

Data File : VV012417.D
Acq On : 27 Aug 2019 10:26
Operator : SY/MD
Sample : K4501-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL8

Quant Time: Aug 28 07:38:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225096	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53031	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	39743	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	73275	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.95	46	147179	48.54	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.40	84	117518	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	59826	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	231640	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.12	67	75161	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	182292	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.67	79	23026	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.14	63	65133	34.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38873	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	63893	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

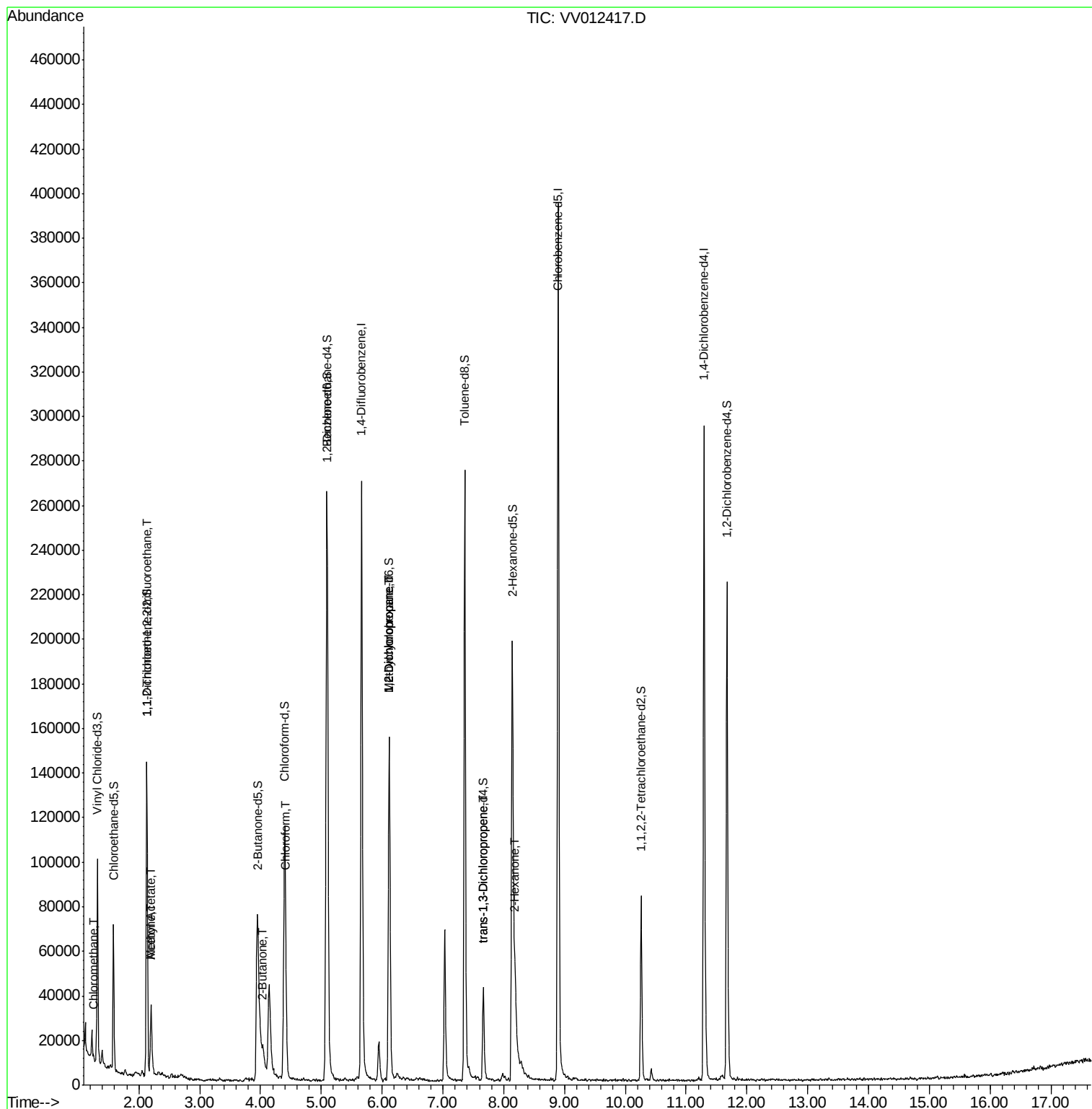
						Qvalue
3) Chloromethane	1.25	50	2389	0.162	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	775	0.078	ug/L #	14
13) Acetone	2.20	43	38905	29.661	ug/L	95
15) Methyl Acetate	2.20	43	36107	10.936	ug/L #	48
21) 2-Butanone	4.04	43	16010	5.197	ug/L	92
25) Chloroform	4.42	83	2997	0.108	ug/L	94
35) Methylcyclohexane	6.12	83	17360	0.732	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8388	0.592	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1025	0.071	ug/L #	79
48) 2-Hexanone	8.19	43	22051	4.024	ug/L #	80

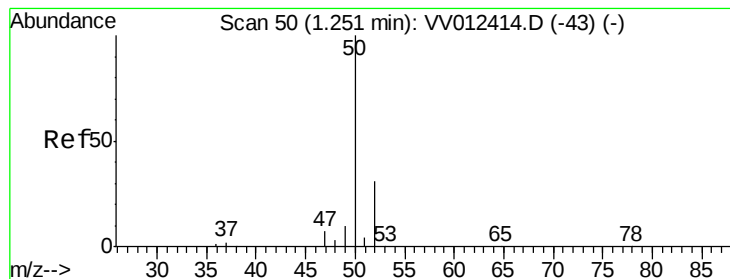
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.162 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012417.D

Acq: 27 Aug 2019 10:26

Instrument :

MSVOA_V

ClientSampleId :

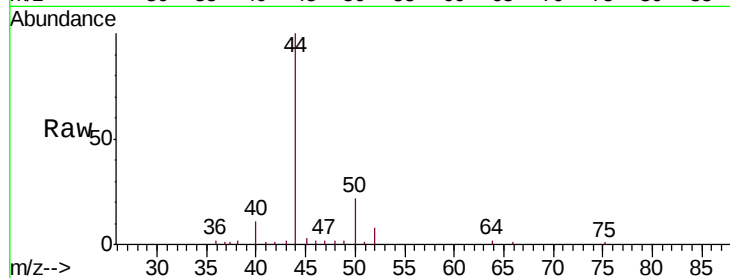
GANL8

Tgt Ion: 50 Resp: 2389

Ion Ratio Lower Upper

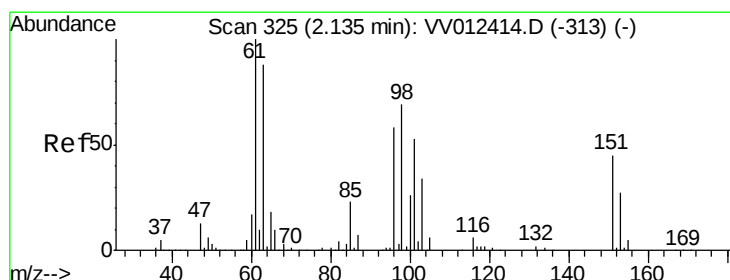
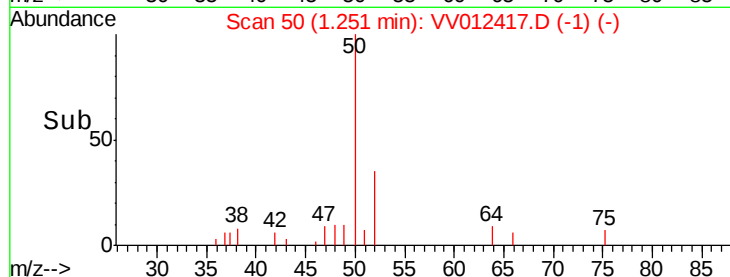
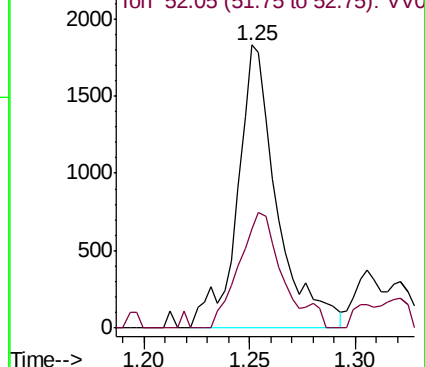
50 100

52 35.2 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV012417.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV012417.D (-43) (-)



#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012417.D

Acq: 27 Aug 2019 10:26

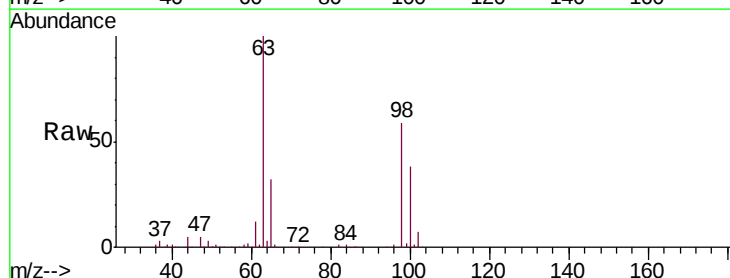
Tgt Ion: 101 Resp: 775

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

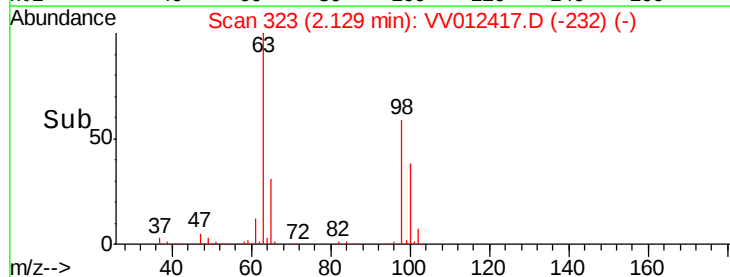
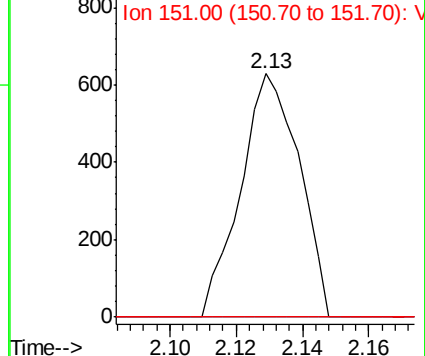
151 0.0 71.2 106.8#

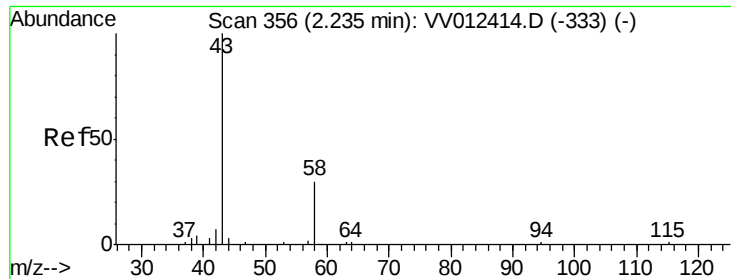


Abundance Ion 101.00 (100.70 to 101.70): VV012417.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV012417.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV012417.D (-313) (-)





#13

Acetone

Concen: 29.661 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV012417.D

Acq: 27 Aug 2019 10:26

Instrument :

MSVOA_V

ClientSampleId :

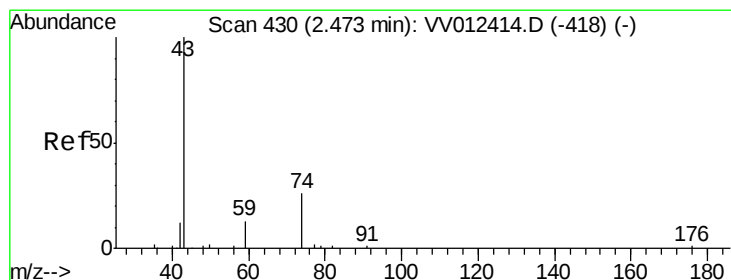
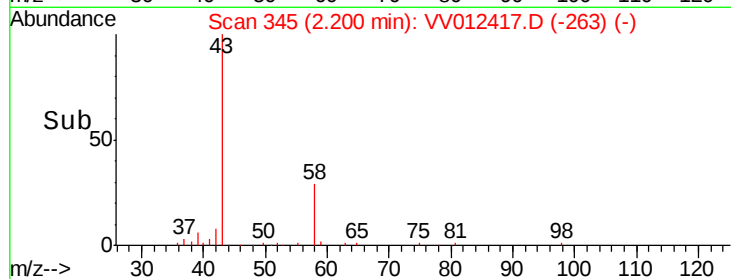
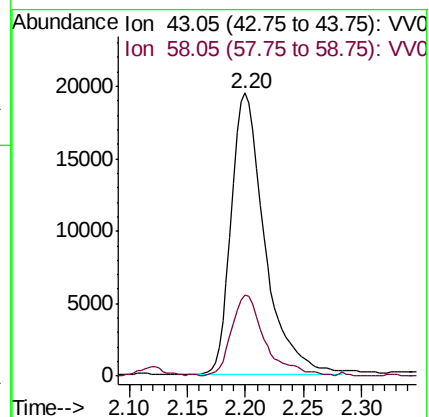
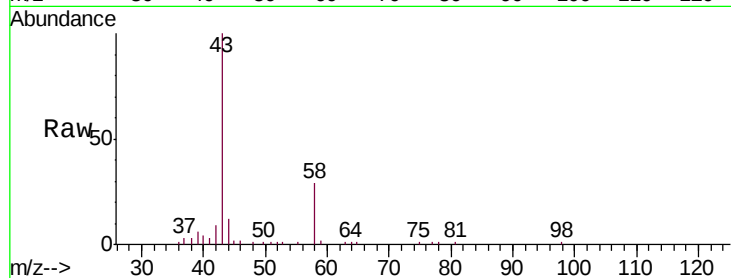
GANL8

Tgt Ion: 43 Resp: 38905

Ion Ratio Lower Upper

43 100

58 28.9 0.0 62.8



#15

Methyl Acetate

Concen: 10.936 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.27 min

Lab File: VV012417.D

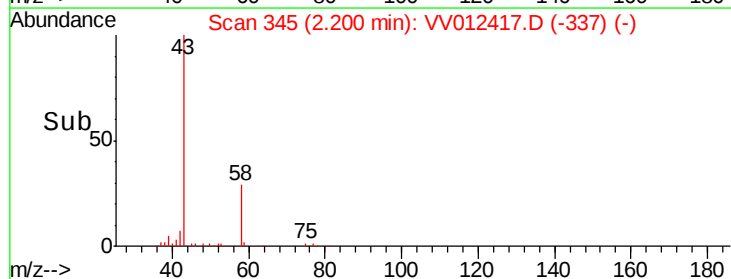
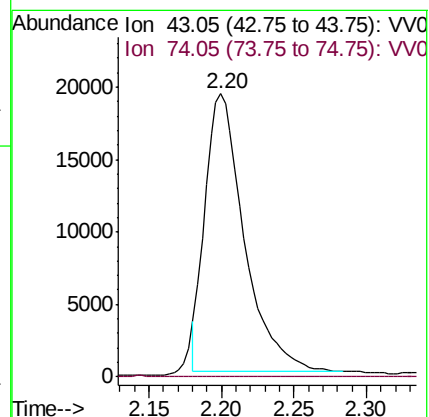
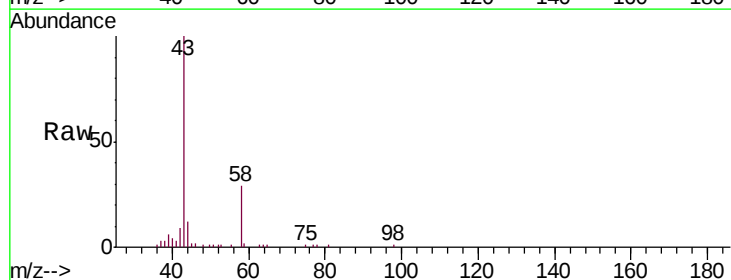
Acq: 27 Aug 2019 10:26

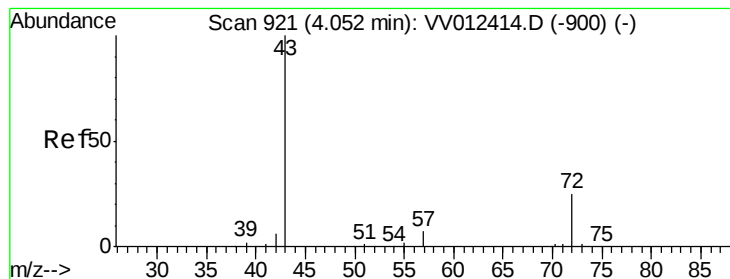
Tgt Ion: 43 Resp: 36107

Ion Ratio Lower Upper

43 100

74 0.1 21.8 32.6#





#21

2-Butanone

Concen: 5.197 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.01 min

Lab File: VV012417.D

Acq: 27 Aug 2019 10:26

Instrument :

MSVOA_V

ClientSampleId :

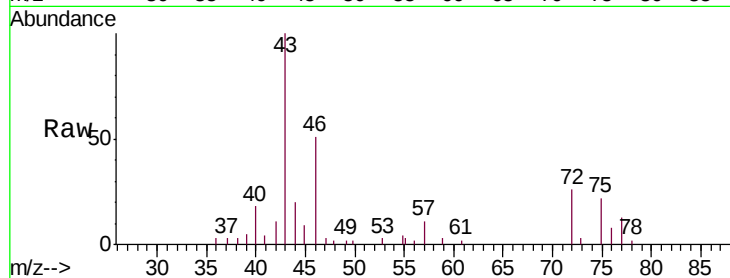
GANL8

Tgt Ion: 43 Resp: 16010

Ion Ratio Lower Upper

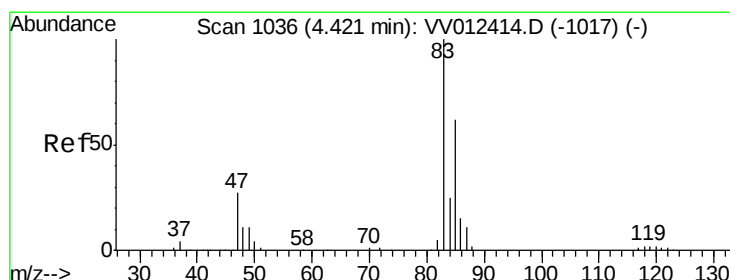
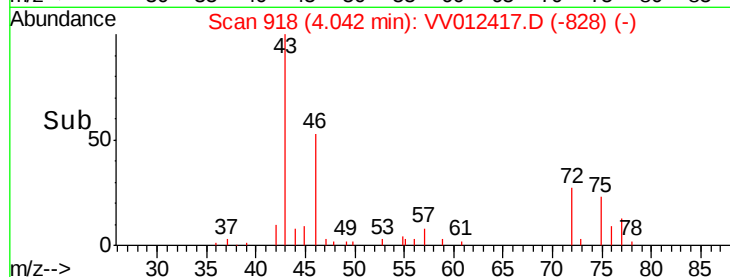
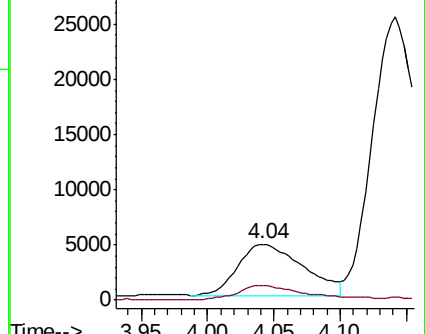
43 100

72 28.2 12.2 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.108 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012417.D

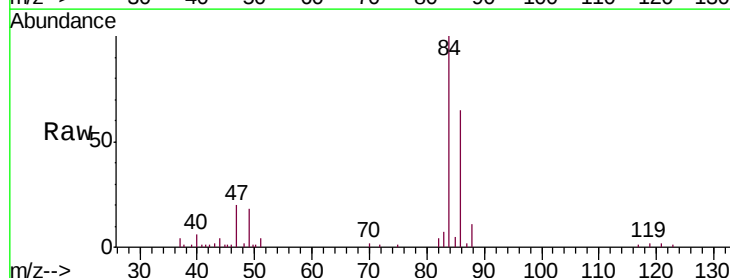
Acq: 27 Aug 2019 10:26

Tgt Ion: 83 Resp: 2997

Ion Ratio Lower Upper

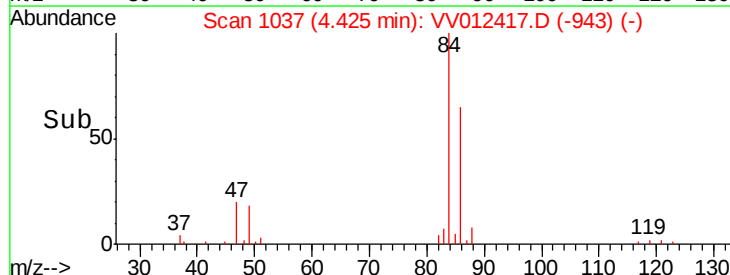
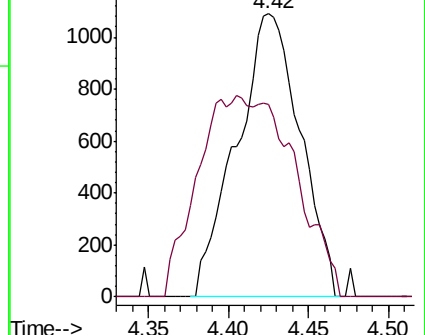
83 100

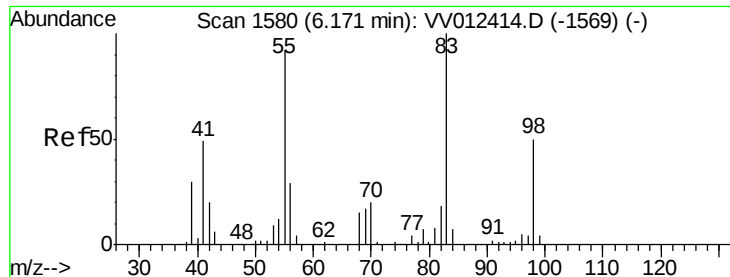
85 68.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

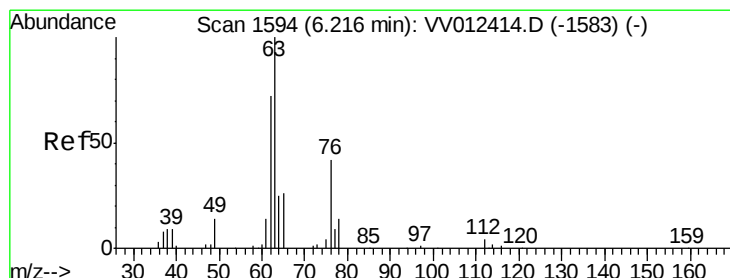
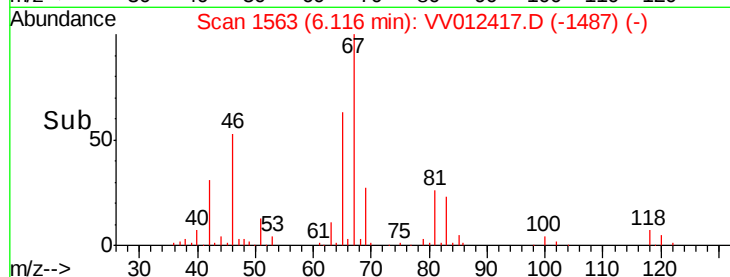
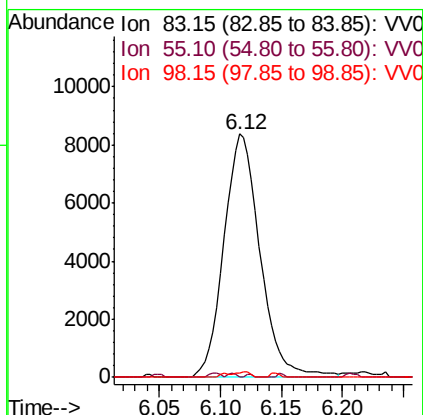
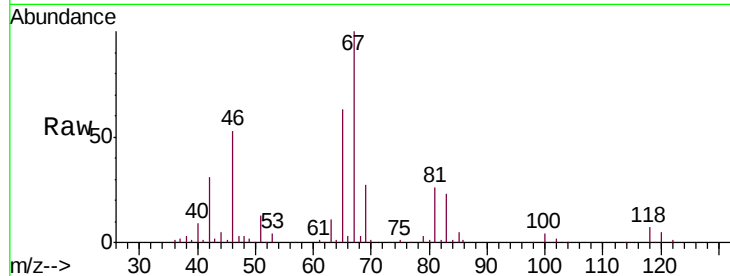




#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012417.D
Acq: 27 Aug 2019 10:26

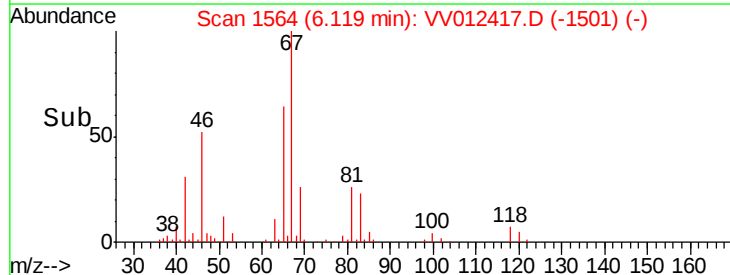
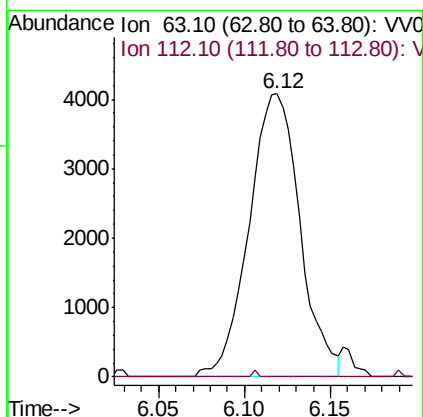
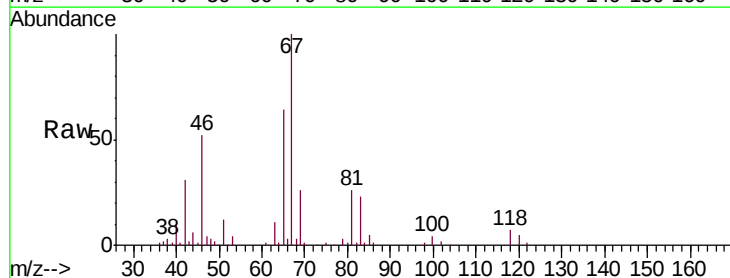
Instrument :
MSVOA_V
ClientSampled :
GANL8

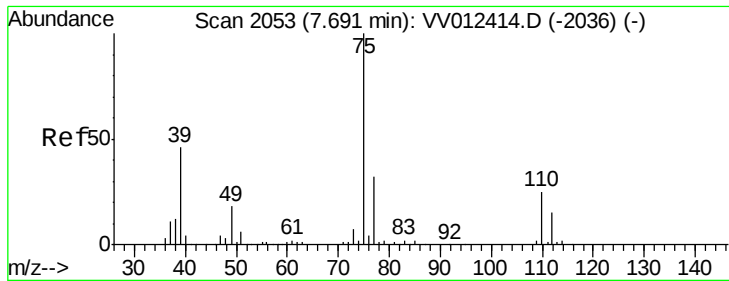
Tgt Ion: 83 Resp: 17360
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 1.4 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012417.D
Acq: 27 Aug 2019 10:26

Tgt Ion: 63 Resp: 8388
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.2#





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV012417.D

Acq: 27 Aug 2019 10:26

Instrument :

MSVOA_V

ClientSampleId :

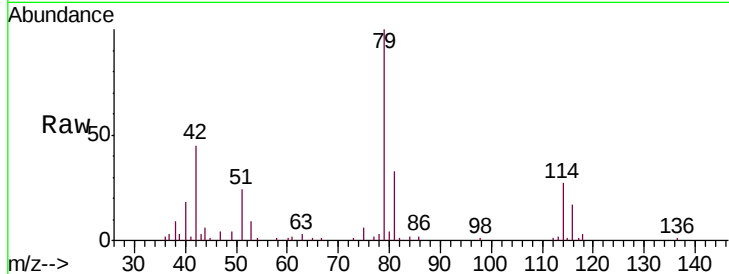
GANL8

Tgt Ion: 75 Resp: 1025

Ion Ratio Lower Upper

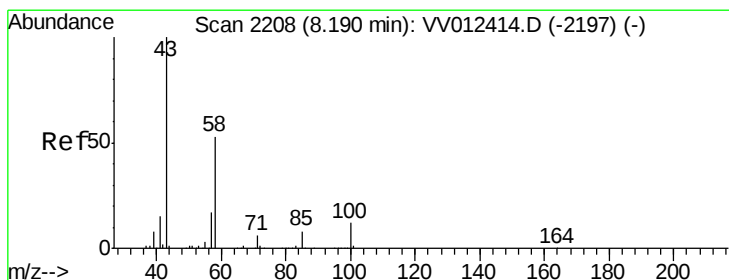
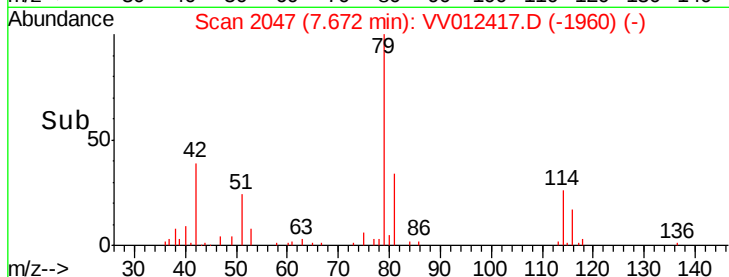
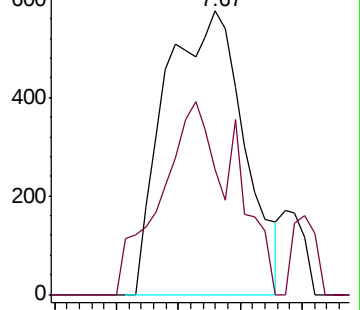
75 100

77 43.9 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 4.024 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012417.D

Acq: 27 Aug 2019 10:26

Tgt Ion: 43 Resp: 22051

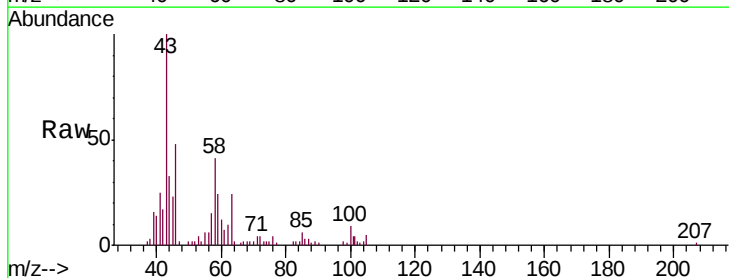
Ion Ratio Lower Upper

43 100

58 37.8 46.3 69.5#

57 16.9 14.9 22.3

100 8.6 9.7 14.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

