

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011911.D
 Acq On : 17 Jul 2019 14:57
 Operator : SY/MD
 Sample : K3823-01
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52N8

Quant Time: Jul 18 03:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:17:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	164431	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57513	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	48171	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	66201	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.94	46	141649	46.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	4.40	84	109787	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	60715	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	226773	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	68514	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	195102	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	22554	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	92123	43.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38526	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	71991	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

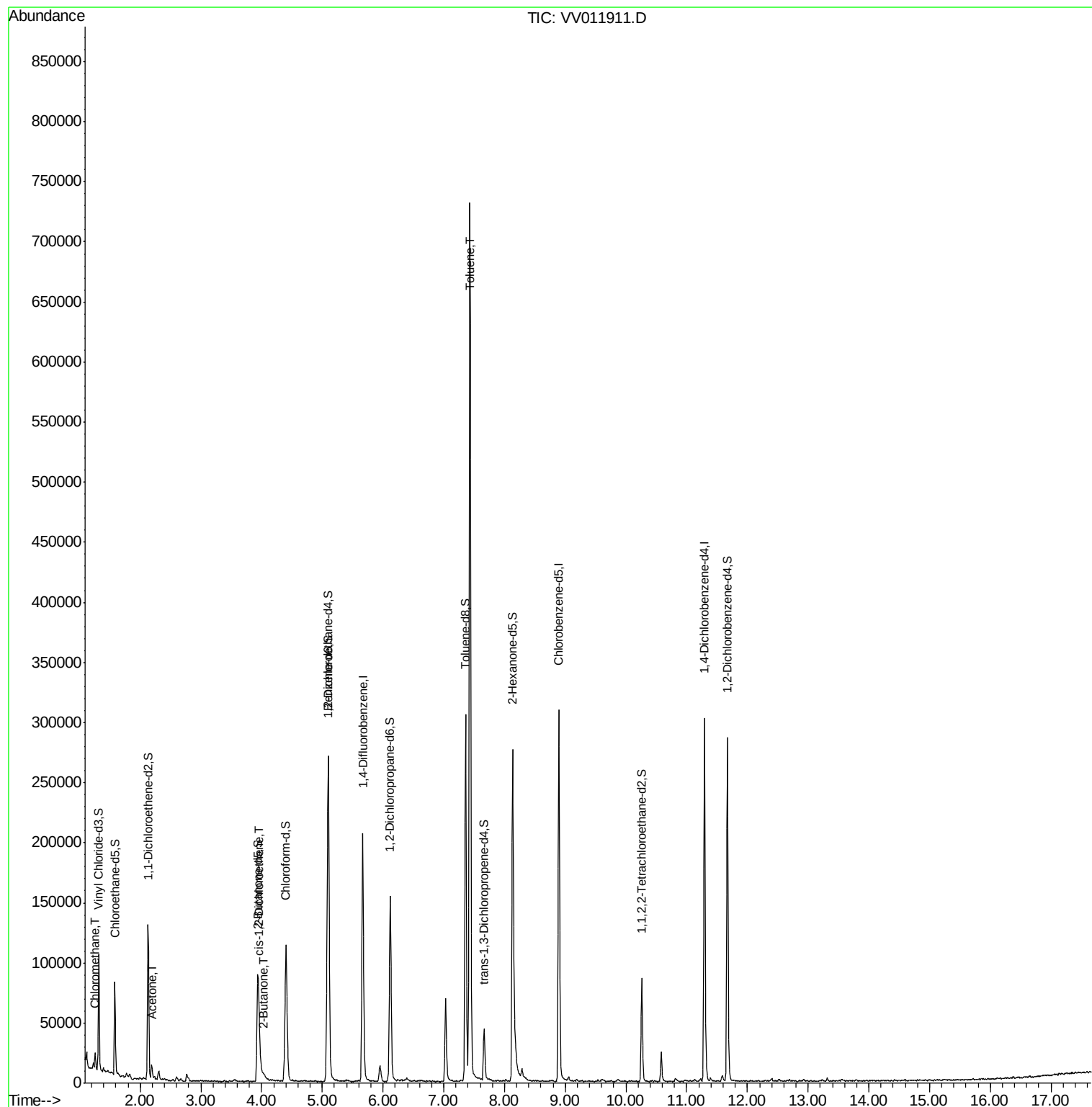
					Ovalue
3) Chloromethane	1.26	50	9081	0.556	ug/L 100
13) Acetone	2.19	43	10345	6.683	ug/L 100
21) 2-Butanone	4.04	43	5718	1.884	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	6295	0.496	ug/L 98
42) Toluene	7.43	91	506290	9.557	ug/L 99

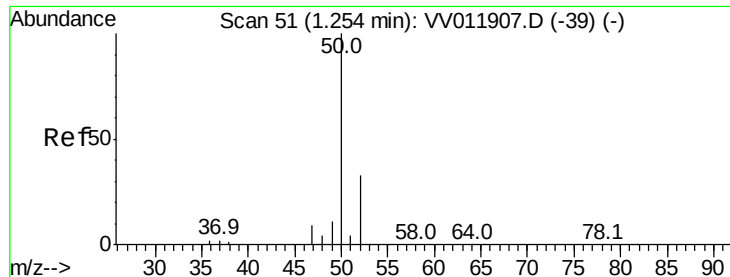
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.556 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV011911.D

Acq: 17 Jul 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

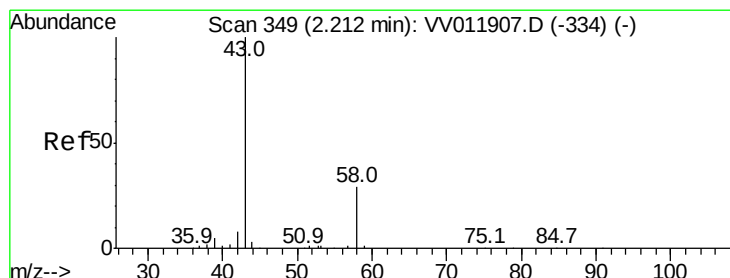
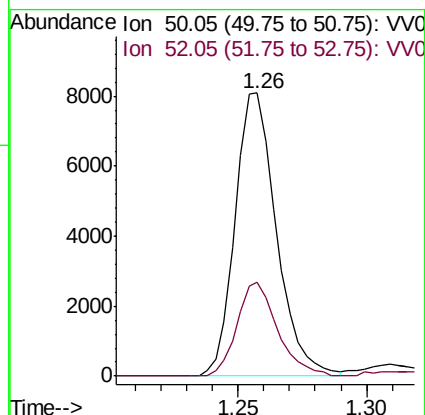
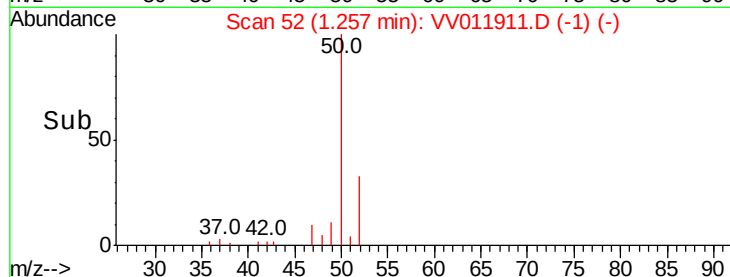
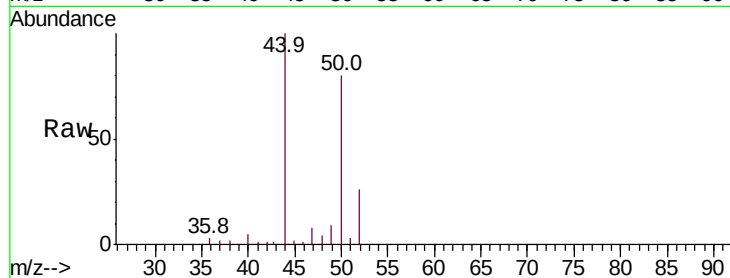
A52N8

Tot Ion: 50 Resp: 9081

Ion Ratio Lower Upper

50 100

52 33.1 23.1 42.9



#13

Acetone

Concen: 6.683 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011911.D

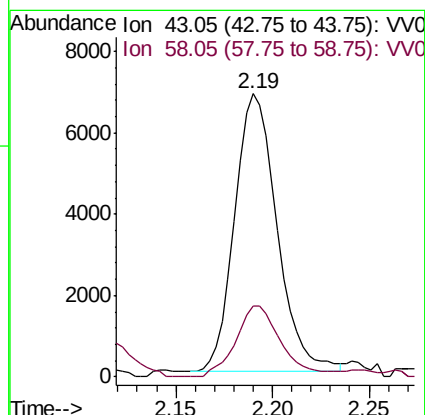
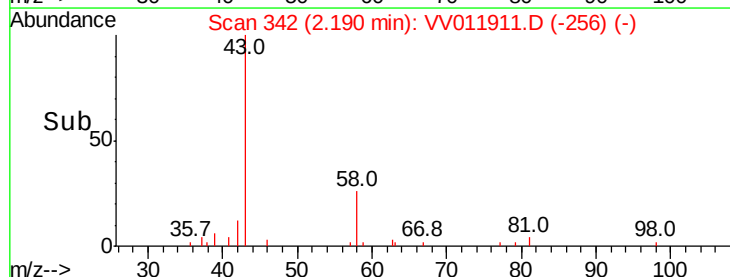
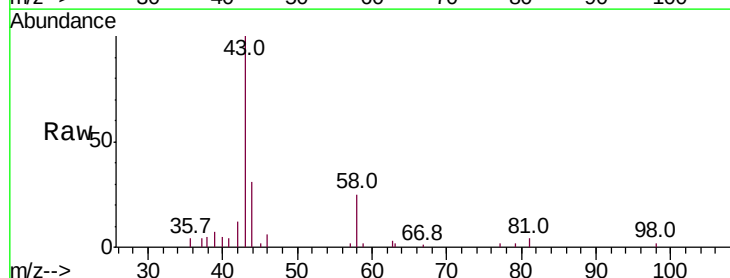
Acq: 17 Jul 2019 14:57

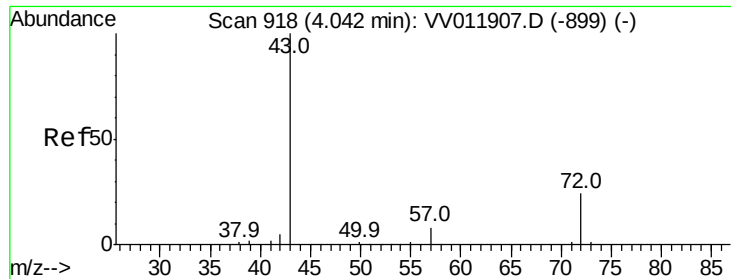
Tgt Ion: 43 Resp: 10345

Ion Ratio Lower Upper

43 100

58 27.9 0.0 55.6





#21

2-Butanone

Concen: 1.884 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.00 min

Lab File: VV011911.D

Acq: 17 Jul 2019 14:57

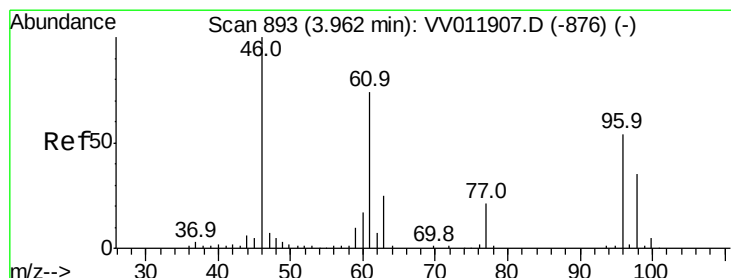
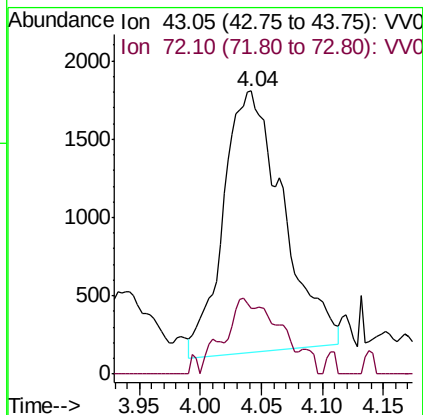
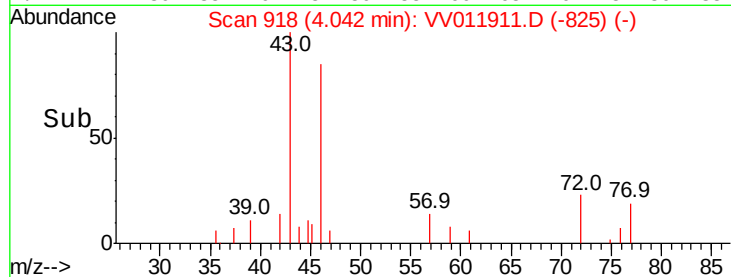
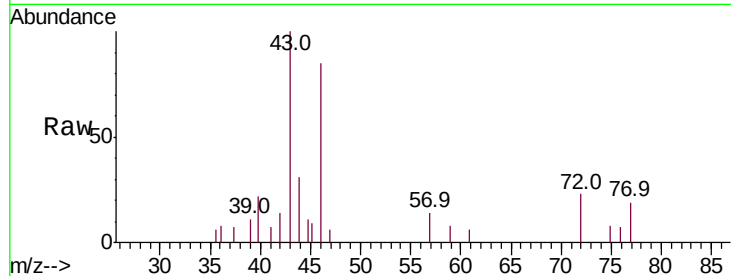
Instrument :
MSVOA_V
ClientSampled :
A52N8

Tot Ion: 43 Resp: 5718

Ion Ratio Lower Upper

43 100

72 21.8 11.2 33.6



#22

cis-1,2-Dichloroethene

Concen: 0.496 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV011911.D

Acq: 17 Jul 2019 14:57

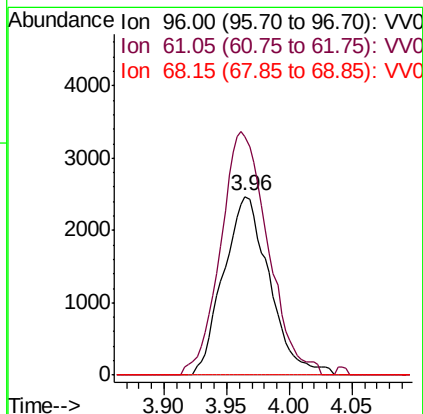
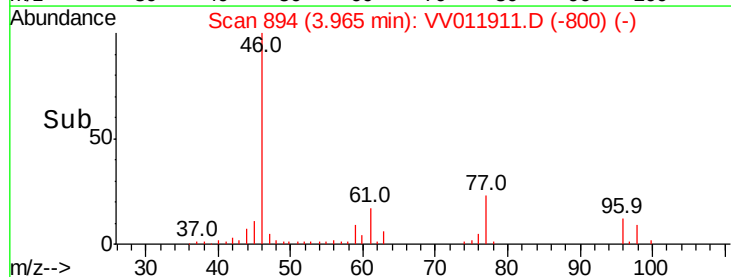
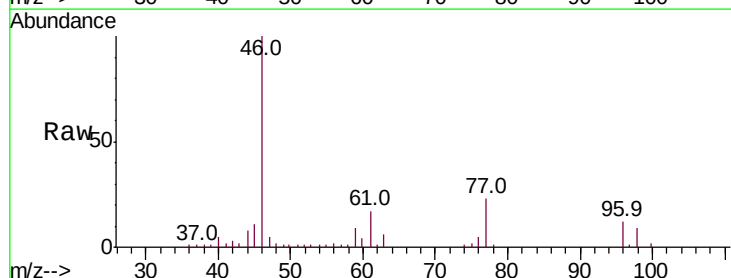
Tgt Ion: 96 Resp: 6295

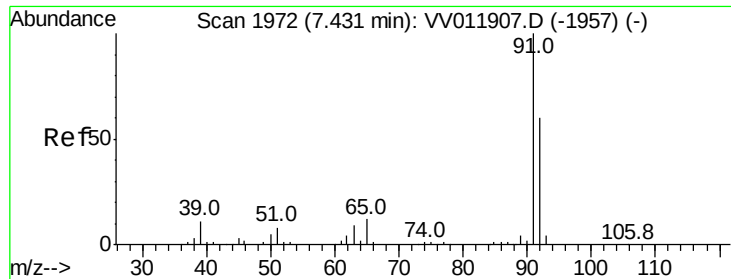
Ion Ratio Lower Upper

96 100

61 133.3 95.2 176.8

68 0.0 0.0 0.0





#42

Toluene

Concen: 9.557 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011911.D

Acq: 17 Jul 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

A52N8

Tot Ion: 91 Resp: 506290

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3

