

Data File : VU029528.D
Acq On : 18 Feb 2019 14:33
Operator : JC/SP
Sample : K1509-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAGH2

Quant Time: Feb 19 00:23:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	212712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58581	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	53415	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.27	63	98585	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.19	46	146776	49.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.80%
24) Chloroform-d	4.65	84	93461	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	58136	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	225204	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.33	67	69743	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.56	98	223339	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	28285	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	152847	50.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61797	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	97868	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

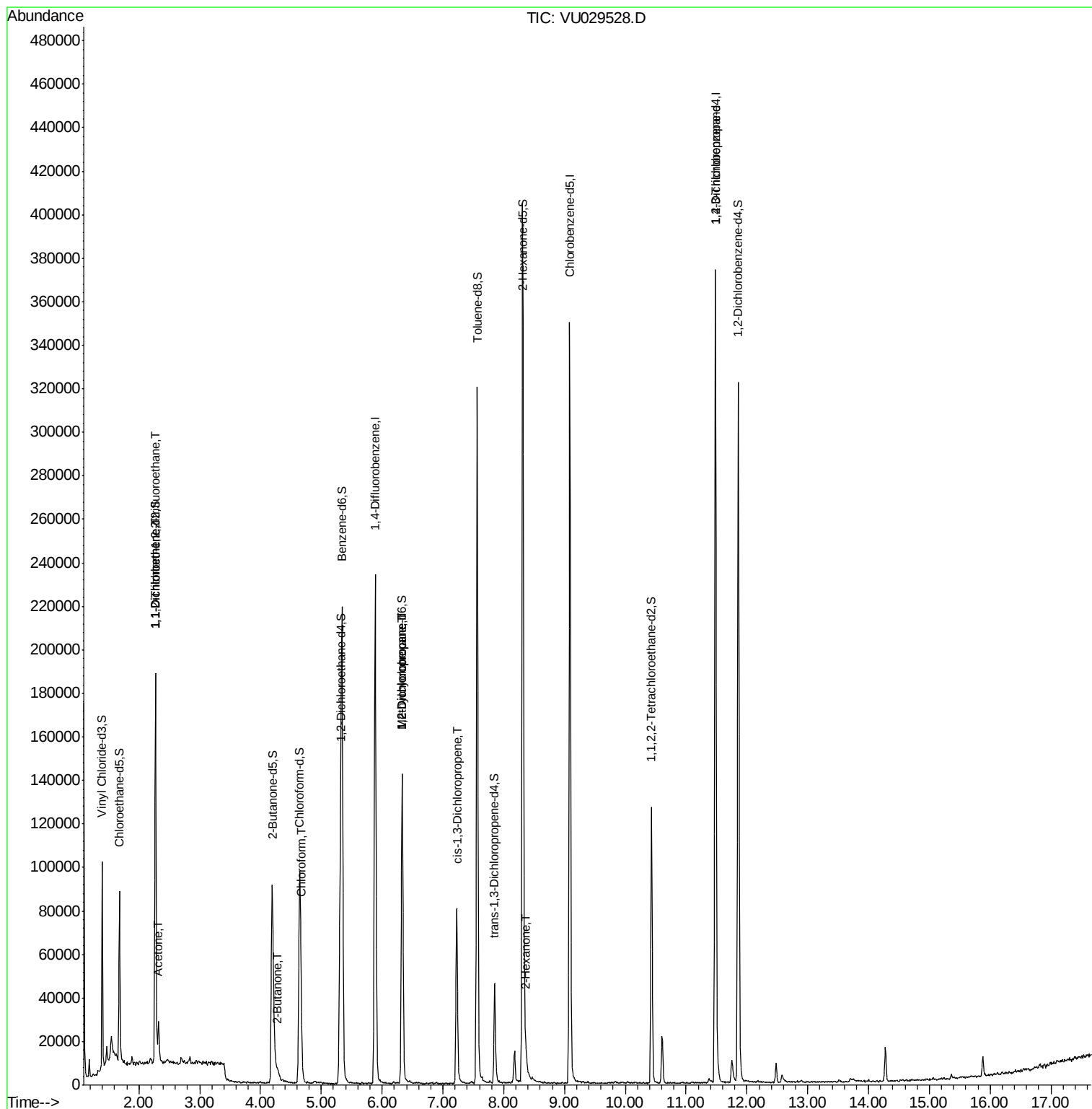
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	969	0.052	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	991	0.057	ug/L #	1
13) Acetone	2.32	43	17774	6.584	ug/L	96
21) 2-Butanone	4.29	43	5606	1.681	ug/L	97
25) Chloroform	4.67	83	15236	0.541	ug/L	95
35) Methylcyclohexane	6.33	83	16308	0.569	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7663	0.505	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2095	0.088	ug/L #	27
48) 2-Hexanone	8.37	43	2981	0.467	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	11239	1.154	ug/L #	86

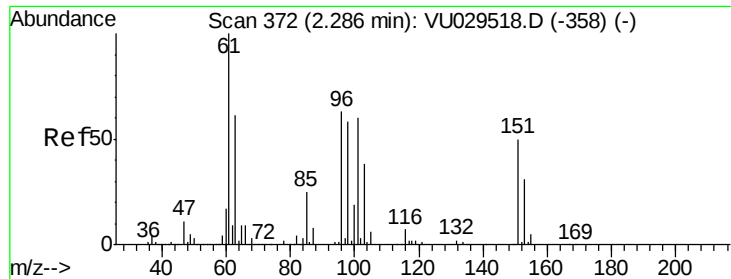
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.052 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029528.D

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ClientSampleId :

GAGH2

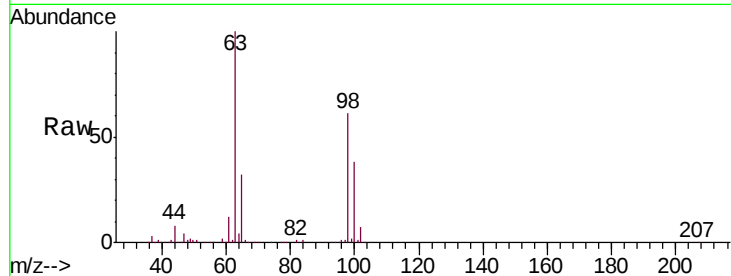
Tgt Ion: 101 Resp: 969

Ion Ratio Lower Upper

101 100

85 2.0 35.1 52.7#

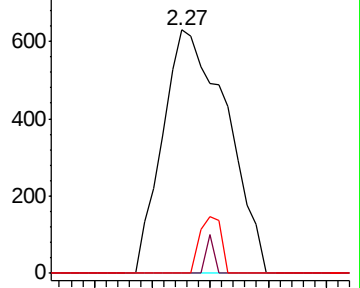
151 7.8 67.0 100.6#



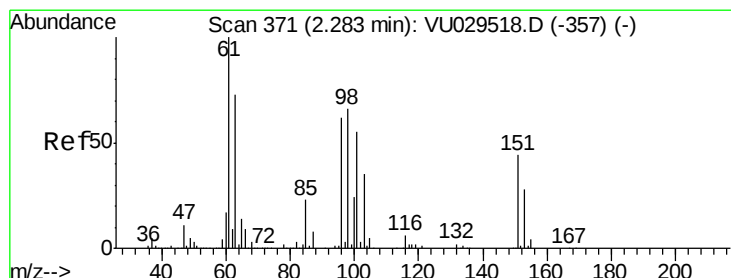
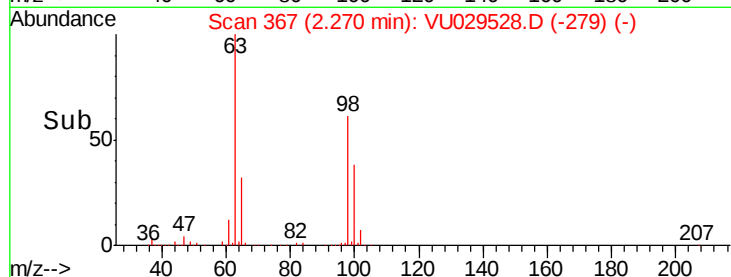
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029528.D

Acq: 18 Feb 2019 14:33

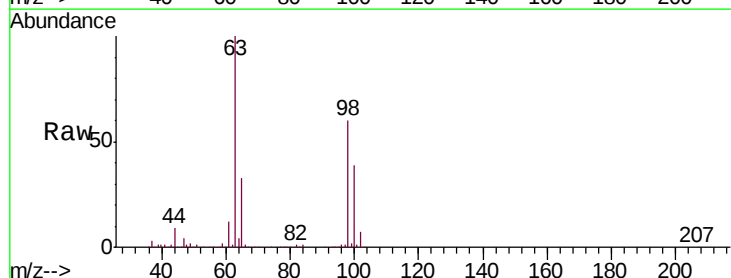
Tgt Ion: 96 Resp: 991

Ion Ratio Lower Upper

96 100

61 1007.4 115.1 213.7#

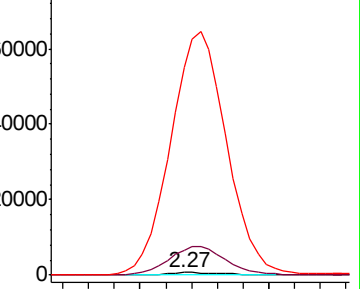
63 8299.7 83.5 155.1#



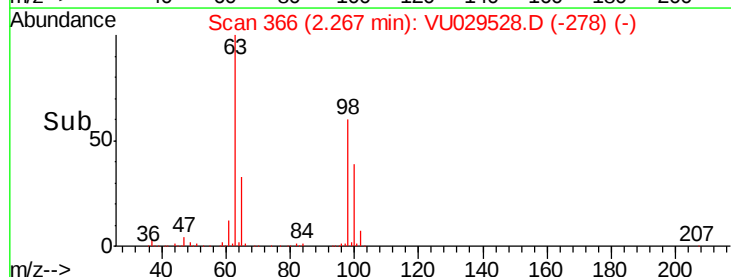
Abundance Ion 96.00 (95.70 to 96.70): VU0

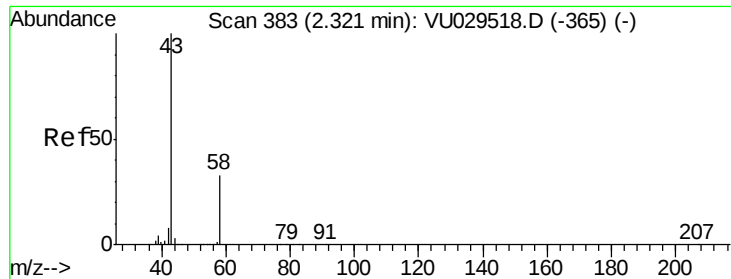
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#13

Acetone

Concen: 6.584 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

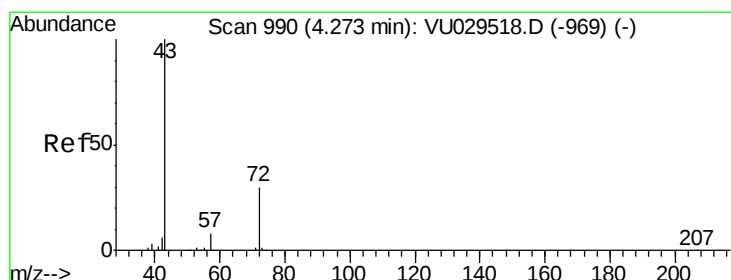
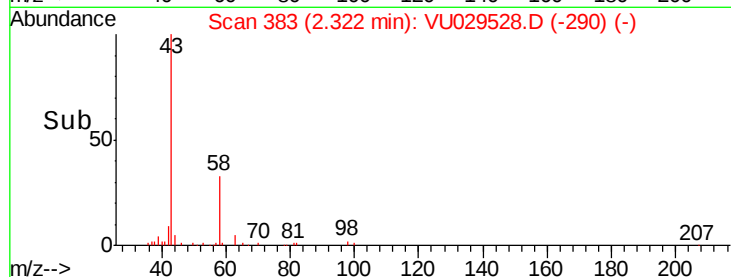
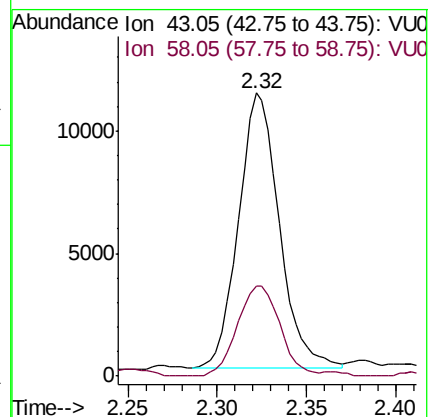
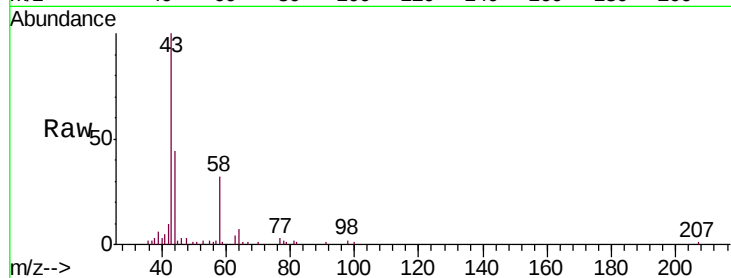
GAGH2

Tgt Ion: 43 Resp: 17774

Ion Ratio Lower Upper

43 100

58 34.5 0.0 65.0



#21

2-Butanone

Concen: 1.681 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.02 min

Lab File: VU029528.D

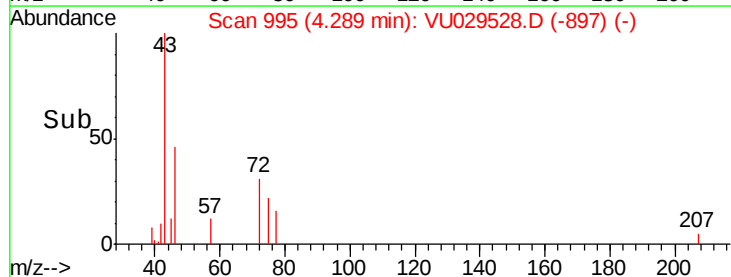
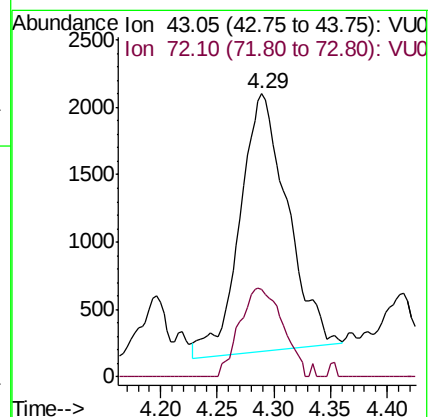
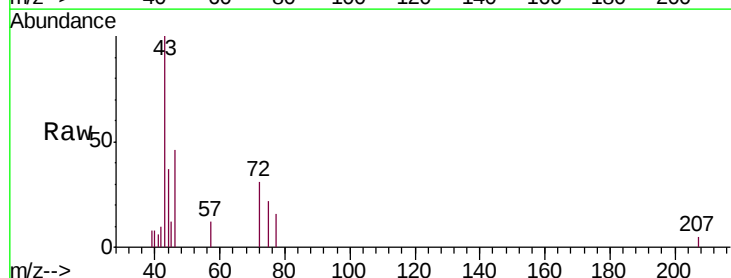
Acq: 18 Feb 2019 14:33

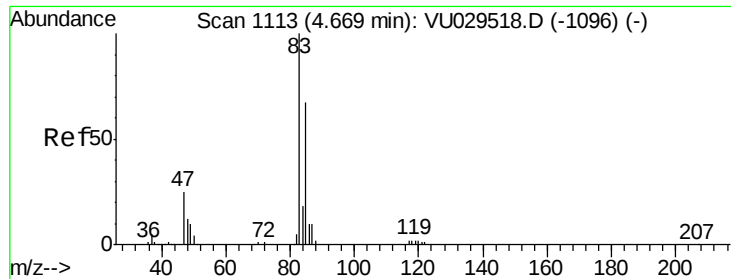
Tgt Ion: 43 Resp: 5606

Ion Ratio Lower Upper

43 100

72 31.1 14.7 44.1





#25

Chloroform

Concen: 0.541 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029528.D

Acq: 18 Feb 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

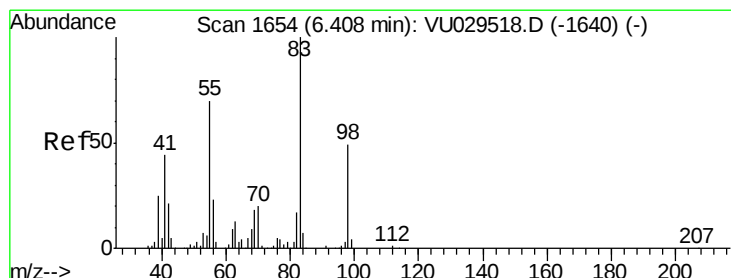
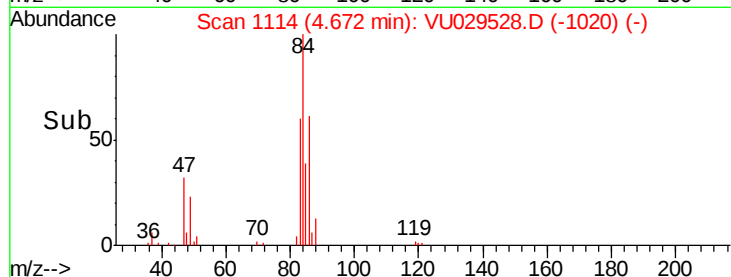
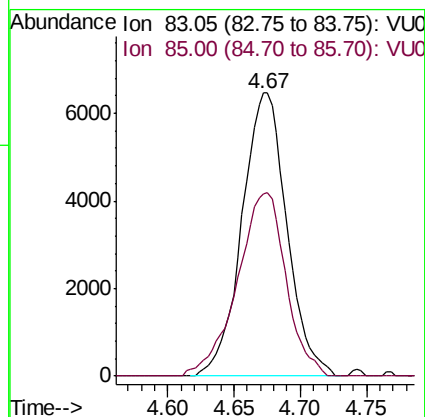
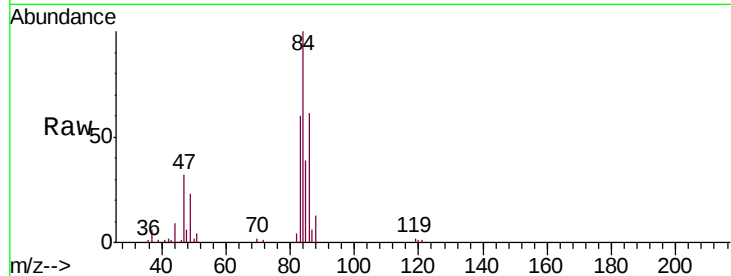
GAGH2

Tgt Ion: 83 Resp: 15236

Ion Ratio Lower Upper

83 100

85 64.3 47.8 88.8



#35

Methylcyclohexane

Concen: 0.569 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029528.D

Acq: 18 Feb 2019 14:33

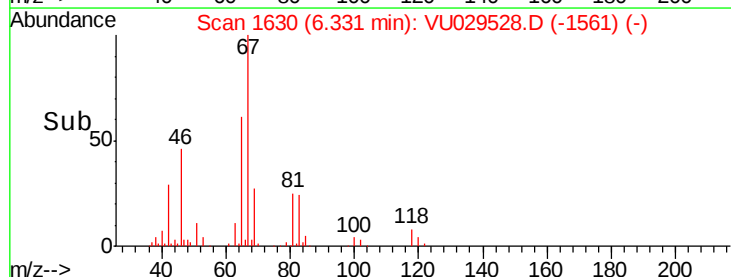
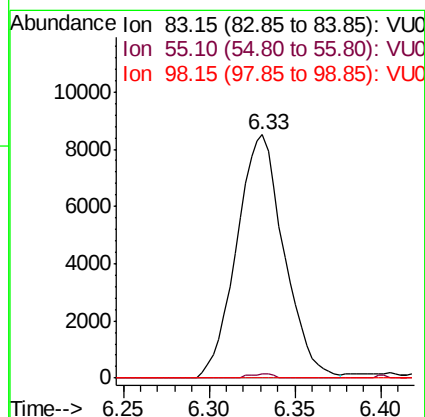
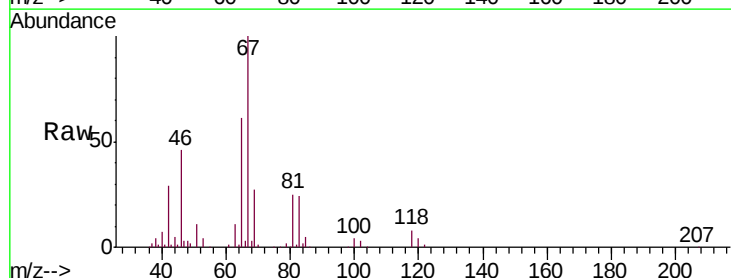
Tgt Ion: 83 Resp: 16308

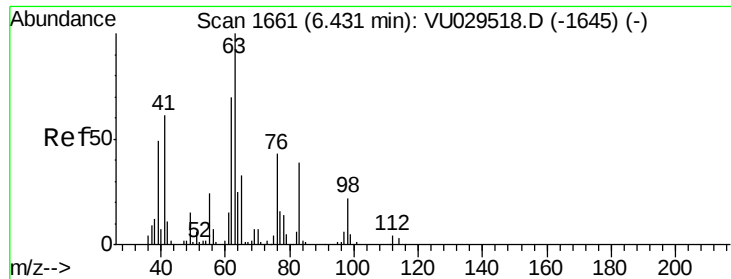
Ion Ratio Lower Upper

83 100

55 0.9 55.9 83.9#

98 0.0 38.6 57.8#

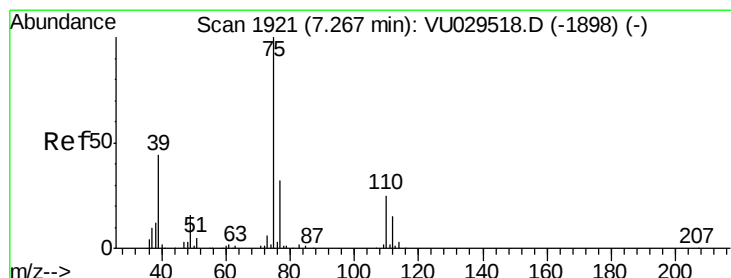
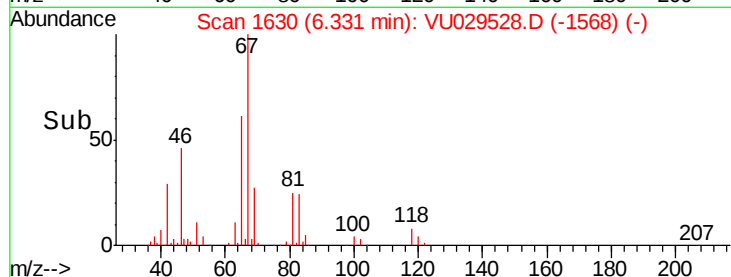
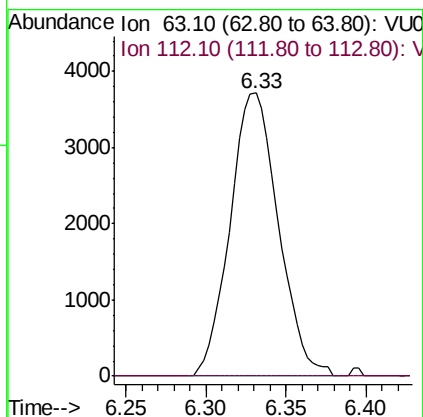
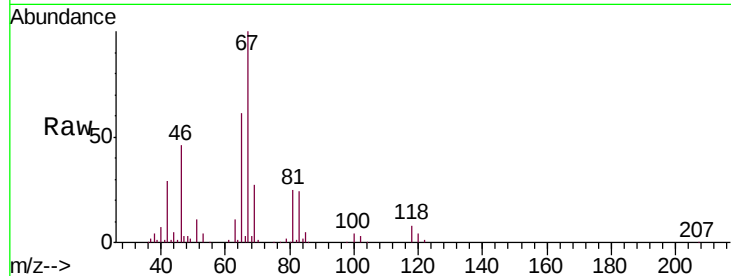




#37
 1,2-Dichloropropane
 Concen: 0.505 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029528.D
 Acq: 18 Feb 2019 14:33

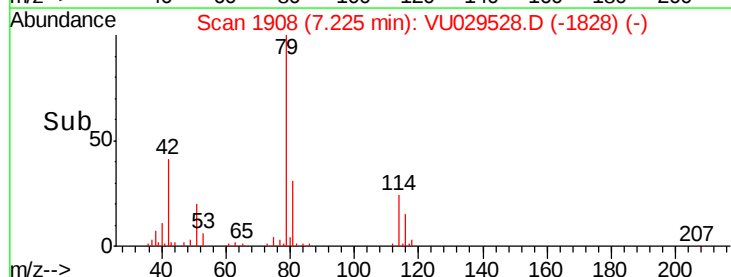
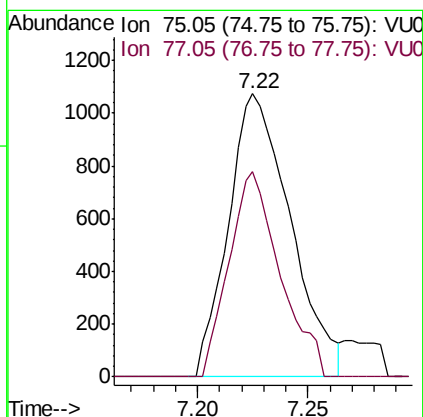
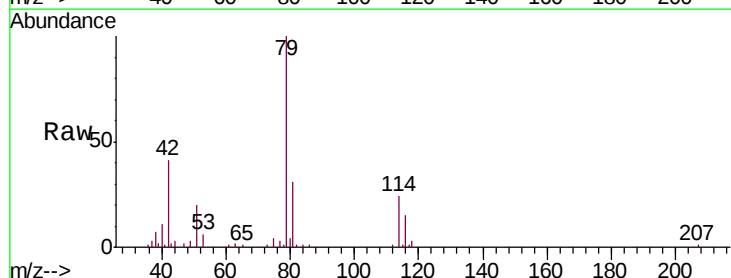
Instrument :
 MSVOA_U
 ClientSampleId :
 GAGH2

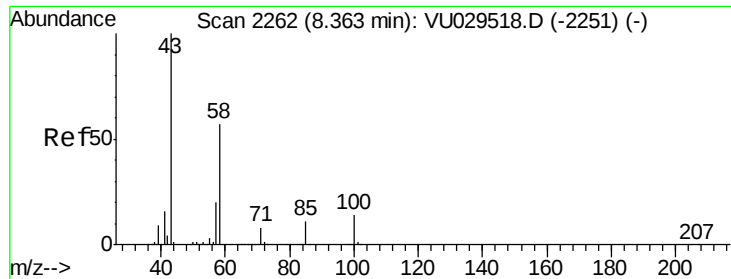
Tgt Ion: 63 Resp: 7663
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029528.D
 Acq: 18 Feb 2019 14:33

Tgt Ion: 75 Resp: 2095
 Ion Ratio Lower Upper
 75 100
 77 72.4 22.3 41.3#

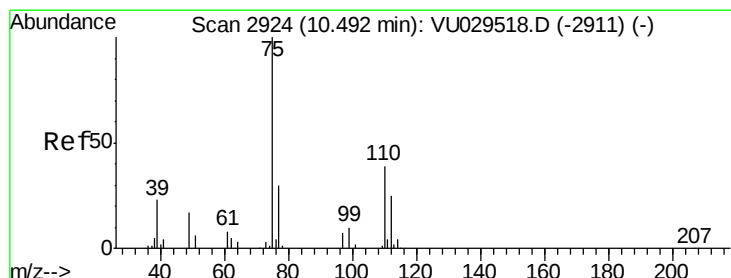
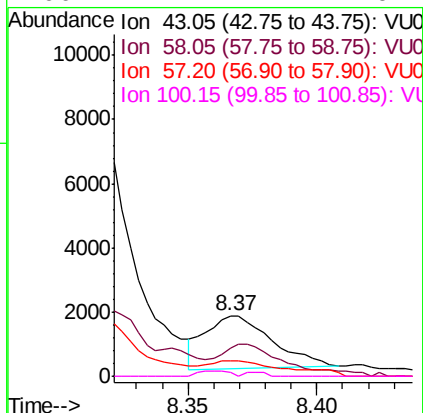
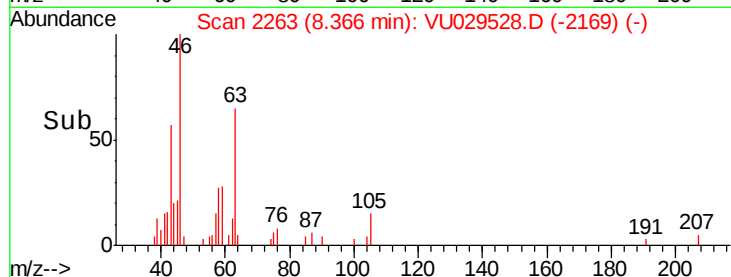
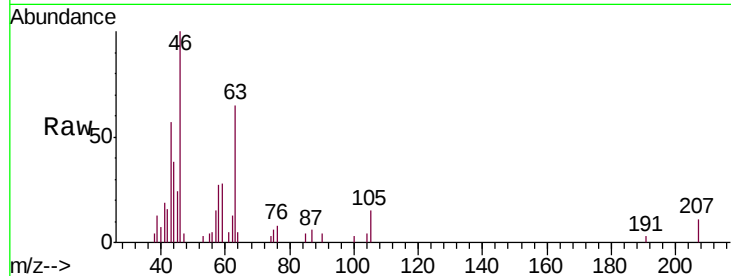




#48
 2-Hexanone
 Concen: 0.467 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029528.D
 Acq: 18 Feb 2019 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 GAGH2

Tgt Ion: 43 Resp: 2981
 Ion Ratio Lower Upper
 43 100
 58 0.0 45.7 68.5#
 57 34.0 16.4 24.6#
 100 4.4 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.154 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029528.D
 Acq: 18 Feb 2019 14:33

Tgt Ion: 75 Resp: 11239
 Ion Ratio Lower Upper
 75 100
 77 43.4 28.2 42.2#

