

Data File : VU033073.D
Acq On : 28 Jun 2019 15:06
Operator : JC/SP
Sample : K3597-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM65

Quant Time: Jun 29 00:35:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89937	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	89561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36409	6.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.60%
7) Chloroethane-d5	1.68	69	28903	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.27	63	55725	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.19	46	89487	49.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.48%
24) Chloroform-d	4.64	84	63040	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.31	65	35881	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.33	84	120860	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.32	67	39473	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.56	98	107710	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.85	79	15405	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.31	63	63383	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29545	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42584	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
13) Acetone	2.32	43	16249	10.610	ug/L 99
21) 2-Butanone	4.28	43	8691	4.031	ug/L 94
22) cis-1,2-Dichloroethene	4.22	96	729	0.102	ug/L 69
34) Trichloroethene	6.18	95	2090	0.289	ug/L 86
35) Methylcyclohexane	6.32	83	8983	0.834	ug/L # 16
37) 1,2-Dichloropropane	6.33	63	4476	0.632	ug/L # 87
44) trans-1,3-Dichloropropene	7.85	75	780	0.093	ug/L 96
45) 1,1,2-Trichloroethane	8.22	97	17513	3.527	ug/L # 7
47) Tetrachloroethene	8.22	164	1851864	318.365	ug/L 97
48) 2-Hexanone	8.36	43	5953	1.705	ug/L # 92
49) Dibromochloromethane	8.22	129	1794486	284.848	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	6138	1.295	ug/L 94

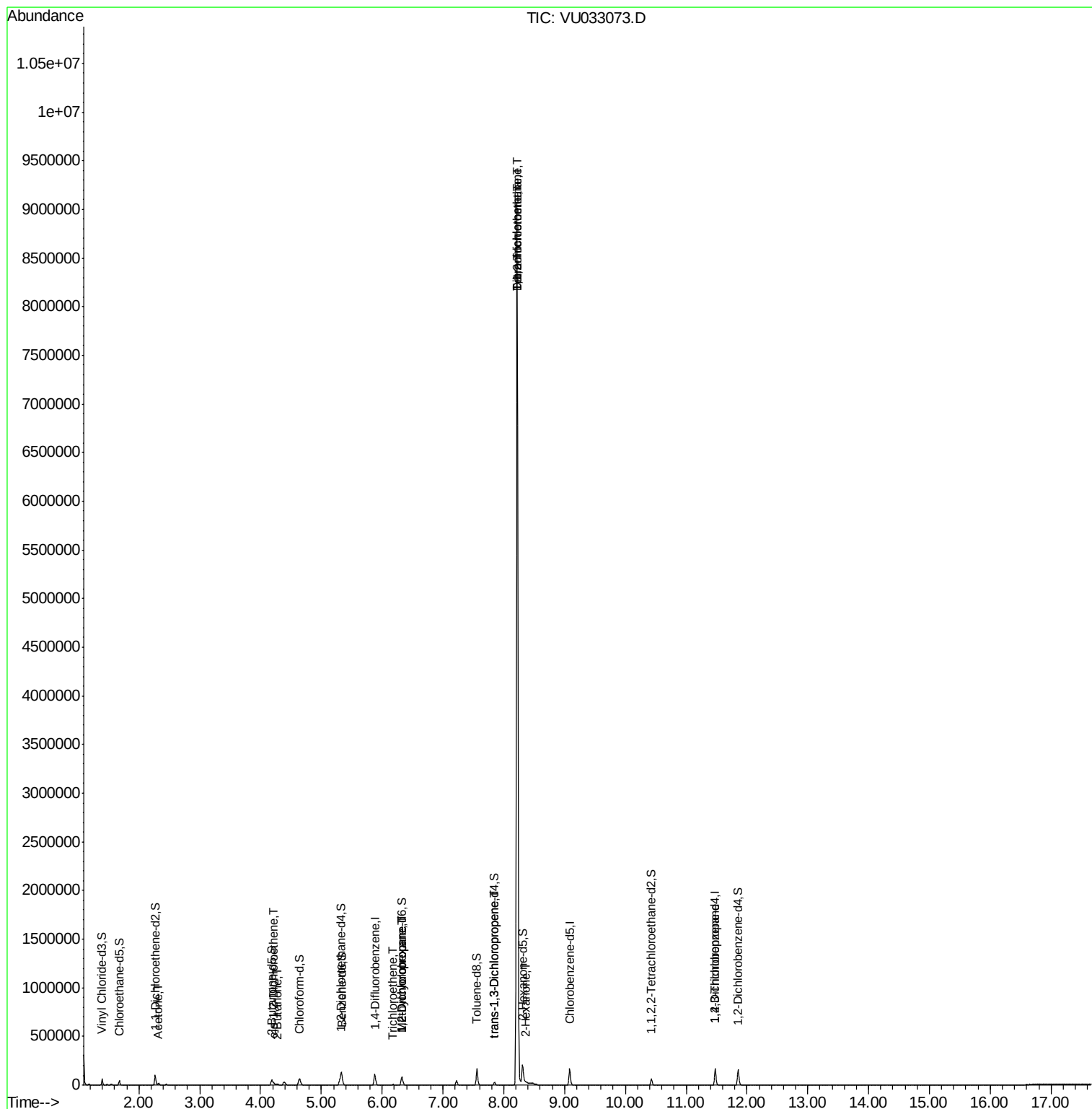
(#) = qualifier out of range (m) = manual integration (+) = signals summed

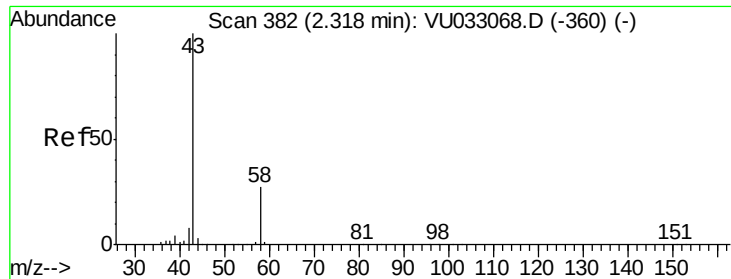
Data File : VU033073.D

```
Acq On       : 28 Jun 2019   15:06
Operator    : JC/SP
Sample      : K3597-08
Misc       : 25.0mL/MSVOA_U/WATER
ALS Vial    : 7   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
GAM65

Quant Time: Jun 29 00:35:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.610 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampled :

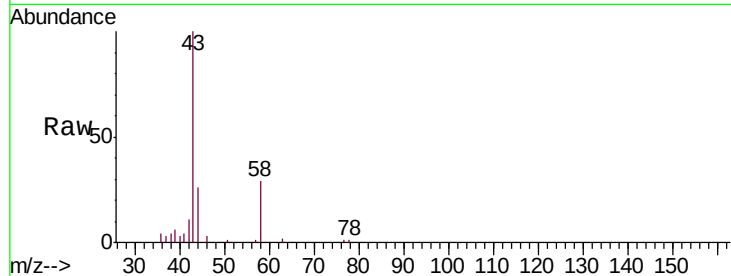
GAM65

Tgt Ion: 43 Resp: 16249

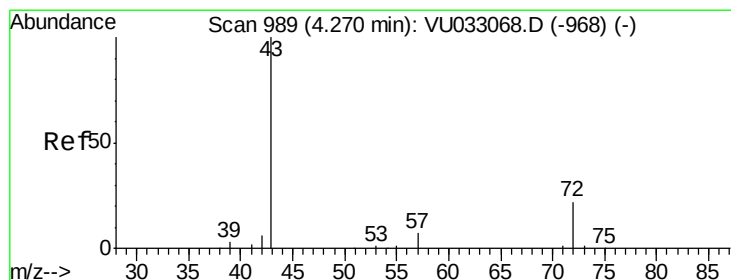
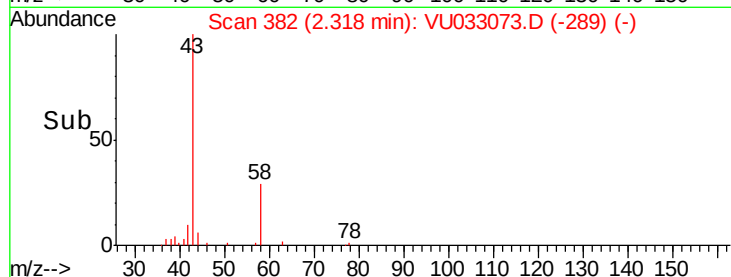
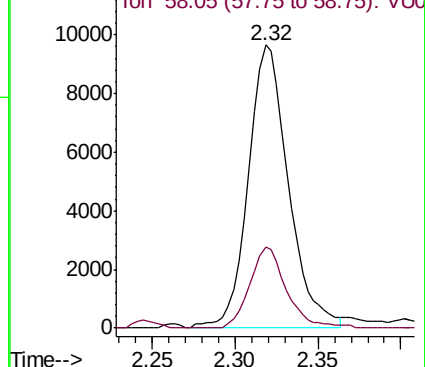
Ion Ratio Lower Upper

43 100

58 26.2 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-360) (-)



#21

2-Butanone

Concen: 4.031 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033073.D

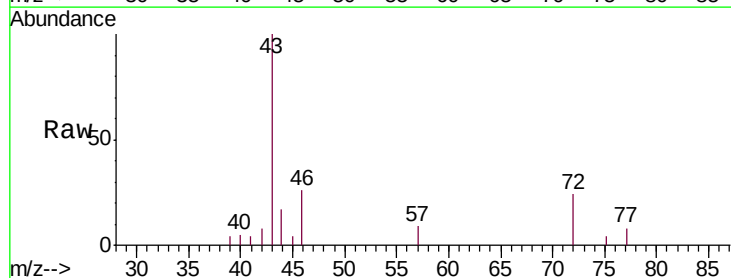
Acq: 28 Jun 2019 15:06

Tgt Ion: 43 Resp: 8691

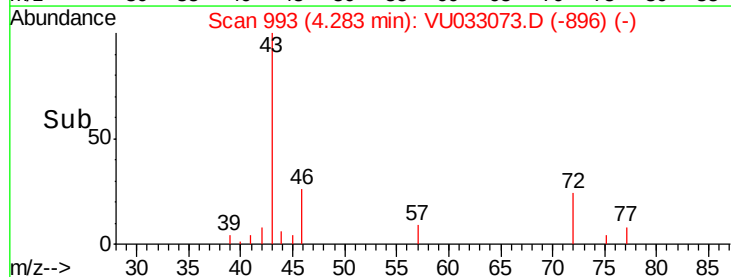
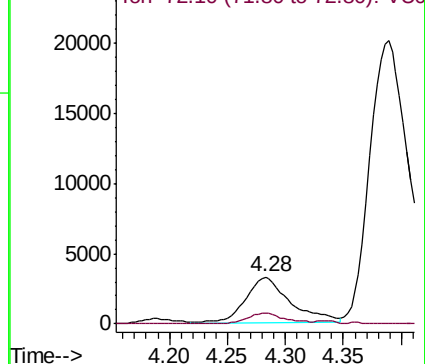
Ion Ratio Lower Upper

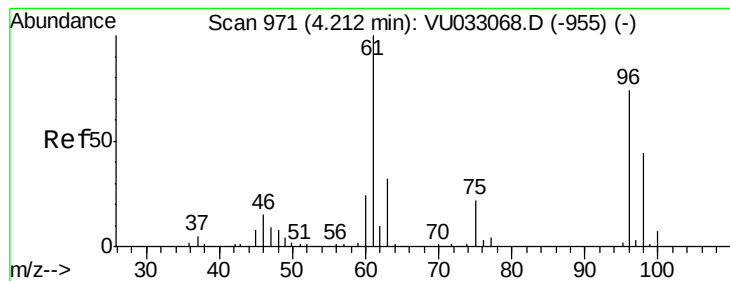
43 100

72 20.3 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-968) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.102 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.01 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

GAM65

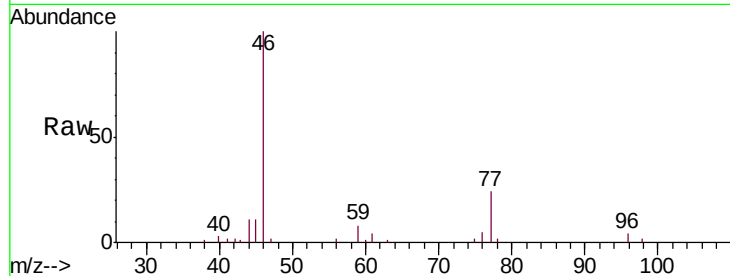
Tgt Ion: 96 Resp: 729

Ion Ratio Lower Upper

96 100

61 97.9 94.6 175.8

68 0.0 0.0 0.0

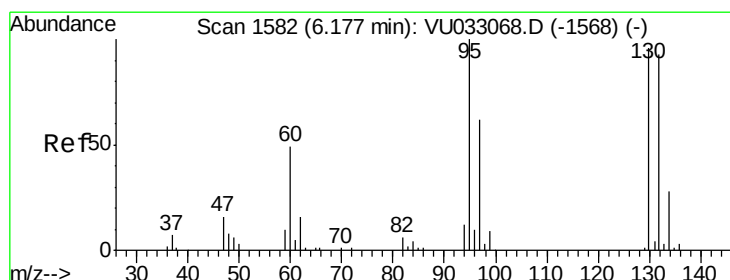
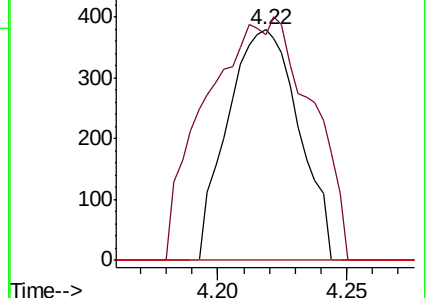
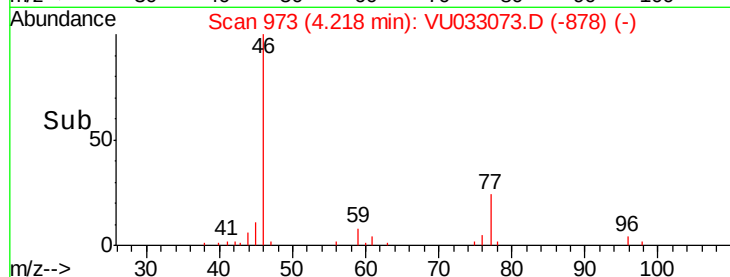


Abundance Ion 96.00 (95.70 to 96.70): VU033068.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU033068.D (-955) (-)

Ion 68.15 (67.85 to 68.85): VU033068.D (-955) (-)

Time-->



#34

Trichloroethene

Concen: 0.289 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Tgt Ion: 95 Resp: 2090

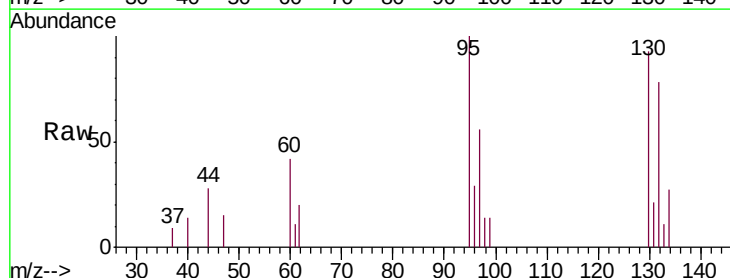
Ion Ratio Lower Upper

95 100

97 56.0 46.0 85.4

132 78.0 68.6 127.4

130 92.6 71.1 132.1



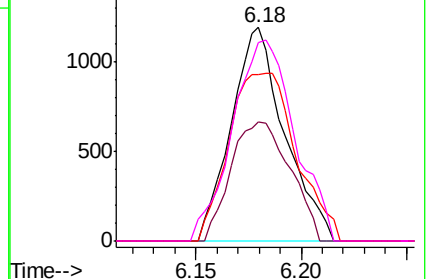
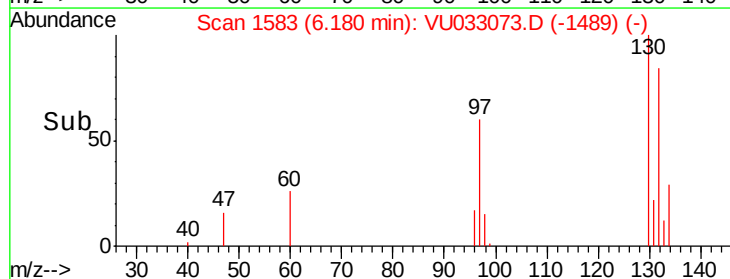
Abundance Ion 95.00 (94.70 to 95.70): VU033068.D (-1568) (-)

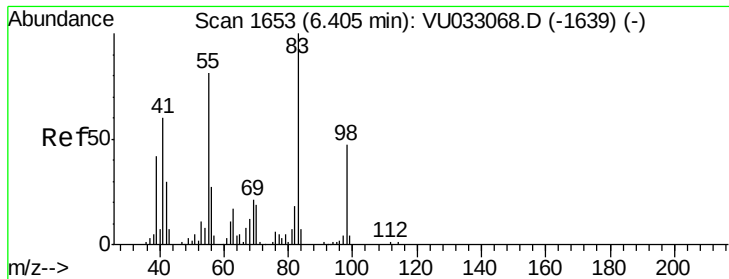
Ion 96.95 (96.65 to 97.65): VU033068.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU033068.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU033068.D (-1568) (-)

Time-->

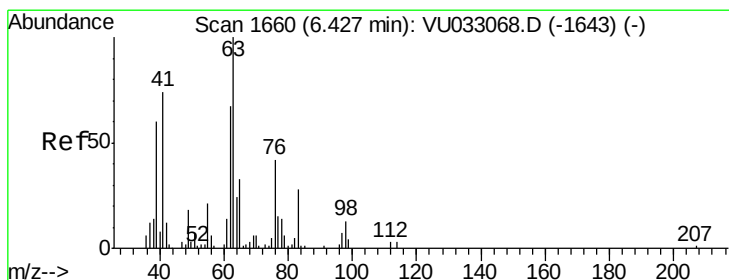
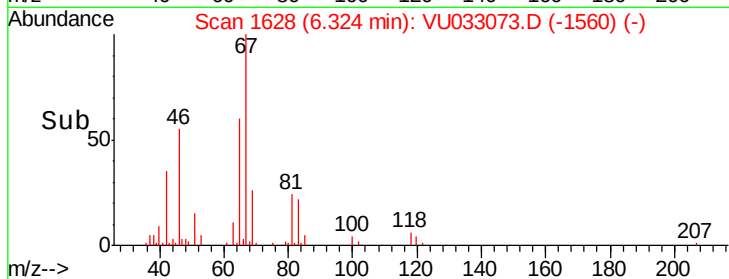
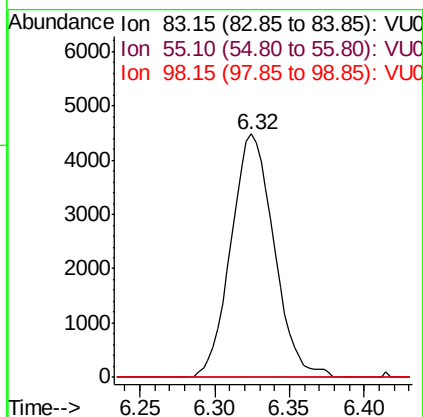
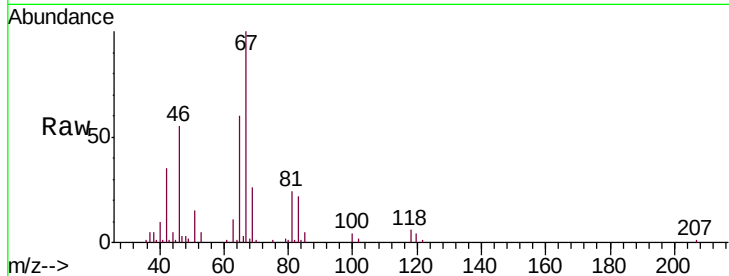




#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033073.D
Acq: 28 Jun 2019 15:06

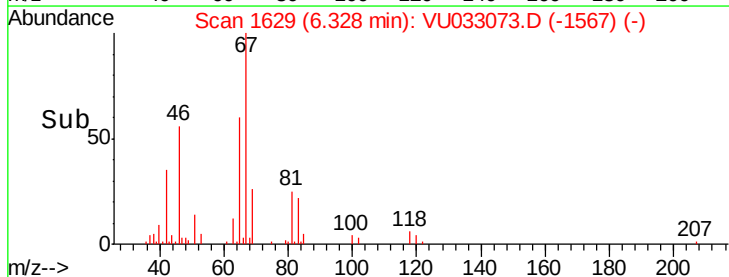
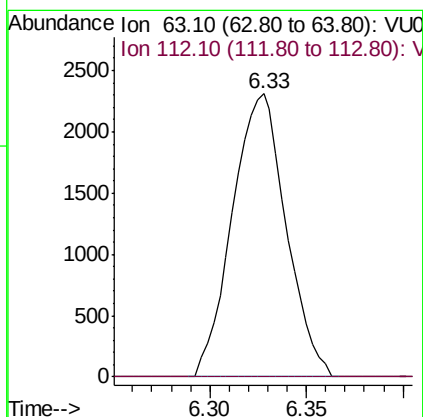
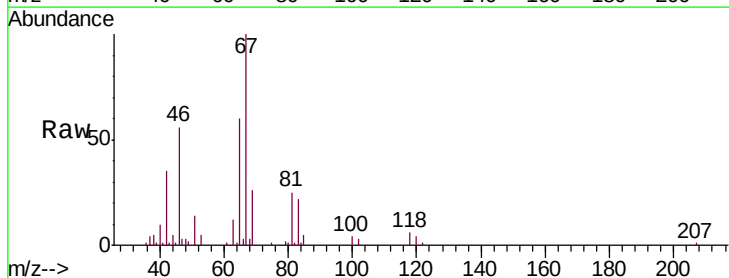
Instrument :
MSVOA_U
ClientSampleId :
GAM65

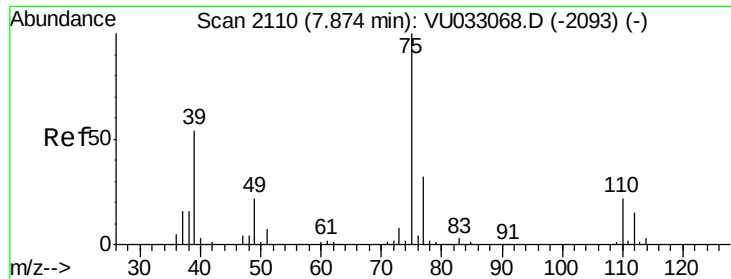
Tgt Ion: 83 Resp: 8983
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 1.8 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.632 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU033073.D
Acq: 28 Jun 2019 15:06

Tgt Ion: 63 Resp: 4476
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampled :

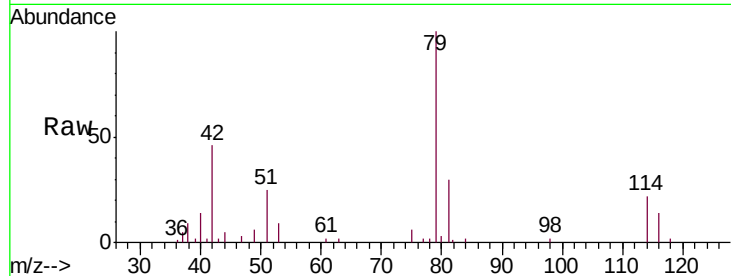
GAM65

Tgt Ion: 75 Resp: 780

Ion Ratio Lower Upper

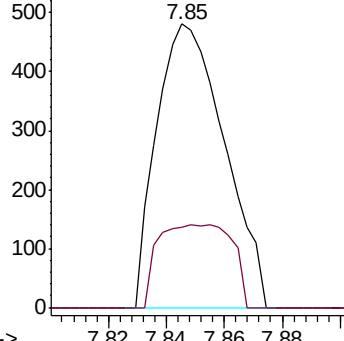
75 100

77 28.5 21.6 40.2

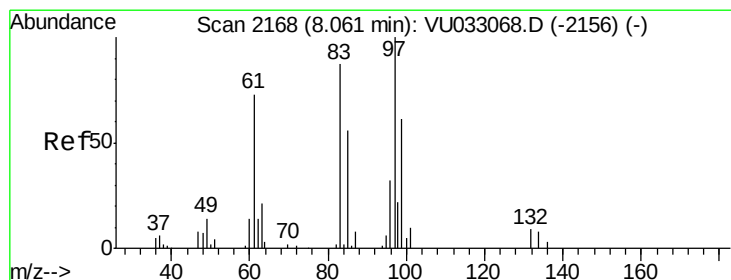
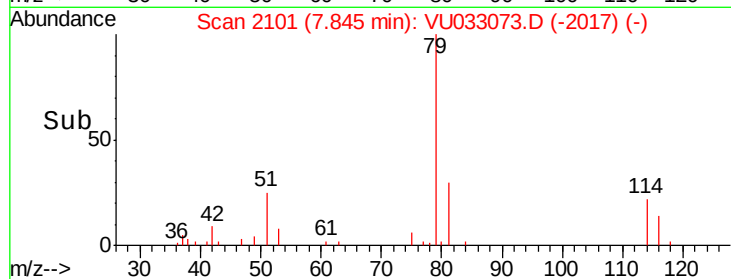


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#45

1,1,2-Trichloroethane

Concen: 3.527 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Tgt Ion: 97 Resp: 17513

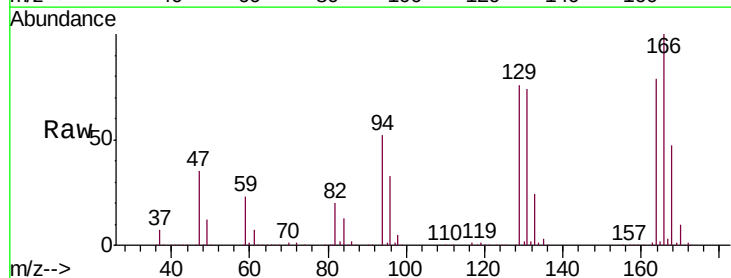
Ion Ratio Lower Upper

97 100

99 15.5 44.7 83.1#

83 236.2 62.6 116.2#

85 35.5 40.5 75.1#

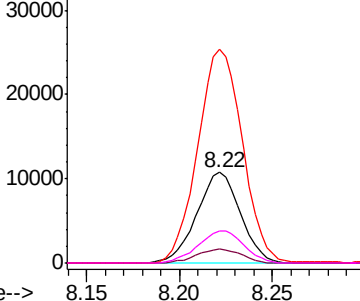


Abundance Ion 96.95 (96.65 to 97.65): VU0

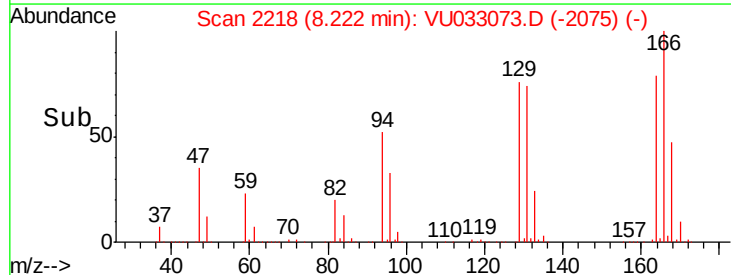
Ion 99.05 (98.75 to 99.75): VU0

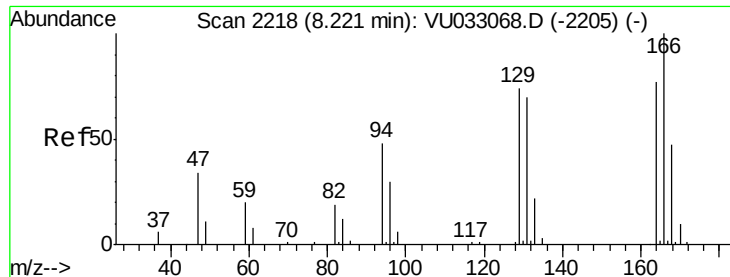
Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



Time-->





#47

Tetrachloroethene

Concen: 318.365 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampled :

GAM65

Tgt Ion:164 Resp: 1851864

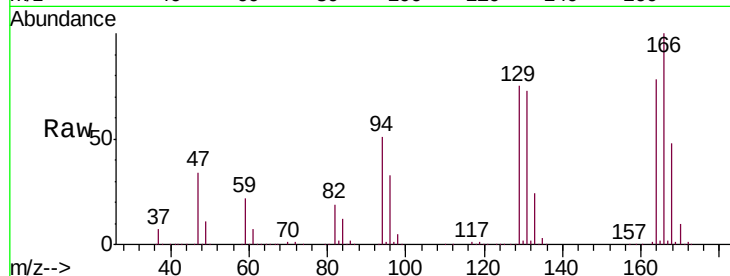
Ion Ratio Lower Upper

164 100

129 96.6 64.9 120.5

131 94.1 63.5 117.9

166 128.7 89.1 165.5

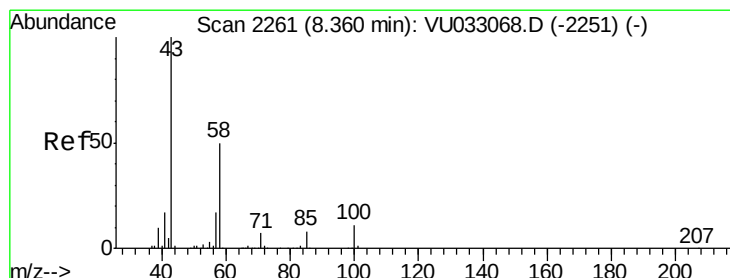
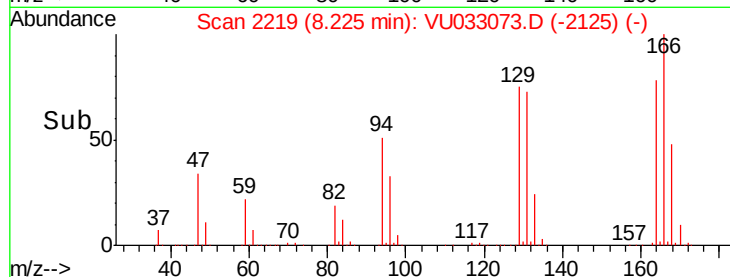
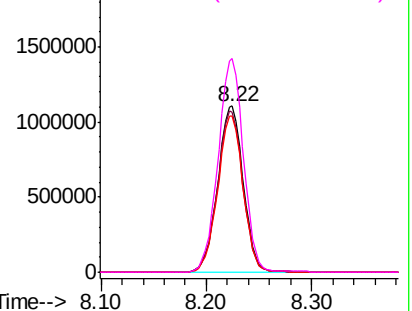


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.705 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Tgt Ion: 43 Resp: 5953

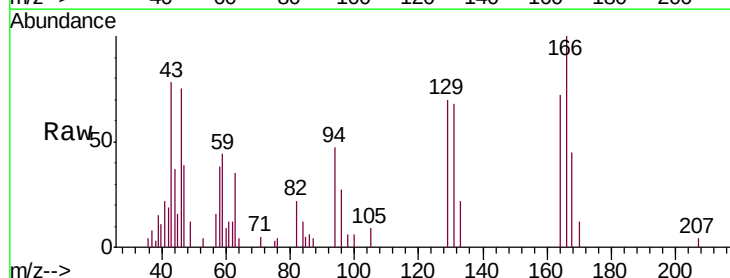
Ion Ratio Lower Upper

43 100

58 44.8 40.0 60.0

57 20.3 14.0 21.0

100 6.3 7.9 11.9#

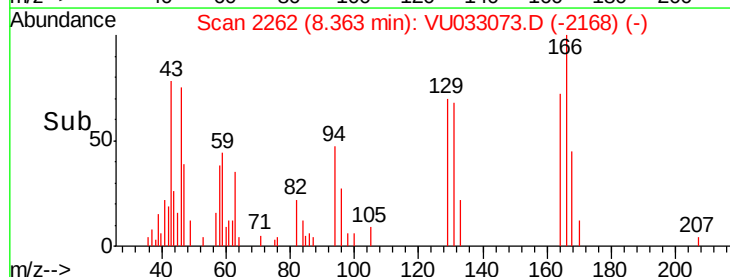
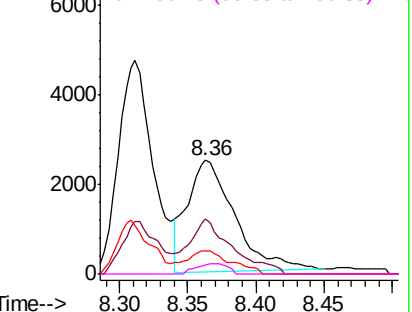


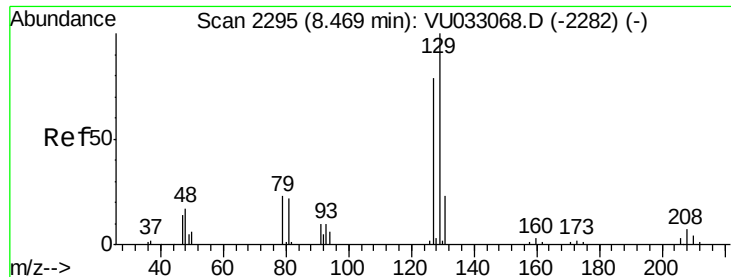
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 284.848 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU033073.D

Acq: 28 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

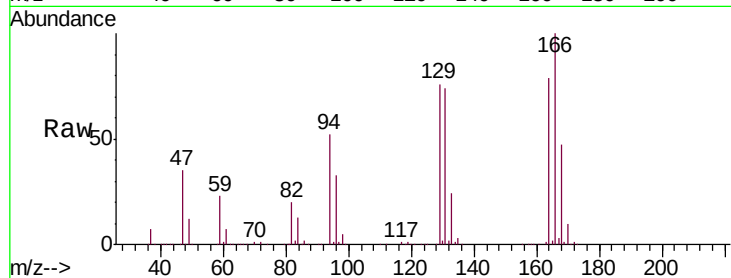
GAM65

Tgt Ion:129 Resp: 1794486

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

1200000

1000000

800000

600000

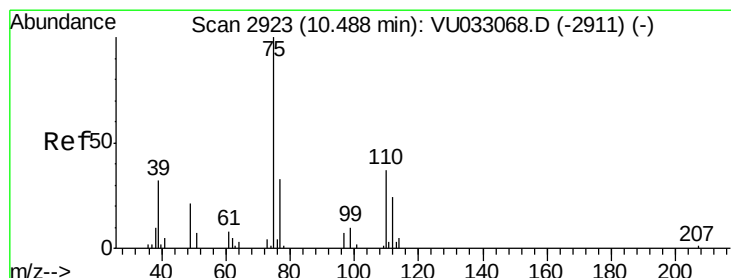
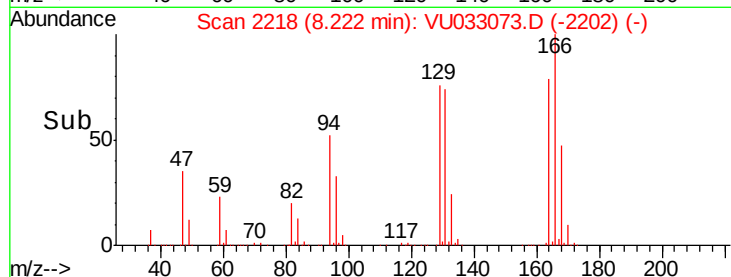
400000

200000

0

8.10 8.20 8.30 8.40

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.295 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033073.D

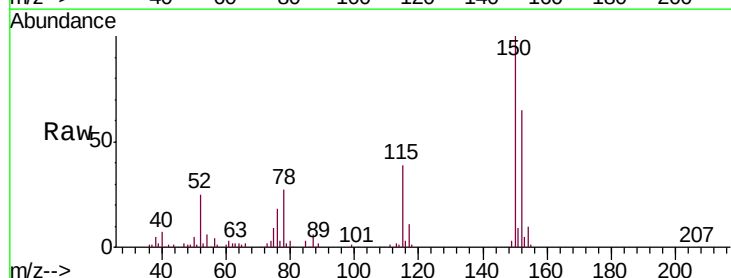
Acq: 28 Jun 2019 15:06

Tgt Ion: 75 Resp: 6138

Ion Ratio Lower Upper

75 100

77 35.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

4000

3000

2000

1000

0

11.45 11.50

Time-->

