Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014495.D
Acq On : 09 Jan 2020 13:39
Operator : JC/SP
Sample : L1041-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WGGM-20-WW-TSF-002

Quant Time: Jan 09 14:37:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.01	128	78474	30.00	ug/l		0.01
28) 1,4-Difluorobenzene	6.85	114	436200	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	394264	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	168029	29.90	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.67%				
60) 4-Bromofluorobenzene	11.14	95	179372	28.17	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.90%				
63) Toluene-d8	8.71	98	526240	29.86	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.53%				
Target Compounds							Qvalue
13) Acrolein	2.17	56	220	0.267	ug/l		95
15) Acetone	2.43	58	1591	2.036	ug/l		87
16) Carbon Disulfide	2.56	76	2497	0.210	ug/l	#	62
18) Methylene Chloride	2.86	84	1107	0.206	ug/l	#	66
23) tert-Butyl Alcohol	3.06	59	513	0.492	ug/l	#	77
45) 1,4-Dioxane	7.43	88	460	4.116	ug/l		87

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

Quantitation Report (Not Reviewed)

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Data File : VX014495.D
Acq On : 09 Jan 2020 13:39
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Sample : L1041-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
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WGGM-20-WW-TSF-002

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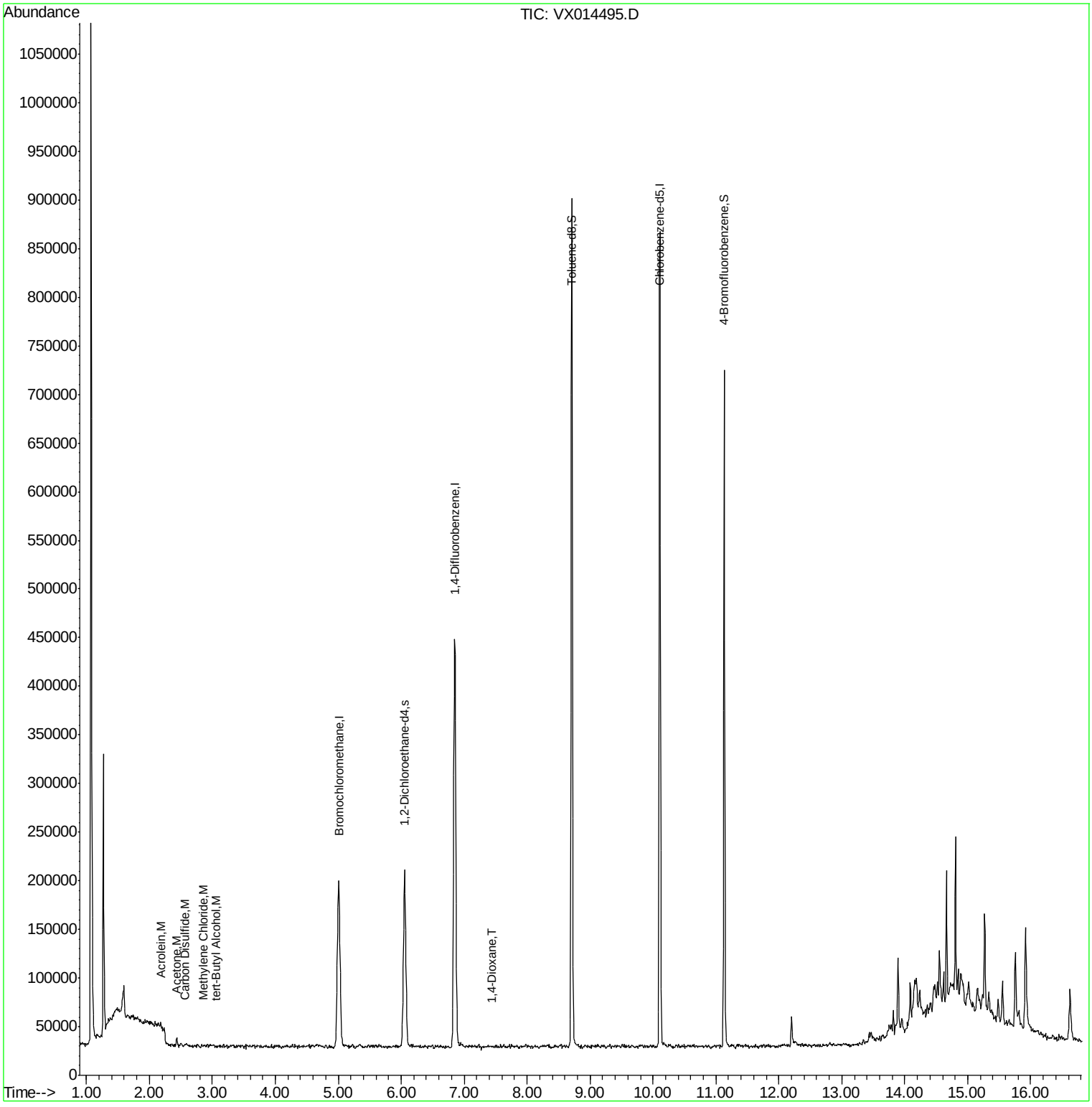
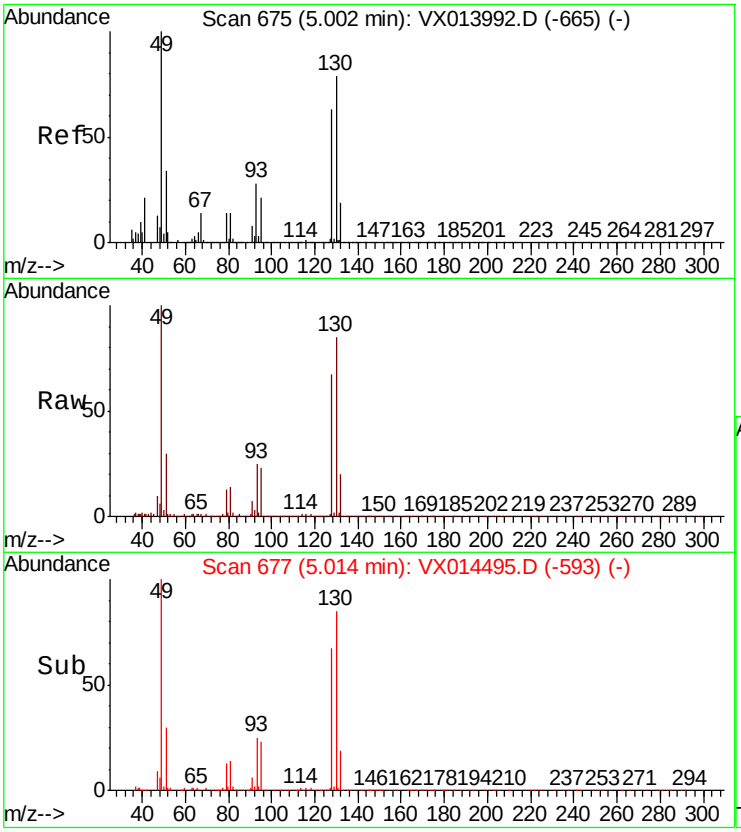


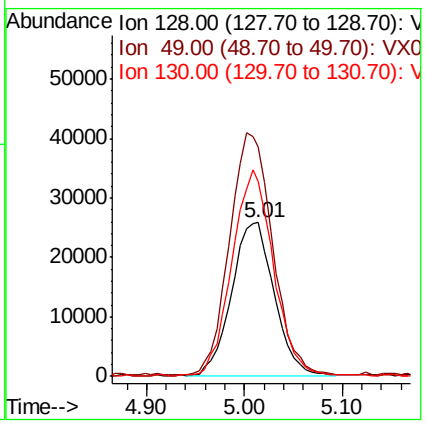


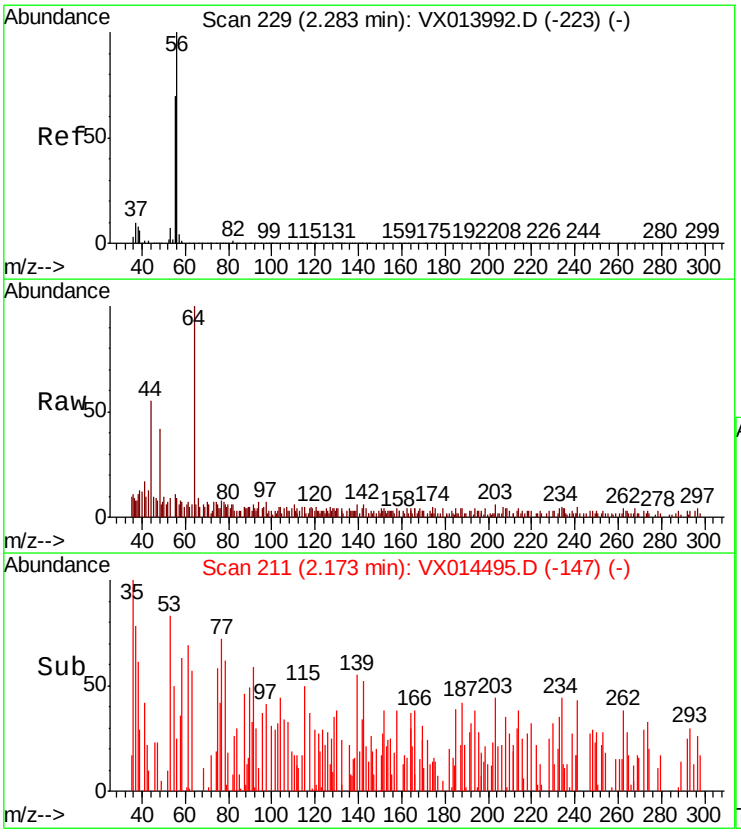
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-002

Tgt Ion:128 Resp: 78474

Ion	Ratio	Lower	Upper
128	100		
49	158.6	0.0	405.0
130	131.1	0.0	321.5

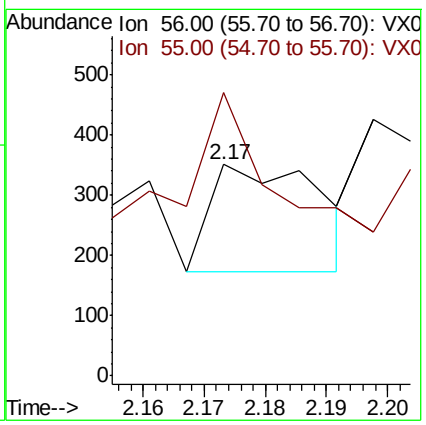


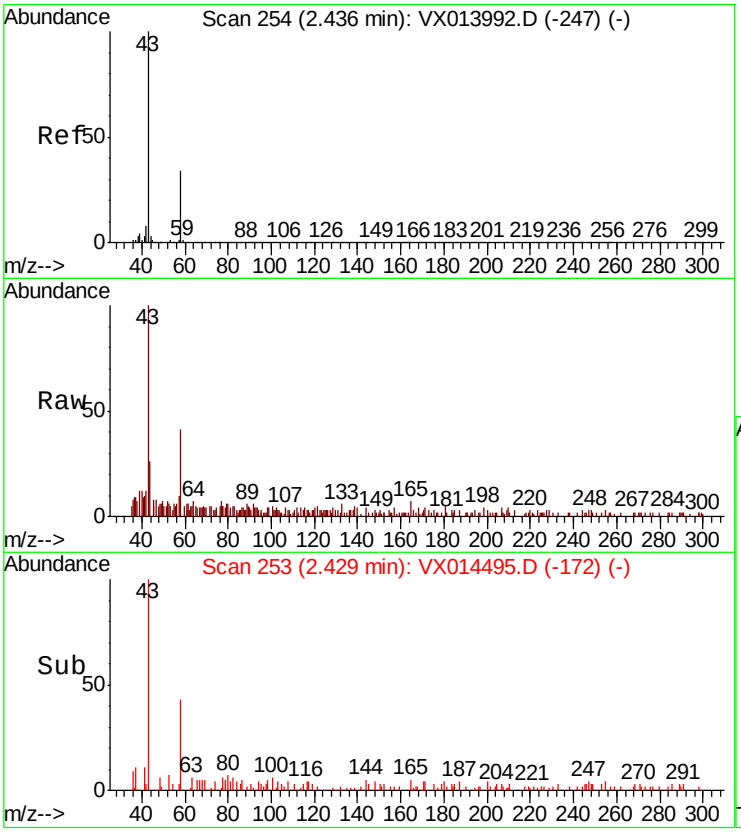


#13
Acrolein
Concen: 0.267 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.11 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Tgt Ion: 56 Resp: 220

Ion	Ratio	Lower	Upper
56	100		
55	64.5	54.9	82.3



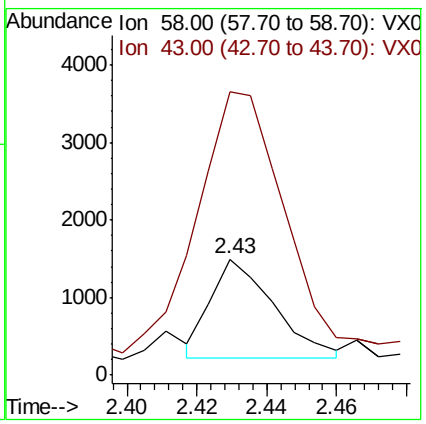


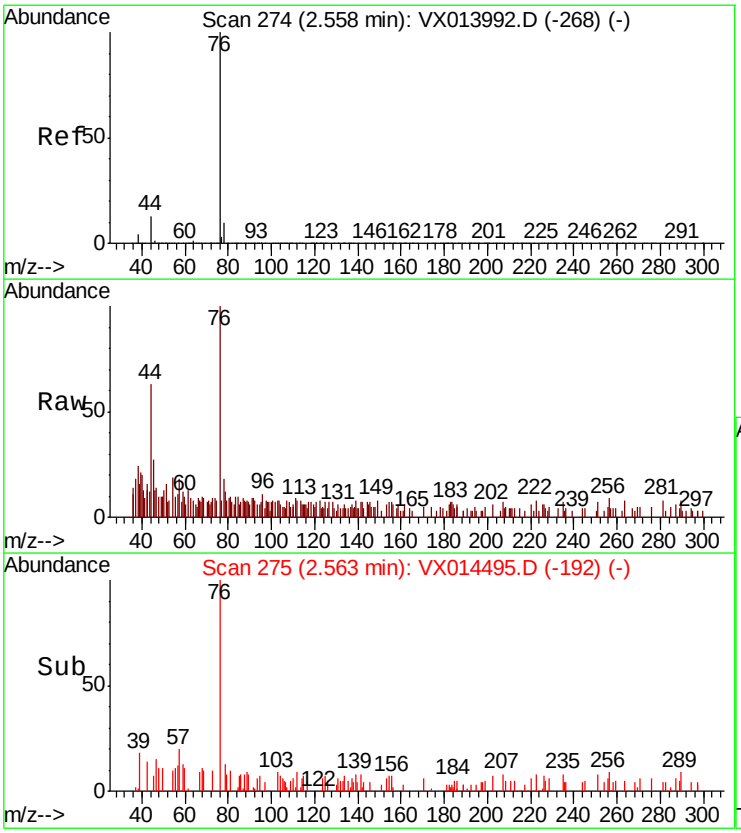
#15
Acetone
Concen: 2.036 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-002

Tgt Ion: 58 Resp: 1591

Ion	Ratio	Lower	Upper
58	100		
43	269.3	236.3	354.5

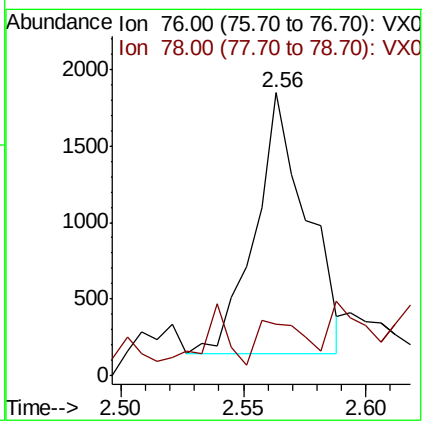


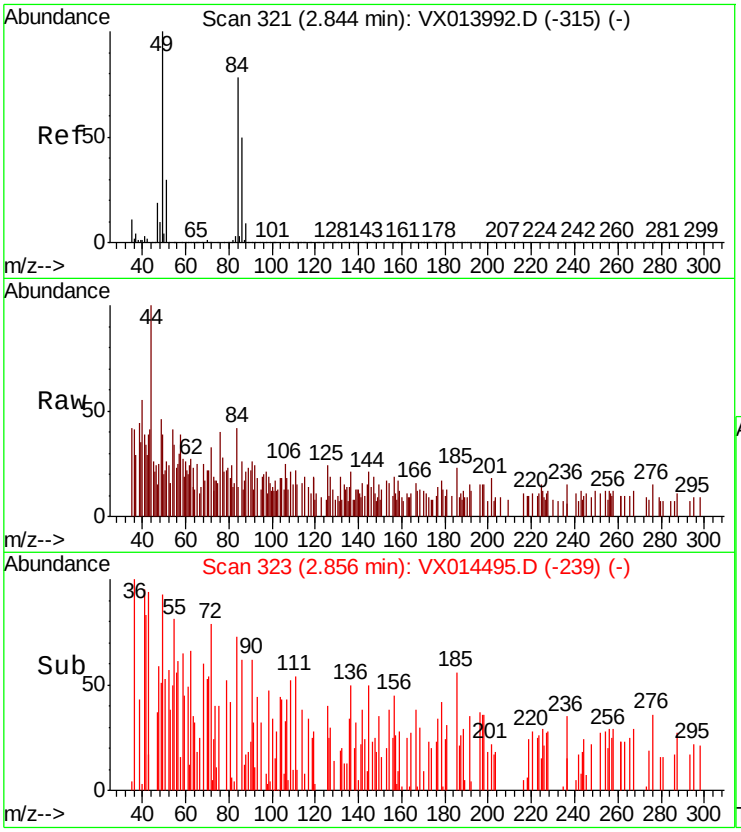


#16
Carbon Disulfide
Concen: 0.210 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Tgt Ion: 76 Resp: 2497

Ion	Ratio	Lower	Upper
76	100		
78	23.8	7.8	11.8#



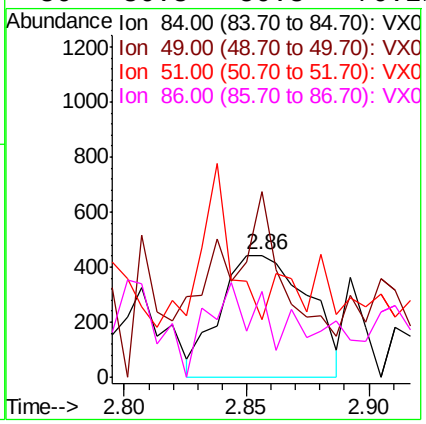


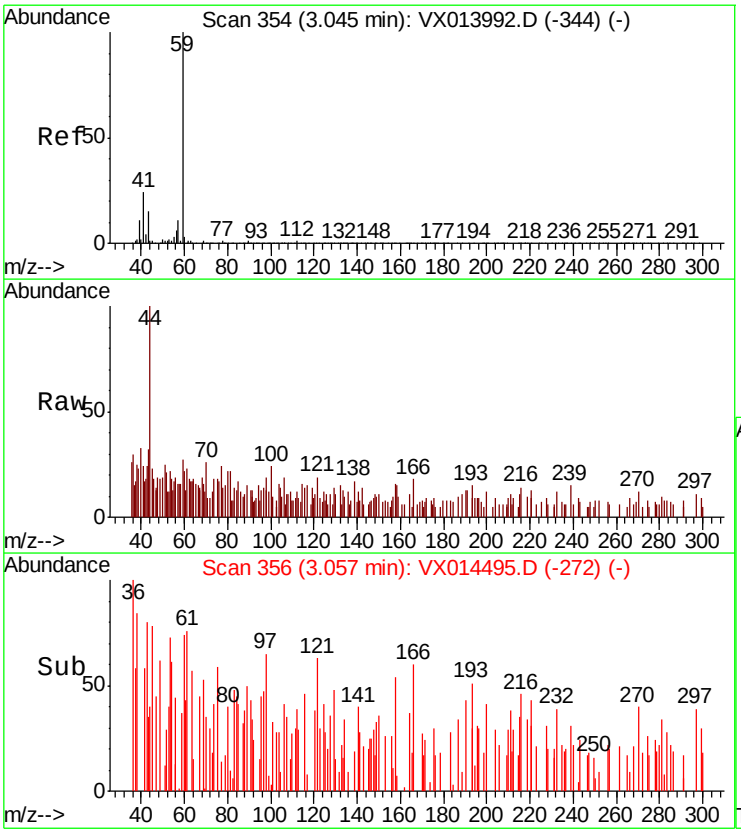
#18
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Instrument : MSVOA_X
ClientSampleId : WGGM-20-WW-TSF-002

Tgt Ion: 84 Resp: 1107

Ion	Ratio	Lower	Upper
84	100		
49	100.5	102.2	153.2#
51	0.0	31.4	47.0#
86	36.3	50.8	76.2#

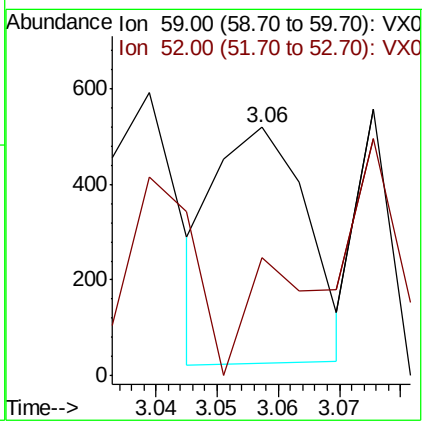


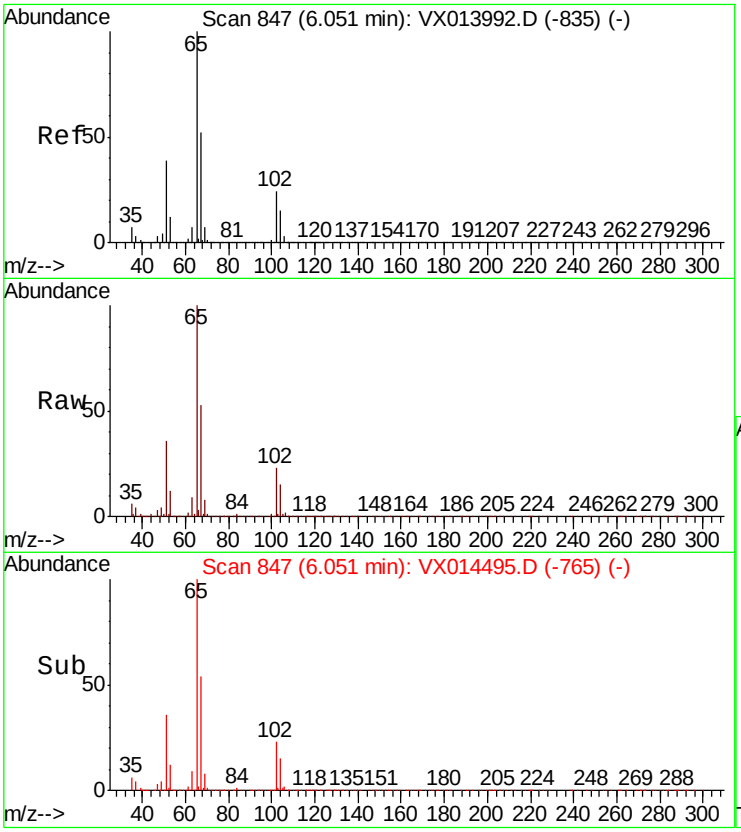


#23
tert-Butyl Alcohol
Concen: 0.492 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.01 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Tgt Ion: 59 Resp: 513

Ion	Ratio	Lower	Upper
59	100		
52	30.2	0.2	0.2#



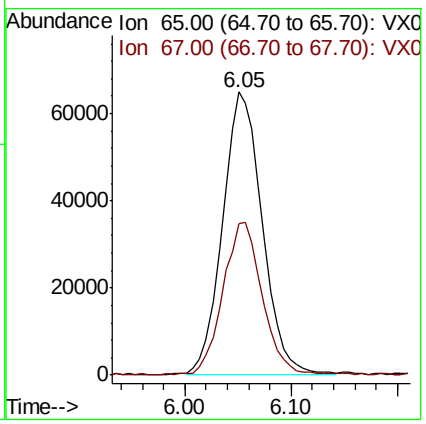


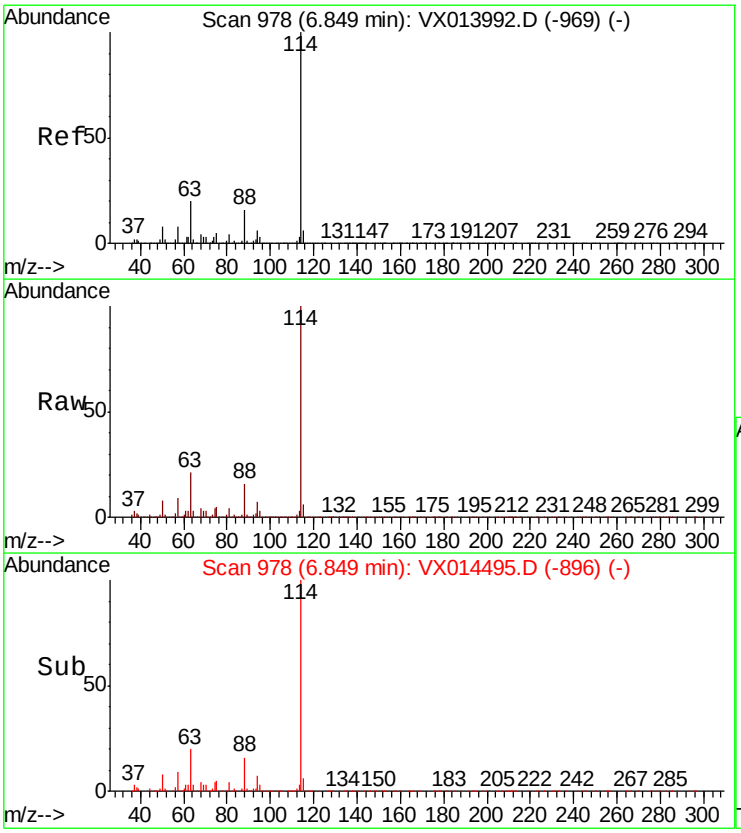
#27
1,2-Dichloroethane-d4
Concen: 29.898 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-002

Tgt Ion: 65 Resp: 168029

Ion	Ratio	Lower	Upper
65	100		
67	52.9	43.1	64.7

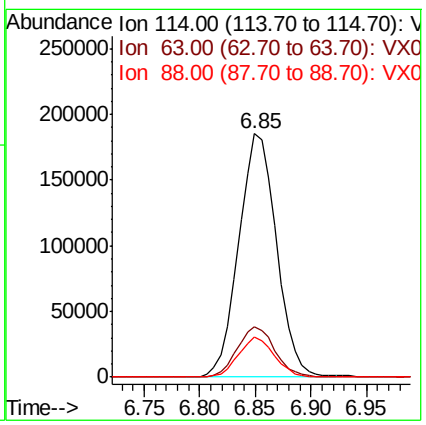


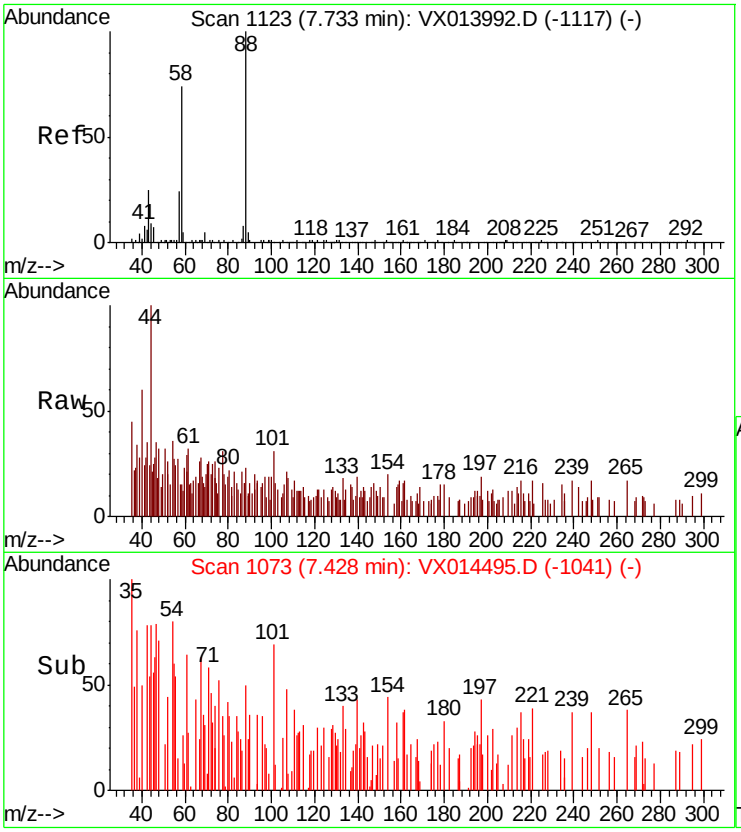


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Tgt Ion:114 Resp: 436200

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	15.5	12.5	18.7



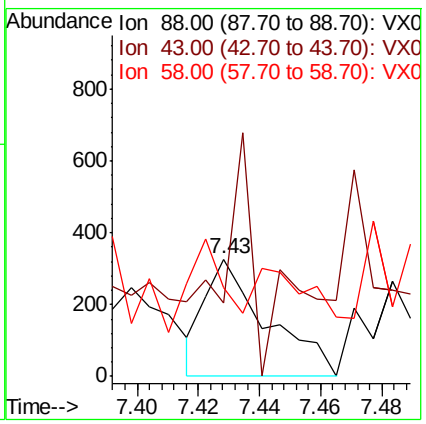


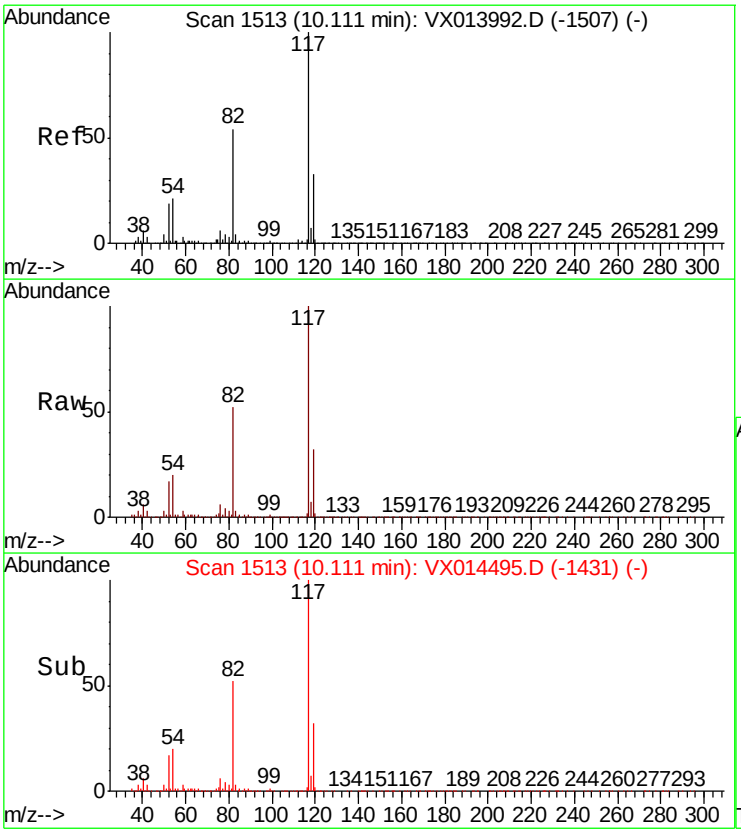
#45
1,4-Dioxane
Concen: 4.116 ug/l
RT: 7.43 min Scan# 1073
Delta R.T. -0.30 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-002

Tgt Ion: 88 Resp: 460

Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.4	38.2
58	57.2	56.5	84.7

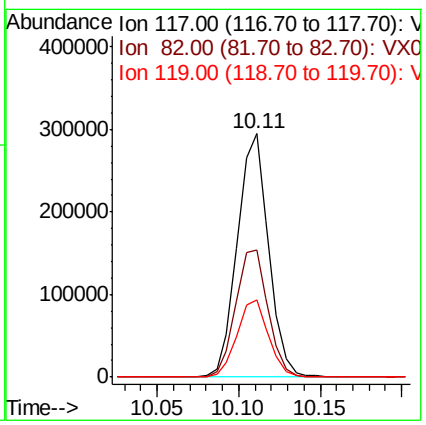


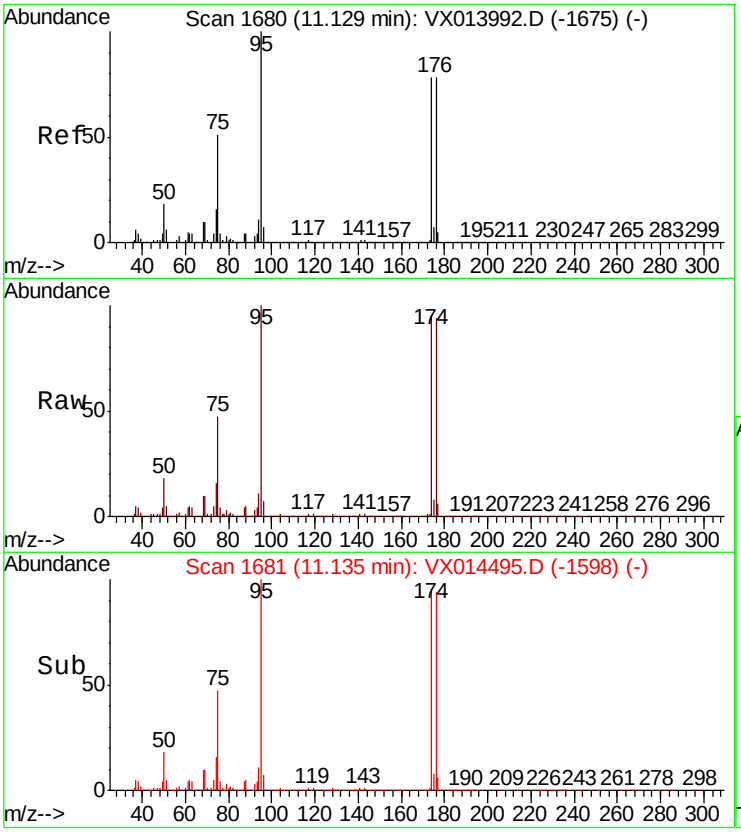


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Tgt Ion:117 Resp: 394264

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.6
119	32.1	25.8	38.6



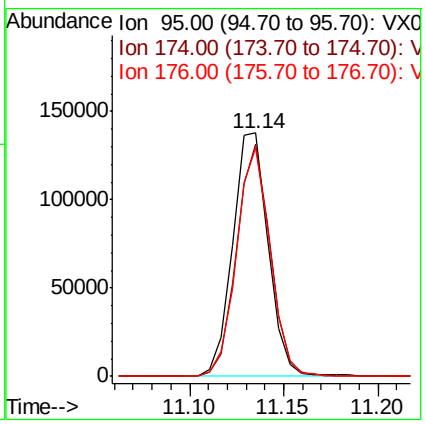


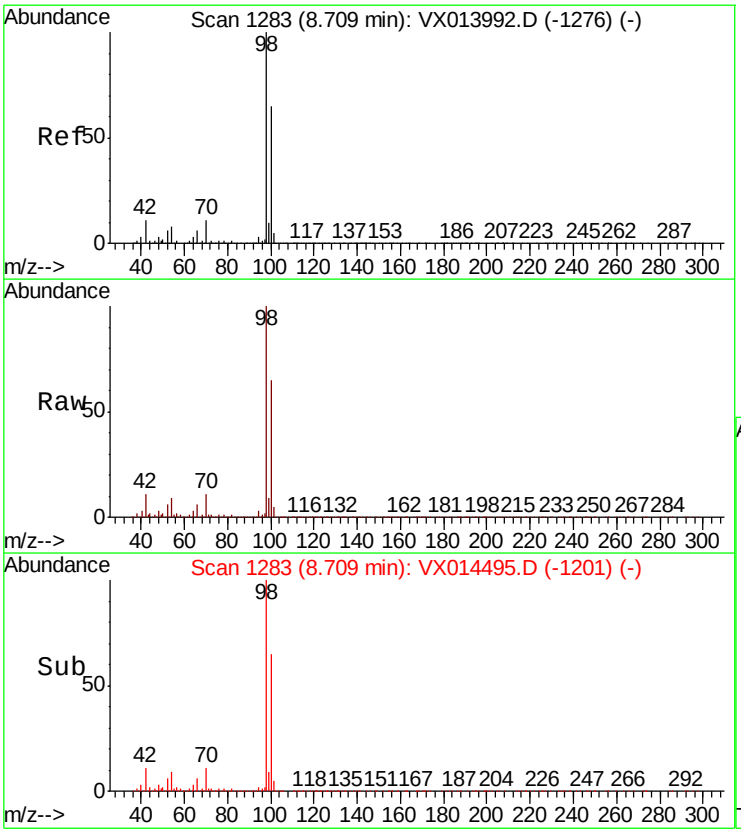
#60
4-Bromofluorobenzene
Concen: 28.174 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-002

Tgt Ion: 95 Resp: 179372

Ion	Ratio	Lower	Upper
95	100		
174	90.3	70.2	105.2
176	89.3	68.3	102.5





#63
Toluene-d8
Concen: 29.861 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014495.D
Acq: 09 Jan 2020 13:39

Tgt Ion: 98 Resp: 526240

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2