

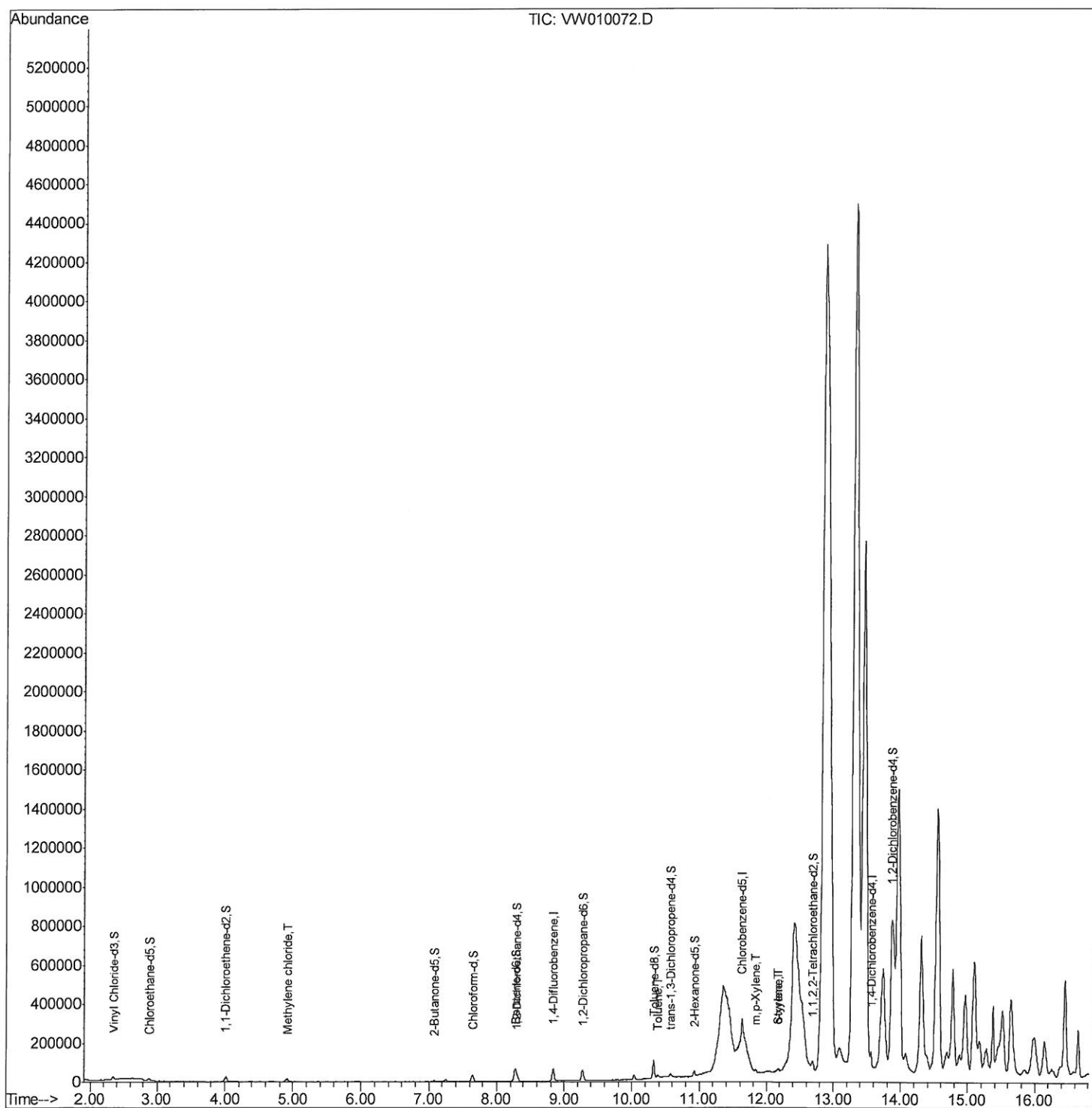
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010072.D
Acq On : 19 Apr 2019 18:37
Operator : SY/VA
Sample : K2455-21
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHS1

Manual Integrations
APPROVED

MMDadoda
4/23/2019 6:57:07 AM

Quant Time: Apr 20 05:53:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

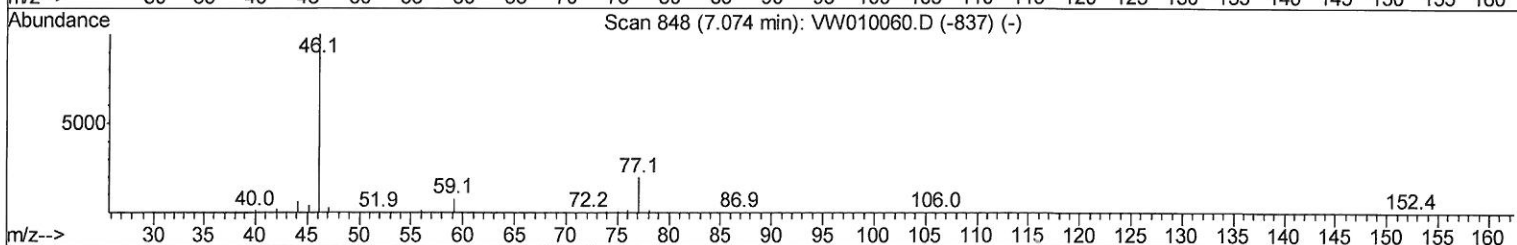
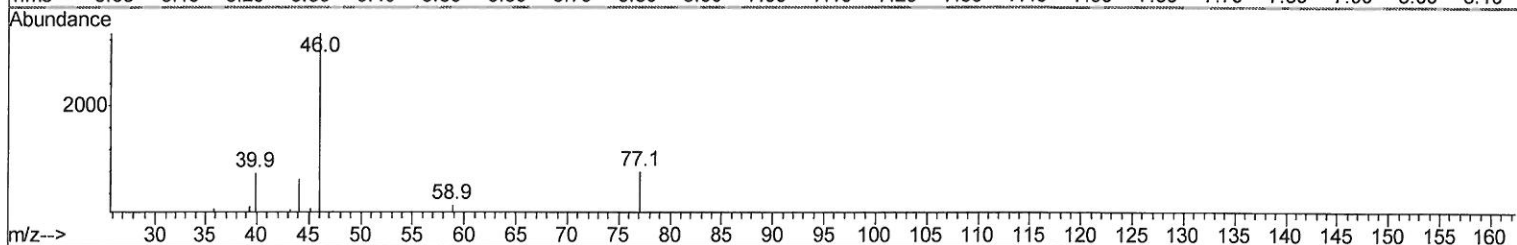
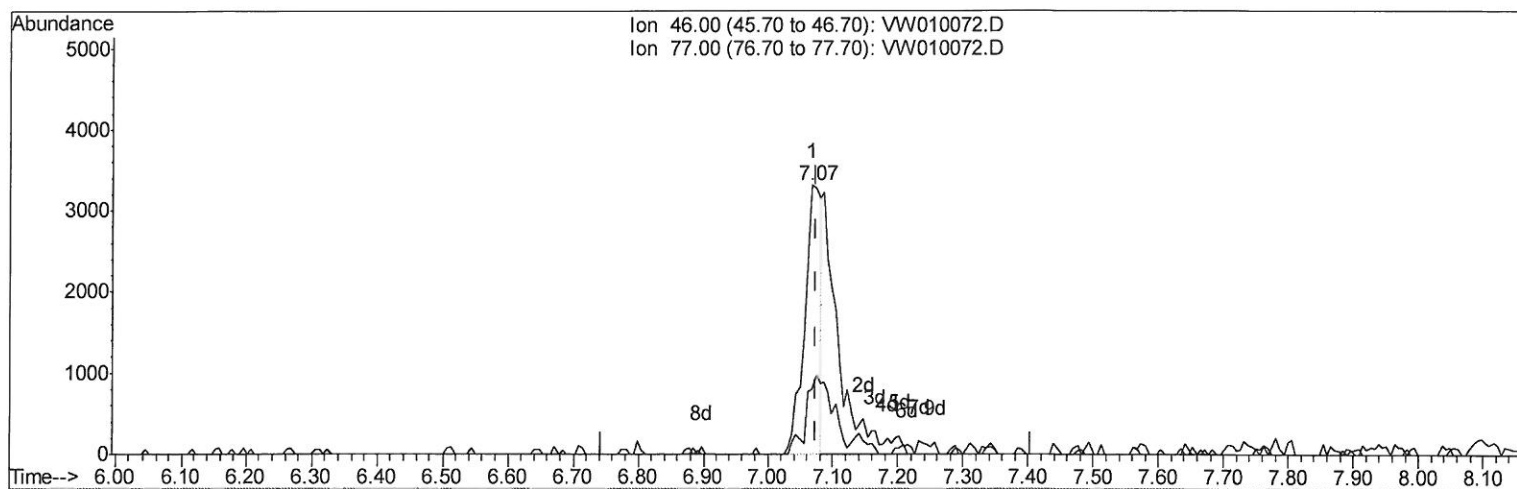
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TIC: VW010072.D

(20) 2-Butanone-d5 (S)

7.068min (-0.006) 22.51ug/L

response 5687

Ion	Exp%	Act%
46.00	100	100
77.00	21.00	44.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

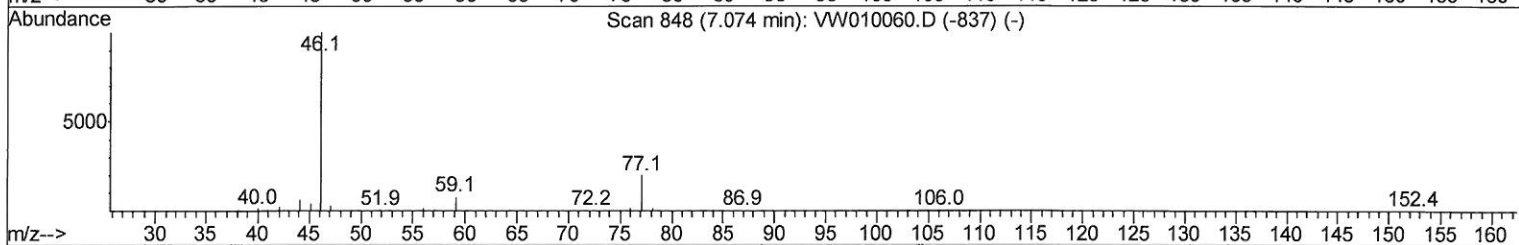
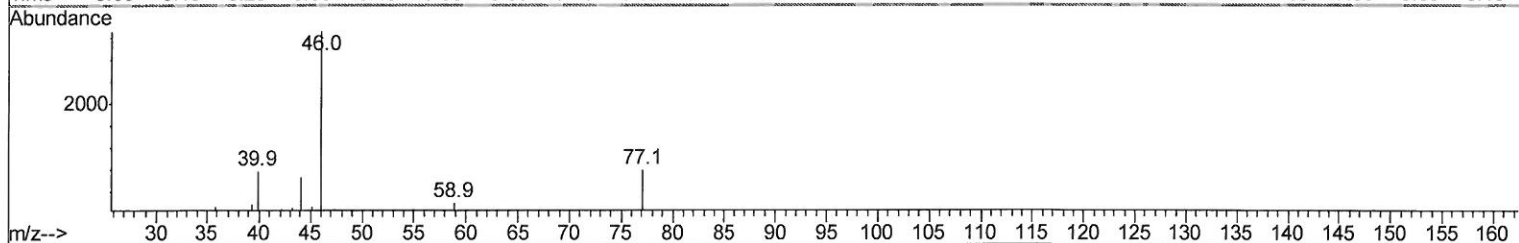
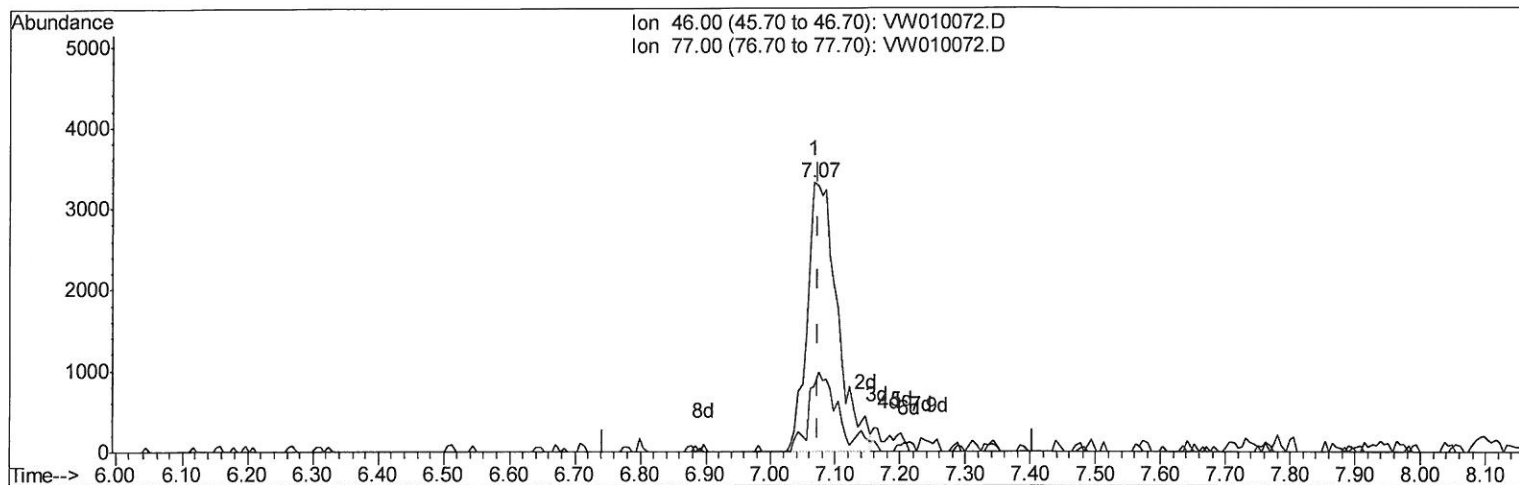
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TIC: VW010072.D

(20) 2-Butanone-d5 (S)

7.068min (-0.006) 42.47ug/L m

response 10731

Ion	Exp%	Act%
46.00	100	100
77.00	21.00	23.33
0.00	0.00	0.00
0.00	0.00	0.00

MD
4/28/19

Quantitation Report (Qedit)

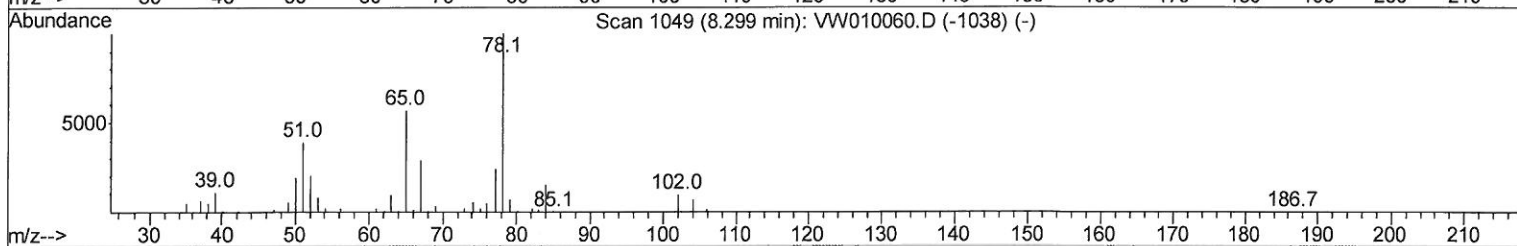
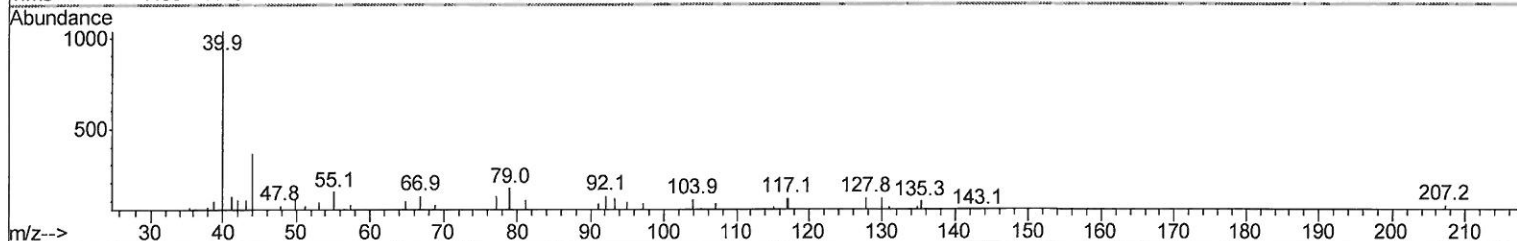
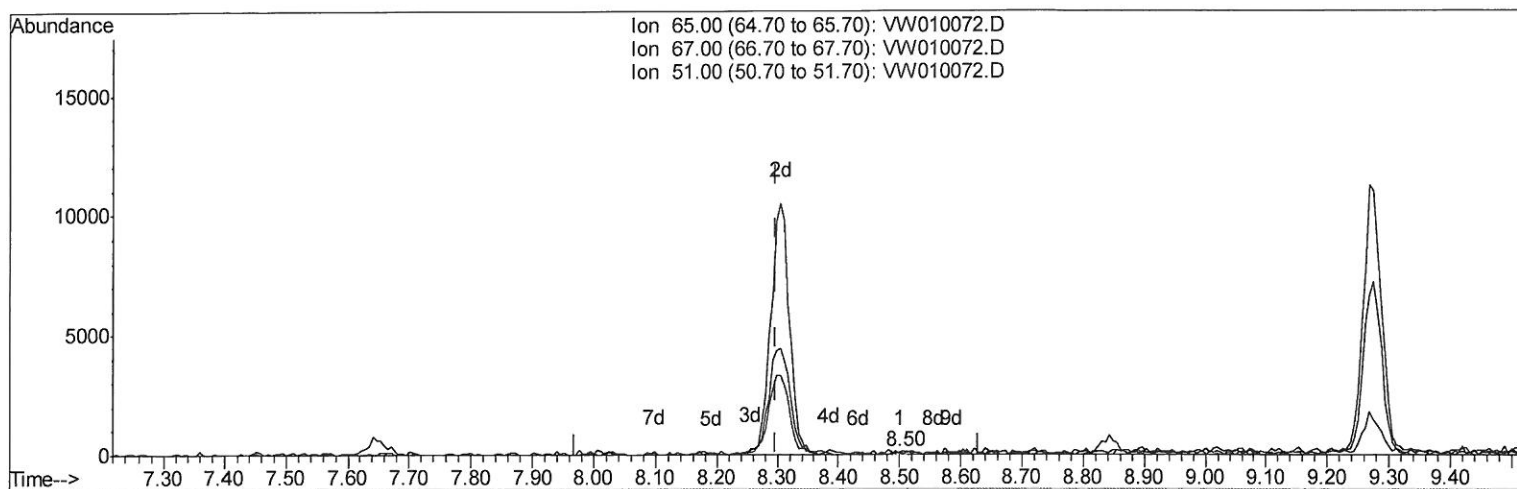
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Instrument :
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ClientSampled :
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Manual Integrations
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TIC: VW010072.D

(26) 1,2-Dichloroethane-d4 (S)

8.500min (+0.201) 0.12ug/L

response 105

Ion	Exp%	Act%
65.00	100	100
67.00	50.40	45.71
51.00	99.90	71.43
0.00	0.00	0.00

Quantitation Report (Qedit)

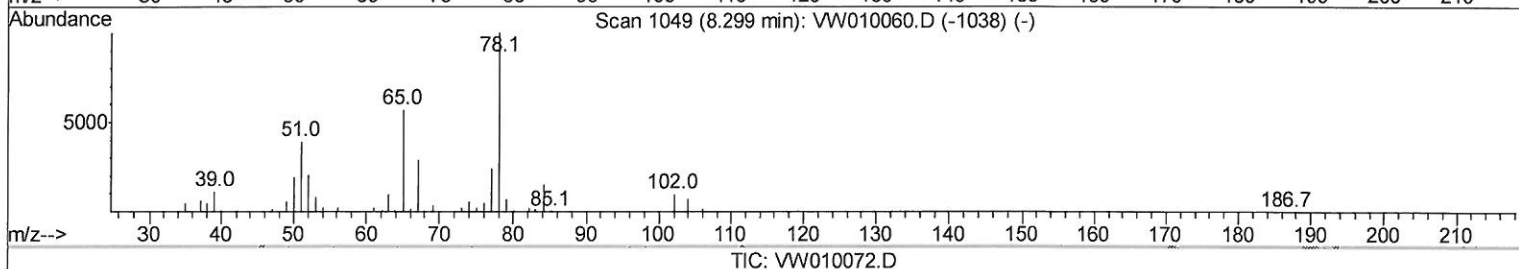
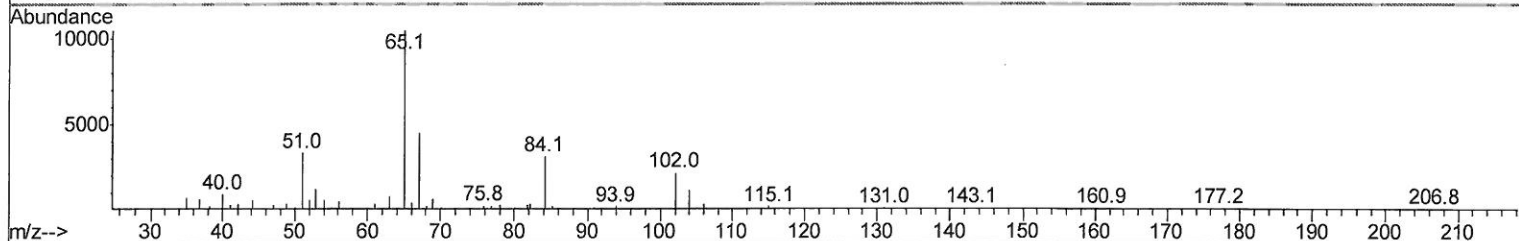
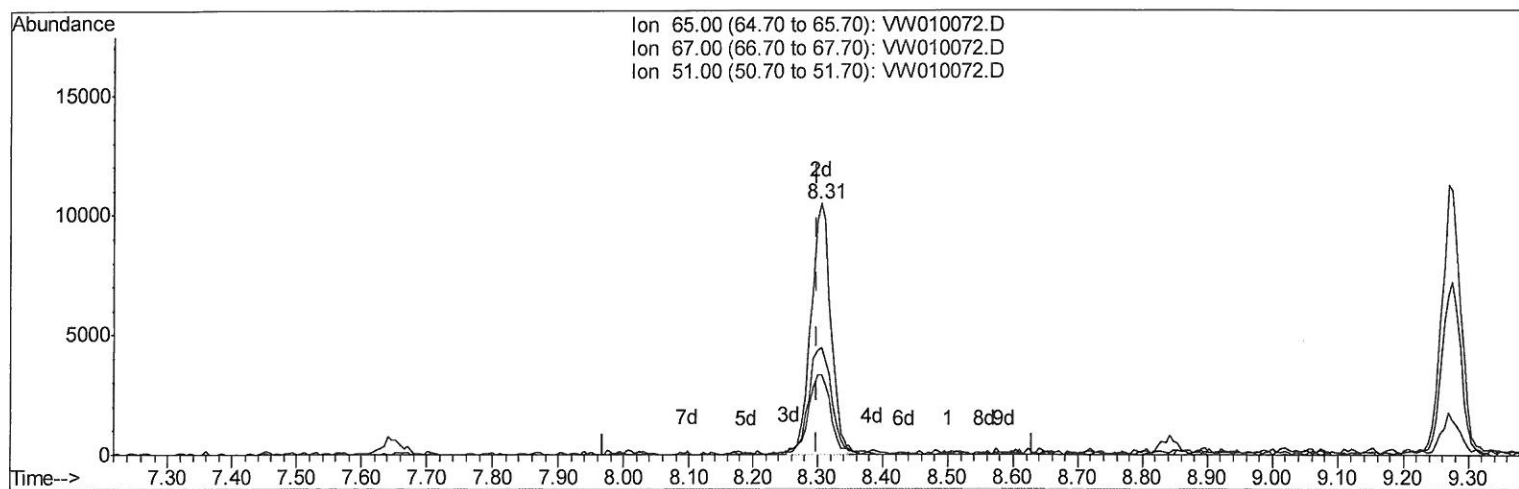
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Acq On : 19 Apr 2019 18:37
Operator : SY/VA
Sample : K2455-21
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHS1

Manual Integrations
APPROVED

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TIC: VW010072.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 25.24ug/L m

response 22379

Ion	Exp%	Act%
65.00	100	100
67.00	50.40	0.21#
51.00	99.90	0.34#
0.00	0.00	0.00

>MD
4/20/19

Quantitation Report (Qedit)

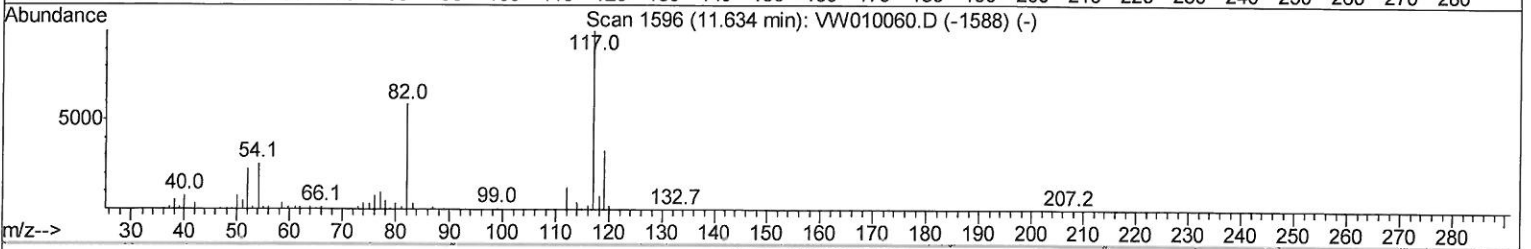
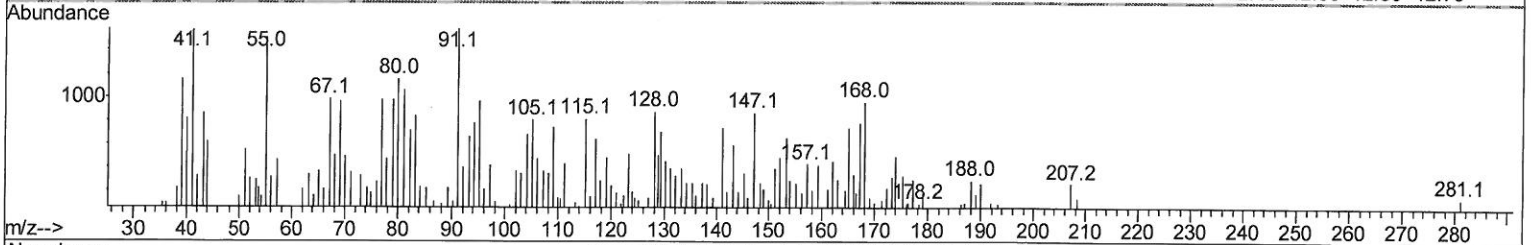
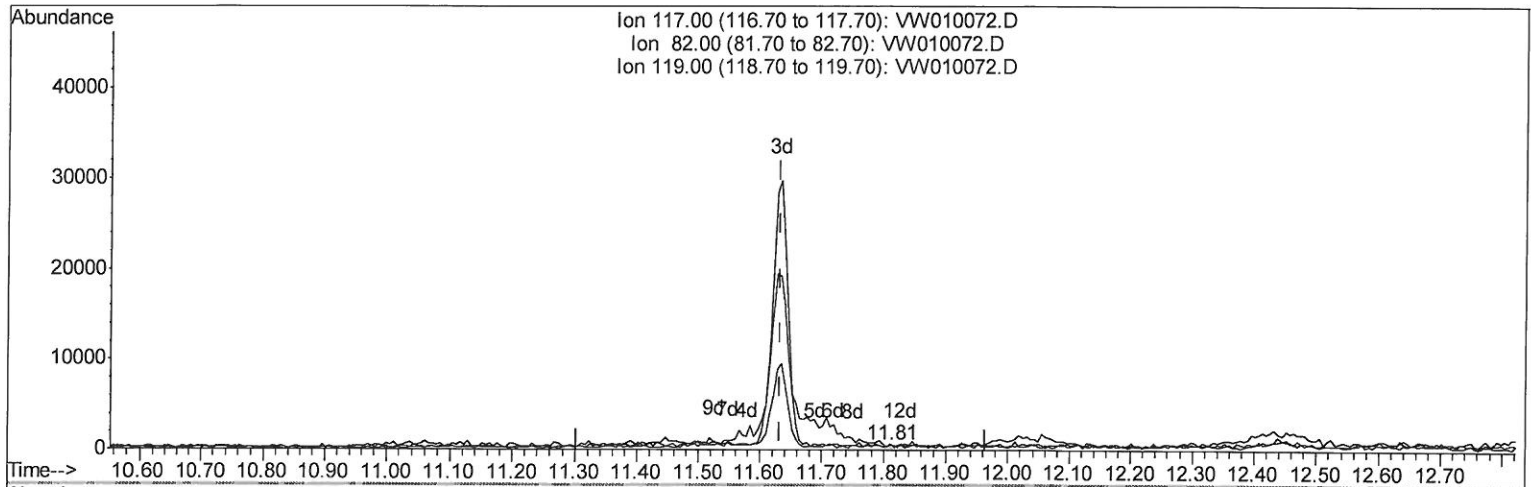
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010072.D
 Acq On : 19 Apr 2019 18:37
 Operator : SY/VA
 Sample : K2455-21
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 GAHS1

Manual Integrations
APPROVED

MMDadoda
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TIC: VW010072.D

(28) Chlorobenzene-d5 (I)

11.811min (+0.177) 25.00ug/L

response 183

Ion	Exp%	Act%
117.00	100	100
82.00	58.40	62.84
119.00	31.70	27.32
0.00	0.00	0.00

Quantitation Report (Qedit)

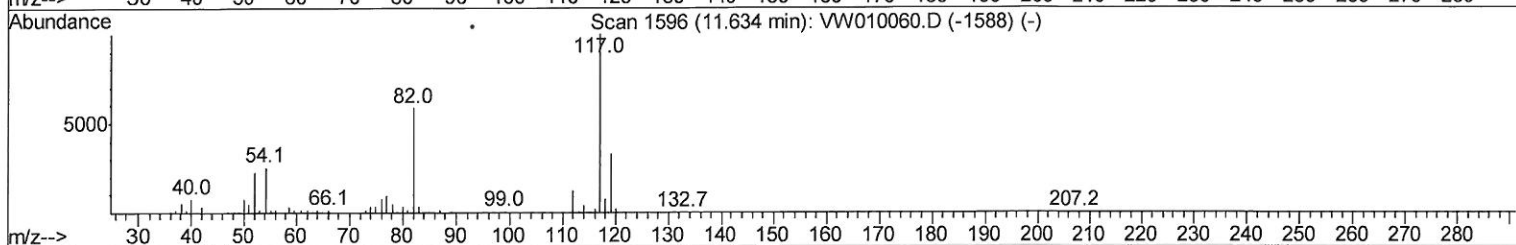
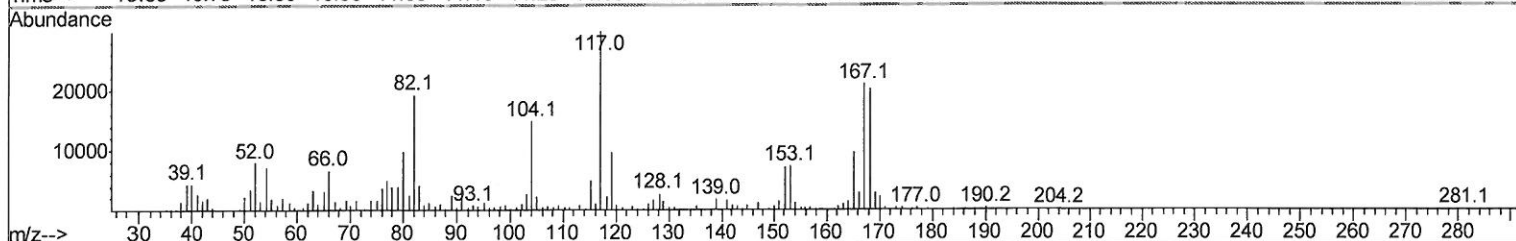
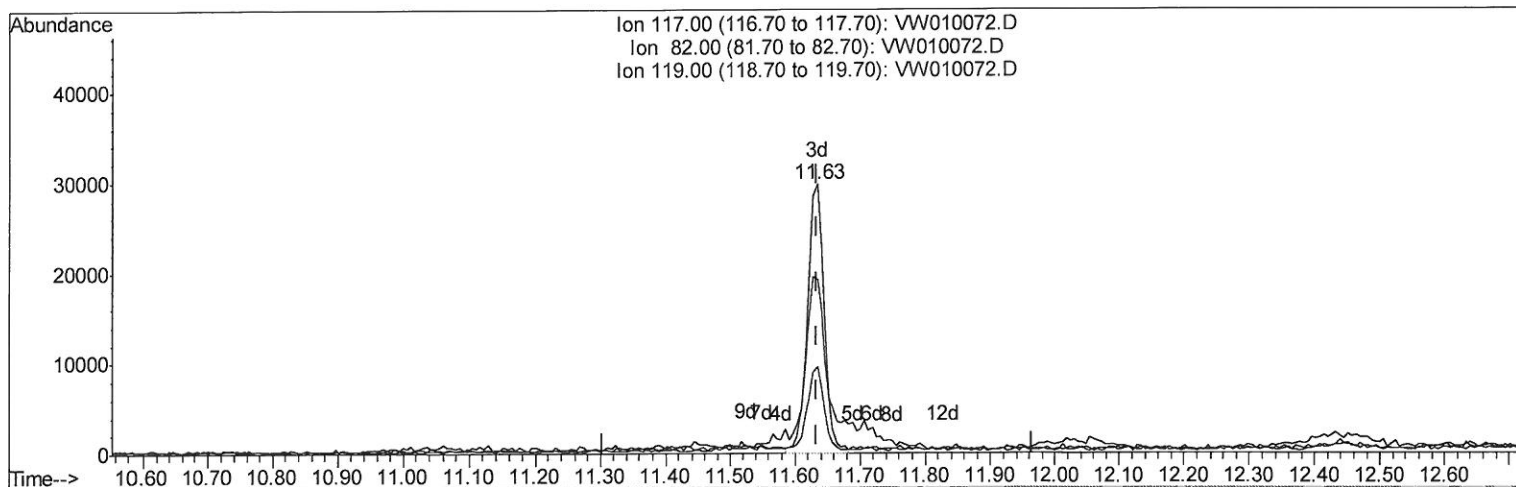
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010072.D
Acq On : 19 Apr 2019 18:37
Operator : SY/VA
Sample : K2455-21
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHS1

Manual Integrations
APPROVED

MMDadoda
4/23/2019 6:57:07 AM

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TIC: VW010072.D

(28) Chlorobenzene-d5 (I)

11.634min (+0.000) 25.00ug/L m

response 53246

Ion	Exp%	Act%
117.00	100	100
82.00	58.40	0.22#
119.00	31.70	0.09#
0.00	0.00	0.00

MD
4/28/19

Quantitation Report (Qedit)

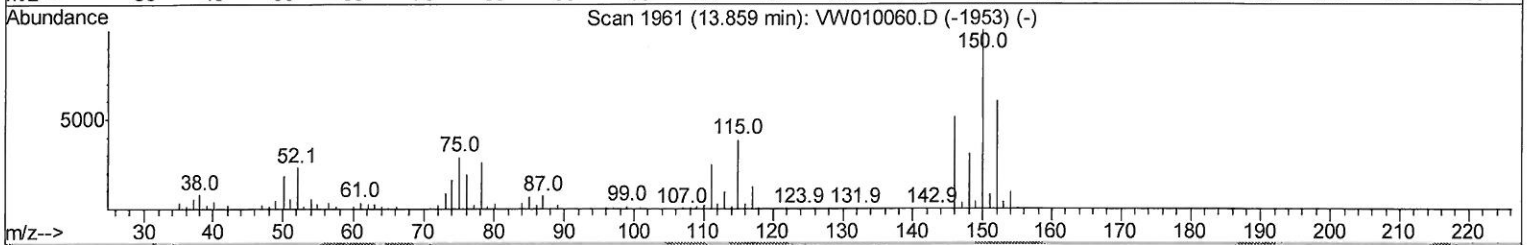
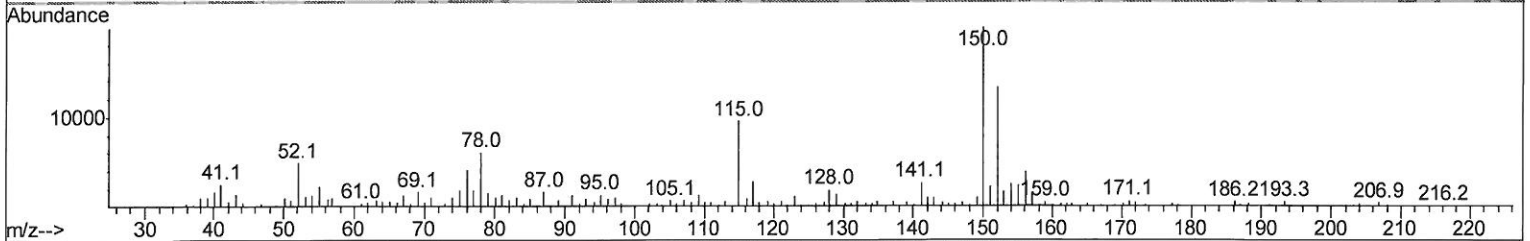
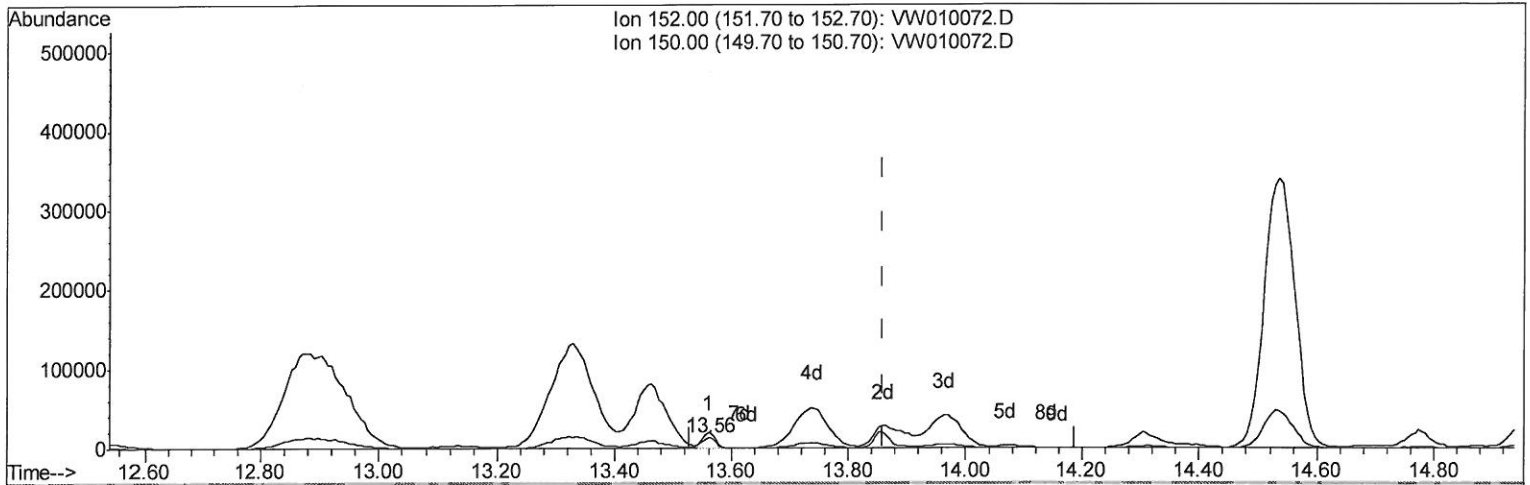
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 Operator : SY/VA
 Sample : K2455-21
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS1

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:07 AM

Quant Time: Apr 20 05:52:42 2019
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 Response via : Initial Calibration



TIC: VW010072.D

(61) 1,2-Dichlorobenzene-d4 (S)

13.560min (-0.299) 24.50ug/L

response 19583

Ion	Exp%	Act%
152.00	100	100
150.00	173.30	149.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

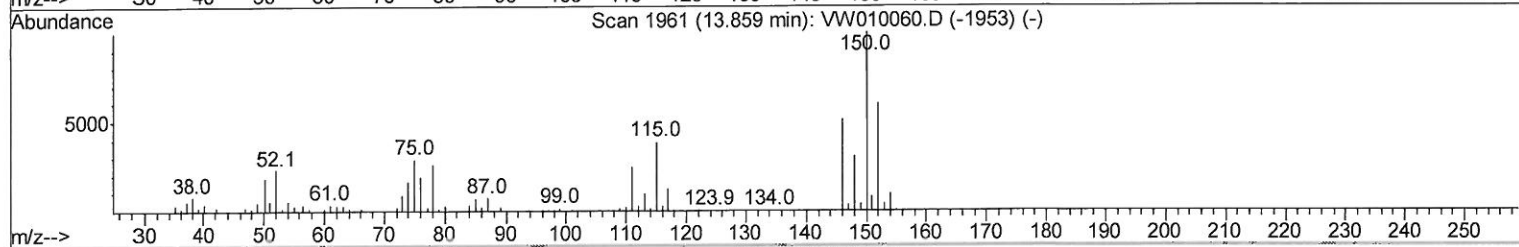
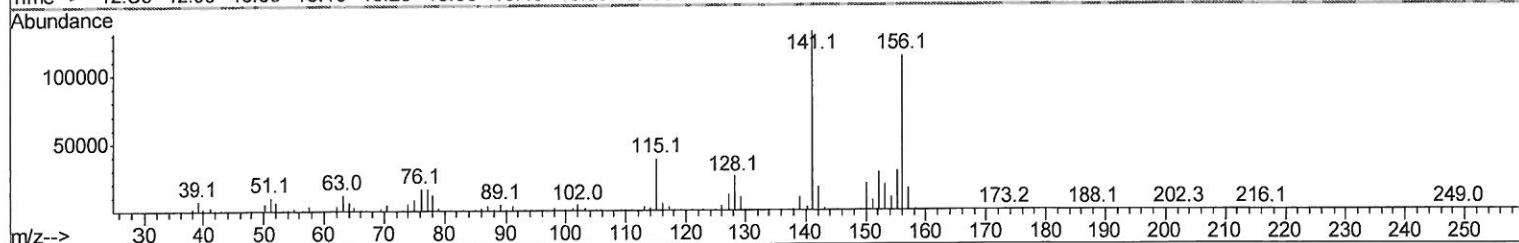
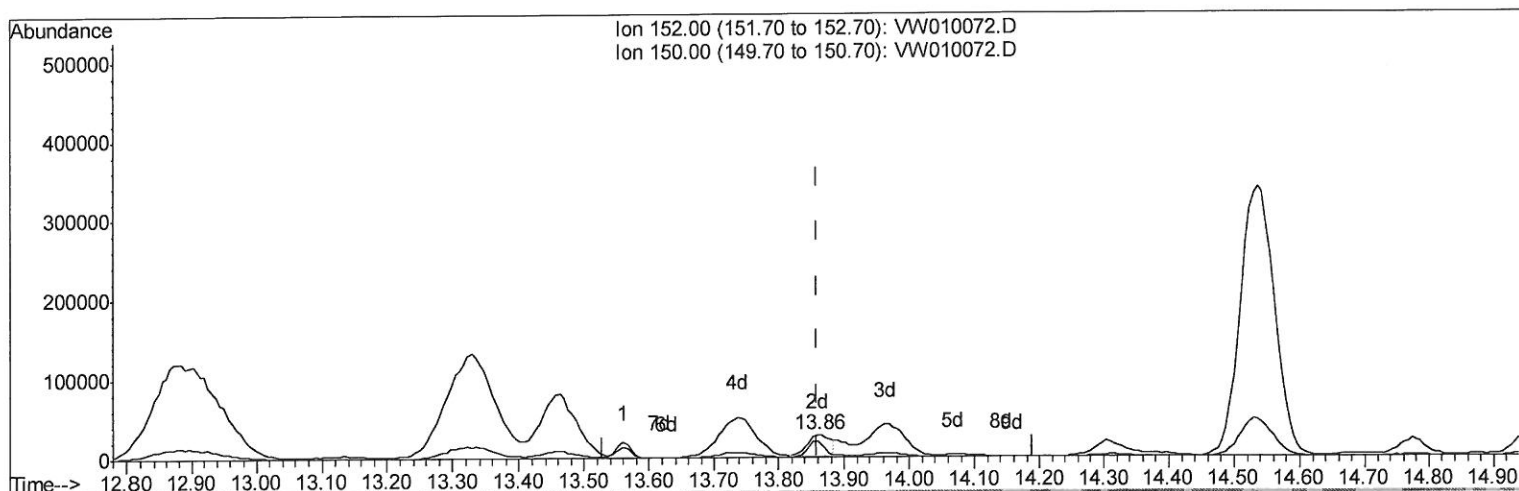
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Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: VW010072.D

(61) 1,2-Dichlorobenzene-d4 (S)

13.859min (+0.000) 81.46ug/L m

response 65108

Ion	Exp%	Act%
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152.00	100	100
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150.00	173.30	45.01#
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0.00	0.00	0.00
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0.00	0.00	0.00
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7 MD
4/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
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 ALS Vial : 1 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	49424	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	53246m	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11118	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
7) Chloroethane-d5	2.88	69	13540	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.48%
10) 1,1-Dichloroethane-d2	4.01	63	24765	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.48%
20) 2-Butanone-d5	7.07	46	10731m	42.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.94%
24) Chloroform-d	7.65	84	33781	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	22379m	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	64453	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.27	67	22707	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	58643	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.59	79	9094	20.58	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	10.93	63	8289	40.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17482	20.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	65108m	81.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	325.84%#

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 4/26/19

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 4/26/19

Target Compounds					Ovalue
16) Methvlene chloride	4.92	84	8681	9.700 ug/L	93
44) Toluene	10.38	91	9430	2.834 ug/L	98
54) m,p-Xylene	11.84	106	2820	2.073 ug/L	85
55) o-xylene	12.17	106	1960	1.502 ug/L	72
56) Styrene	12.18	104	5500	2.408 ug/L	98

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