

Data File : VV012447.D
Acq On : 30 Aug 2019 10:34
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 31 00:10:31 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	228498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	227235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11578	0.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	11.40%#
7) Chloroethane-d5	1.58	69	12959	0.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	17.60%#
11) 1,1-Dichloroethene-d2	2.13	63	28197	0.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.80%#
20) 2-Butanone-d5	3.93	46	164390	39.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.20%
24) Chloroform-d	4.40	84	97411	2.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.60%#
26) 1,2-Dichloroethane-d4	5.08	65	41712	2.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.00%#
32) Benzene-d6	5.10	84	128843	1.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	38.00%#
36) 1,2-Dichloropropane-d6	6.12	67	62228	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	57.80%#
41) Toluene-d8	7.36	98	118373	1.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.80%#
43) trans-1,3-Dichloropropene-	7.66	79	20877	2.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.80%#
46) 2-Hexanone-d5	8.13	63	103057	34.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57686	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68492	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

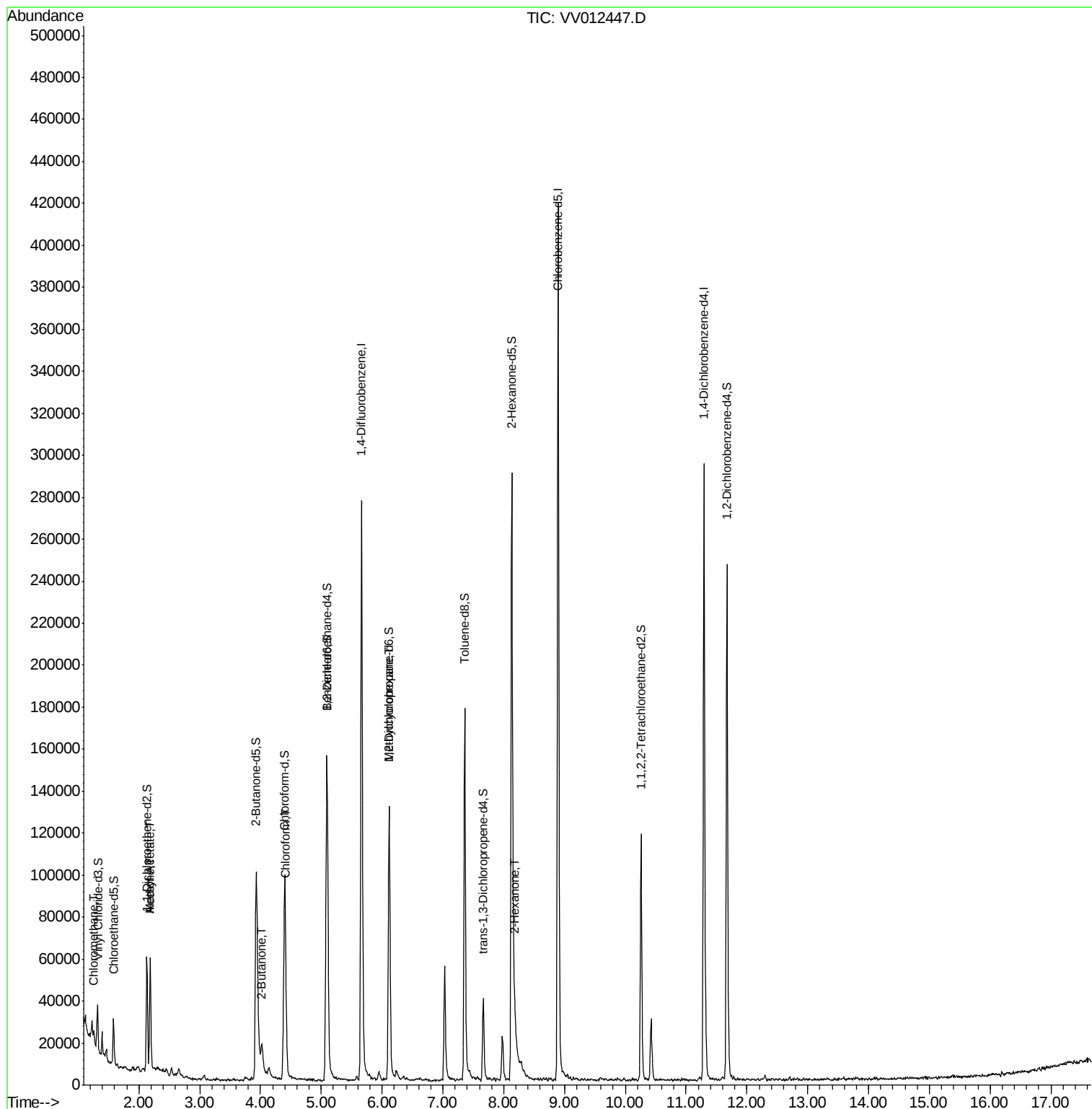
						Qvalue
3) Chloromethane	1.26	50	2729	0.090	ug/L	99
13) Acetone	2.19	43	50435	16.629	ug/L	95
15) Methyl Acetate	2.19	43	37841	5.068	ug/L #	54
21) 2-Butanone	4.02	43	20763	3.724	ug/L	97
25) Chloroform	4.42	83	5112	0.112	ug/L	91
35) Methylcyclohexane	6.12	83	14752	0.405	ug/L #	16
48) 2-Hexanone	8.18	43	4053	0.428	ug/L #	39

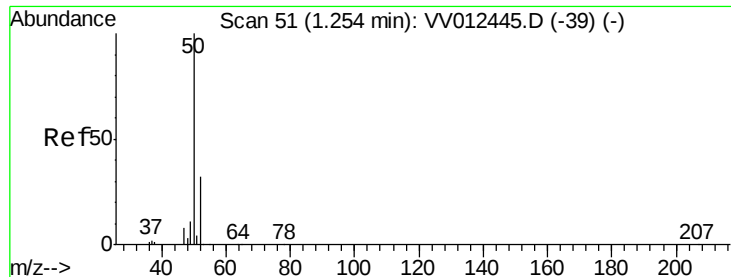
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV012447.D

Acq: 30 Aug 2019 10:34

Instrument :

MSVOA_V

ClientSampled :

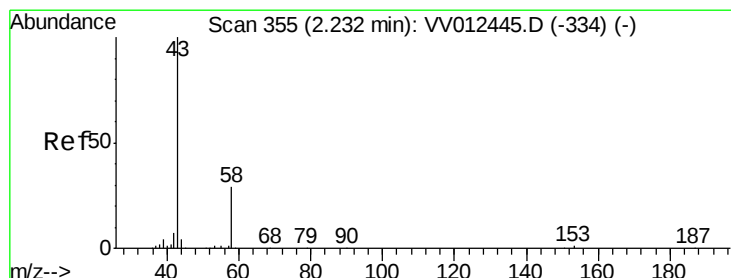
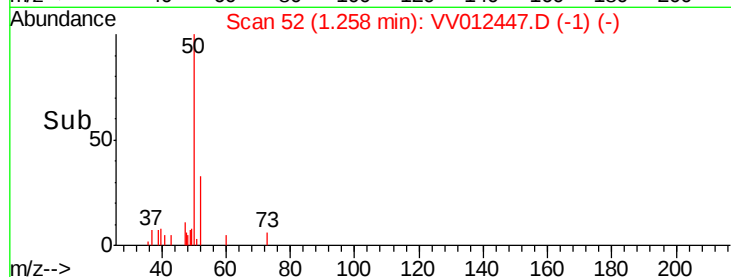
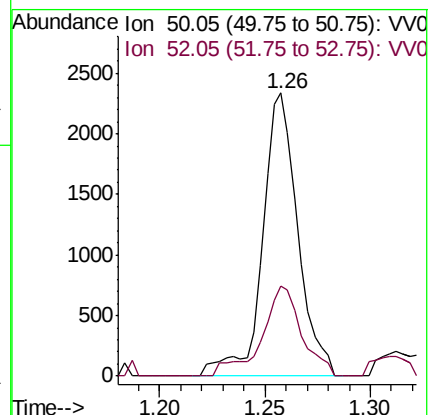
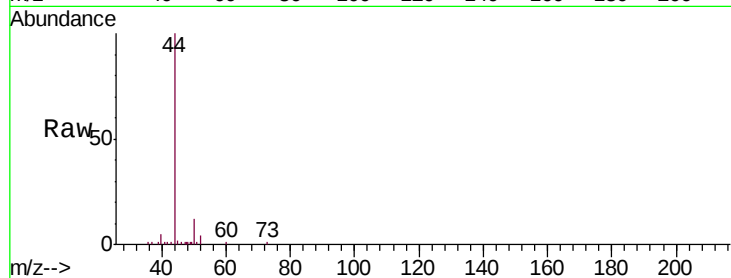
GANL8

Tgt Ion: 50 Resp: 2729

Ion Ratio Lower Upper

50 100

52 31.8 22.5 41.9



#13

Acetone

Concen: 16.629 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012447.D

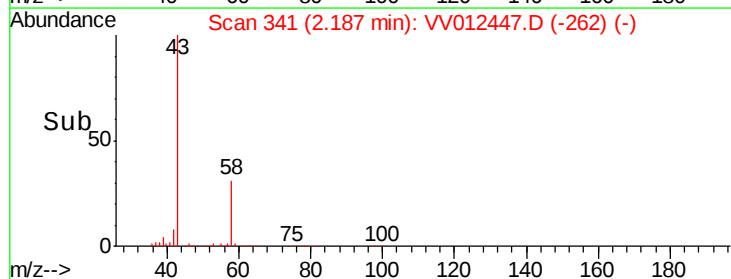
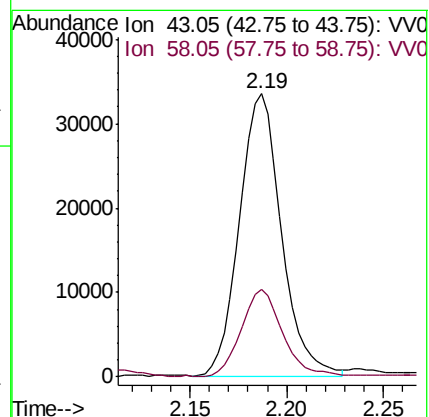
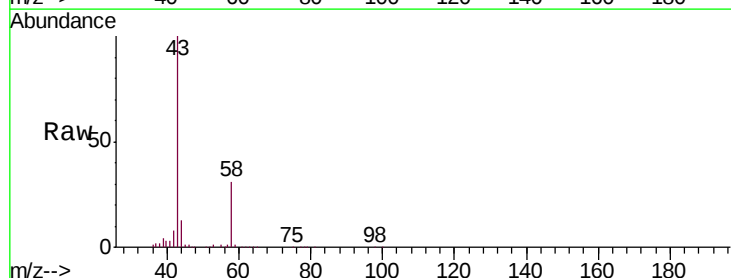
Acq: 30 Aug 2019 10:34

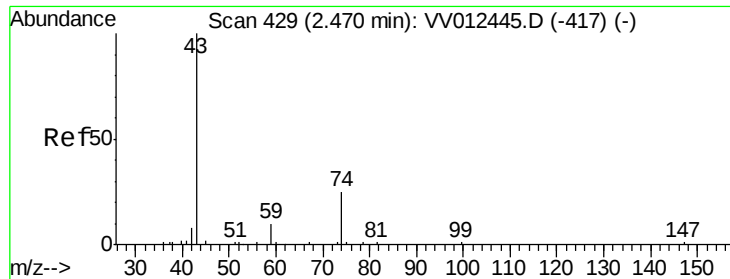
Tgt Ion: 43 Resp: 50435

Ion Ratio Lower Upper

43 100

58 31.2 0.0 56.8

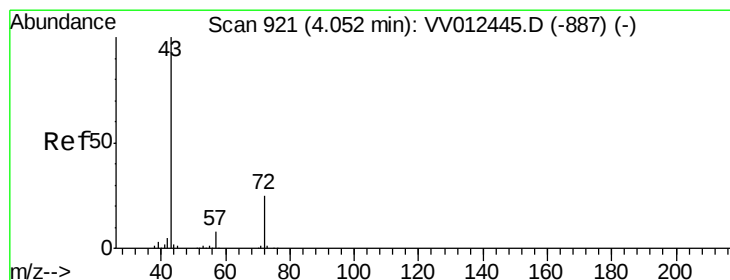
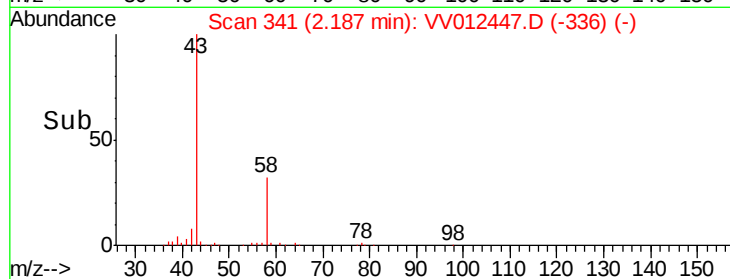
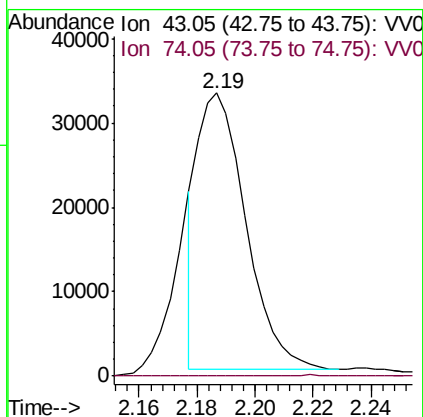
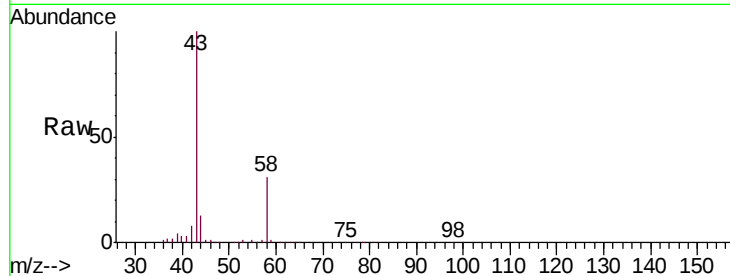




#15
Methyl Acetate
Concen: 5.068 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.28 min
Lab File: VV012447.D
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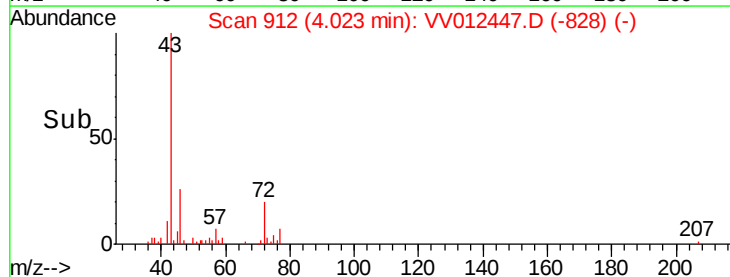
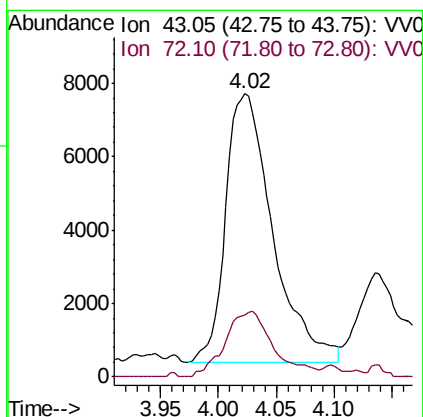
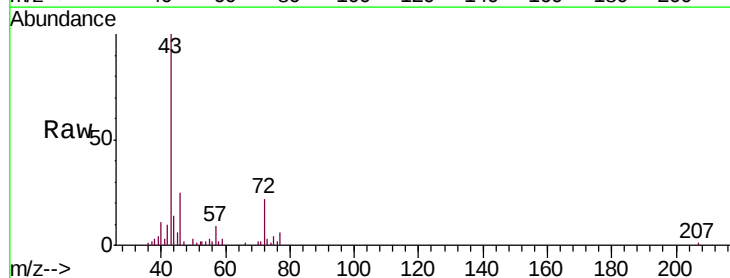
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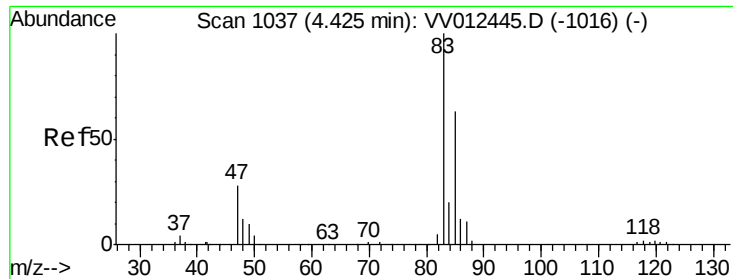
Tgt Ion: 43 Resp: 37841
Ion Ratio Lower Upper
43 100
74 0.2 18.1 27.1#



#21
2-Butanone
Concen: 3.724 ug/L
RT: 4.02 min Scan# 912
Delta R.T. -0.03 min
Lab File: VV012447.D
Acq: 30 Aug 2019 10:34

Tgt Ion: 43 Resp: 20763
Ion Ratio Lower Upper
43 100
72 25.2 11.8 35.3

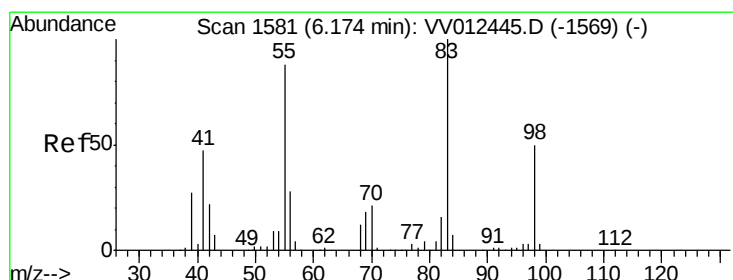
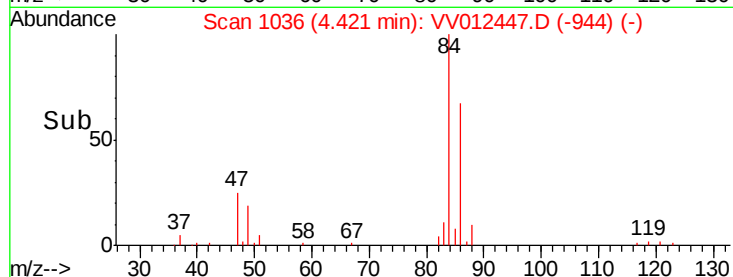
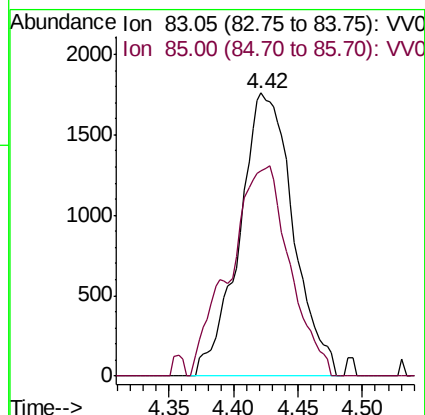
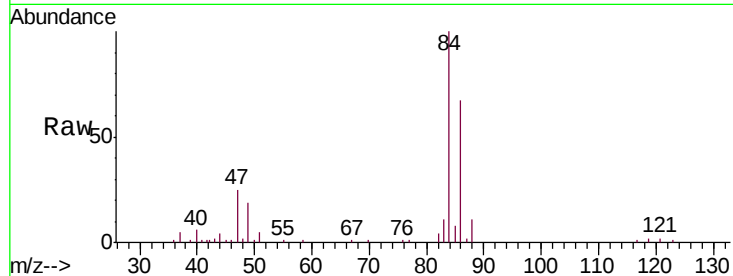




#25
Chloroform
Concen: 0.112 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012447.D
Acq: 30 Aug 2019 10:34

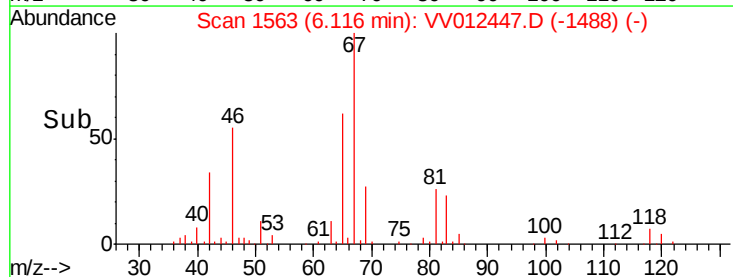
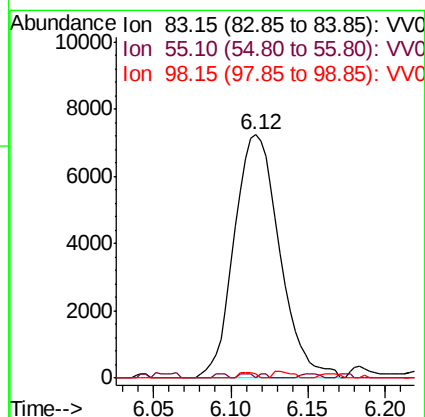
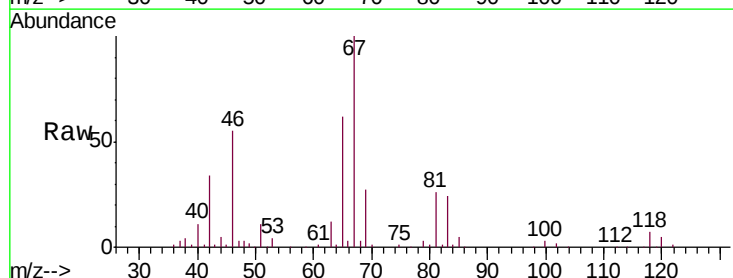
Instrument :
MSVOA_V
ClientSampleId :
GANL8

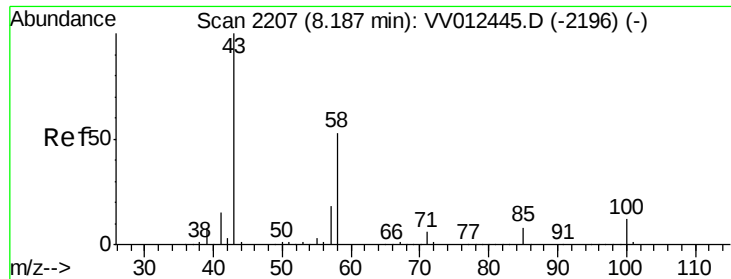
Tgt Ion: 83 Resp: 5112
Ion Ratio Lower Upper
83 100
85 72.3 45.4 84.4



#35
Methylcyclohexane
Concen: 0.405 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012447.D
Acq: 30 Aug 2019 10:34

Tgt Ion: 83 Resp: 14752
Ion Ratio Lower Upper
83 100
55 0.3 67.8 101.6#
98 1.1 39.2 58.8#





#48

2-Hexanone

Concen: 0.428 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV012447.D

Acq: 30 Aug 2019 10:34

Instrument :
MSVOA_V
ClientSampleId :
GANL8

Tgt Ion: 43 Resp: 4053

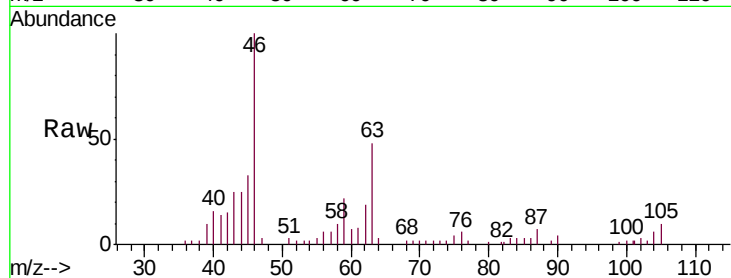
Ion Ratio Lower Upper

43 100

58 0.0 43.6 65.4#

57 0.0 14.2 21.2#

100 2.7 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

