

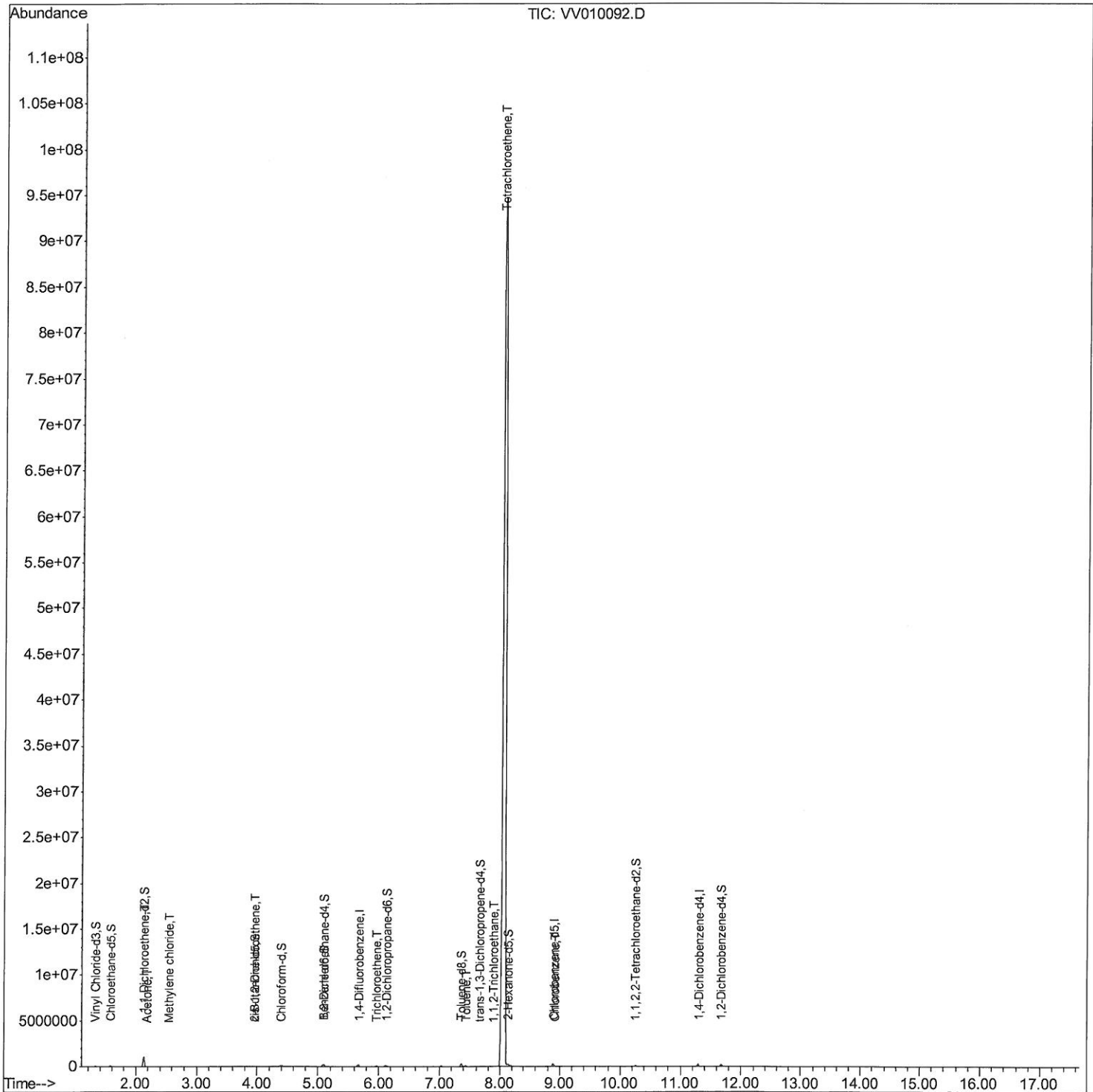
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010092.D
Acq On : 03 Apr 2019 15:00
Operator : SY/MD
Sample : K2215-06
Misc : 5.43G/10mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2M7

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:40:34 AM

Quant Time: Apr 04 07:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

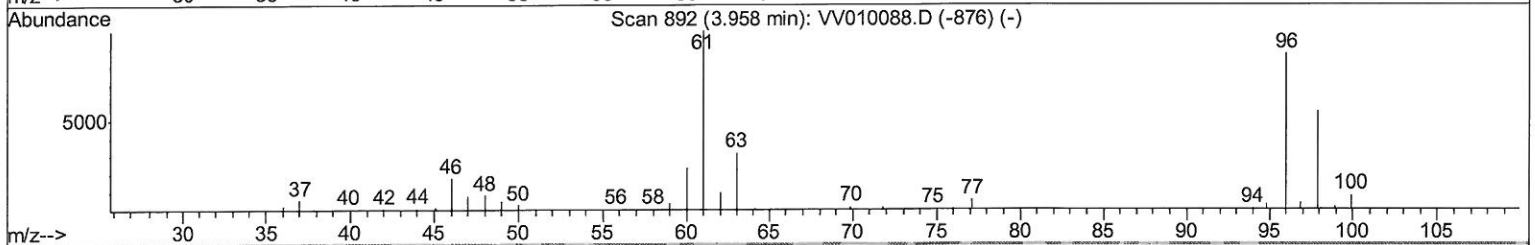
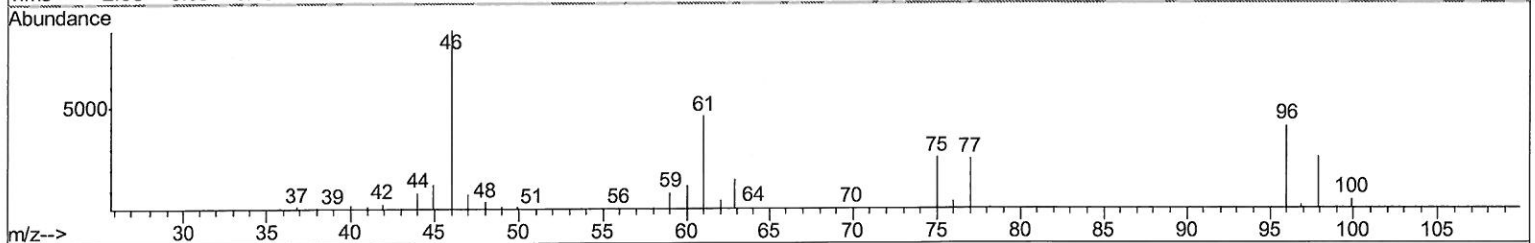
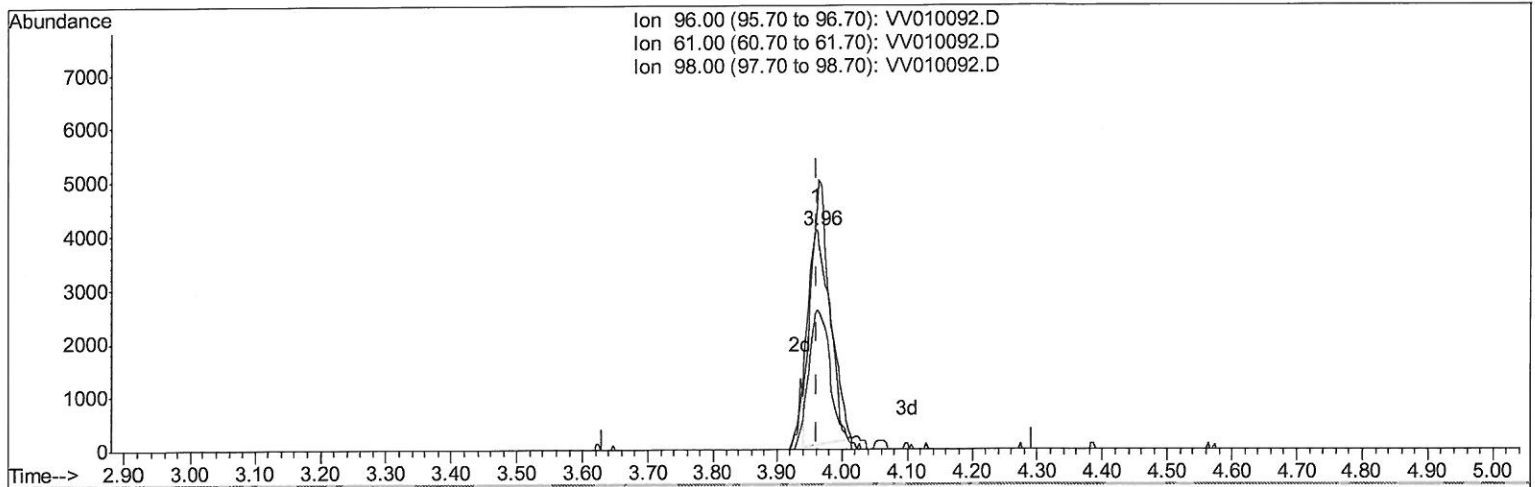
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Quant Time: Apr 04 06:05:32 2019
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TIC: VV010092.D

(22) cis-1,2-Dichloroethene (T)

3.962min (+0.000) 3.47ug/L

response 8739

Ion	Exp%	Act%
96.00	100	100
61.00	118.10	112.01
98.00	62.70	64.03
0.00	0.00	0.00

Quantitation Report (Qedit)

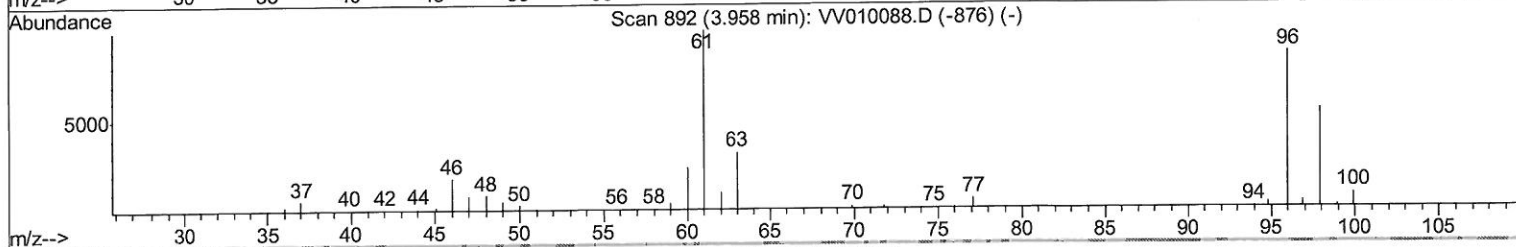
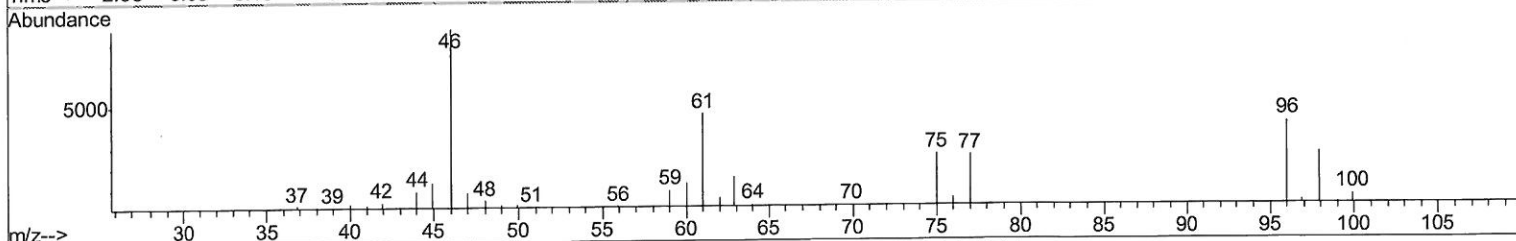
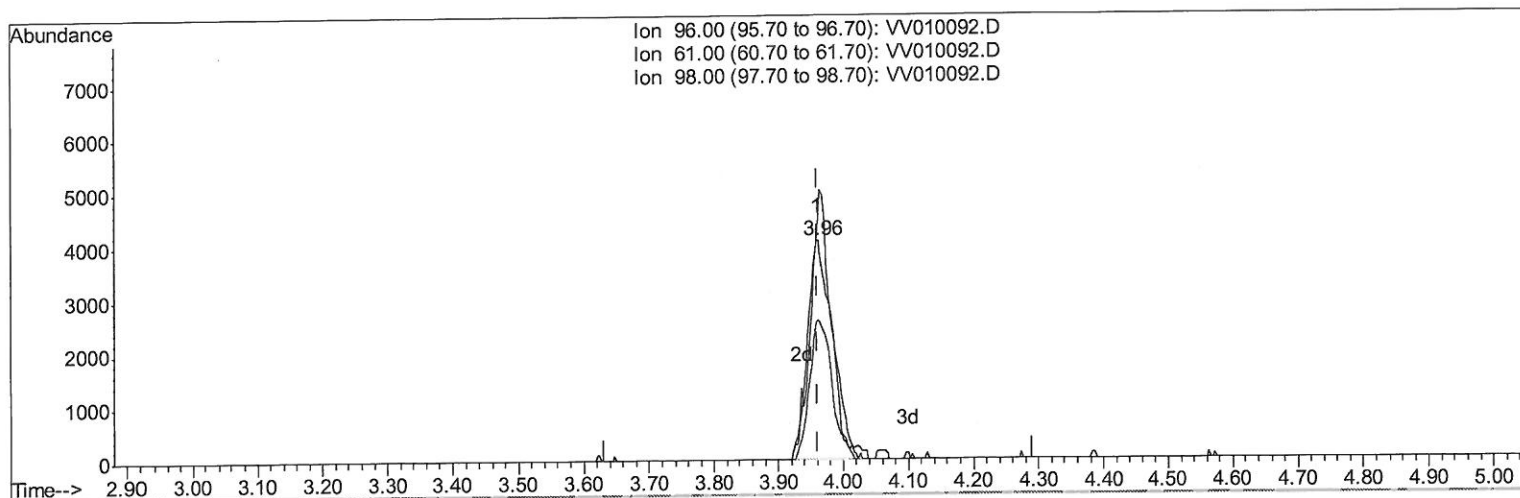
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TIC: VV010092.D

(22) cis-1,2-Dichloroethene (T)

3.962min (+0.000) 3.96ug/L m

response 9960

Ion	Exp%	Act%
96.00	100	100
61.00	118.10	112.01
98.00	62.70	64.03
0.00	0.00	0.00

> MD
4/6/19

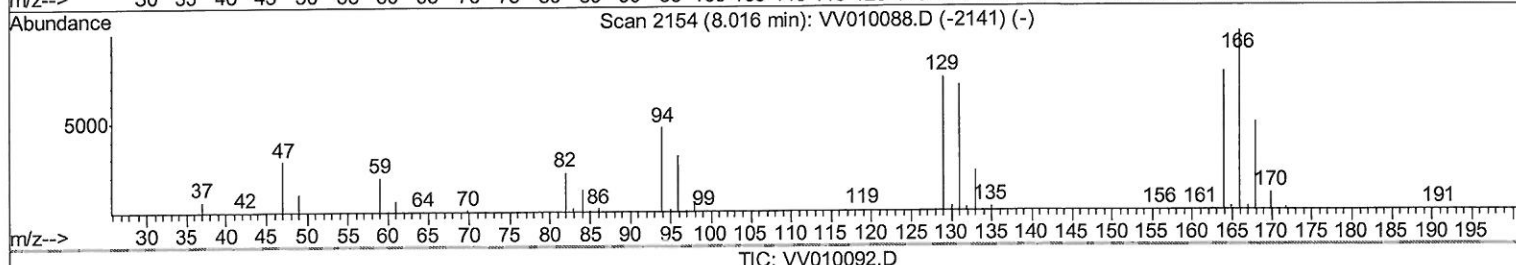
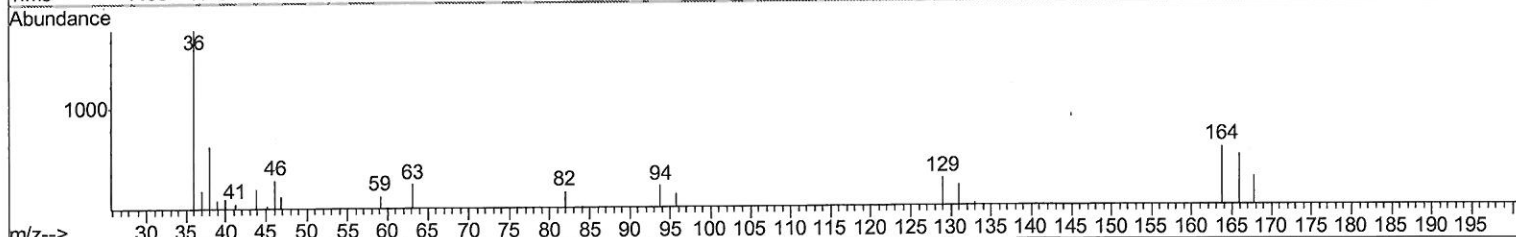
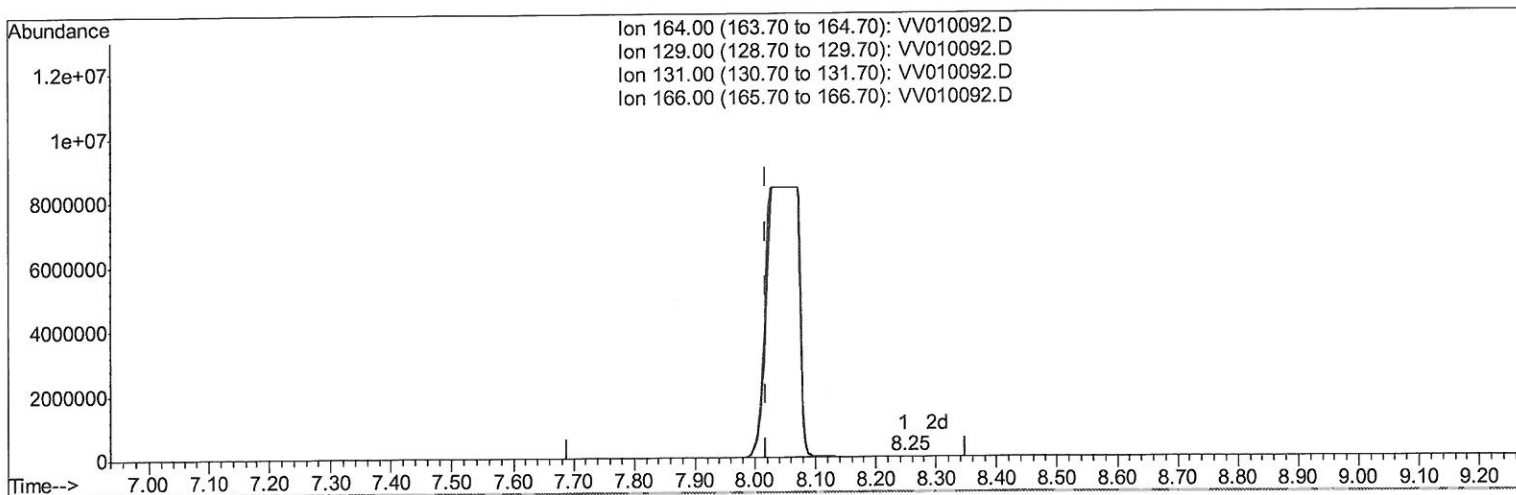
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Manual Integrations
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Quant Time: Apr 04 07:08:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
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QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration



TIC: VV010092.D

(47) Tetrachloroethene (T)

8.248min (+0.228) 0.18ug/L

response 386

Ion	Exp%	Act%
164.00	100	100
129.00	96.80	56.56#
131.00	93.10	46.84#
166.00	134.00	88.49#

Quantitation Report (Qedit)

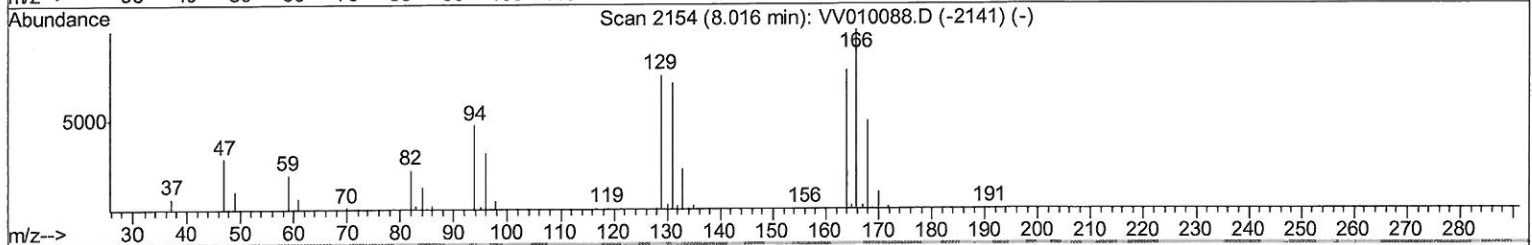
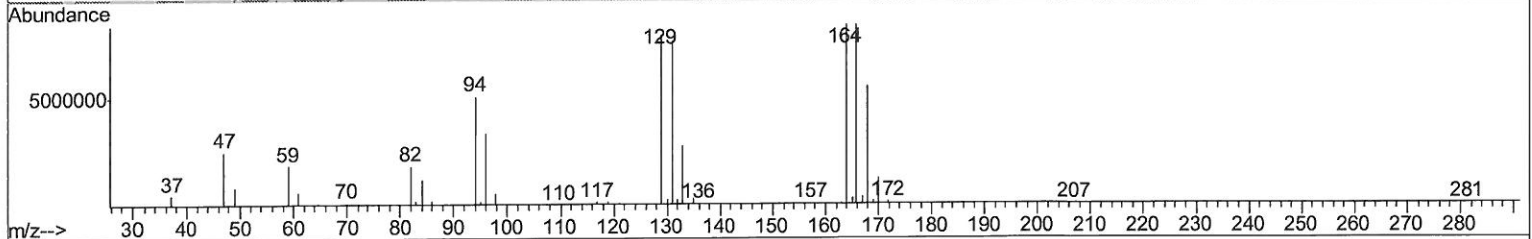
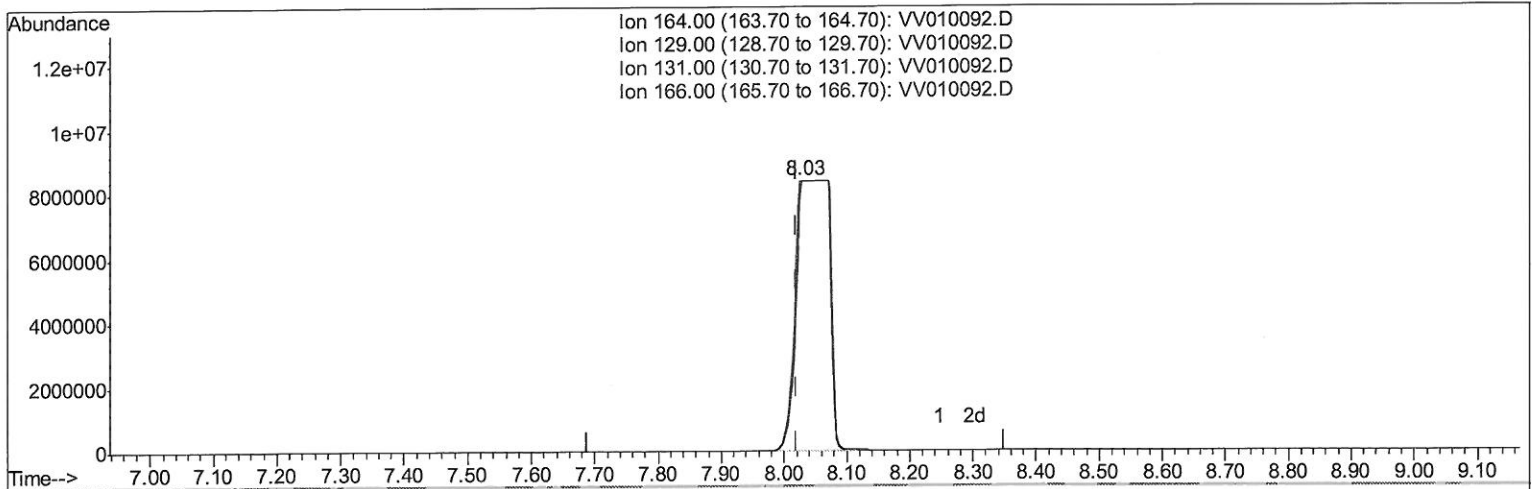
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Instrument :
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Manual Integrations
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TIC: VV010092.D

(47) Tetrachloroethene (T)

8.026min (+0.007) 14684.51ug/L m

response 30678114

Ion	Exp%	Act%
164.00	100	100
129.00	96.80	94.45
131.00	93.10	91.18
166.00	134.00	100.00

MD
4/6/19

Quantitation Report (Qedit)

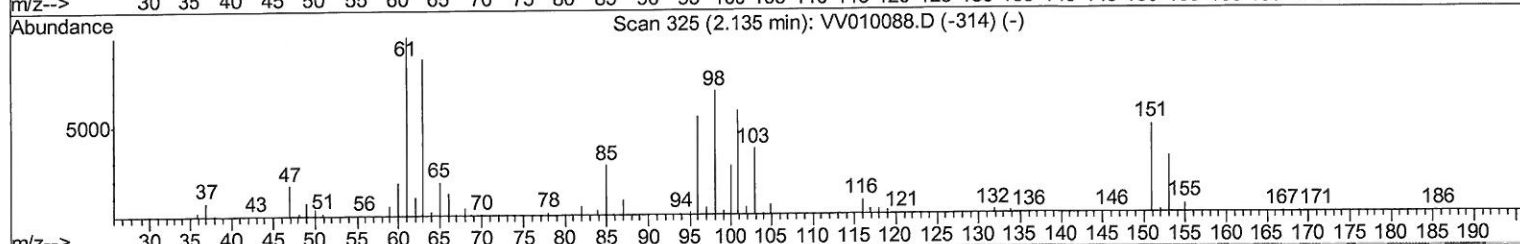
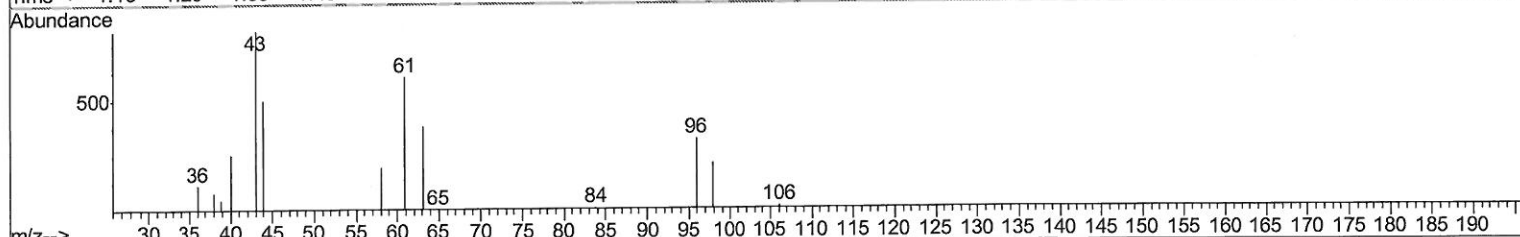
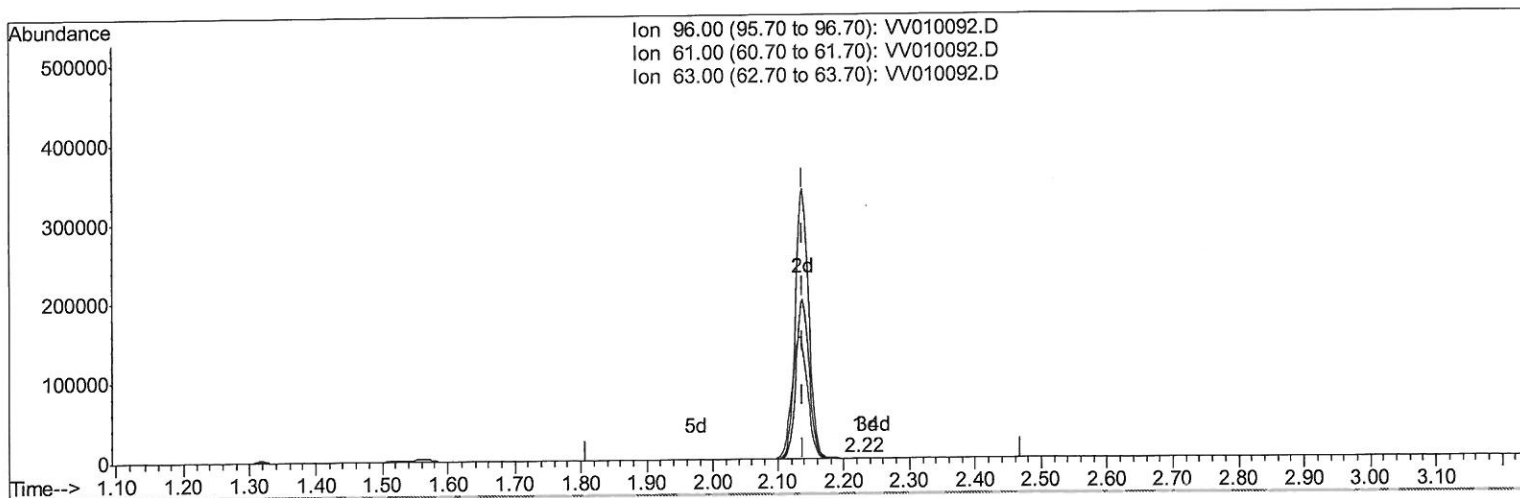
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:34 AM

Quant Time: Apr 04 07:09:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration



TIC: VV010092.D

(12) 1,1-Dichloroethene (T)

2.222min (+0.084) 0.06ug/L

response 144

Ion	Exp%	Act%
96.00	100	100
61.00	182.60	164.04
63.00	160.90	113.76
0.00	0.00	0.00

Quantitation Report (Qedit)

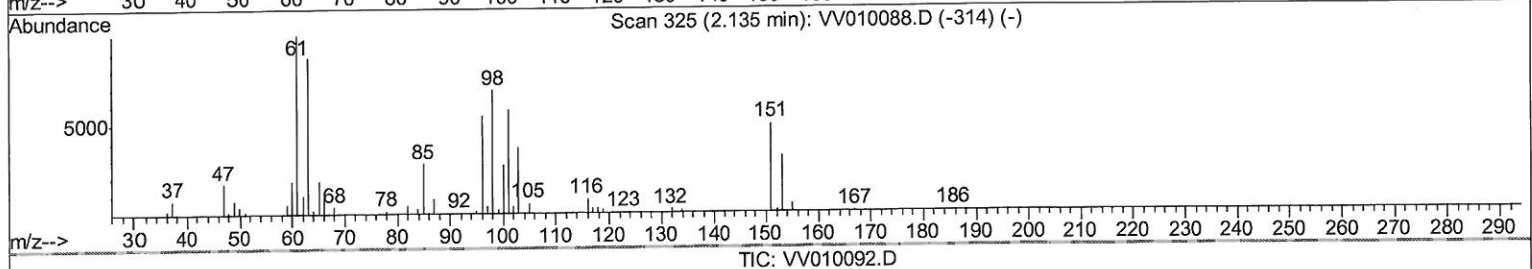
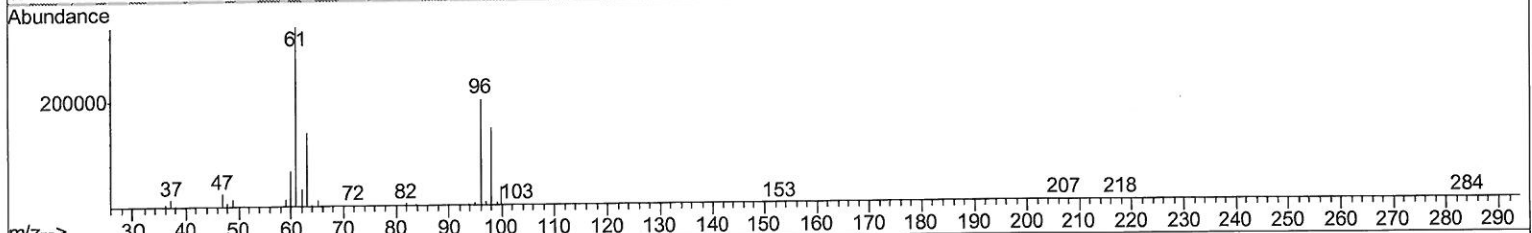
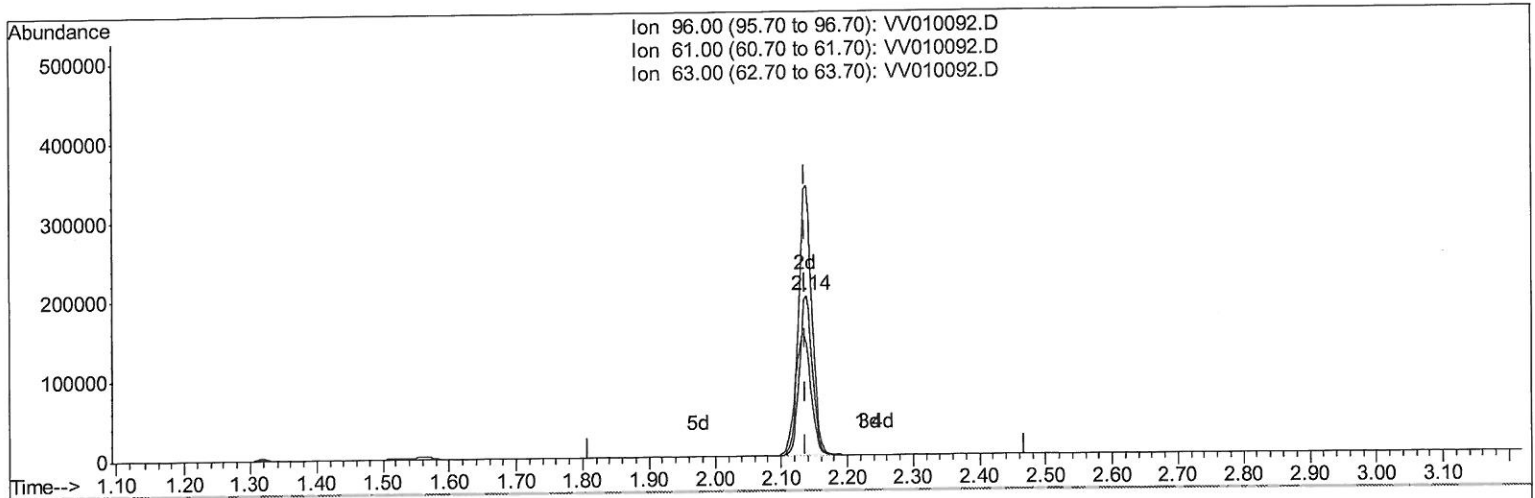
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 Acq On : 03 Apr 2019 15:00
 Operator : SY/MD
 Sample : K2215-06
 Misc : 5.43G/10mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M7

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:34 AM

Quant Time: Apr 04 07:09:12 2019
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 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration



(12) 1,1-Dichloroethene (T)

2.139min (+0.000) 107.97ug/L m

response 280016

Ion	Exp%	Act%
96.00	100	100
61.00	182.60	168.71
63.00	160.90	69.48#
0.00	0.00	0.00

Handwritten: 5 MD
 4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
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 Operator : SY/MD
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 MSVOA_V
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	189704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177320	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69604	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48859	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.96%
7) Chloroethane-d5	1.57	69	64840	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	2.13	63	254801	39.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	159.08%#
20) 2-Butanone-d5	3.94	46	39254	54.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.64%
24) Chloroform-d	4.40	84	104731	21.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.08	65	65024	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
29) Benzene-d6	5.10	84	216461	23.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.16%
33) 1,2-Dichloropropane-d6	6.12	67	65663	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	7.36	98	189101	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.36%
38) trans-1,3-Dichloropropene-	7.67	79	21190	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	8.14	63	29726	54.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68231	25.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	60249	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

12) 1,1-Dichloroethene	2.14	96	280016m	107.966	ug/L	Qvalue MD
13) Acetone	2.20	43	5413	7.576	ug/L	99 4/6/19
16) Methylene chloride	2.53	84	4063	1.219	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	9960m	3.960	ug/L	MD 4/6/19
35) Trichloroethene	5.96	95	20918	8.381	ug/L	97
44) Toluene	7.43	91	91270	9.378	ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	4542	2.338	ug/L #	52 MD
47) Tetrachloroethene	8.03	164	30678114m	14684.507	ug/L	92 4/6/19
52) Chlorobenzene	8.92	112	5291	0.797	ug/L #	92

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