Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018623.D
Acq On : 28 Sep 2020 18:30
Operator : JC/SP
Sample : L4135-03
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q7

Quant Time: Sep 29 03:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	264962	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	256697	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127174	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	62335	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.70	69	56386	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.34	63	110021	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.56	46	182575	51.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.28%			
24) Chloroform-d	5.14	84	149228	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	6.03	65	84181	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
32) Benzene-d6	6.05	84	281163	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	7.37	67	86126	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	8.70	98	260531	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
45) trans-1,3-Dichloropropene-	8.99	79	36450	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
48) 2-Hexanone-d5	9.43	63	146552	50.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.92%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	64343	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	100555	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
8) Chloroethane	1.72	64	5317	0.674	ug/L #	66
13) Acetone	2.46	43	7663	3.916	ug/L	98
16) Methylene chloride	2.83	84	2373	0.134	ug/L #	70
19) 1,1-Dichloroethane	3.67	63	5183	0.224	ug/L #	79
33) Benzene	6.10	78	9129	0.184	ug/L	100
35) Methylcyclohexane	7.43	83	5265	0.264	ug/L #	21
42) Toluene	8.76	91	11815	0.221	ug/L	97
53) Chlorobenzene	10.12	112	580758	16.445	ug/L	96
58) Isopropylbenzene	11.00	105	10476	0.186	ug/L #	94
63) 1,3-Dichlorobenzene	12.01	146	6590	0.238	ug/L	90
64) 1,4-Dichlorobenzene	12.08	146	105276	3.770	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	15546	0.604	ug/L	96

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

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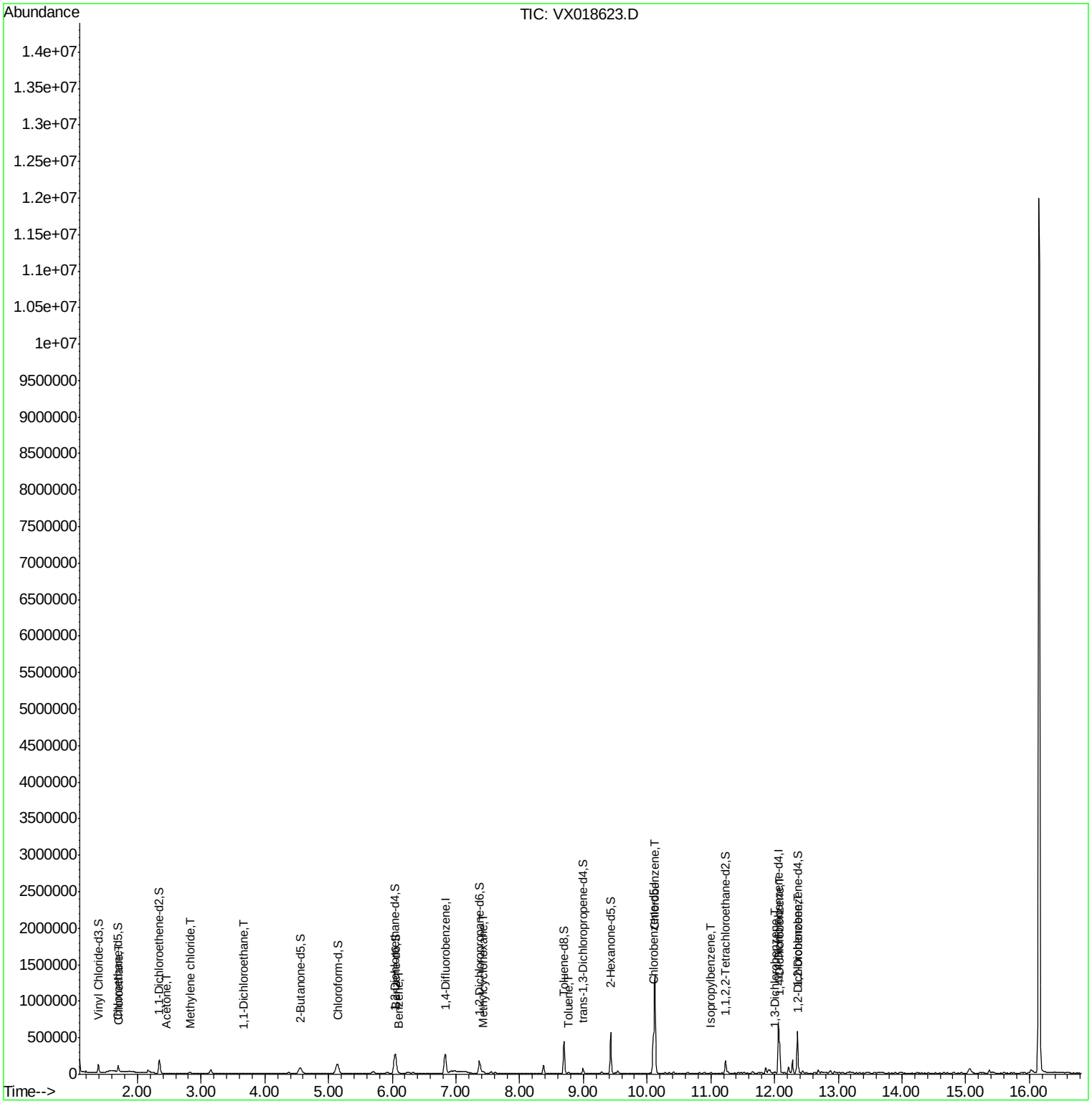
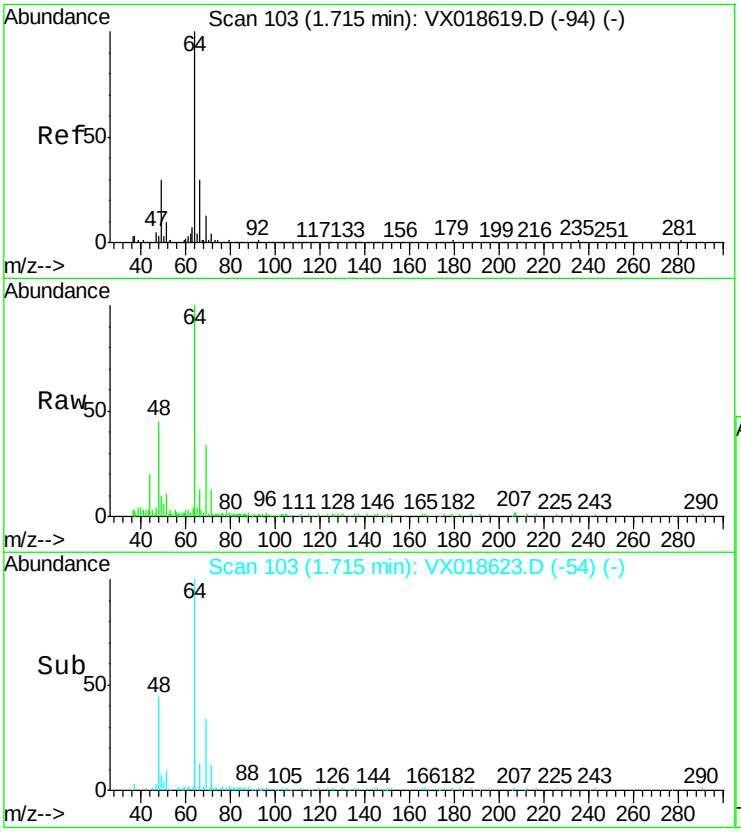
Acq On : 28 Sep 2020 18:30
Operator : JC/SP
Sample : L4135-03
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0Q7

Quant Time: Sep 29 03:20:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration



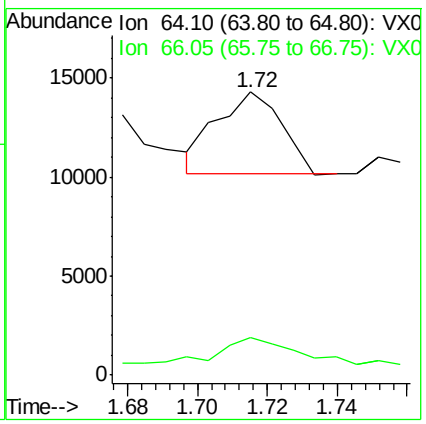


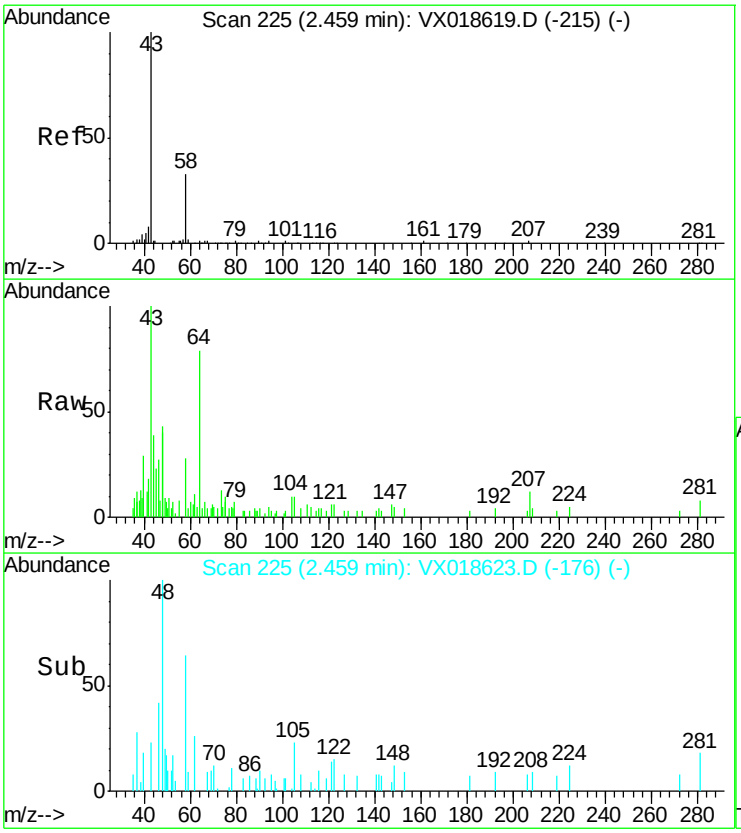
#8
Chloroethane
Concen: 0.674 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Instrument :
MSVOA_X
ClientSampleId :
BG0Q7

Tgt Ion: 64 Resp: 5317

Ion	Ratio	Lower	Upper
64	100		
66	13.2	22.3	41.3#

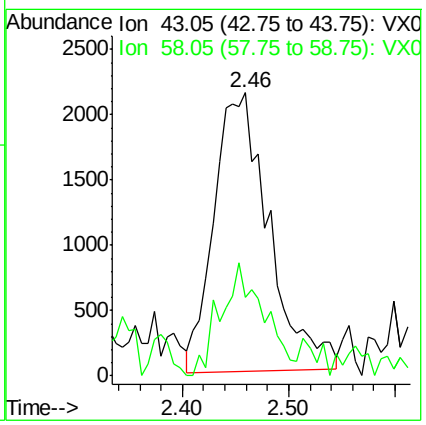


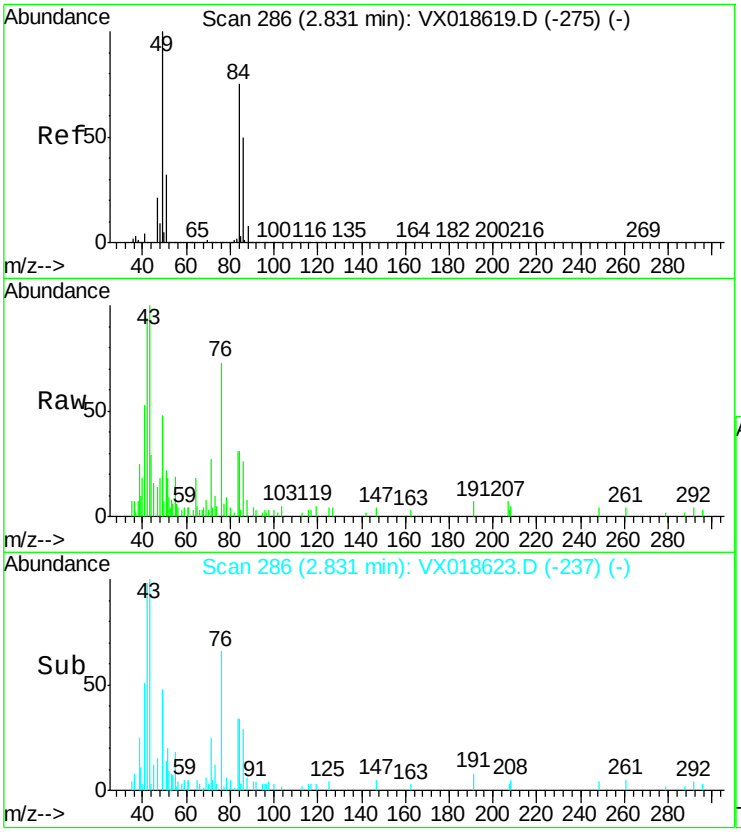


#13
Acetone
Concen: 3.916 ug/L
RT: 2.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Tgt Ion: 43 Resp: 7663

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	61.6



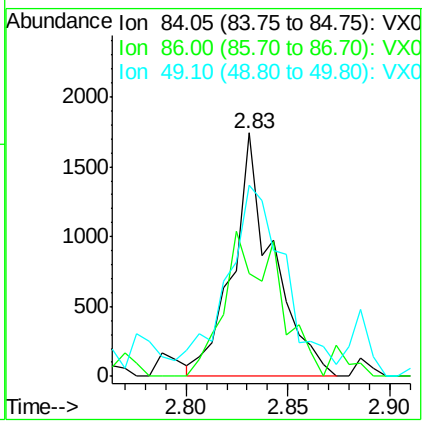


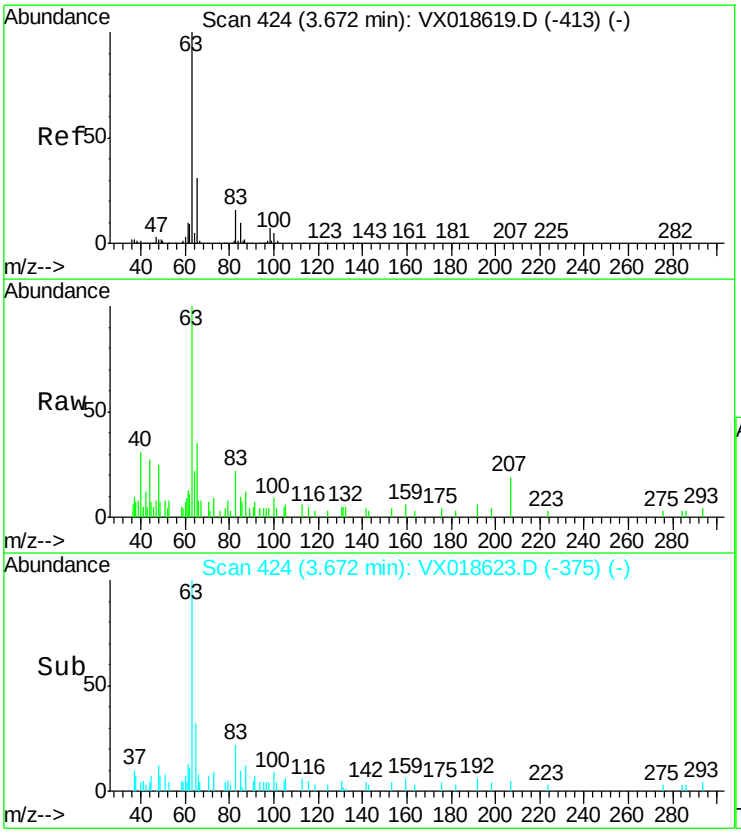
#16
Methylene chloride
Concen: 0.134 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Instrument : MSVOA_X
ClientSampleId : BG0Q7

Tgt Ion: 84 Resp: 2373

Ion	Ratio	Lower	Upper
84	100		
86	42.4	41.9	77.7
49	78.4	80.8	150.2#

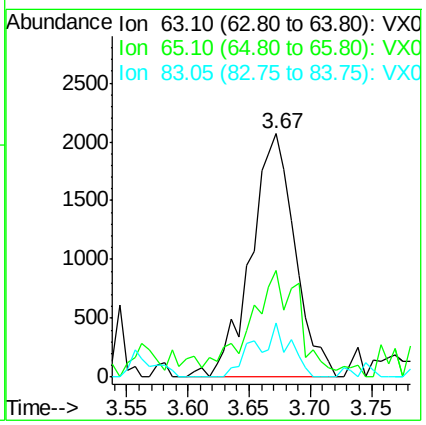


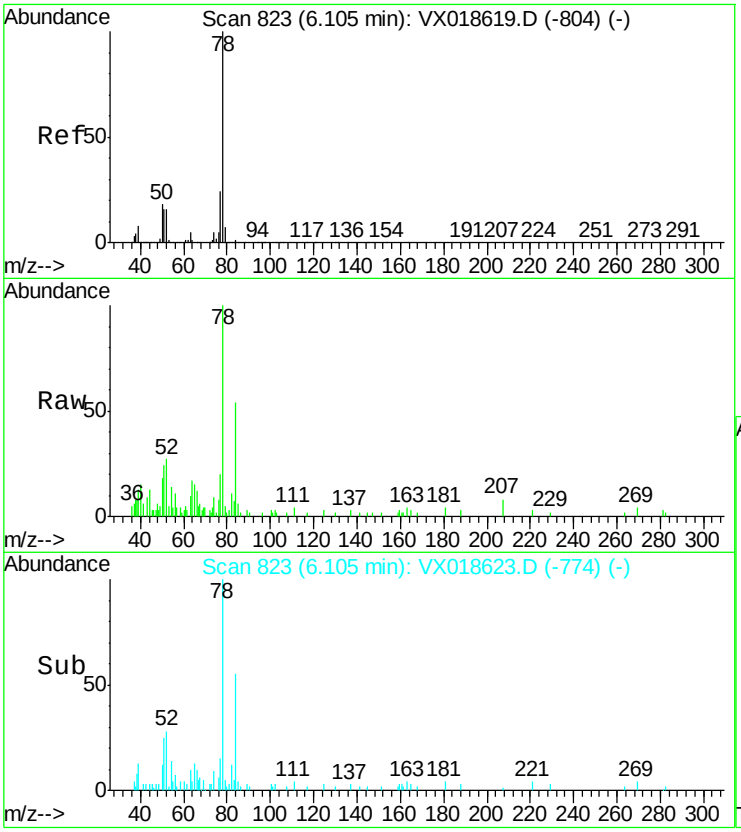


#19
1,1-Dichloroethane
Concen: 0.224 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Tgt Ion: 63 Resp: 5183

Ion	Ratio	Lower	Upper
63	100		
65	43.7	22.7	42.1#
83	22.5	9.3	17.3#

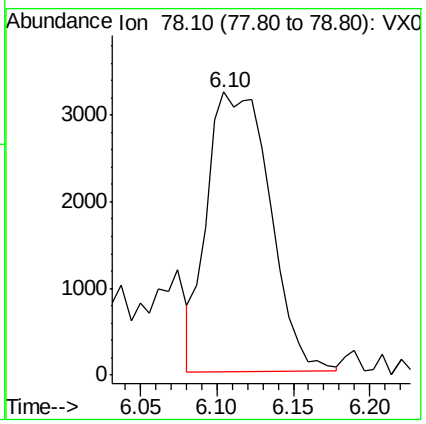


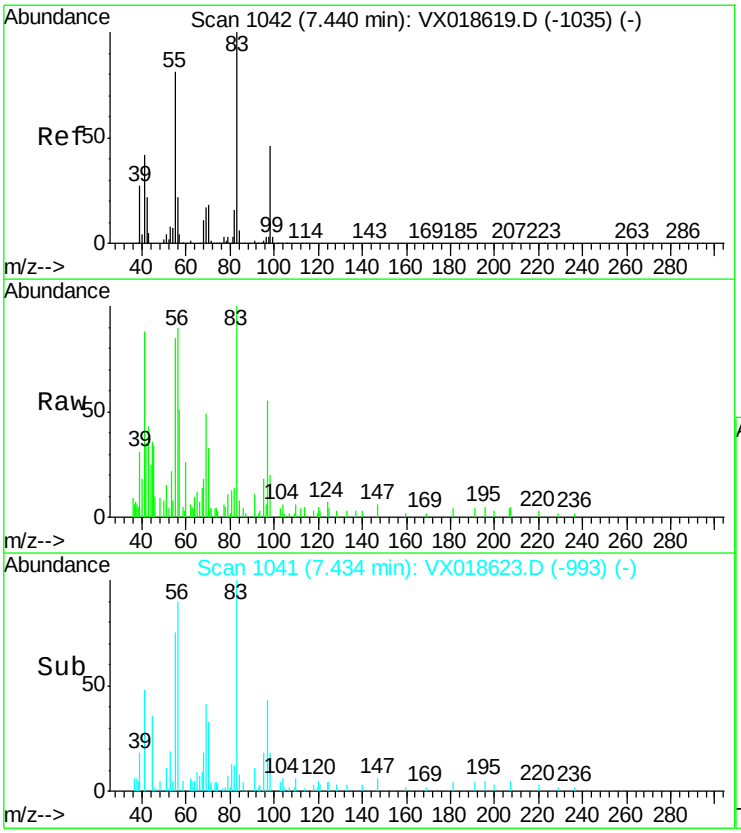


#33
Benzene
Concen: 0.184 ug/L
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Instrument :
MSVOA_X
ClientSampleId :
BG0Q7

Tgt Ion: 78 Resp: 9129

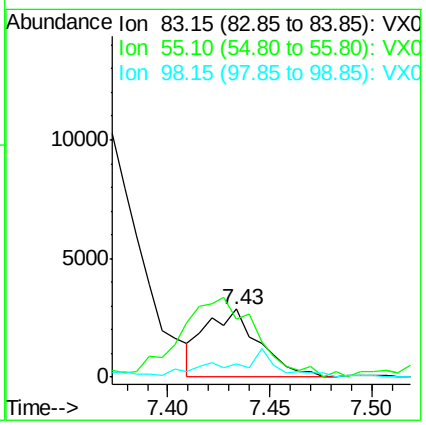


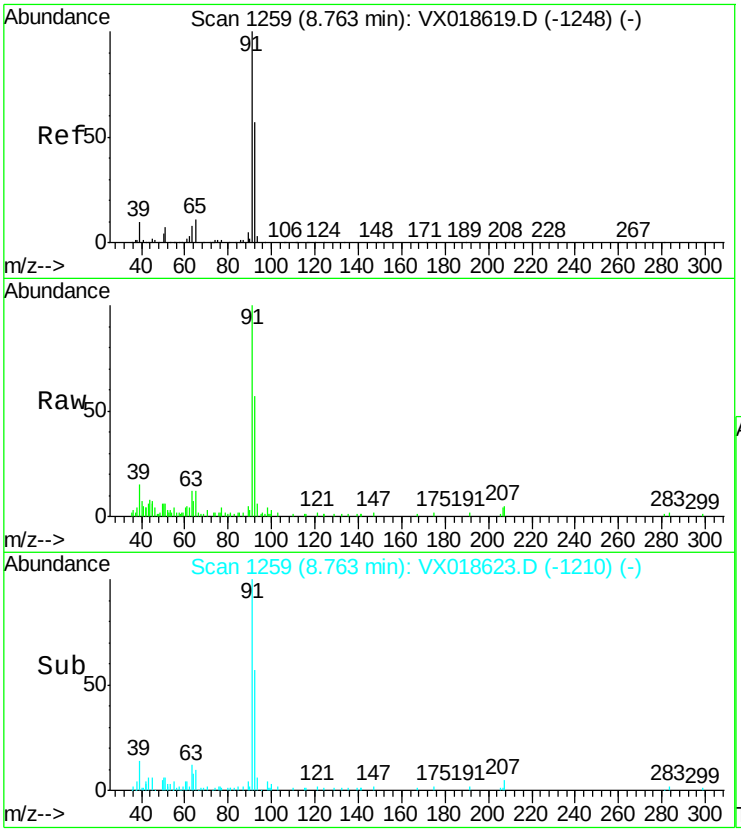


#35
Methylcyclohexane
Concen: 0.264 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Tgt Ion: 83 Resp: 5265

Ion	Ratio	Lower	Upper
83	100		
55	169.8	67.4	101.0#
98	13.8	41.1	61.7#



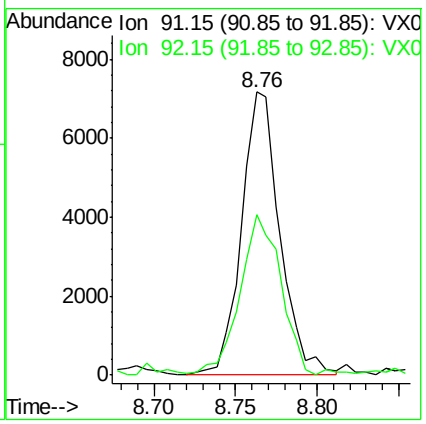


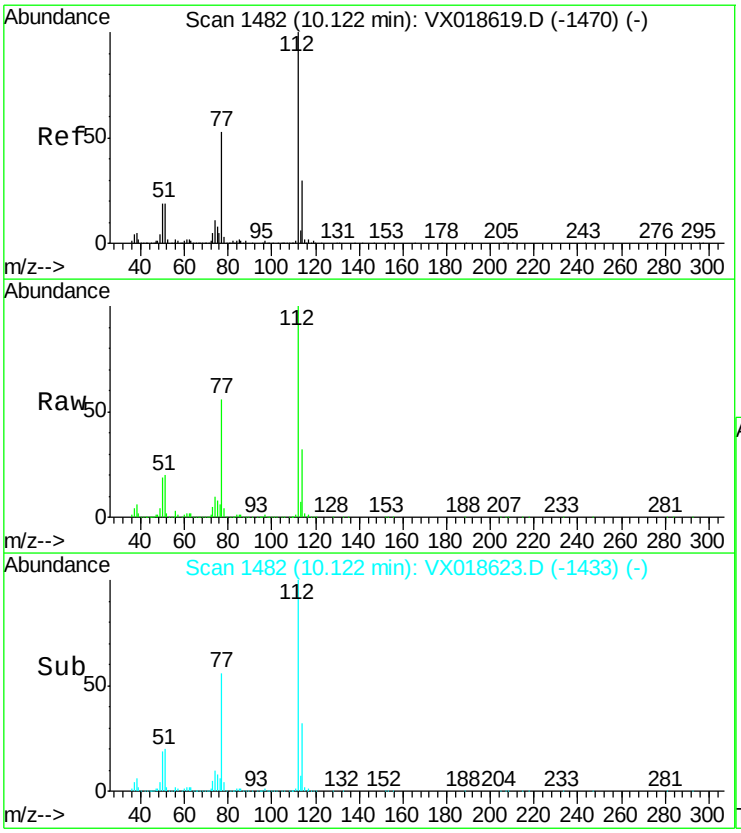
#42
Toluene
Concen: 0.221 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Instrument :
MSVOA_X
ClientSampleId :
BG0Q7

Tgt Ion: 91 Resp: 11815

Ion	Ratio	Lower	Upper
91	100		
92	56.6	41.1	76.3

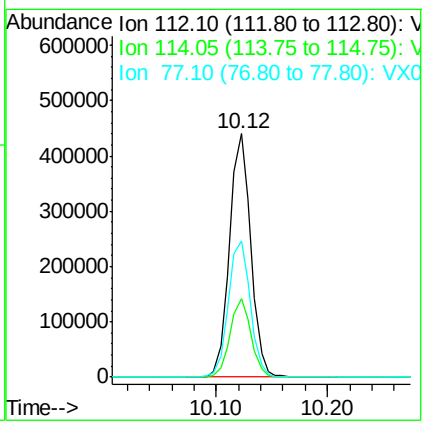


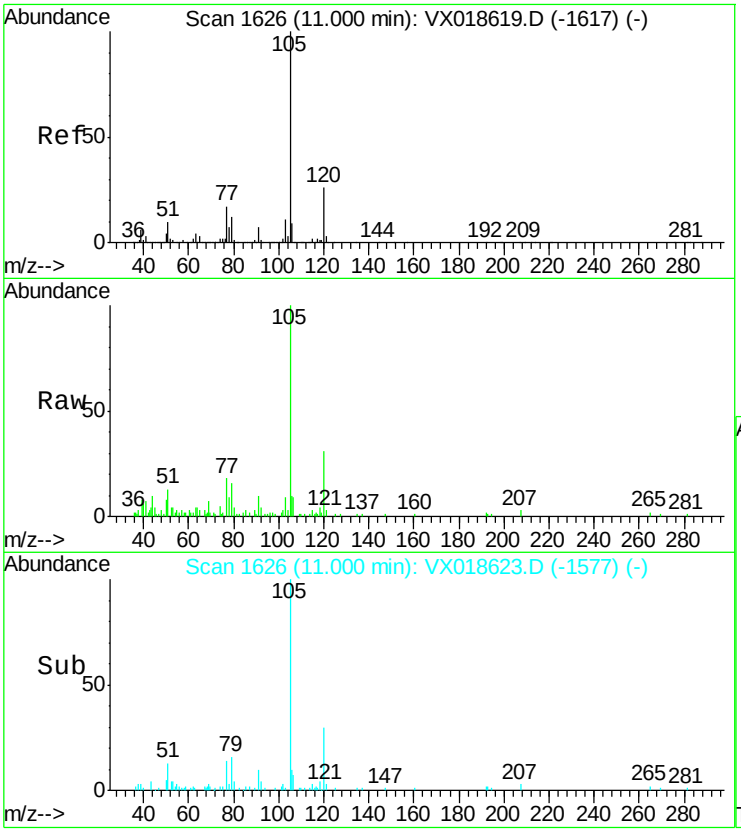


#53
Chlorobenzene
Concen: 16.445 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Tgt Ion:112 Resp: 580758

Ion	Ratio	Lower	Upper
112	100		
114	32.1	20.6	38.4
77	55.8	46.6	69.8



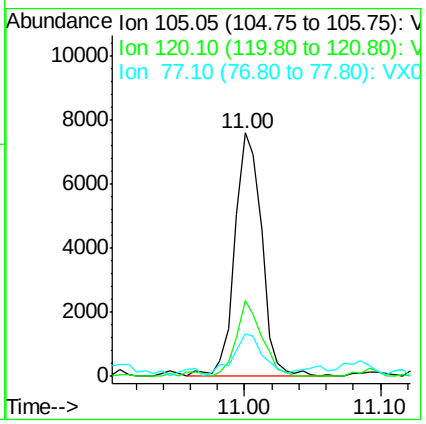


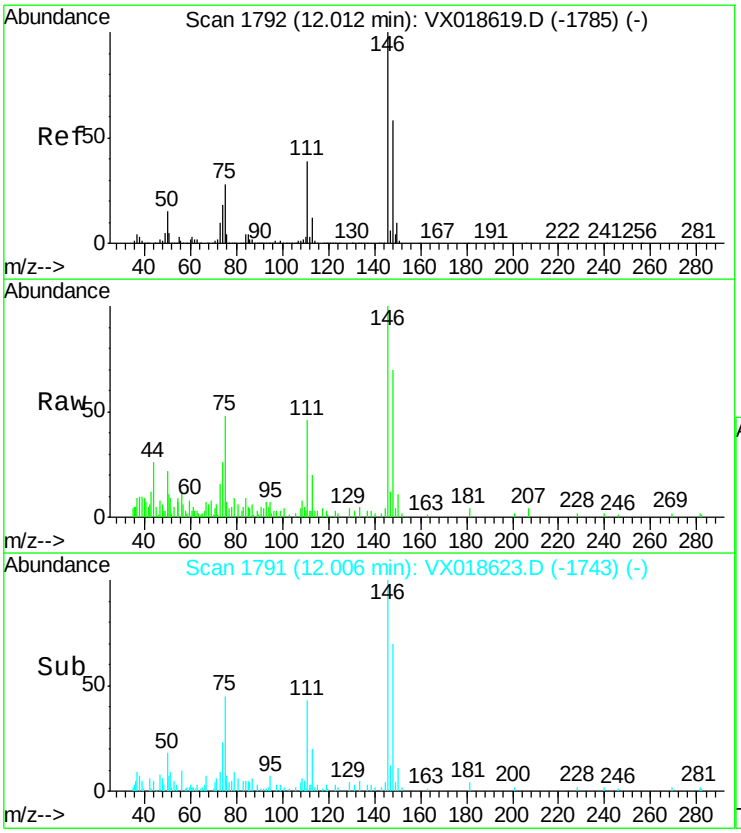
#58
Isopropylbenzene
Concen: 0.186 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Instrument : MSVOA_X
ClientSampleId : BG0Q7

Tgt Ion:105 Resp: 10476

Ion	Ratio	Lower	Upper
105	100		
120	29.4	21.2	31.8
77	19.9	13.3	19.9#

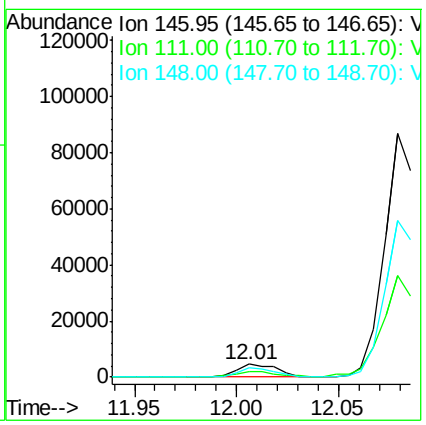


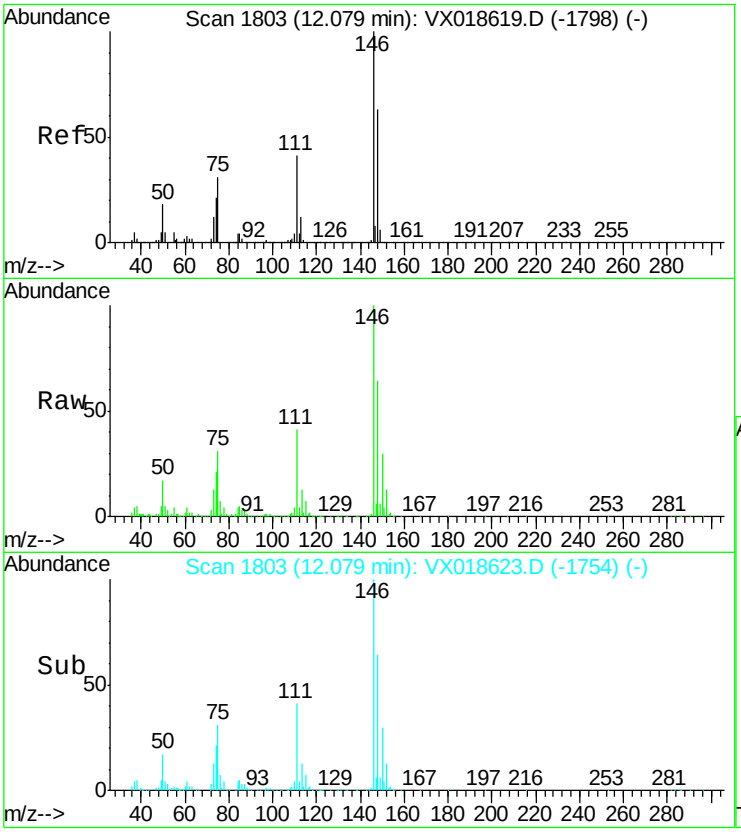


#63
1,3-Dichlorobenzene
Concen: 0.238 ug/L
RT: 12.01 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Tgt Ion:146 Resp: 6590

Ion	Ratio	Lower	Upper
146	100		
111	45.6	26.7	49.7
148	70.0	44.4	82.5



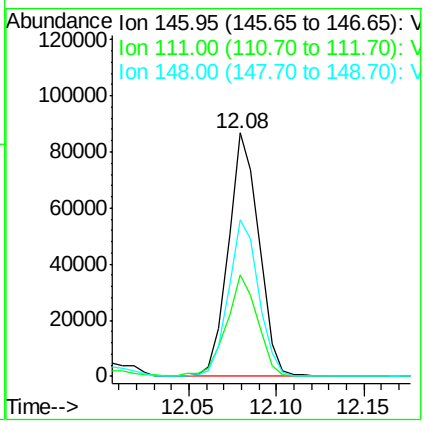


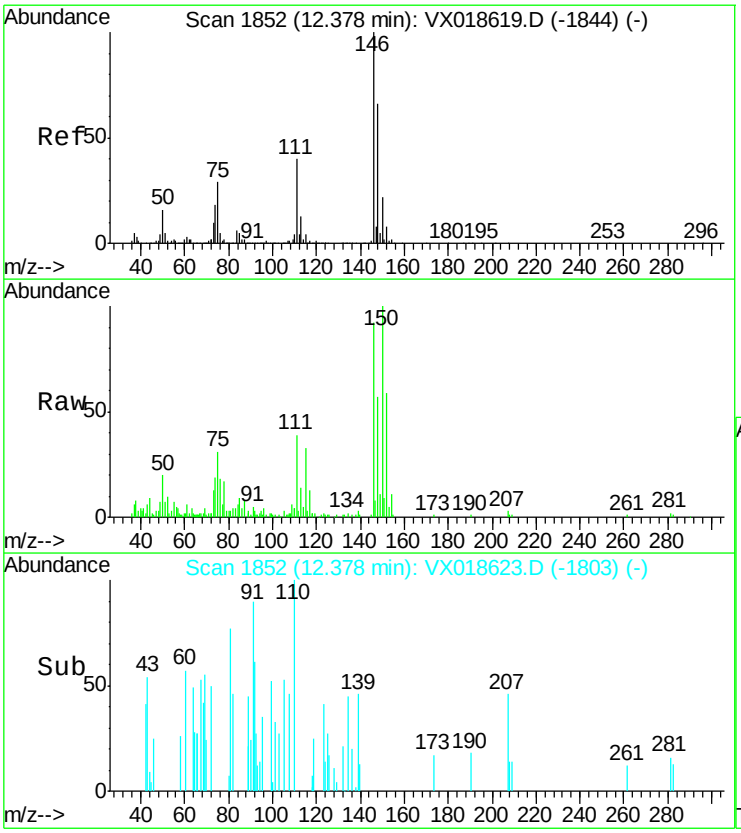
#64
1,4-Dichlorobenzene
Concen: 3.770 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Instrument : MSVOA_X
ClientSampleId : BG0Q7

Tgt Ion:146 Resp: 105276

Ion	Ratio	Lower	Upper
146	100		
111	41.4	28.8	53.4
148	64.1	44.9	83.3





#66
1,2-Dichlorobenzene
Concen: 0.604 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018623.D
Acq: 28 Sep 2020 18:30

Tgt Ion:146 Resp: 15546

Ion	Ratio	Lower	Upper
146	100		
111	42.7	33.6	50.4
148	61.5	53.4	80.2