

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\

Data File : VV016252.D

Acq On : 28 May 2020 01:23

Operator : SY/MD

Sample : L2766-09

Misc : 25.0mL/MSVOA V/WATER

ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 28 08:01:51 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\SOMVTR052620WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu May 28 06:30:54 2020

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

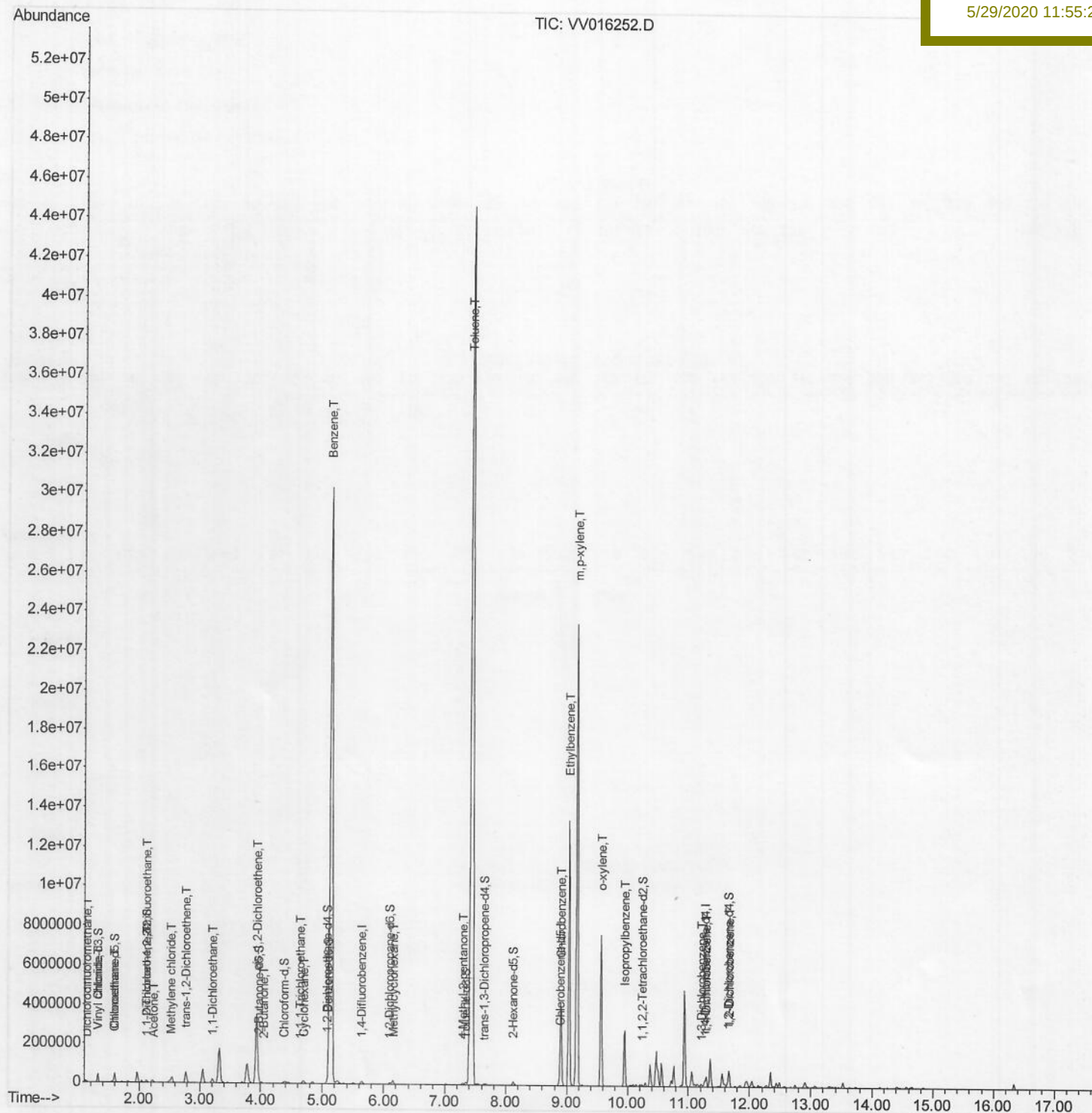
BE4Z2

Manual Integrations

APPROVED

MMDadoda

5/29/2020 11:55:27 AM



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Acq On : 28 May 2020 01:23

Operator : SY/MD

Sample : L2766-09

Misc : 25.0mL/MSVOA V/WATER

ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 28 06:36:05 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu May 28 06:30:54 2020

Response via : Initial Calibration

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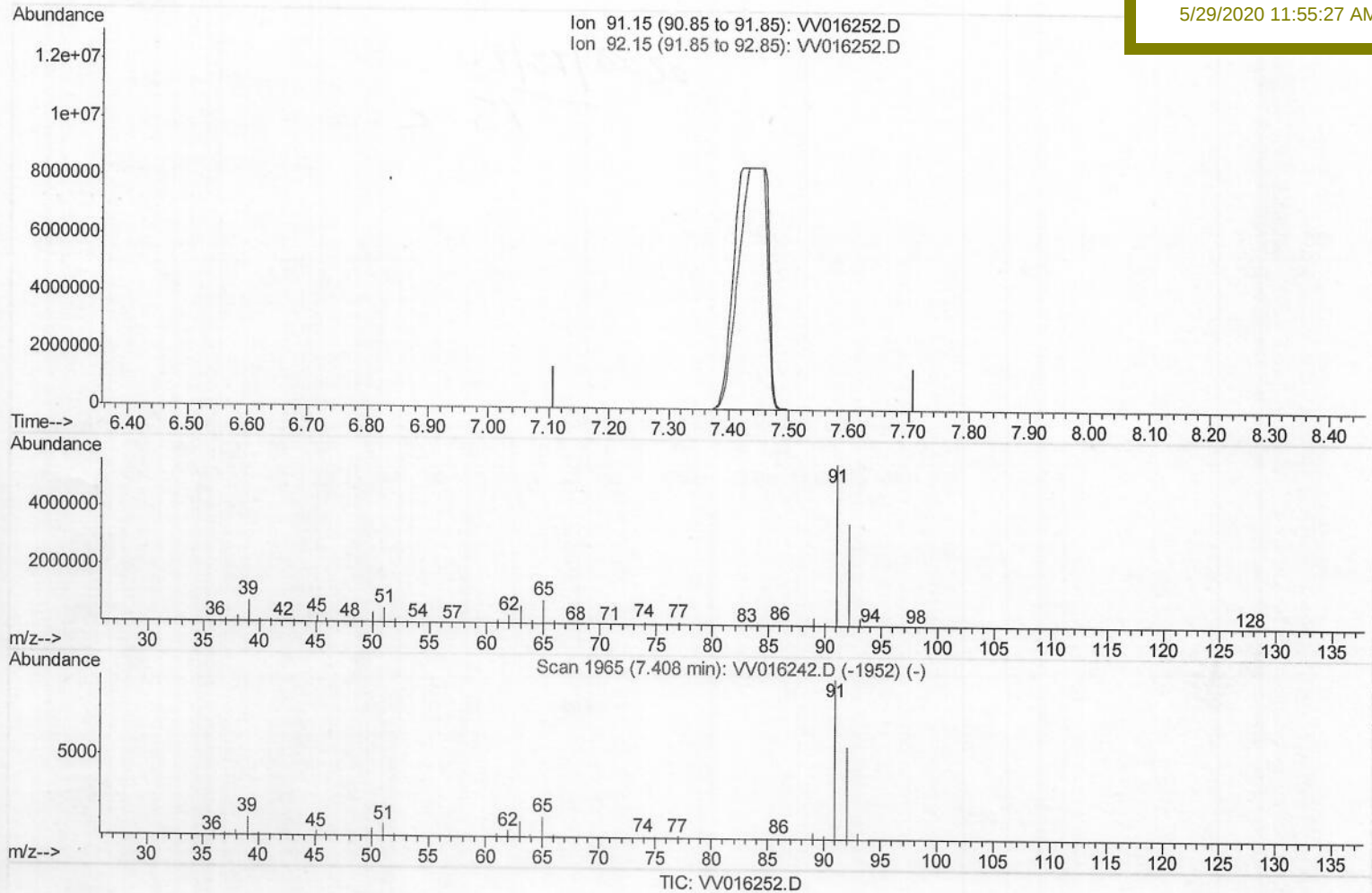
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Manual Integrations

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5/29/2020 11:55:27 AM



(42) Toluene (T)

7.408min (-7.408) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
92.15	58.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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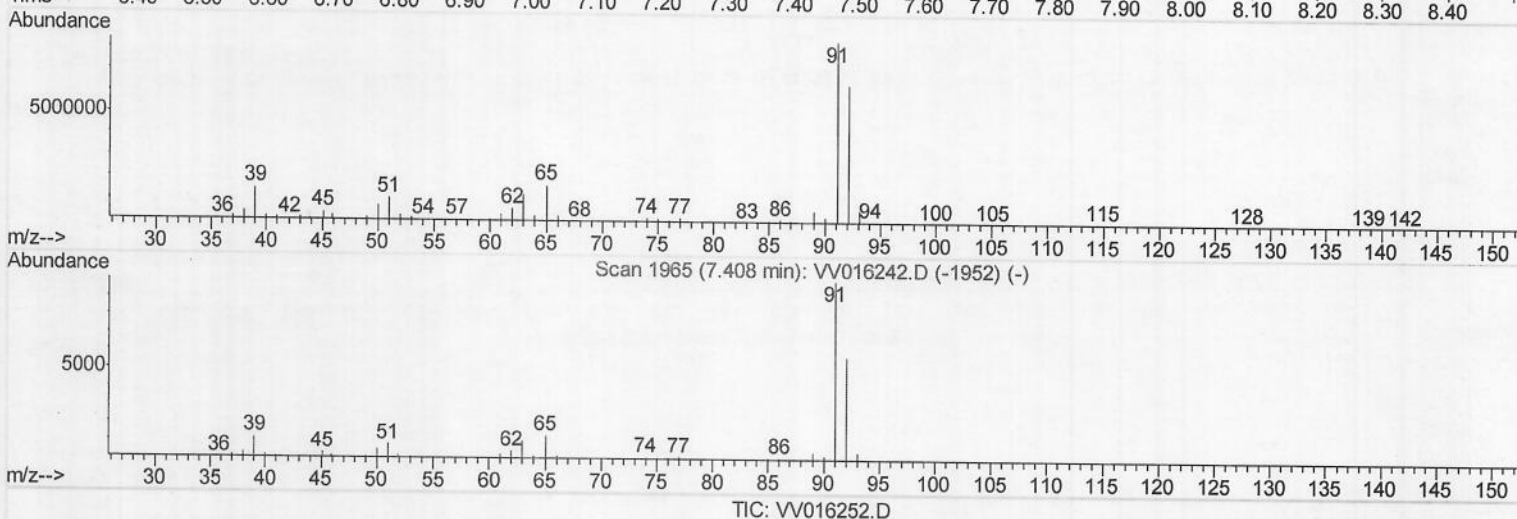
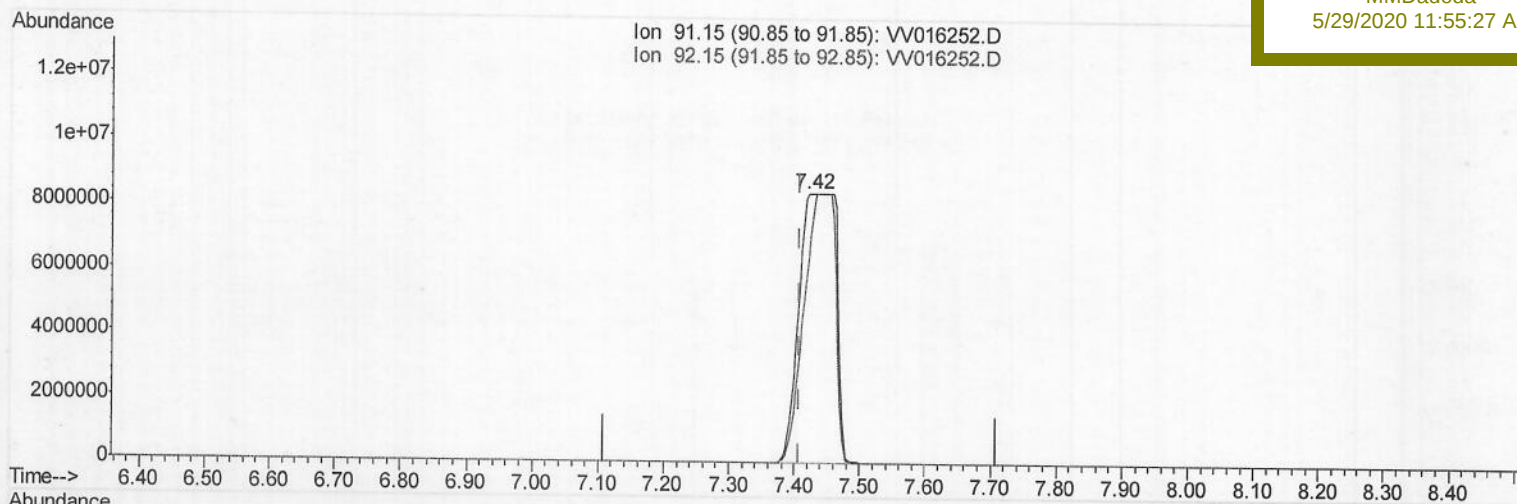
ClientSampleId :

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5/29/2020 11:55:27 AM



(42) Toluene (T)

7.421min (+0.013) 1084.99ug/L m MD 05/29/20

response 32950971

Ion	Exp%	Act%
91.15	100	100
92.15	58.50	76.26#
0.00	0.00	0.00
0.00	0.00	0.00

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Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

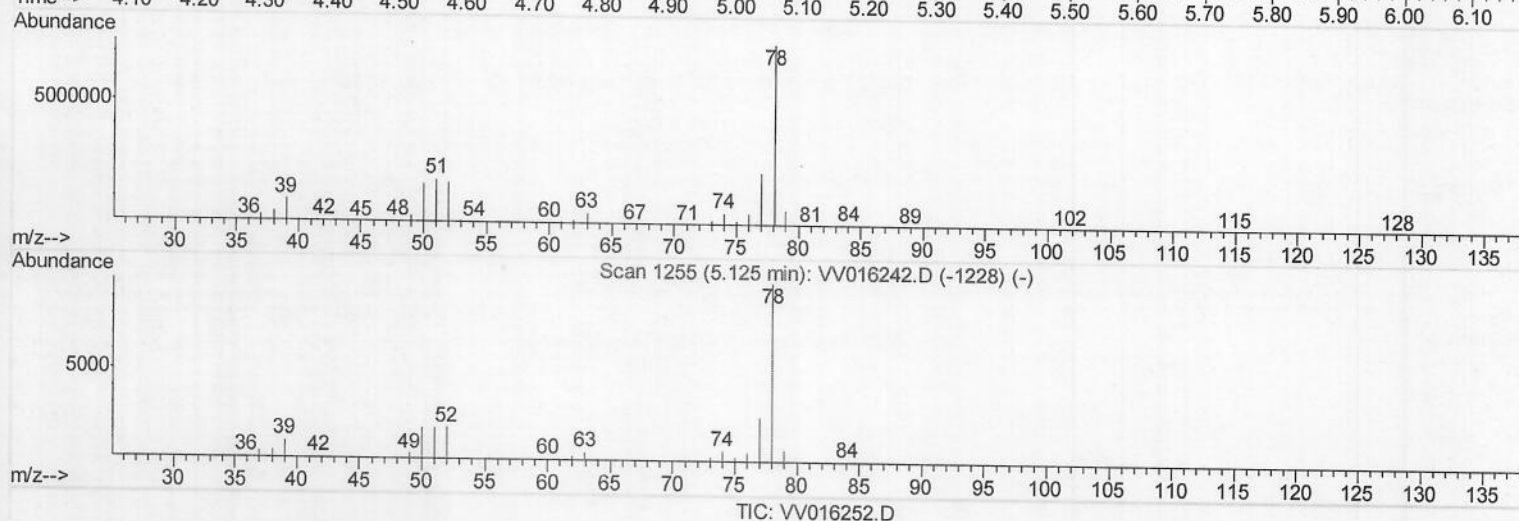
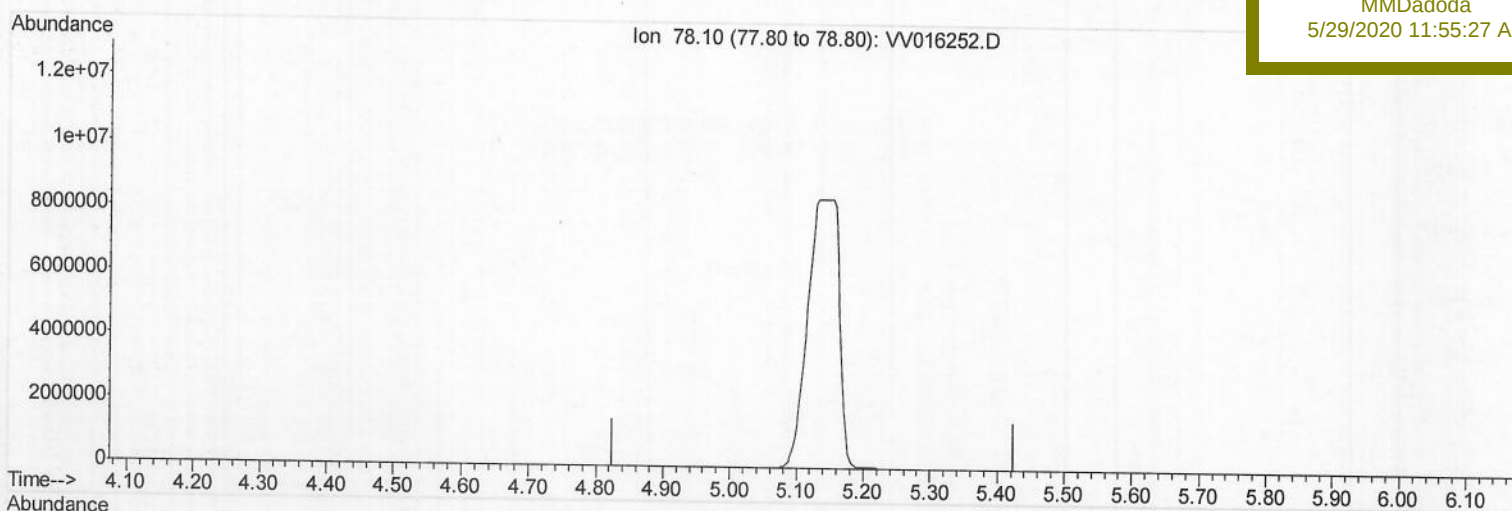
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Manual Integrations

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5/29/2020 11:55:27 AM



(33) Benzene (T)

5.125min (-5.125) 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

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Operator : SY/MD

Sample : L2766-09

Misc : 25.0mL/MSVOA V/WATER

ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 28 06:36:05 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu May 28 06:30:54 2020

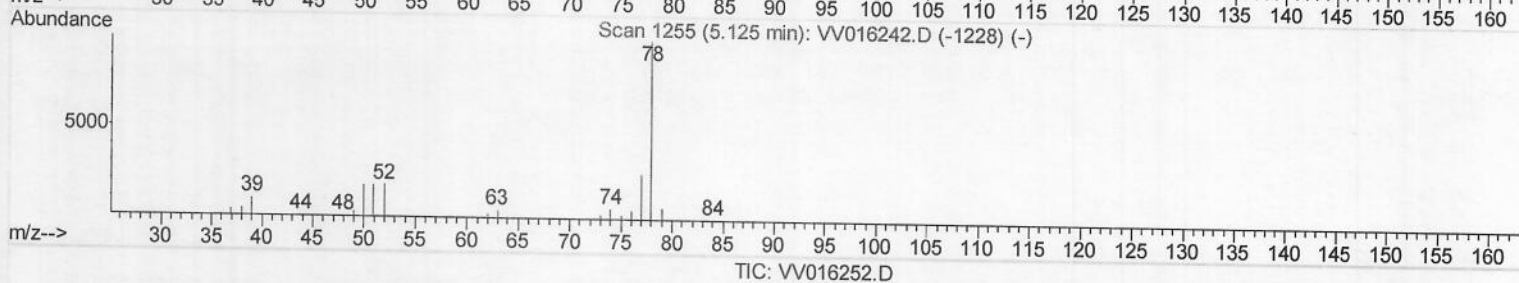
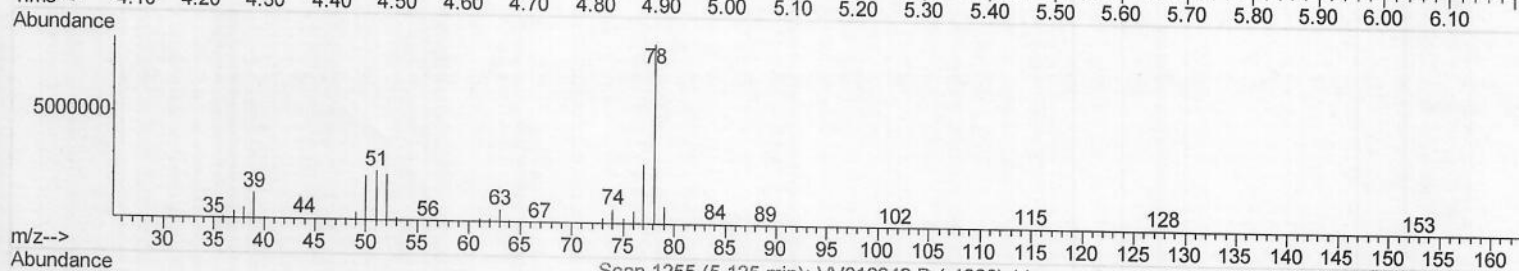
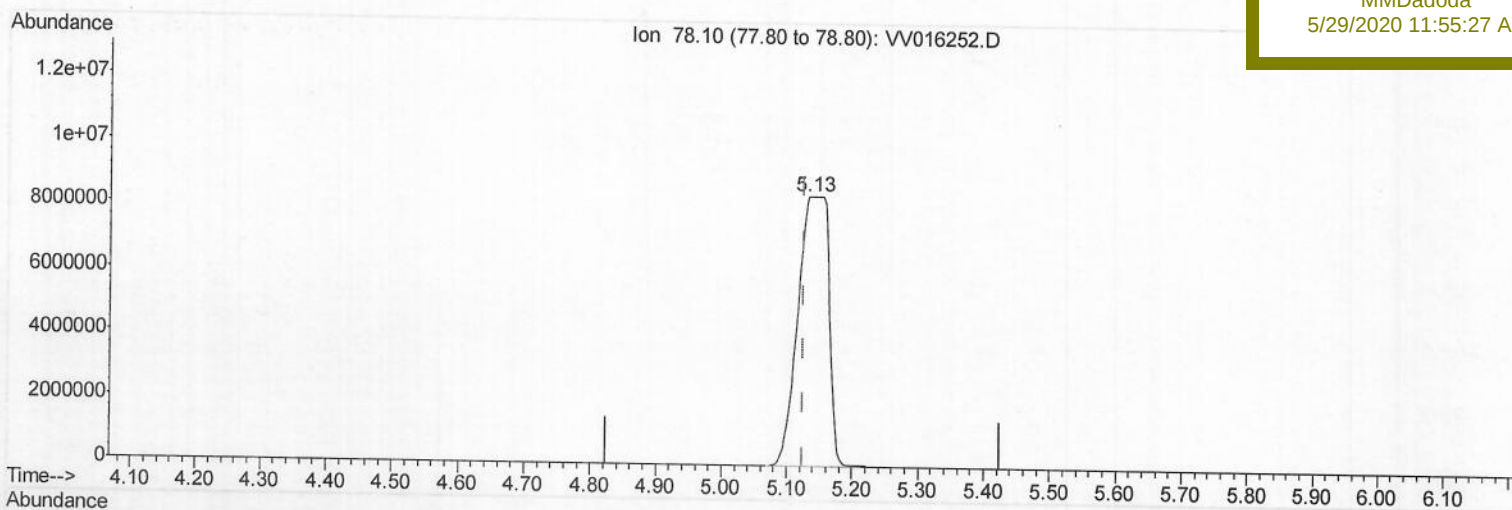
Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

BE4Z2

Manual Integrations
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5/29/2020 11:55:27 AM

(33) Benzene (T)

5.132min (+0.007) 986.58ug/L m > MD 05/29/20

response 27474169

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

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Acq On : 28 May 2020 01:23

Operator : SY/MD

Sample : L2766-09

Misc : 25.0mL/MSVOA_V/WATER

ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 29 11:54:13 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu May 28 06:30:54 2020

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5/29/2020 11:55:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99419	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96773	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	50599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26215	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	25236	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	39283	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.98	46	67081	42.35	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.70%
24) Chloroform-d	4.38	84	55345	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.07	65	32147	4.78	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.08	84	113664	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	33564	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.35	98	105976	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	12199	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.12	63	61829	48.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27773	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	40777	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	232207	26.670	ug/L	99
8) Chloroethane	1.59	64	258297	53.097	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9000	1.467	ug/L	99
12) 1,1-Dichloroethene	2.13	96	4321	0.737	ug/L #	1
13) Acetone	2.25	43	62165	63.407	ug/L	72
19) 1,1-Dichloroethane	3.21	63	159748	13.105	ug/L	99
21) 2-Butanone	4.06	43	34813	19.961	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	1904153	250.888	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	11816	1.029	ug/L	96
30) Cyclohexane	4.69	56	67403	5.476	ug/L	98
33) Benzene	5.13	78	27474169m	986.576	ug/L	98
35) Methylcyclohexane	6.15	83	67227	5.494	ug/L	95
40) 4-Methyl-2-pentanone	7.29	43	83577	19.668	ug/L	97
42) Toluene	7.42	91	32950971m	1084.993	ug/L	97
53) Chlorobenzene	8.90	112	2097352	111.764	ug/L	99
54) Ethylbenzene	9.04	91	9235923	272.833	ug/L	95
55) m,p-xylene	9.17	106	6965916	548.772	ug/L	85

>MD 05/29/20

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Quantitation Report (QT/LSC Reviewed)

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5/29/2020 11:55:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) o-xylene	9.57	106	1917405	158.508	ug/L	95
58) Isopropylbenzene	9.96	105	1774076	53.540	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	21194	1.373	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	178265	11.361	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	210456	15.078	ug/L	99

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