Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
Data File : VX017616.D
Acq On : 27 Jul 2020 14:28
Operator : JC/SP
Sample : L3450-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-017-IDWGW-20200723

Quant Time: Jul 27 15:32:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	107442	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	561167	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	538031	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	254173	30.79	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.63%			
60) 4-Bromofluorobenzene	11.12	95	231288	25.38	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 84.60%			
63) Toluene-d8	8.70	98	672331	28.24	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 94.13%			
Target Compounds						Qvalue
10) 1,1-Dichloroethene	2.36	96	1099	0.213	ug/l #	63
13) Acrolein	2.25	56	557	0.478	ug/l	93
15) Acetone	2.42	58	1930	2.150	ug/l	78
16) Carbon Disulfide	2.55	76	3283	0.240	ug/l #	72
18) Methylene Chloride	2.84	84	1306	0.215	ug/l	92
22) cis-1,2-Dichloroethene	4.56	96	1522	0.233	ug/l #	77
23) tert-Butyl Alcohol	3.01	59	836	0.543	ug/l #	81
37) Trichloroethene	7.19	130	275535	39.793	ug/l	99
45) 1,4-Dioxane	7.72	88	904	6.030	ug/l #	87
50) 1,1,2-Trichloroethane	9.20	97	2040	0.318	ug/l #	78
62) Toluene	8.77	91	15323	0.573	ug/l	94

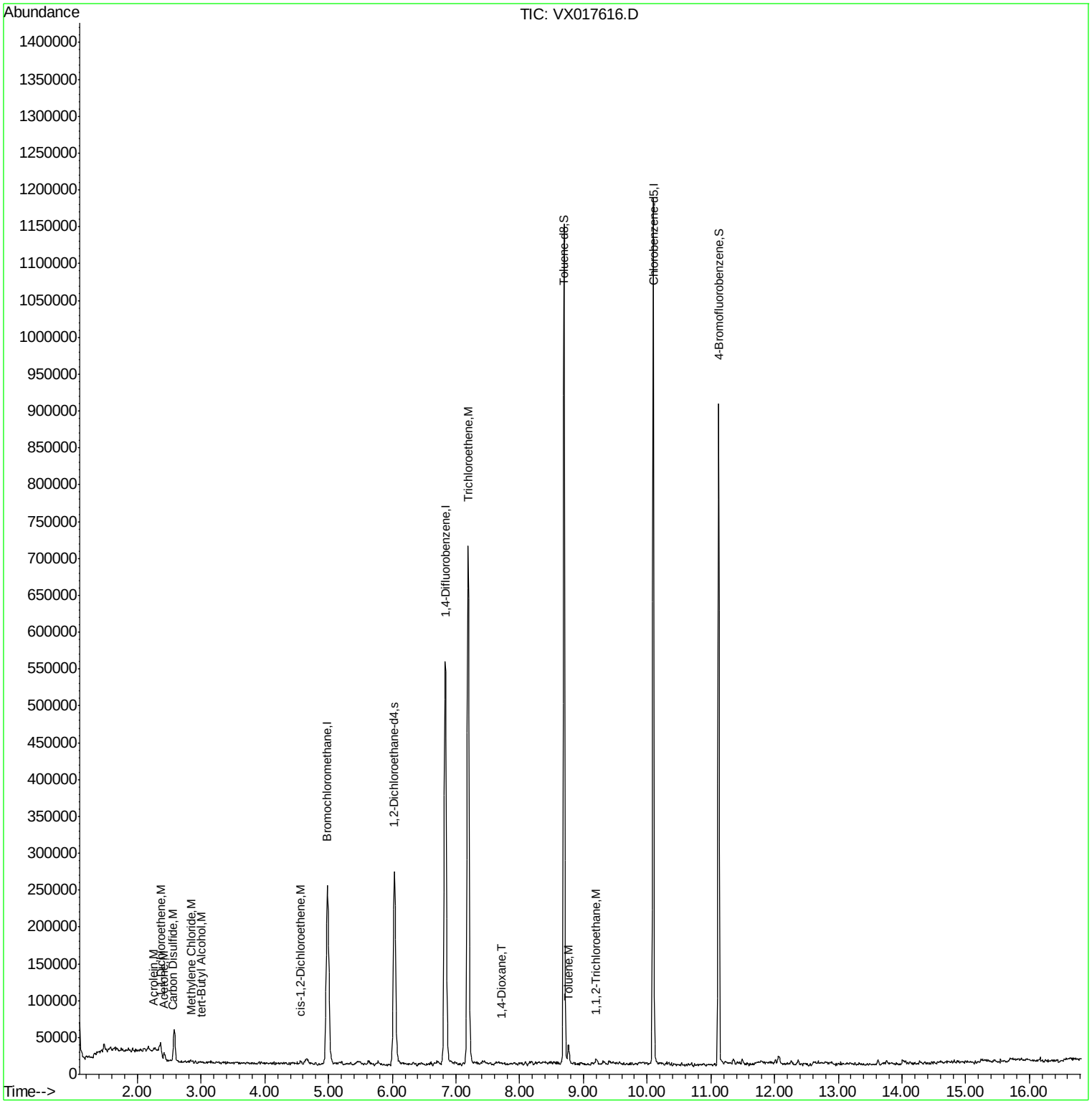
(#) = qualifier out of range (m) = manual integration (+) = signals summed

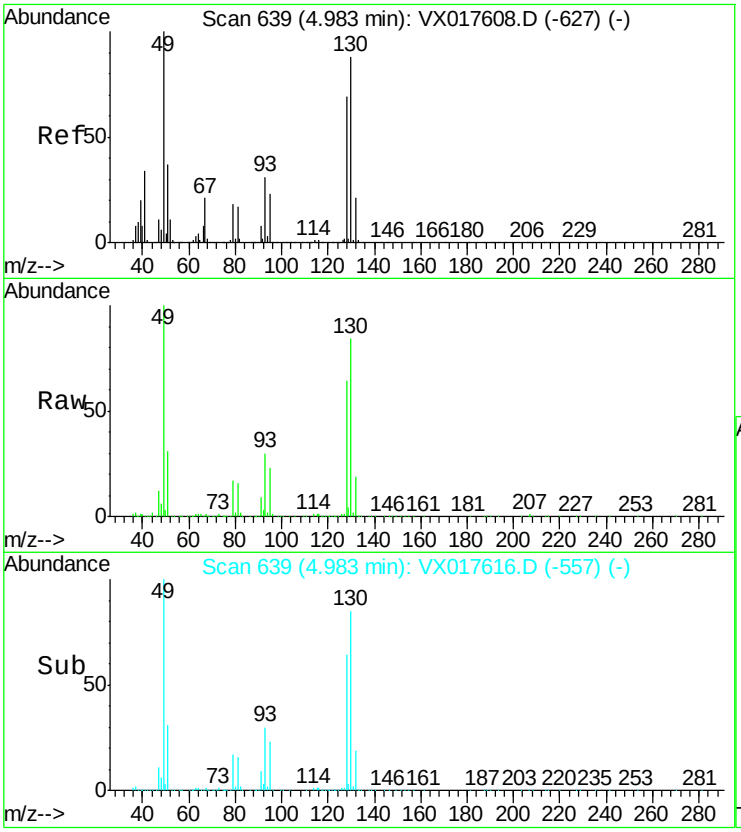
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
Data File : VX017616.D
Acq On : 27 Jul 2020 14:28
Operator : JC/SP
Sample : L3450-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Quant Time: Jul 27 15:32:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration



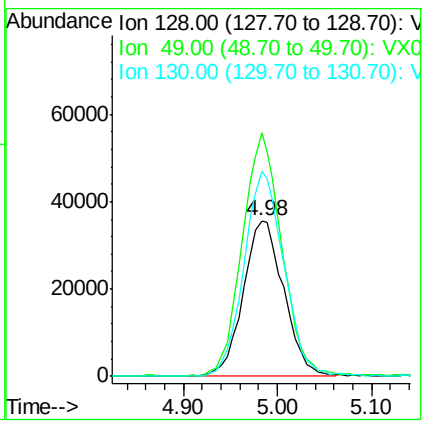


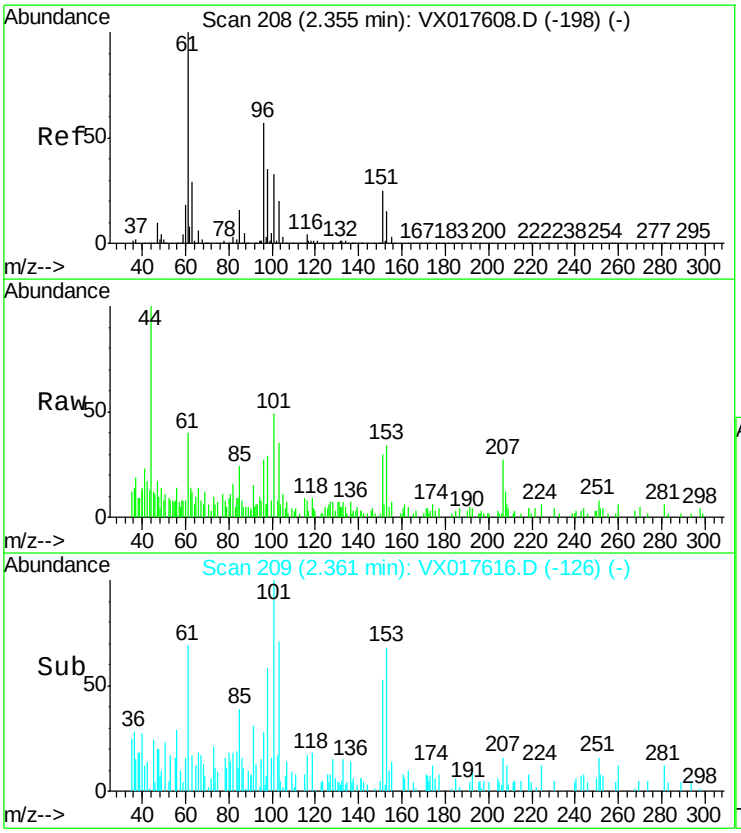
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion:128 Resp: 107442

Ion	Ratio	Lower	Upper
128	100		
49	150.2	0.0	376.0
130	129.5	0.0	323.0

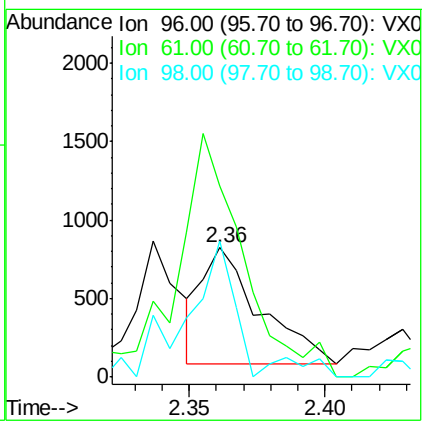


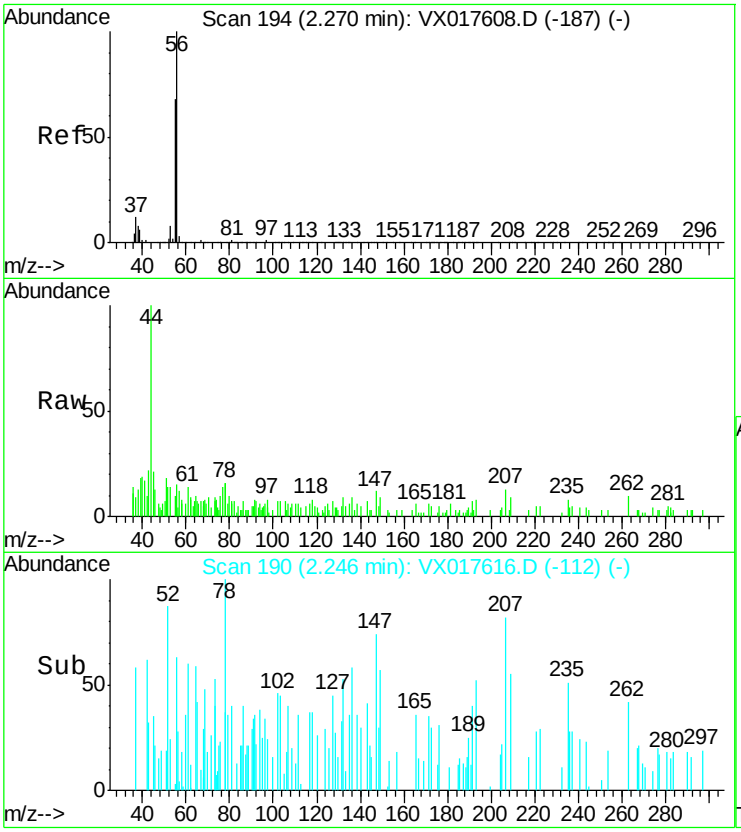


#10
1,1-Dichloroethene
Concen: 0.213 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 96 Resp: 1099

Ion	Ratio	Lower	Upper
96	100		
61	137.5	141.2	211.8#
98	109.7	49.4	74.2#



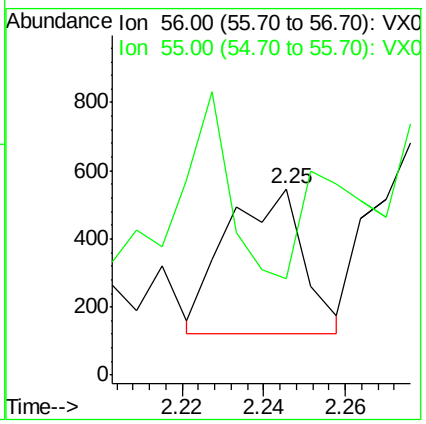


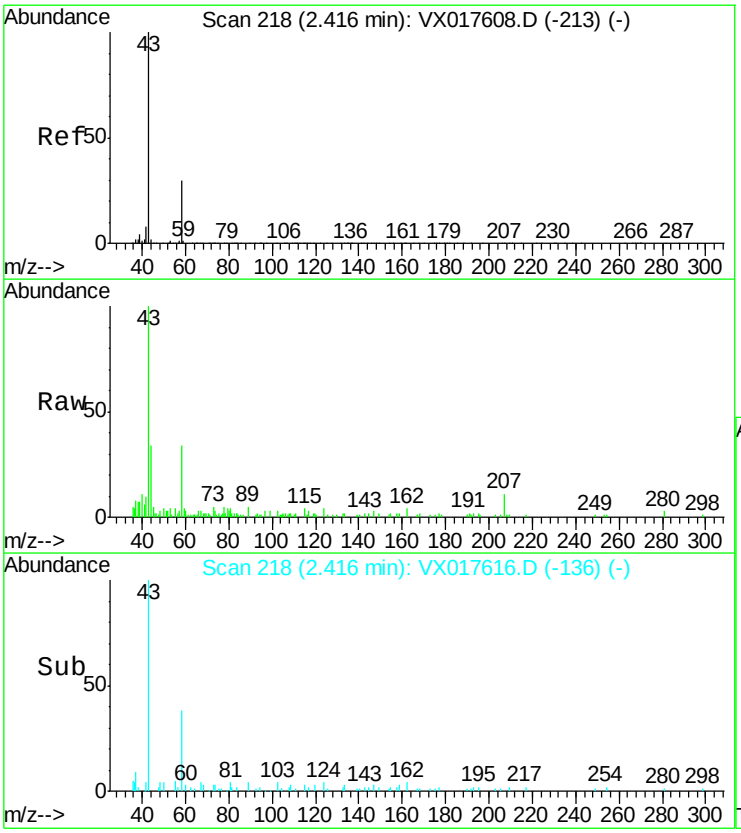
#13
Acrolein
Concen: 0.478 ug/l
RT: 2.25 min Scan# 190
Delta R.T. -0.02 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 56 Resp: 557

Ion	Ratio	Lower	Upper
56	100		
55	77.6	57.2	85.8

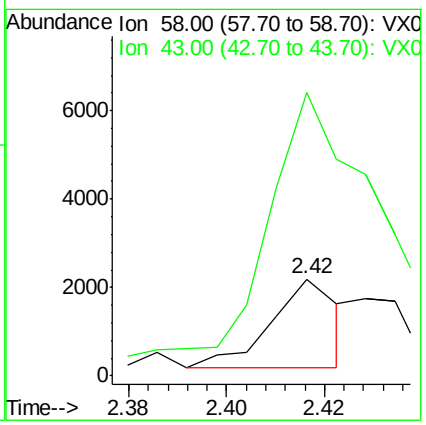


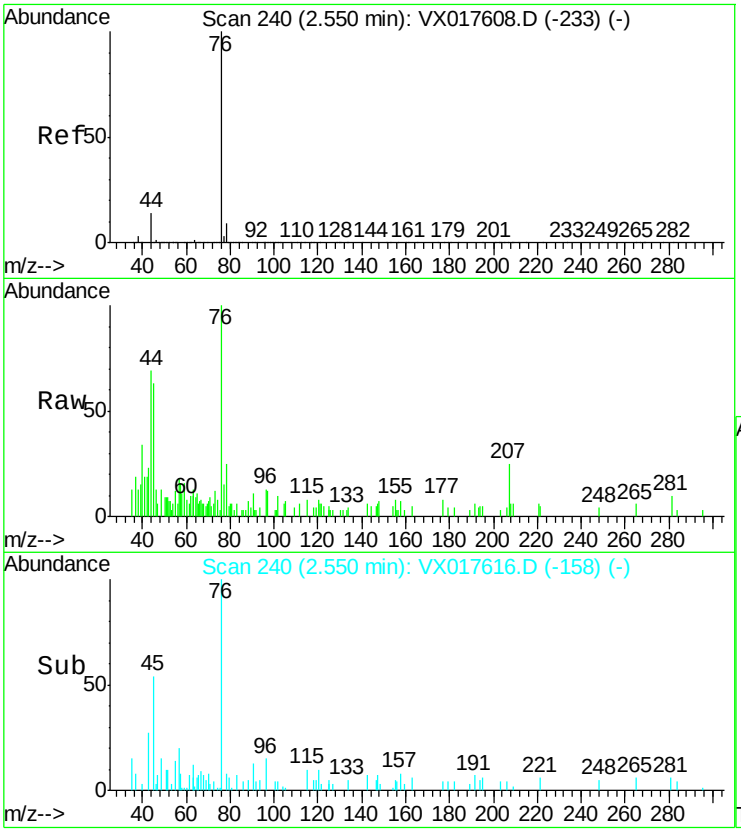


#15
Acetone
Concen: 2.150 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 58 Resp: 1930

Ion	Ratio	Lower	Upper
58	100		
43	288.7	268.6	402.8



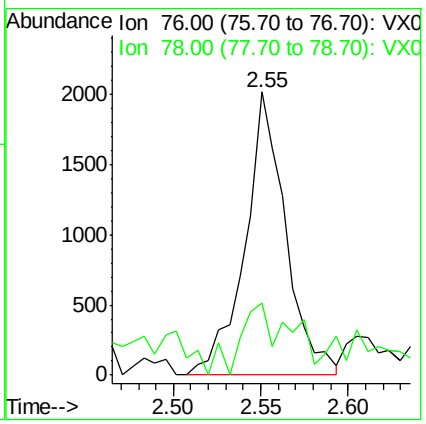


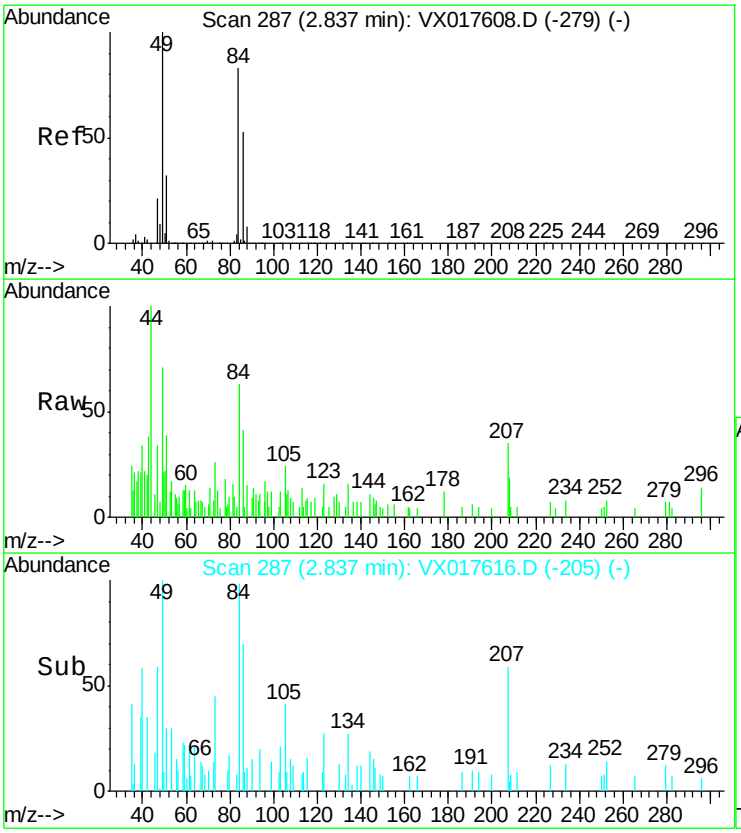
#16
Carbon Disulfide
Concen: 0.240 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 76 Resp: 3283

Ion	Ratio	Lower	Upper
76	100		
78	19.8	7.5	11.3#

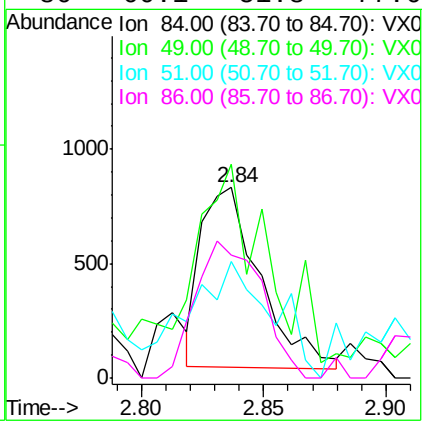


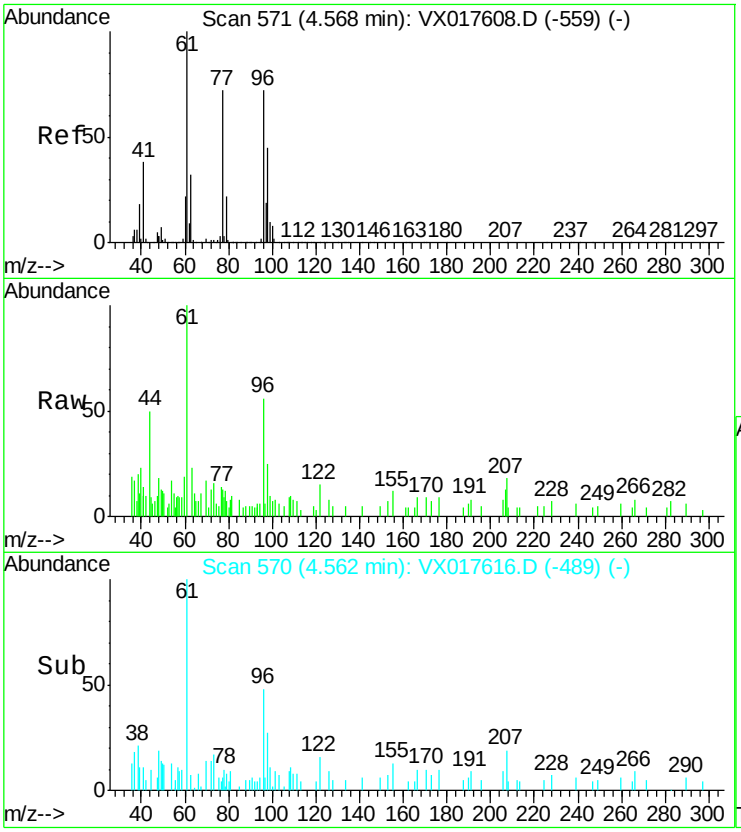


#18
Methylene Chloride
Concen: 0.215 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 84 Resp: 1306

Ion	Ratio	Lower	Upper
84	100		
49	110.8	96.7	145.1
51	34.9	31.0	46.4
86	60.1	51.8	77.6



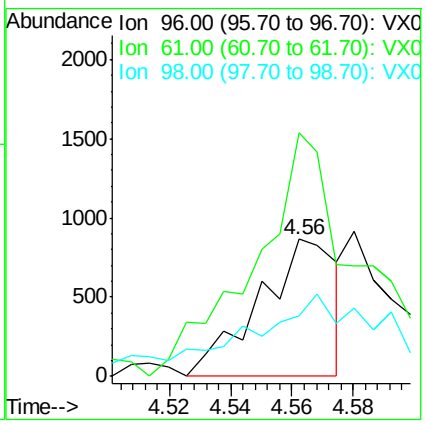


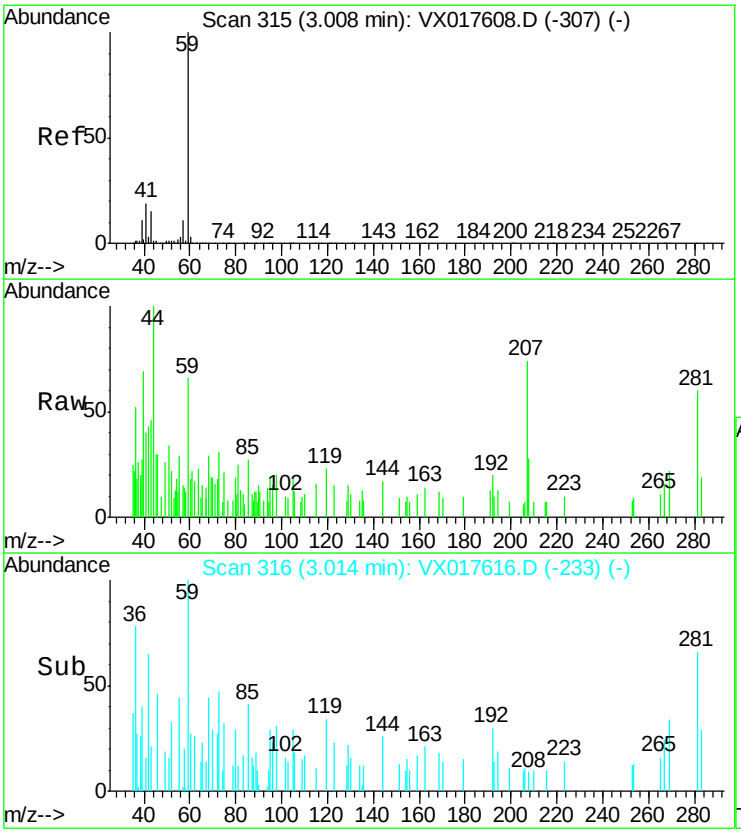
#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 96 Resp: 1522

Ion	Ratio	Lower	Upper
96	100		
61	189.8	121.1	181.7#
98	68.7	51.4	77.2

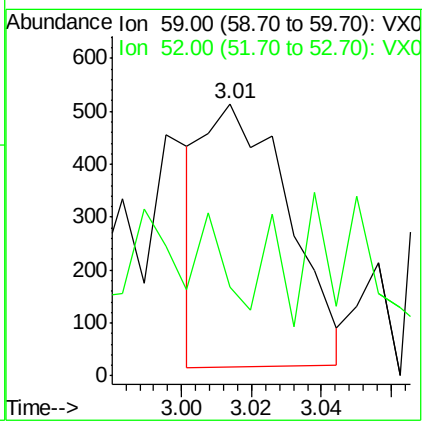


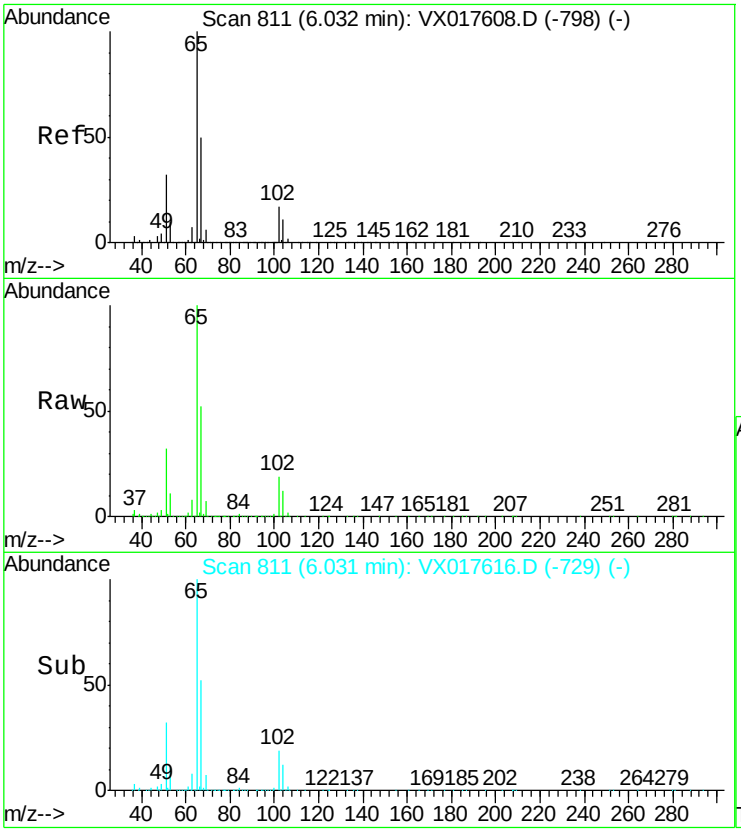


#23
tert-Butyl Alcohol
Concen: 0.543 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 59 Resp: 836

Ion	Ratio	Lower	Upper
59	100		
52	18.2	0.2	0.4#



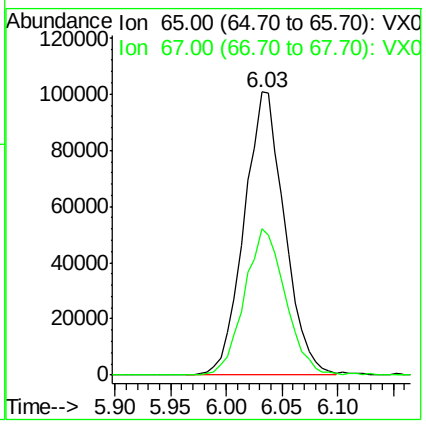


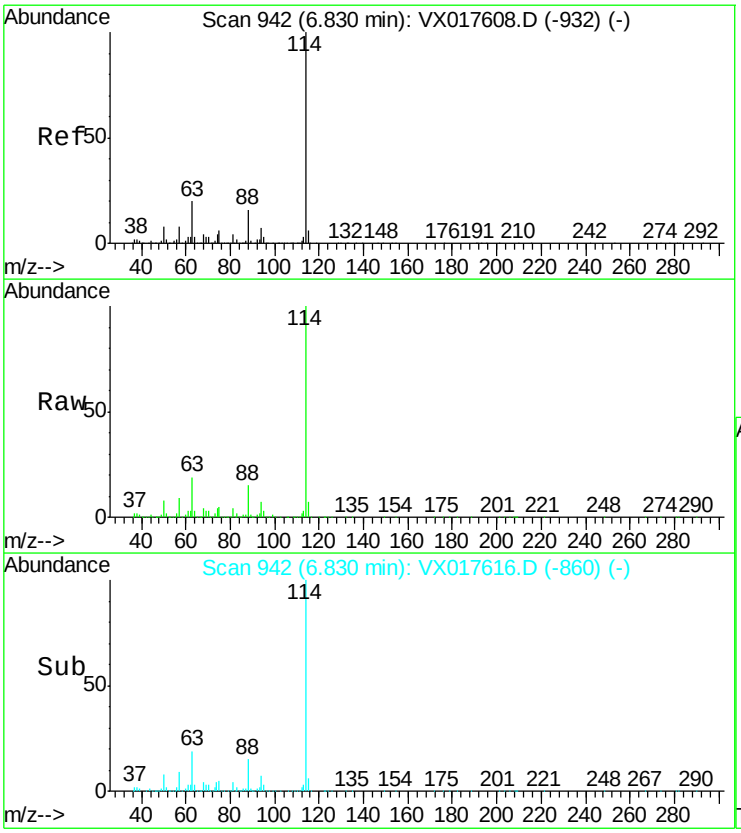
#27
1,2-Dichloroethane-d4
Concen: 30.786 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 65 Resp: 254173

Ion	Ratio	Lower	Upper
65	100		
67	52.1	40.6	61.0

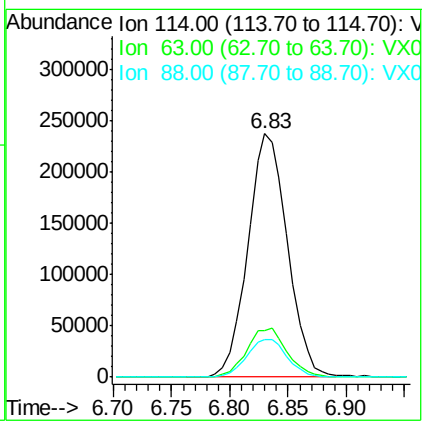


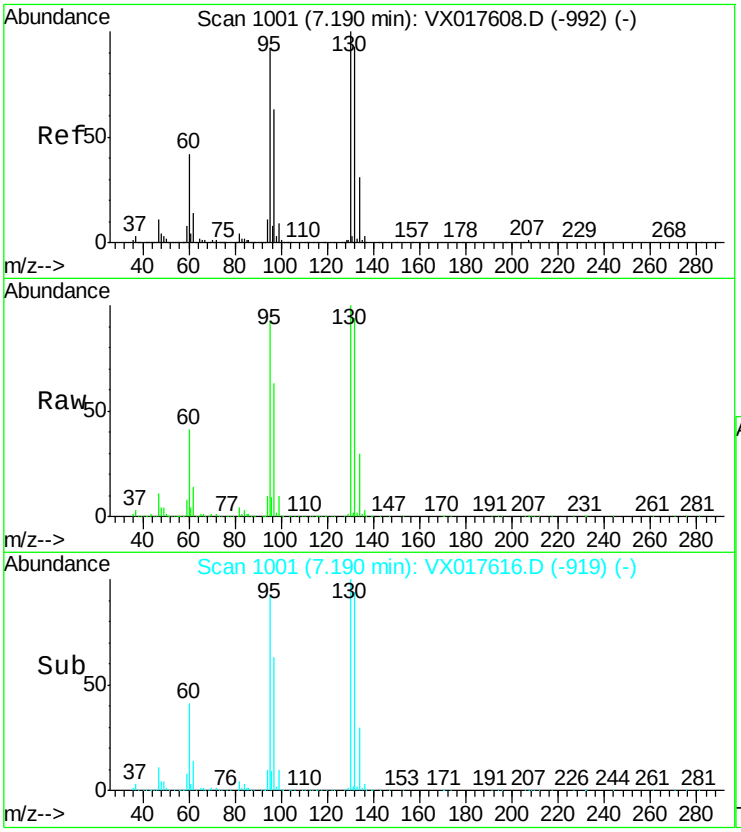


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion:114 Resp: 561167

Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.3	24.5
88	15.8	12.6	18.8



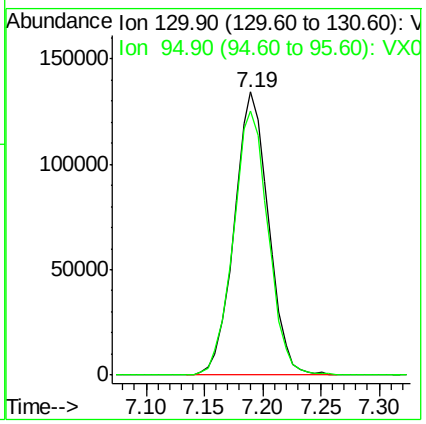


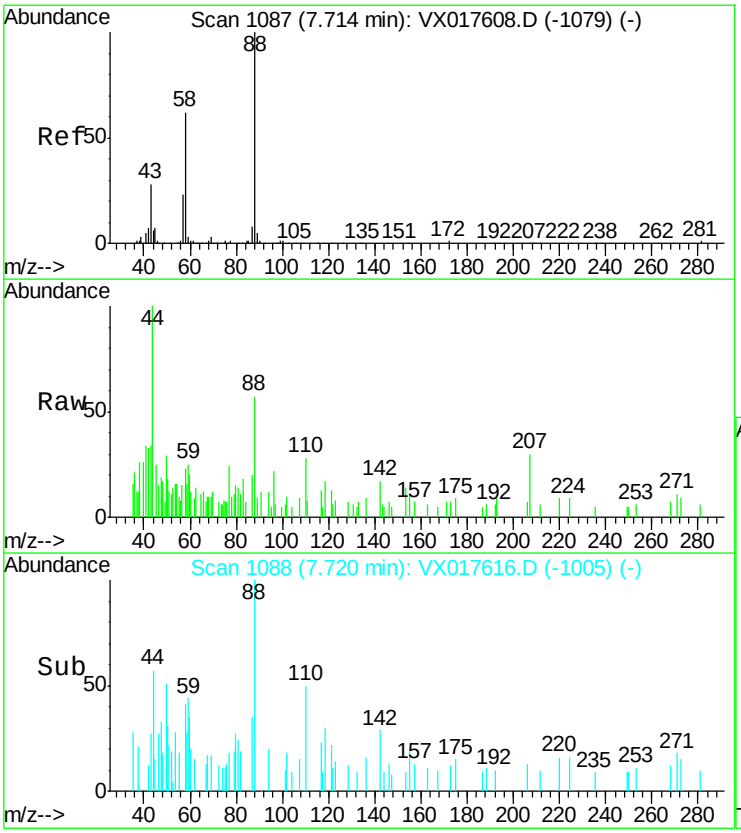
#37
Trichloroethene
Concen: 39.793 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion:130 Resp: 275535

Ion	Ratio	Lower	Upper
130	100		
95	93.1	73.9	110.9

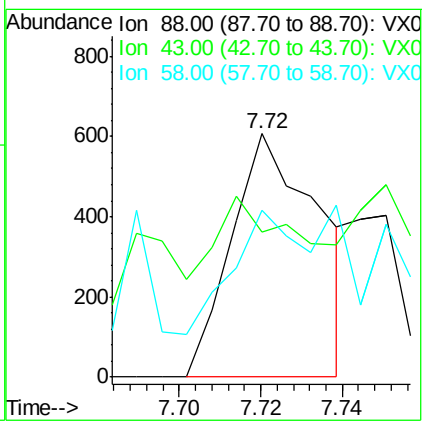


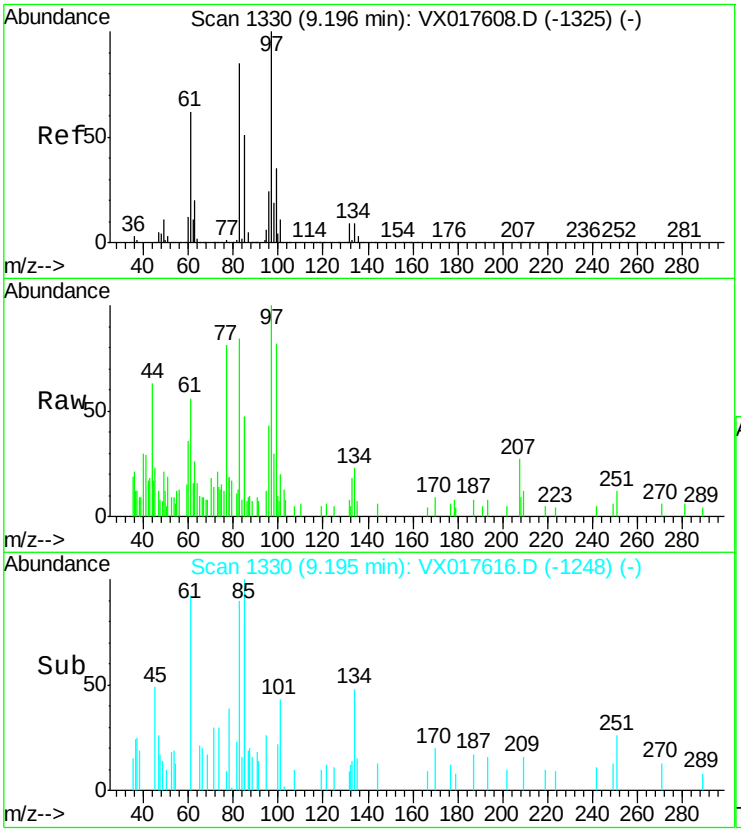


#45
1,4-Dioxane
Concen: 6.030 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 88 Resp: 904

Ion	Ratio	Lower	Upper
88	100		
43	49.7	29.0	43.6#
58	63.3	55.6	83.4



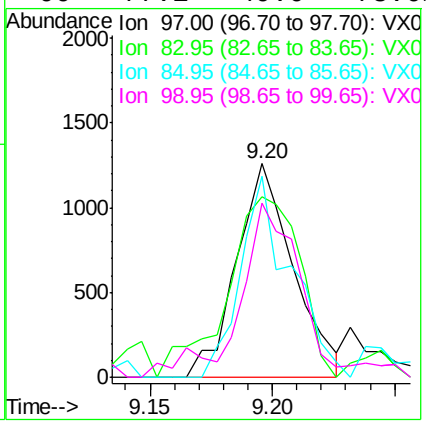


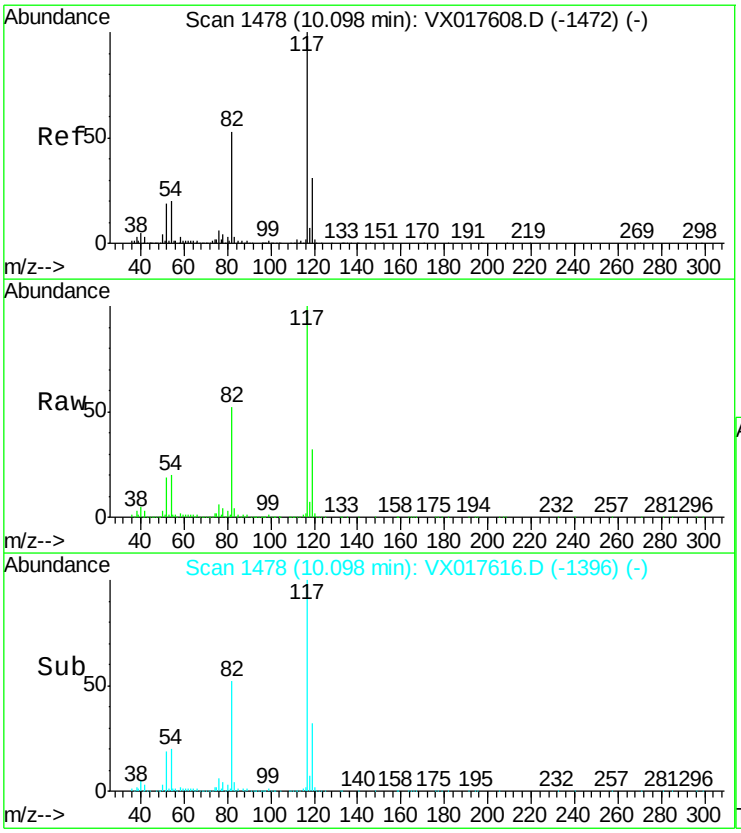
#50
1,1,2-Trichloroethane
Concen: 0.318 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 97 Resp: 2040

Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.2
85	94.1	42.6	64.0#
99	77.1	49.0	73.6#

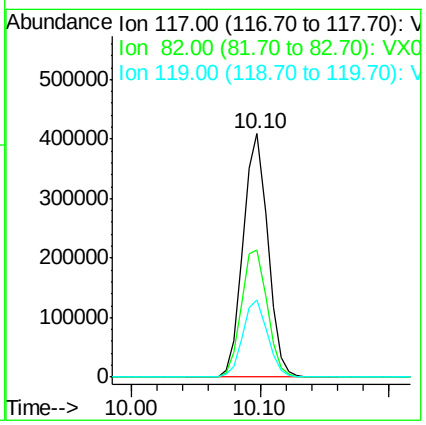


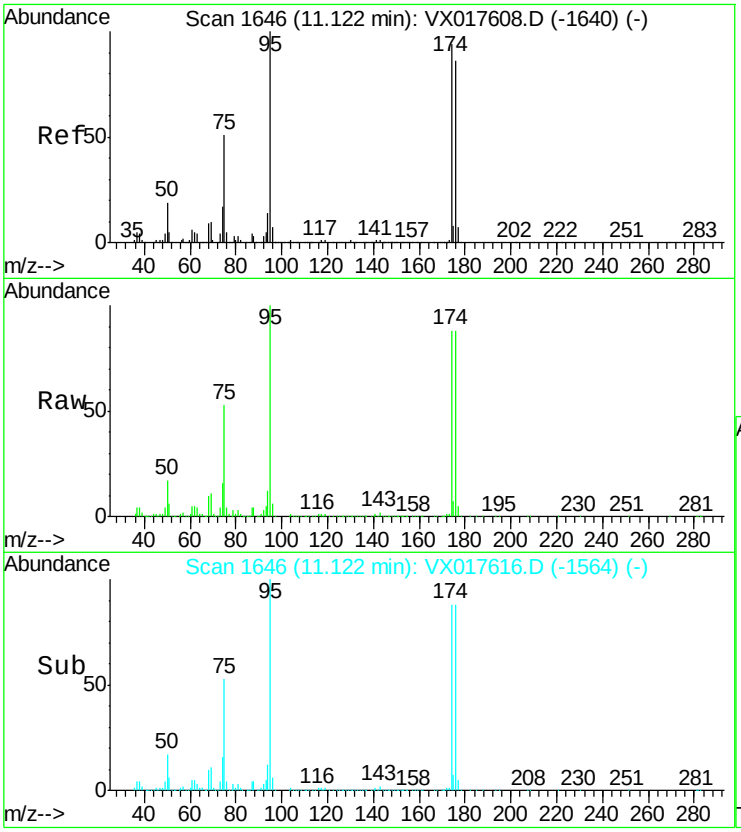


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion:117 Resp: 538031

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.6	65.4
119	31.8	25.7	38.5



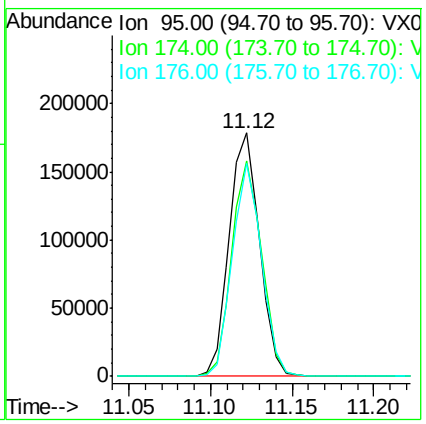


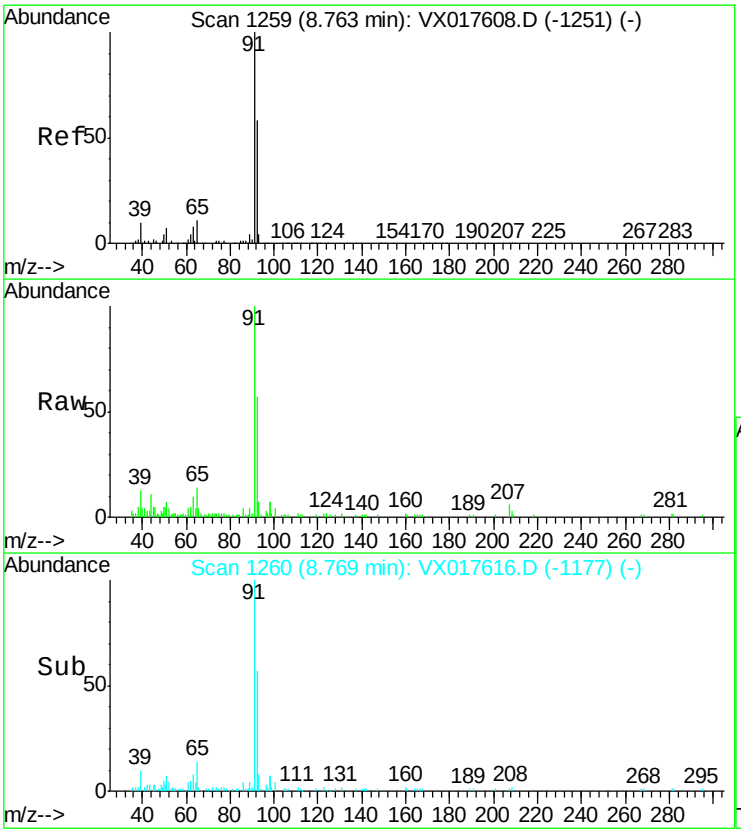
#60
4-Bromofluorobenzene
Concen: 25.384 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 95 Resp: 231288

Ion	Ratio	Lower	Upper
95	100		
174	87.4	70.2	105.2
176	84.7	65.6	98.4

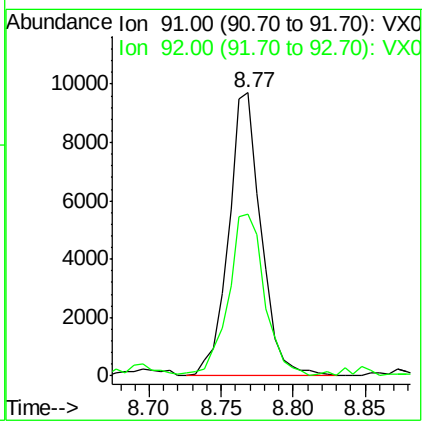


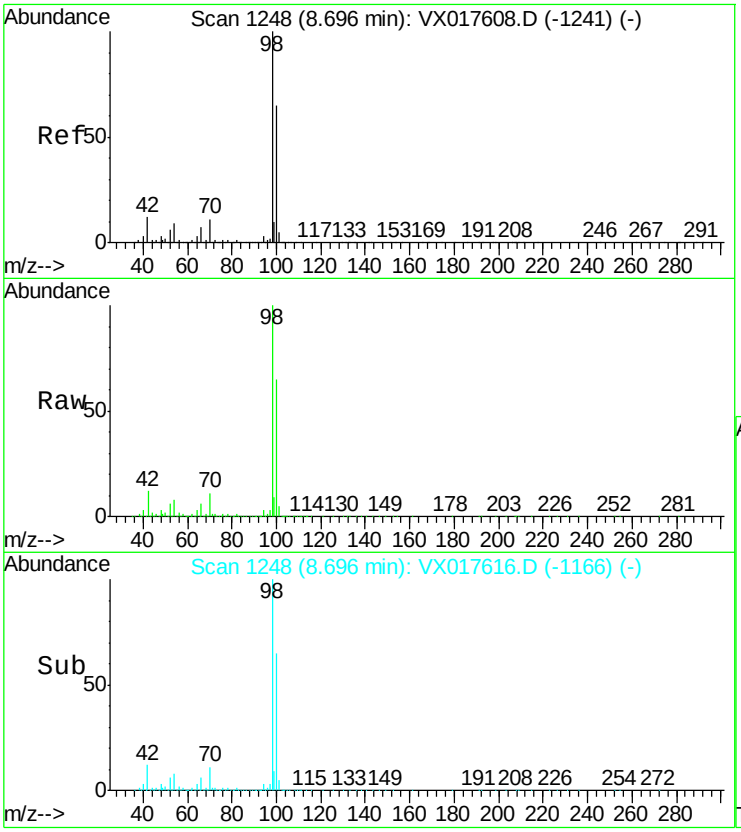


#62
Toluene
Concen: 0.573 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 91 Resp: 15323

Ion	Ratio	Lower	Upper
91	100		
92	62.7	46.9	70.3





#63
Toluene-d8
Concen: 28.238 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion: 98 Resp: 672331

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9