

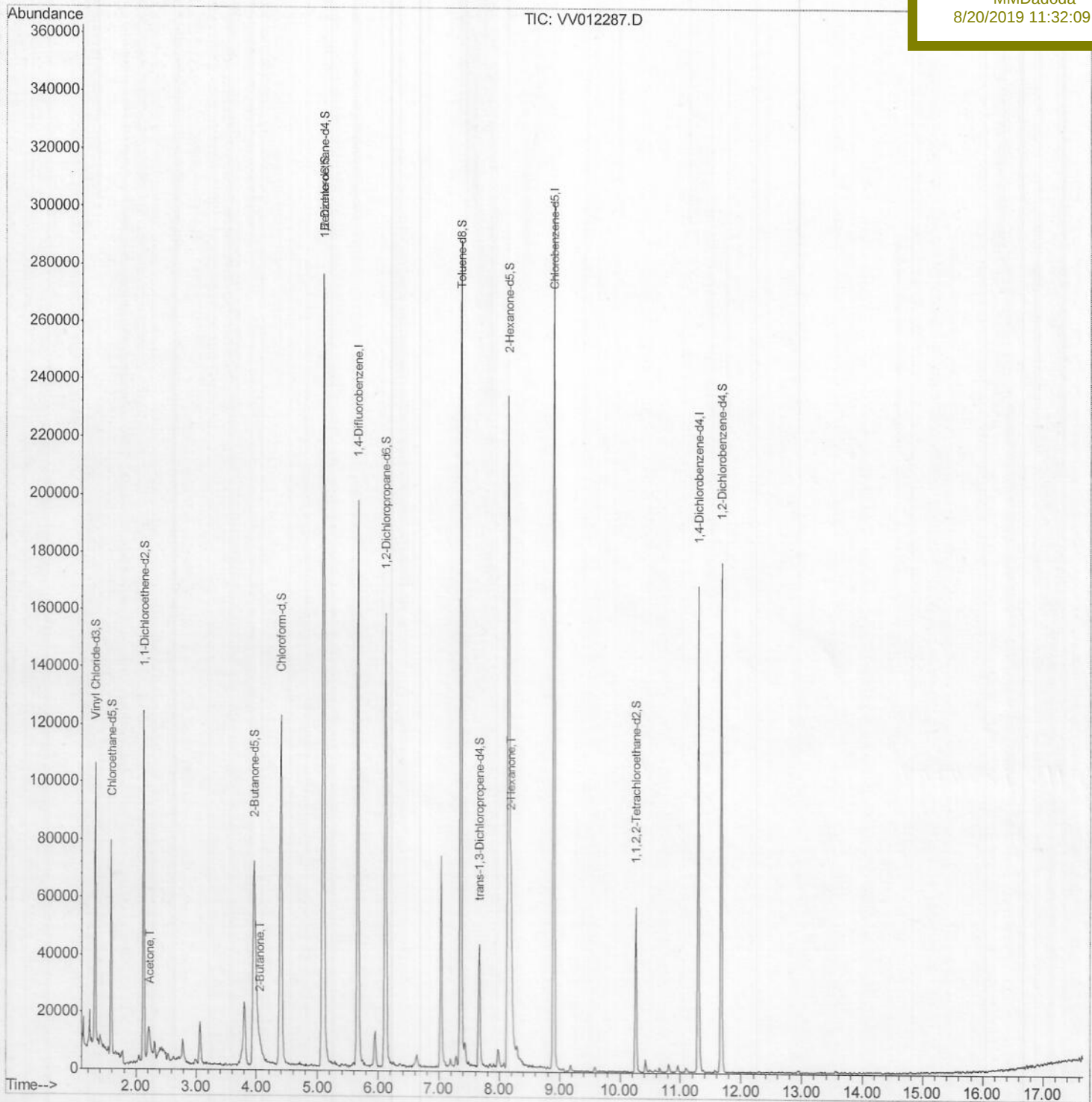
Data File : VV012287.D
Acq On : 19 Aug 2019 19:56
Operator : SY/MD
Sample : K4395-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 03:02:31 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 :
C0AJ6

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:09 AM



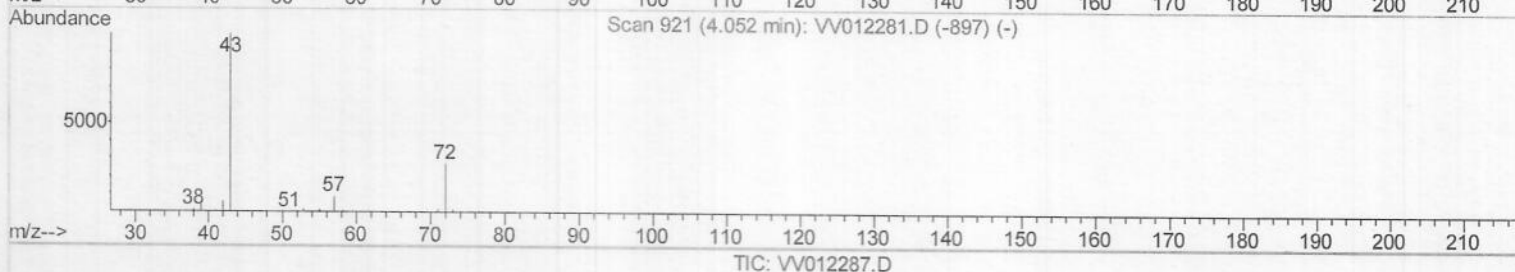
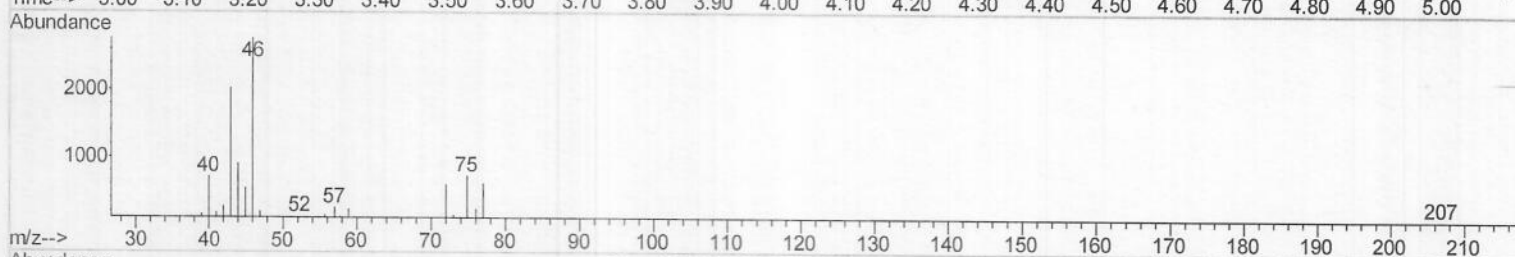
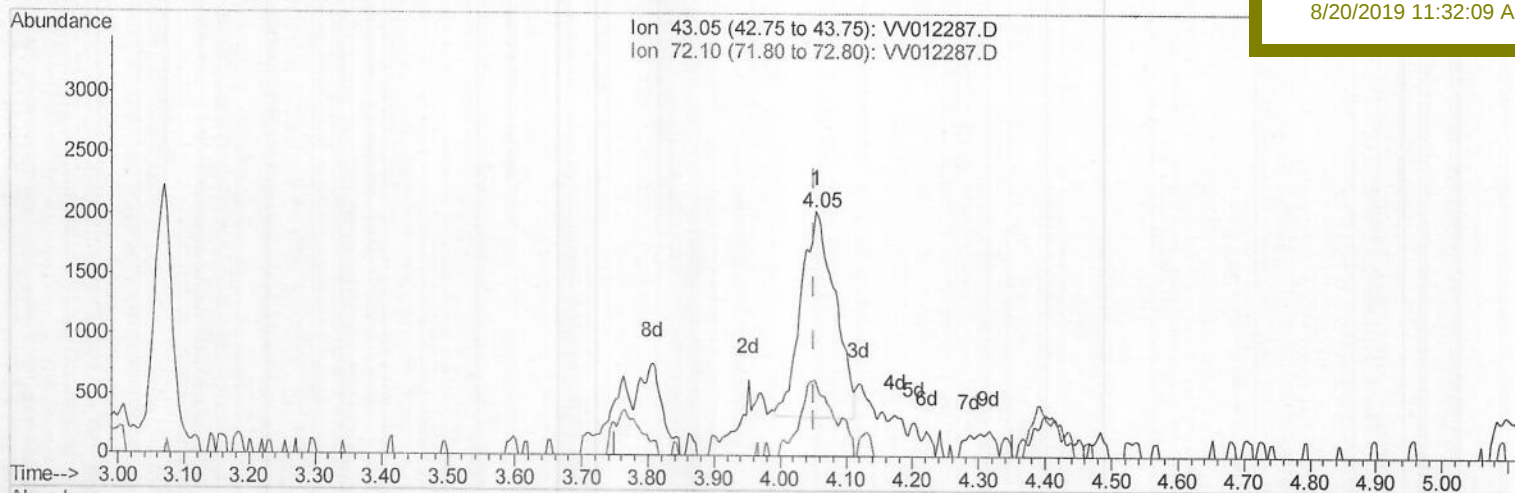
Data File : VV012287.D
Acq On : 19 Aug 2019 19:56
Operator : SY/MD
Sample : K4395-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ6

Quant Time: Aug 20 02:38:52 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

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:09 AM



TIC: VV012287.D

(21) 2-Butanone (T)

4.055min (+0.003) 2.63ug/L

response 6108

Ion	Exp%	Act%
43.05	100	100
72.10	29.60	30.42
0.00	0.00	0.00
0.00	0.00	0.00

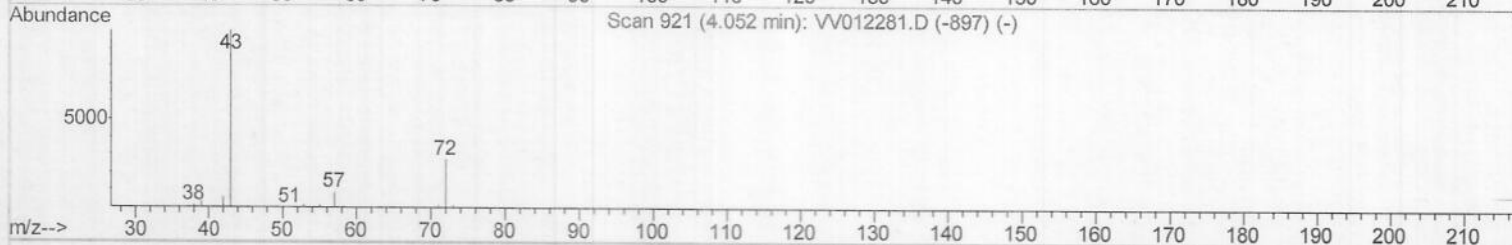
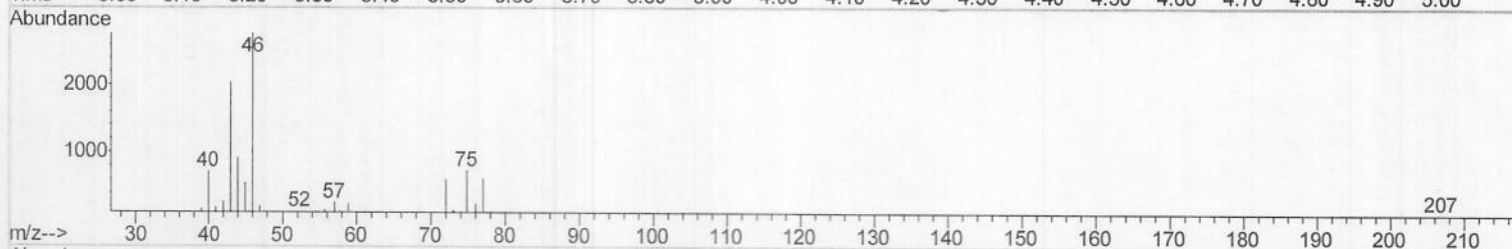
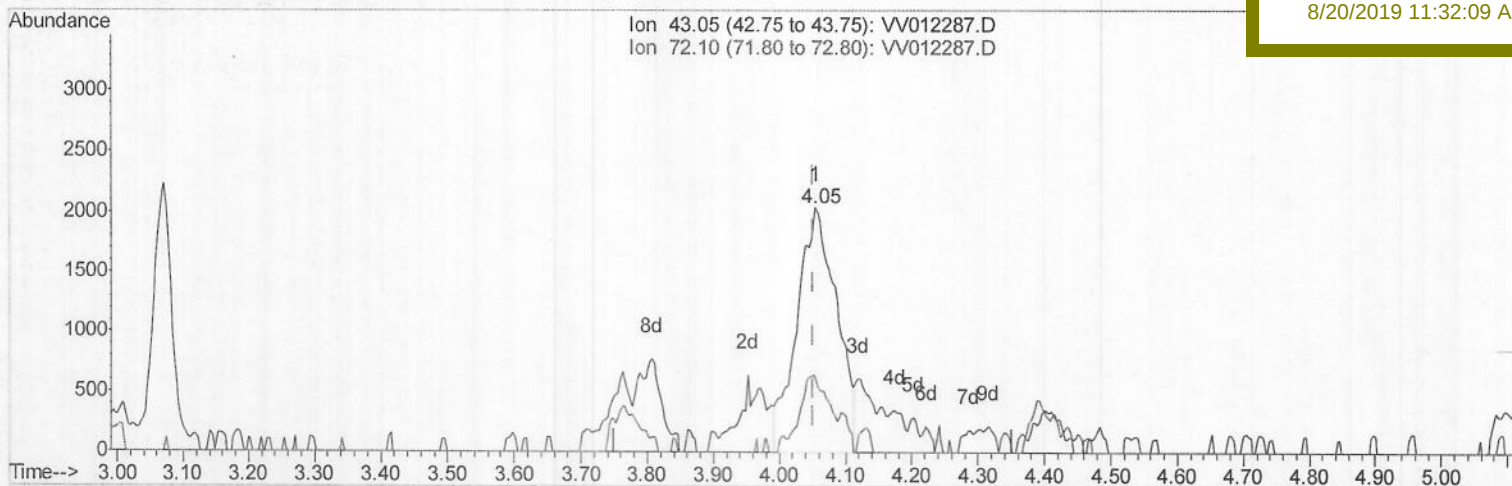
Data File : VV012287.D
Acq On : 19 Aug 2019 19:56
Operator : SY/MD
Sample : K4395-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 02:38:52 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 :
C0AJ6

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:09 AM



TIC: VV012287.D

(21) 2-Butanone (T)

4.055min (+0.003) 3.66ug/L m) MD 08/28/19

response 8513

Ion	Exp%	Act%
43.05	100	100
72.10	29.60	21.83
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV012287.D
Acq On : 19 Aug 2019 19:56
Operator : SY/MD
Sample : K4395-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 03:02:31 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 :
C0AJ6

Manual Integrations
APPROVED

MMDadoda
8/20/2019 11:32:09 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	170004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55162	6.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.00%
7) Chloroethane-d5	1.58	69	47134	7.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	148.60%#
11) 1,1-Dichloroethene-d2	2.13	63	61390	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.96	46	156536	66.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.68%#
24) Chloroform-d	4.40	84	120999	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	62226	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	237681	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.12	67	73798	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.60%
41) Toluene-d8	7.36	98	189437	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	24843	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	79456	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25415	2.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	53.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	50434	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Qvalue	
13) Acetone	2.22	43	20485	16.721 ug/L	#	60
21) 2-Butanone	4.05	43	8513m)	3.662 ug/L		
48) 2-Hexanone	8.19	43	42290	10.399 ug/L	#	84

) MD 08/28/19

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