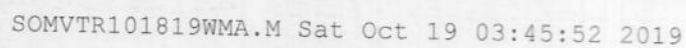


Data File : VV013198.D
Acq On : 18 Oct 2019 11:13
Operator : SY/MD
Sample : VSTD00137
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00137

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10/21/2019 12:06:13 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Quantitation Report (Qedit)

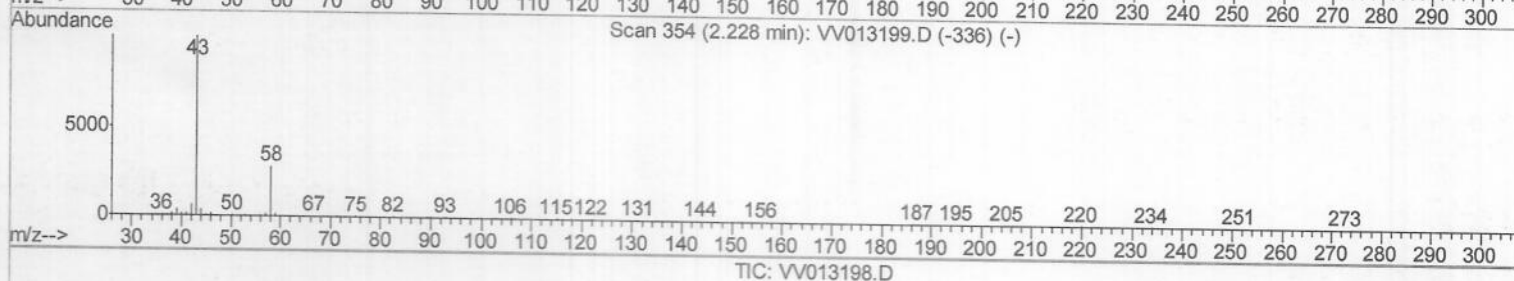
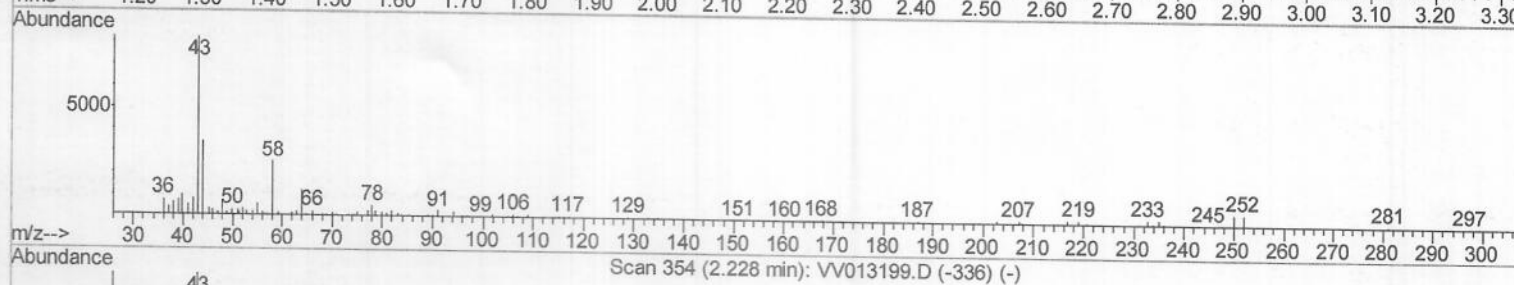
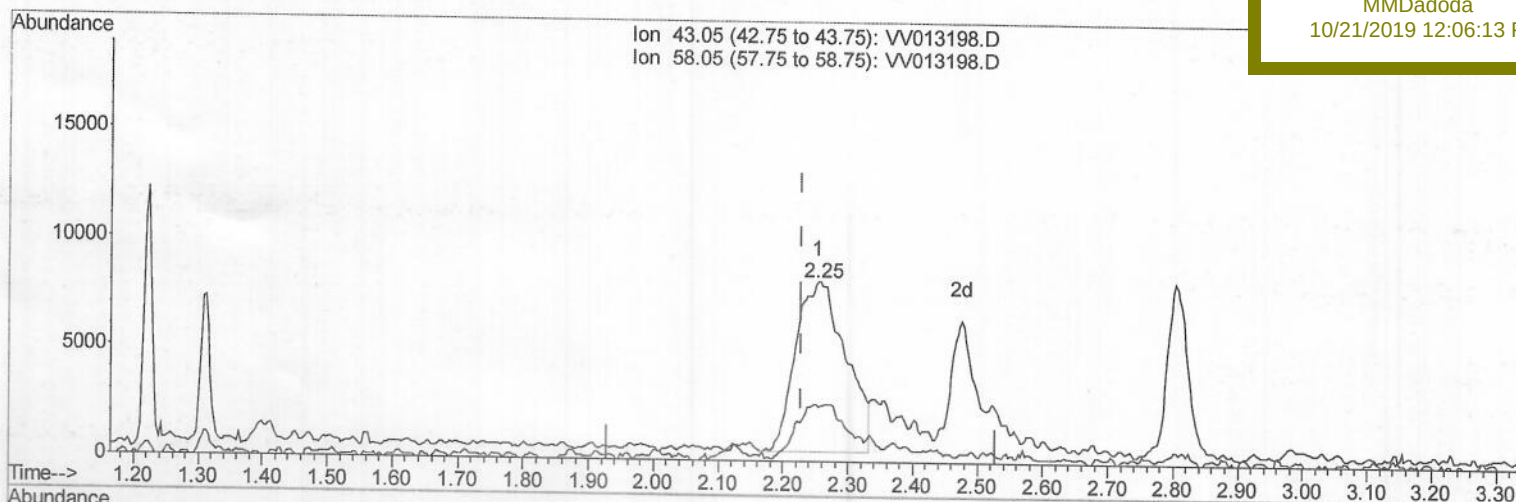
Data File : VV013198.D
Acq On : 18 Oct 2019 11:13
Operator : SY/MD
Sample : VSTD00137
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 03:51:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 15:14:25 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00137

Manual Integrations
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(13) Acetone (T)

2.254min (+0.026) 9.06ug/L

response 42199

Ion	Exp%	Act%
43.05	100	100
58.05	26.20	14.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Data File : VV013198.D

Acq On : 18 Oct 2019 11:13

Operator : SY/MD

Sample : VSTD00137

Misc : 25.00ML/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:02:20 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Oct 18 11:59:26 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

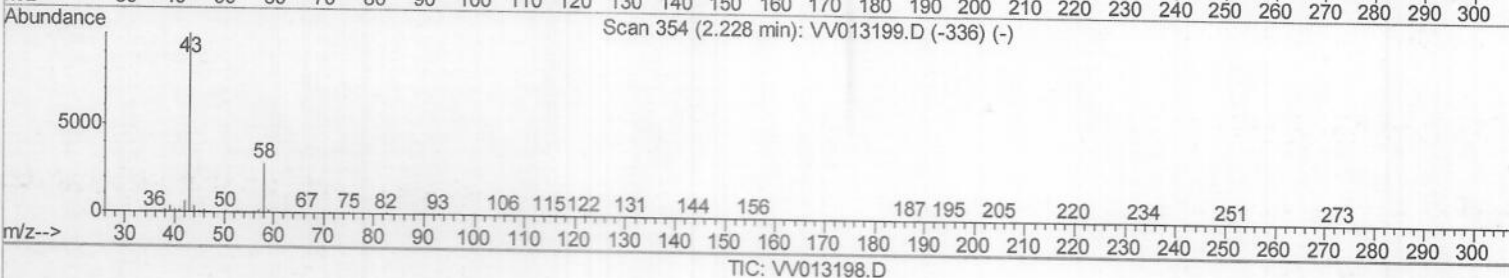
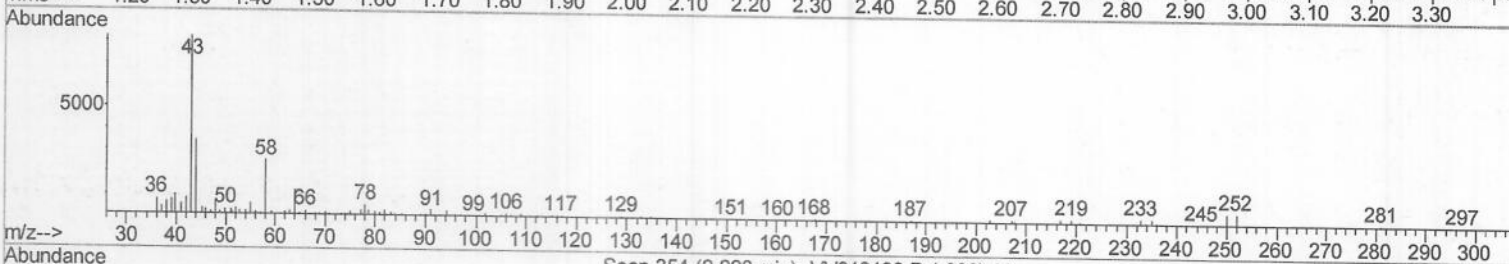
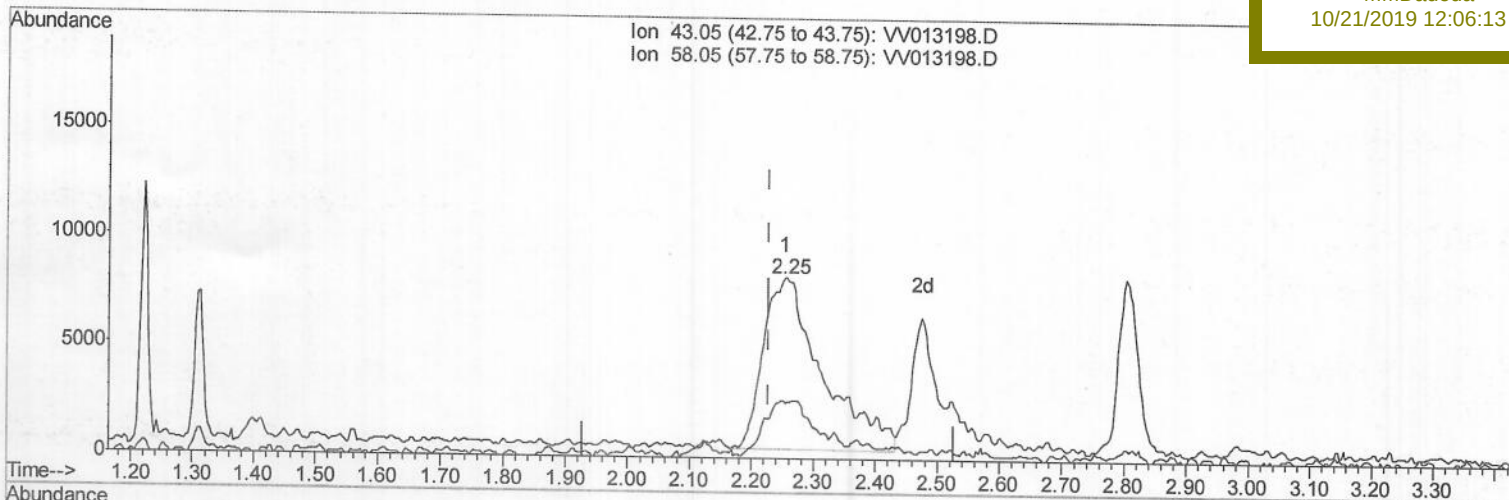
VSTD00137

Manual Integrations

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(13) Acetone (T)

2.254min (+0.026) 10.42ug/L m

response 52033

Ion Exp% Act%

43.05 100 100

58.05 26.20 11.35

0.00 0.00 0.00

0.00 0.00 0.00

> MD
10/21/19

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Data File : VV013198.D

Acq On : 18 Oct 2019 11:13

Operator : SY/MD

Sample : VSTD00137

Misc : 25.00ML/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:02:20 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Oct 18 11:59:26 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

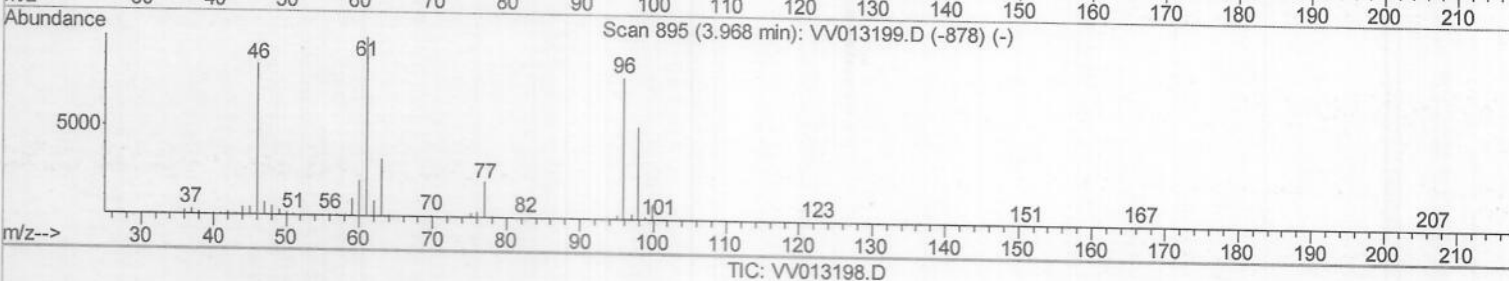
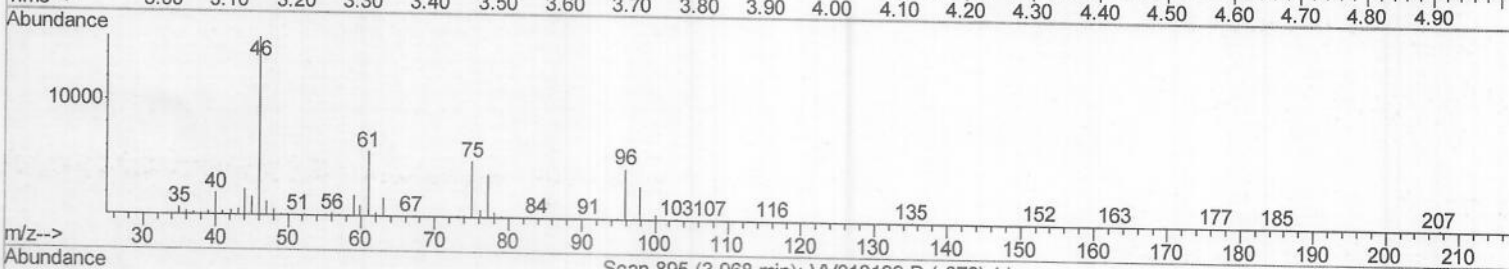
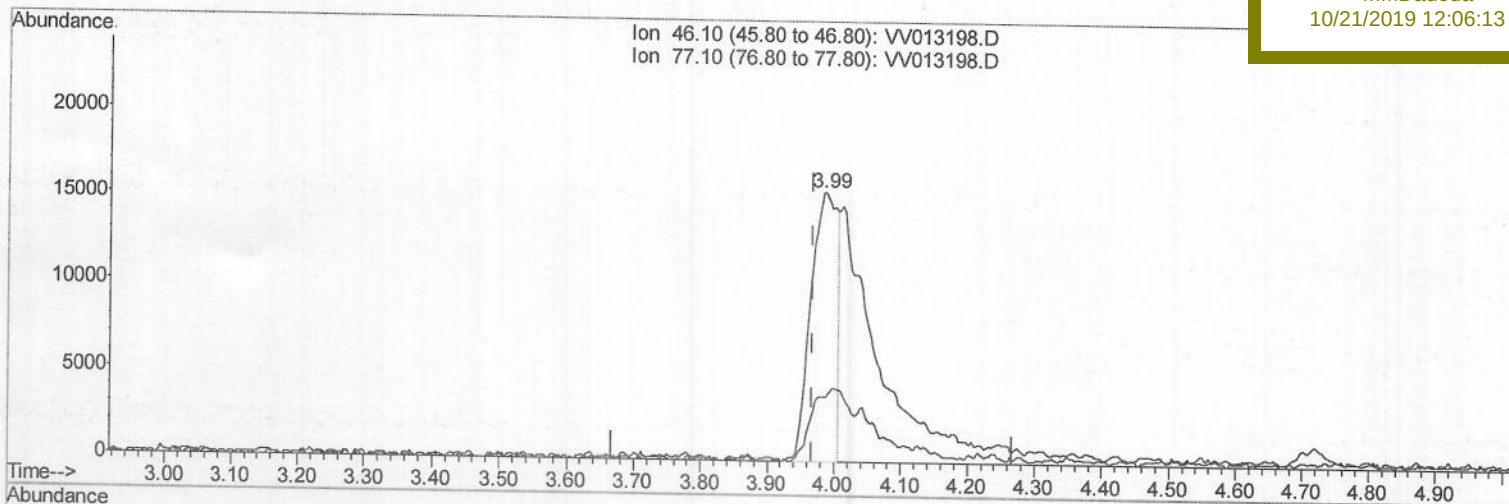
VSTD00137

Manual Integrations

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(20) 2-Butanone-d5 (S)

3.987min (+0.019) 4.45ug/L

response 42983

Ion	Exp%	Act%
46.10	100	100
77.10	20.60	38.09#
0.00	0.00	0.00
0.00	0.00	0.00

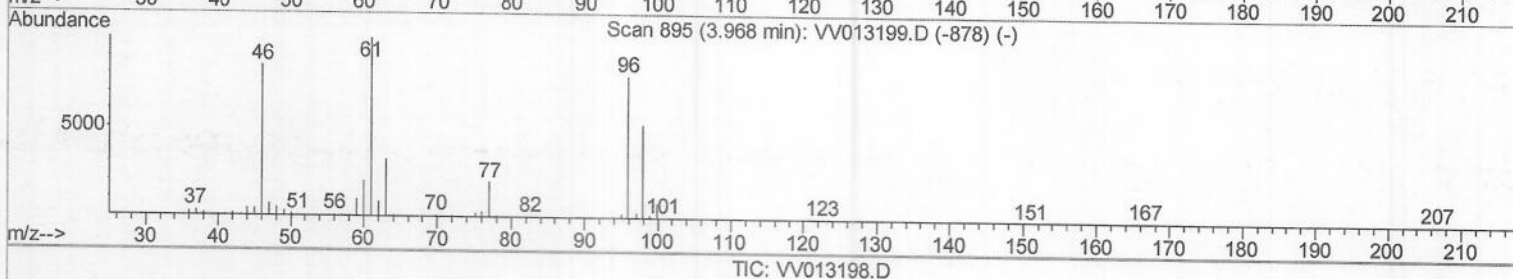
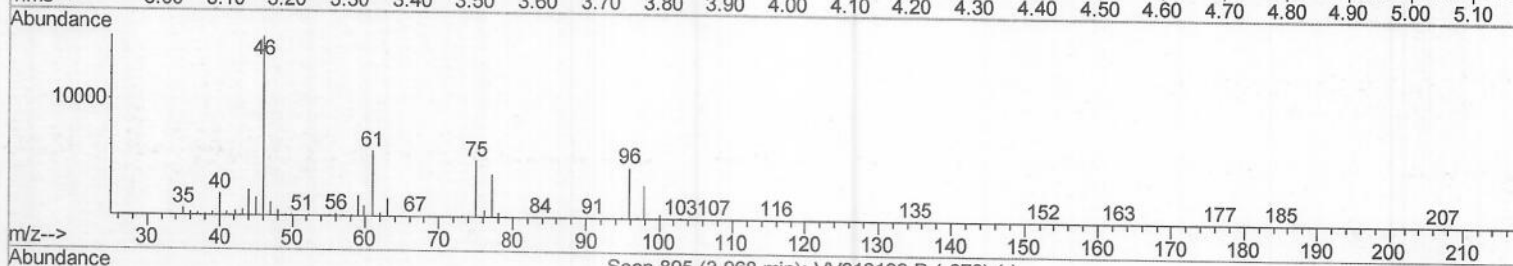
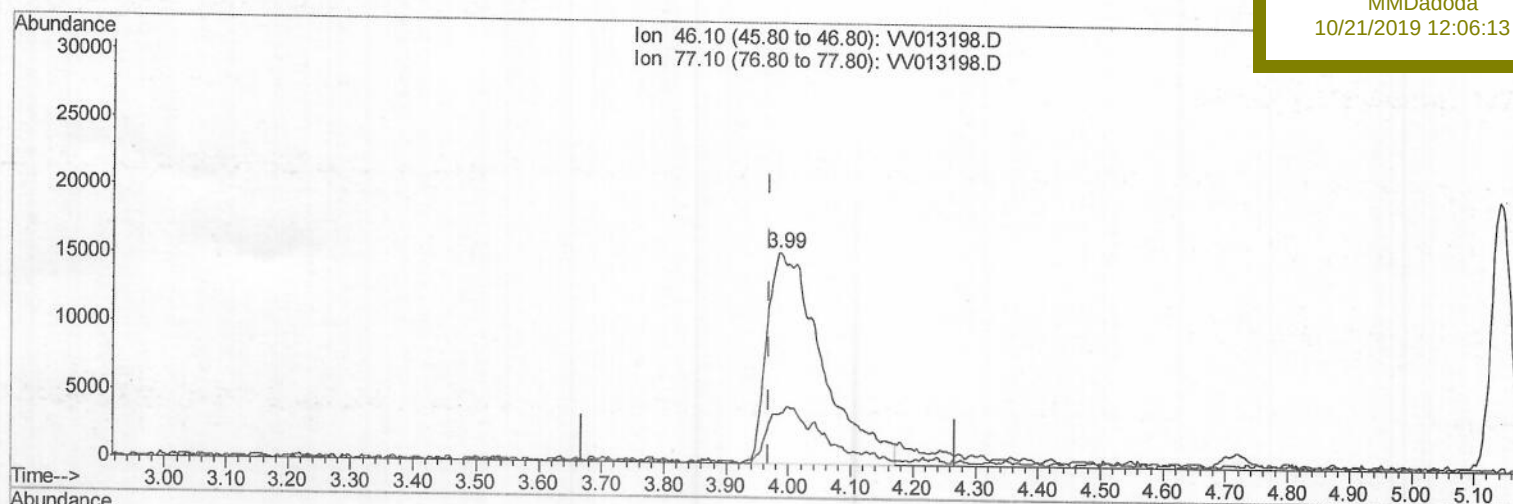
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013198.D
Acq On : 18 Oct 2019 11:13
Operator : SY/MD
Sample : VSTD00137
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:02:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 11:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00137

Manual Integrations
APPROVED

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(20) 2-Butanone-d5 (S)

3.987min (+0.019) 10.00ug/L m

response 96610

Ion	Exp%	Act%
46.10	100	100
77.10	20.60	16.95
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

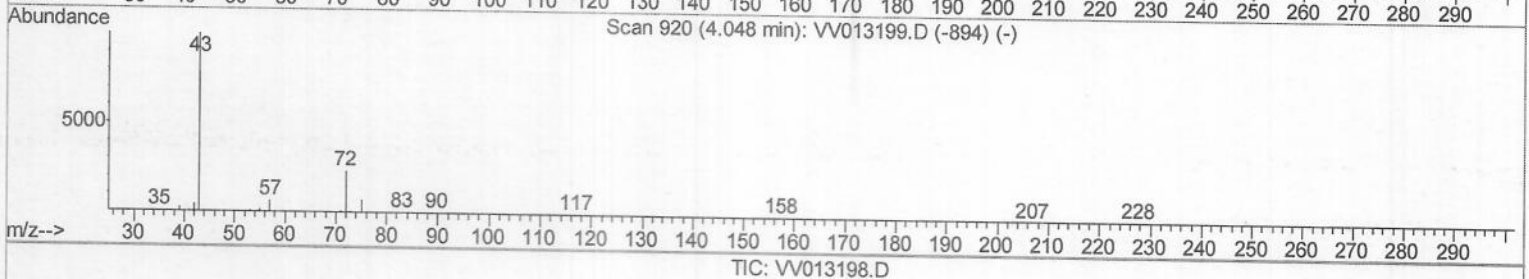
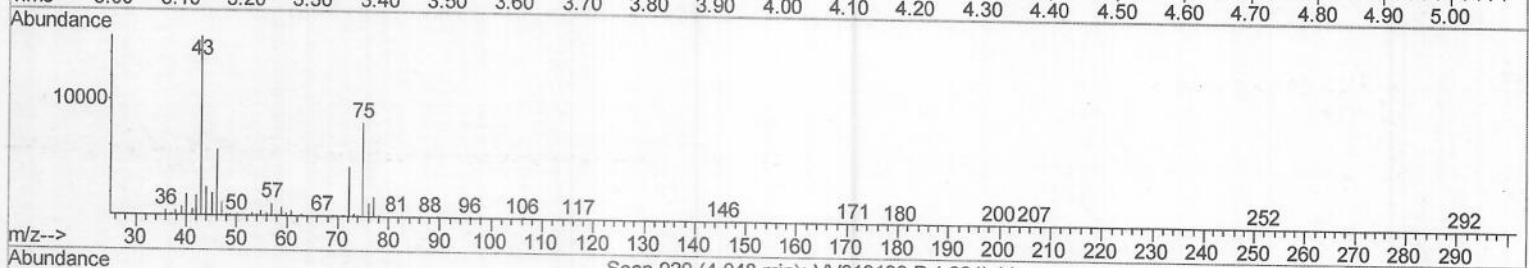
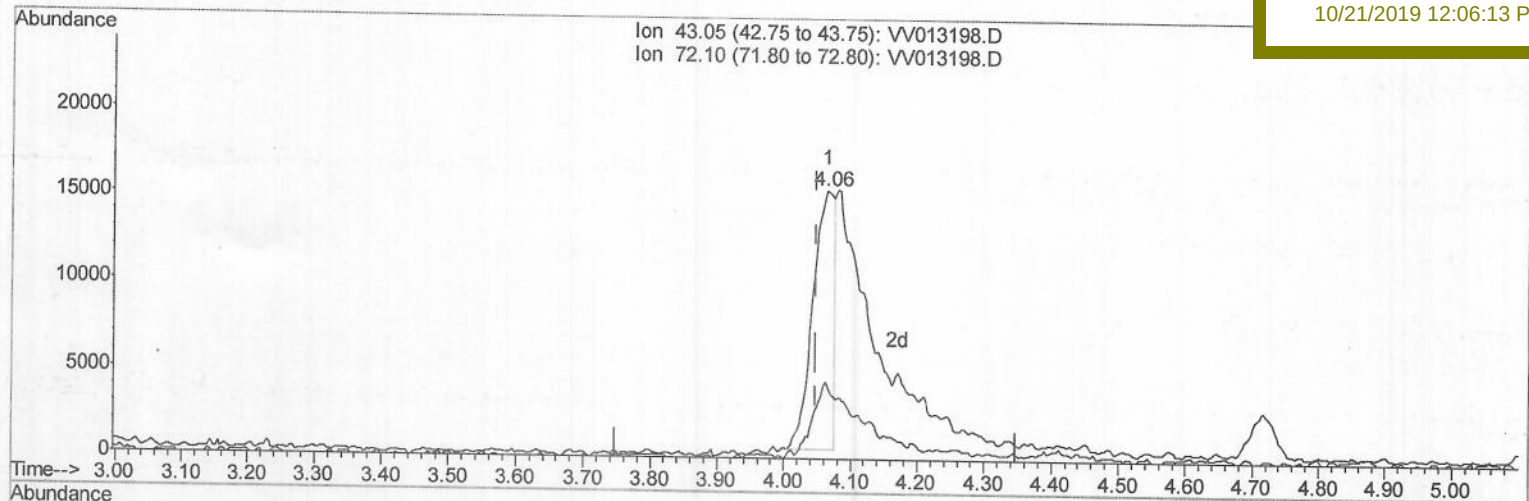
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013198.D
 Acq On : 18 Oct 2019 11:13
 Operator : SY/MD
 Sample : VSTD00137
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 11:59:26 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_V
ClientSampleId :
 VSTD00137

Manual Integrations
APPROVED

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 10/21/2019 12:06:13 PM



(21) 2-Butanone (T)
 4.064min (+0.016) 2.93ug/L
 response 32426

Ion	Exp%	Act%
43.05	100	100
72.10	26.10	26.93
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Data File : VV013198.D

Acq On : 18 Oct 2019 11:13

Operator : SY/MD

Sample : VSTD00137

Misc : 25.00ML/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:02:20 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Oct 18 11:59:26 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

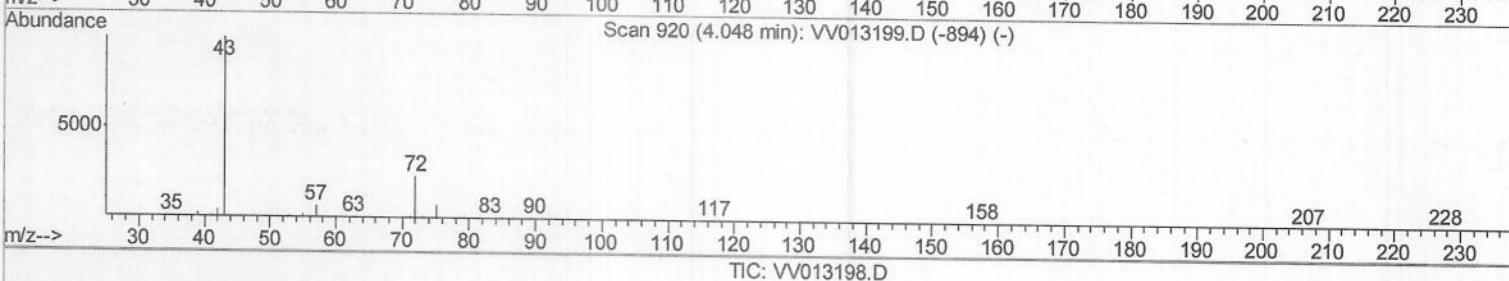
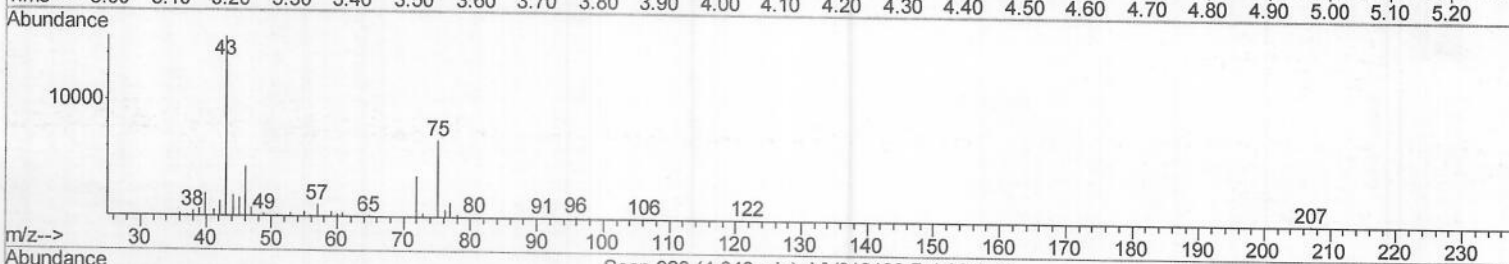
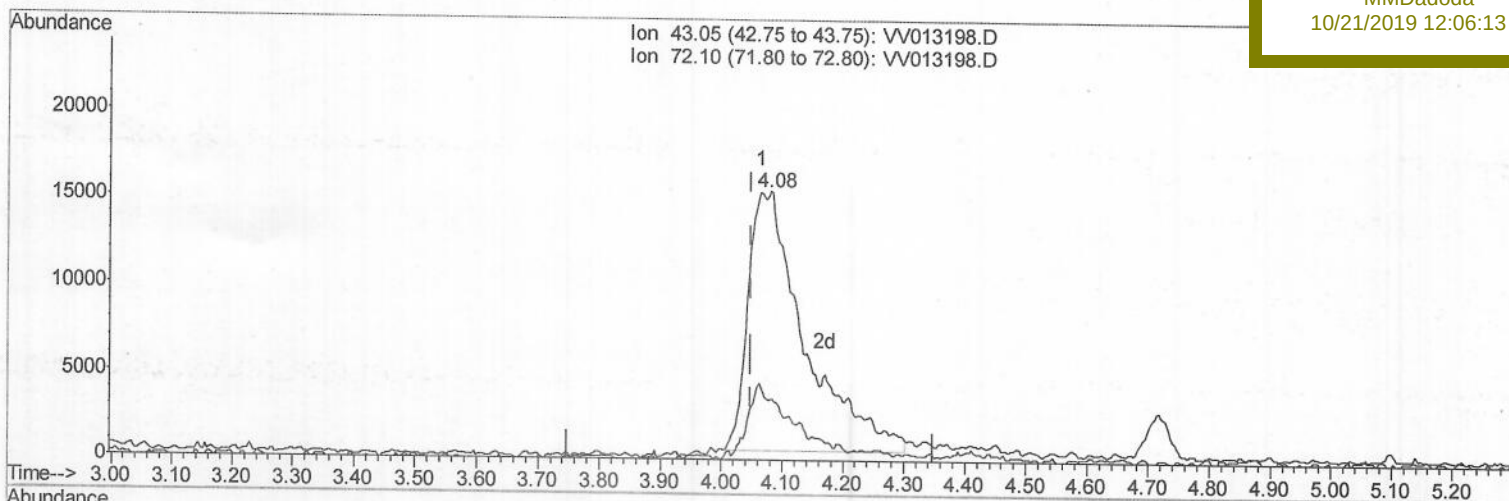
Client Sample Id :

VSTD00137

Manual Integrations
APPROVED

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(21) 2-Butanone (T)

4.080min (+0.032) 8.80ug/L m

response 97581

Ion Exp% Act%

43.05 100 100

72.10 26.10 8.95#

0.00 0.00 0.00

0.00 0.00 0.00

2 MD
10/21/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Quantitation Report (QT Reviewed)

Data File : VV013198.D
Acq On : 18 Oct 2019 11:13
Operator : SY/MD
Sample : VSTD00137
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:09:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 11:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00137

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	484175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	505098	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	267767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48214	0.96	ug/L	0.00
7) Chloroethane-d5	1.58	69	38452	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	73101	0.94	ug/L	0.00
20) 2-Butanone-d5	3.99	46	96610m	10.00	ug/L	0.02
24) Chloroform-d	4.40	84	91659	0.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	45162	1.00	ug/L	0.00
32) Benzene-d6	5.09	84	180311	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	53220	0.96	ug/L	0.00
41) Toluene-d8	7.36	98	151879	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	18663	0.97	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	65576	9.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38592	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	55435	0.99	ug/L	0.00

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	56149	0.915	ug/L	98
3) Chloromethane	1.25	50	58160	0.944	ug/L	97
5) Vinyl chloride	1.32	62	47809	0.912	ug/L	99
6) Bromomethane	1.53	94	25952	0.887	ug/L	98
8) Chloroethane	1.60	64	27581	0.918	ug/L	94
9) Trichlorofluoromethane	1.76	101	68224	0.911	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	38218	0.904	ug/L	99
12) 1,1-Dichloroethene	2.14	96	36766	0.914	ug/L	97
13) Acetone	2.25	43	52033m	10.421	ug/L	
14) Carbon disulfide	2.31	76	98567	0.869	ug/L	98
15) Methyl Acetate	2.48	43	13043	1.029	ug/L	97
16) Methylene chloride	2.53	84	49654	0.947	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	92942	0.894	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	46086	0.896	ug/L	96
19) 1,1-Dichloroethane	3.22	63	84168	0.899	ug/L	97
21) 2-Butanone	4.08	43	97581m	8.804	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	47207	0.903	ug/L	94
23) Bromochloromethane	4.30	128	20849	0.863	ug/L	
25) Chloroform	4.42	83	93477	0.911	ug/L	100
27) 1,2-Dichloroethane	5.18	62	49252	0.919	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	71460	0.911	ug/L	98
30) Cyclohexane	4.71	56	66404	0.881	ug/L	98
31) Carbon tetrachloride	4.87	117	61724	0.895	ug/L	100
33) Benzene	5.14	78	179271	0.892	ug/L	100
34) Trichloroethene	5.95	95	46971	0.892	ug/L	96
35) Methylcyclohexane	6.17	83	65258	0.883	ug/L	99
37) 1,2-Dichloropropane	6.22	63	44812	0.913	ug/L	98
38) Bromodichloromethane	6.55	83	57022	0.900	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	55512	0.886	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	221088	8.724	ug/L	95

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Quantitation Report (QT Reviewed)

Data File : VV013198.D
Acq On : 18 Oct 2019 11:13
Operator : SY/MD
Sample : VSTD00137
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 18 12:09:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 11:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00137

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	181464	0.898	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	43291	0.886	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	29887	0.862	ug/L	97
47) Tetrachloroethene	8.02	164	42152	0.913	ug/L	97
48) 2-Hexanone	8.19	43	155010	8.416	ug/L	97
49) Dibromochloromethane	8.29	129	37135	0.915	ug/L	91
50) 1,2-Dibromoethane	8.40	107	28139	0.913	ug/L	99
51) Chlorobenzene	8.92	112	121442	0.914	ug/L	96
52) Ethylbenzene	9.05	91	176474	0.868	ug/L	100
53) m,p-xylene	9.18	106	65203	0.870	ug/L	98
54) o-xylene	9.58	106	62988	0.857	ug/L	96
55) Styrene	9.60	104	98999	0.823	ug/L	99
56) Isopropylbenzene	9.97	105	162541	0.849	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	37042	0.923	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	24792	0.862	ug/L	92
61) Bromoform	9.77	173	21374	0.952	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	84990	0.894	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	85264	0.897	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	83743	0.914	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	5685	0.935	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	62592	0.906	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	50734	0.861	ug/L	99
69) Naphthalene	13.55	128	71909	0.824	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	48982	0.814	ug/L	96

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