

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011410.D
 Acq On : 12 Jun 2019 01:04
 Operator : SY/MD
 Sample : K3289-04
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL9

Quant Time: Jun 12 05:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29146	2.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.00%
7) Chloroethane-d5	1.55	69	28987	3.23	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.12	63	51161	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	3.94	46	140701	57.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.94%
24) Chloroform-d	4.40	84	76370	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.08	65	46099	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.09	84	140777	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	6.12	67	47411	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.36	98	118135	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.20%#
43) trans-1,3-Dichloropropene-	7.66	79	12767	2.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.80%
46) 2-Hexanone-d5	8.13	63	99928	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38805	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	43956	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

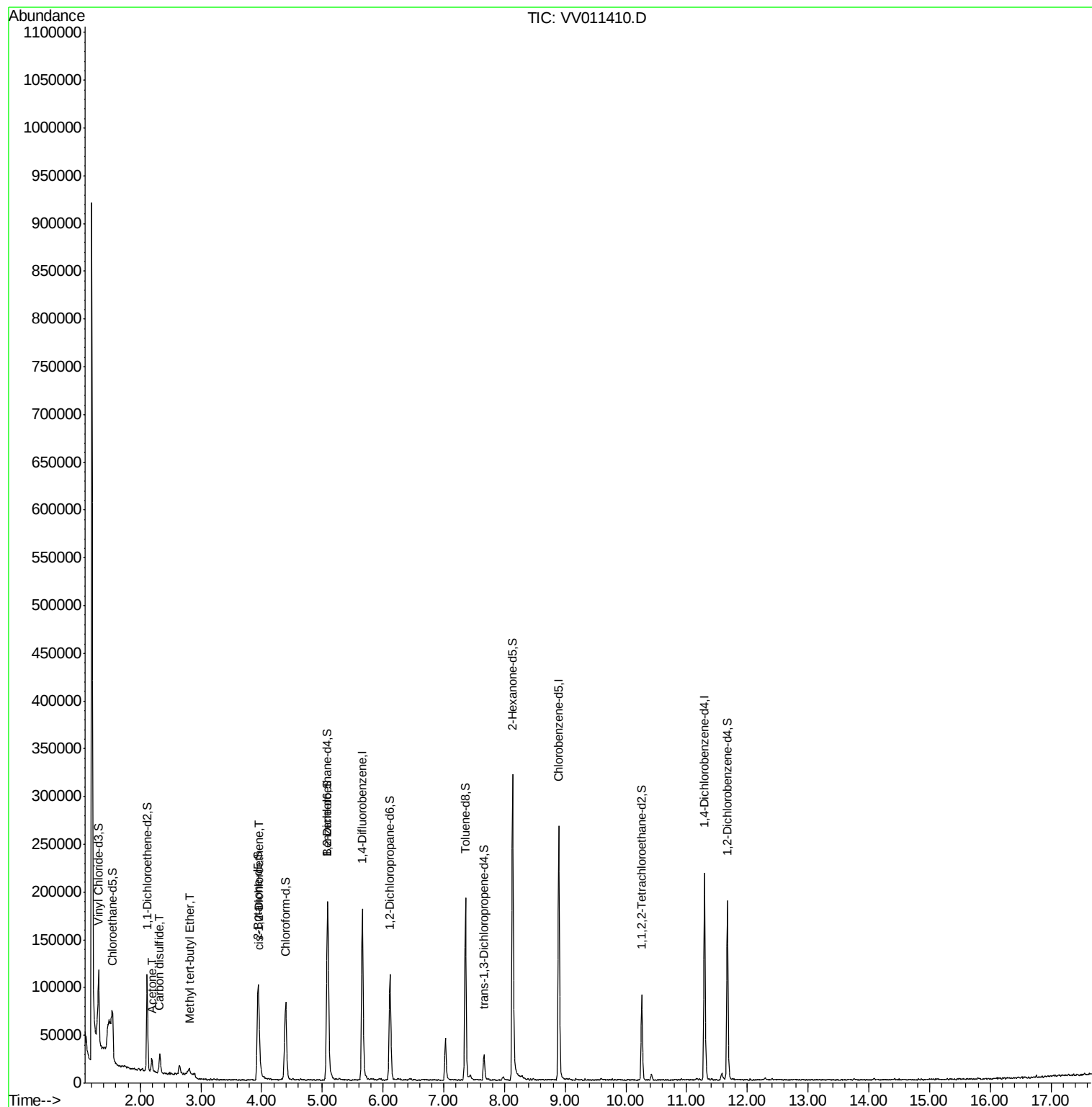
					Ovalue
13) Acetone	2.19	43	4318	2.654 ug/L	87
14) Carbon disulfide	2.31	76	5607	0.206 ug/L #	81
17) Methyl tert-butyl Ether	2.81	73	5871	0.245 ug/L #	87
22) cis-1,2-Dichloroethene	3.96	96	6742	0.607 ug/L	95

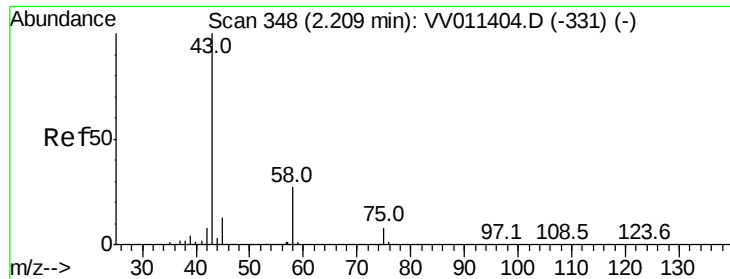
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.654 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

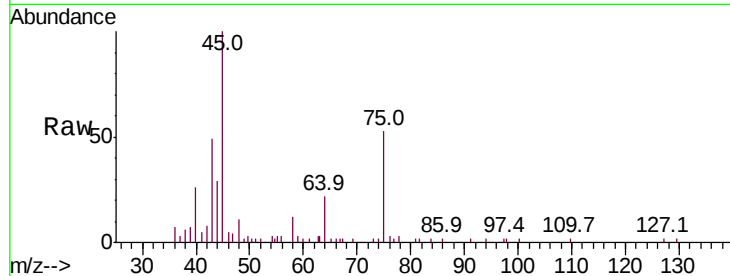
BFCL9

Tot Ion: 43 Resp: 4318

Ion Ratio Lower Upper

43 100

58 34.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

3000

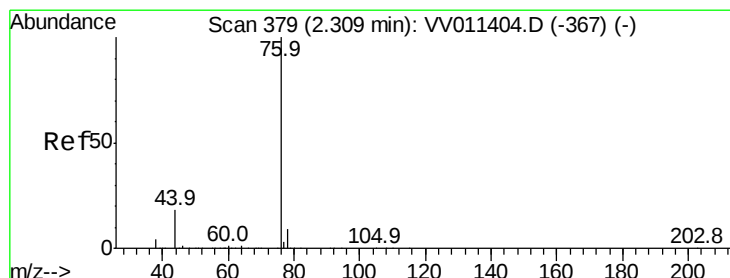
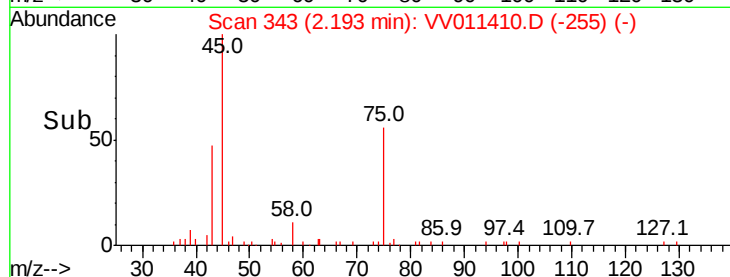
2000

1000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.206 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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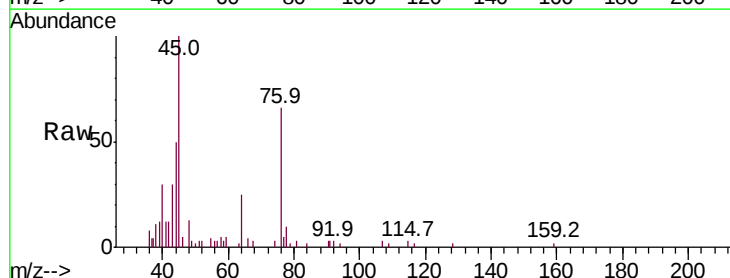
Acq: 12 Jun 2019 01:04

Tgt Ion: 76 Resp: 5607

Ion Ratio Lower Upper

76 100

78 15.8 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

3000

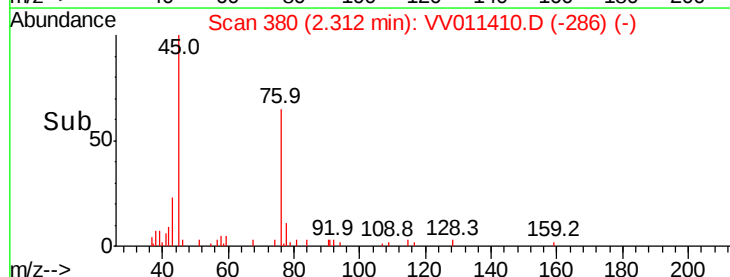
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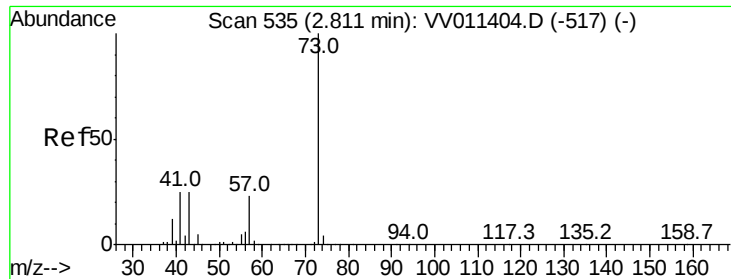
1000

0

Time-->

2.25 2.30 2.35

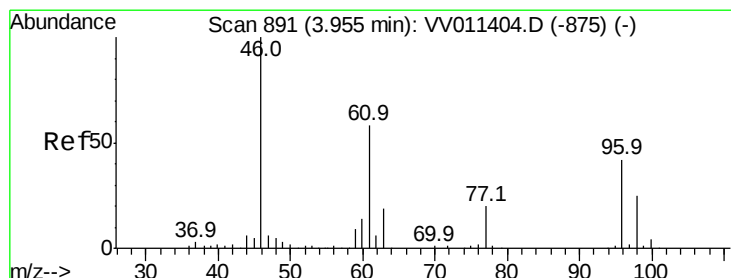
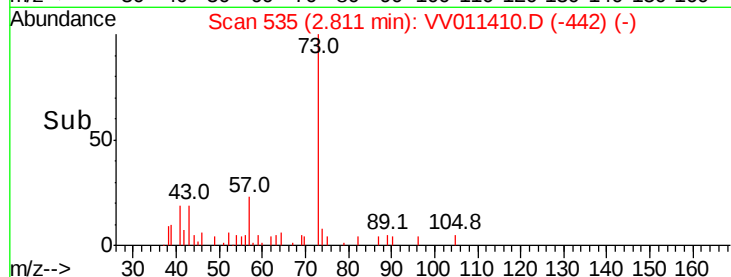
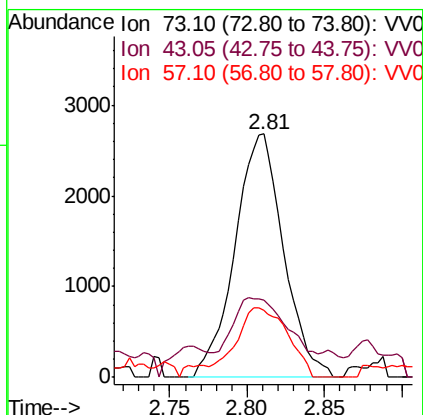
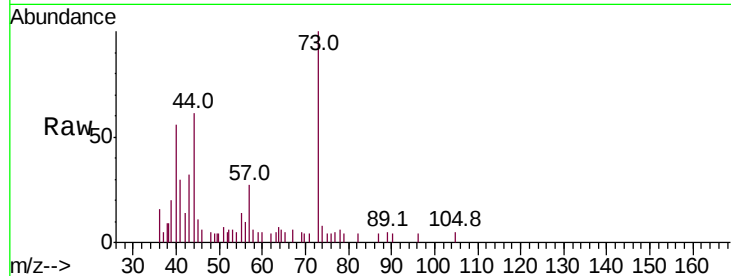




#17
Methvl tert-butvl Ether
Concen: 0.245 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
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Tot Ion: 73 Resp: 5871
Ion Ratio Lower Upper
73 100
43 26.4 18.7 28.1
57 32.7 18.1 27.1#



#22
cis-1,2-Dichloroethene
Concen: 0.607 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011410.D
Acq: 12 Jun 2019 01:04

Tgt Ion: 96 Resp: 6742
Ion Ratio Lower Upper
96 100
61 137.3 100.8 187.2
68 0.0 0.0 0.0

