

Data File : VV011694.D
Acq On : 21 Jun 2019 19:27
Operator : SY/MD
Sample : K3415-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALQ3

Quant Time: Jun 22 04:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44718	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.57	69	32305	4.52	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	69856	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.95	46	159942	59.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.56%
24) Chloroform-d	4.40	84	83342	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	59136	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	195497	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	63167	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	167183	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	18131	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	115165	57.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44916	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	56956	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

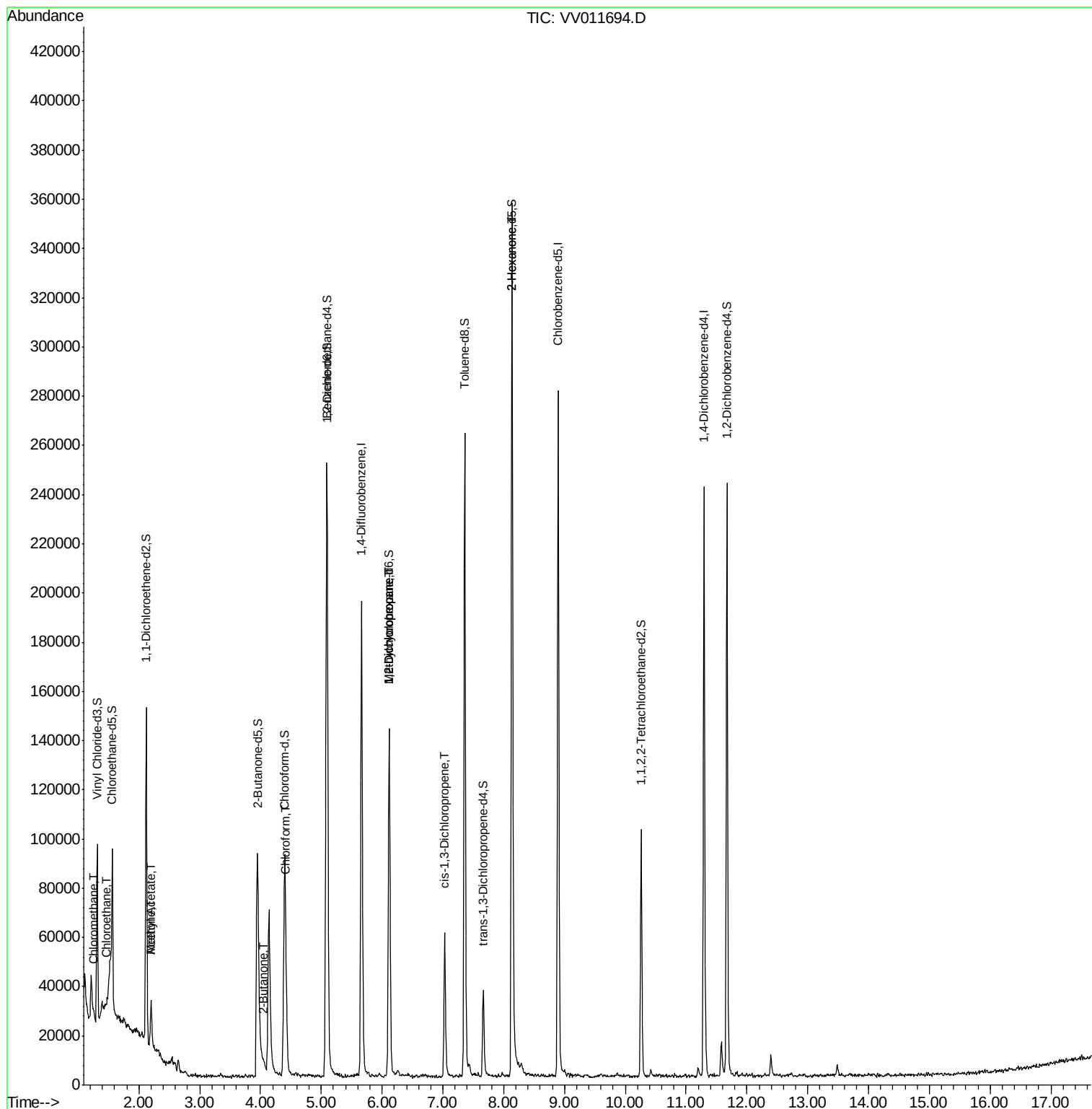
					Qvalue
3) Chloromethane	1.25	50	1533	0.106 ug/L	87
8) Chloroethane	1.46	64	6685	0.904 ug/L #	57
13) Acetone	2.20	43	22270	11.523 ug/L	96
15) Methyl Acetate	2.20	43	21653	4.500 ug/L #	57
21) 2-Butanone	4.05	43	6410	2.059 ug/L	98
25) Chloroform	4.42	83	15797	0.650 ug/L	100
35) Methylcyclohexane	6.12	83	15273	0.759 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7788	0.653 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1668	0.107 ug/L #	61
48) 2-Hexanone	8.14	43	16636	3.162 ug/L #	71

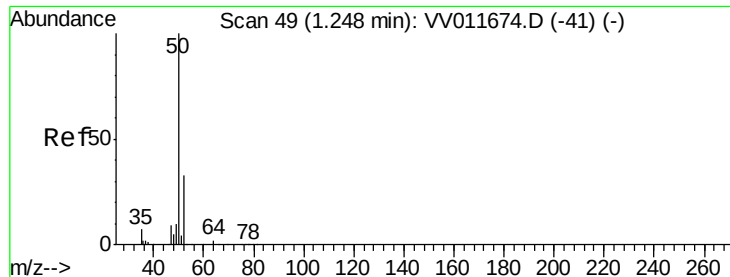
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011694.D
Acq On : 21 Jun 2019 19:27
Operator : SY/MD
Sample : K3415-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALQ3

Quant Time: Jun 22 04:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.106 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011694.D

Acq: 21 Jun 2019 19:27

Instrument :

MSVOA_V

ClientSampled :

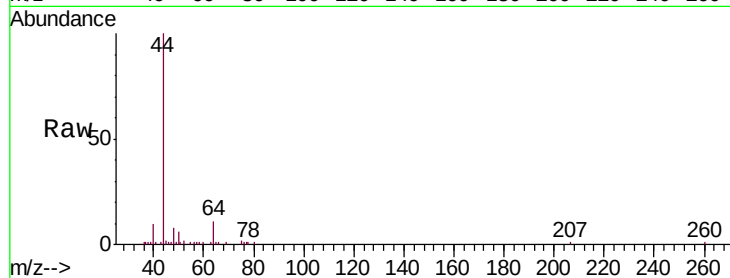
GALQ3

Tgt Ion: 50 Resp: 1533

Ion Ratio Lower Upper

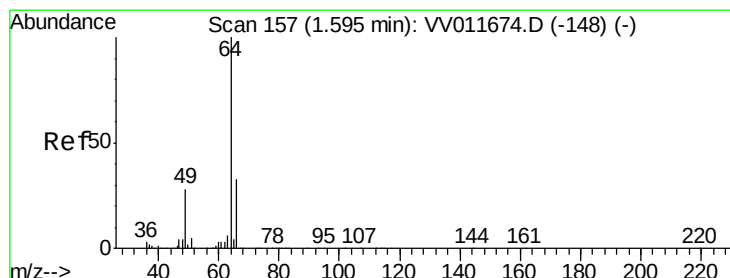
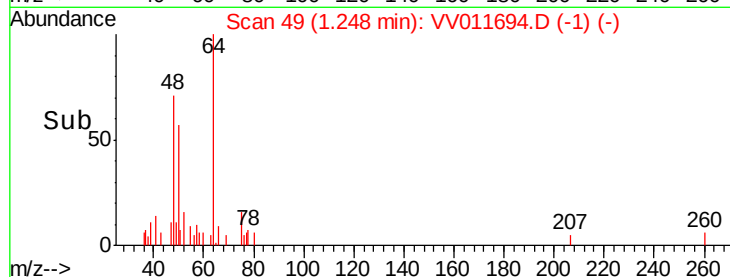
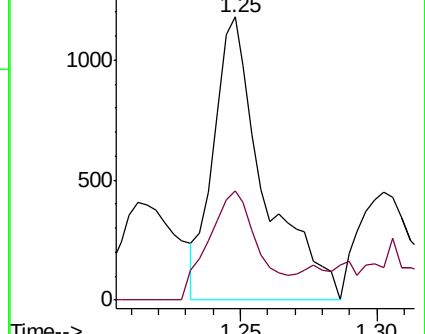
50 100

52 38.7 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.904 ug/L

RT: 1.46 min Scan# 115

Delta R.T. -0.14 min

Lab File: VV011694.D

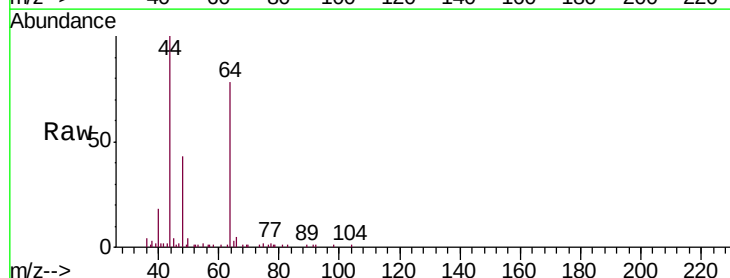
Acq: 21 Jun 2019 19:27

Tgt Ion: 64 Resp: 6685

Ion Ratio Lower Upper

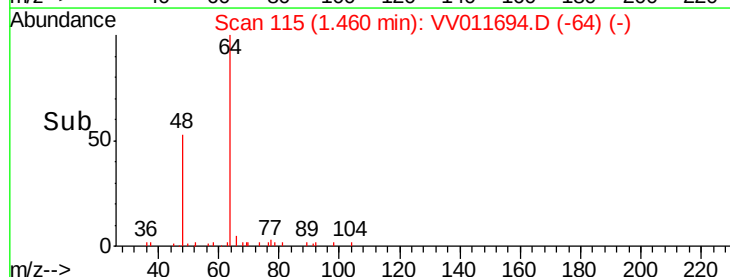
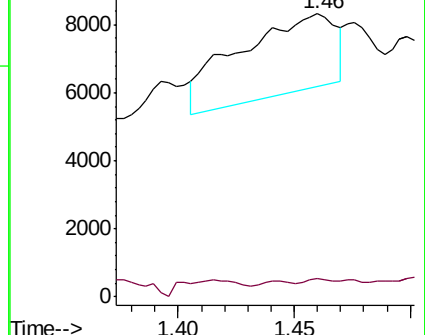
64 100

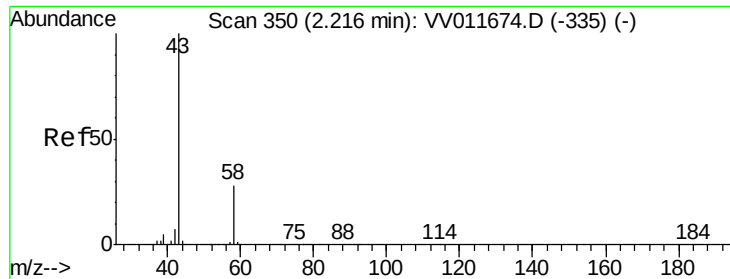
66 6.3 20.6 38.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 11.523 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV011694.D

Acq: 21 Jun 2019 19:27

Instrument :

MSVOA_V

ClientSampled :

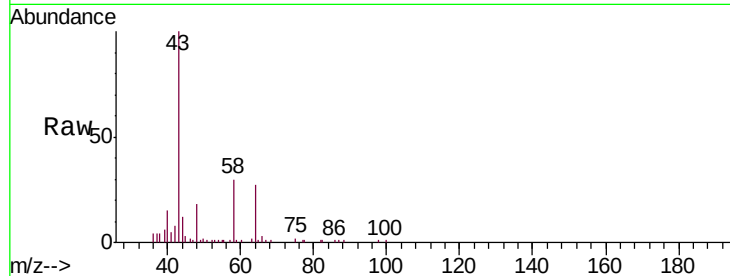
GALQ3

Tgt Ion: 43 Resp: 22270

Ion Ratio Lower Upper

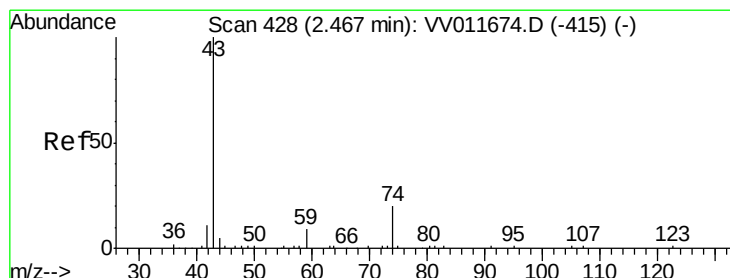
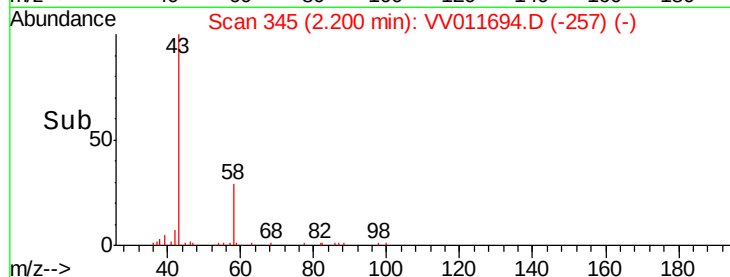
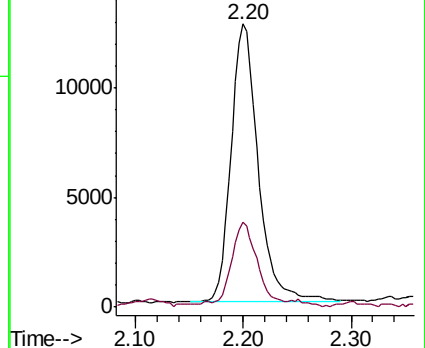
43 100

58 26.2 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) (-)



#15

Methyl Acetate

Concen: 4.500 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.27 min

Lab File: VV011694.D

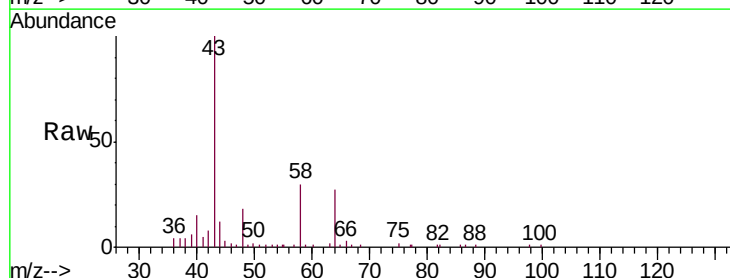
Acq: 21 Jun 2019 19:27

Tgt Ion: 43 Resp: 21653

Ion Ratio Lower Upper

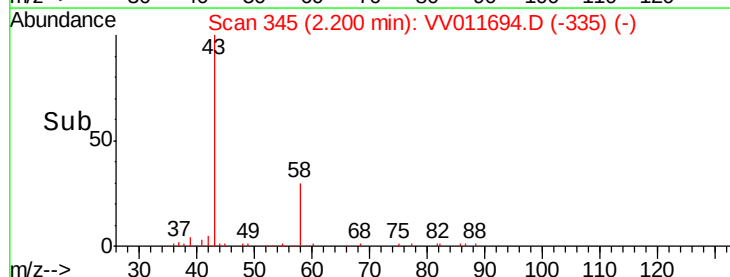
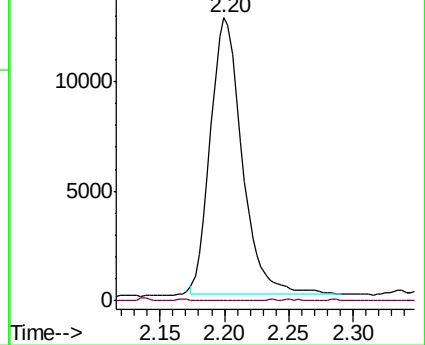
43 100

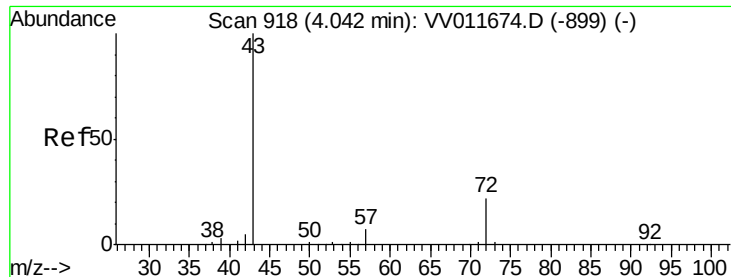
74 0.2 16.2 24.2#



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VV011674.D (-415) (-)





#21

2-Butanone

Concen: 2.059 ug/L

RT: 4.05 min Scan# 921

Delta R.T. 0.01 min

Lab File: VV011694.D

Acq: 21 Jun 2019 19:27

Instrument :

MSVOA_V

ClientSampleId :

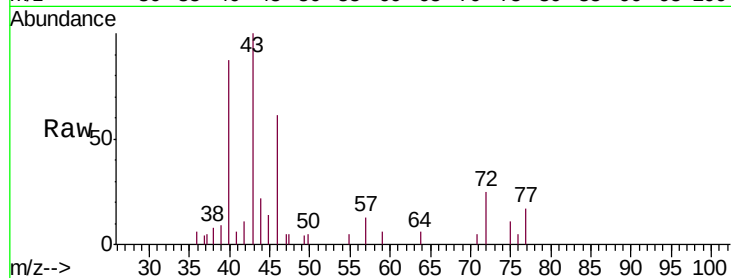
GALQ3

Tgt Ion: 43 Resp: 6410

Ion Ratio Lower Upper

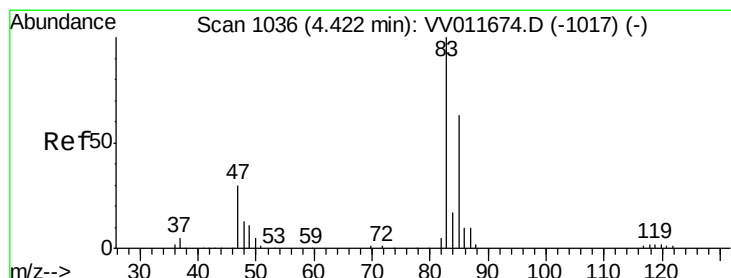
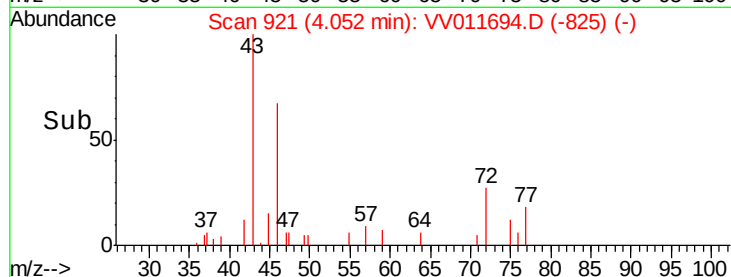
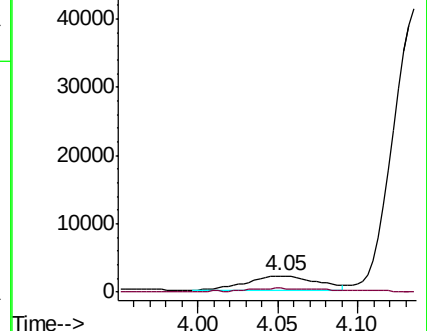
43 100

72 20.5 10.9 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV011674.D (-899) (-)



#25

Chloroform

Concen: 0.650 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011694.D

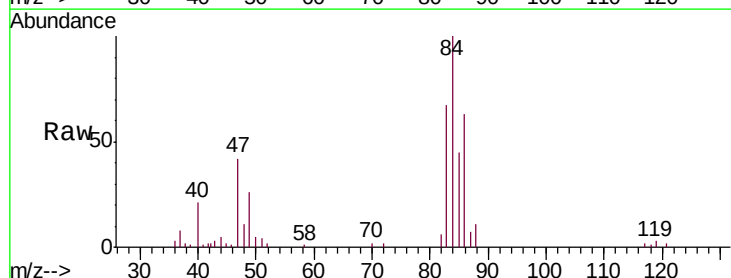
Acq: 21 Jun 2019 19:27

Tgt Ion: 83 Resp: 15797

Ion Ratio Lower Upper

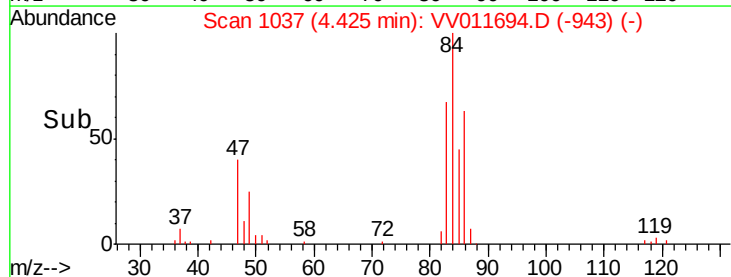
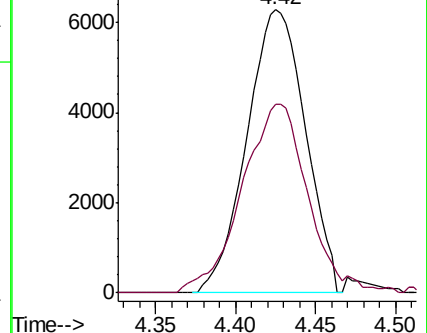
83 100

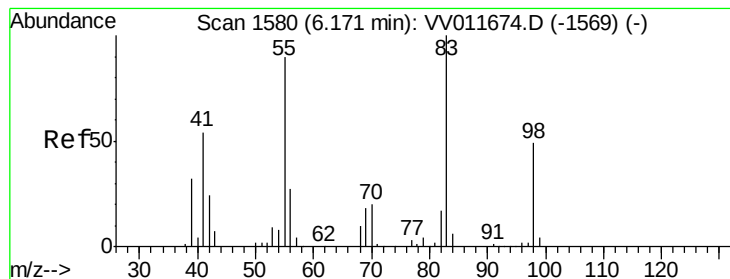
85 66.8 47.0 87.2



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

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





#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011694.D

Acq: 21 Jun 2019 19:27

Instrument :

MSVOA_V

ClientSampleId :

GALQ3

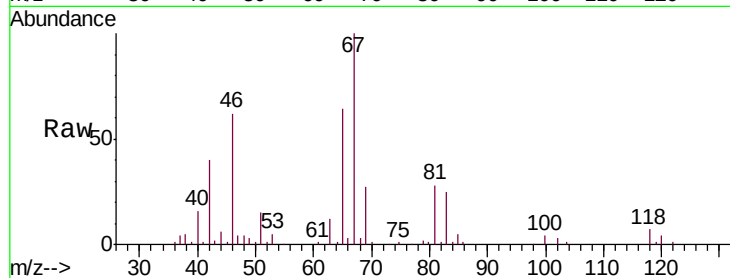
Tgt Ion: 83 Resp: 15273

Ion Ratio Lower Upper

83 100

55 0.7 69.4 104.2#

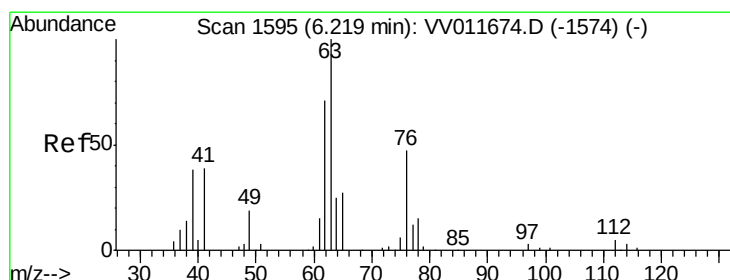
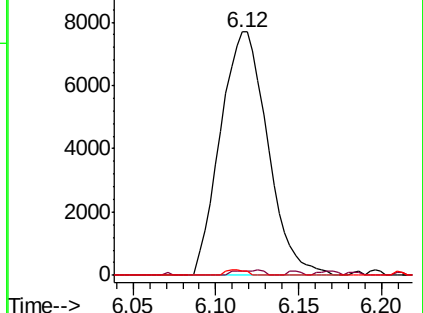
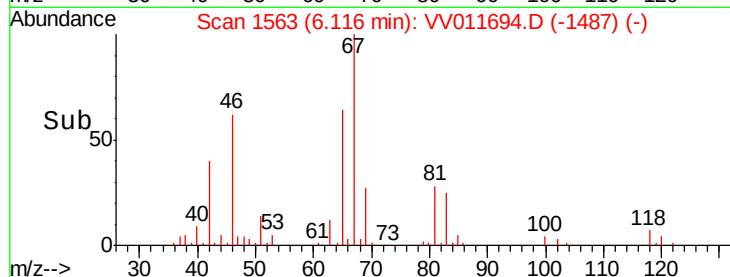
98 0.9 40.2 60.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011694.D

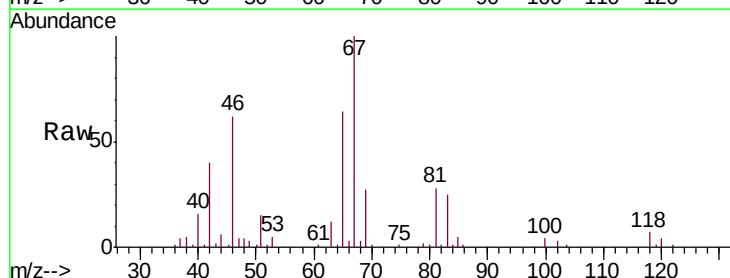
Acq: 21 Jun 2019 19:27

Tgt Ion: 63 Resp: 7788

Ion Ratio Lower Upper

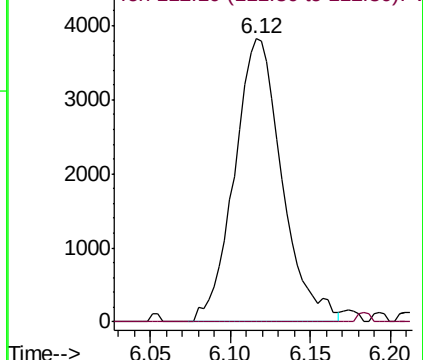
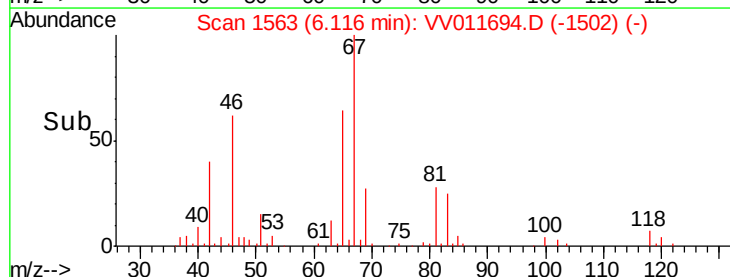
63 100

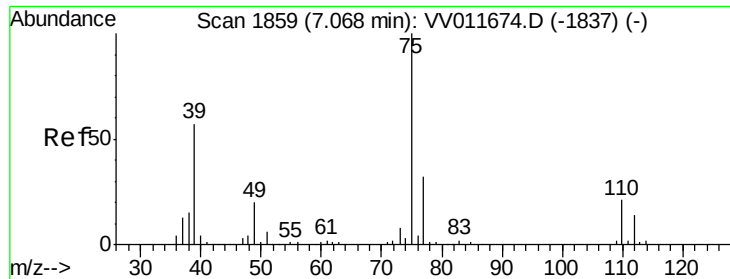
112 0.8 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011694.D

Acq: 21 Jun 2019 19:27

Instrument :

MSVOA_V

ClientSampleId :

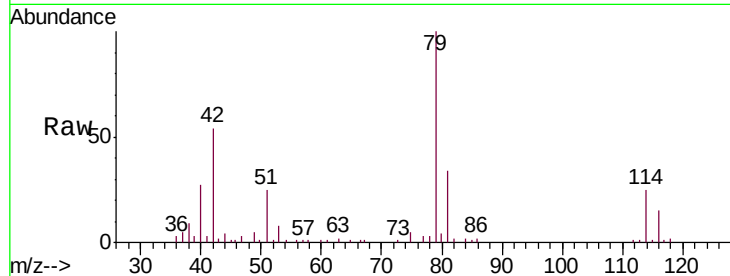
GALQ3

Tgt Ion: 75 Resp: 1668

Ion Ratio Lower Upper

75 100

77 53.8 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV011674.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV011674.D (-1837) (-)

7.03

800

600

400

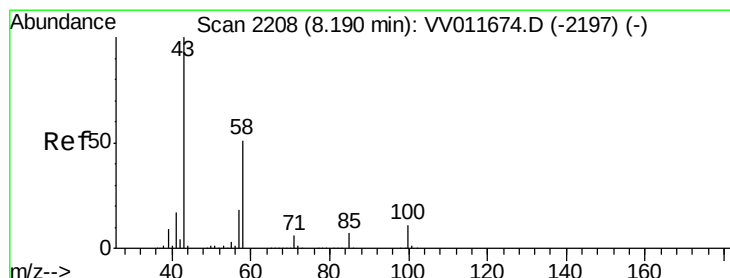
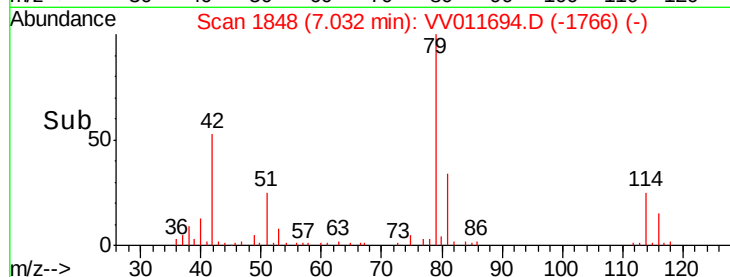
200

0

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 3.162 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011694.D

Acq: 21 Jun 2019 19:27

Tgt Ion: 43 Resp: 16636

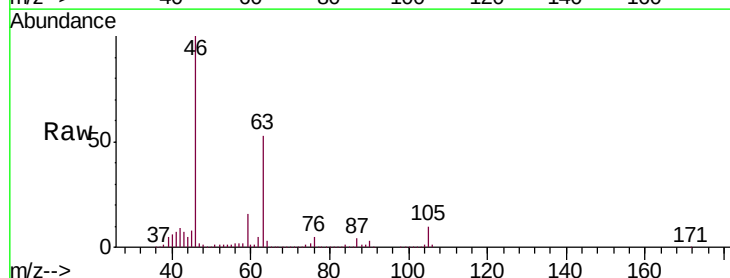
Ion Ratio Lower Upper

43 100

58 26.5 40.1 60.1#

57 25.1 14.4 21.6#

100 1.3 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011674.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011674.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011674.D (-2197) (-)

8.14

10000

5000

0

8.05

8.10

8.15

8.20

Time-->

