

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011693.D
 Acq On : 21 Jun 2019 19:02
 Operator : SY/MD
 Sample : K3415-14
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALQ1

Quant Time: Jun 24 05:13:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 24 03:42:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	119421	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35930	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	29643	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	57233	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	156176	74.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.60%#
24) Chloroform-d	4.40	84	62811	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	50842	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.10	84	159608	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	51596	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	132036	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	15458	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	103542	65.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.68%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37855	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	47840	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

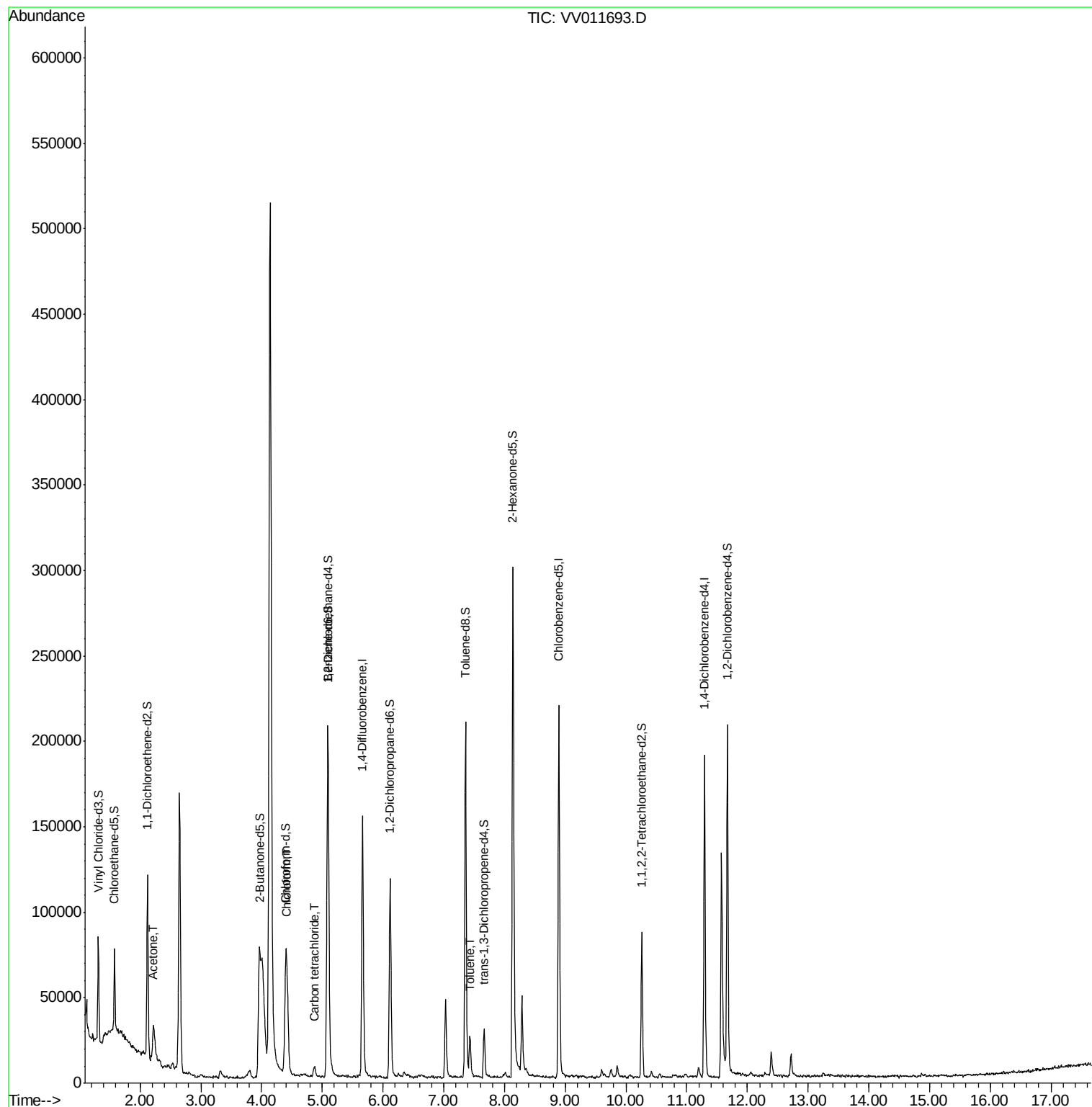
					Ovalue
13) Acetone	2.22	43	39328	26.076	ug/L 98
25) Chloroform	4.42	83	35597	1.877	ug/L 95
31) Carbon tetrachloride	4.87	117	3990	0.328	ug/L 98
42) Toluene	7.43	91	14999	0.388	ug/L 97

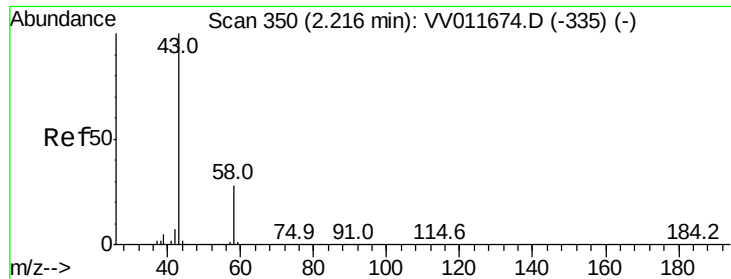
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.076 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

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Acq: 21 Jun 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

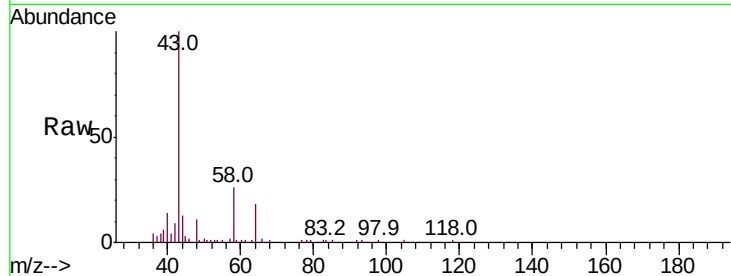
GALQ1

Tot Ion: 43 Resp: 39328

Ion Ratio Lower Upper

43 100

58 27.4 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV011674.D (-335) (-)

2.22

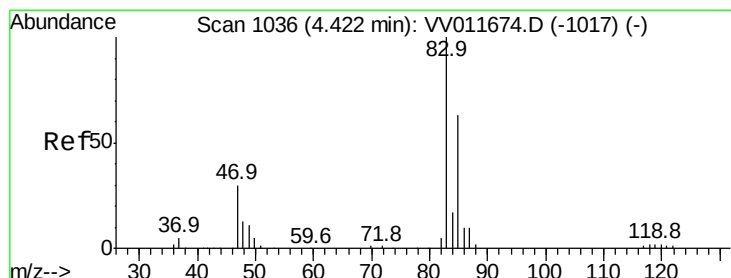
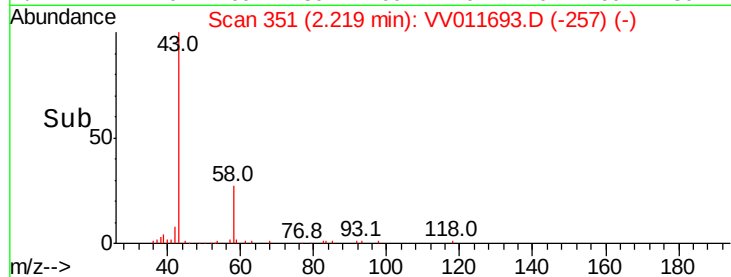
15000

10000

5000

0

Time--> 2.10 2.20 2.30



#25

Chloroform

Concen: 1.877 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011693.D

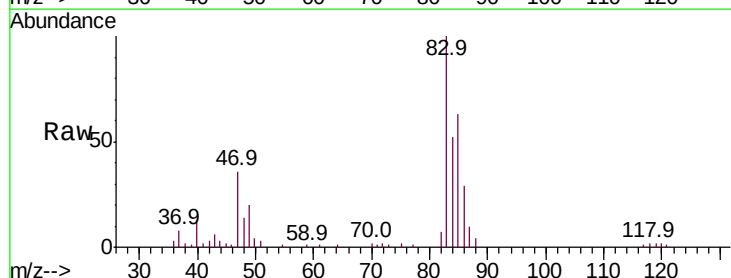
Acq: 21 Jun 2019 19:02

Tgt Ion: 83 Resp: 35597

Ion Ratio Lower Upper

83 100

85 62.9 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV011674.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV011674.D (-1017) (-)

4.42

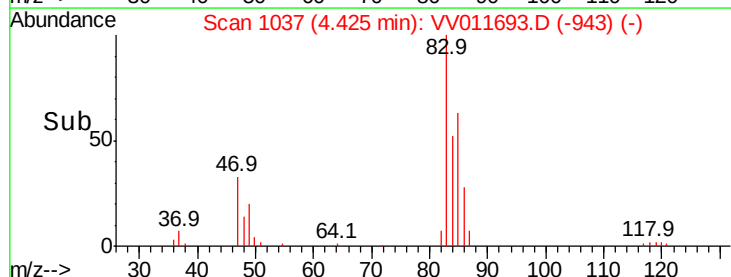
15000

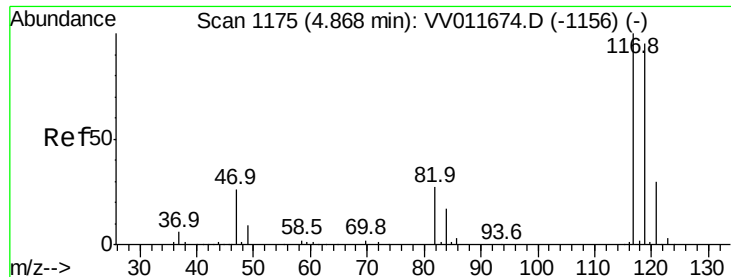
10000

5000

0

Time--> 4.35 4.40 4.45 4.50





#31

Carbon tetrachloride

Concen: 0.328 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VV011693.D

Acq: 21 Jun 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

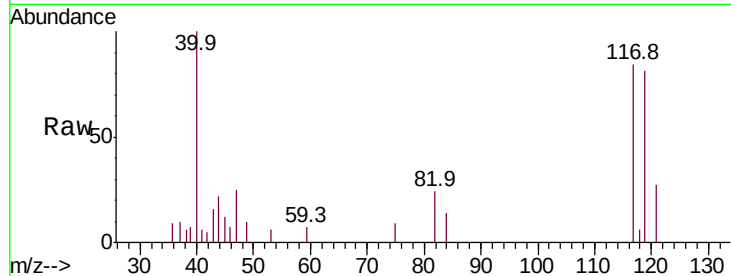
GALQ1

Tot Ion:117 Resp: 3990

Ion Ratio Lower Upper

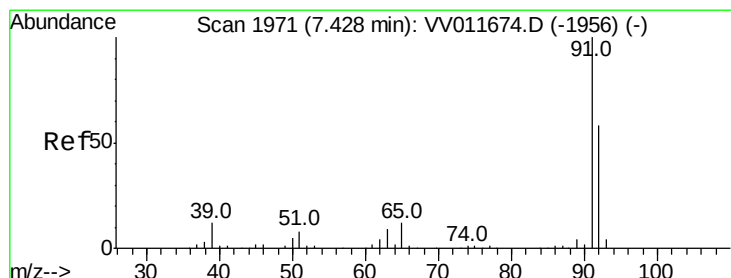
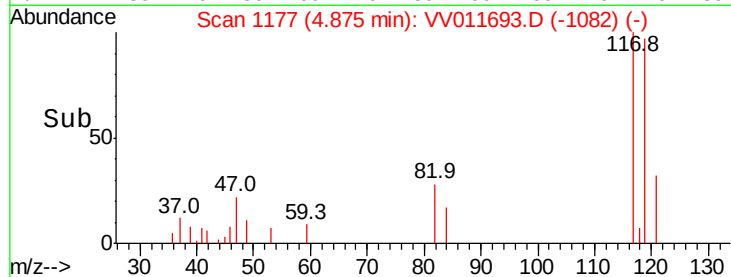
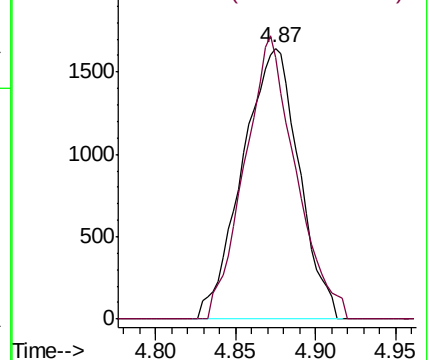
117 100

119 94.4 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#42

Toluene

Concen: 0.388 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011693.D

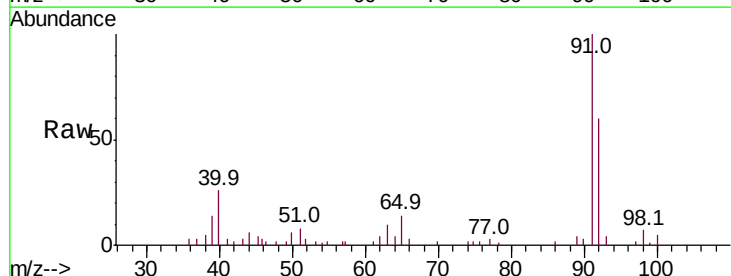
Acq: 21 Jun 2019 19:02

Tgt Ion: 91 Resp: 14999

Ion Ratio Lower Upper

91 100

92 59.9 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

