

Data File : VV011218.D
Acq On : 04 Jun 2019 20:55
Operator : SY/MD
Sample : K3081-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALE7

Quant Time: Jun 05 01:46:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174463	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161742	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61920	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.56	69	48423	4.41	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.12	63	95198	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.94	46	162767	54.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	4.40	84	108704	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	62749	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.09	84	227712	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	69920	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	205412	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	24431	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.13	63	133366	55.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50934	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67139	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

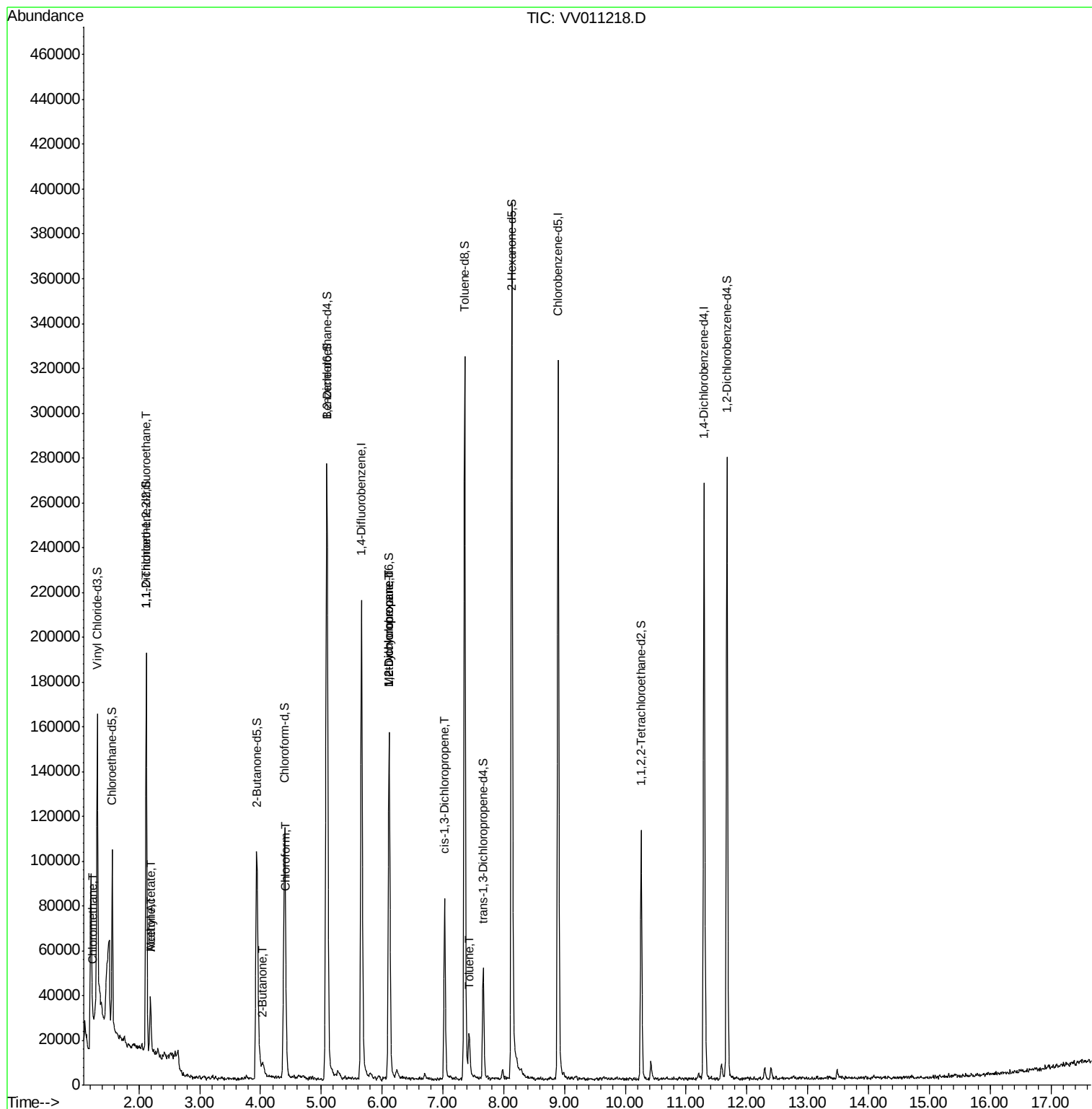
					Qvalue
3) Chloromethane	1.25	50	1598	0.096 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	964	0.085 ug/L #	25
13) Acetone	2.19	43	23588	11.821 ug/L	95
15) Methyl Acetate	2.19	43	20269	3.824 ug/L #	54
21) 2-Butanone	4.04	43	8140	2.649 ug/L	98
25) Chloroform	4.42	83	2905	0.116 ug/L	99
35) Methylcyclohexane	6.12	83	16660	0.758 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8352	0.652 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2125	0.113 ug/L #	59
42) Toluene	7.43	91	11587	0.211 ug/L	97

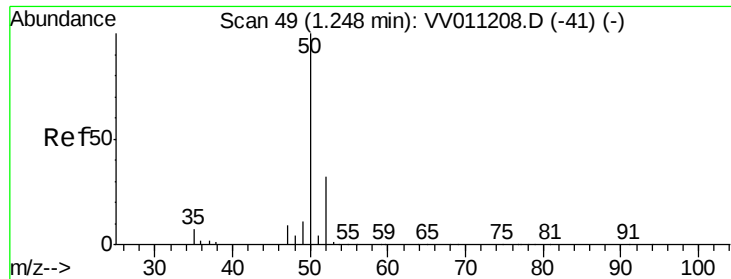
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011218.D
Acq On : 04 Jun 2019 20:55
Operator : SY/MD
Sample : K3081-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALE7

Quant Time: Jun 05 01:46:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011218.D

Acq: 04 Jun 2019 20:55

Instrument :

MSVOA_V

ClientSampleId :

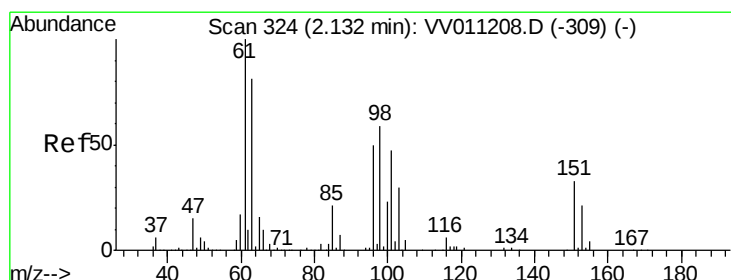
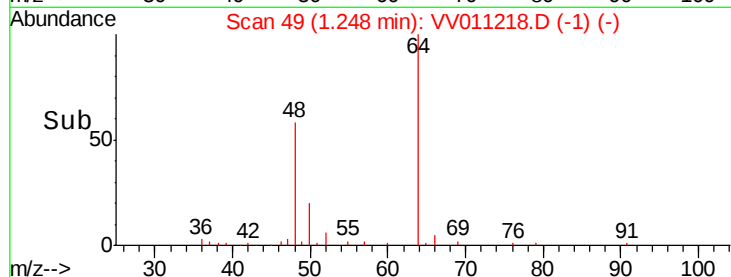
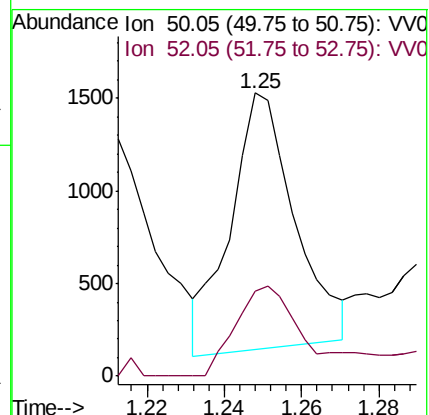
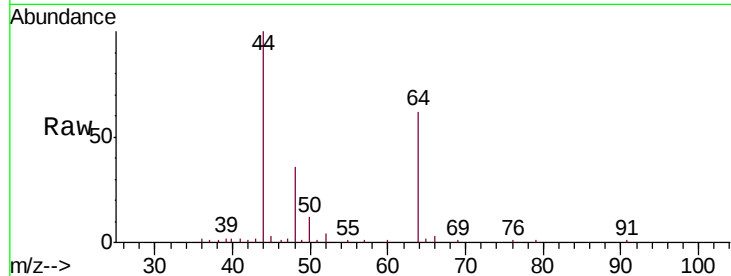
GALE7

Tgt Ion: 50 Resp: 1598

Ion Ratio Lower Upper

50 100

52 29.9 22.3 41.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.085 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011218.D

Acq: 04 Jun 2019 20:55

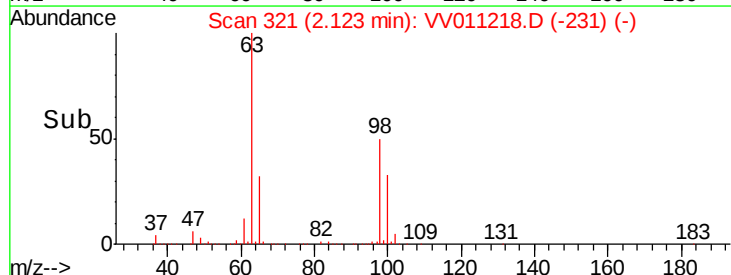
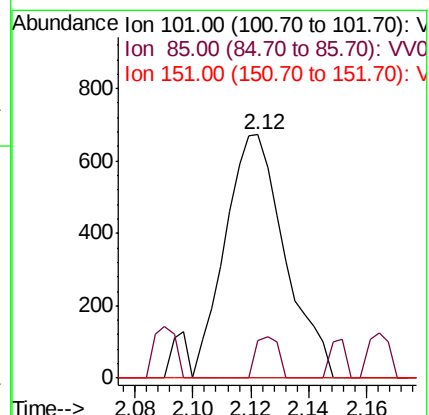
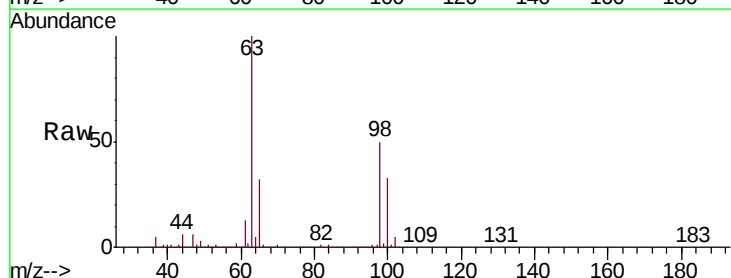
Tgt Ion: 101 Resp: 964

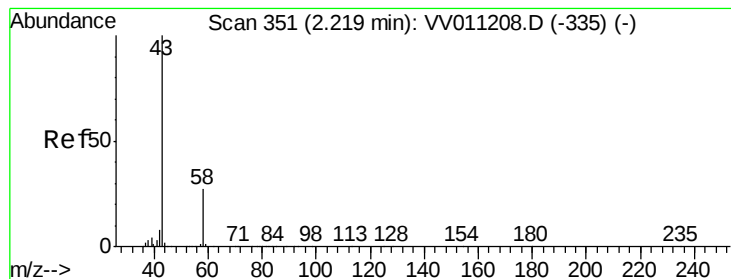
Ion Ratio Lower Upper

101 100

85 6.4 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 11.821 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011218.D

Acq: 04 Jun 2019 20:55

Instrument :

MSVOA_V

ClientSampleId :

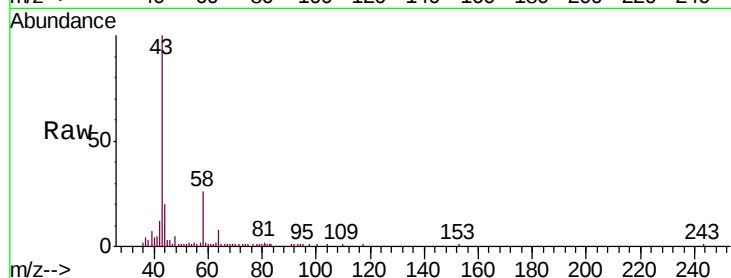
GALE7

Tgt Ion: 43 Resp: 23588

Ion Ratio Lower Upper

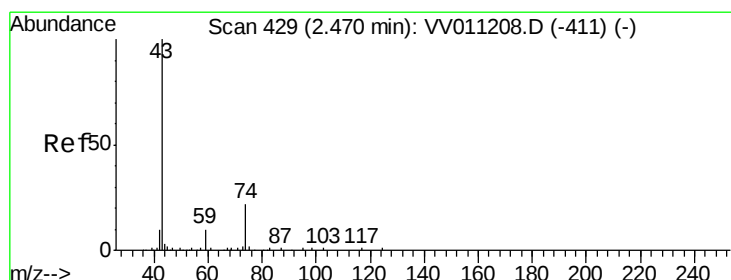
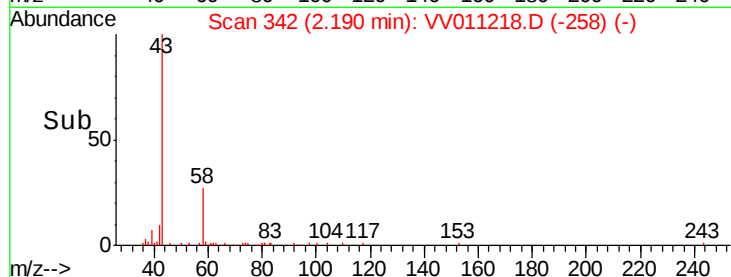
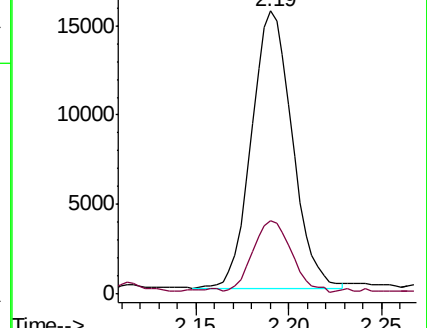
43 100

58 25.0 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011218.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV011218.D (-335) (-)



#15

Methyl Acetate

Concen: 3.824 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.28 min

Lab File: VV011218.D

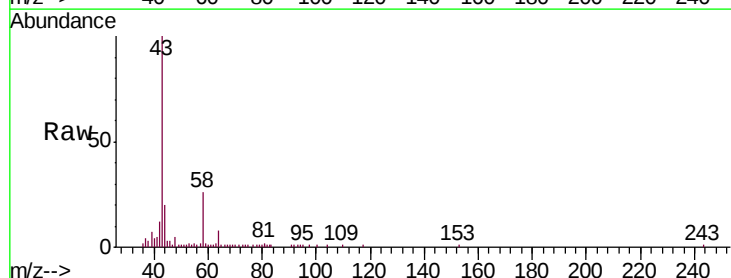
Acq: 04 Jun 2019 20:55

Tgt Ion: 43 Resp: 20269

Ion Ratio Lower Upper

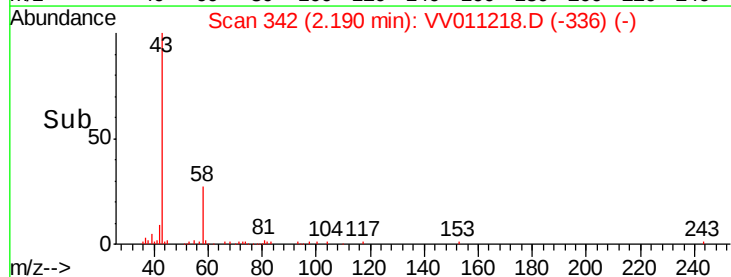
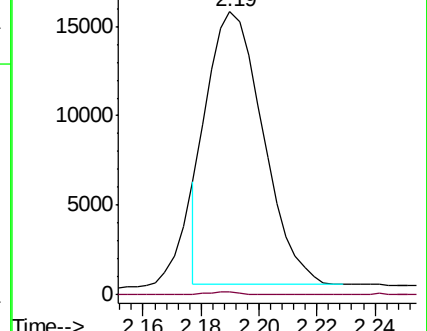
43 100

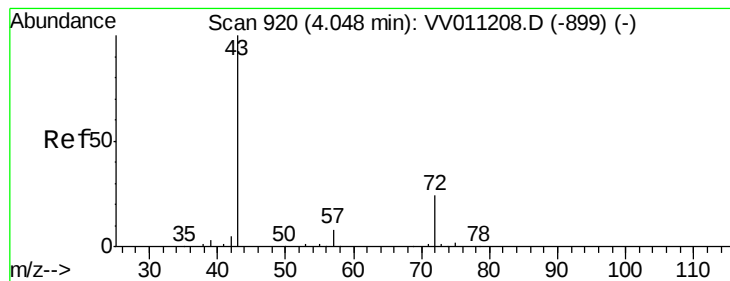
74 0.6 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011218.D (-336) (-)

Ion 74.05 (73.75 to 74.75): VV011218.D (-336) (-)





#21

2-Butanone

Concen: 2.649 ug/L

RT: 4.04 min Scan# 917

Delta R.T. -0.01 min

Lab File: VV011218.D

Acq: 04 Jun 2019 20:55

Instrument :

MSVOA_V

ClientSampled :

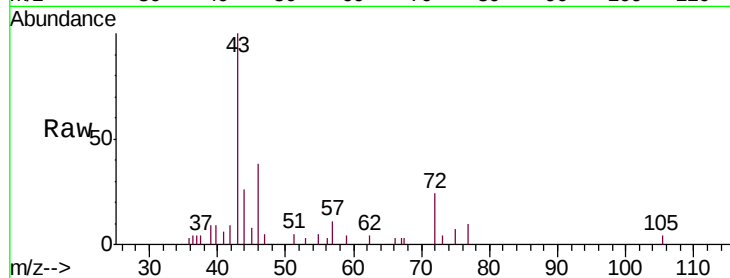
GALE7

Tgt Ion: 43 Resp: 8140

Ion Ratio Lower Upper

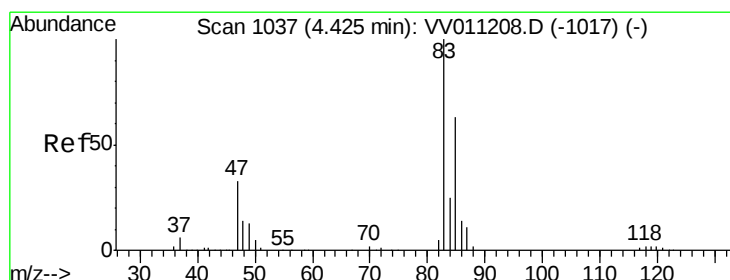
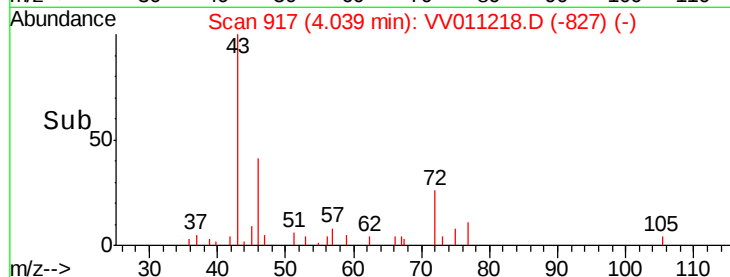
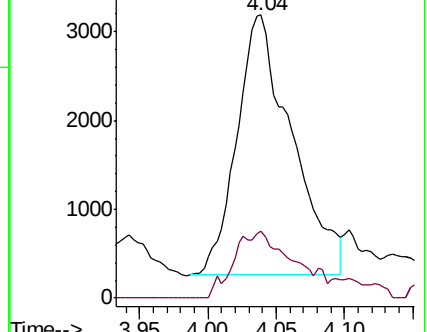
43 100

72 26.4 12.7 38.1



Abundance Ion 43.05 (42.75 to 43.75): VV011218.D (-917) (-)

Ion 72.10 (71.80 to 72.80): VV011218.D (-917) (-)



#25

Chloroform

Concen: 0.116 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV011218.D

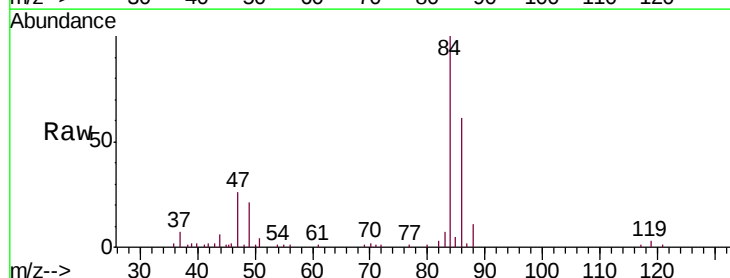
Acq: 04 Jun 2019 20:55

Tgt Ion: 83 Resp: 2905

Ion Ratio Lower Upper

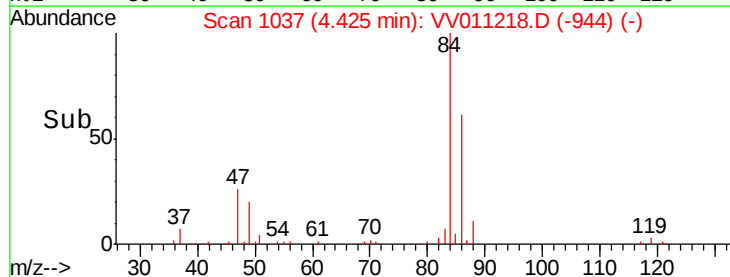
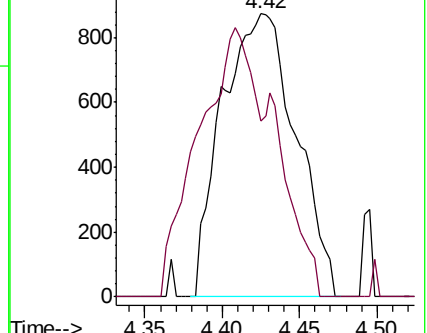
83 100

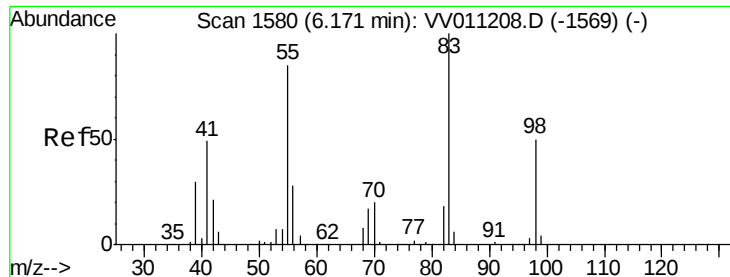
85 62.3 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV011218.D (-944) (-)

Ion 85.00 (84.70 to 85.70): VV011218.D (-944) (-)

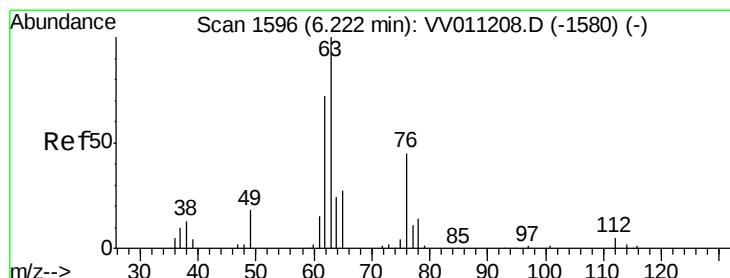
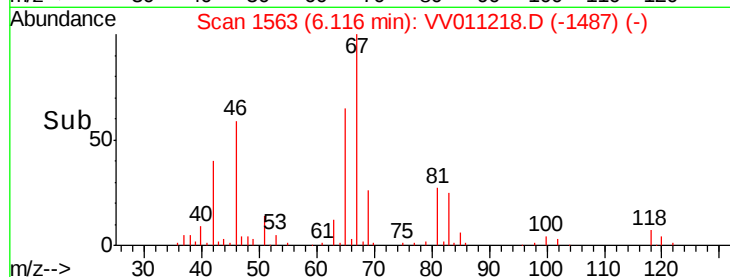
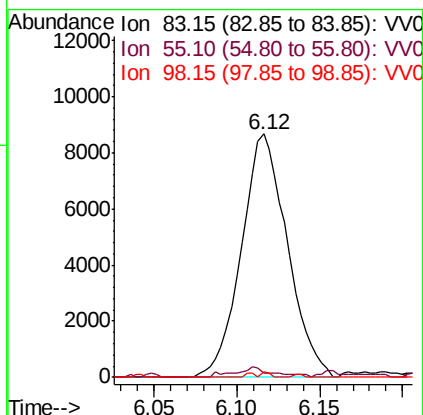
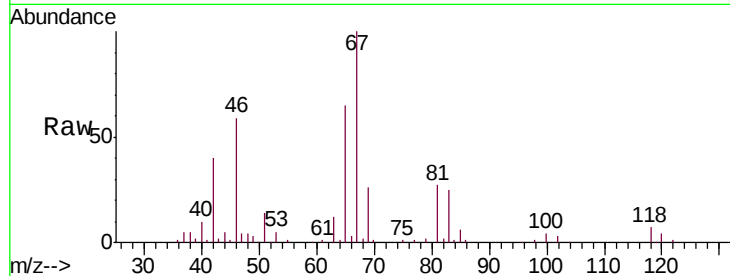




#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011218.D
Acq: 04 Jun 2019 20:55

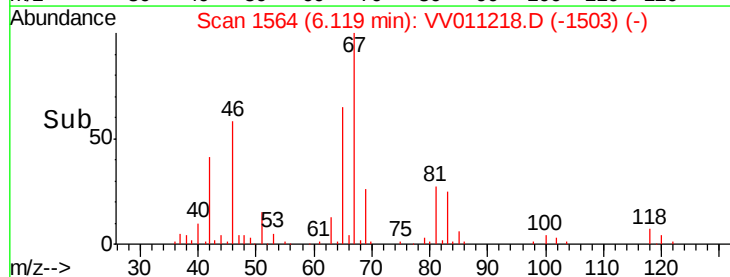
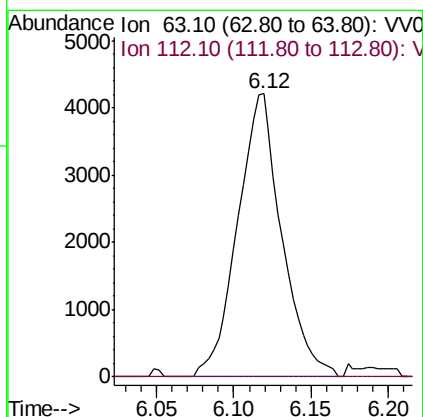
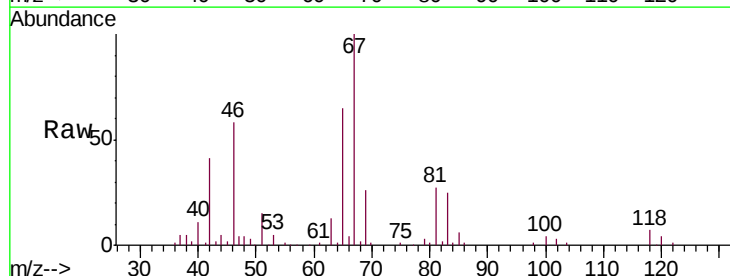
Instrument :
MSVOA_V
ClientSampleId :
GALE7

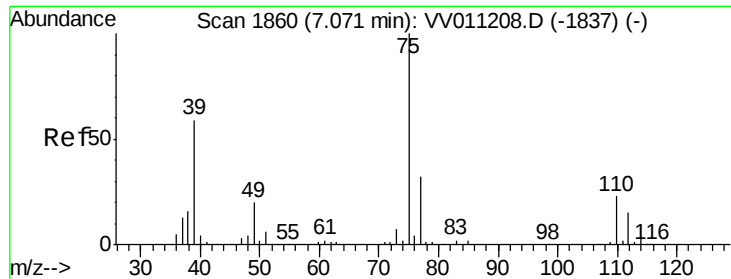
Tgt Ion: 83 Resp: 16660
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.4 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011218.D
Acq: 04 Jun 2019 20:55

Tgt Ion: 63 Resp: 8352
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

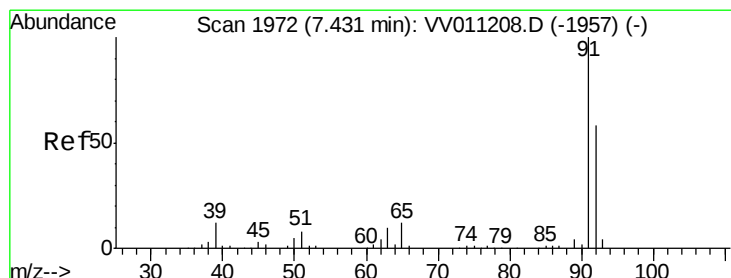
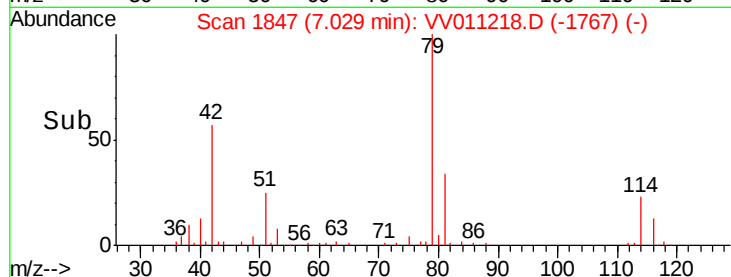
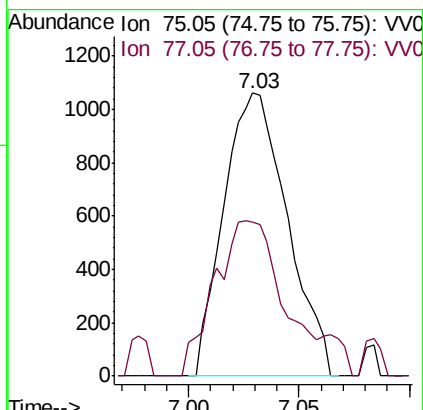
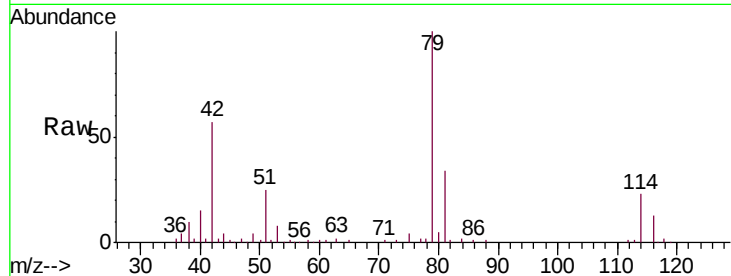




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011218.D
 Acq: 04 Jun 2019 20:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GALE7

Tgt Ion: 75 Resp: 2125
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.2 41.2#



#42
 Toluene
 Concen: 0.211 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011218.D
 Acq: 04 Jun 2019 20:55

Tgt Ion: 91 Resp: 11587
 Ion Ratio Lower Upper
 91 100
 92 54.8 39.9 74.1

