

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032019\
Quantitation Report (QT Reviewed)

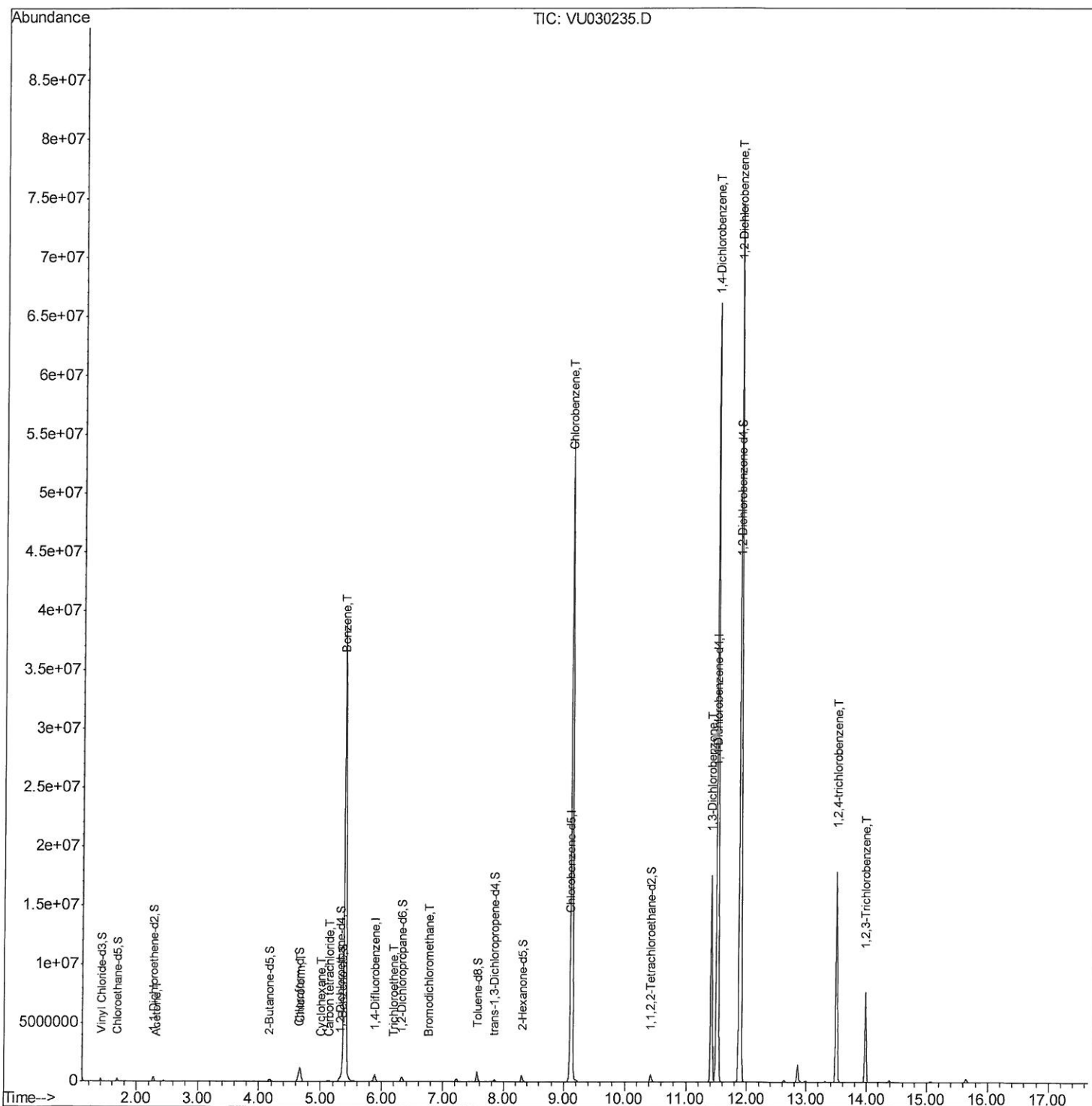
Data File : VU030235.D
Acq On : 20 Mar 2019 20:09
Operator : JC/SP
Sample : K1967-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0966

Manual Integrations
APPROVED

MMDadoda
3/22/2019 12:13:54 PM

Quant Time: Mar 22 02:17:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
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Quantitation Report (Qedit)

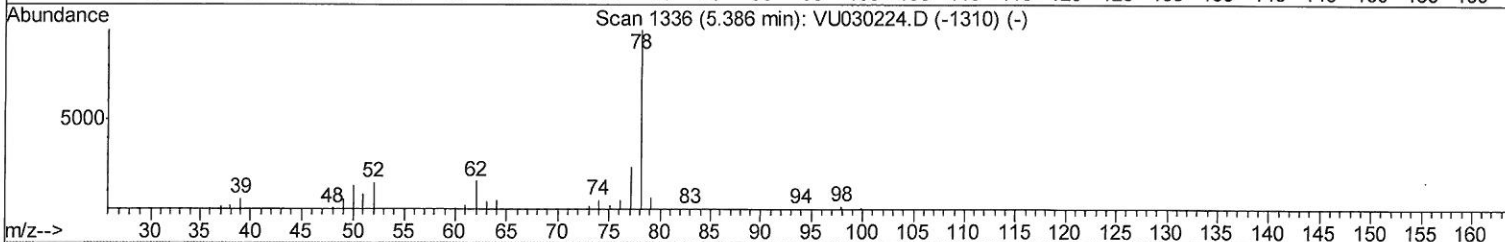
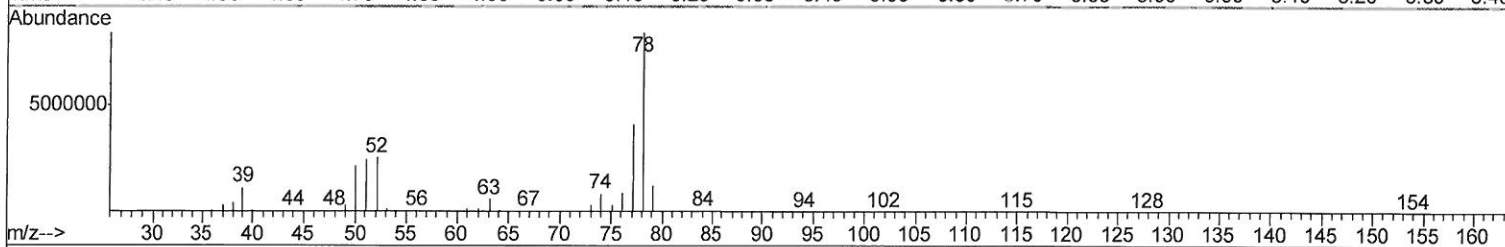
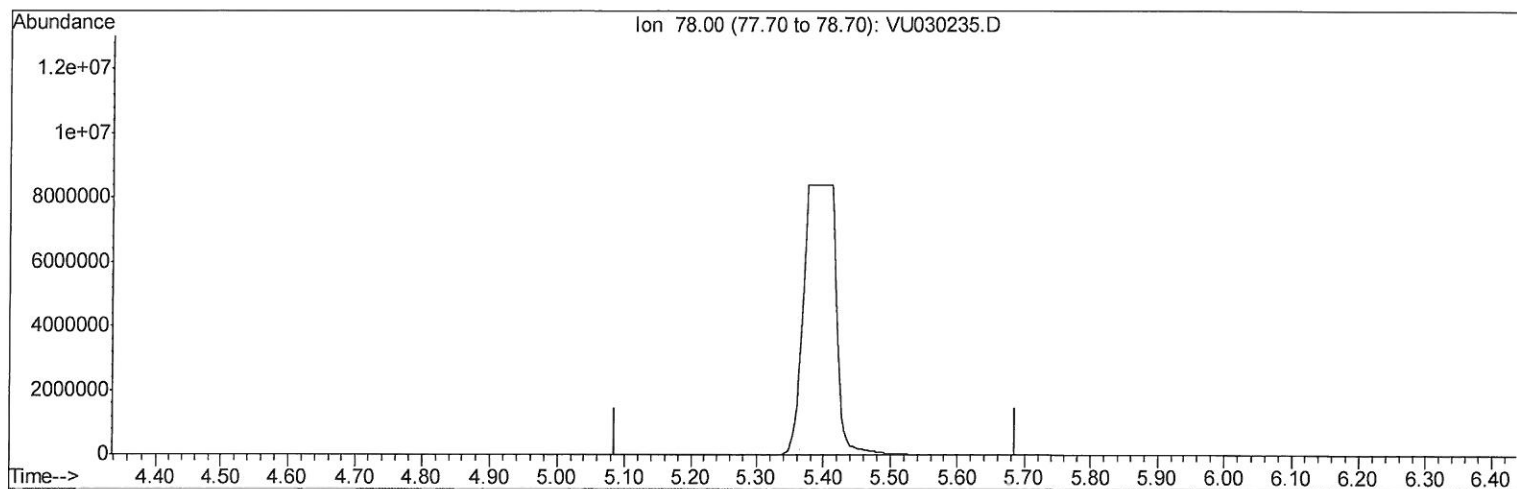
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TIC: VU030235.D

(33) Benzene (T)

5.386min (-5.386) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	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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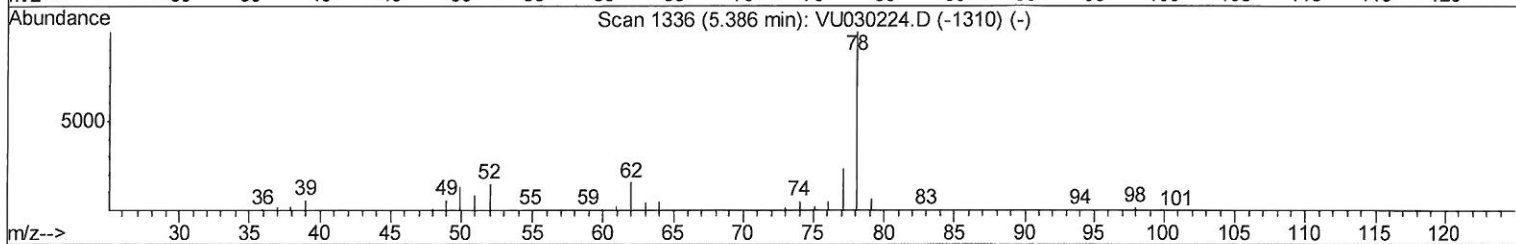
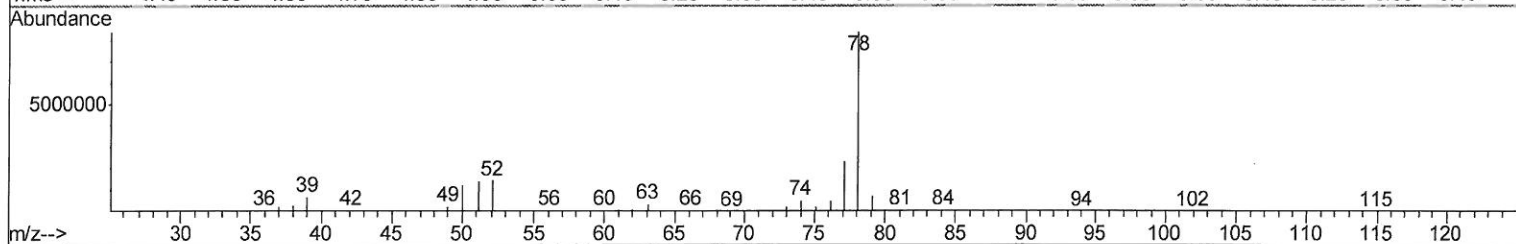
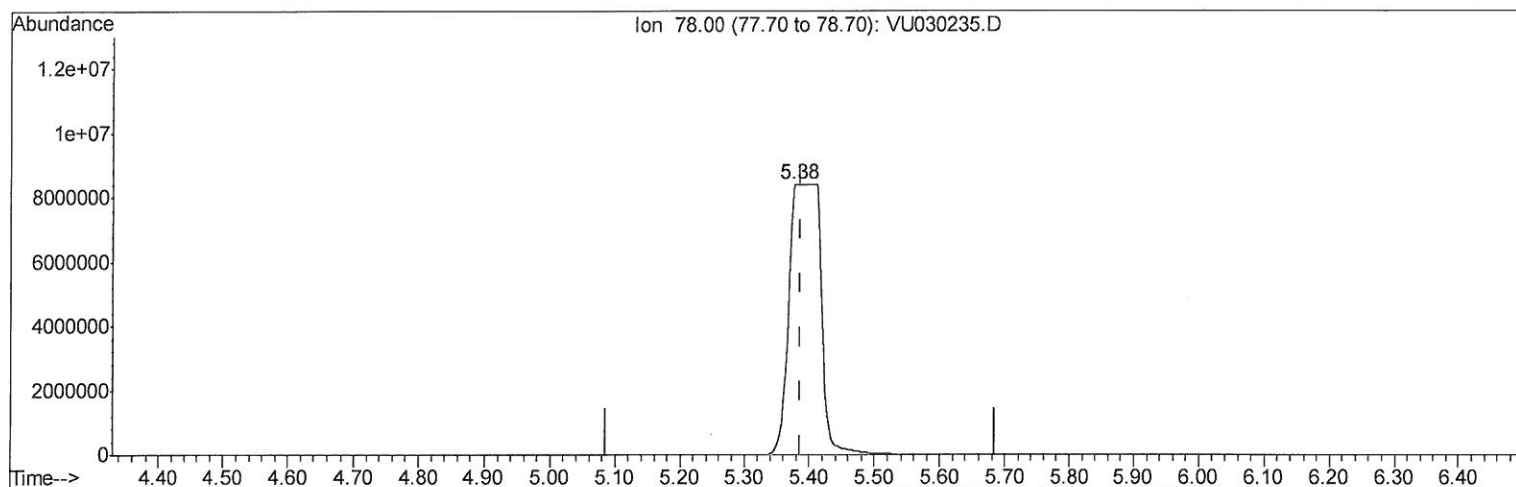
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TIC: VU030235.D

(33) Benzene (T)

5.376min (-0.010) 1778.17ug/L m

response 28180480

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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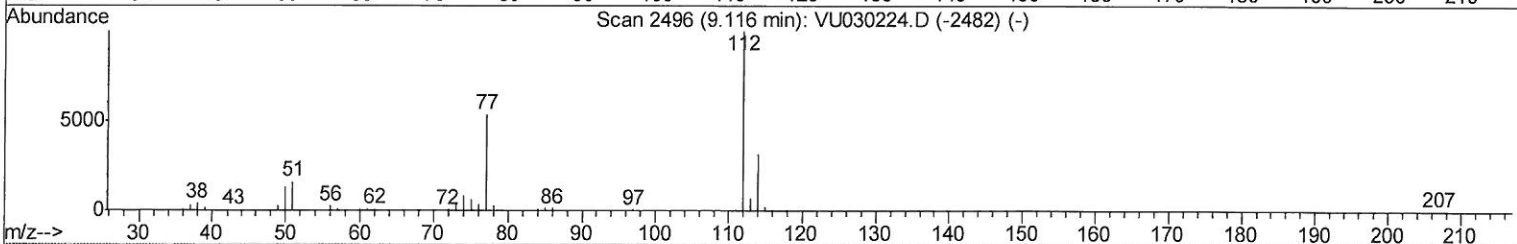
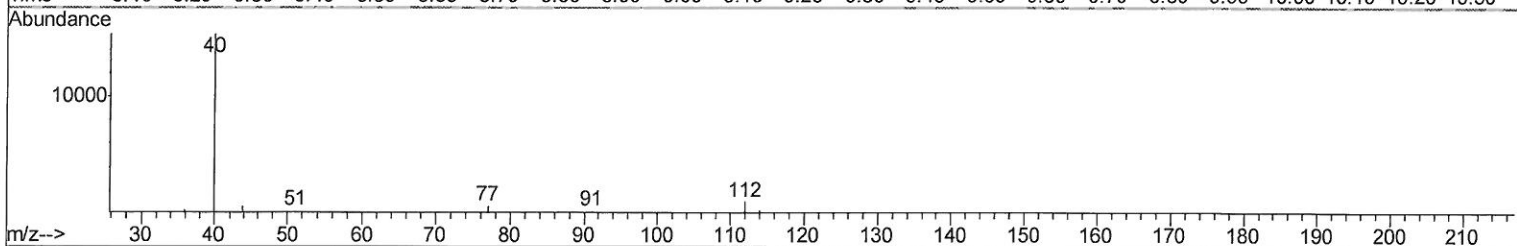
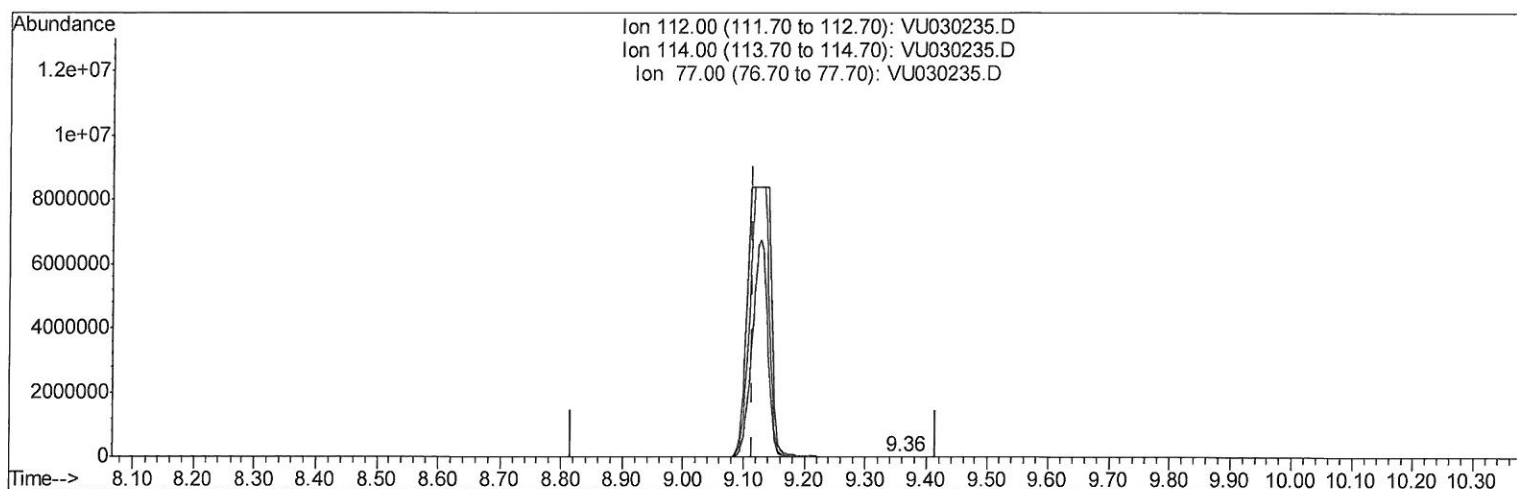
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TIC: VU030235.D

(51) Chlorobenzene (T)
9.357min (+0.241) 0.01ug/L
response 159

Ion	Exp%	Act%
112.00	100	100
114.00	32.10	26.04
77.00	54.20	63.96
0.00	0.00	0.00

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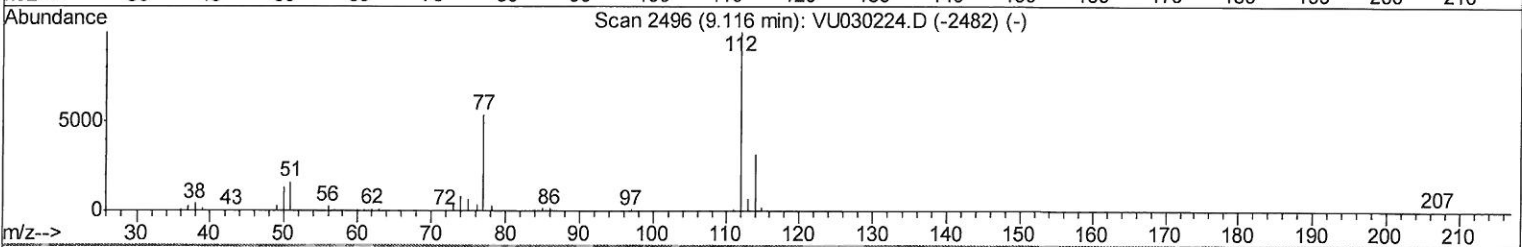
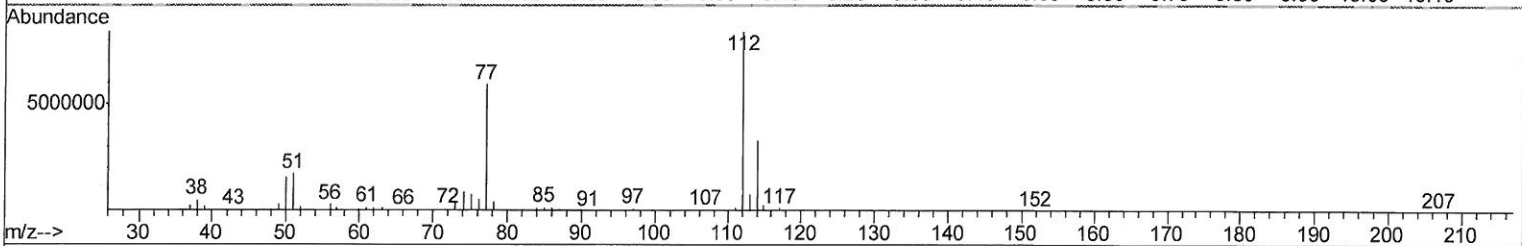
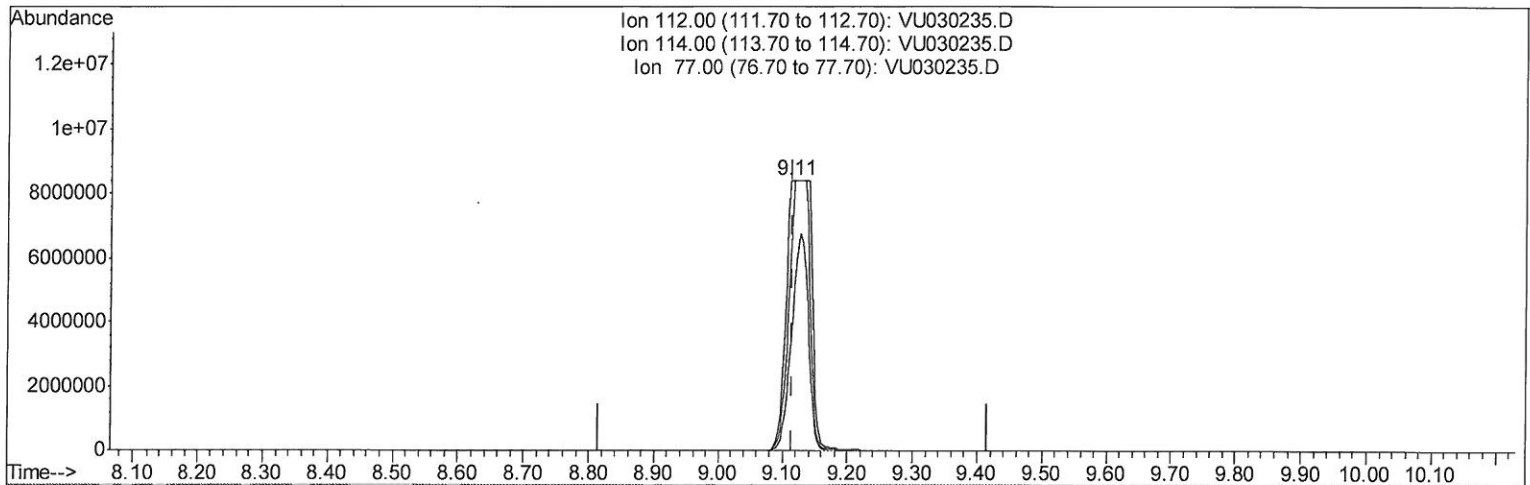
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TIC: VU030235.D

(51) Chlorobenzene (T)

9.112min (-0.004) 1976.91ug/L m

response 22561021

Ion	Exp%	Act%
112.00	100	100
114.00	32.10	39.03
77.00	54.20	70.27#
0.00	0.00	0.00

7 mg
3/27/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032019\
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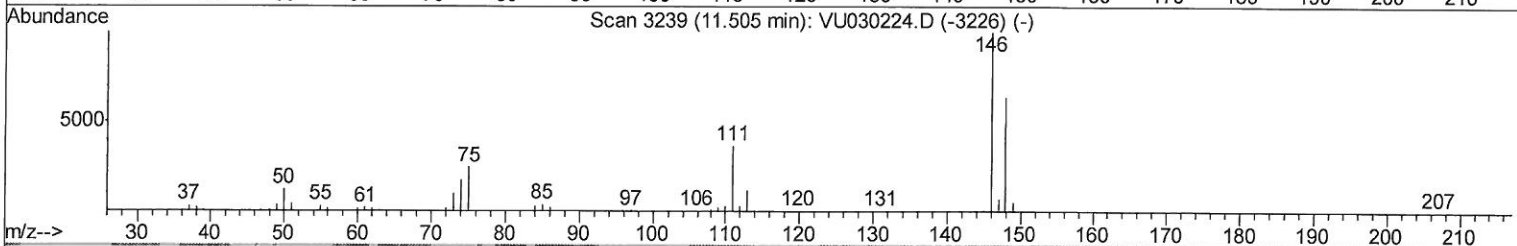
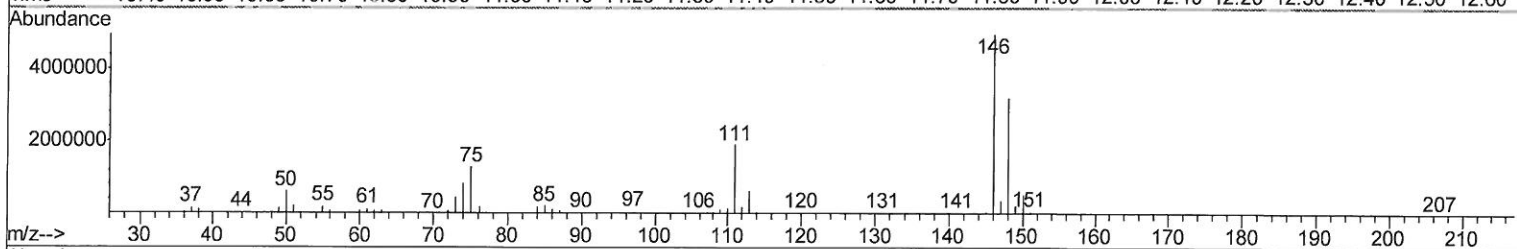
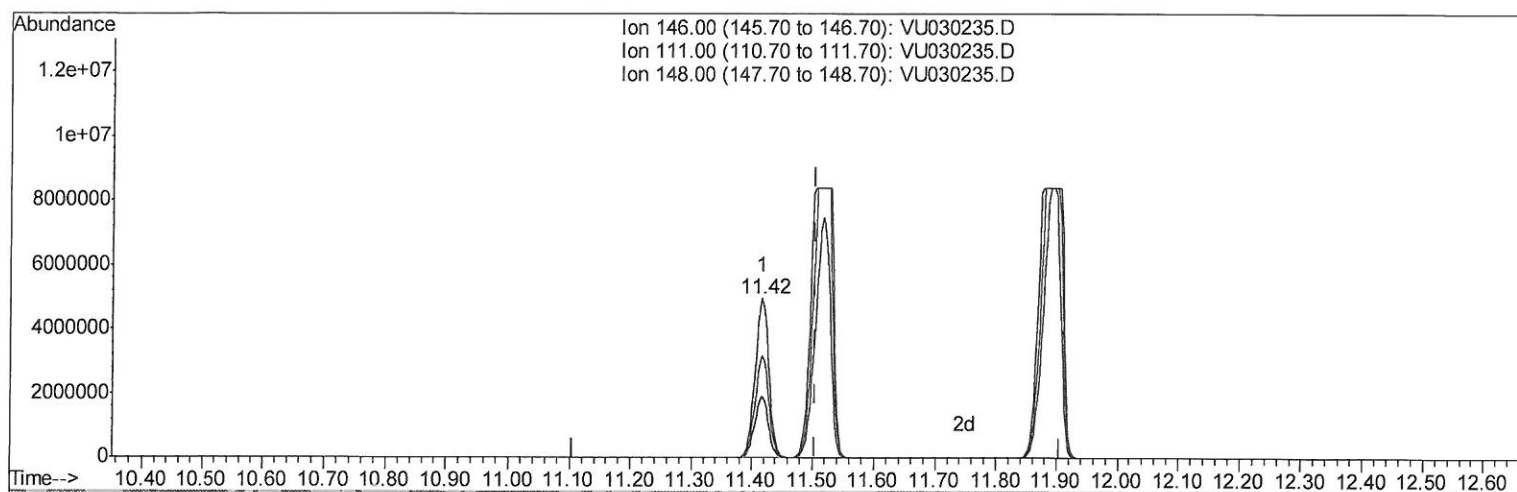
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Instrument :
MSVOA_U
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Manual Integrations
APPROVED

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TIC: VU030235.D

(63) 1,4-Dichlorobenzene (T)

11.418min (-0.087) 757.20ug/L

response 7713046

Ion	Exp%	Act%
146.00	100	100
111.00	36.10	38.36
148.00	63.80	64.21
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032019\
Quantitation Report (Qedit)

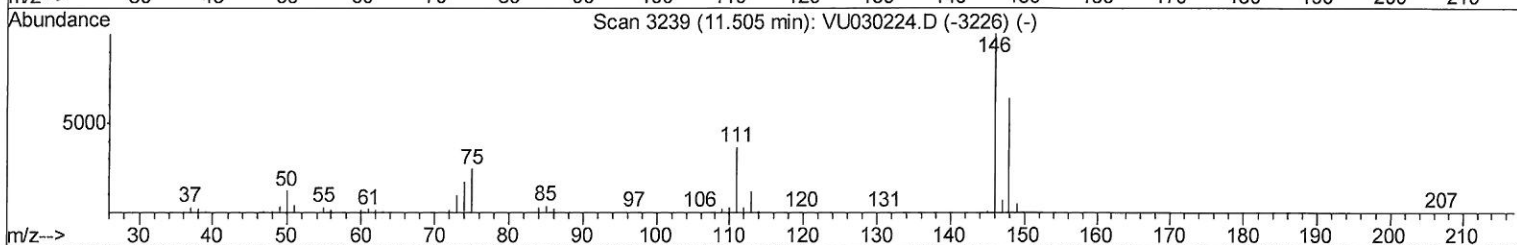
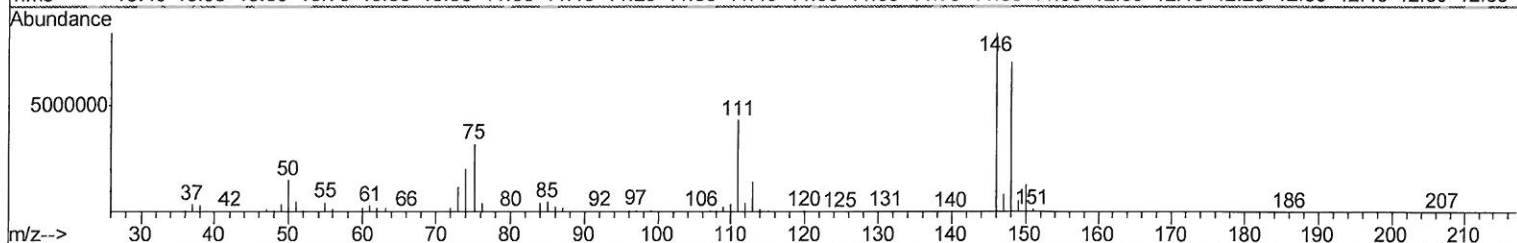
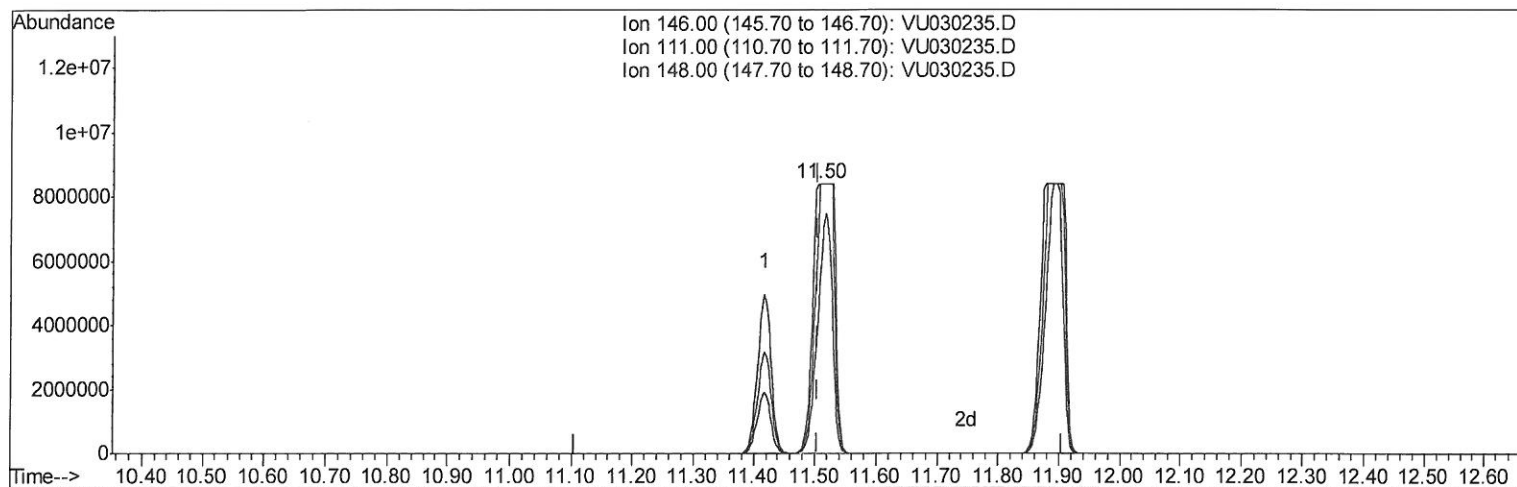
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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TIC: VU030235.D

(63) 1,4-Dichlorobenzene (T)

11.504min (-0.000) 2085.39ug/L m

response 21242493

Ion	Exp%	Act%
146.00	100	100
111.00	36.10	51.30#
148.00	63.80	83.49#
0.00	0.00	0.00

7mL
3/27/19

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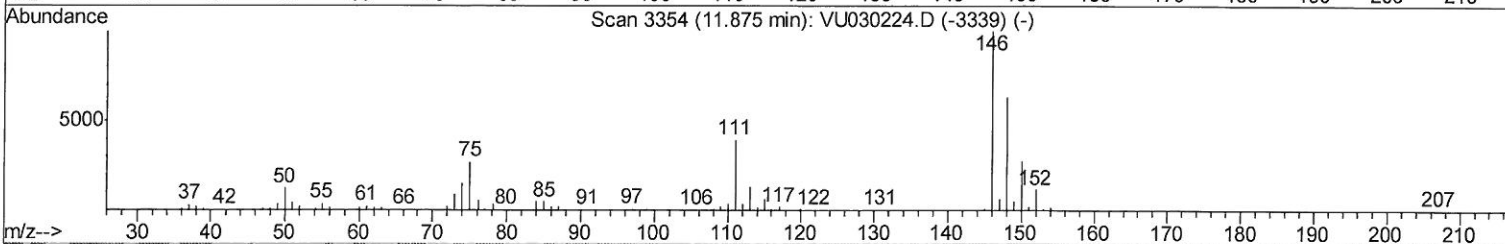
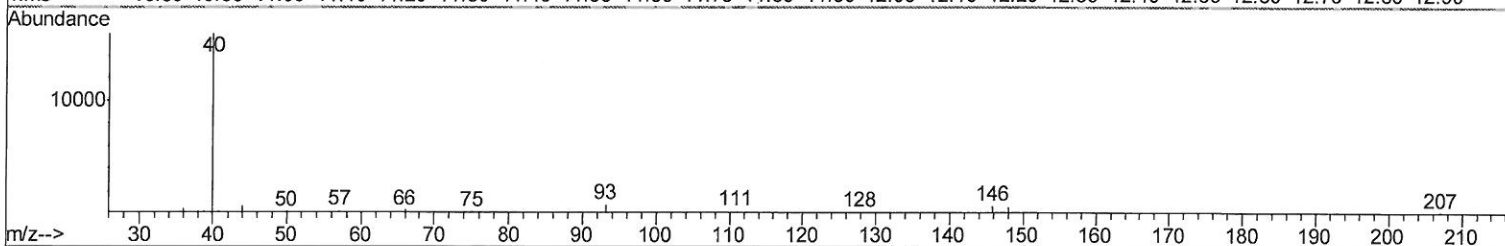
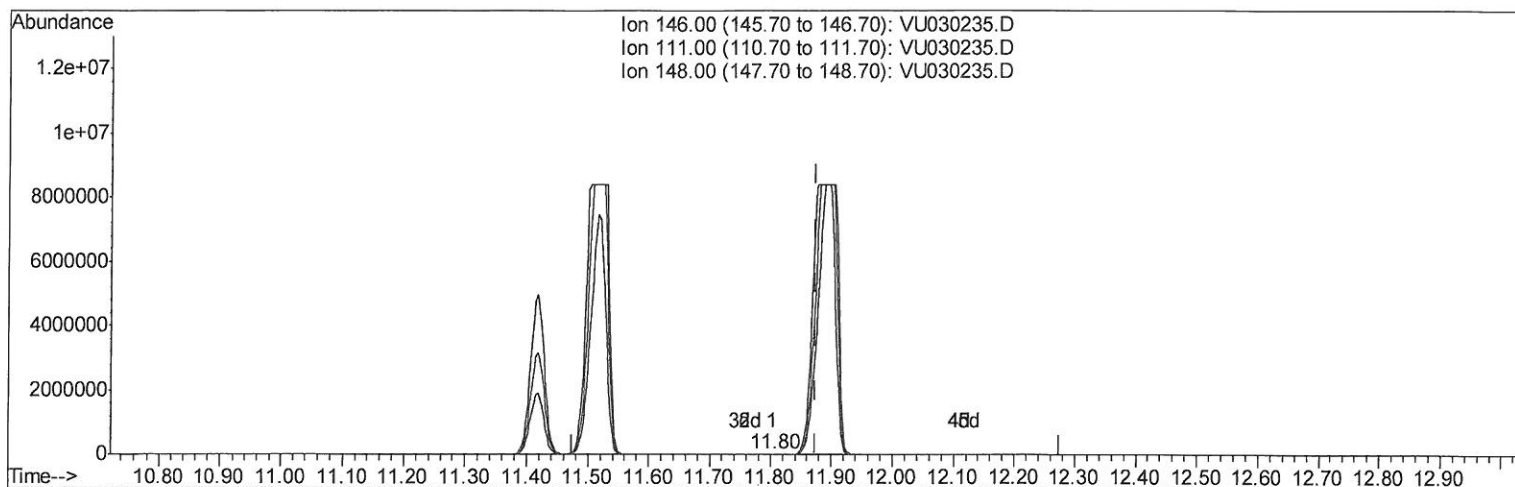
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TIC: VU030235.D

(65) 1,2-Dichlorobenzene (T)

11.803min (-0.071) 0.00ug/L

response 40

Ion	Exp%	Act%
146.00	100	100
111.00	39.60	37.81
148.00	65.00	80.73#
0.00	0.00	0.00

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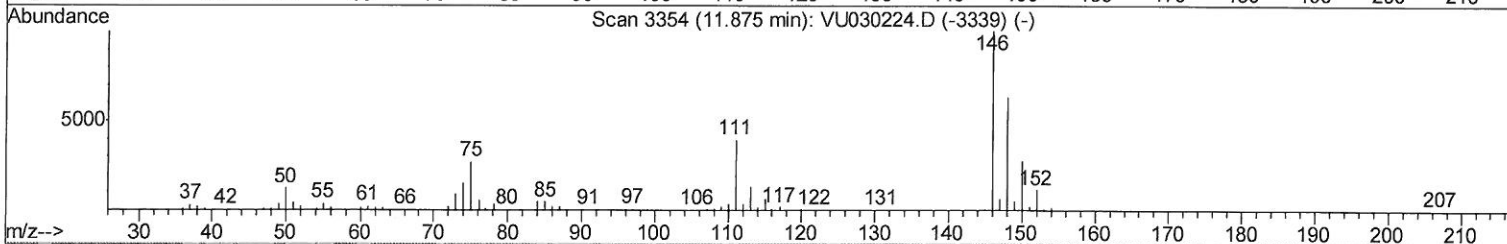
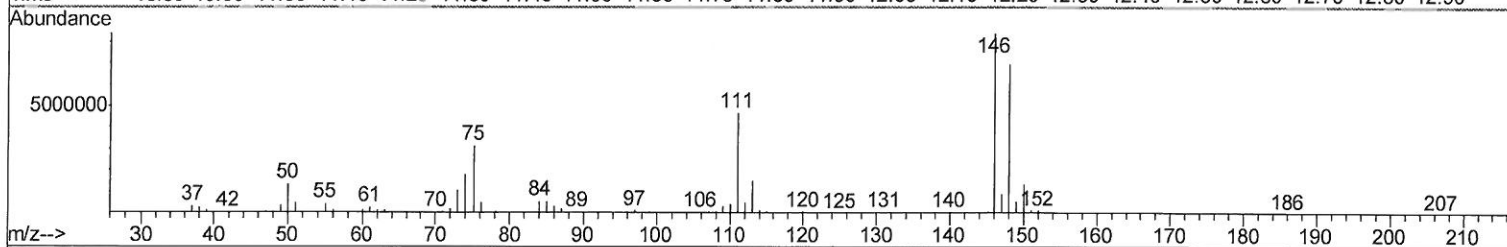
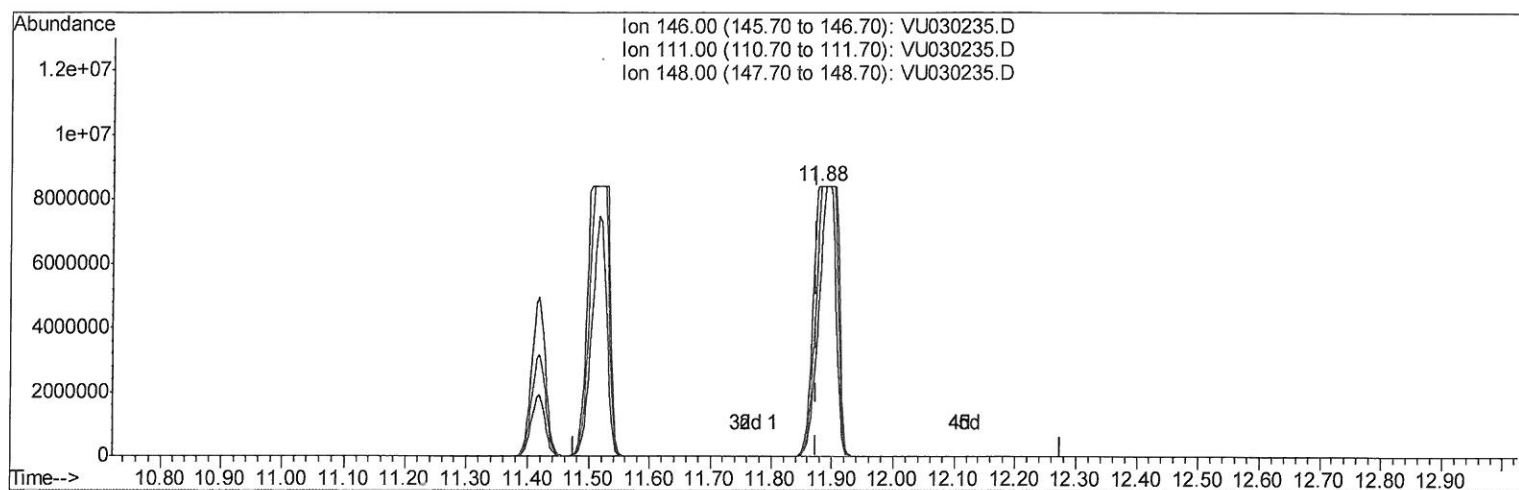
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Instrument :
MSVOA_U
ClientSampled :
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Manual Integrations
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TIC: VU030235.D

(65) 1,2-Dichlorobenzene (T)

11.877min (+0.003) 2363.78ug/L m

response 23716591

Ion	Exp%	Act%
146.00	100	100
111.00	39.60	55.64#
148.00	65.00	82.92#
0.00	0.00	0.00

7 MD
3/27/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	552827	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	549300	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	307802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155928	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.42%
7) Chloroethane-d5	1.68	69	132392	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.27	63	219939	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.50%
21) 2-Butanone-d5	4.17	46	261620	94.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	4.65	84	350492	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
26) 1,2-Dichloroethane-d4	5.31	65	182510	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
32) Benzene-d6	5.34	84	666481	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.33	67	209252	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.44%
41) Toluene-d8	7.56	98	594507	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%
43) trans-1,3-Dichloropropene-	7.85	79	96008	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.31	63	218955	94.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	316430	46.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.12%
64) 1,2-Dichlorobenzene-d4	11.87	152	291437	47.16	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

						Qvalue
13) Acetone	2.32	43	15648	5.400	ug/L	100
25) Chloroform	4.67	83	1088596	156.296	ug/L	98
29) Cyclohexane	4.99	56	3755	0.629	ug/L #	89
31) Carbon tetrachloride	5.13	117	56135	10.711	ug/L	99
33) Benzene	5.38	78	28180480m	1778.169	ug/L	
34) Trichloroethene	6.19	95	4366	1.045	ug/L	97
38) Bromodichloromethane	6.76	83	8330	1.596	ug/L	93
51) Chlorobenzene	9.11	112	22561021m	1976.915	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	7713046	785.417	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	21242493m	2085.394	ug/L	
65) 1,2-Dichlorobenzene	11.88	146	23716591m	2363.779	ug/L	
68) 1,2,4-trichlorobenzene	13.50	180	5867901	864.570	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	2514063	355.002	ug/L	98

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