

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

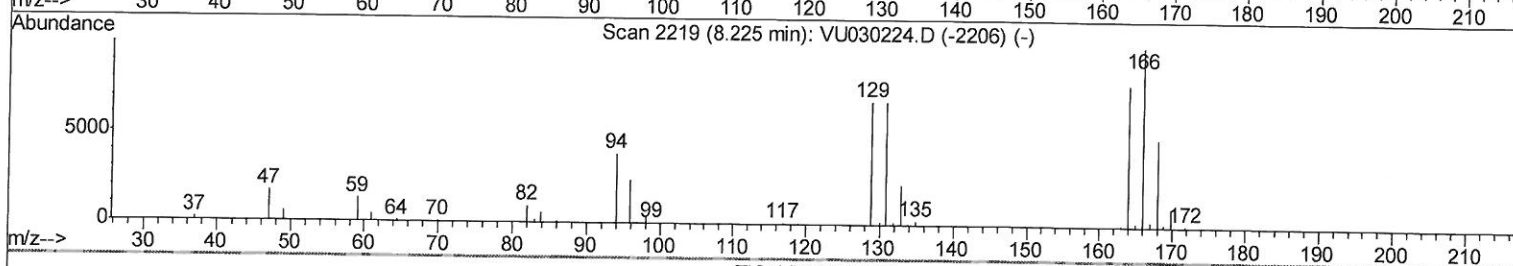
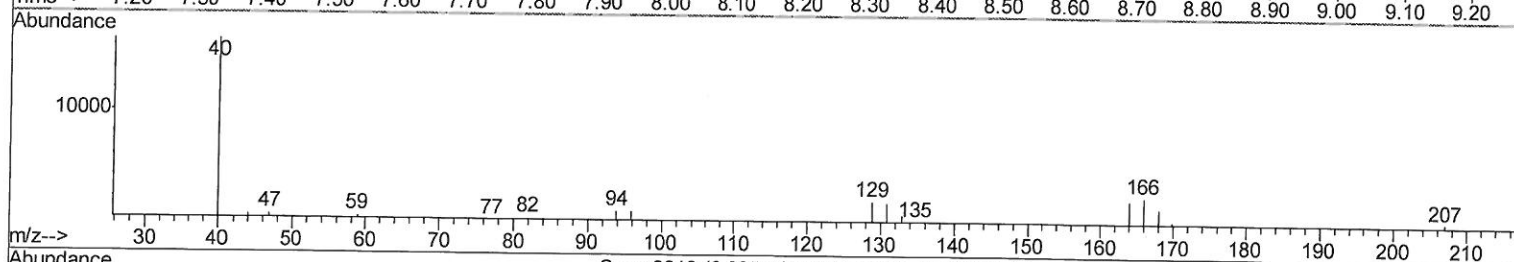
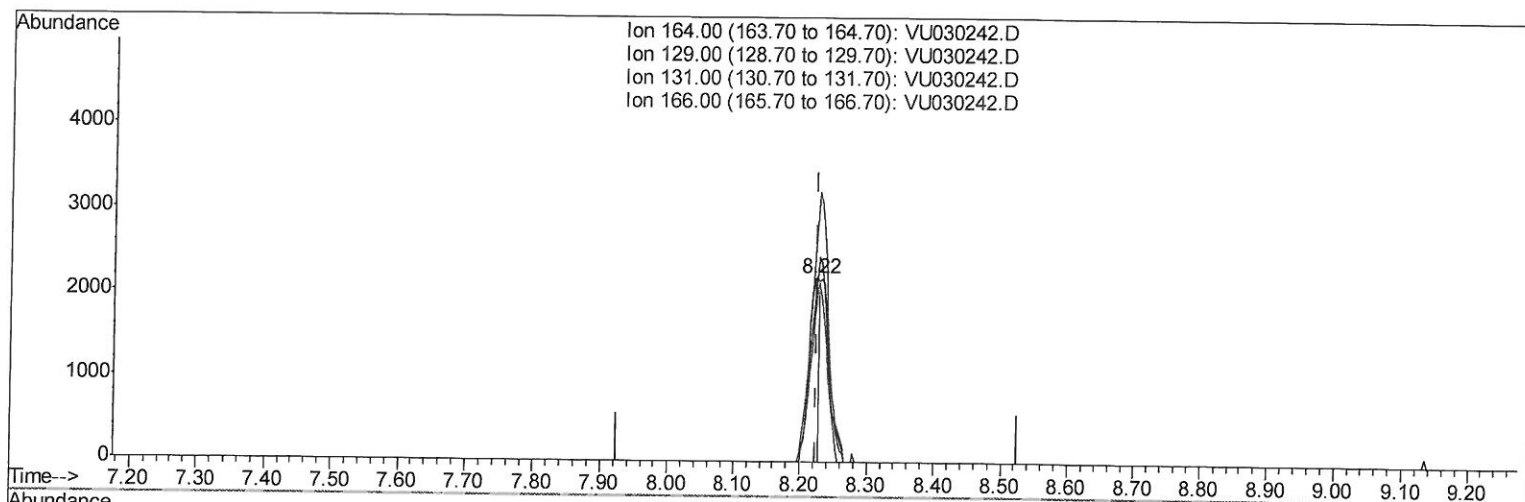
Data File : VU030242.D
Acq On : 20 Mar 2019 22:49
Operator : JC/SP
Sample : K2022-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C8

Manual Integrations
APPROVED

MMDadoda
3/22/2019 12:14:46 PM

Quant Time: Mar 22 01:34:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



TIC: VU030242.D

(46) Tetrachloroethene (T)

8.222min (-0.004) 0.69ug/L

response 2361

Ion	Exp%	Act%
164.00	100	100
129.00	92.00	88.24
131.00	90.30	80.24
166.00	127.80	114.91

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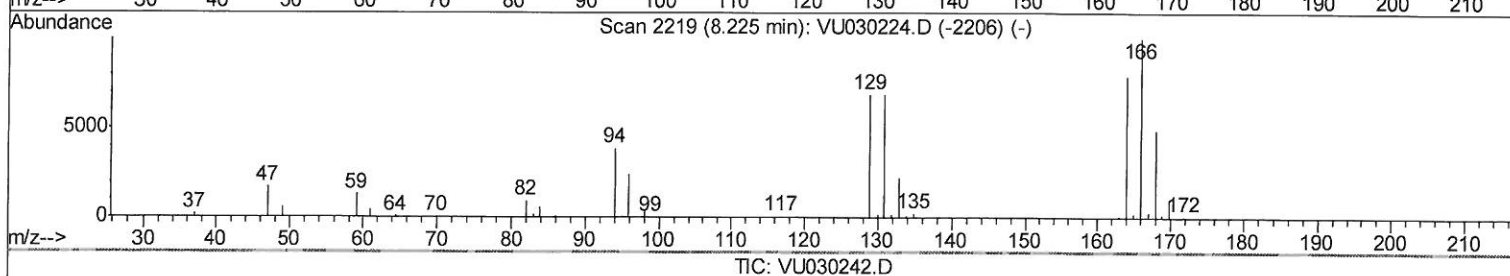
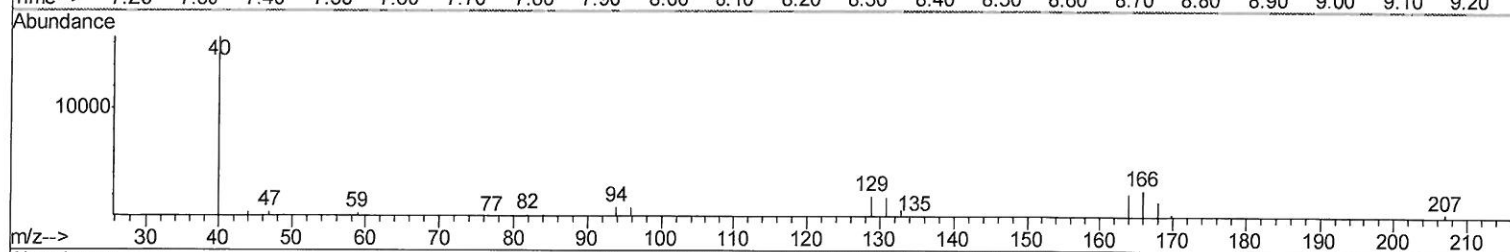
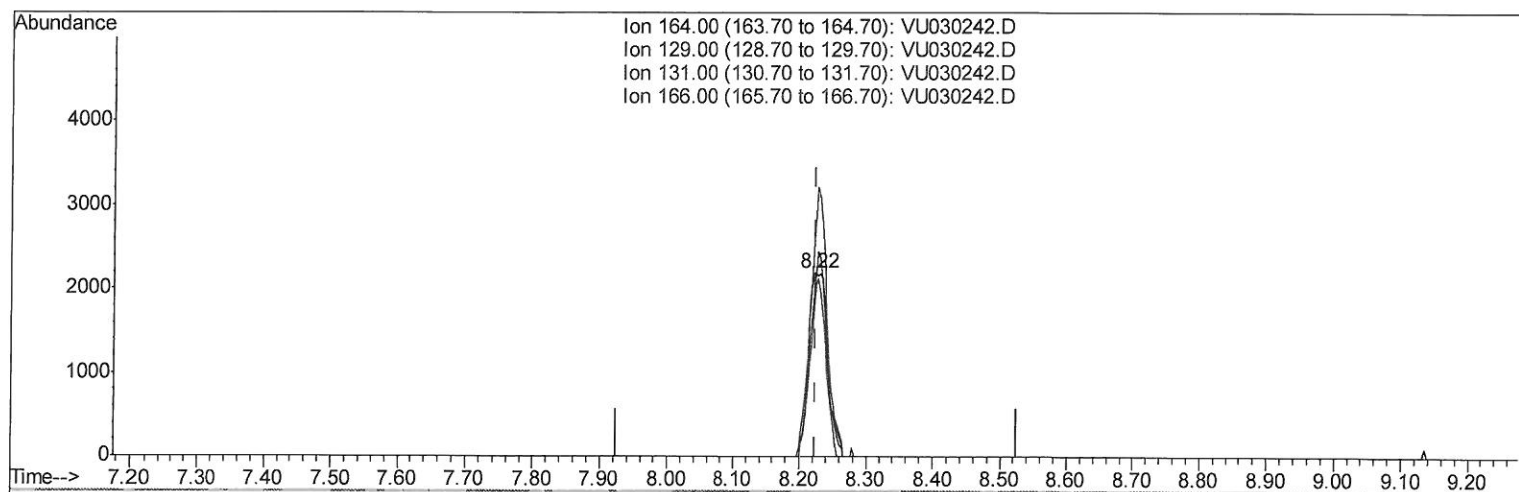
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(46) Tetrachloroethene (T)

8.222min (-0.004) 1.30ug/L m

response 4475

Ion	Exp%	Act%
164.00	100	100
129.00	92.00	88.24
131.00	90.30	80.24
166.00	127.80	114.91

7MC
3/27/19

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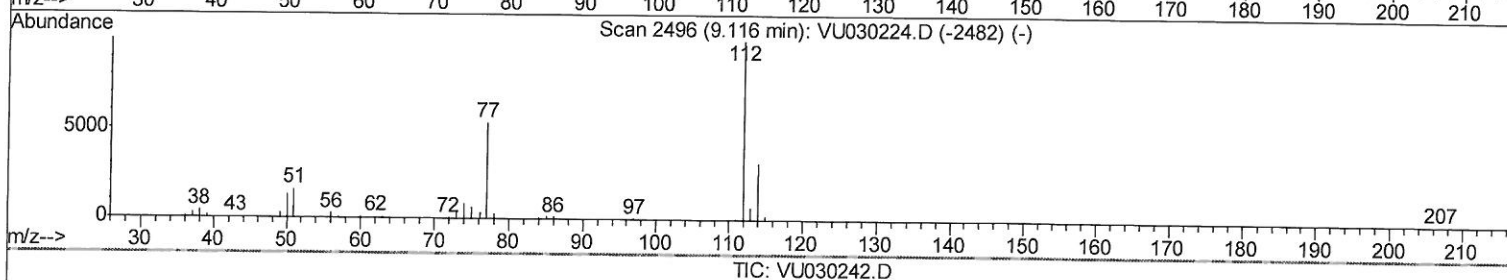
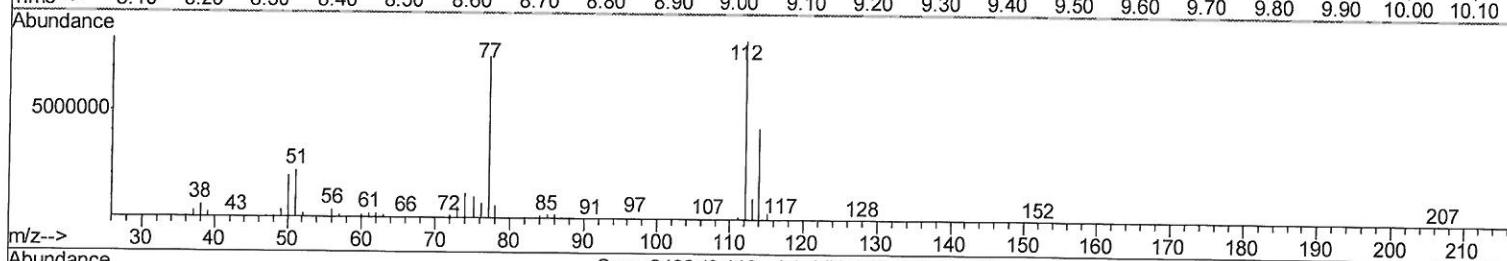
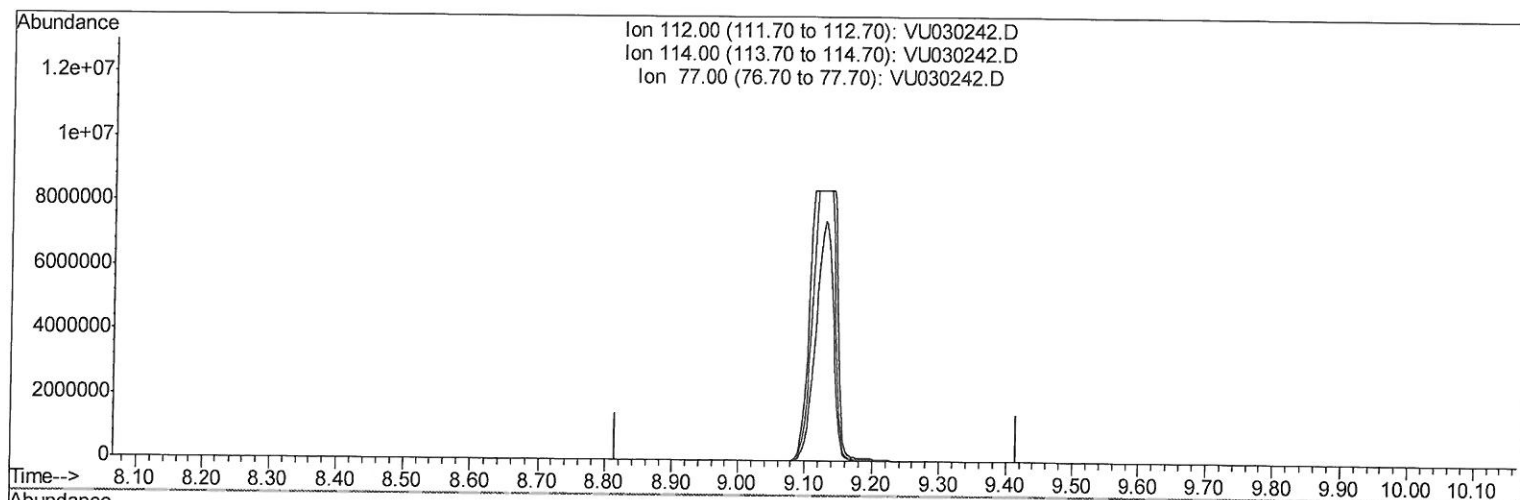
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TIC: VU030242.D

(51) Chlorobenzene (T)

9.116min (-9.116) 0.00ug/L

response 0

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

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Quantitation Report (Qedit)

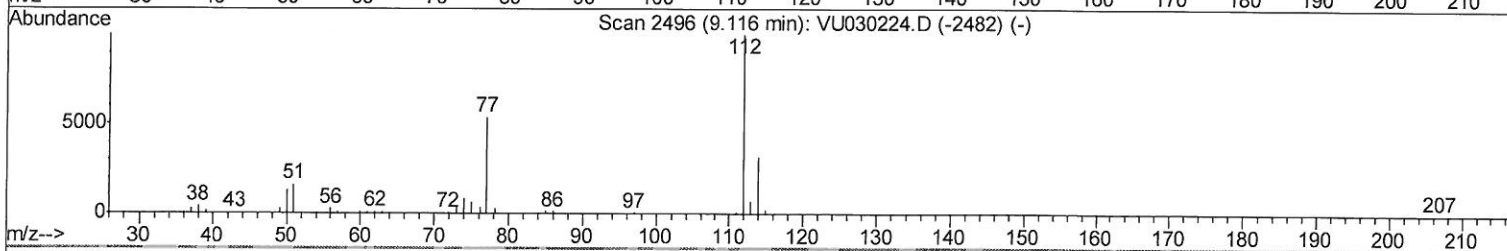
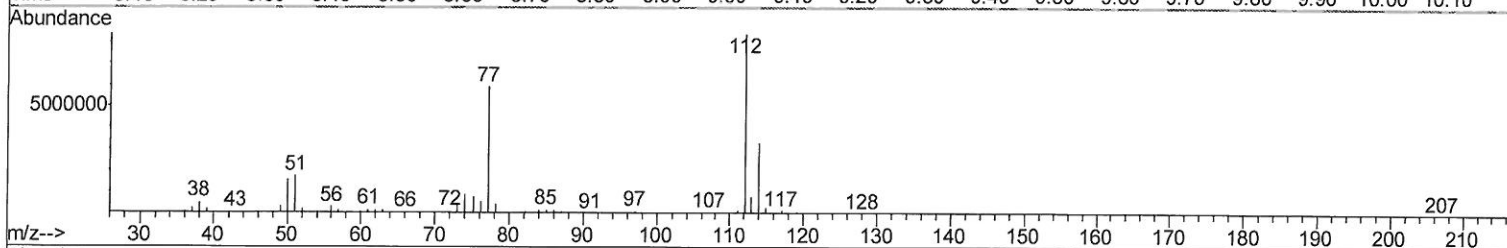
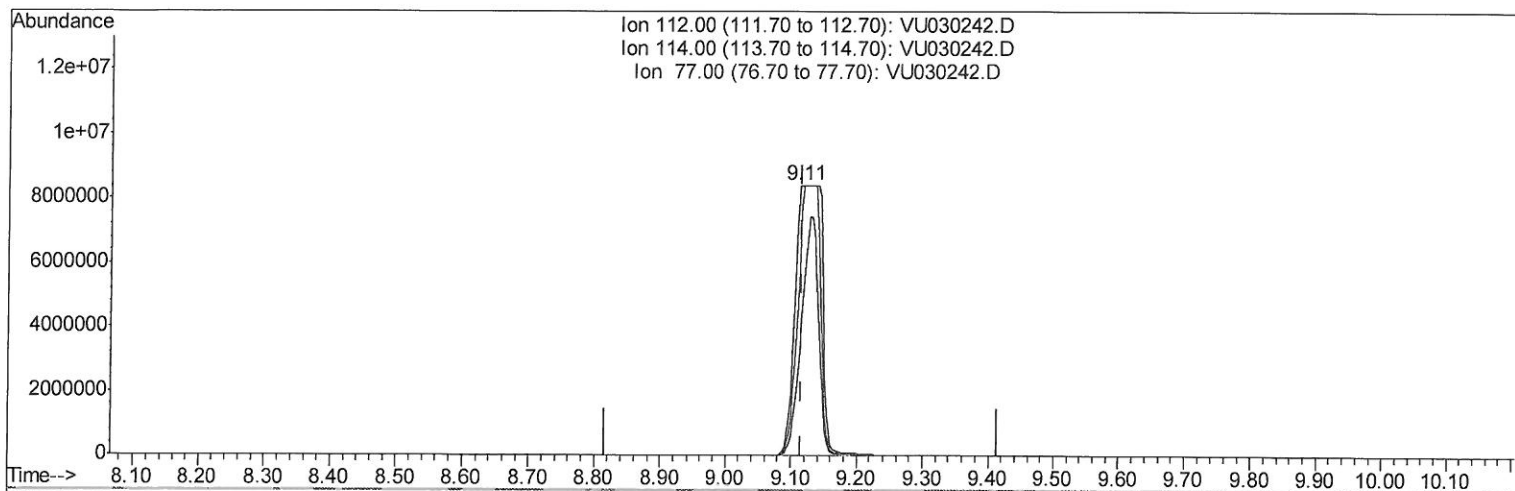
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TIC: VU030242.D

(51) Chlorobenzene (T)

9.112min (-0.004) 2117.82ug/L m

response 23572685

Ion	Exp%	Act%
112.00	100	100
114.00	32.10	38.75
77.00	54.20	70.27#
0.00	0.00	0.00

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

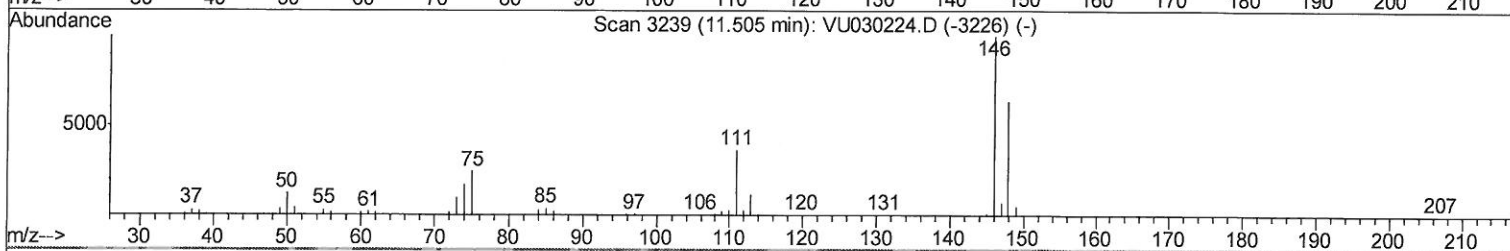
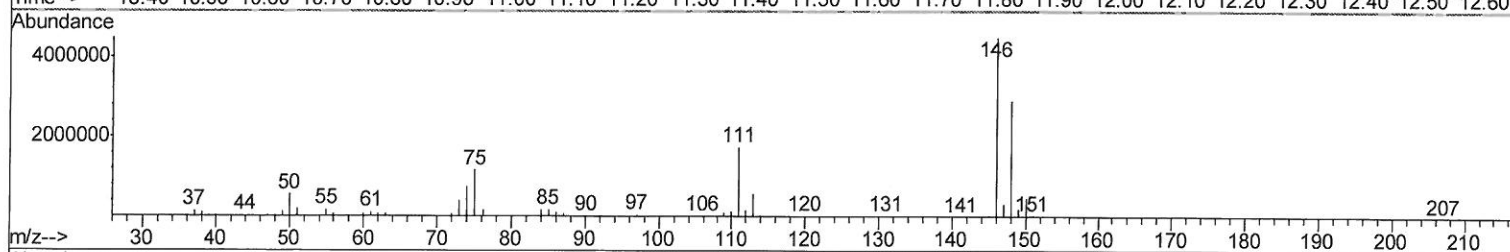
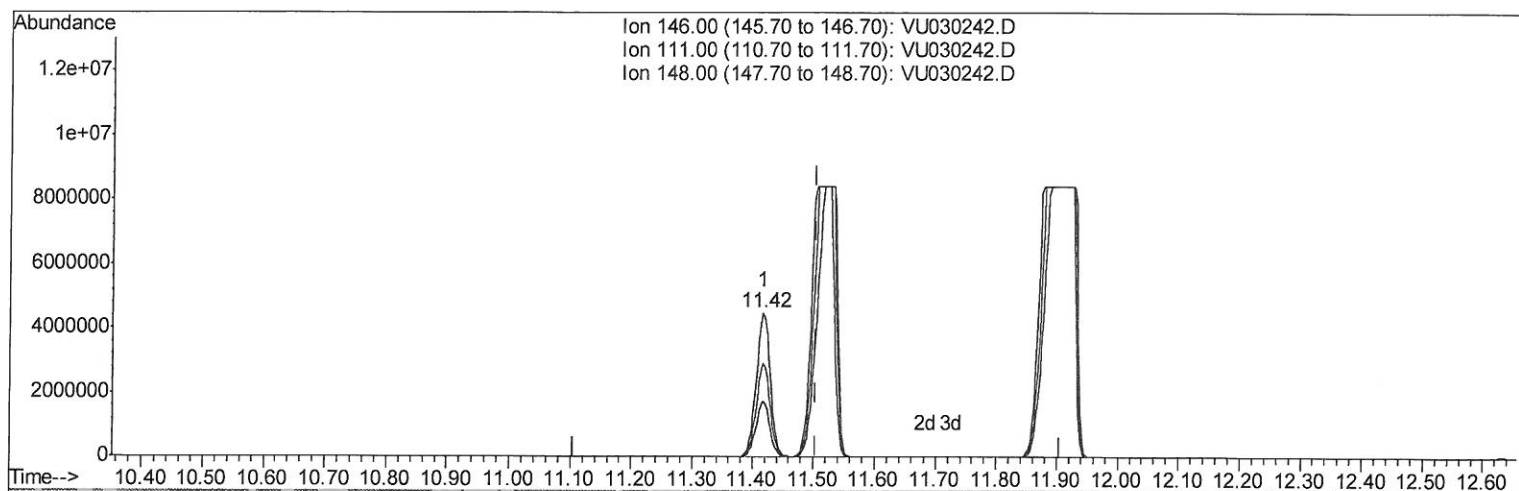
Data File : VU030242.D
Acq On : 20 Mar 2019 22:49
Operator : JC/SP
Sample : K2022-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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TIC: VU030242.D

(63) 1,4-Dichlorobenzene (T)

11.418min (-0.087) 684.76ug/L

response 7150176

Ion	Exp%	Act%
146.00	100	100
111.00	36.10	38.58
148.00	63.80	64.65
0.00	0.00	0.00

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

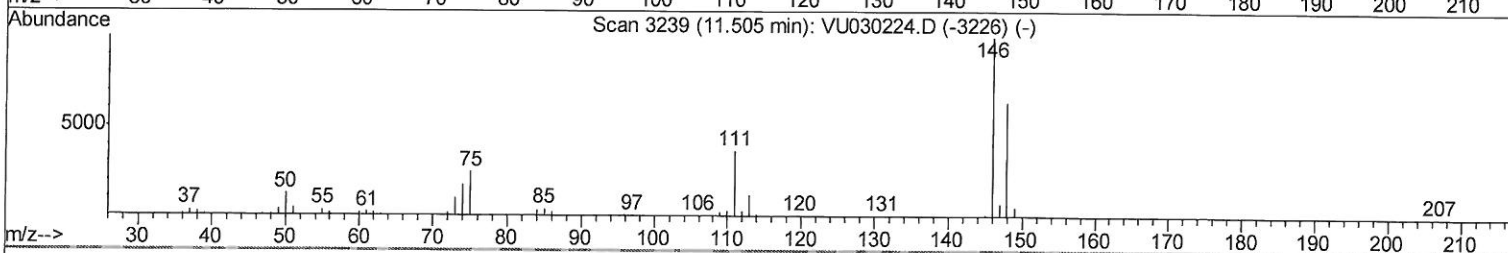
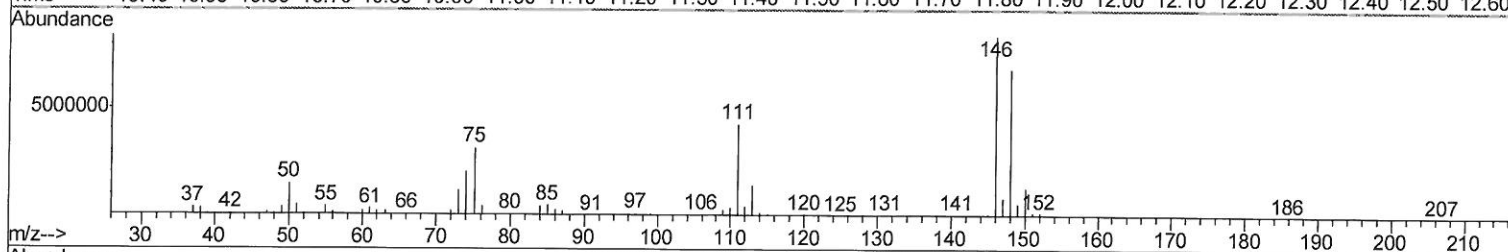
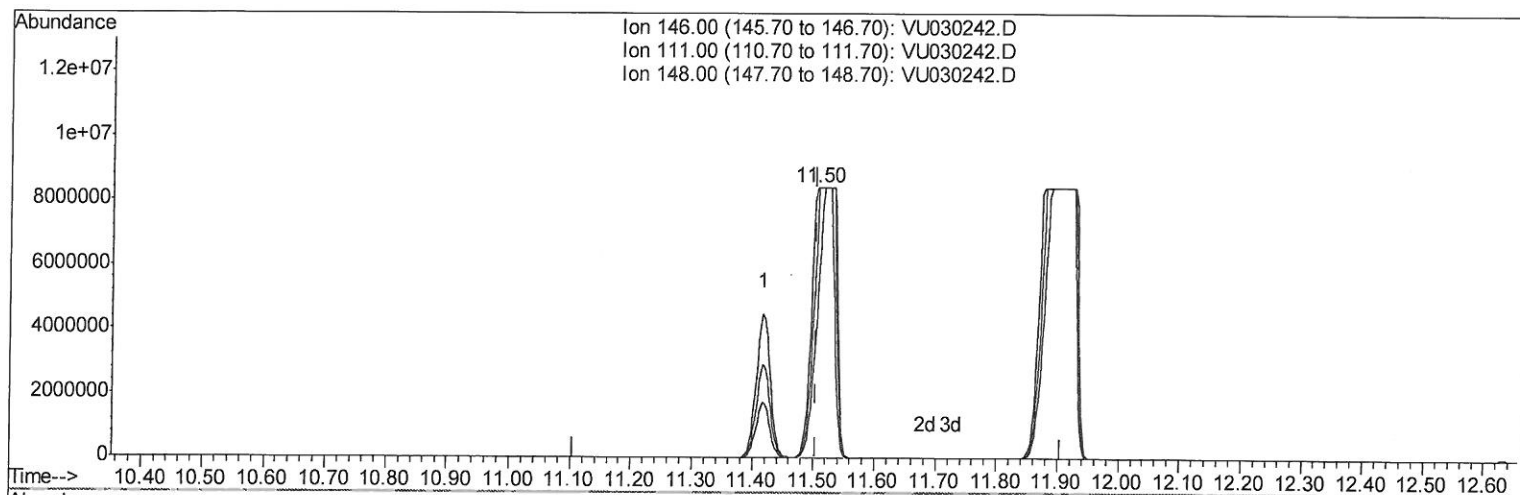
Data File : VU030242.D
Acq On : 20 Mar 2019 22:49
Operator : JC/SP
Sample : K2022-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C8

Manual Integrations
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MMDadoda
3/22/2019 12:14:46 PM

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QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



TIC: VU030242.D

(63) 1,4-Dichlorobenzene (T)

11.504min (-0.000) 2258.35ug/L m

response 23581504

Ion	Exp%	Act%
146.00	100	100
111.00	36.10	50.84#
148.00	63.80	81.23
0.00	0.00	0.00

7100
3/27/19

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

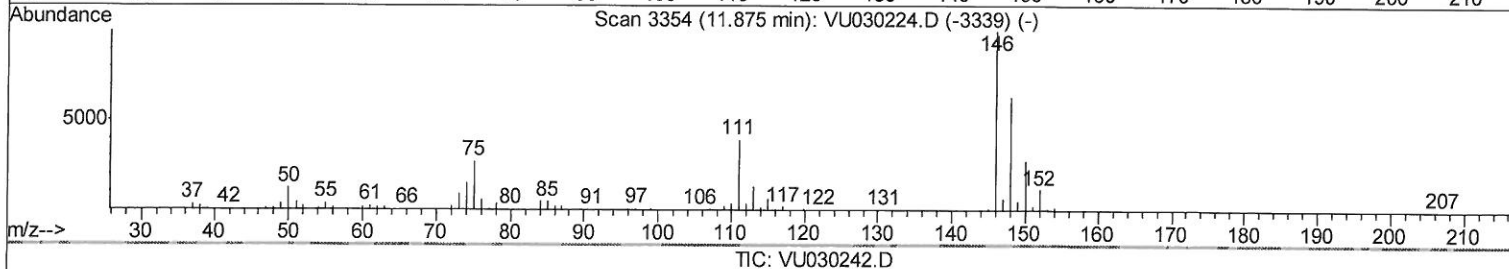
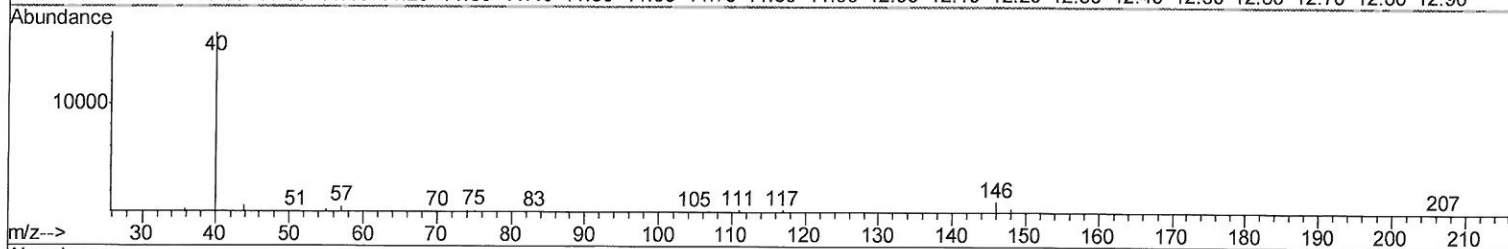
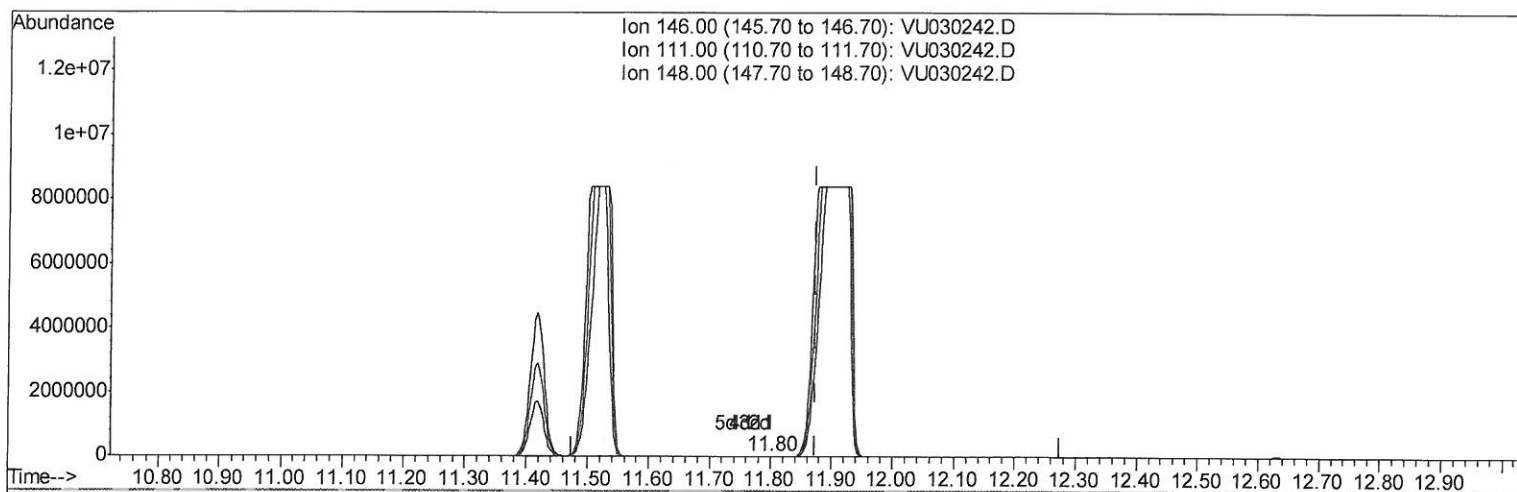
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Operator : JC/SP
Sample : K2022-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C8

Manual Integrations
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(65) 1,2-Dichlorobenzene (T)

11.800min (-0.074) 0.01ug/L

response 133

Ion	Exp%	Act%
146.00	100	100
111.00	39.60	29.18#
148.00	65.00	44.78#
0.00	0.00	0.00

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

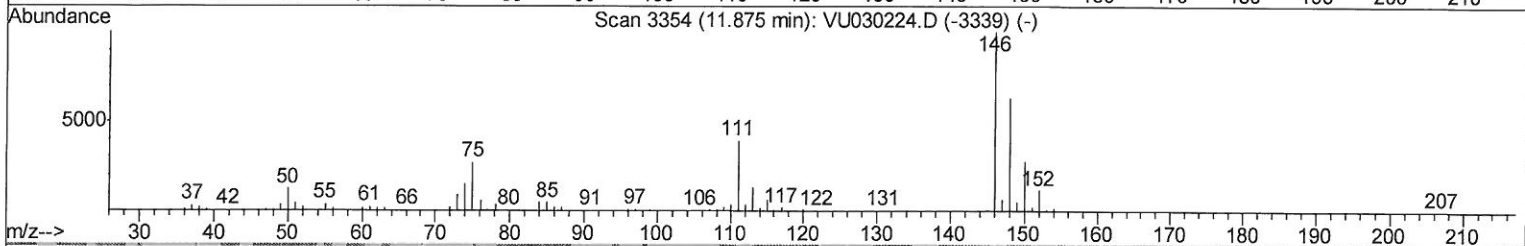
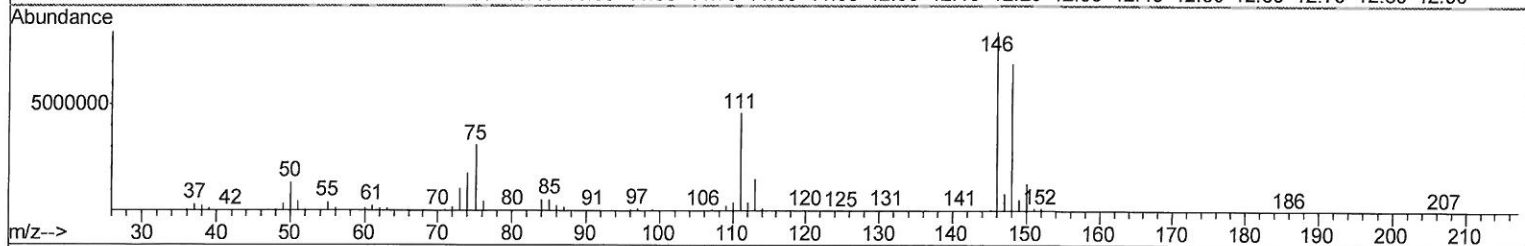
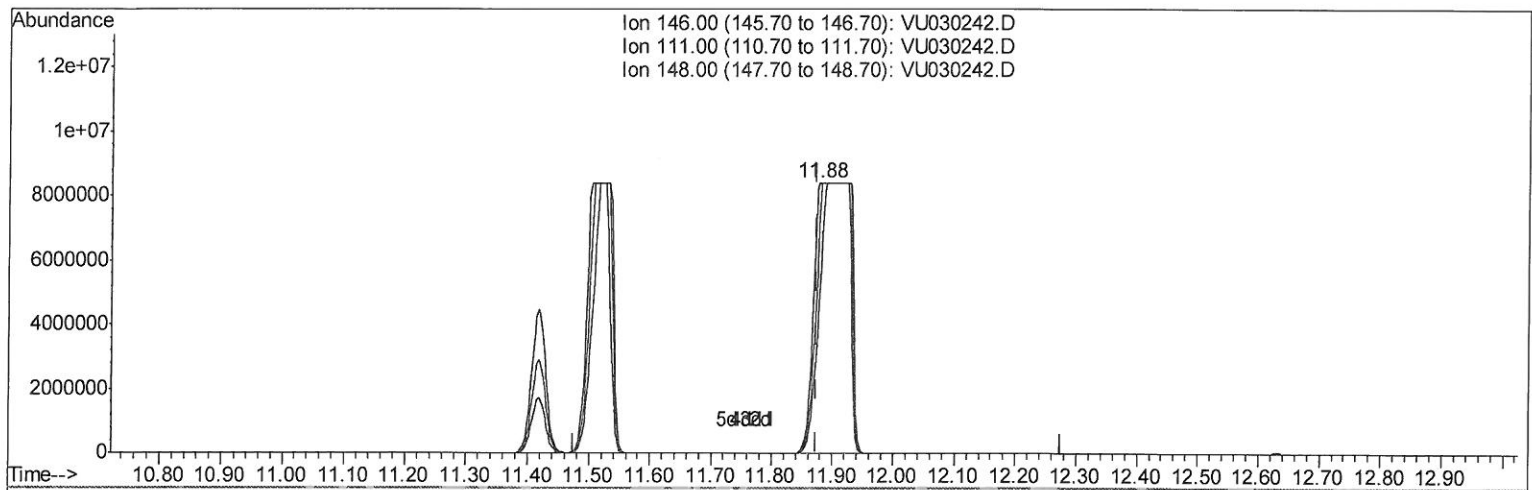
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Acq On : 20 Mar 2019 22:49
Operator : JC/SP
Sample : K2022-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C09C8

Manual Integrations
APPROVED

MMDadoda
3/22/2019 12:14:46 PM

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



TIC: VU030242.D

(65) 1,2-Dichlorobenzene (T)

11.877min (+0.003) 3388.12ug/L m

response 34847209

Ion	Exp%	Act%
146.00	100	100
111.00	39.60	54.68#
148.00	65.00	82.38#
0.00	0.00	0.00

730
3/27/19

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

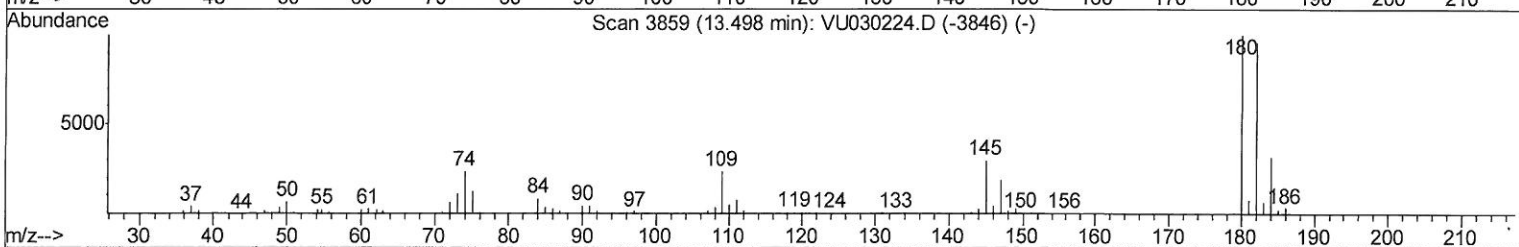
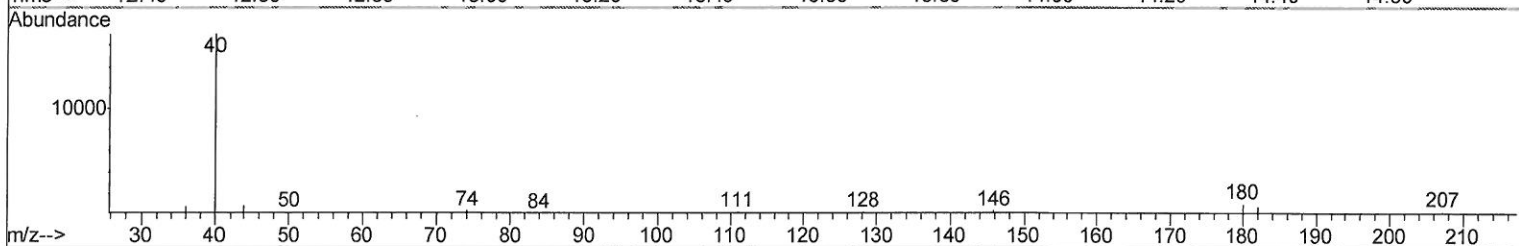
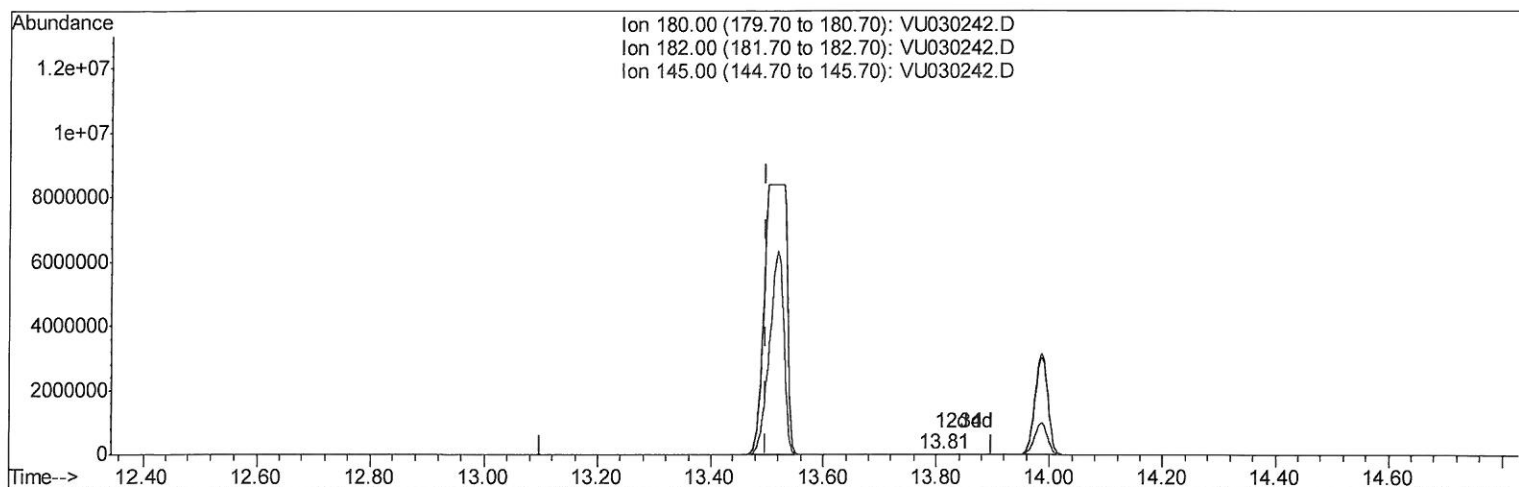
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: VU030242.D

(68) 1,2,4-trichlorobenzene (T)

13.810min (+0.311) 0.05ug/L

response 381

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	26.51#
145.00	28.40	28.08
0.00	0.00	0.00

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Quantitation Report (Qedit)

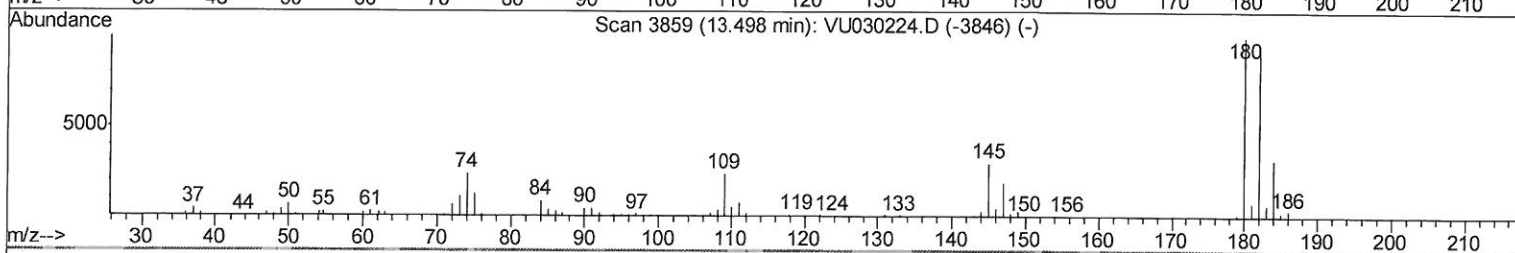
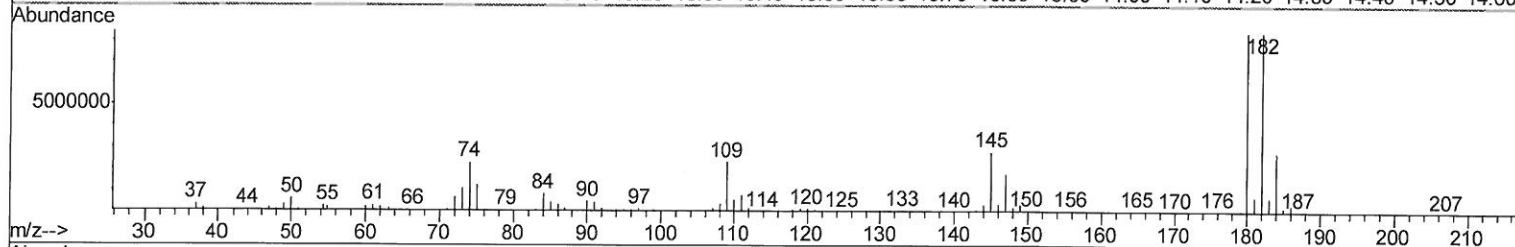
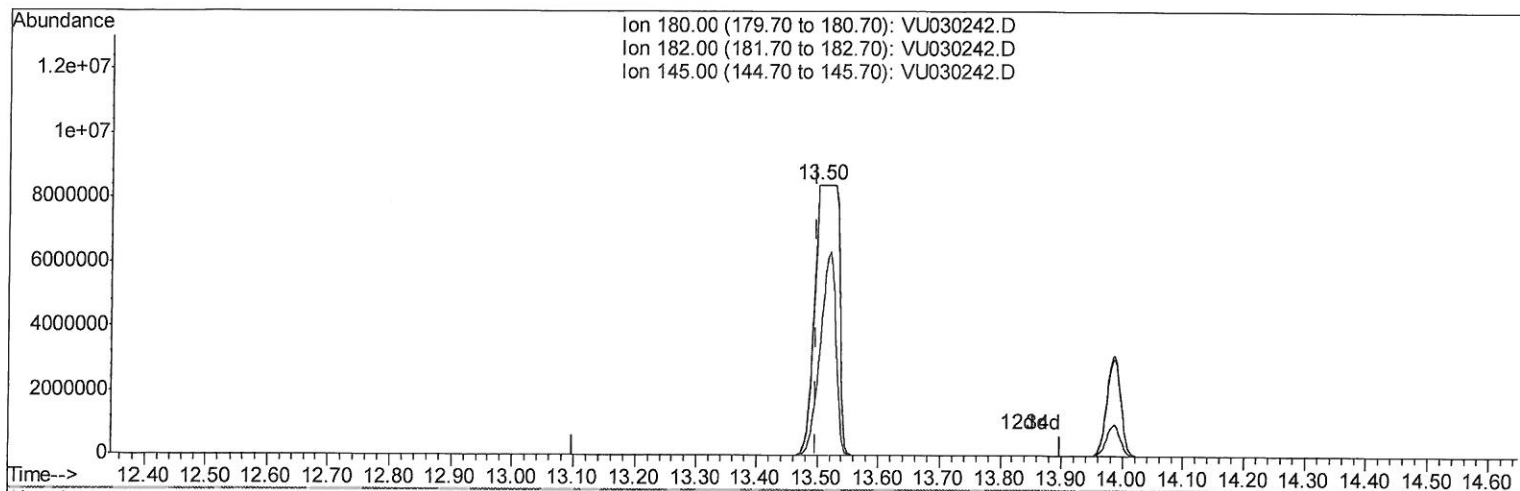
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: VU030242.D

(68) 1,2,4-trichlorobenzene (T)

13.501min (+0.003) 3322.67ug/L m

response 23117109

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	0.00#
145.00	28.40	0.00#
0.00	0.00	0.00

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3/22/19

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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Mar 22 02:50:09 2019
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	537396	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	315526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143959	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.24%
7) Chloroethane-d5	1.68	69	129003	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	209022	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.17	46	266029	98.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.65	84	298846	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
26) 1,2-Dichloroethane-d4	5.31	65	179035	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.34	84	635569	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
36) 1,2-Dichloropropane-d6	6.33	67	204149	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.46%
41) Toluene-d8	7.56	98	583082	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%
43) trans-1,3-Dichloropropene-	7.85	79	90287	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.31	63	218518	96.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315122	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.88	152	297671	46.99	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

					Qvalue
13) Acetone	2.32	43	9297	3.300	ug/L 94
29) Cyclohexane	4.99	56	12310	2.115	ug/L 98
31) Carbon tetrachloride	5.13	117	7663	1.499	ug/L 99
33) Benzene	5.39	78	111409	7.208	ug/L 100
35) Methylcyclohexane	6.41	83	53883	8.434	ug/L # 77
46) Tetrachloroethene	8.22	164	4475m	1.300	ug/L
51) Chlorobenzene	9.11	112	23572685m	2117.815	ug/L
62) 1,3-Dichlorobenzene	11.42	146	7150176	710.277	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	23581504m	2258.346	ug/L
65) 1,2-Dichlorobenzene	11.88	146	34847209m	3388.121	ug/L
67) 1,3,5-Trichlorobenzene	12.89	180	20364	2.588	ug/L 98
68) 1,2,4-trichlorobenzene	13.50	180	23117109m	3322.668	ug/L
70) 1,2,3-Trichlorobenzene	13.99	180	4997721	688.435	ug/L 99

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 3/27/19

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