

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011666.D
 Acq On : 21 Jun 2019 01:31
 Operator : SY/MD
 Sample : K3415-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALP9

Quant Time: Jun 21 04:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 02:33:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51529	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.57	69	36426	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.12	63	79559	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.95	46	153960	57.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.82%
24) Chloroform-d	4.40	84	82607	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	60819	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.09	84	206721	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	65161	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	175066	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	17490	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.13	63	111382	54.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45240	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	58755	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

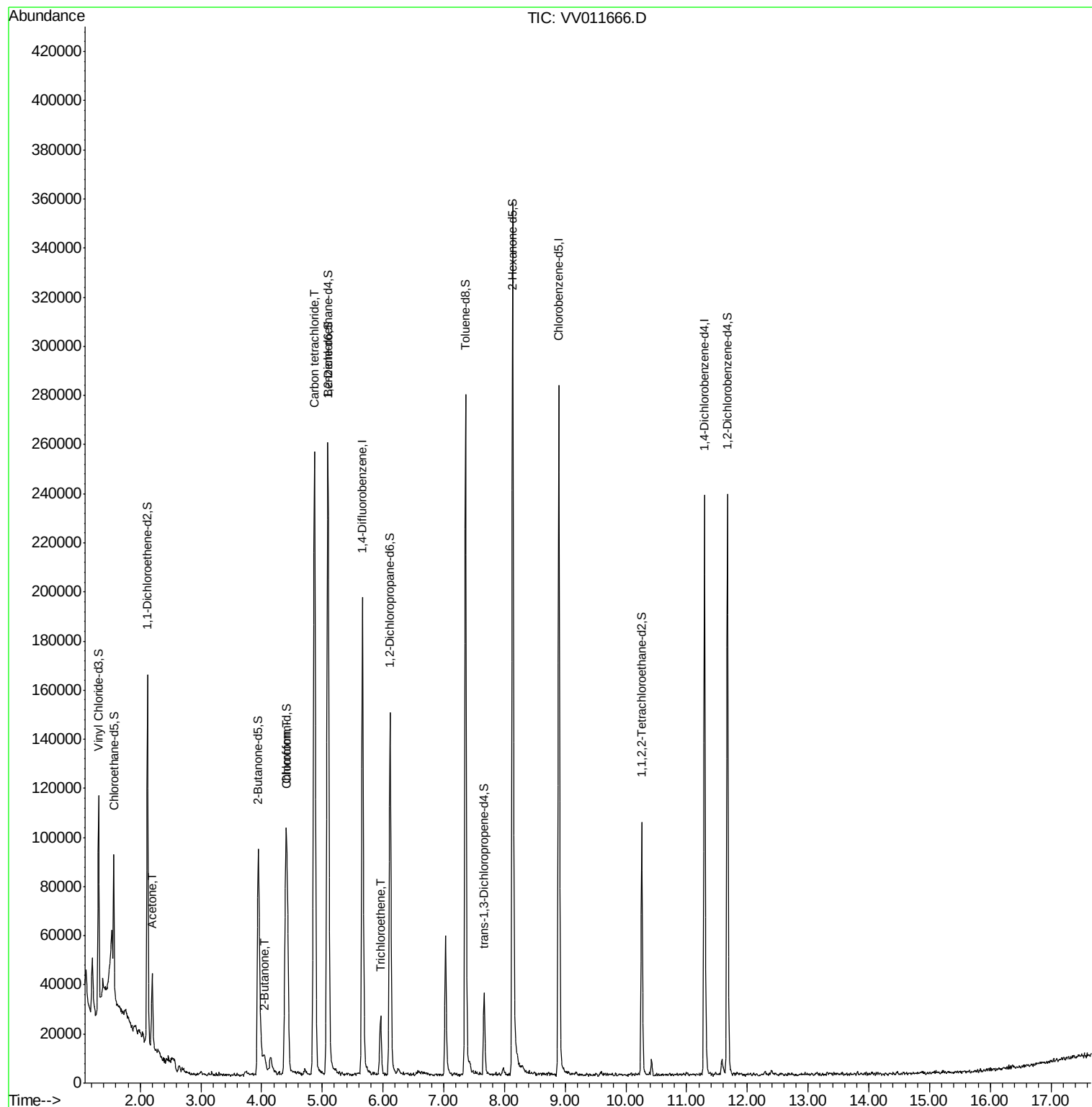
					Ovalue
13) Acetone	2.20	43	33245	17.161 ug/L	98
21) 2-Butanone	4.05	43	9639	3.088 ug/L	91
25) Chloroform	4.42	83	56823	2.333 ug/L	90
31) Carbon tetrachloride	4.87	117	177639	11.301 ug/L	99
34) Trichloroethene	5.96	95	7980	0.629 ug/L	97

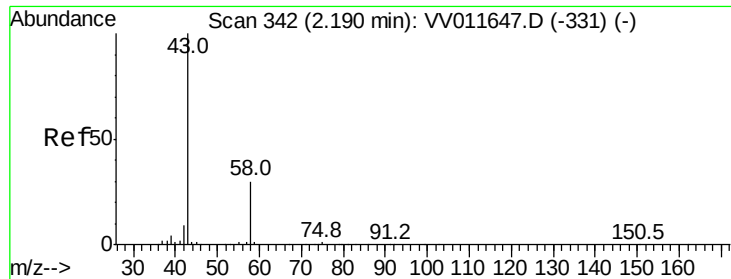
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.161 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV011666.D

Acq: 21 Jun 2019 01:31

Instrument :

MSVOA_V

ClientSampled :

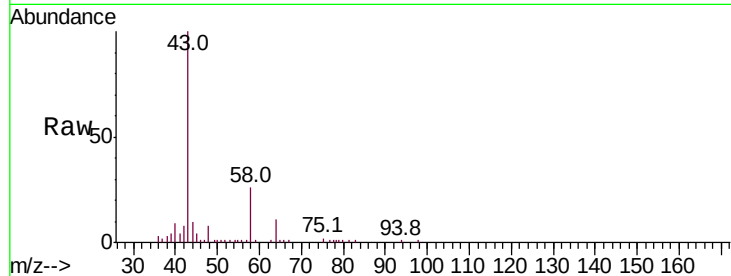
GALP9

Tot Ion: 43 Resp: 33245

Ion Ratio Lower Upper

43 100

58 29.3 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

20000

15000

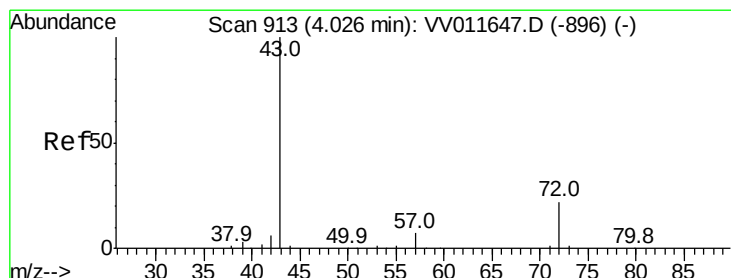
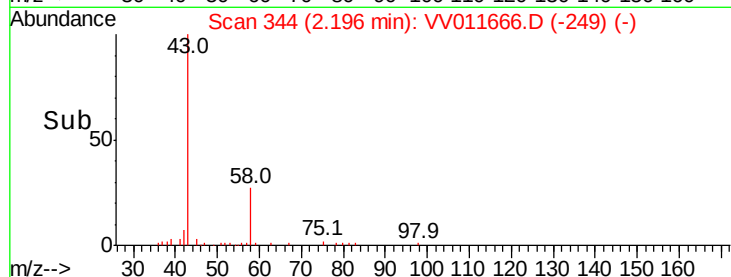
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#21

2-Butanone

Concen: 3.088 ug/L

RT: 4.05 min Scan# 919

Delta R.T. 0.02 min

Lab File: VV011666.D

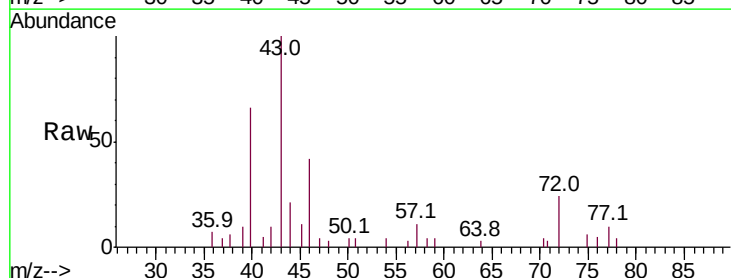
Acq: 21 Jun 2019 01:31

Tgt Ion: 43 Resp: 9639

Ion Ratio Lower Upper

43 100

72 26.0 10.9 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.05

5000

4000

3000

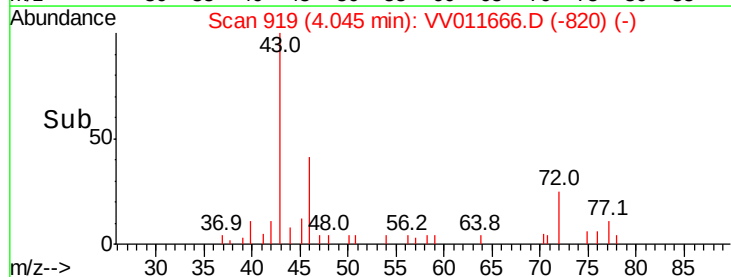
2000

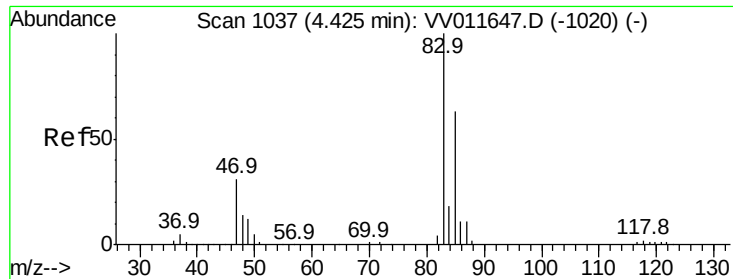
1000

0

Time-->

3.95 4.00 4.05 4.10

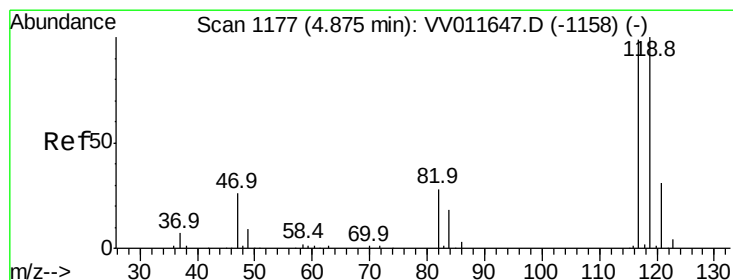
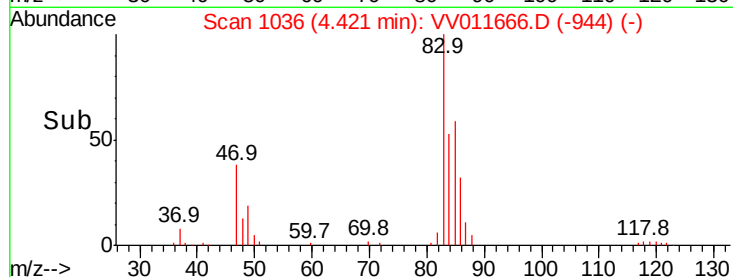
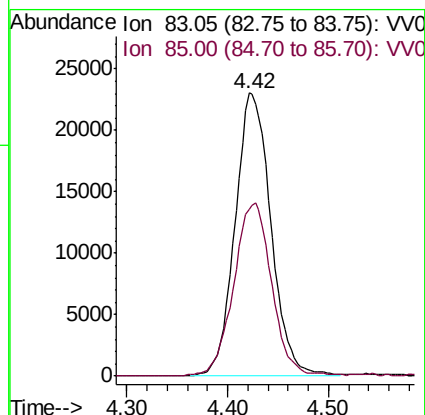
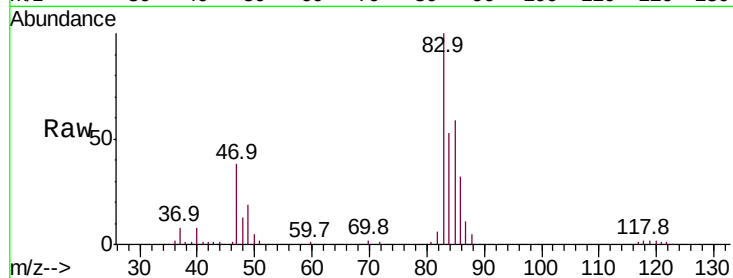




#25
Chloroform
Concen: 2.333 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011666.D
Acq: 21 Jun 2019 01:31

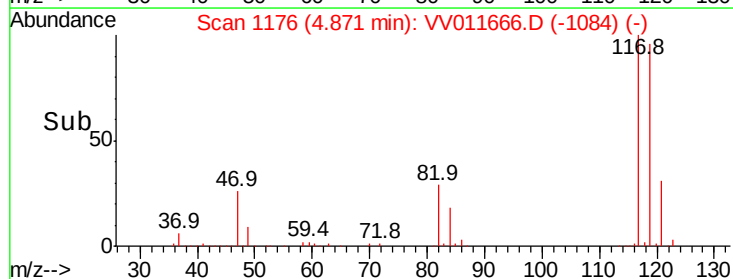
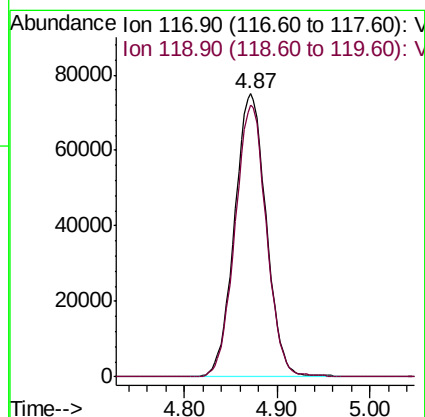
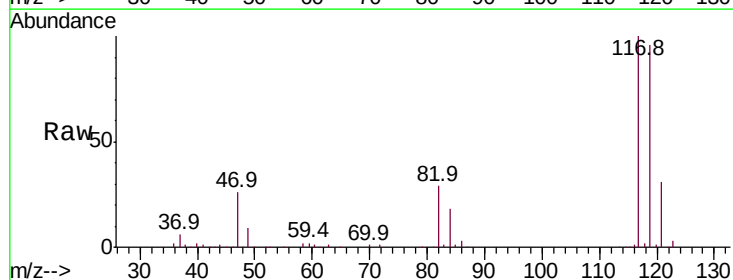
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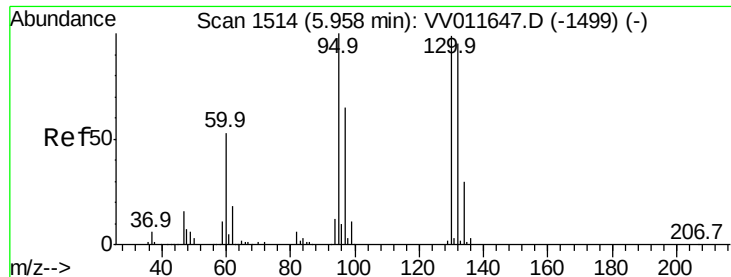
Tot Ion: 83 Resp: 56823
Ion Ratio Lower Upper
83 100
85 58.9 47.0 87.2



#31
Carbon tetrachloride
Concen: 11.301 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VV011666.D
Acq: 21 Jun 2019 01:31

Tgt Ion: 117 Resp: 177639
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7





#34

Trichloroethene

Concen: 0.629 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011666.D

Acq: 21 Jun 2019 01:31

Instrument :

MSVOA_V

ClientSampleId :

GALP9

Tot Ion: 95 Resp: 7980

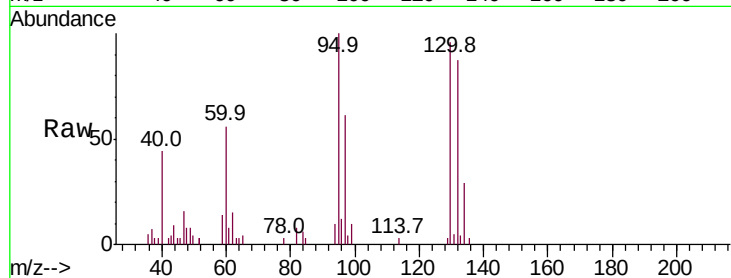
Ion Ratio Lower Upper

95 100

97 60.9 44.4 82.5

132 87.3 65.0 120.6

130 96.3 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

