

Data File : VU029529.D
Acq On : 18 Feb 2019 14:57
Operator : JC/SP
Sample : K1509-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAGH0

Quant Time: Feb 19 00:23:42 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	211114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	203766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56469	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.68	69	53553	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.27	63	94444	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.19	46	145099	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.65	84	95708	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	58564	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.34	84	226243	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.33	67	69327	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	220059	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	27866	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.31	63	149126	50.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60222	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	96221	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

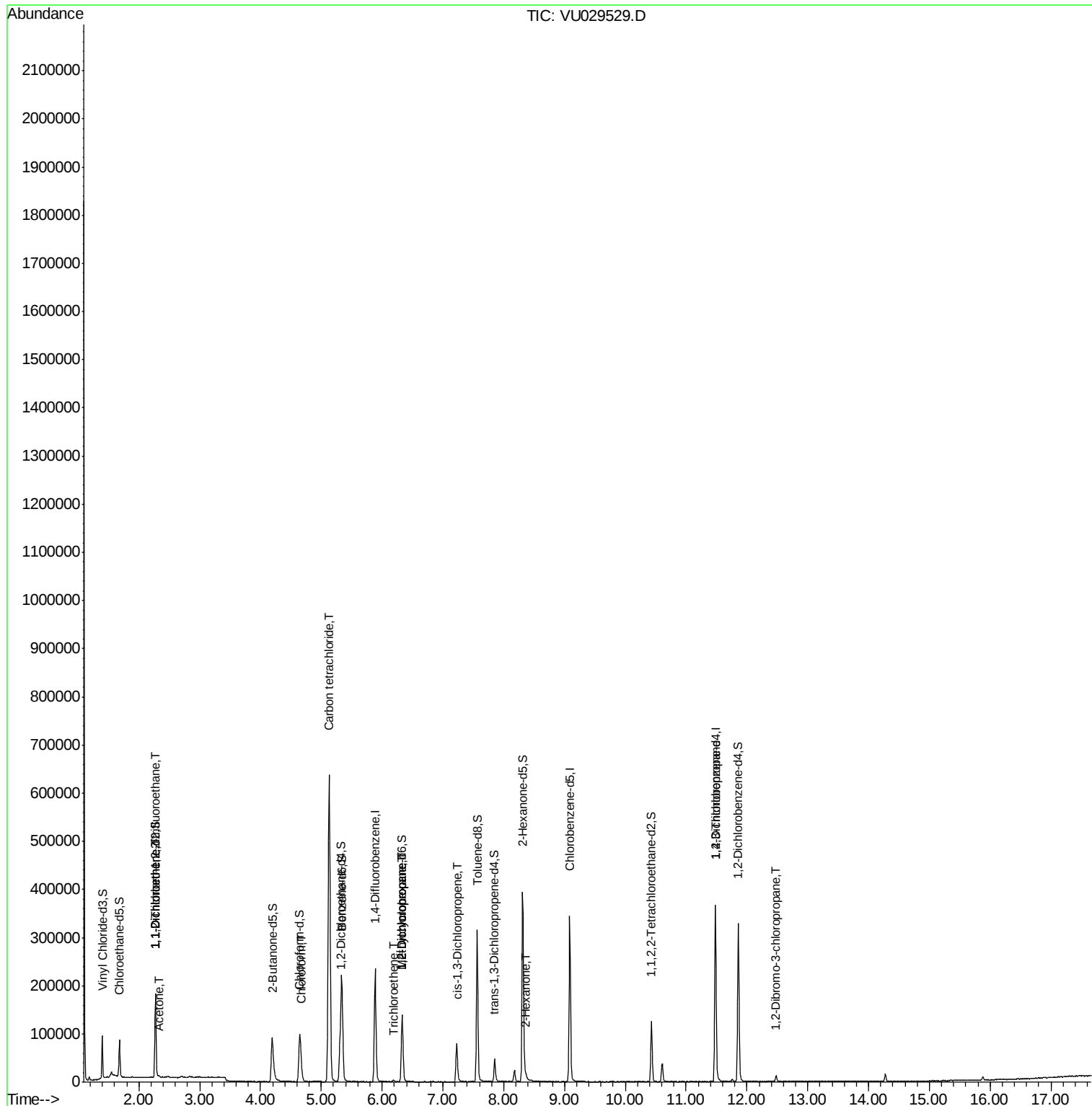
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	963	0.052	ug/L #	16
12) 1,1-Dichloroethene	2.27	96	925	0.053	ug/L #	1
13) Acetone	2.32	43	2710	1.011	ug/L	95
25) Chloroform	4.67	83	17113	0.613	ug/L	100
31) Carbon tetrachloride	5.13	117	462733	20.320	ug/L	100
34) Trichloroethene	6.19	95	1380	0.082	ug/L	97
35) Methylcyclohexane	6.33	83	17068	0.602	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7355	0.490	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2209	0.093	ug/L #	79
48) 2-Hexanone	8.37	43	2522	0.400	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	10696	1.110	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	466	0.206	ug/L #	1

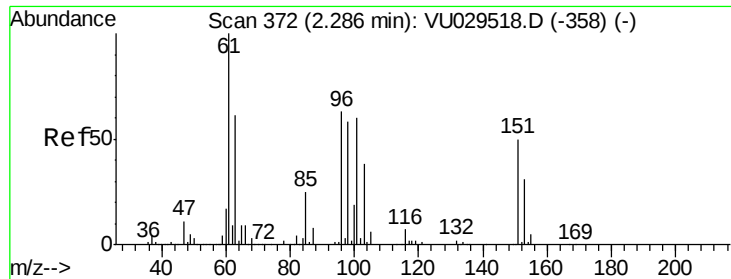
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.052 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

GAGH0

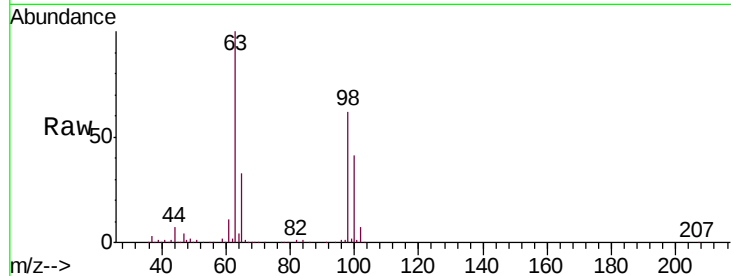
Tgt Ion: 101 Resp: 963

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

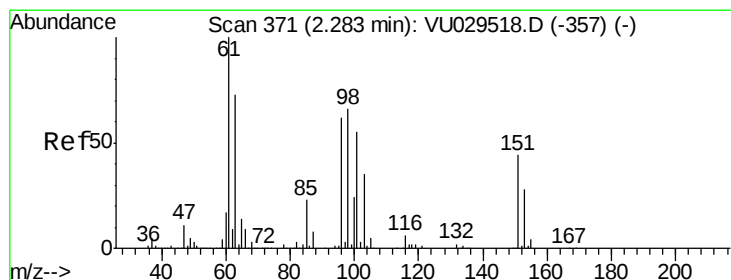
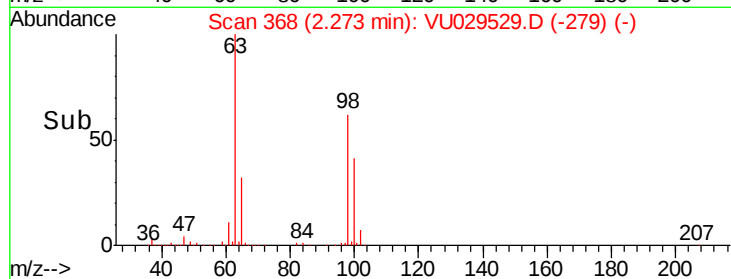
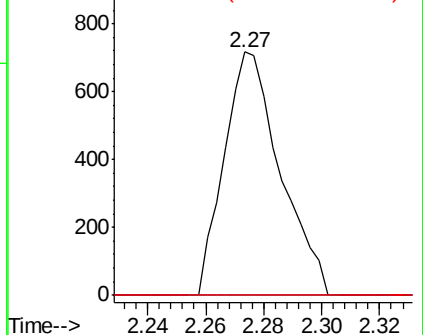
151 0.0 67.0 100.6#



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



#12

1,1-Dichloroethene

Concen: 0.053 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

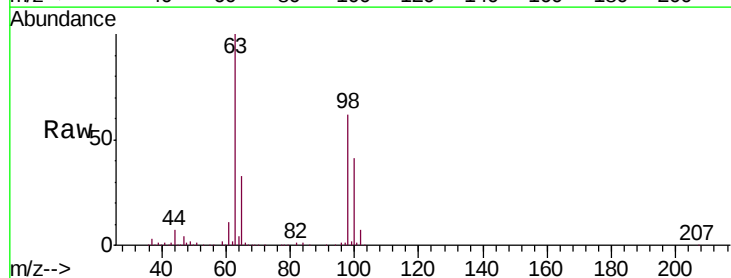
Tgt Ion: 96 Resp: 925

Ion Ratio Lower Upper

96 100

61 1134.5 115.1 213.7#

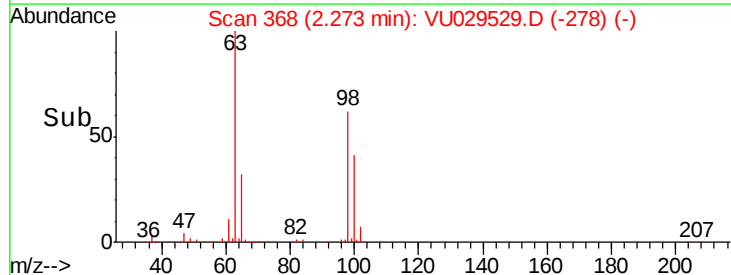
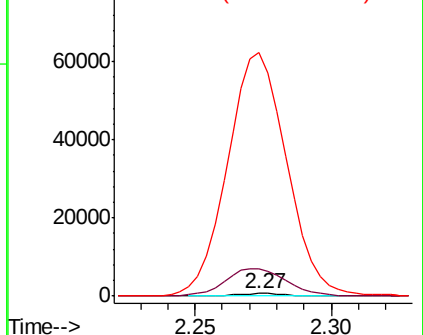
63 10183.0 83.5 155.1#

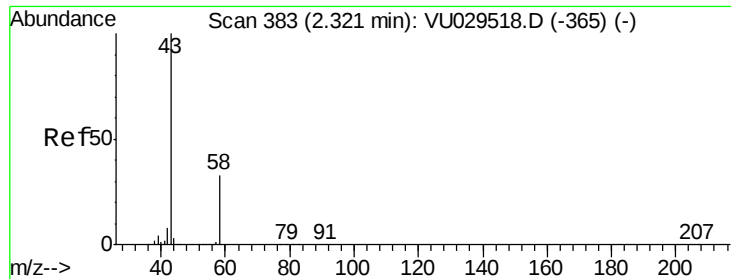


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.011 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

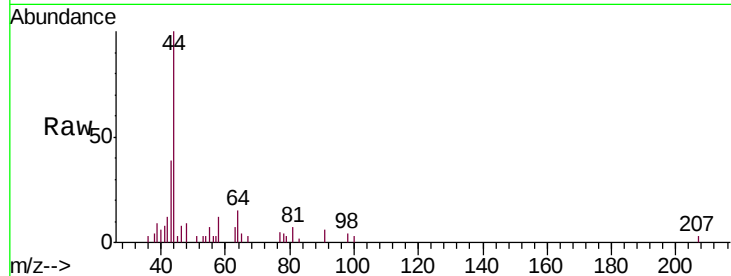
GAGH0

Tgt Ion: 43 Resp: 2710

Ion Ratio Lower Upper

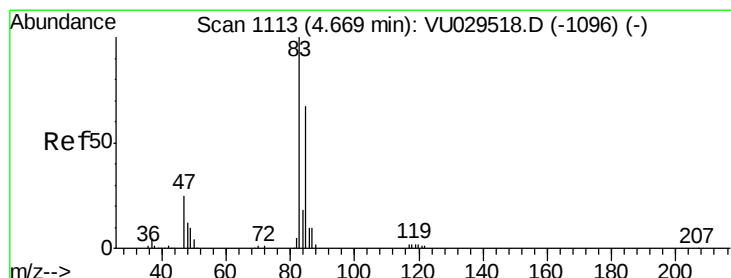
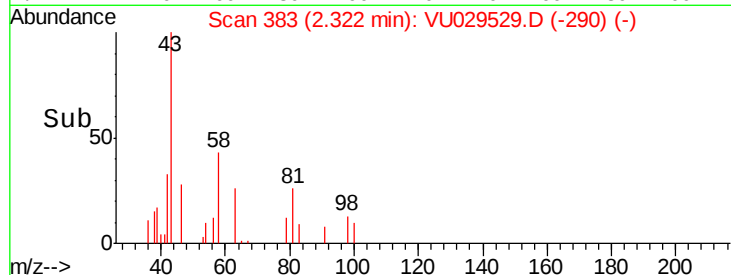
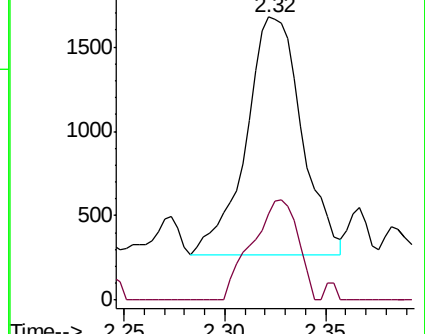
43 100

58 35.1 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.613 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029529.D

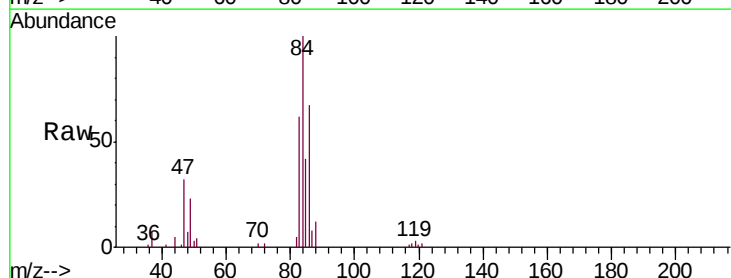
Acq: 18 Feb 2019 14:57

Tgt Ion: 83 Resp: 17113

Ion Ratio Lower Upper

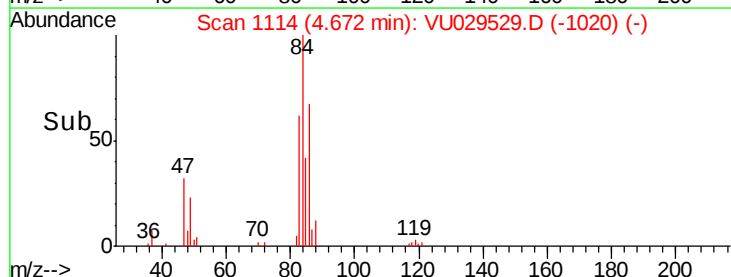
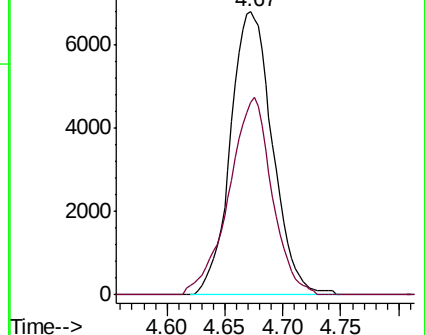
83 100

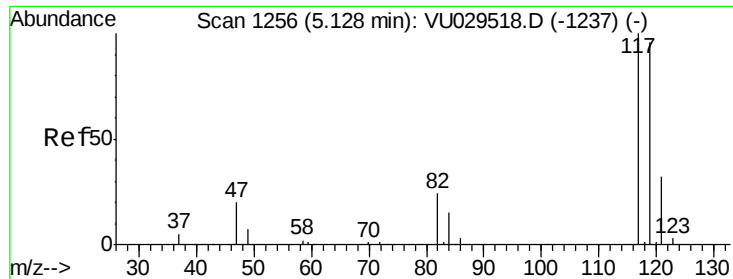
85 68.2 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 20.320 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

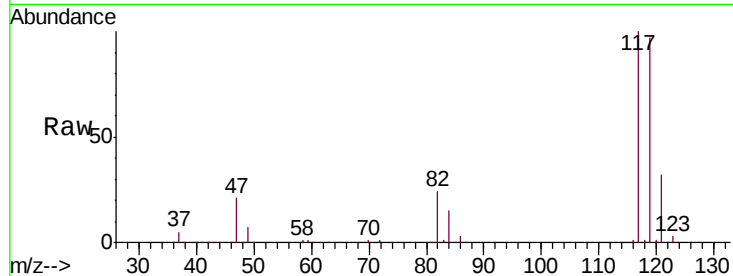
GAGH0

Tgt Ion:117 Resp: 462733

Ion Ratio Lower Upper

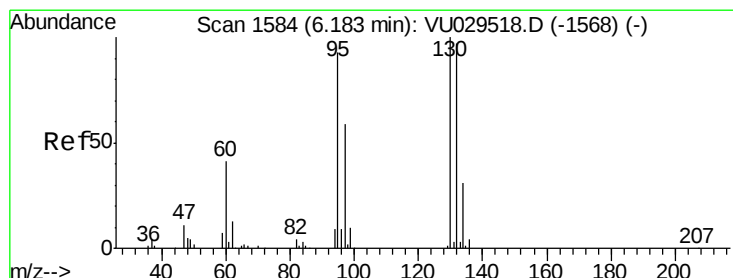
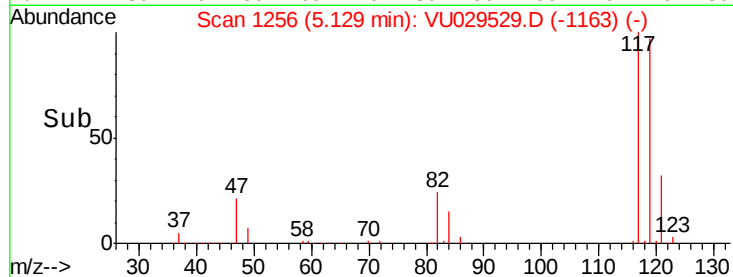
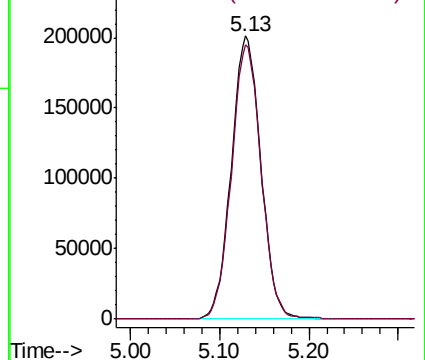
117 100

119 97.4 78.1 117.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.082 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

Tgt Ion: 95 Resp: 1380

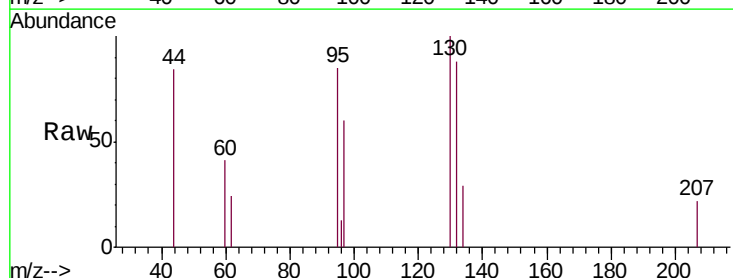
Ion Ratio Lower Upper

95 100

97 70.6 46.3 86.1

132 103.3 72.9 135.3

130 118.0 79.2 147.0

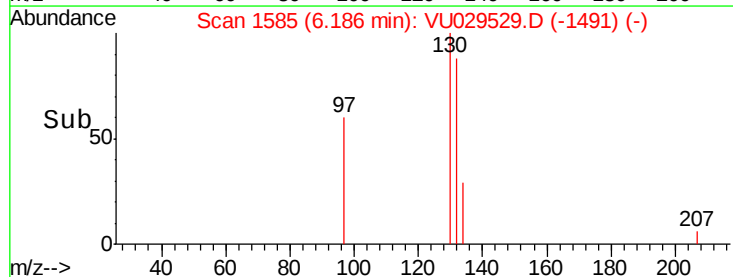
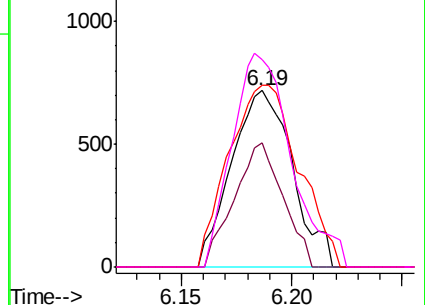


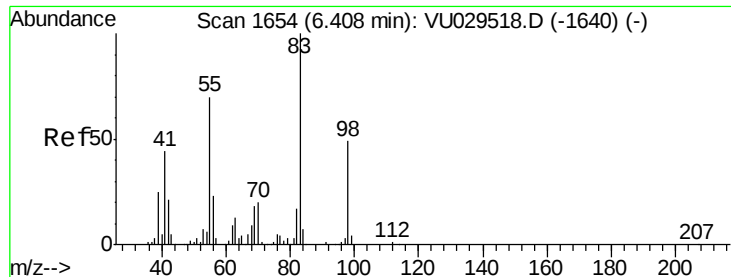
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

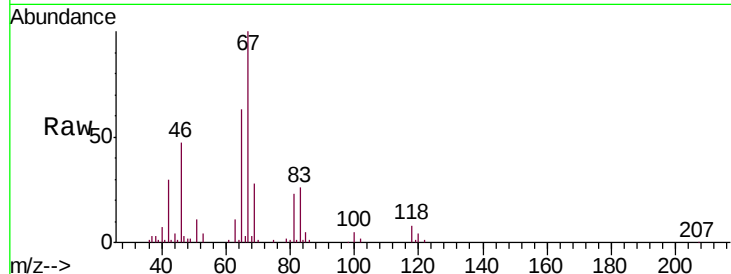




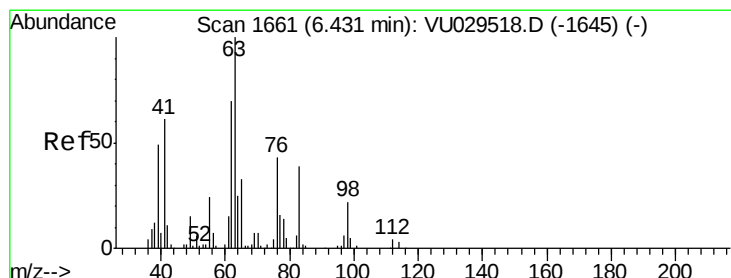
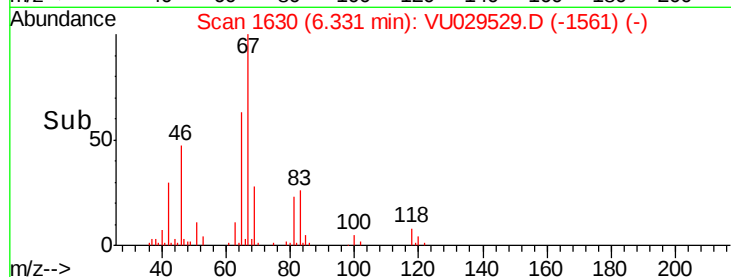
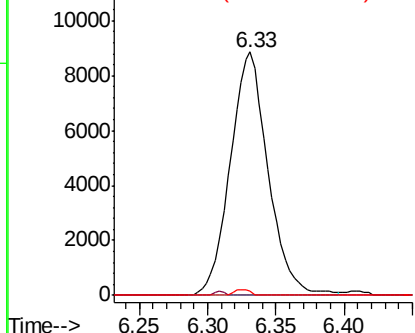
#35
Methylcyclohexane
Concen: 0.602 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029529.D
Acq: 18 Feb 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
GAGH0

Tgt Ion: 83 Resp: 17068
Ion Ratio Lower Upper
83 100
55 0.4 55.9 83.9#
98 1.0 38.6 57.8#

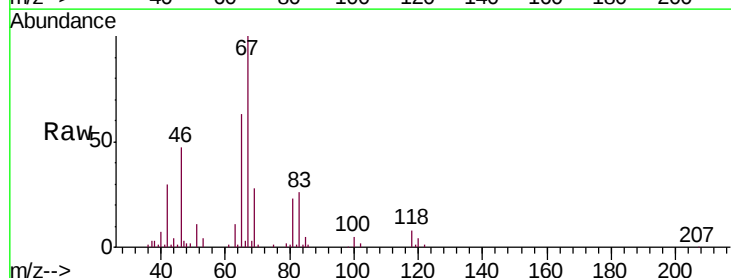


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

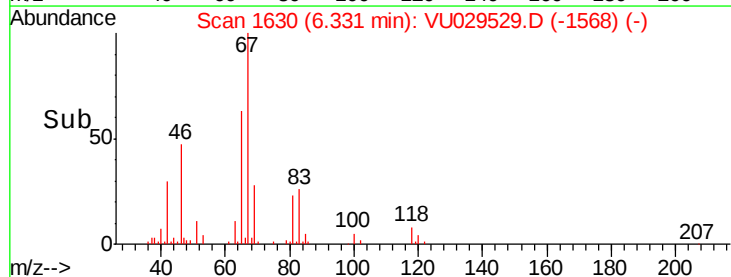
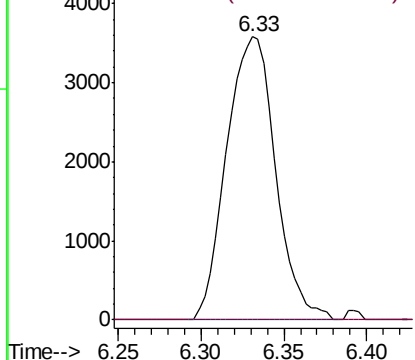


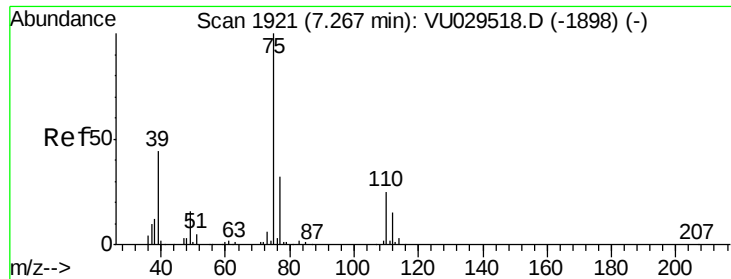
#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029529.D
Acq: 18 Feb 2019 14:57

Tgt Ion: 63 Resp: 7355
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

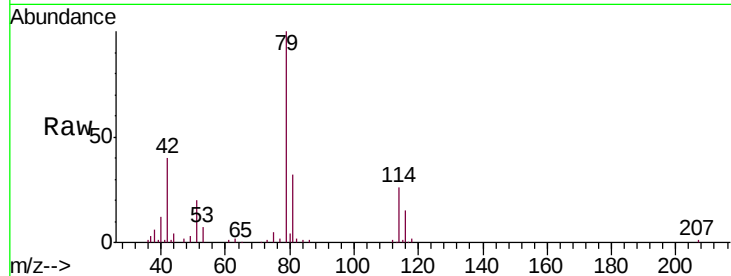
GAGH0

Tgt Ion: 75 Resp: 2209

Ion Ratio Lower Upper

75 100

77 43.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

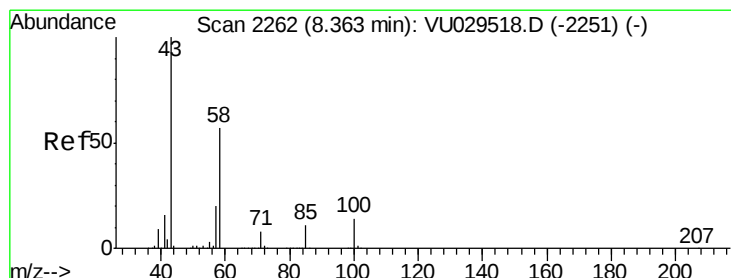
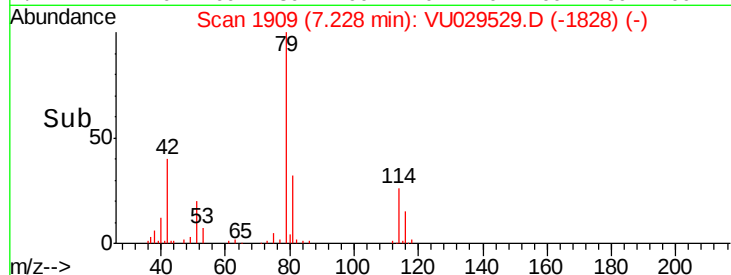
7.23

1000

500

0

Time-->



#48

2-Hexanone

Concen: 0.400 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029529.D

Acq: 18 Feb 2019 14:57

Tgt Ion: 43 Resp: 2522

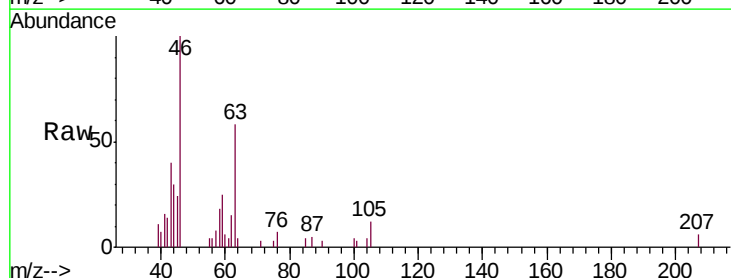
Ion Ratio Lower Upper

43 100

58 54.4 45.7 68.5

57 19.8 16.4 24.6

100 4.8 11.1 16.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

8.37

10000

8000

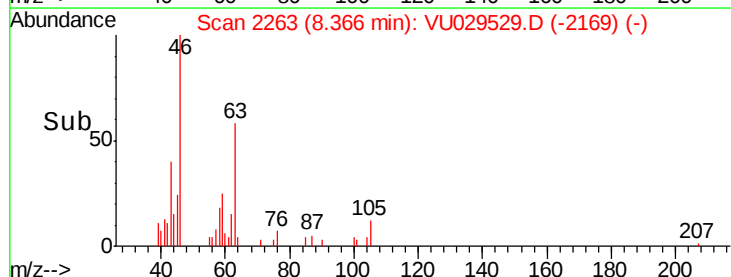
6000

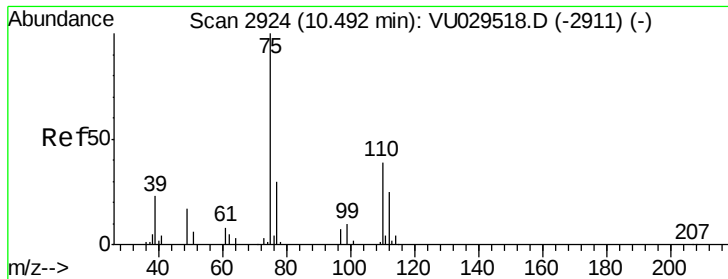
4000

2000

0

Time-->

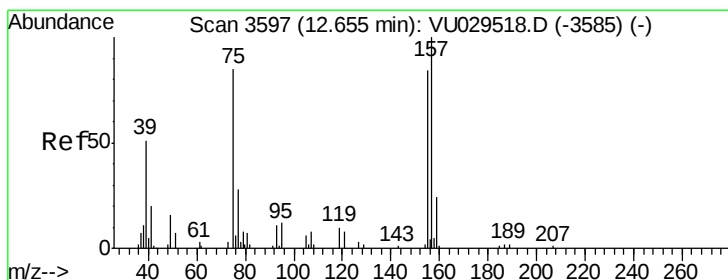
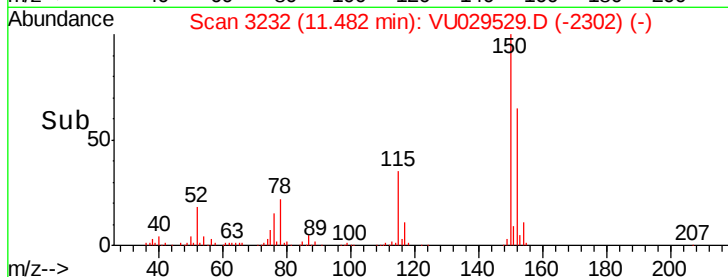
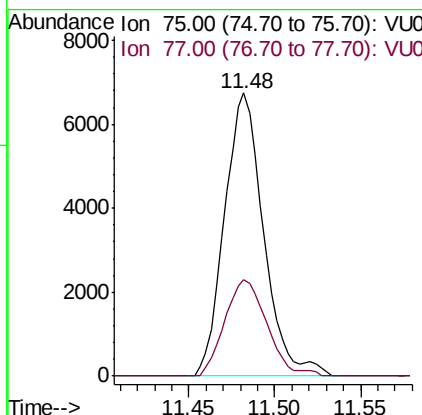
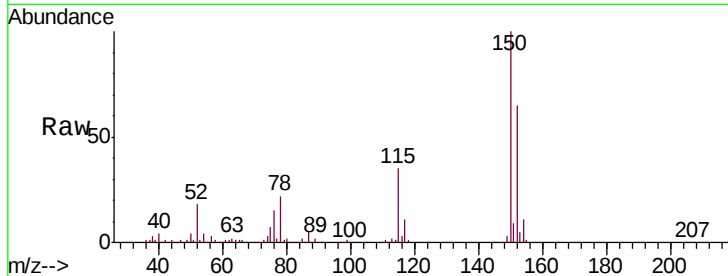




#59
 1,2,3-Trichloropropane
 Concen: 1.110 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029529.D
 Acq: 18 Feb 2019 14:57

Instrument :
 MSVOA_U
 ClientSampleId :
 GAGH0

Tgt Ion: 75 Resp: 10696
 Ion Ratio Lower Upper
 75 100
 77 36.1 28.2 42.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.206 ug/L
 RT: 12.48 min Scan# 3543
 Delta R.T. -0.17 min
 Lab File: VU029529.D
 Acq: 18 Feb 2019 14:57

Tgt Ion: 75 Resp: 466
 Ion Ratio Lower Upper
 75 100
 155 0.0 75.3 112.9#
 157 0.0 103.0 154.4#

