

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011714.D
 Acq On : 22 Jun 2019 04:39
 Operator : SY/MD
 Sample : K3479-09
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAP06

Quant Time: Jun 24 07:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 24 05:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156500	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42363	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	36192	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	66698	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.96	46	162537	59.40	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	4.40	84	92676	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	57450	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.09	84	189406	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	61301	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	160130	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	17052	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	122786	58.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46412	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	58444	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

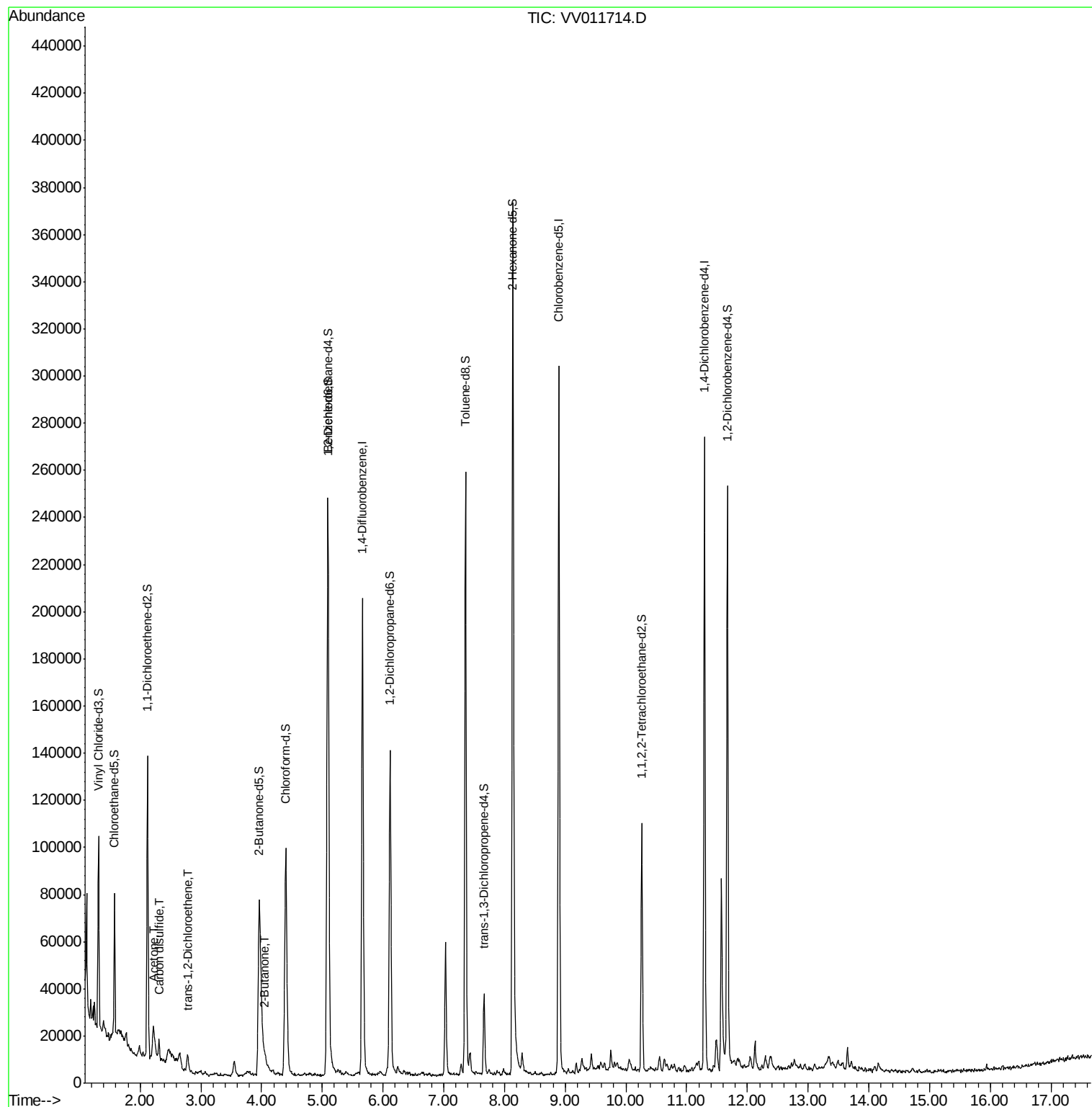
					Ovalue
13) Acetone	2.22	43	28641	14.491 ug/L	73
14) Carbon disulfide	2.31	76	9833	0.377 ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	1708	0.150 ug/L	97
21) 2-Butanone	4.06	43	7576	2.379 ug/L	98

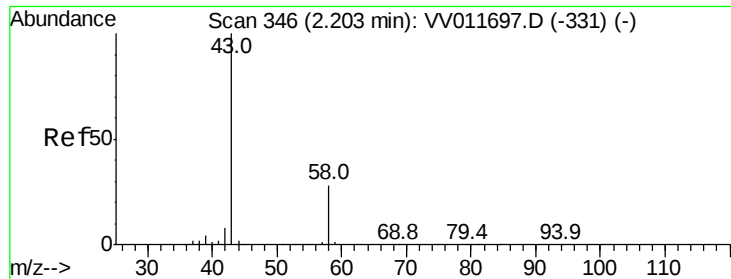
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.491 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV011714.D

Acq: 22 Jun 2019 04:39

Instrument :

MSVOA_V

ClientSampleId :

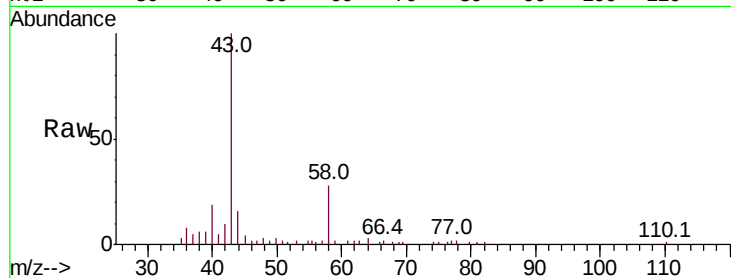
YAP06

Tot Ion: 43 Resp: 28641

Ion Ratio Lower Upper

43 100

58 14.1 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011714.D (-350) (-)

Ion 58.05 (57.75 to 58.75): VV011714.D (-350) (-)

2.22

10000

8000

6000

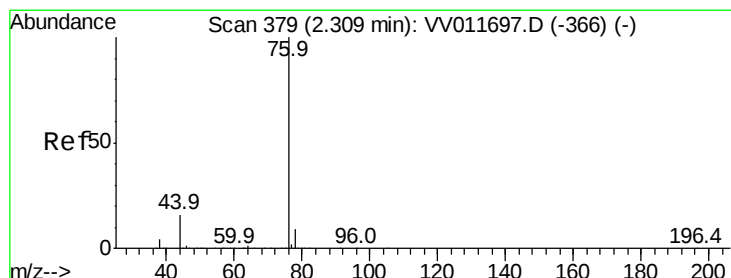
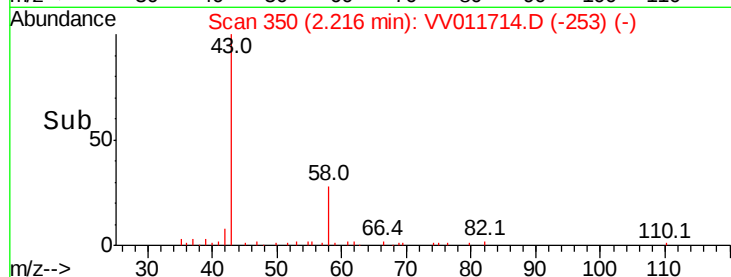
4000

2000

0

Time-->

2.10 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 0.377 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011714.D

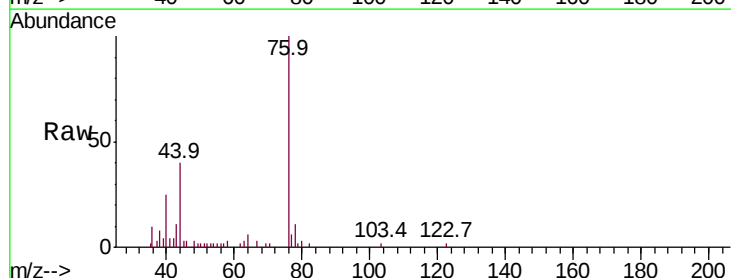
Acq: 22 Jun 2019 04:39

Tgt Ion: 76 Resp: 9833

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VV011714.D (-286) (-)

Ion 78.00 (77.70 to 78.70): VV011714.D (-286) (-)

2.31

6000

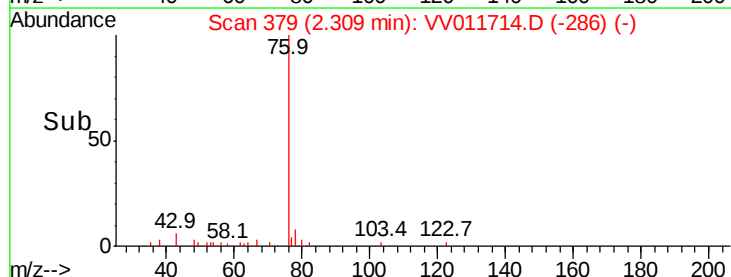
4000

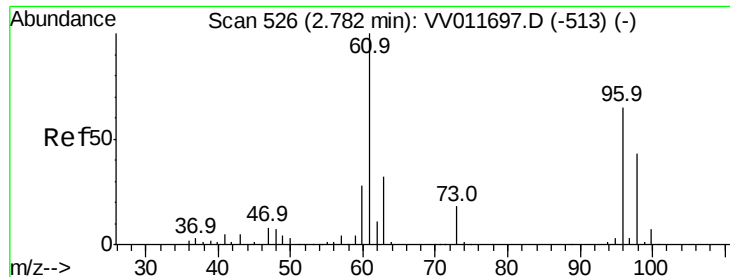
2000

0

Time-->

2.25 2.30 2.35





#18

trans-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV011714.D

Acq: 22 Jun 2019 04:39

Instrument :

MSVOA_V

ClientSampled :

YAP06

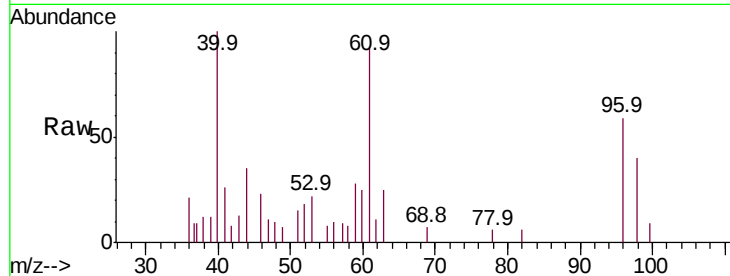
Tot Ion: 96 Resp: 1708

Ion Ratio Lower Upper

96 100

61 157.9 109.3 203.1

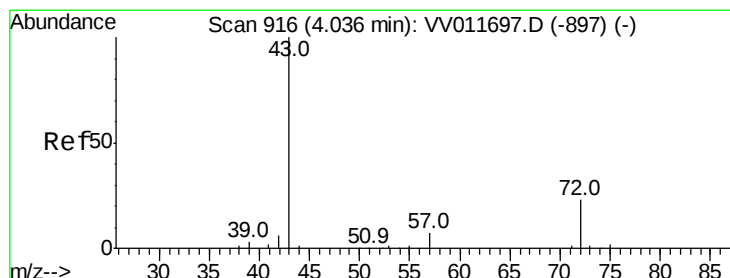
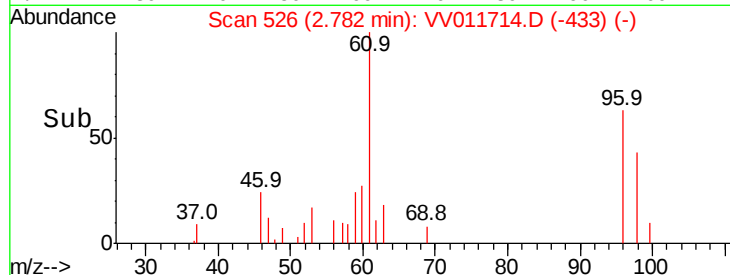
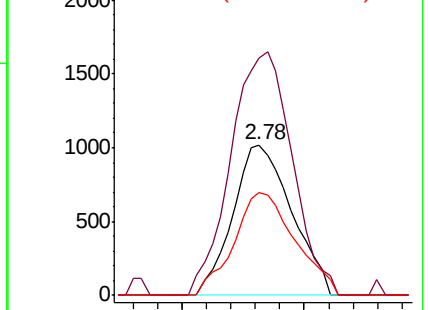
98 67.9 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#21

2-Butanone

Concen: 2.379 ug/L

RT: 4.06 min Scan# 924

Delta R.T. 0.03 min

Lab File: VV011714.D

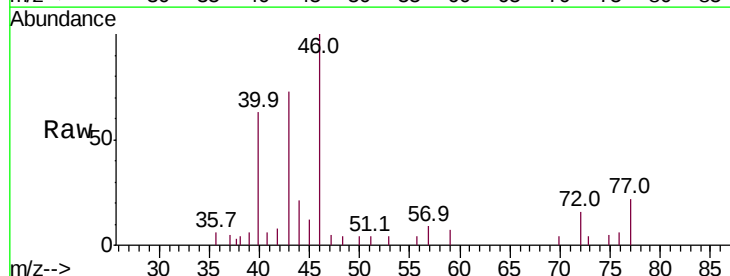
Acq: 22 Jun 2019 04:39

Tgt Ion: 43 Resp: 7576

Ion Ratio Lower Upper

43 100

72 22.9 10.9 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

