

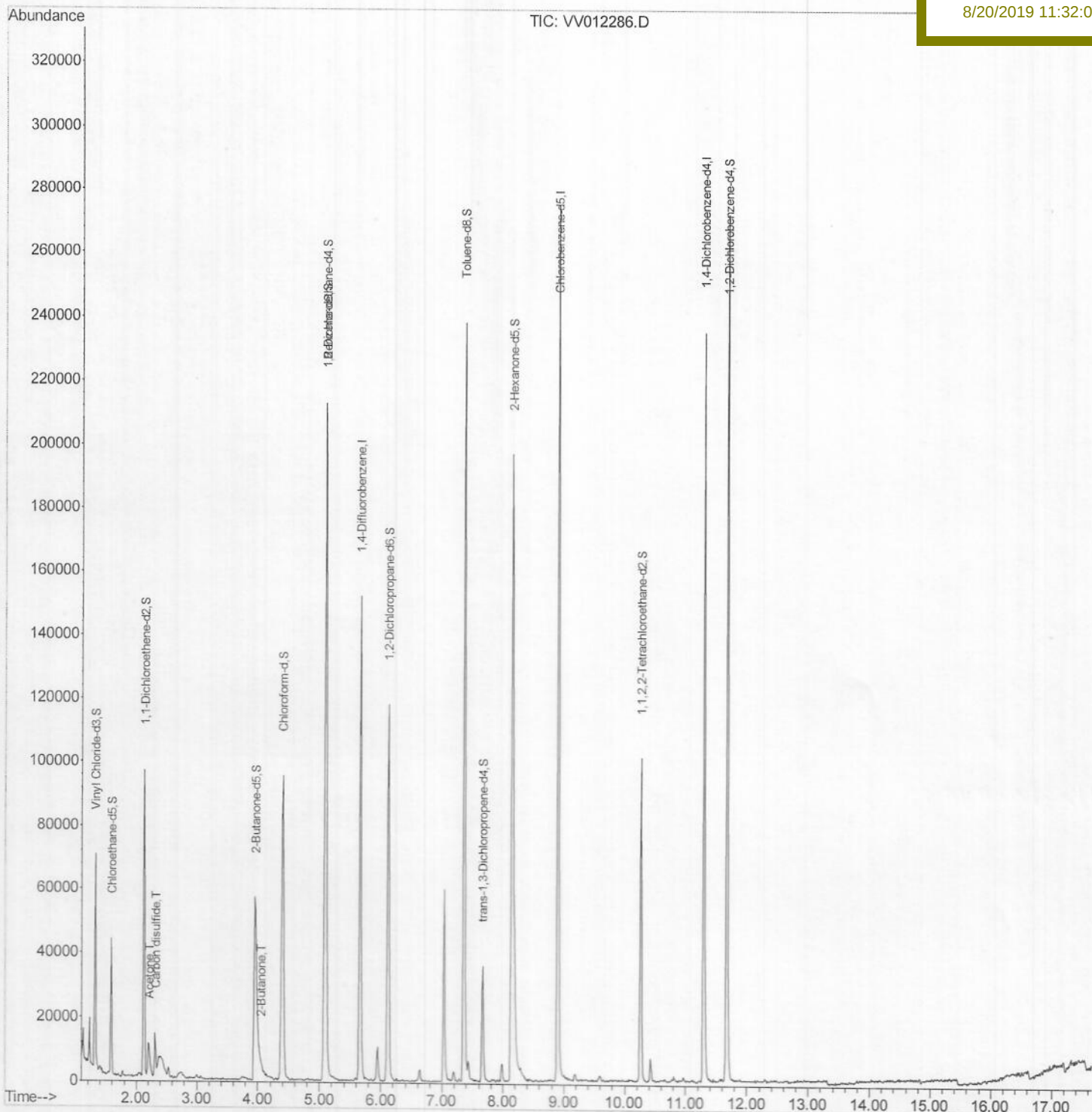
Data File : VV012286.D
Acq On : 19 Aug 2019 19:28
Operator : SY/MD
Sample : K4395-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 02:57:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
C0AJ0

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:03 AM



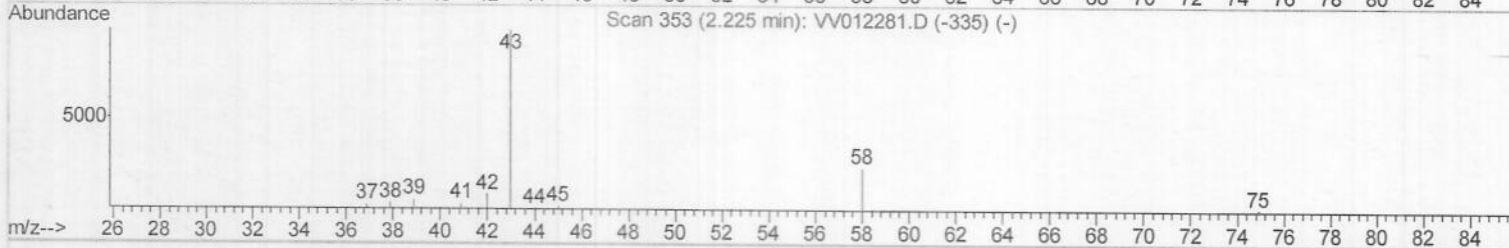
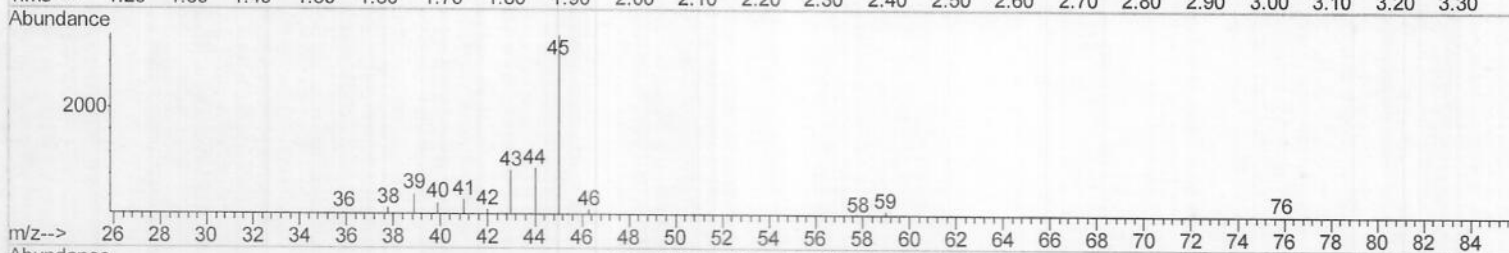
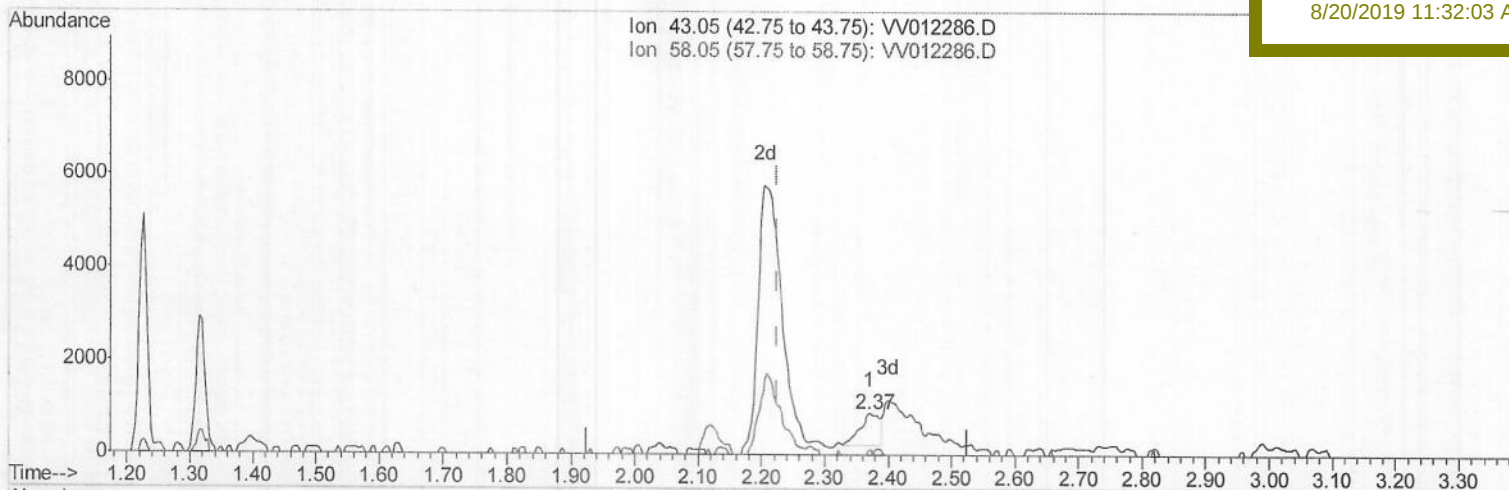
Data File : VV012286.D
Acq On : 19 Aug 2019 19:28
Operator : SY/MD
Sample : K4395-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 02:38:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:03 AM



(13) Acetone (T)

2.370min (+0.145) 1.58ug/L

response 1485

Ion	Exp%	Act%
43.05	100	100
58.05	12.80	13.06
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV012286.D

Acq On : 19 Aug 2019 19:28

Operator : SY/MD

Sample : K4395-07

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 02:38:42 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Aug 20 02:35:23 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

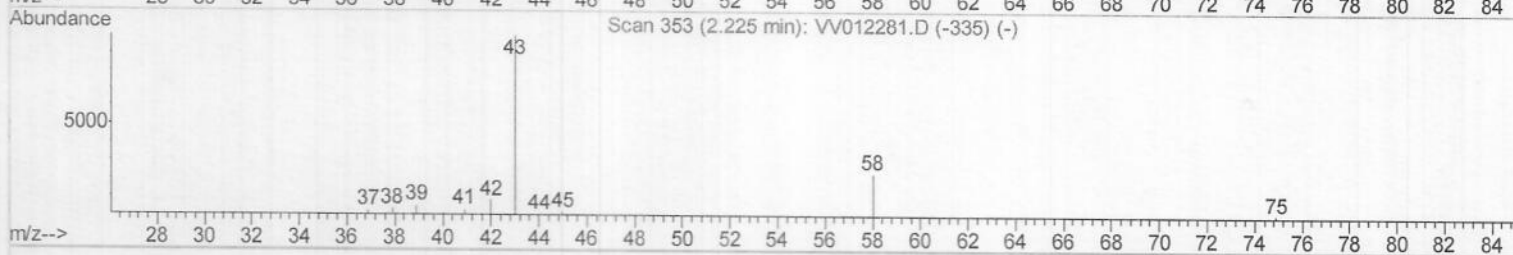
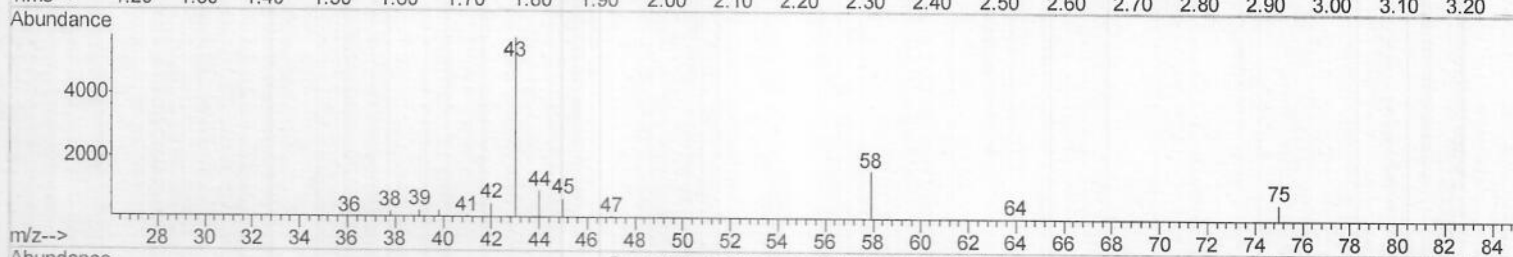
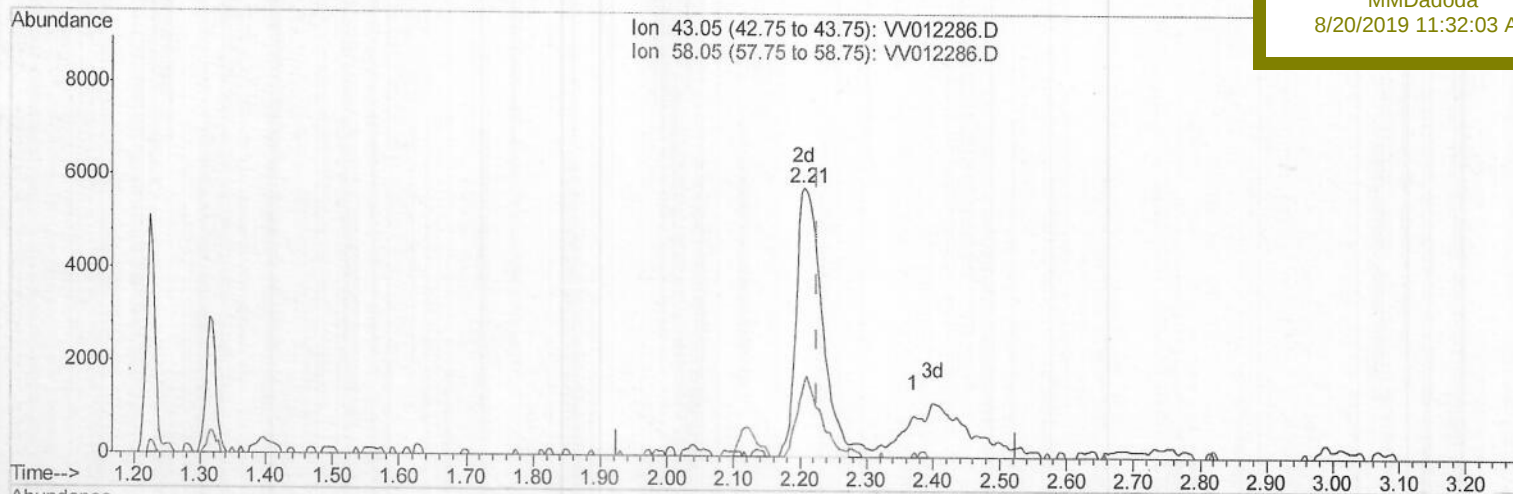
C0AJ0

Manual Integrations

APPROVED

MMDadoda

8/20/2019 11:32:03 AM



TIC: VV012286.D

(13) Acetone (T)

2.206min (-0.019) 16.42ug/L m) M08128119

response 15421

Ion	Exp%	Act%
43.05	100	100
58.05	12.80	1.26
0.00	0.00	0.00
0.00	0.00	0.00

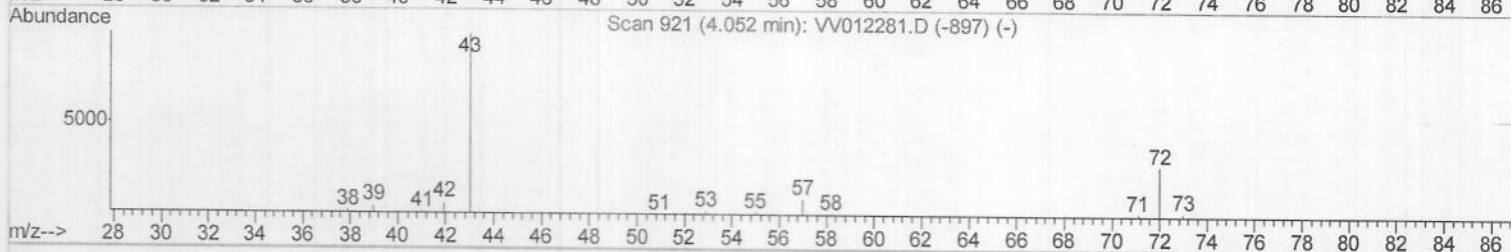
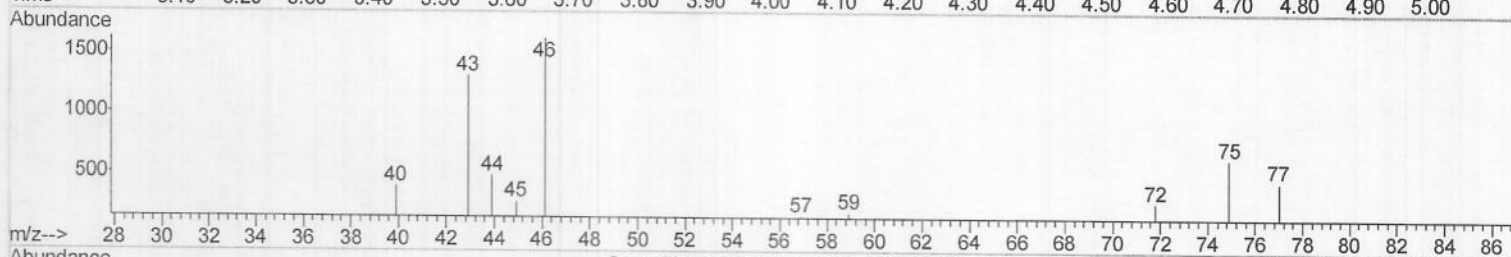
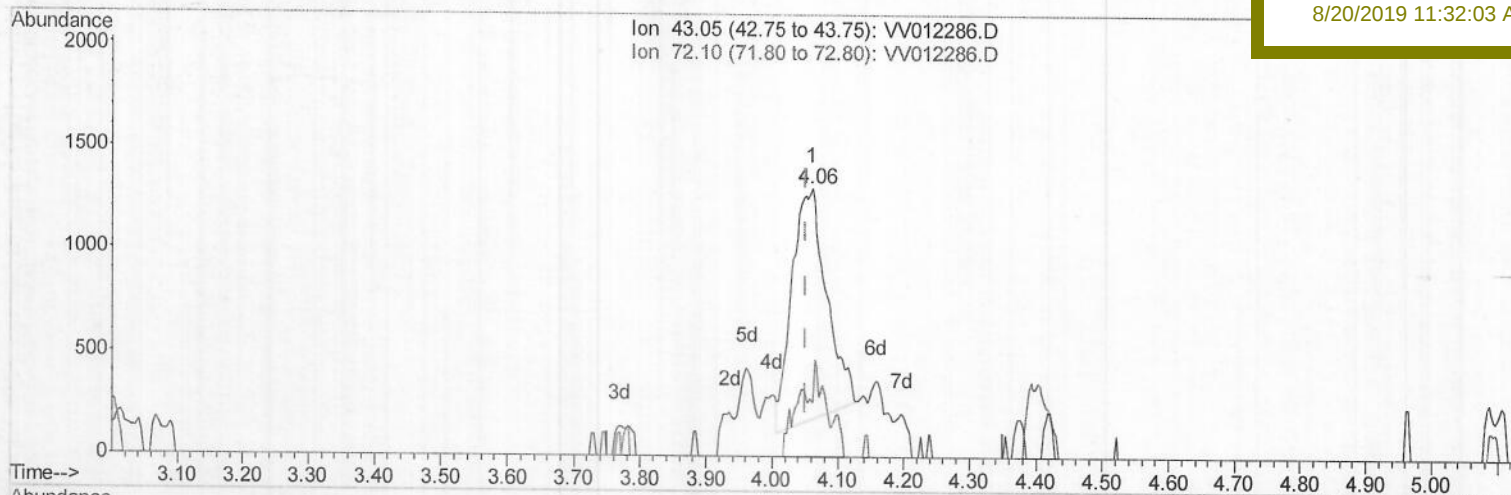
Data File : VV012286.D
Acq On : 19 Aug 2019 19:28
Operator : SY/MD
Sample : K4395-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 02:38:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:03 AM



TIC: VV012286.D

(21) 2-Butanone (T)

4.061min (+0.010) 2.31ug/L

response 4116

Ion	Exp%	Act%
43.05	100	100
72.10	29.60	15.06
0.00	0.00	0.00
0.00	0.00	0.00

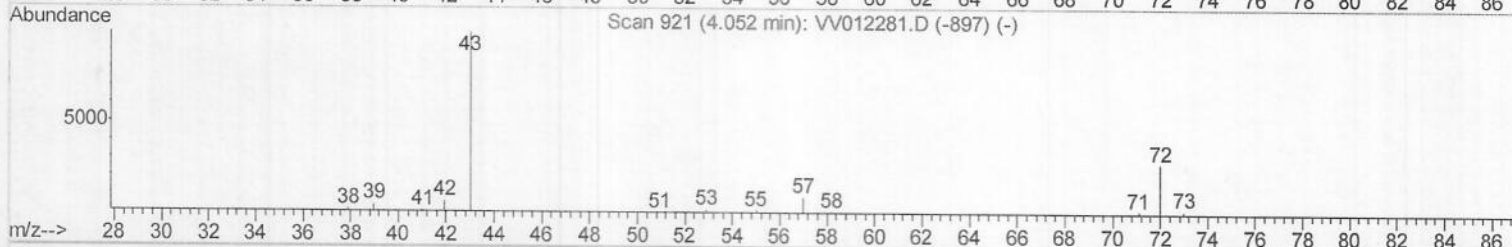
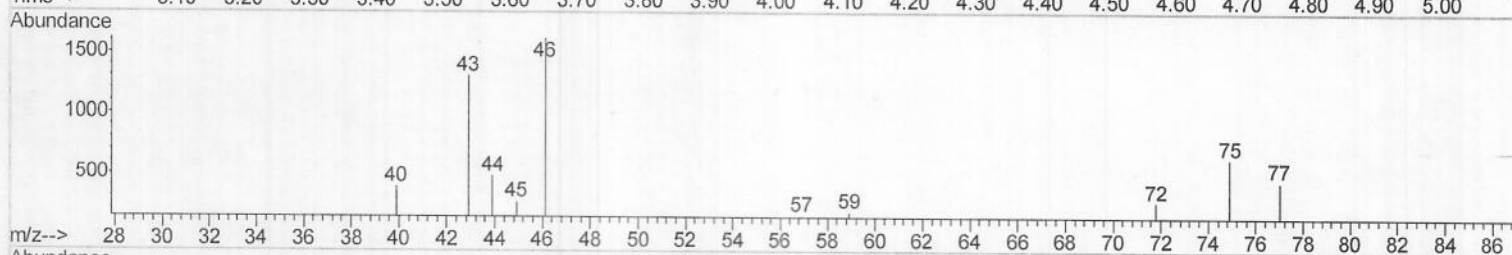
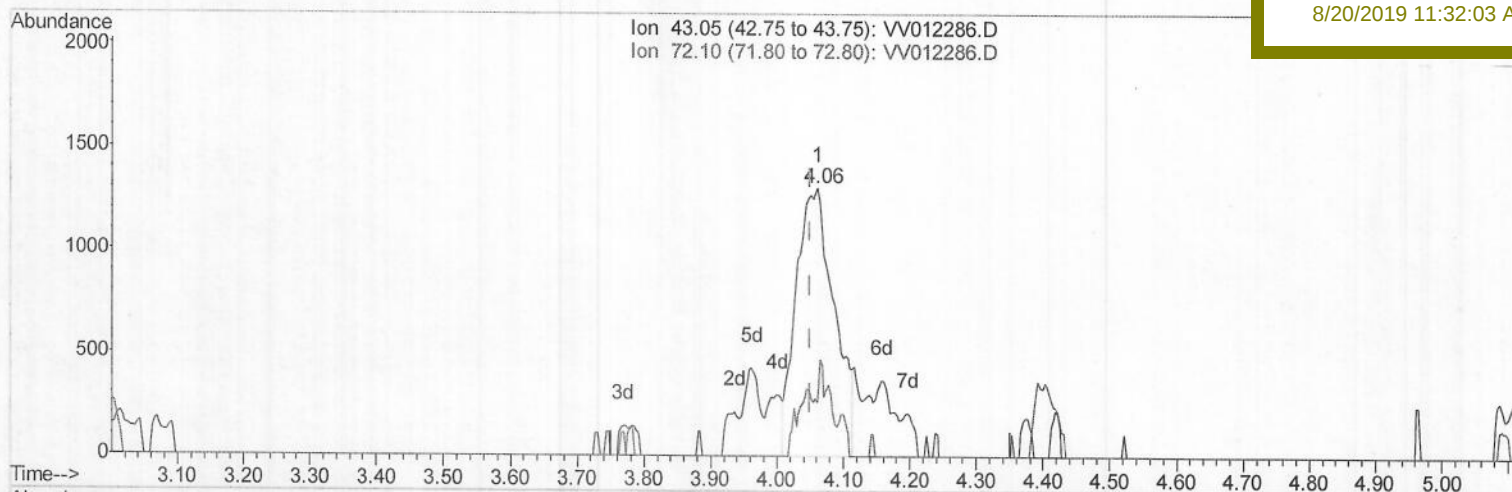
Data File : VV012286.D
Acq On : 19 Aug 2019 19:28
Operator : SY/MD
Sample : K4395-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 02:38:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:03 AM



TIC: VV012286.D

(21) 2-Butanone (T)

4.061min (+0.010) 2.91ug/L m) MD 08/28/19

response 5183

Ion	Exp%	Act%
43.05	100	100
72.10	29.60	11.96#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV012286.D
 Acq On : 19 Aug 2019 19:28
 Operator : SY/MD
 Sample : K4395-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 02:57:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 11:32:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	130316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37435	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.58	69	25358	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	48646	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	108806	60.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	4.40	84	96447	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.08	65	49134	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	186143	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	54265	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	162068	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	21826	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	68079	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47204	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	75863	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

				Qvalue
13) Acetone	2.21	43	15421m	16.421 ug/L
14) Carbon disulfide	2.32	76	14096	0.849 ug/L
21) 2-Butanone	4.06	43	5183m	2.909 ug/L

97} MD 08/28/19

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