

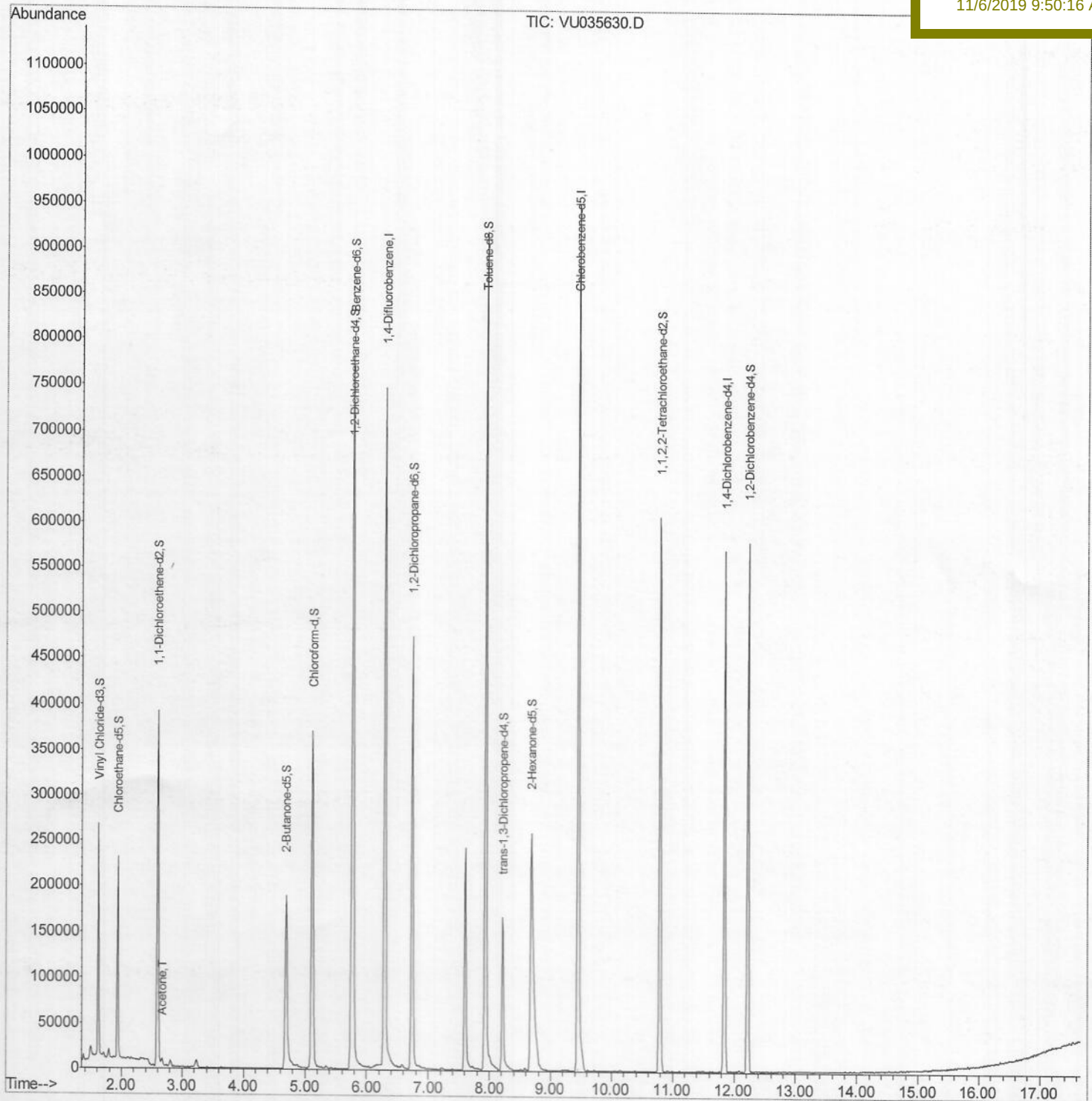
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110519\
Data File : VU035630.D
Acq On : 05 Nov 2019 15:01
Operator : JC/SP
Sample : K5679-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 06 05:54:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 03:03:41 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0CM5

Manual Integrations
APPROVED

MMDadoda
11/6/2019 9:50:16 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110519\

Data File : VU035630.D

Acq On : 05 Nov 2019 15:01

Operator : JC/SP

Sample : K5679-02

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 06 03:07:16 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 06 03:03:41 2019

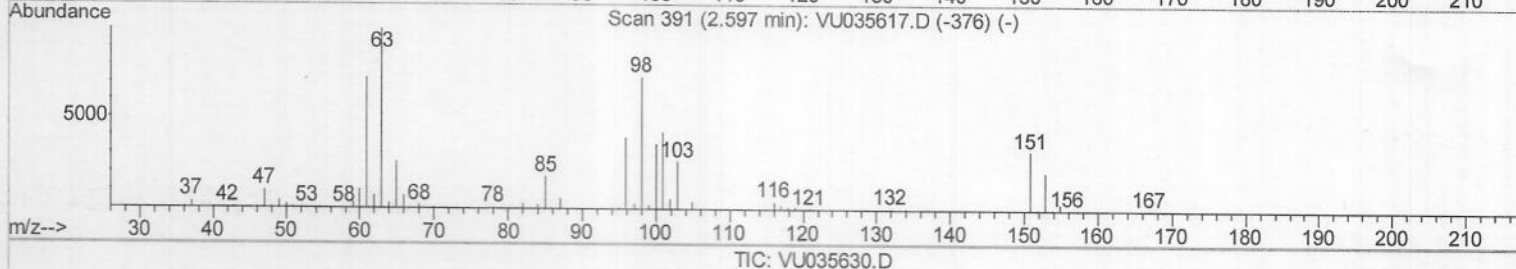
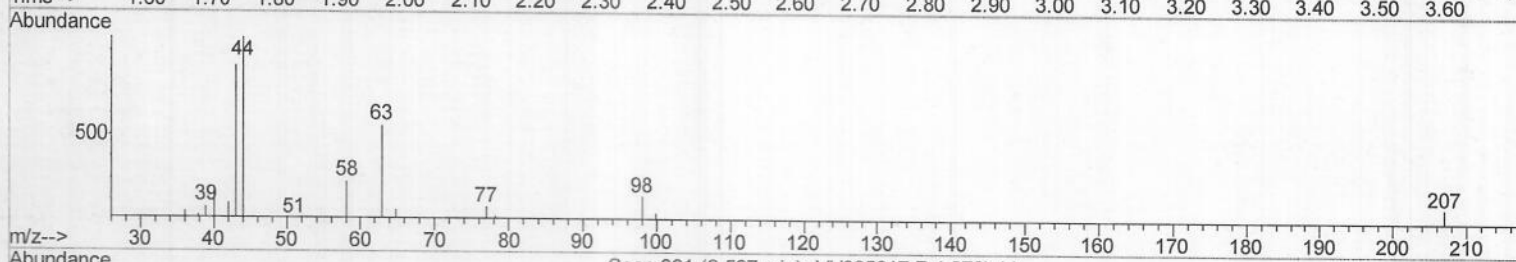
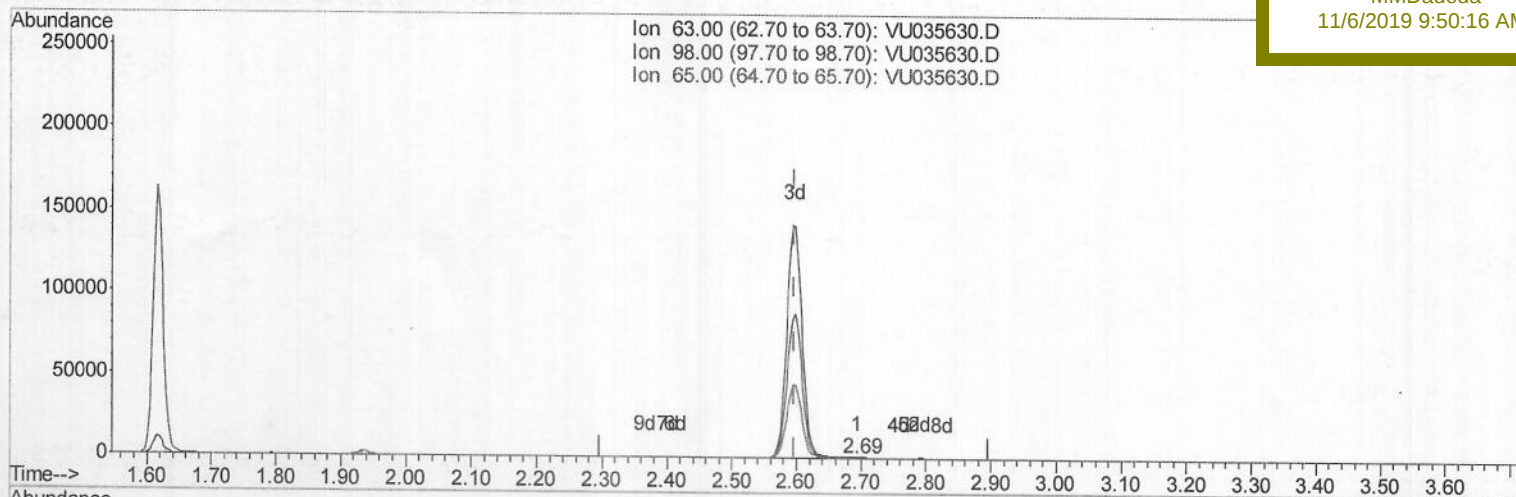
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

C0CM5

Manual Integrations
APPROVEDMMDadoda
11/6/2019 9:50:16 AM

TIC: VU035630.D

(11) 1,1-Dichloroethene-d2 (S)

2.694min (+0.097) 0.03ug/L

response 224

Ion	Exp%	Act%
63.00	100	100
98.00	74.50	66.07
65.00	23.70	20.98
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110519\

Data File : VU035630.D

Acq On : 05 Nov 2019 15:01

Operator : JC/SP

Sample : K5679-02

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 06 03:07:16 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 06 03:03:41 2019

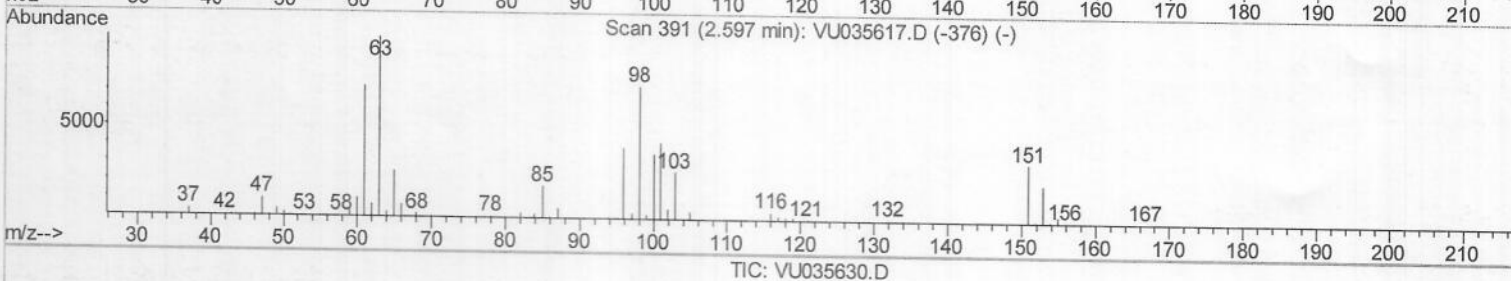
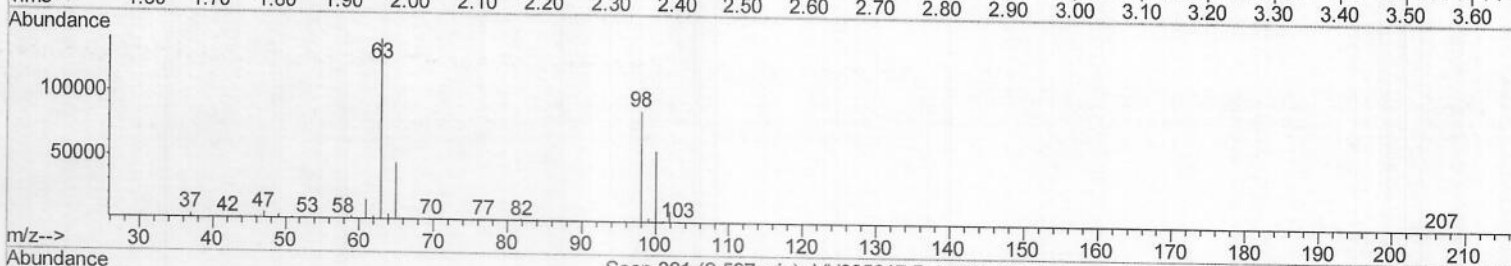
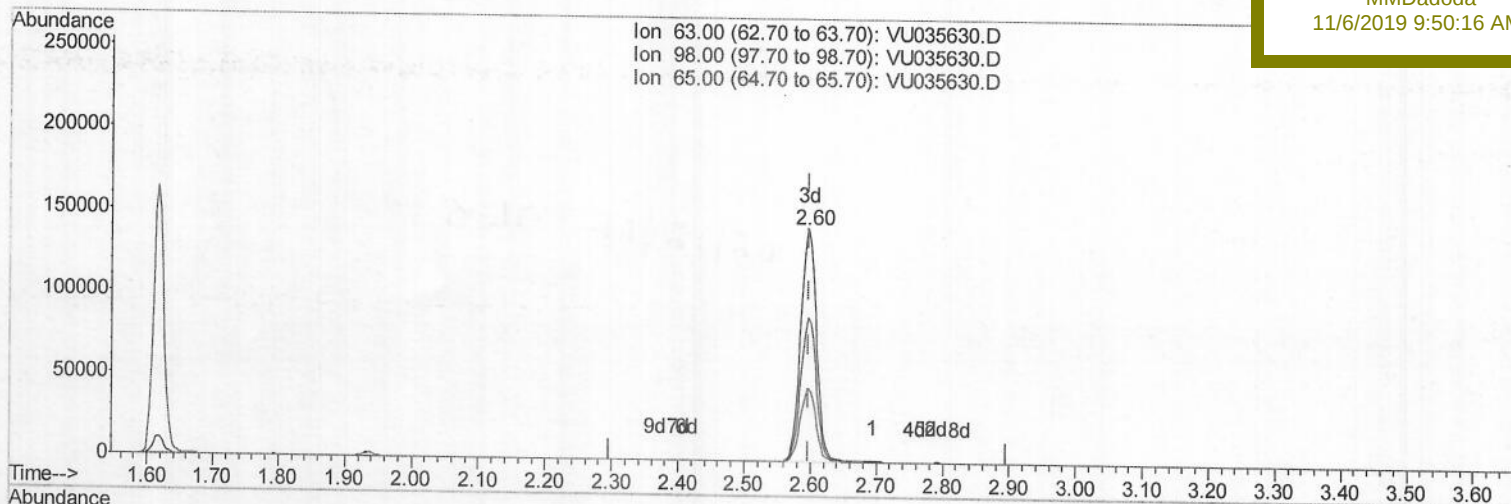
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

C0CM5

Manual Integrations
APPROVEDMMDadoda
11/6/2019 9:50:16 AM

(11) 1,1-Dichloroethene-d2 (S)

2.597min (+0.000) 29.23ug/L m

response 234960

Ion	Exp%	Act%
63.00	100	100
98.00	74.50	0.06#
65.00	23.70	0.02#
0.00	0.00	0.00

MD
11/15/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110519\

Data File : VU035630.D

Acq On : 05 Nov 2019 15:01

Operator : JC/SP

Sample : K5679-02

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 06 05:54:00 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 06 03:03:41 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

C0CM5

Manual Integrations

APPROVED

MMDadoda

11/6/2019 9:50:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	639880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	625266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	178620	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	178006	34.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.88%		
7) Chloroethane-d5	1.93	69	164760	39.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.84%		
11) 1,1-Dichloroethene-d2	2.60	63	234960m	29.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.46%#		
21) 2-Butanone-d5	4.69	46	275865	91.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.38%		
24) Chloroform-d	5.11	84	354643	44.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.86%		
26) 1,2-Dichloroethane-d4	5.75	65	222328	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.94%		
32) Benzene-d6	5.77	84	727540	44.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.28%		
36) 1,2-Dichloropropane-d6	6.74	67	244905	46.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.68%		
41) Toluene-d8	7.93	98	649347	42.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.48%		
43) trans-1,3-Dichloropropene-	8.21	79	105231	43.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.44%		
47) 2-Hexanone-d5	8.68	63	170835	84.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.33%		
57) 1,1,2,2-Tetrachloroethane-	10.79	84	330089	43.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.84%		
64) 1,2-Dichlorobenzene-d4	12.22	152	174675	48.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.96%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	7547	2.841	ug/L	99

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