

(QT Reviewed)

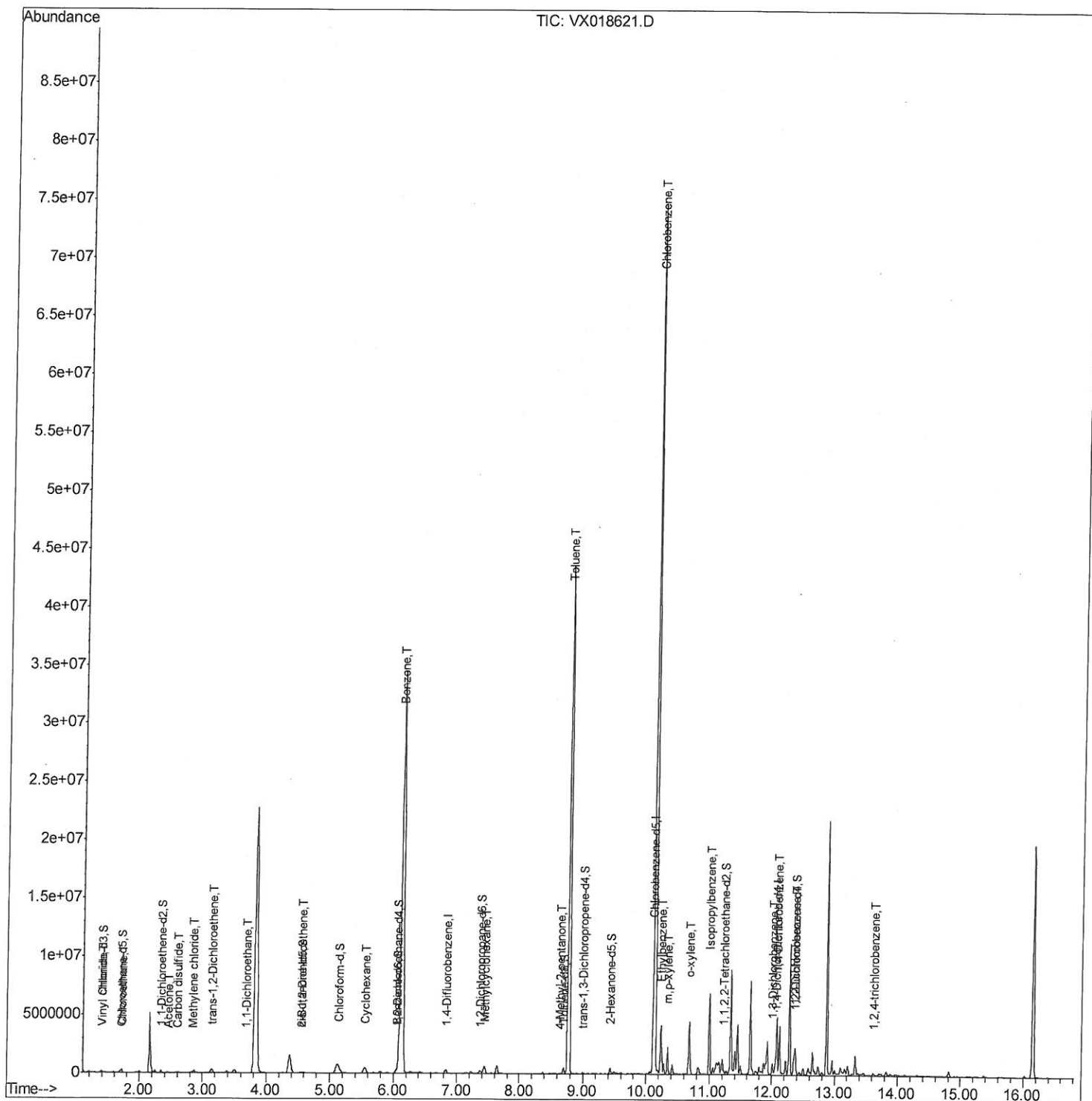
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\ VX092820\
Data File : VX018621.D
Acq On : 28 Sep 2020 17:42
Operator : JC/SP
Sample : L4135-01
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG005

Manual Integrations APPROVED

MMDadoda
9/29/2020 9:43:15 AM

Quant Time: Sep 29 03:00:58 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



Quantitation Report (Qedit)

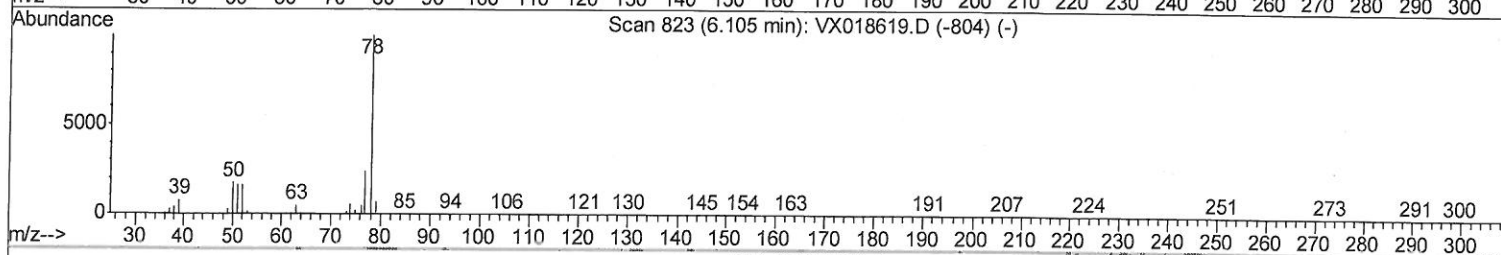
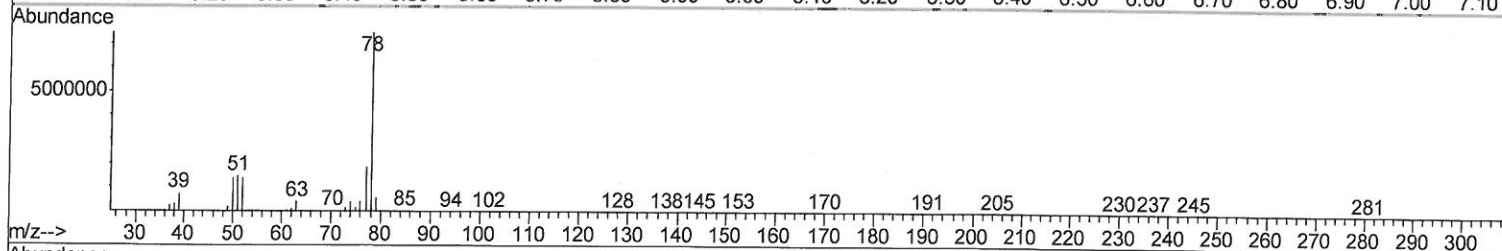
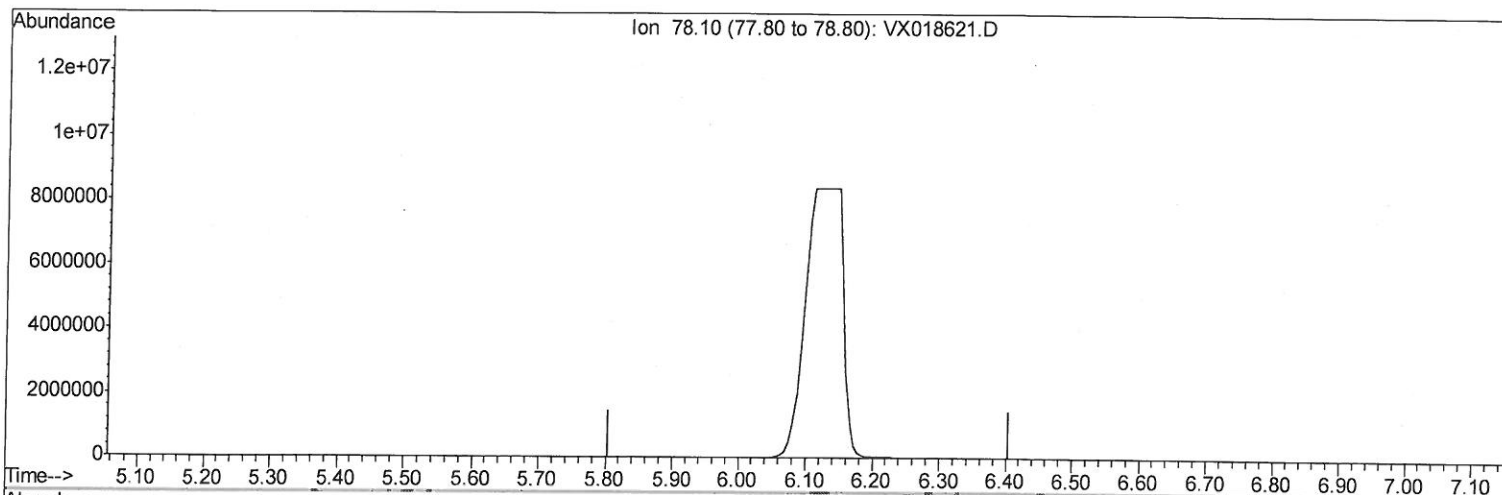
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018621.D
 Acq On : 28 Sep 2020 17:42
 Operator : JC/SP
 Sample : L4135-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 9:43:15 AM

Quant Time: Sep 29 02:38:22 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



(33) Benzene (T)

6.105min (-6.105) 0.00ug/L

response 0

Ion	Exp%	Act%
78.10	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

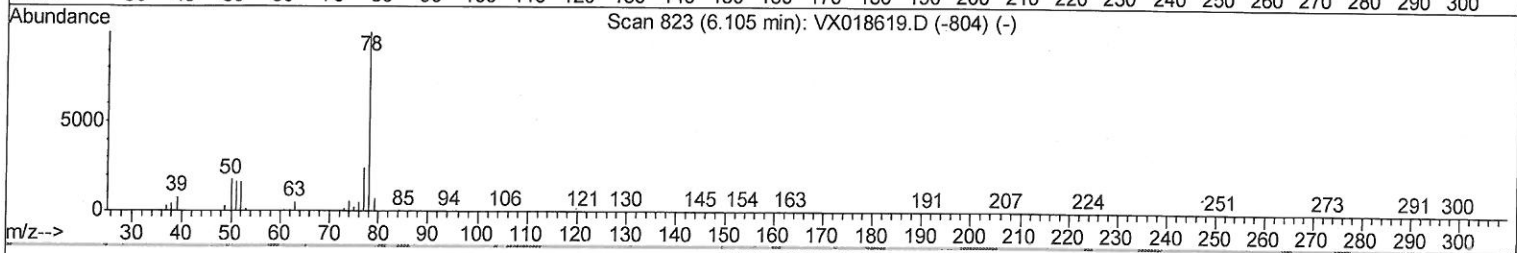
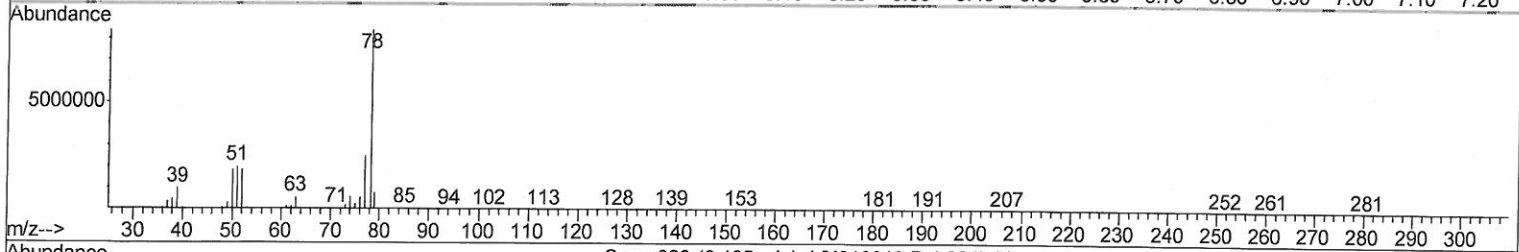
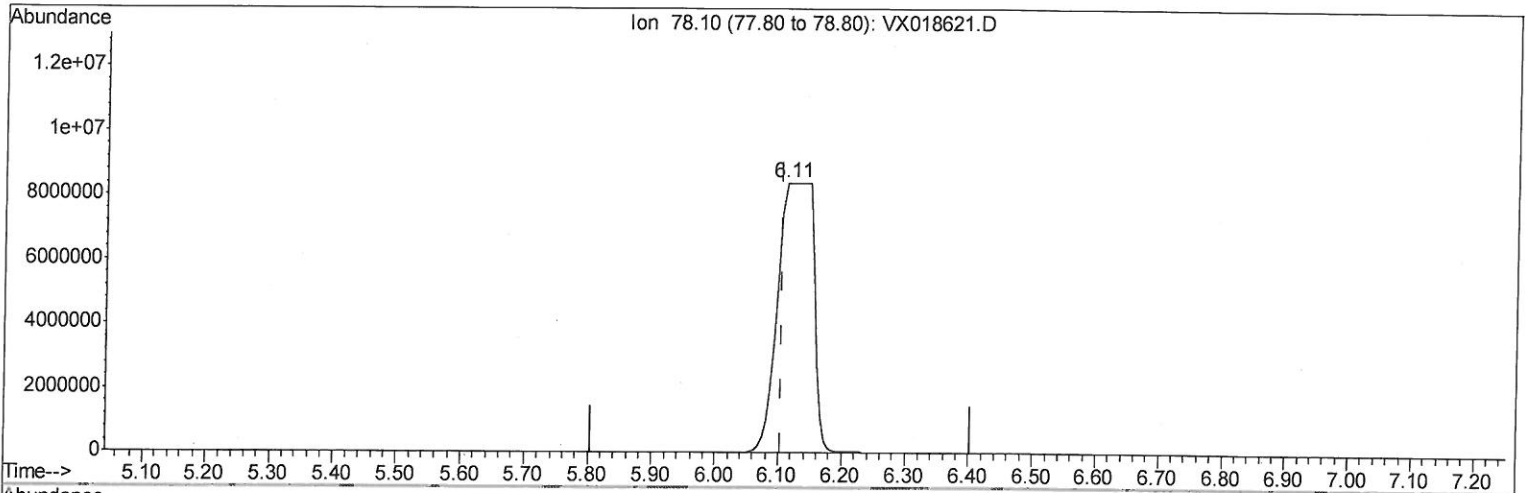
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018621.D
 Acq On : 28 Sep 2020 17:42
 Operator : JC/SP
 Sample : L4135-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 9:43:15 AM

Quant Time: Sep 29 02:38:22 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



TIC: VX018621.D

(33) Benzene (T)

6.111min (+0.006) 623.43ug/L m

response 32604779

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

7 mB
10/06/20

Quantitation Report (Qedit)

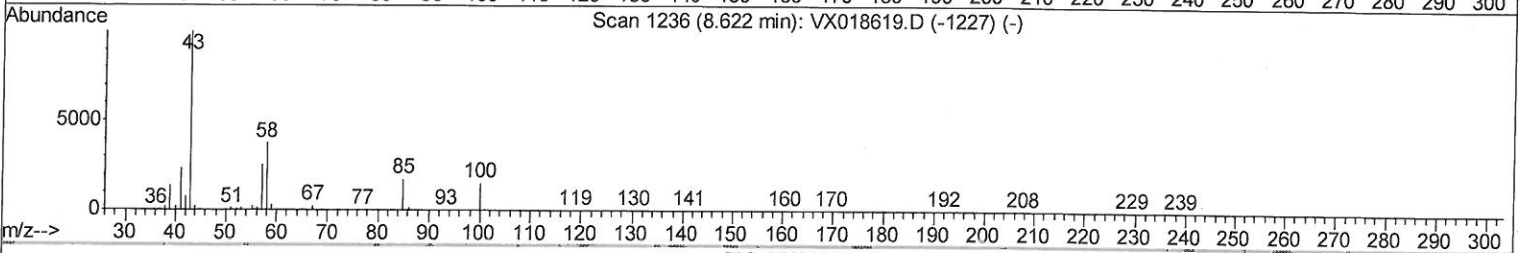
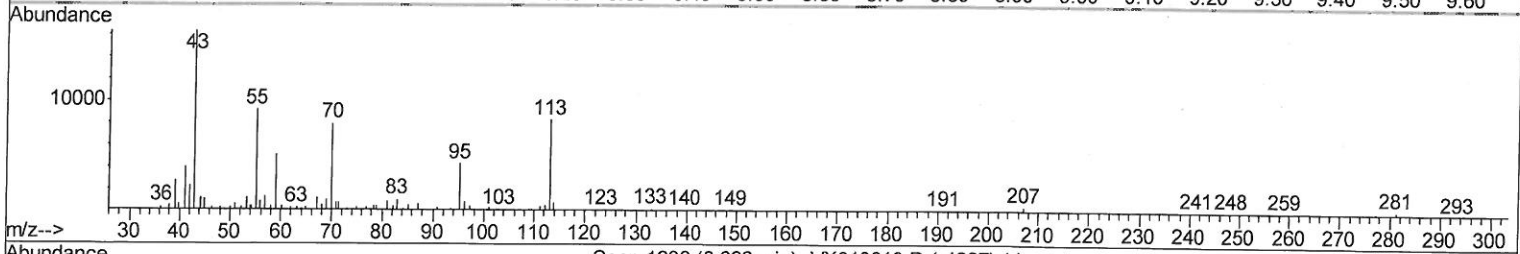
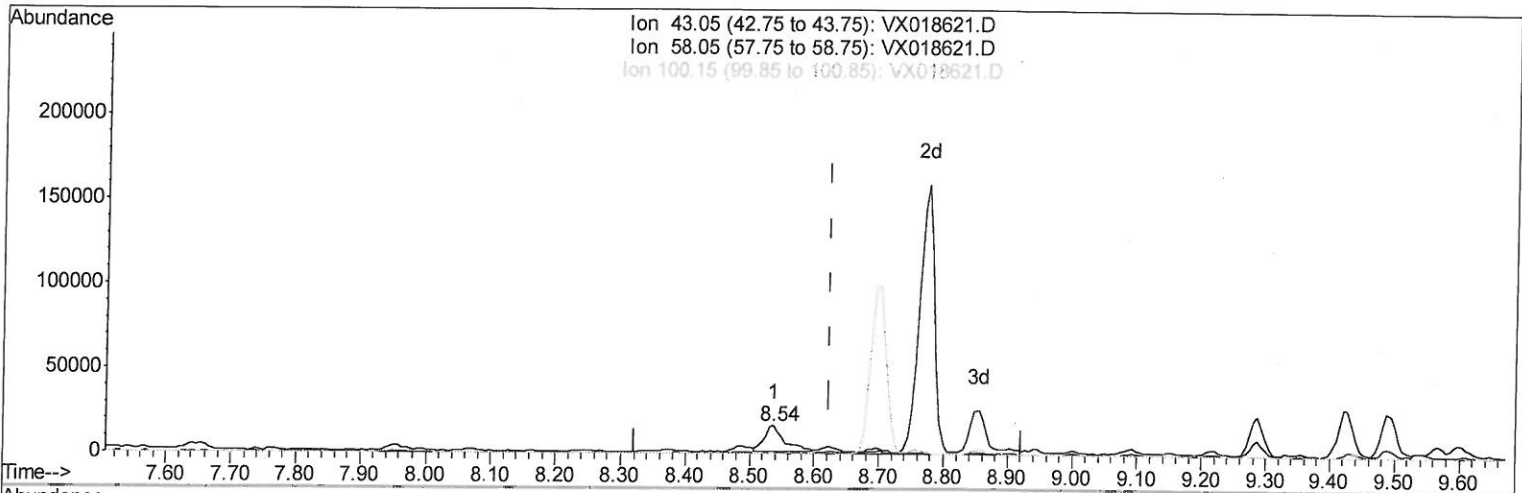
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018621.D
 Acq On : 28 Sep 2020 17:42
 Operator : JC/SP
 Sample : L4135-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 9:43:15 AM

Quant Time: Sep 29 02:38:22 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



TIC: VX018621.D

(40) 4-Methyl-2-pentanone (T)

8.537min (-0.085) 4.30ug/L

response 33278

Ion	Exp%	Act%
-----	------	------

43.05	100	100
-------	-----	-----

58.05	37.80	5.29#
-------	-------	-------

100.15	14.80	0.00#
--------	-------	-------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

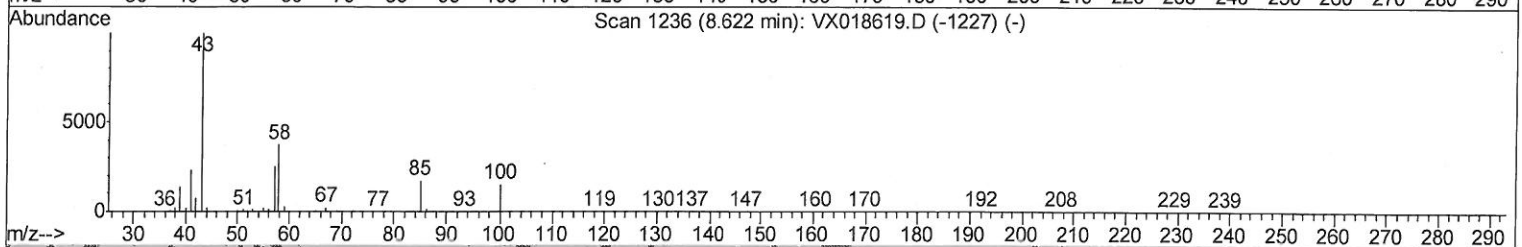
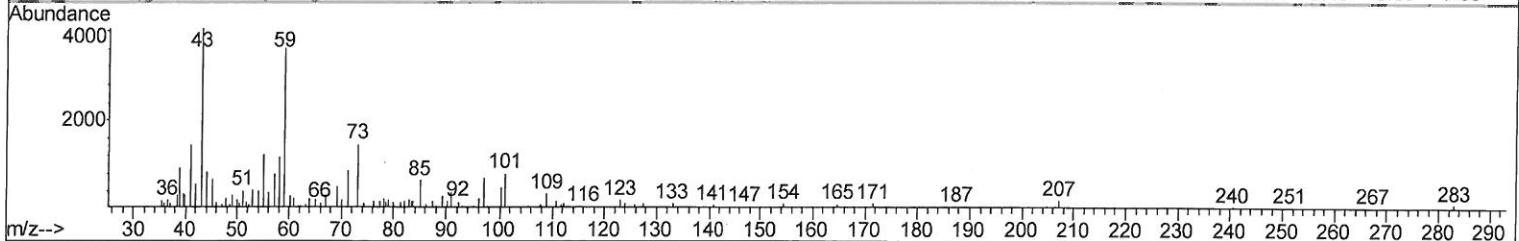
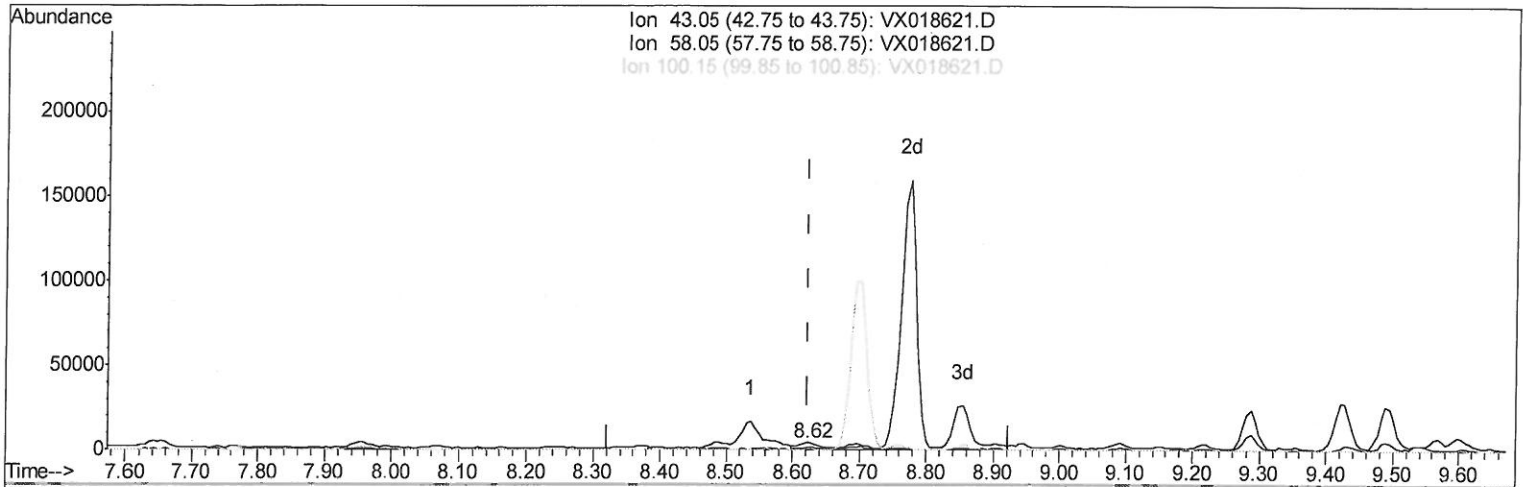
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018621.D
 Acq On : 28 Sep 2020 17:42
 Operator : JC/SP
 Sample : L4135-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 9:43:15 AM

Quant Time: Sep 29 02:38:22 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



TIC: VX018621.D

(40) 4-Methyl-2-pentanone (T)

8.622min (0.000) 0.98ug/L m

response 7565

Ion Exp% Act%

43.05 100 100

58.05 37.80 23.28#

100.15 14.80 0.00#

0.00 0.00 0.00

mg
12/06/20

Quantitation Report (Qedit)

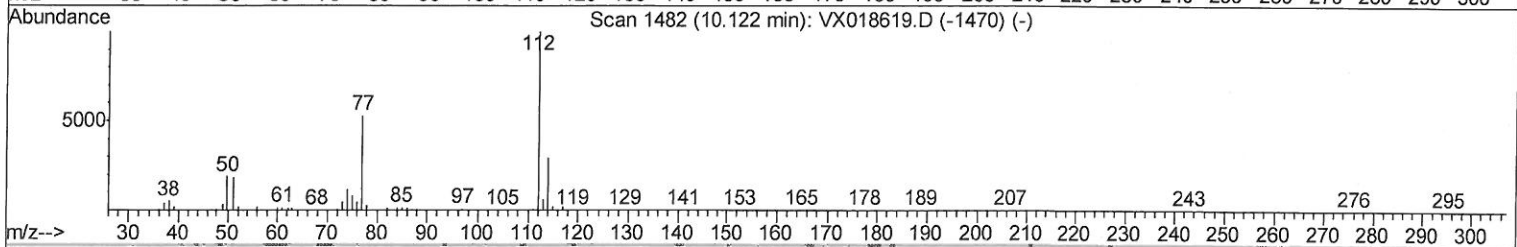
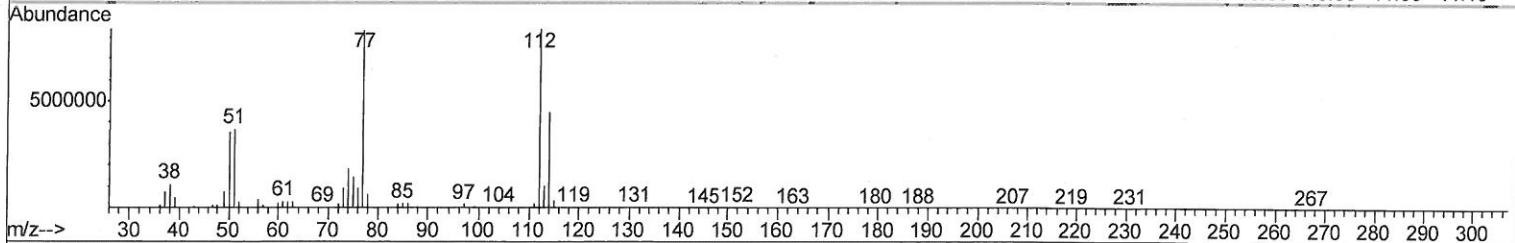
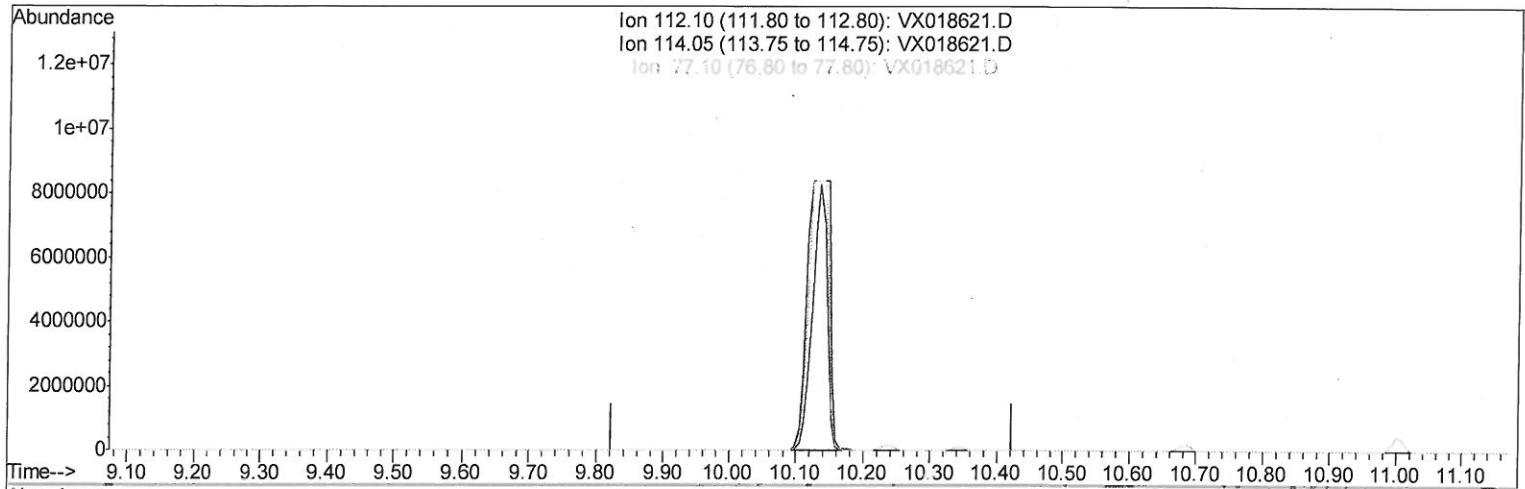
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018621.D
 Acq On : 28 Sep 2020 17:42
 Operator : JC/SP
 Sample : L4135-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 9:43:15 AM

Quant Time: Sep 29 02:38:22 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



TIC: VX018621.D

(53) Chlorobenzene (T)
 10.122min (-10.122) 0.00ug/L
 response 0

Ion	Exp%	Act%
112.10	100	0.00
114.05	29.50	0.00#
77.10	58.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

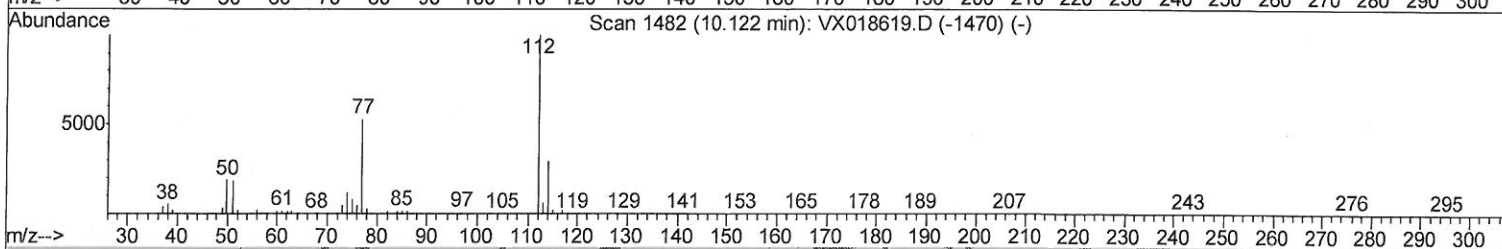
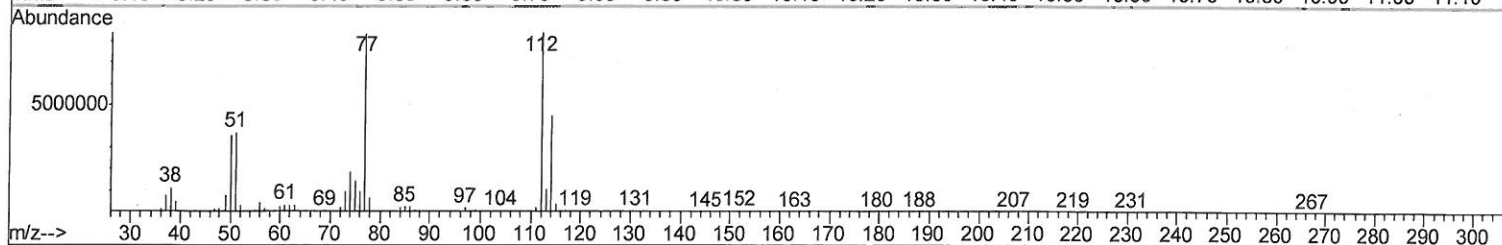
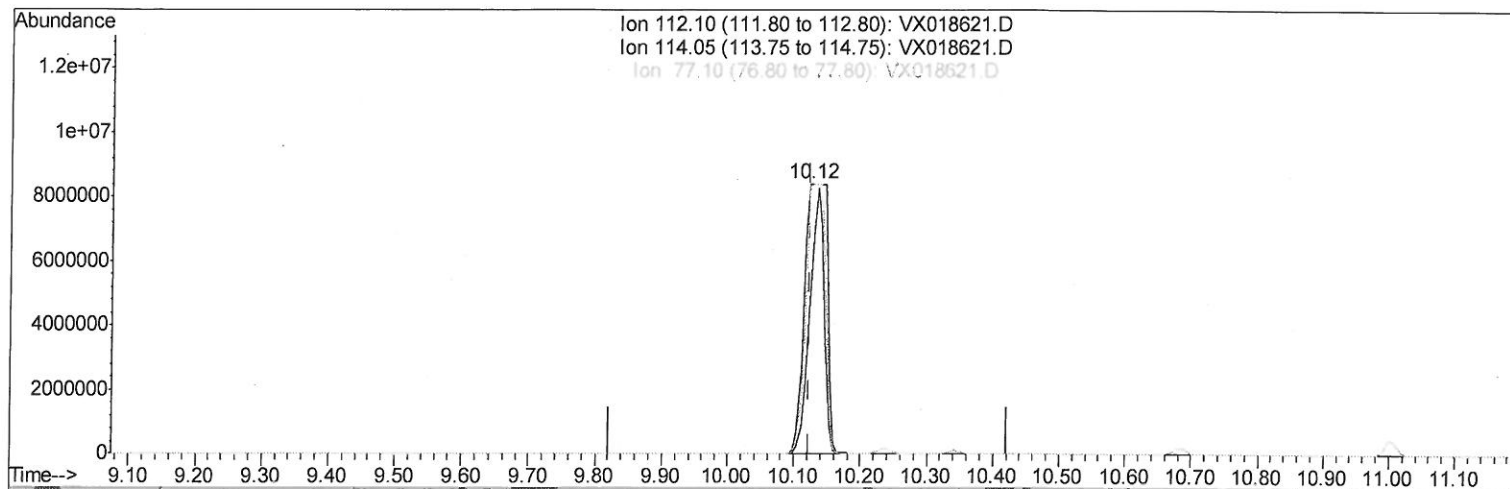
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018621.D
Acq On : 28 Sep 2020 17:42
Operator : JC/SP
Sample : L4135-01
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0Q5

Manual Integrations
APPROVED

MMDadoda
9/29/2020 9:43:15 AM

Quant Time: Sep 29 02:38:22 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



TIC: VX018621.D

(53) Chlorobenzene (T)

10.122min (0.000) 536.48ug/L m

response 20019967

Ion	Exp%	Act%
-----	------	------

112.10	100	100
--------	-----	-----

114.05	29.50	53.46#
--------	-------	--------

77.10	58.20	99.41#
-------	-------	--------

0.00	0.00	0.00
------	------	------

2MD
10/06/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018621.D
 Acq On : 28 Sep 2020 17:42
 Operator : JC/SP
 Sample : L4135-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 9:43:15 AM

Quant Time: Sep 29 03:00:58 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	279585	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	271254	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	145295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62625	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.70	69	62353	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.34	63	110472	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.56	46	162293	43.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.00%
24) Chloroform-d	5.14	84	148171	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	6.04	65	80712	4.00	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	6.06	84	277482	4.43	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	7.37	67	84795	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	8.70	98	267417	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
45) trans-1,3-Dichloropropene-	8.99	79	34695	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
48) 2-Hexanone-d5	9.43	63	137727	45.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.64%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	71097	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	109286	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	28992	1.915	ug/L	100
8) Chloroethane	1.72	64	158566	19.048	ug/L	97
13) Acetone	2.46	43	50640	24.524	ug/L	94
14) Carbon disulfide	2.60	76	195390	4.708	ug/L	97
16) Methylene chloride	2.83	84	5474	0.294	ug/L	93
18) trans-1,2-Dichloroethene	3.14	96	24734	1.813	ug/L	89
19) 1,1-Dichloroethane	3.67	63	27686	1.132	ug/L	# 91
22) cis-1,2-Dichloroethene	4.57	96	32870	2.309	ug/L	# 91
30) Cyclohexane	5.55	56	287582	13.993	ug/L	98
33) Benzene	6.11	78	32604779m	623.431	ug/L	
35) Methylcyclohexane	7.44	83	264749	12.577	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	7565m	0.978	ug/L	
42) Toluene	8.76	91	19986012	353.794	ug/L	# 75
53) Chlorobenzene	10.12	112	20019967m	536.478	ug/L	
54) Ethylbenzene	10.24	91	2317073	37.655	ug/L	97
55) m,p-xylene	10.34	106	511859	21.755	ug/L	96
56) o-xylene	10.68	106	897985	40.392	ug/L	87

MD
 10/06/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018621.D
Acq On : 28 Sep 2020 17:42
Operator : JC/SP
Sample : L4135-01
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0Q5

Manual Integrations
APPROVED

MMDadoda
9/29/2020 9:43:15 AM

Quant Time: Sep 29 03:00:58 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)
58) Isopropylbenzene	11.00	105	3517065	59.003	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	295852	9.367	ug/L	98
64) 1,4-Dichlorobenzene	12.09	146	1529297	47.932	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	636737	21.638	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	3741	0.192	ug/L #	65

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