

Data File : VV011690.D
Acq On : 21 Jun 2019 17:46
Operator : SY/MD
Sample : K3415-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALP8

Quant Time: Jun 24 03:47:53 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	160701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46206	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	35261	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	73282	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.96	46	158121	56.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.56%
24) Chloroform-d	4.40	84	78594	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.08	65	59125	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	201831	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	63488	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	170260	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	19481	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	114663	54.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46127	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	57823	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

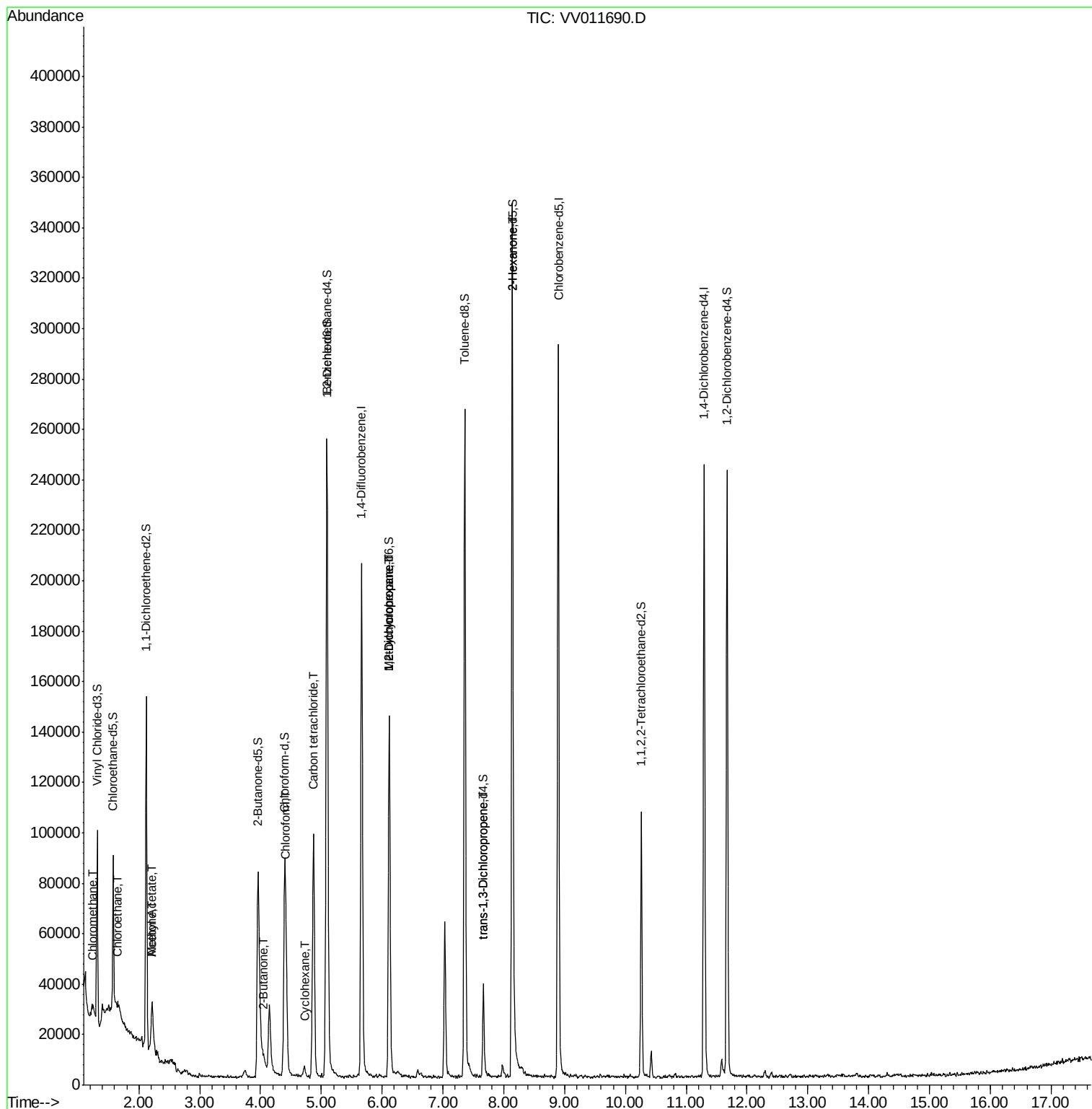
					Qvalue
3) Chloromethane	1.25	50	1755	0.116 ug/L	98
8) Chloroethane	1.65	64	885	0.114 ug/L #	57
13) Acetone	2.22	43	34167	16.835 ug/L	98
15) Methyl Acetate	2.22	43	31889	6.310 ug/L #	56
21) 2-Butanone	4.06	43	6425	1.965 ug/L	80
25) Chloroform	4.42	83	26703	1.046 ug/L	96
30) Cyclohexane	4.72	56	1733	0.079 ug/L #	80
31) Carbon tetrachloride	4.87	117	68127	4.196 ug/L	99
35) Methylcyclohexane	6.12	83	15565	0.735 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7531	0.600 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1110	0.091 ug/L #	73
48) 2-Hexanone	8.14	43	16106	2.908 ug/L #	70

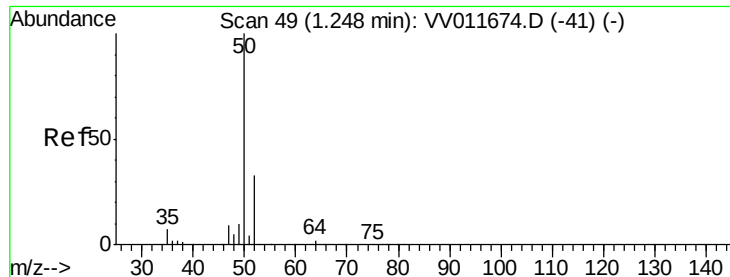
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.116 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011690.D

Acq: 21 Jun 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

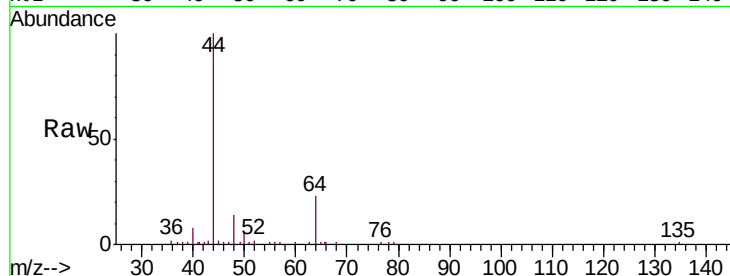
GALP8

Tgt Ion: 50 Resp: 1755

Ion Ratio Lower Upper

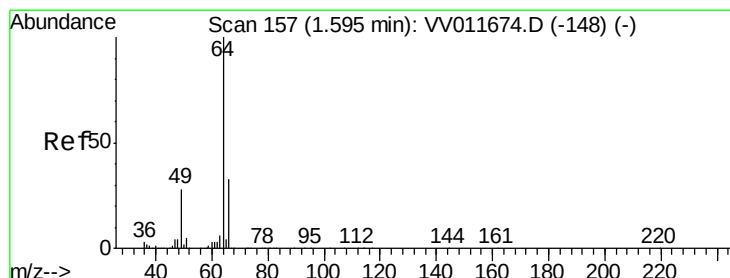
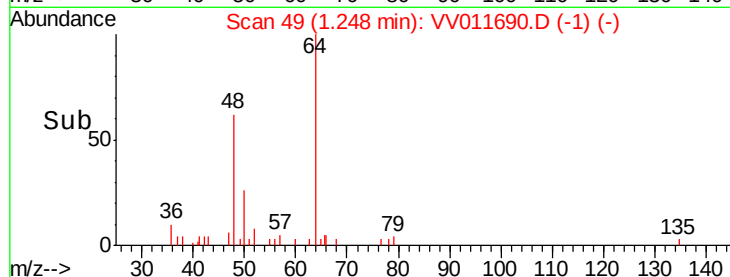
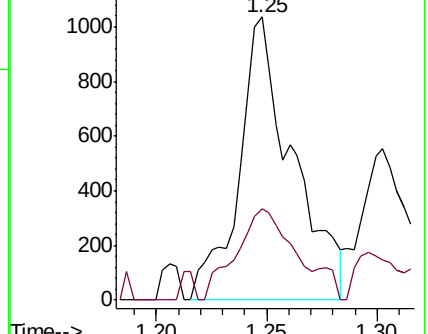
50 100

52 32.2 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV011674.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV011674.D (-41) (-)



#8

Chloroethane

Concen: 0.114 ug/L

RT: 1.65 min Scan# 175

Delta R.T. 0.06 min

Lab File: VV011690.D

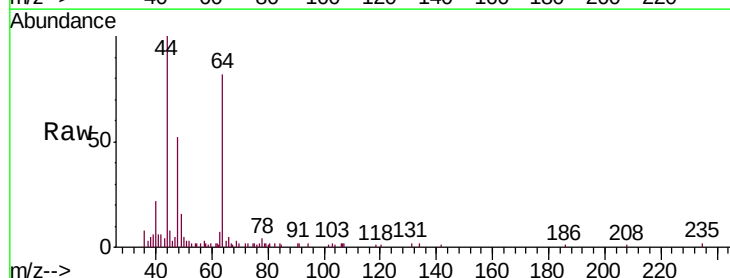
Acq: 21 Jun 2019 17:46

Tgt Ion: 64 Resp: 885

Ion Ratio Lower Upper

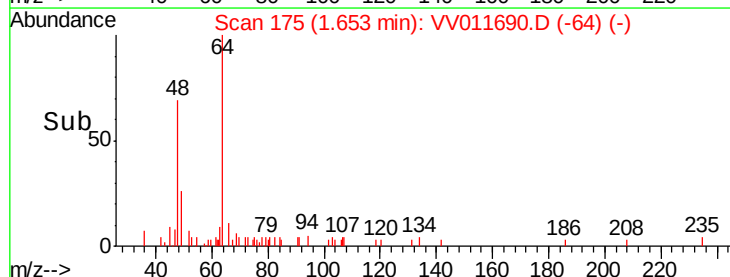
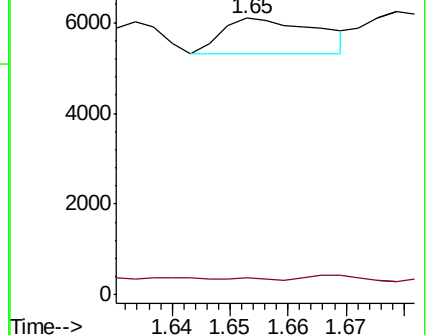
64 100

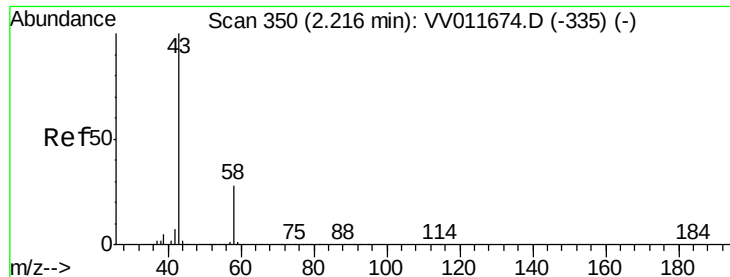
66 6.3 20.6 38.4#



Abundance Ion 64.10 (63.80 to 64.80): VV011674.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV011674.D (-148) (-)





#13

Acetone

Concen: 16.835 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV011690.D

Acq: 21 Jun 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

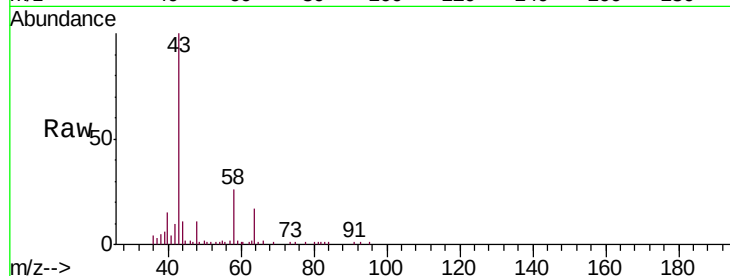
GALP8

Tgt Ion: 43 Resp: 34167

Ion Ratio Lower Upper

43 100

58 27.0 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

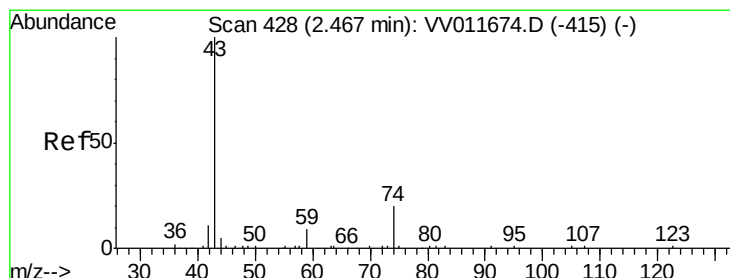
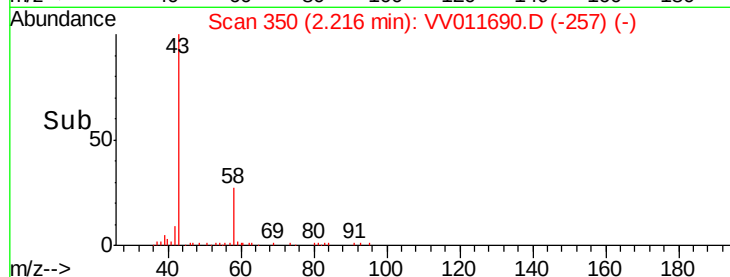
15000

10000

5000

0

Time--> 2.10 2.20 2.30



#15

Methyl Acetate

Concen: 6.310 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.25 min

Lab File: VV011690.D

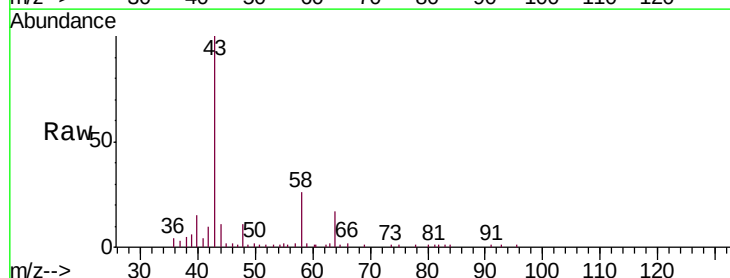
Acq: 21 Jun 2019 17:46

Tgt Ion: 43 Resp: 31889

Ion Ratio Lower Upper

43 100

74 0.1 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) (-)

2.22

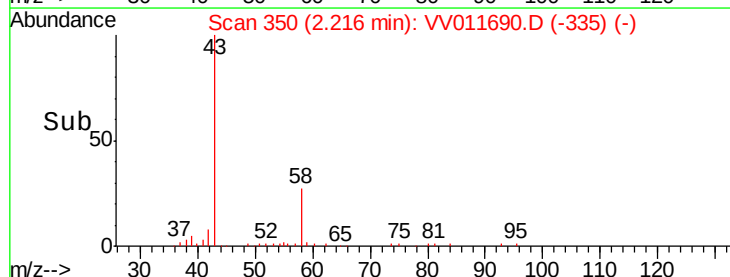
15000

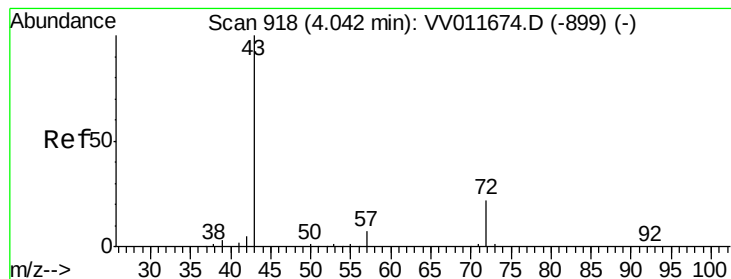
10000

5000

0

Time--> 2.15 2.20 2.25 2.30 2.35





#21

2-Butanone

Concen: 1.965 ug/L

RT: 4.06 min Scan# 923

Delta R.T. 0.02 min

Lab File: VV011690.D

Acq: 21 Jun 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

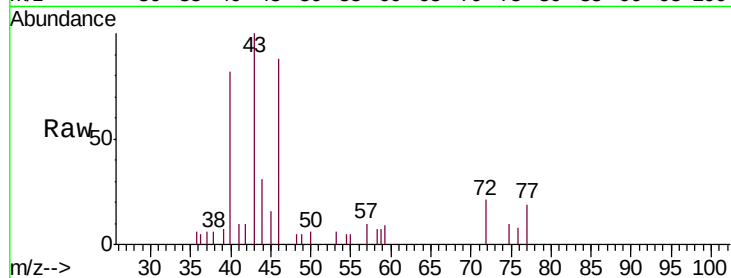
GALP8

Tgt Ion: 43 Resp: 6425

Ion Ratio Lower Upper

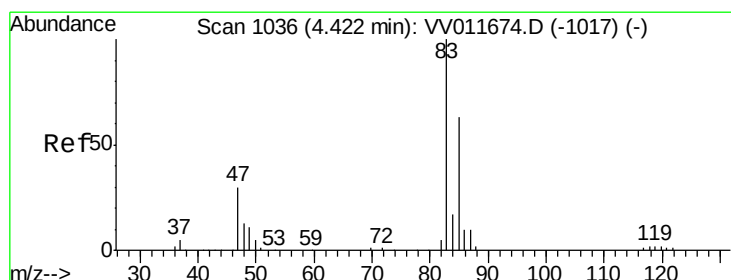
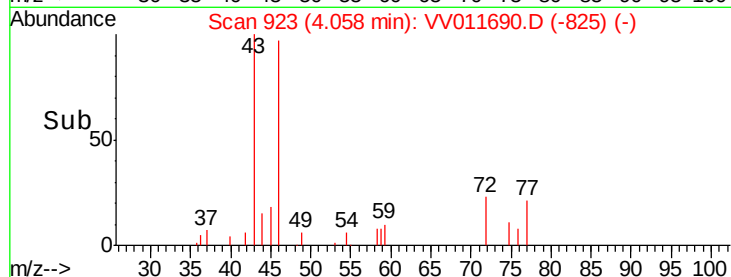
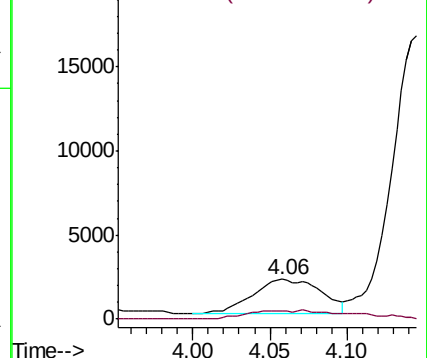
43 100

72 12.4 10.9 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 1.046 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011690.D

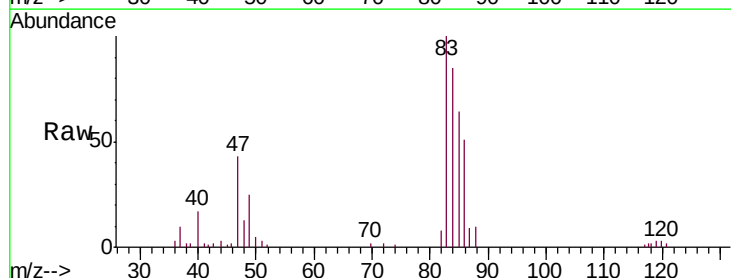
Acq: 21 Jun 2019 17:46

Tgt Ion: 83 Resp: 26703

Ion Ratio Lower Upper

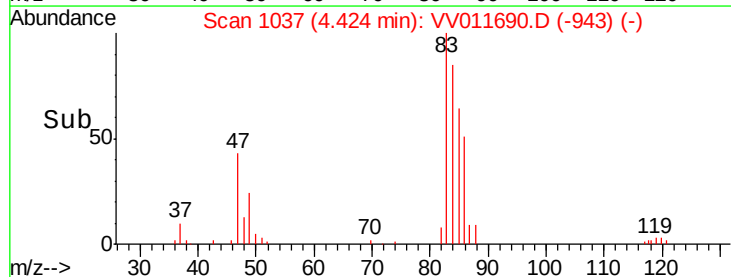
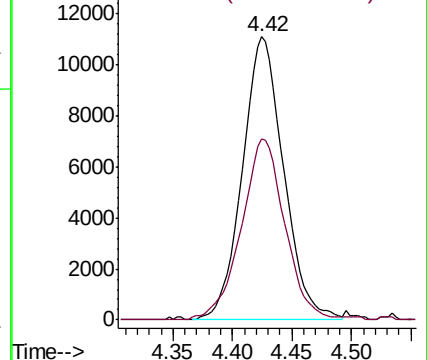
83 100

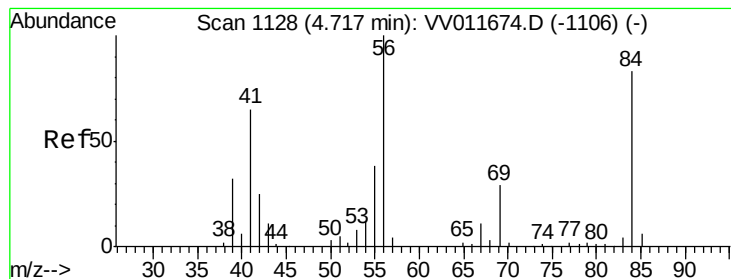
85 63.8 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#30

Cyclohexane

Concen: 0.079 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VV011690.D

Acq: 21 Jun 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

GALP8

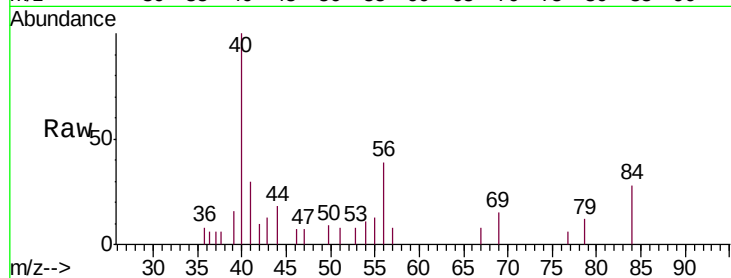
Tgt Ion: 56 Resp: 1733

Ion Ratio Lower Upper

56 100

69 28.4 23.2 34.8

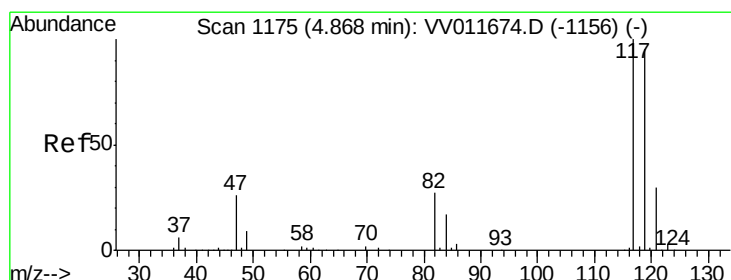
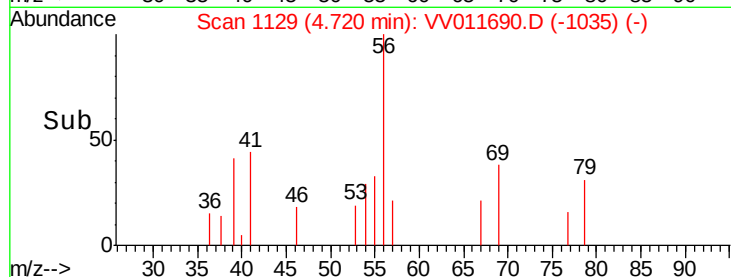
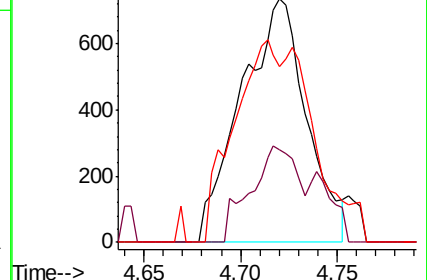
84 57.8 65.0 97.4#



Abundance Ion 56.10 (55.80 to 56.80): VV011690.D (-1035) (-)

Ion 69.15 (68.85 to 69.85): VV011690.D (-1035) (-)

Ion 84.15 (83.85 to 84.85): VV011690.D (-1035) (-)



#31

Carbon tetrachloride

Concen: 4.196 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV011690.D

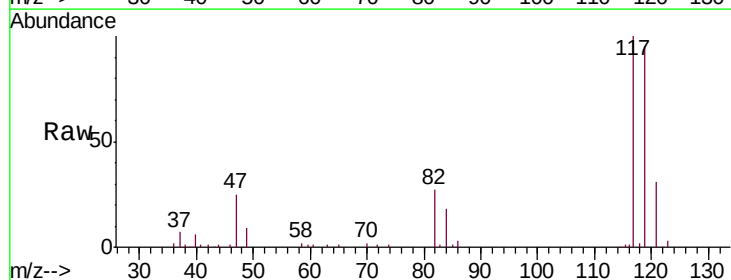
Acq: 21 Jun 2019 17:46

Tgt Ion: 117 Resp: 68127

Ion Ratio Lower Upper

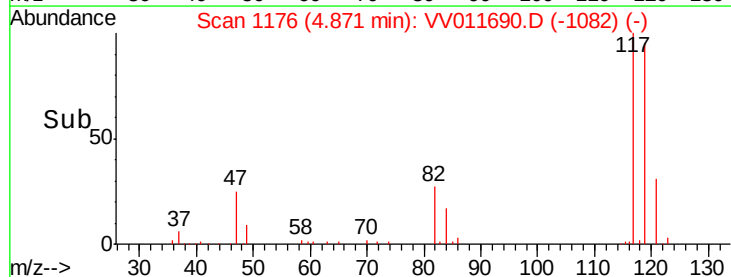
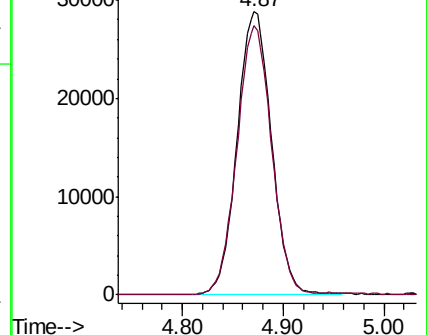
117 100

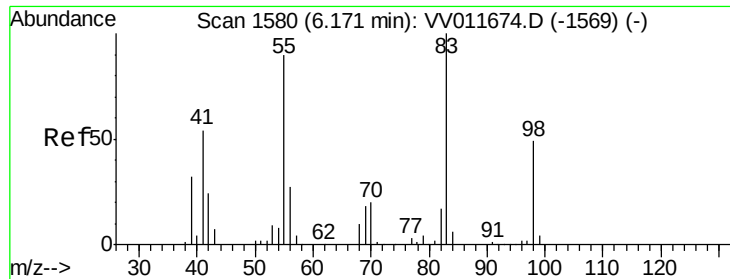
119 95.7 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): VV011690.D (-1082) (-)

Ion 118.90 (118.60 to 119.60): VV011690.D (-1082) (-)

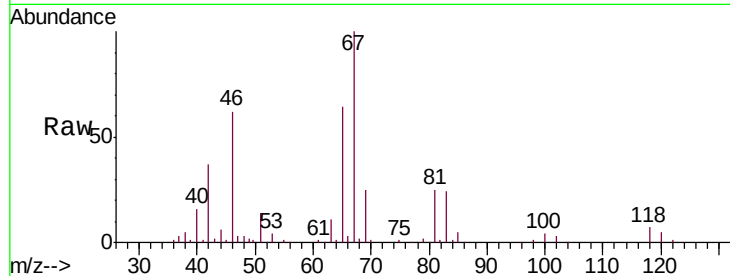




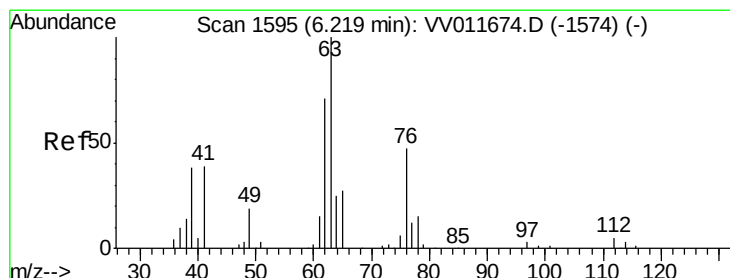
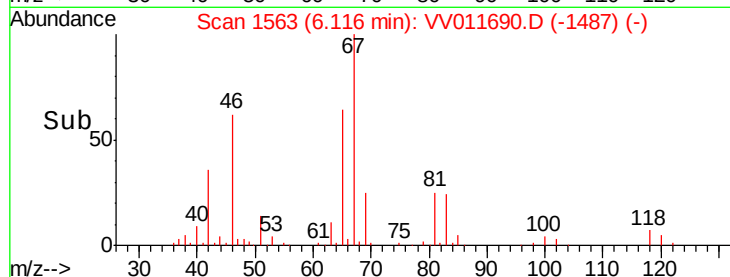
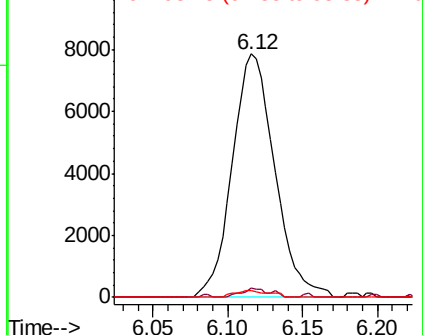
#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011690.D
Acq: 21 Jun 2019 17:46

Instrument :
MSVOA_V
ClientSampled :
GALP8

Tgt Ion: 83 Resp: 15565
Ion Ratio Lower Upper
83 100
55 2.5 69.4 104.2#
98 2.3 40.2 60.4#

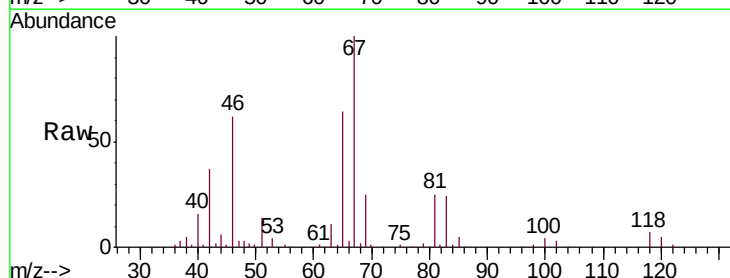


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

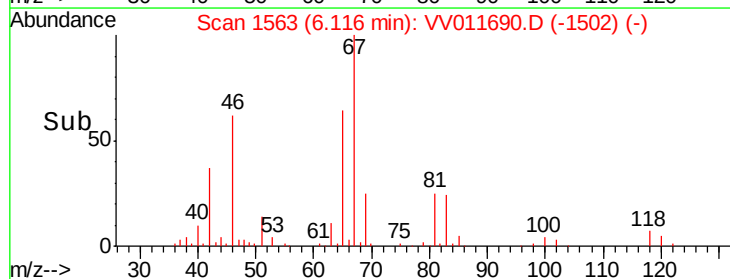
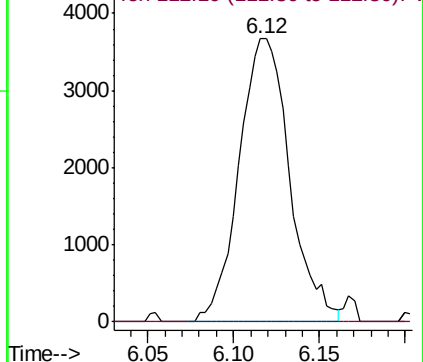


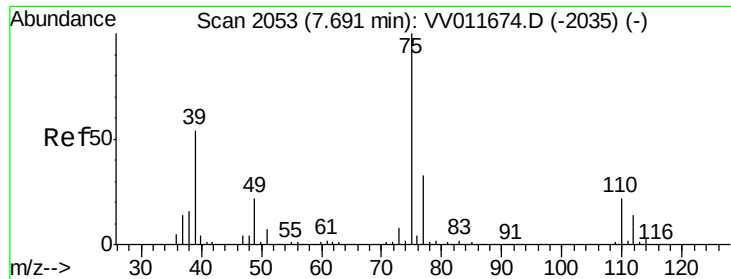
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011690.D
Acq: 21 Jun 2019 17:46

Tgt Ion: 63 Resp: 7531
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

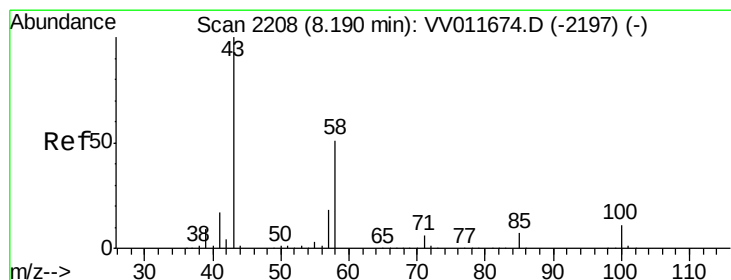
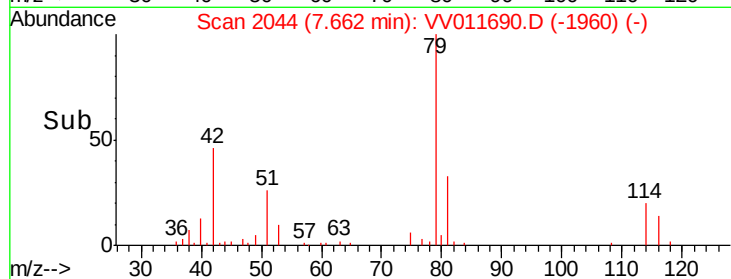
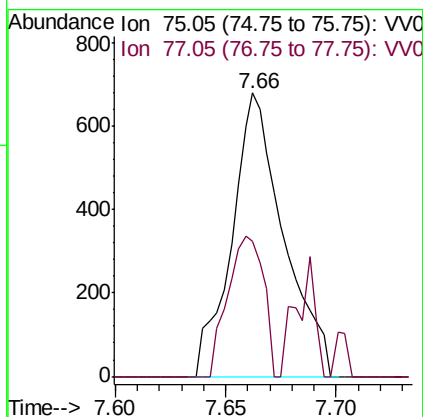
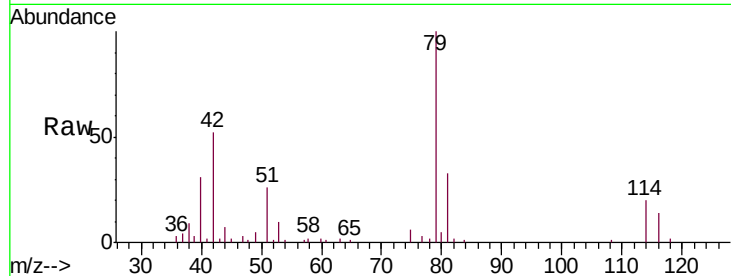




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011690.D
Acq: 21 Jun 2019 17:46

Instrument :
MSVOA_V
ClientSampleId :
GALP8

Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
77 47.6 22.7 42.1#



#48
2-Hexanone
Concen: 2.908 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011690.D
Acq: 21 Jun 2019 17:46

Tgt Ion: 43 Resp: 16106
Ion Ratio Lower Upper
43 100
58 28.1 40.1 60.1#
57 29.5 14.4 21.6#
100 1.5 8.6 12.8#

