

Data File : VV012451.D
Acq On : 30 Aug 2019 12:25
Operator : SY/MD
Sample : K4500-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Quant Time: Aug 31 00:11:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	232228	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	229977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	83376	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69987	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.59	69	54277	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	2.13	63	86090	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	3.93	46	152773	36.21	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.42%
24) Chloroform-d	4.40	84	130302	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.08	65	69358	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.10	84	264629	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.12	67	86295	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.36	98	220148	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.66	79	28404	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.13	63	101657	33.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62023	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	74737	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

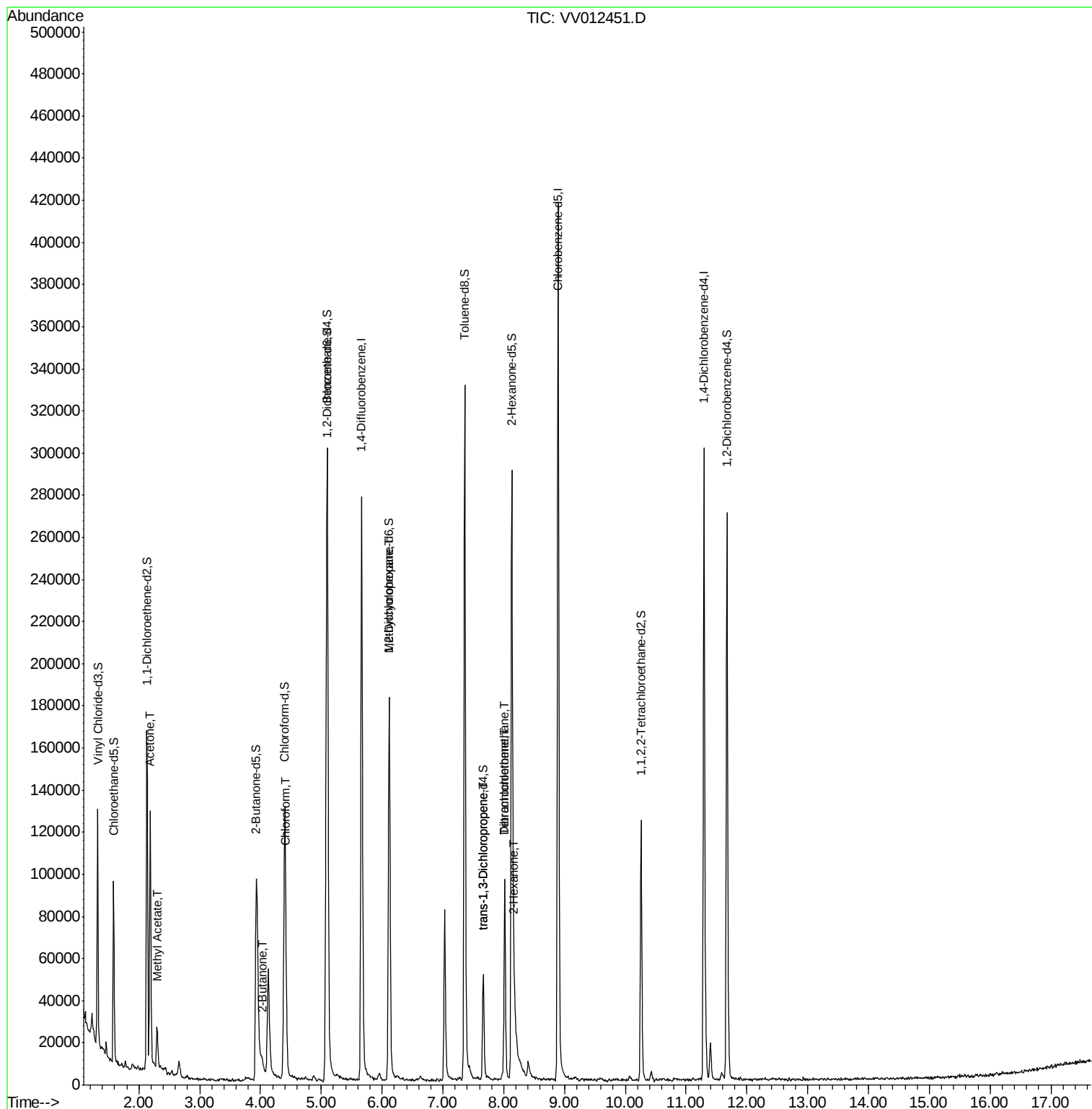
						Qvalue
13) Acetone	2.19	43	120936	39.234	ug/L	99
15) Methyl Acetate	2.30	43	5183	0.683	ug/L #	61
21) 2-Butanone	4.03	43	8998	1.588	ug/L	85
25) Chloroform	4.42	83	7271	0.157	ug/L	82
35) Methylcyclohexane	6.12	83	20677	0.560	ug/L #	15
44) trans-1,3-Dichloropropene	7.66	75	1292	0.052	ug/L	92
47) Tetrachloroethene	8.02	164	21146	1.089	ug/L	98
48) 2-Hexanone	8.18	43	5862	0.612	ug/L #	58
49) Dibromochloromethane	8.02	129	19392	1.023	ug/L #	11

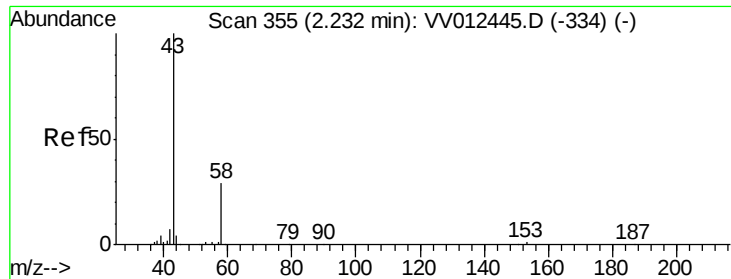
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 39.234 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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Acq: 30 Aug 2019 12:25

Instrument :

MSVOA_V

ClientSampleId :

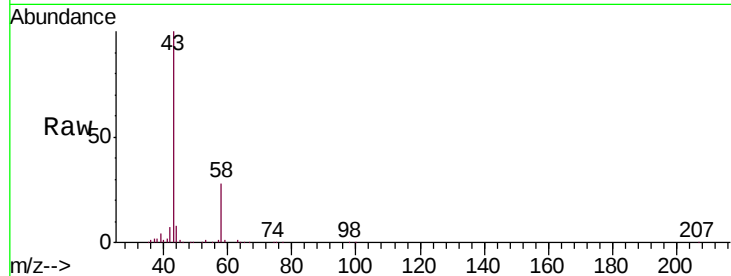
GANL1

Tgt Ion: 43 Resp: 120936

Ion Ratio Lower Upper

43 100

58 28.7 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

80000

60000

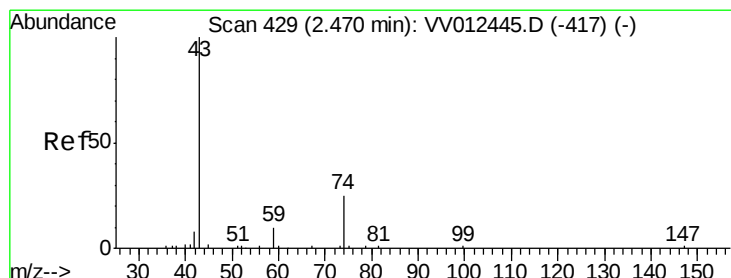
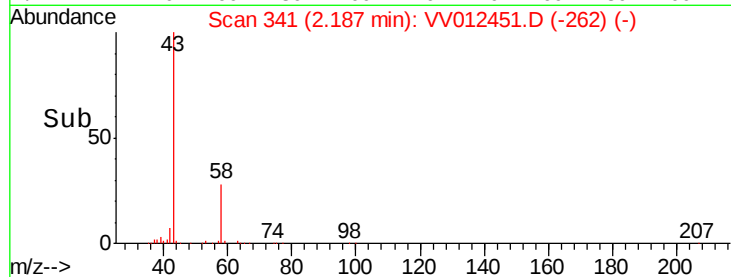
40000

20000

0

2.10 2.15 2.20 2.25 2.30

Time-->



#15

Methyl Acetate

Concen: 0.683 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.17 min

Lab File: VV012451.D

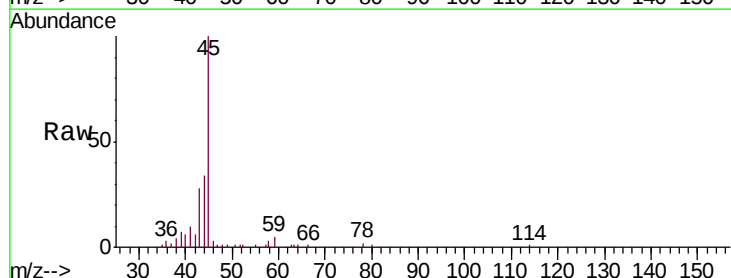
Acq: 30 Aug 2019 12:25

Tgt Ion: 43 Resp: 5183

Ion Ratio Lower Upper

43 100

74 3.8 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

4000

3000

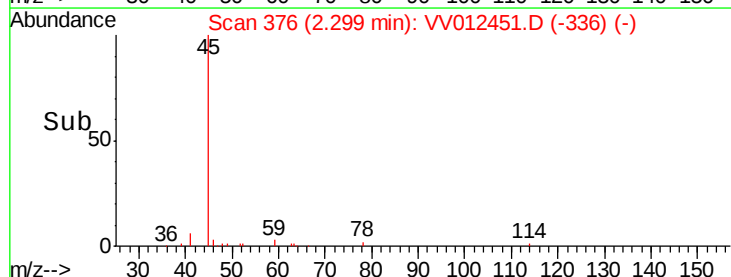
2000

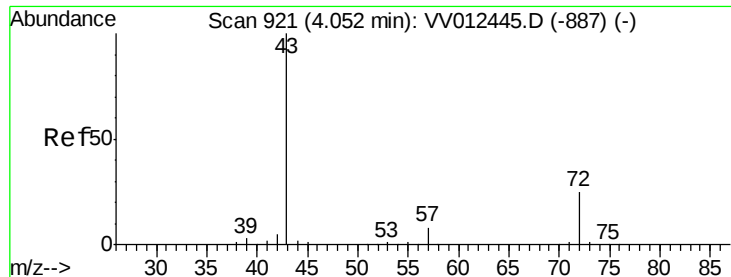
1000

0

2.25 2.30 2.35

Time-->





#21

2-Butanone

Concen: 1.588 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.02 min

Lab File: VV012451.D

Acq: 30 Aug 2019 12:25

Instrument :

MSVOA_V

ClientSampleId :

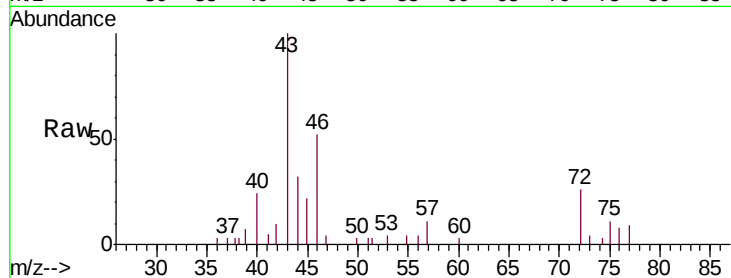
GANL1

Tgt Ion: 43 Resp: 8998

Ion Ratio Lower Upper

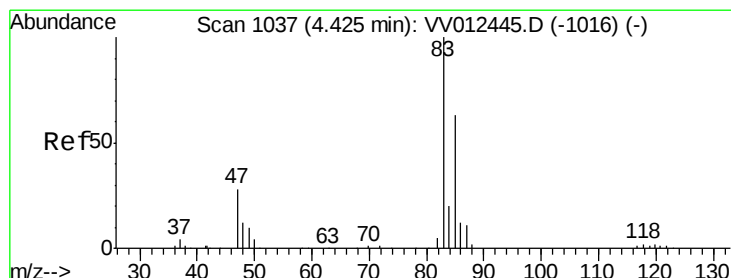
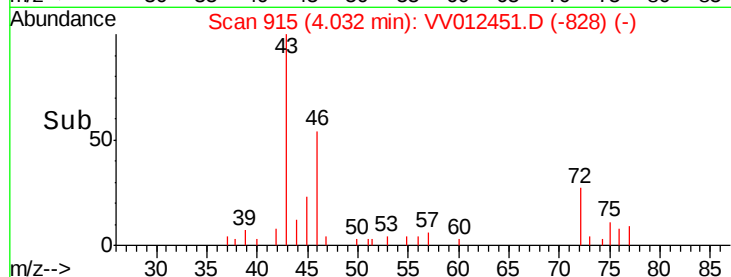
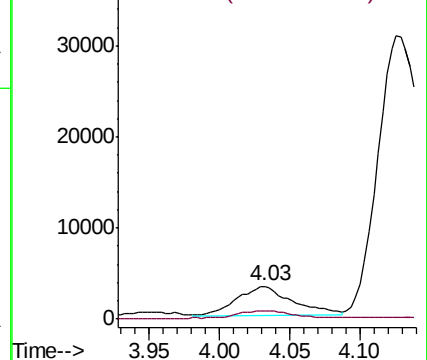
43 100

72 30.6 11.8 35.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.157 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012451.D

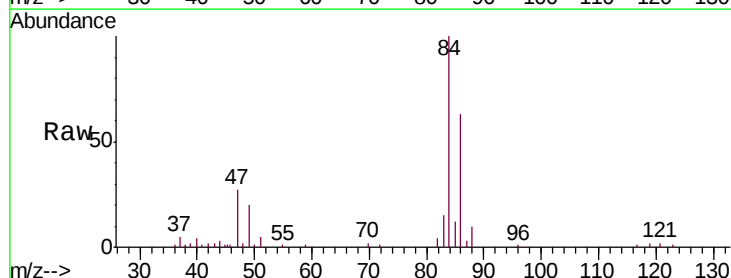
Acq: 30 Aug 2019 12:25

Tgt Ion: 83 Resp: 7271

Ion Ratio Lower Upper

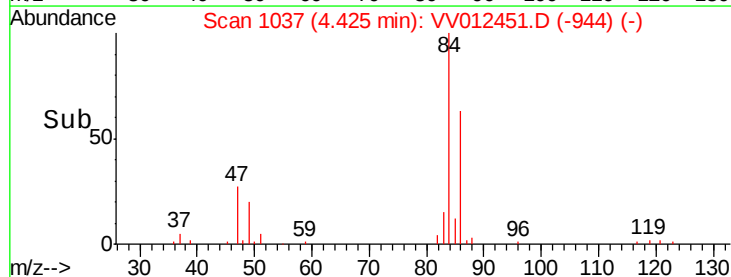
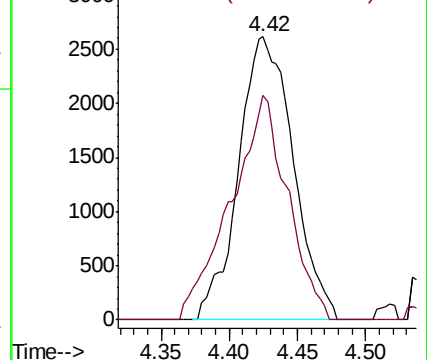
83 100

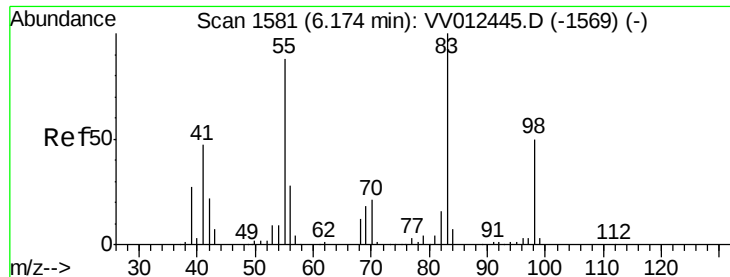
85 79.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

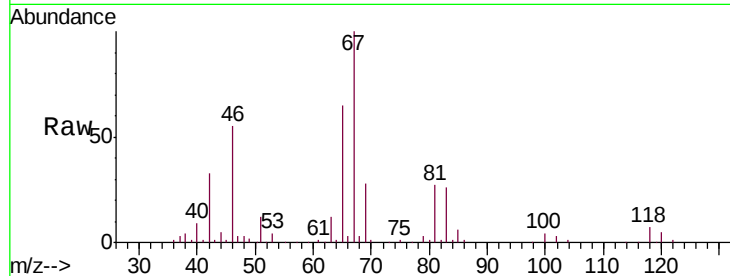




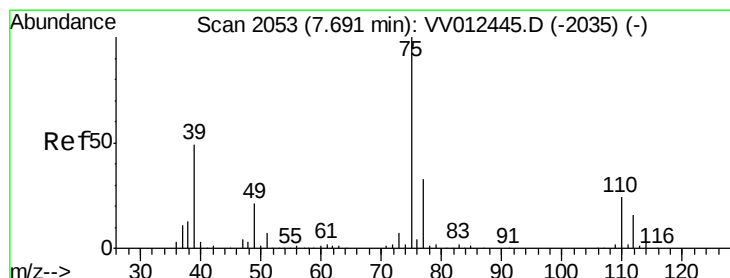
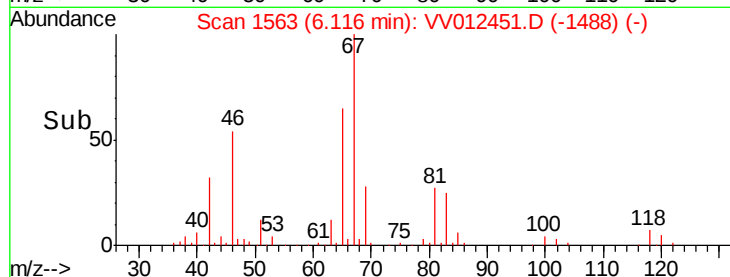
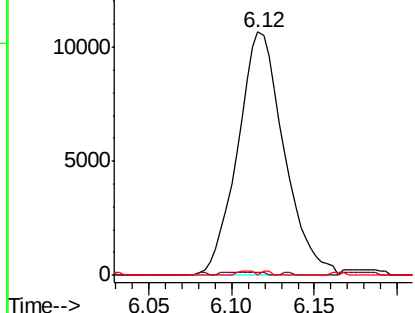
#35
Methylcyclohexane
Concen: 0.560 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012451.D
Acq: 30 Aug 2019 12:25

Instrument :
MSVOA_V
ClientSampled :
GANL1

Tgt Ion: 83 Resp: 20677
Ion Ratio Lower Upper
83 100
55 0.3 67.8 101.6#
98 0.3 39.2 58.8#

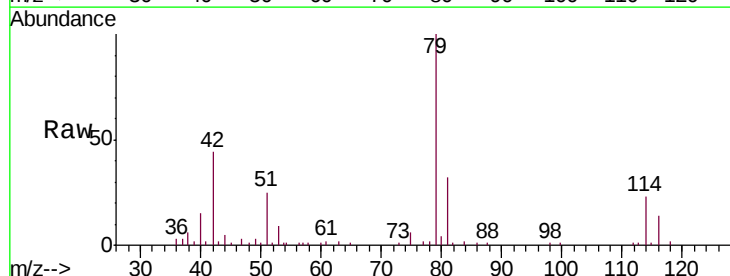


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

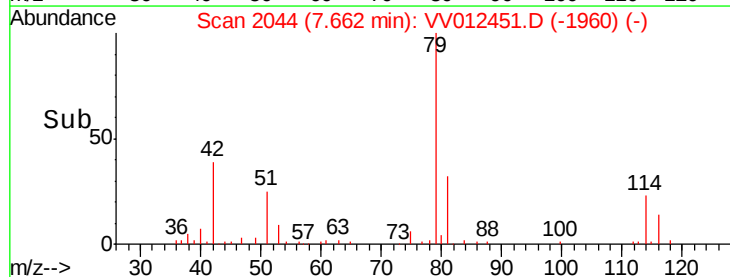
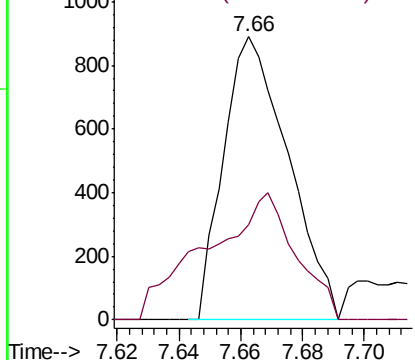


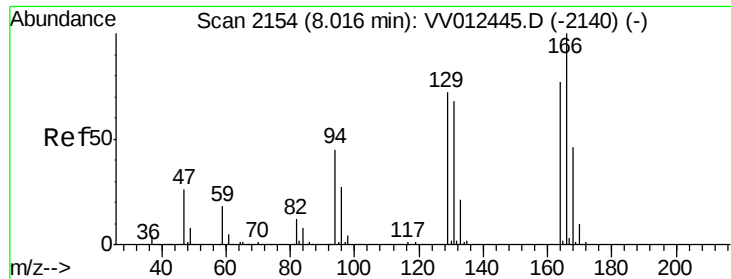
#44
trans-1,3-Dichloropropene
Concen: 0.052 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012451.D
Acq: 30 Aug 2019 12:25

Tgt Ion: 75 Resp: 1292
Ion Ratio Lower Upper
75 100
77 33.6 20.6 38.4



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#47

Tetrachloroethene

Concen: 1.089 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012451.D

Acq: 30 Aug 2019 12:25

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion:164 Resp: 21146

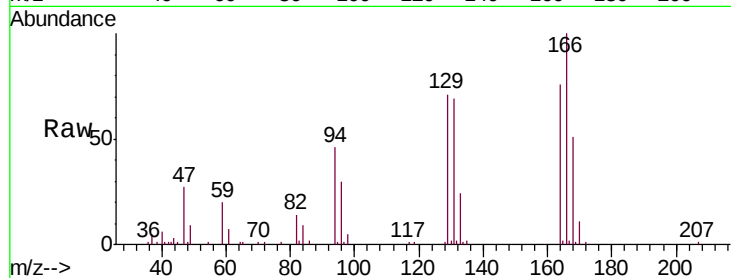
Ion Ratio Lower Upper

164 100

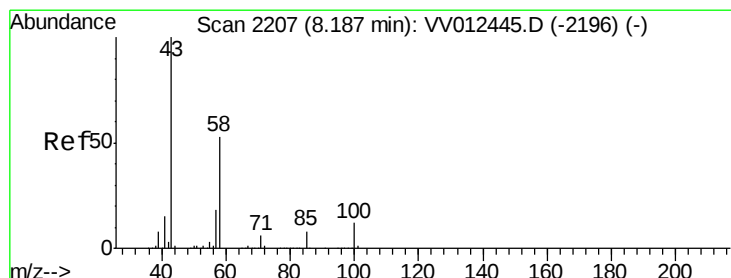
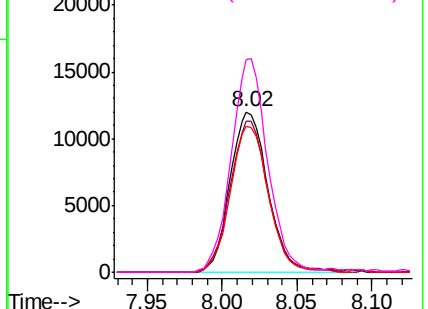
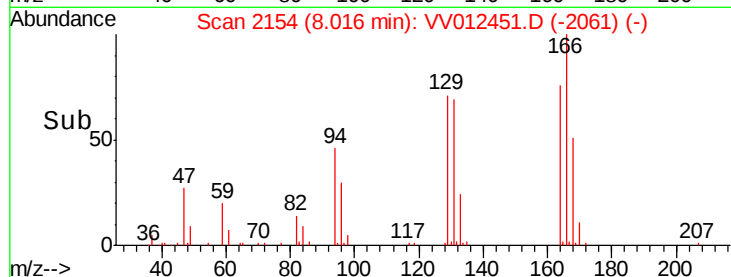
129 94.1 65.6 121.8

131 90.9 63.3 117.5

166 132.4 89.4 166.0



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 0.612 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV012451.D

Acq: 30 Aug 2019 12:25

Tgt Ion: 43 Resp: 5862

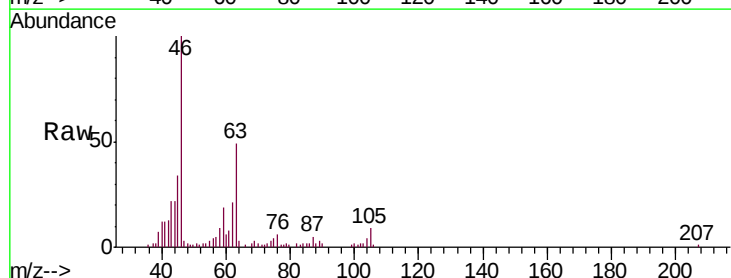
Ion Ratio Lower Upper

43 100

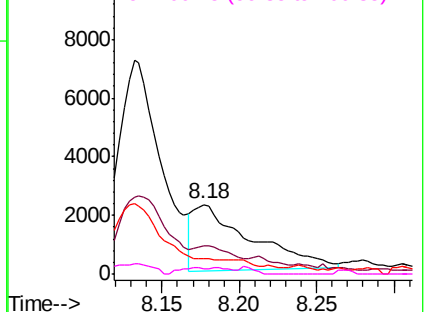
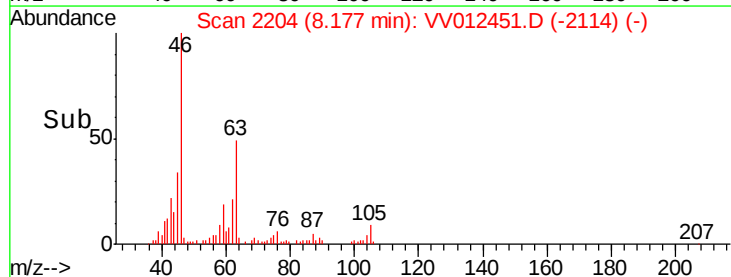
58 20.5 43.6 65.4#

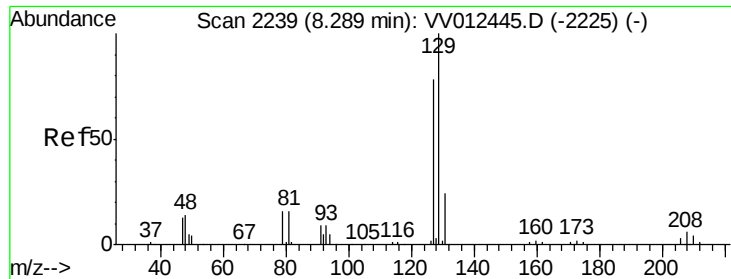
57 0.0 14.2 21.2#

100 3.0 8.9 13.3#



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





#49

Dibromochloromethane

Concen: 1.023 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012451.D

Acq: 30 Aug 2019 12:25

Instrument :

MSVOA_V

ClientSampleId :

GANL1

Tgt Ion:129 Resp: 19392

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#

