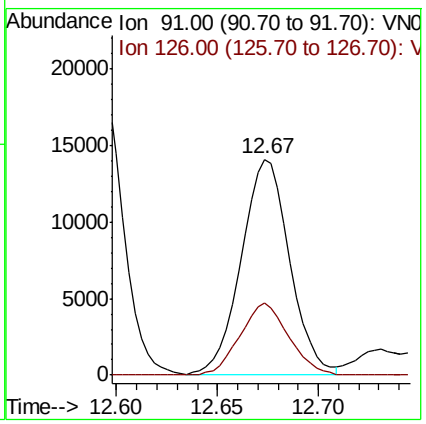


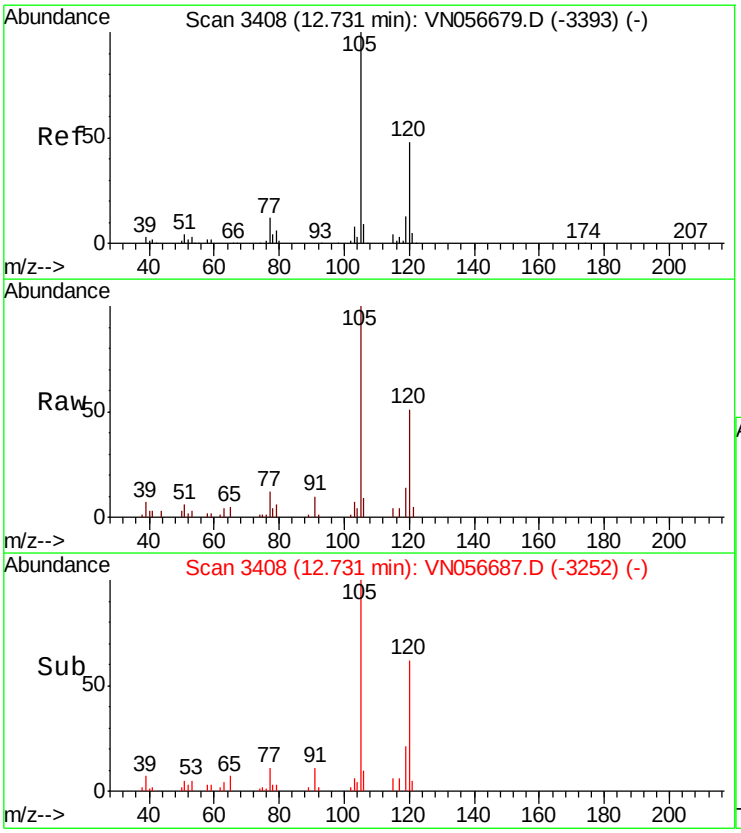
#75
2-Chlorotoluene
Concen: 2.376 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 91 Resp: 23785

Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	69.8

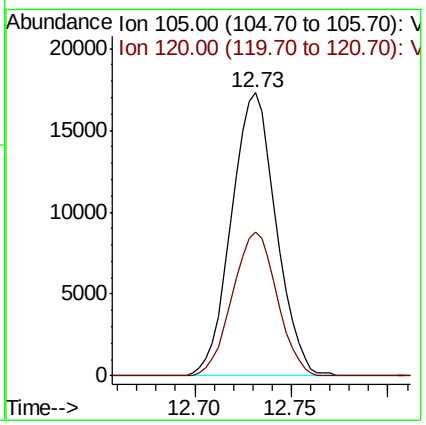


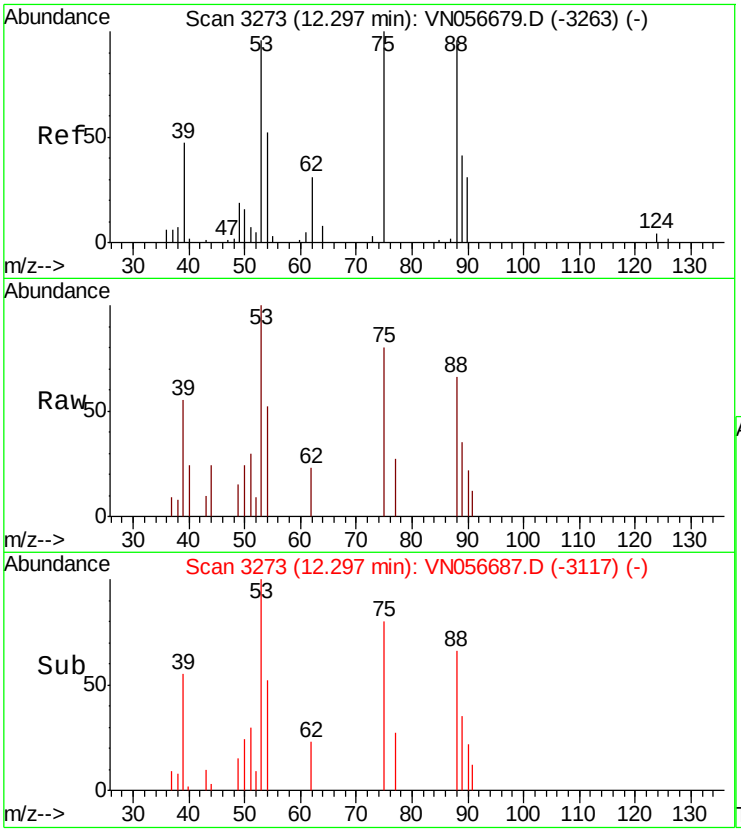


#76
1,3,5-Trimethylbenzene
Concen: 2.212 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:105 Resp: 27797

Ion	Ratio	Lower	Upper
105	100		
120	50.6	0.0	97.6



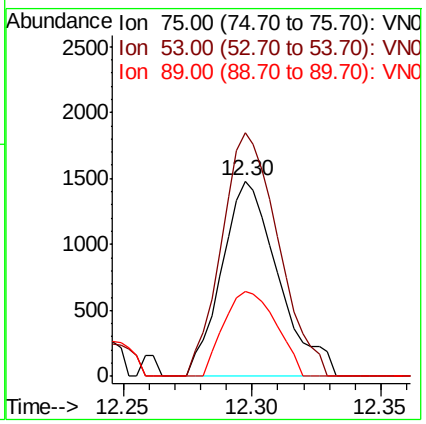


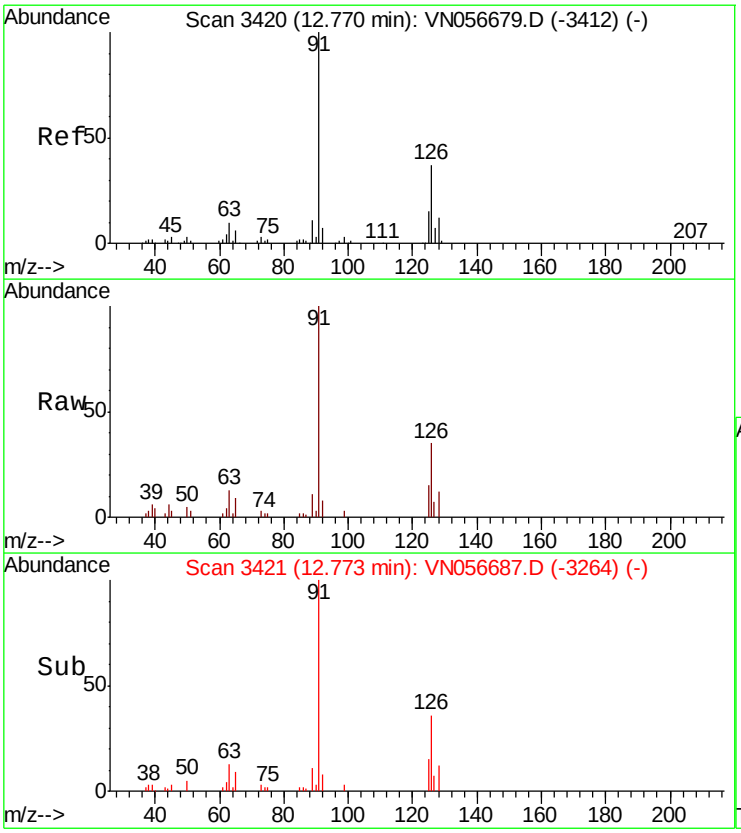
#77
t-1,4-Dichloro-2-butene
Concen: 1.672 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 75 Resp: 2272

Ion	Ratio	Lower	Upper
75	100		
53	124.5	48.6	145.8
89	43.2	21.3	64.0

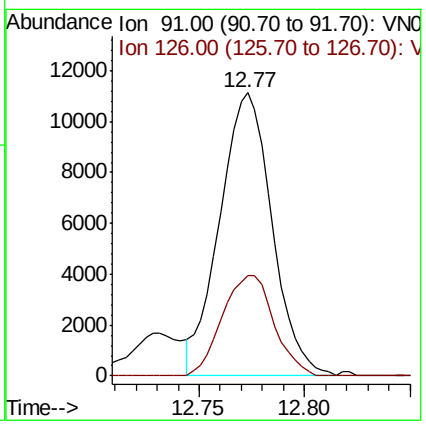


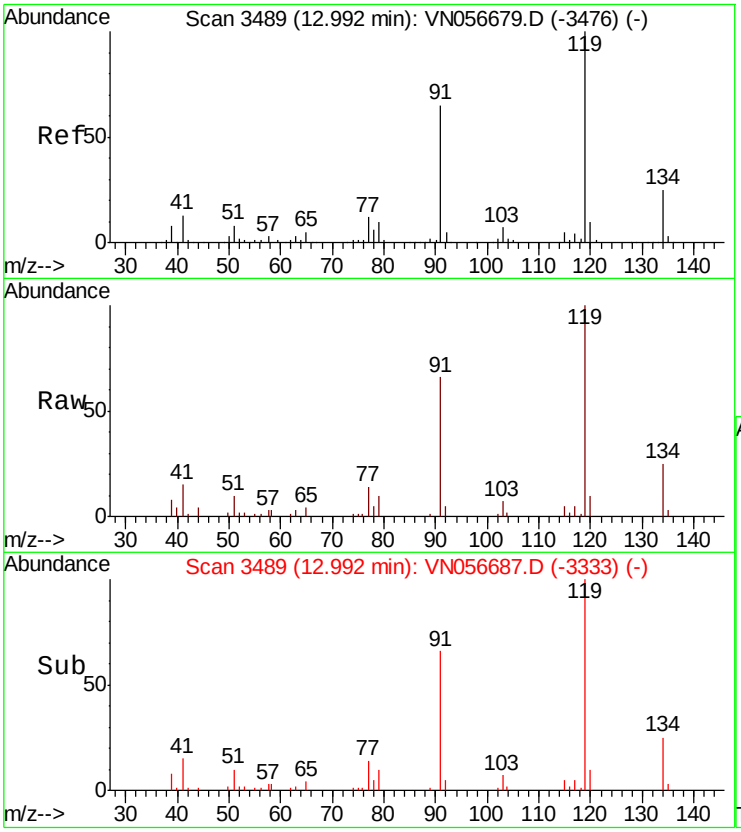


#78
4-Chlorotoluene
Concen: 1.975 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 19175

Ion	Ratio	Lower	Upper
91	100		
126	34.9	0.0	69.4



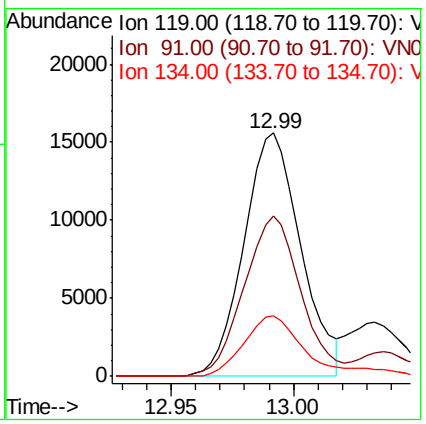


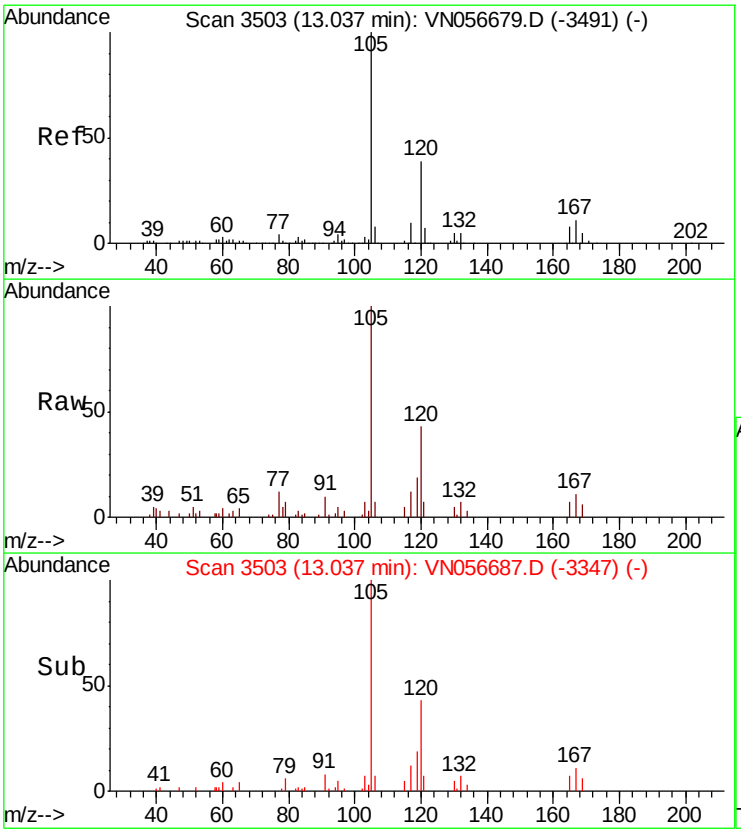
#79
tert-butylbenzene
Concen: 2.365 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:119 Resp: 25276

Ion	Ratio	Lower	Upper
119	100		
91	65.8	0.0	125.4
134	25.0	0.0	48.4

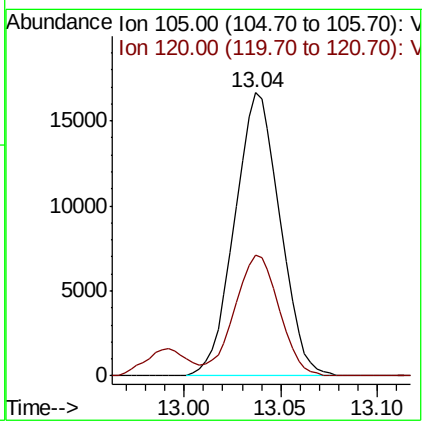


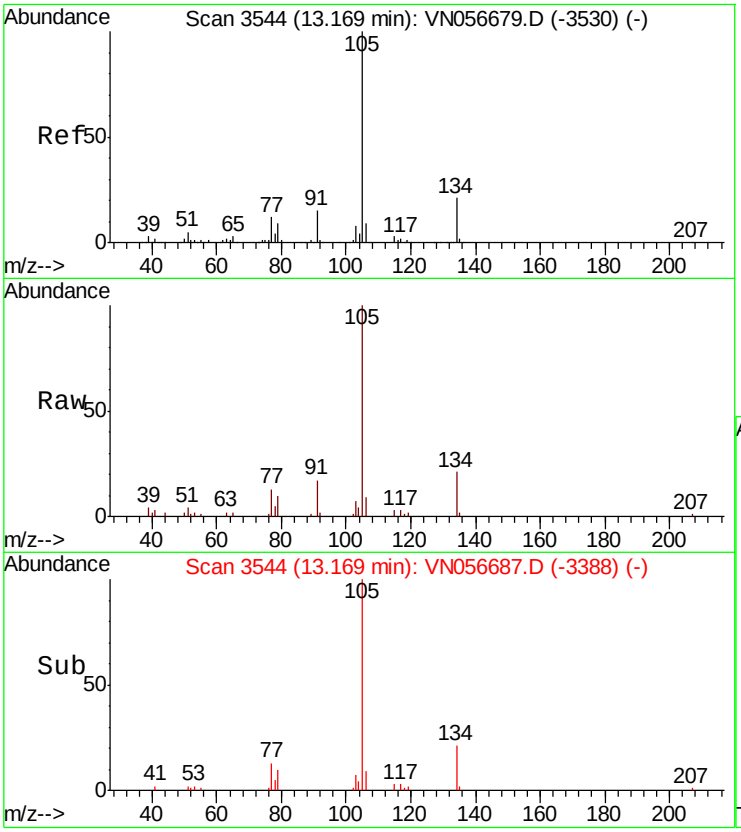


#80
1,2,4-Trimethylbenzene
Concen: 2.184 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:105 Resp: 27221

Ion	Ratio	Lower	Upper
105	100		
120	42.1	0.0	91.2



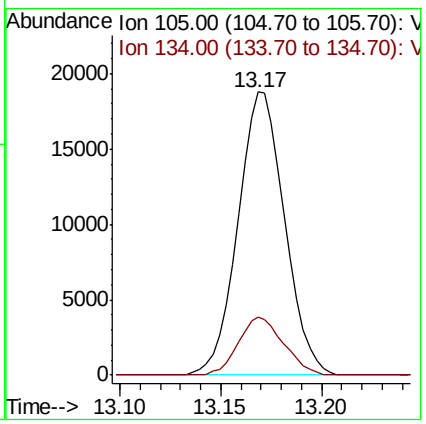


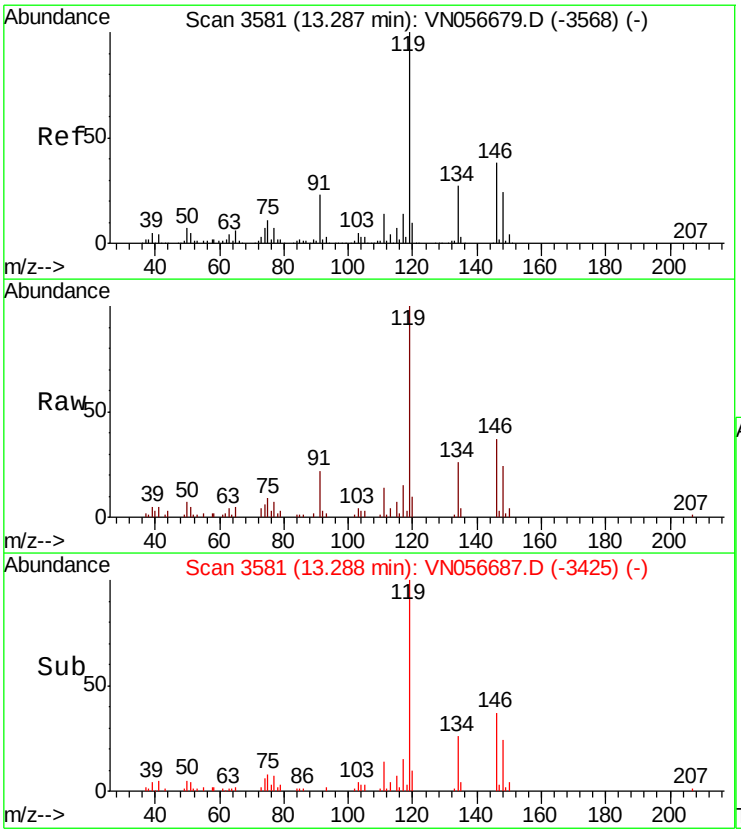
#81
sec-Butylbenzene
Concen: 2.146 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:105 Resp: 30359

Ion	Ratio	Lower	Upper
105	100		
134	19.8	0.0	40.8

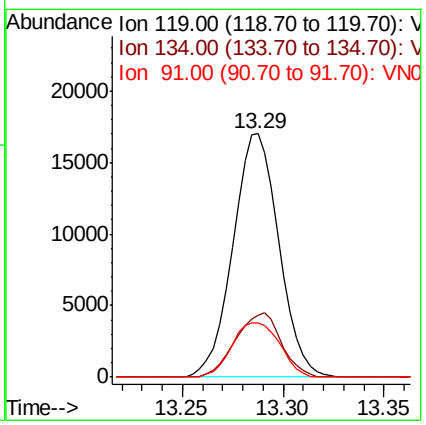


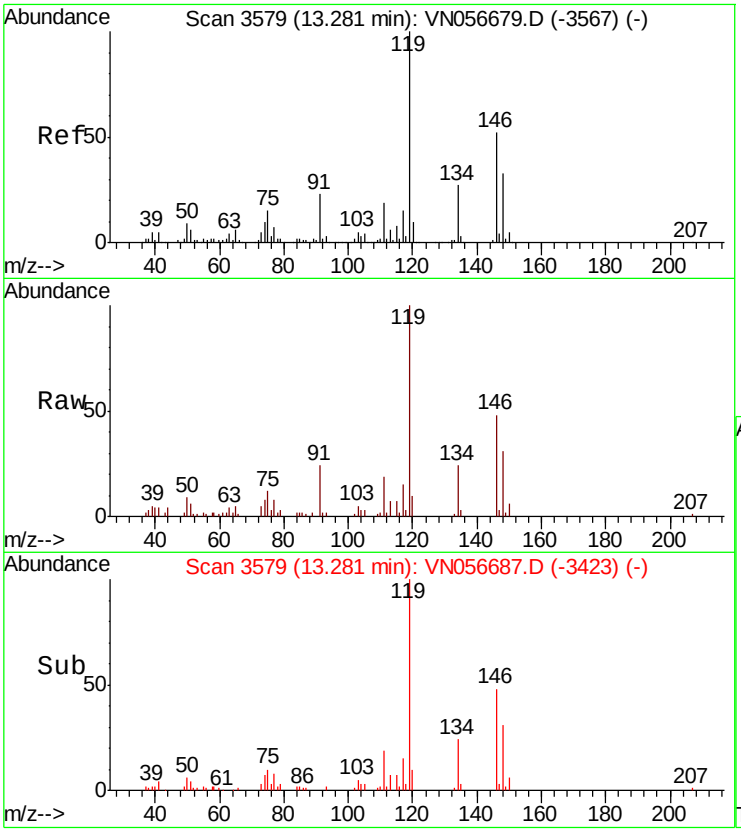


#82
p-Isopropyltoluene
Concen: 2.112 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:119 Resp: 27178

Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	52.8
91	23.3	0.0	45.4



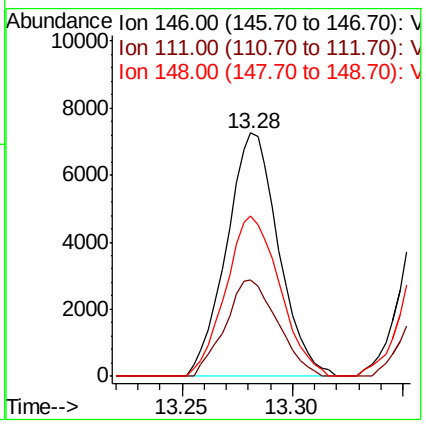


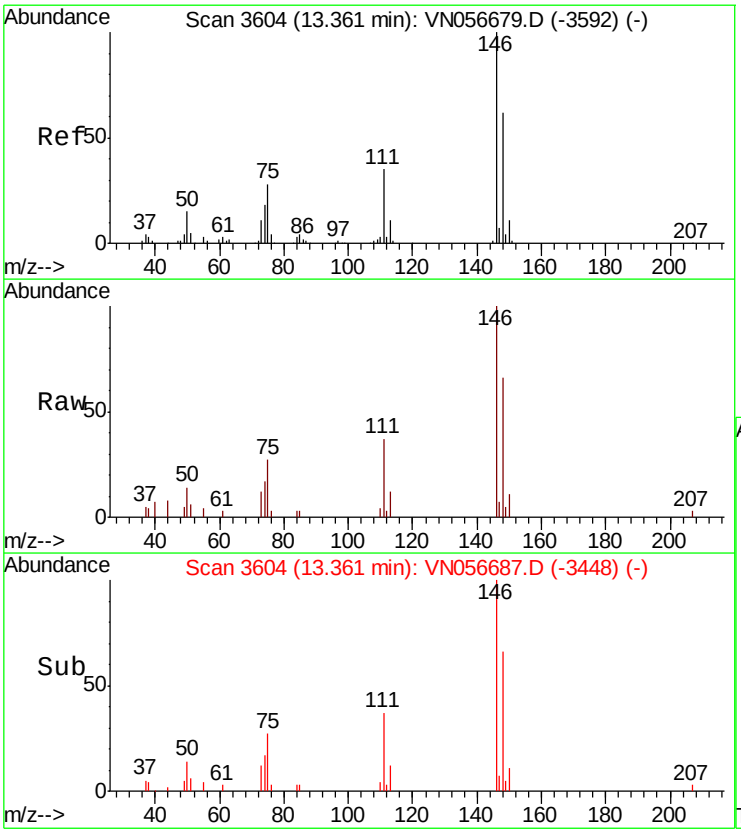
#83
1,3-Dichlorobenzene
Concen: 1.851 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:146 Resp: 11875

Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.7	56.1
148	68.4	31.8	95.4

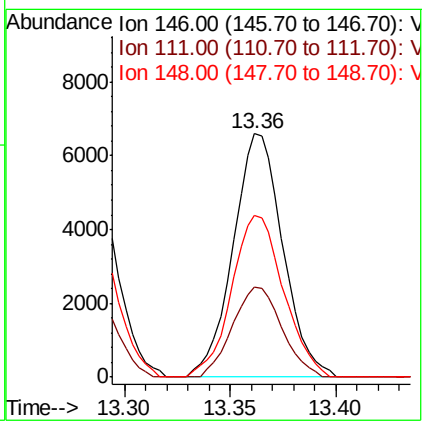


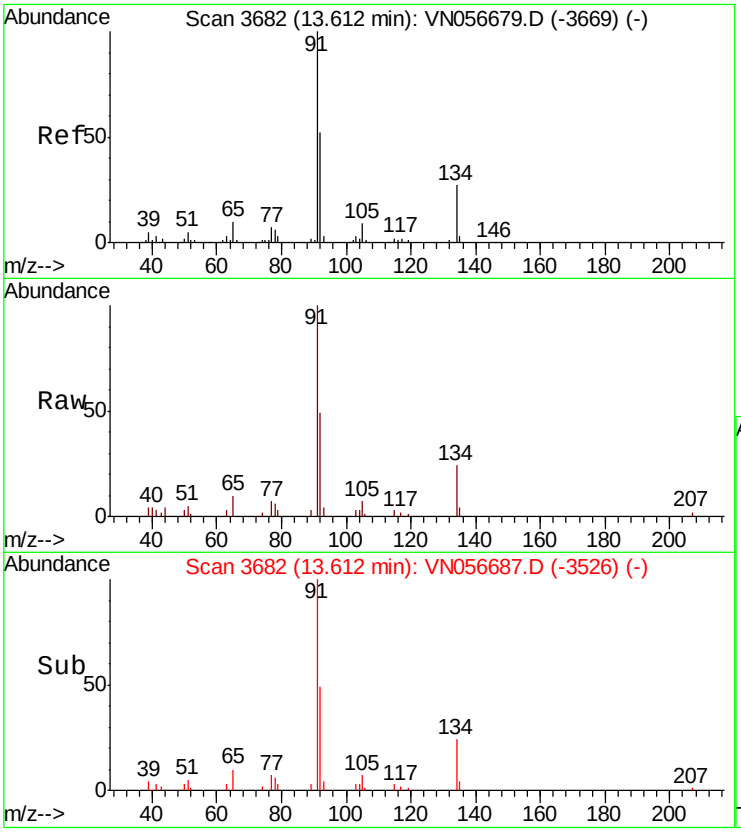


#84
1,4-Dichlorobenzene
Concen: 1.760 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:146 Resp: 10827

Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.8	53.4
148	69.2	31.9	95.5



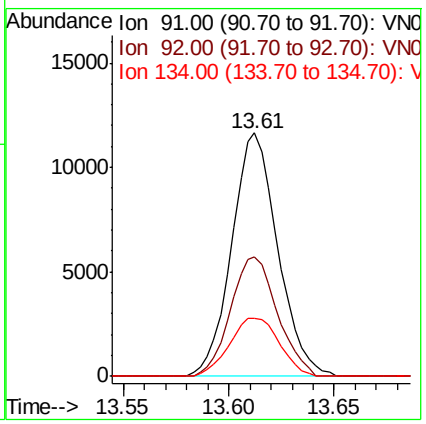


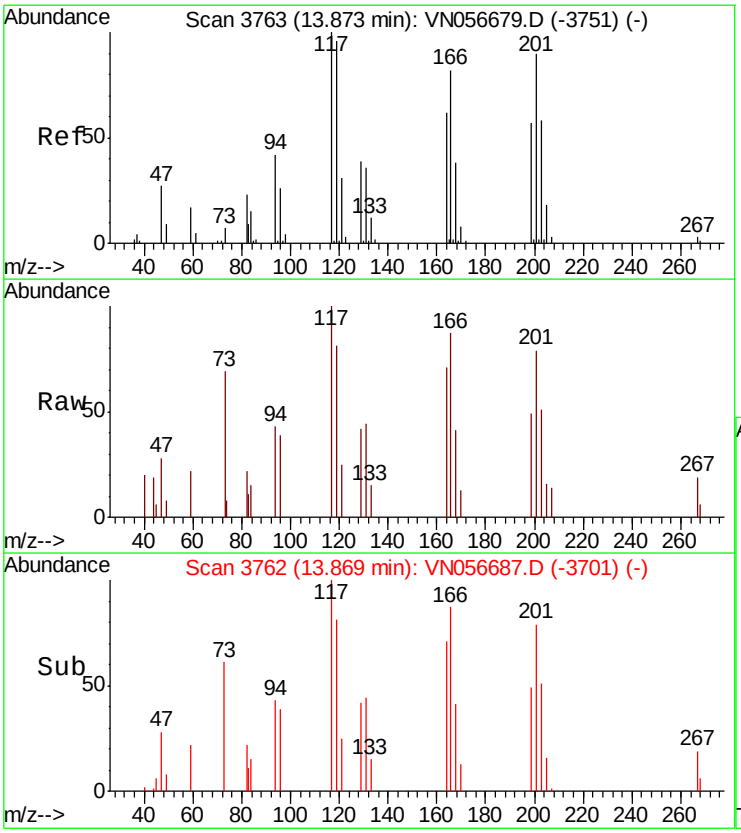
#85
n-Butylbenzene
Concen: 1.663 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion: 91 Resp: 17648

Ion	Ratio	Lower	Upper
91	100		
92	49.9	0.0	104.0
134	25.9	0.0	53.2

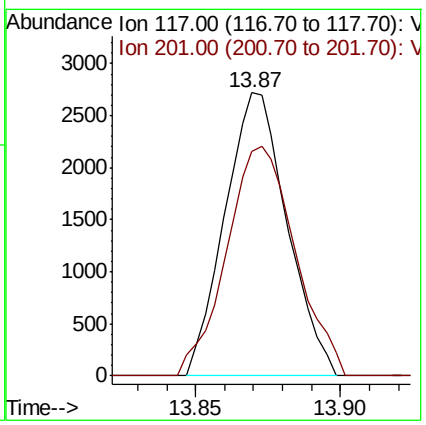


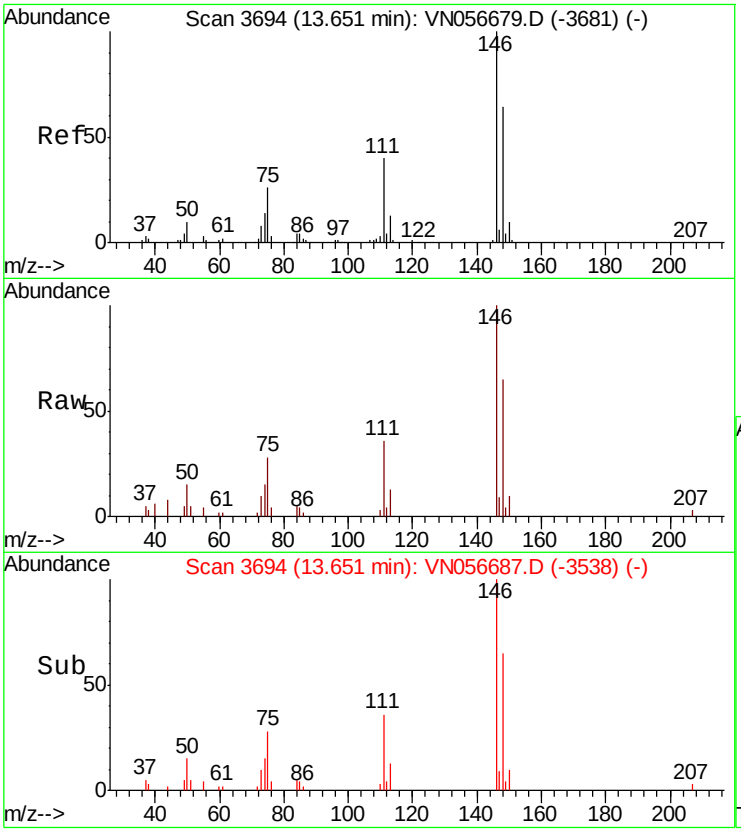


#86
Hexachloroethane
Concen: 2.005 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:117 Resp: 4047

Ion	Ratio	Lower	Upper
117	100		
201	89.5	45.6	136.7



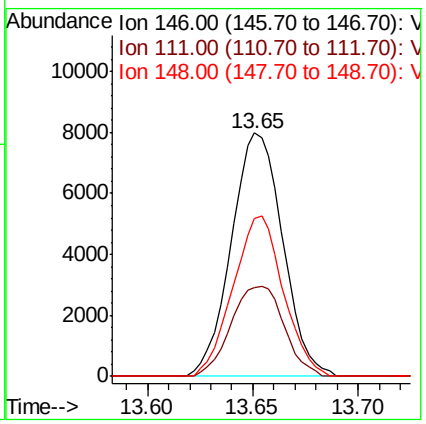


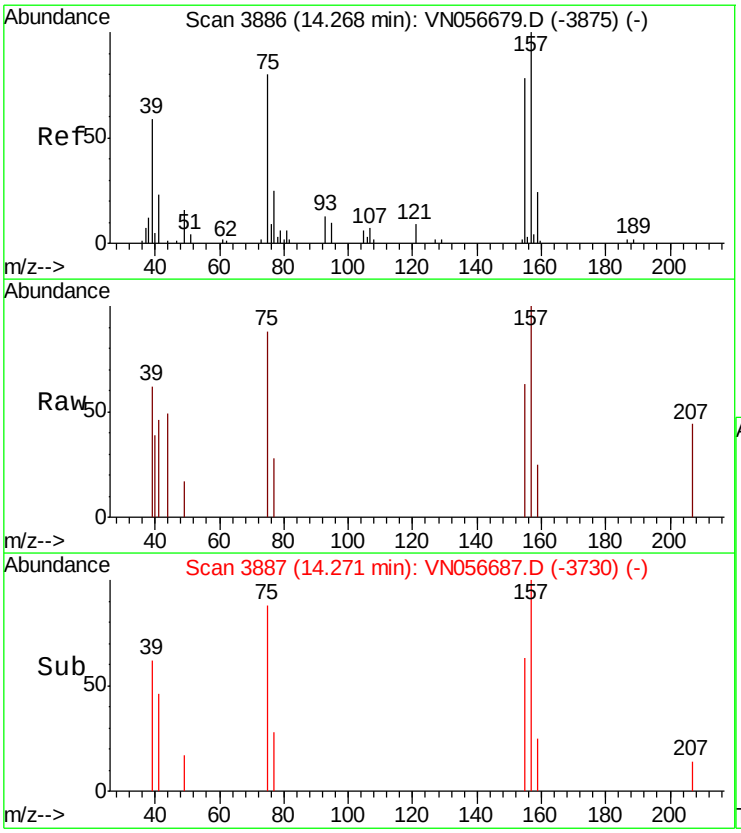
#87
1,2-Dichlorobenzene
Concen: 2.100 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:146 Resp: 13539

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.0
148	64.5	32.7	98.1

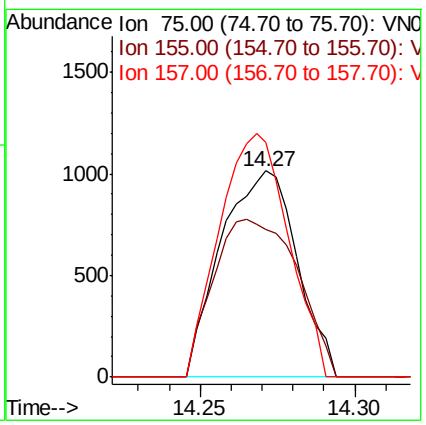


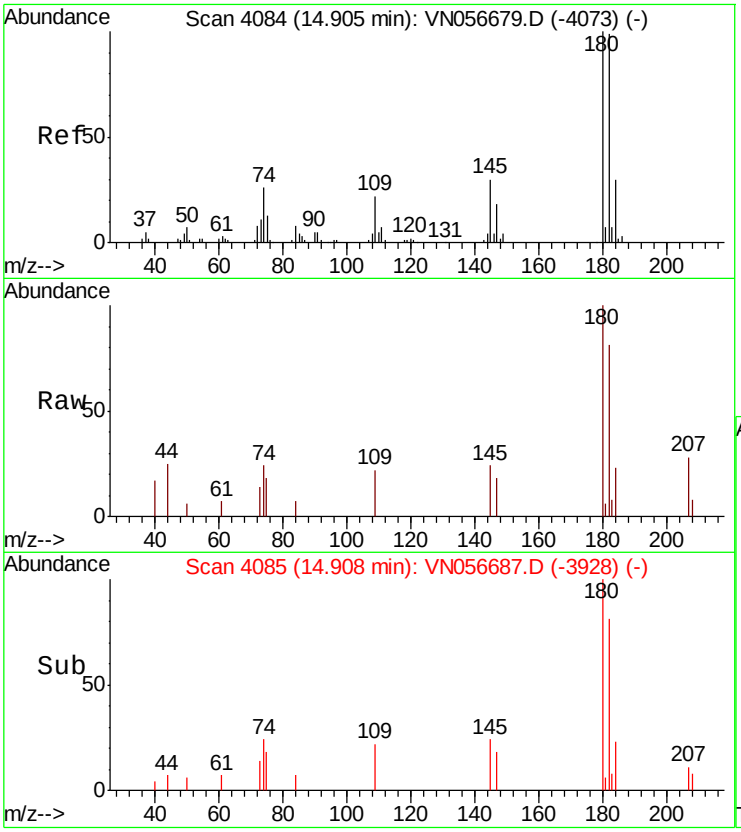


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.096 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 75 Resp: 1729

Ion	Ratio	Lower	Upper
75	100		
155	85.2	78.6	117.8
157	108.0	99.3	148.9



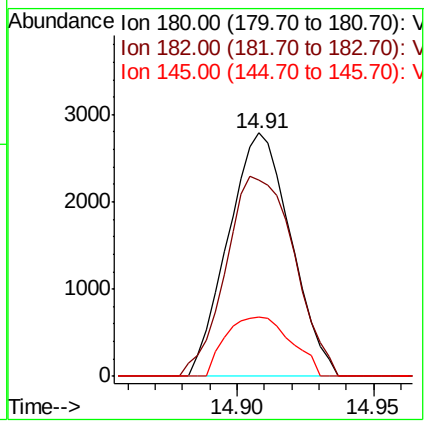


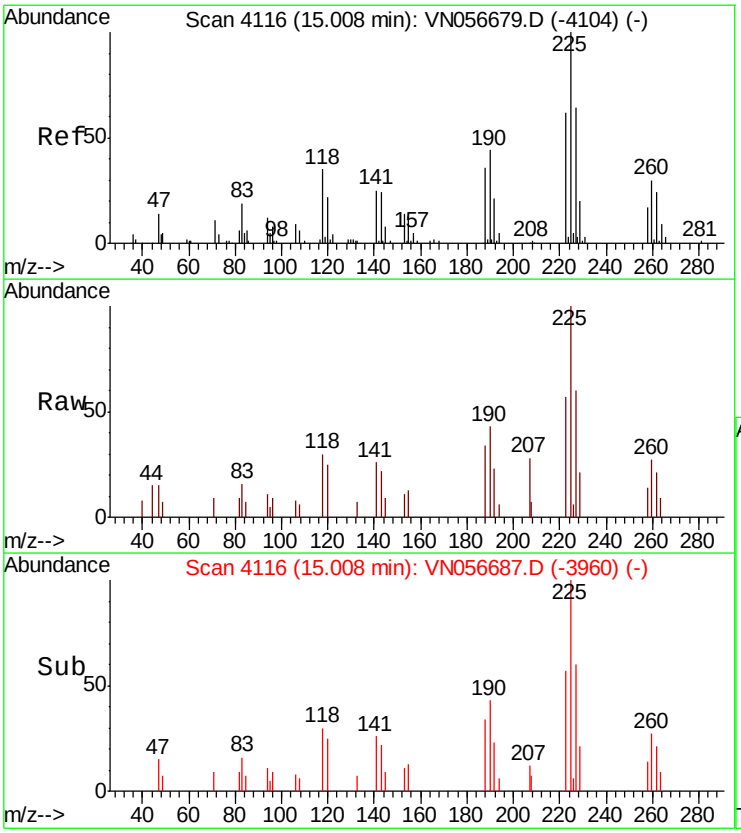
#89
1,2,4-Trichlorobenzene
Concen: 1.285 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:180 Resp: 4455

Ion	Ratio	Lower	Upper
180	100		
182	89.5	78.2	117.4
145	25.4	23.2	34.8

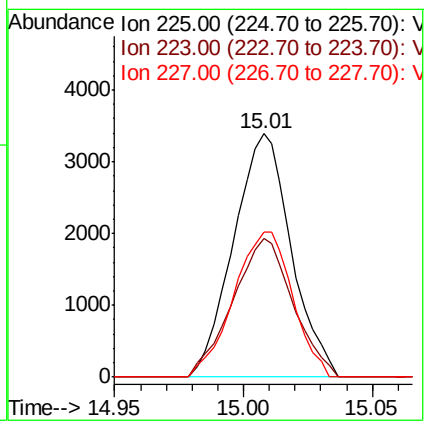


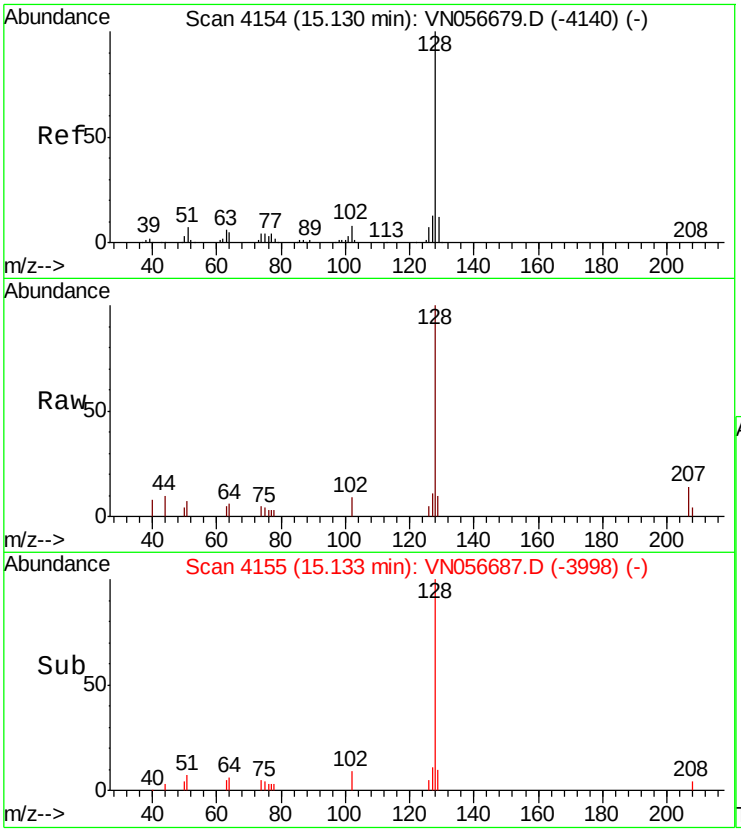


#90
Hexachlorobutadiene
Concen: 2.345 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:225 Resp: 5287

Ion	Ratio	Lower	Upper
225	100		
223	59.4	0.0	124.6
227	60.7	0.0	128.6



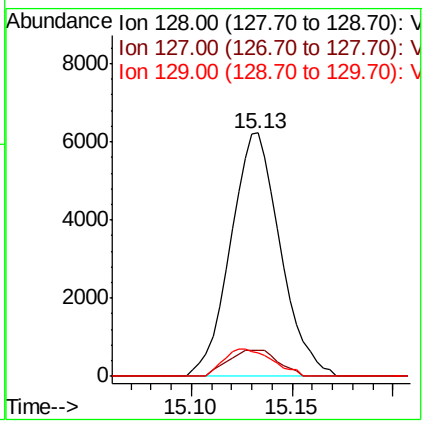


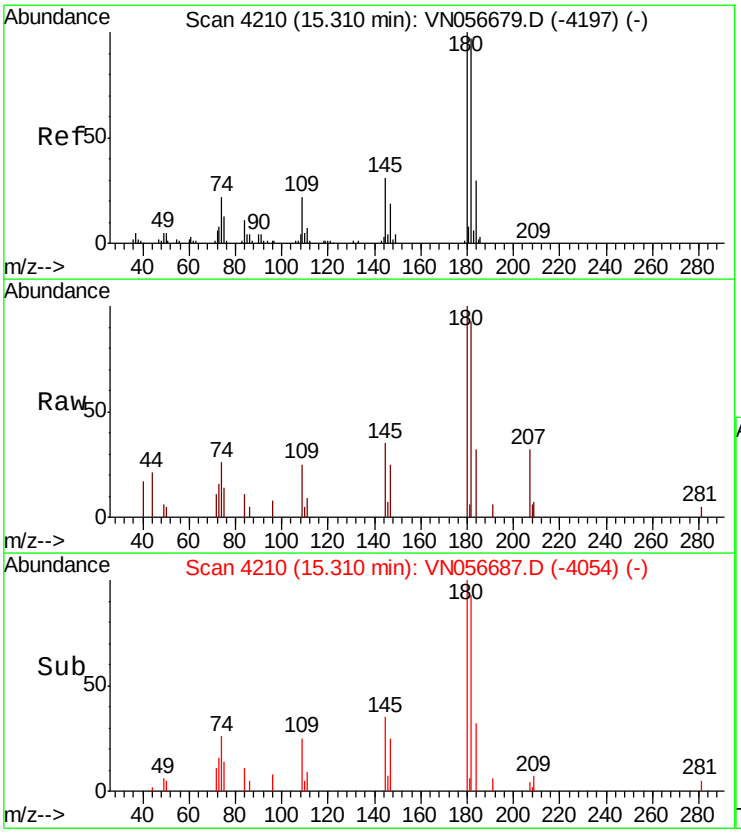
#91
Naphthalene
Concen: 1.149 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tgt Ion:128 Resp: 10722

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.4	15.6
129	11.0	8.8	13.2





#92
1,2,3-Trichlorobenzene
Concen: 1.532 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:180 Resp: 5570

Ion	Ratio	Lower	Upper
180	100		
182	93.3	0.0	192.4
145	29.0	0.0	60.4