

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
 Data File : VU033070.D
 Acq On : 28 Jun 2019 13:53
 Operator : JC/SP
 Sample : K3597-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM62

Quant Time: Jun 29 00:41:30 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	90375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18643	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	1.68	69	18265	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.27	63	32374	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	4.19	46	88135	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	4.64	84	49583	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.31	65	29257	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.33	84	86493	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
36) 1,2-Dichloropropane-d6	6.32	67	30485	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.56	98	75716	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	7.85	79	11572	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	56533	43.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26854	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	34938	4.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.40%

Target Compounds

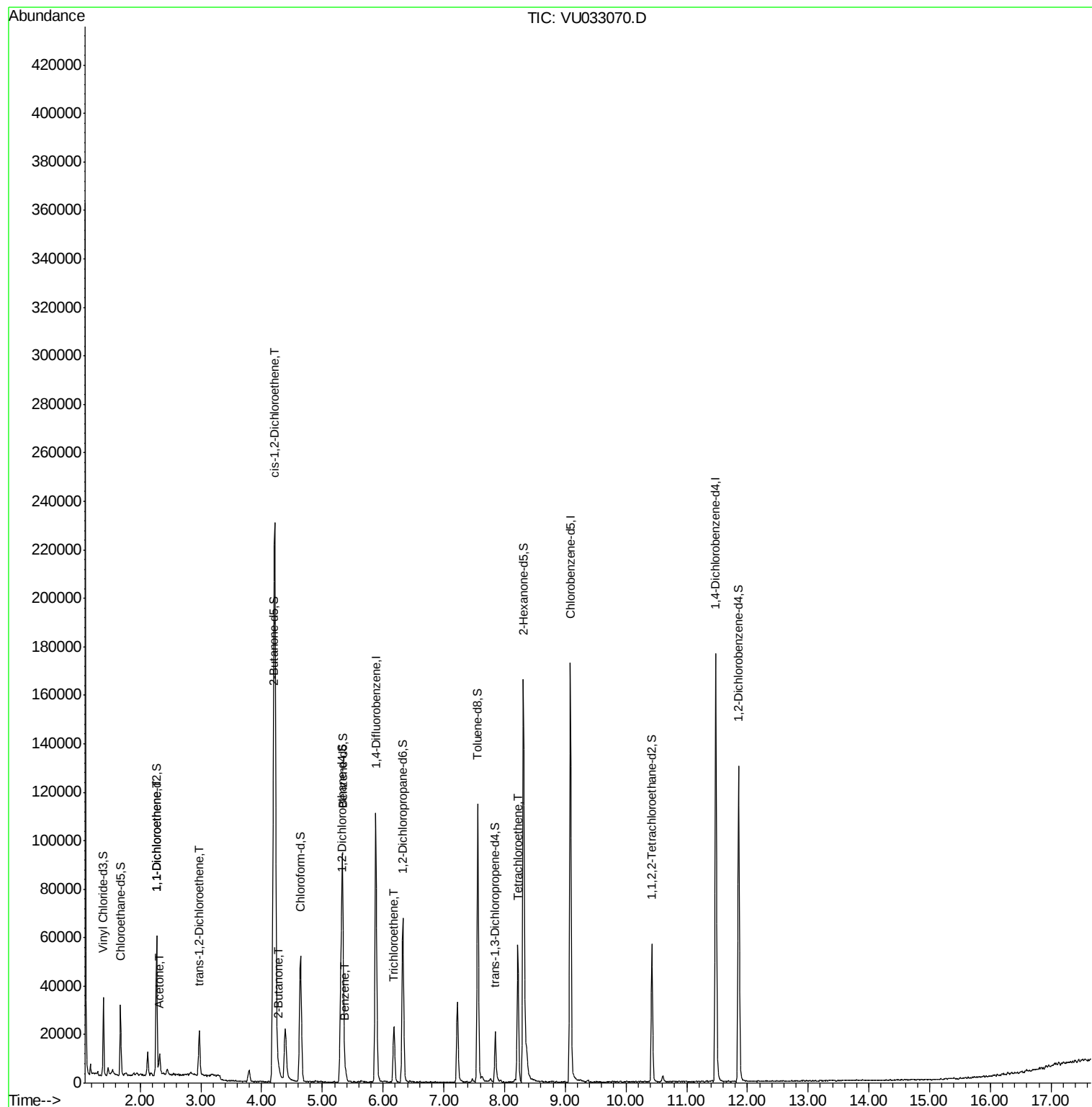
					Ovalue
12) 1,1-Dichloroethene	2.28	96	1685	0.280 ug/L #	1
13) Acetone	2.32	43	9585	6.228 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	6223	0.945 ug/L	97
21) 2-Butanone	4.29	43	4454	2.056 ug/L #	76
22) cis-1,2-Dichloroethene	4.22	96	112968	15.793 ug/L	97
33) Benzene	5.38	78	3764	0.137 ug/L	100
34) Trichloroethene	6.18	95	7457	0.992 ug/L	98
47) Tetrachloroethene	8.22	164	11669	1.930 ug/L	91

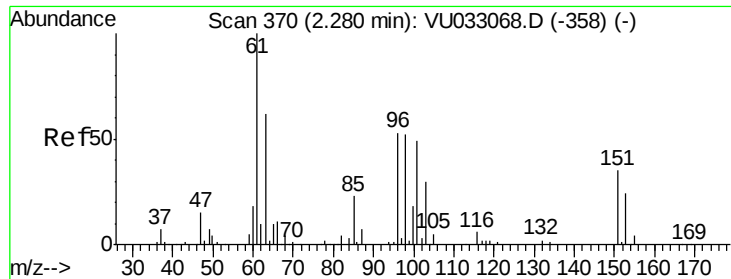
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.280 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU033070.D

Acq: 28 Jun 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

GAM62

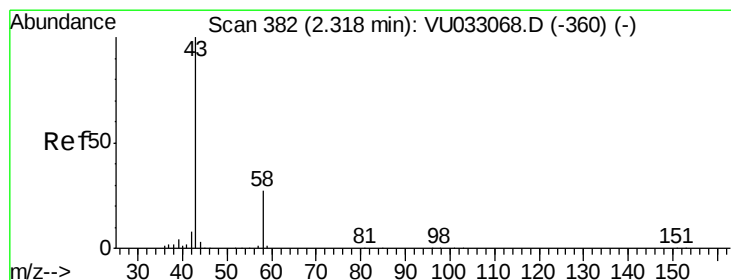
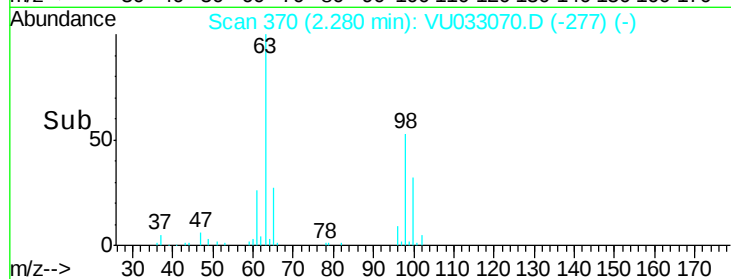
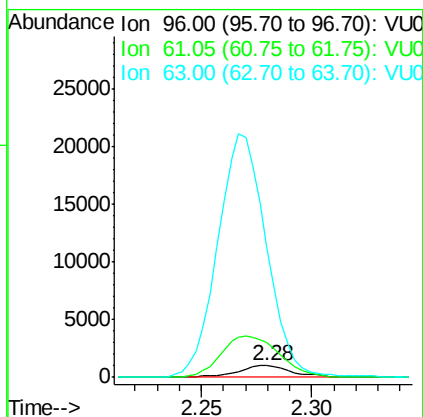
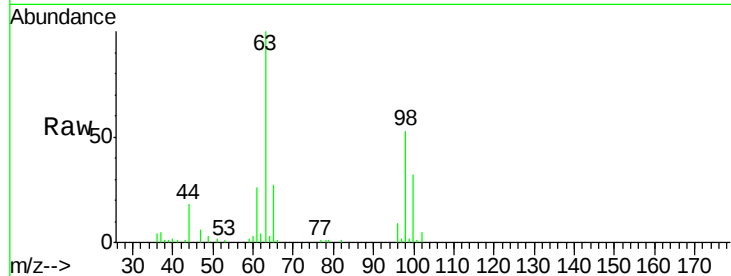
Tot Ion: 96 Resp: 1685

Ion Ratio Lower Upper

96 100

61 296.0 137.6 255.6#

63 1124.5 94.4 175.2#



#13

Acetone

Concen: 6.228 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033070.D

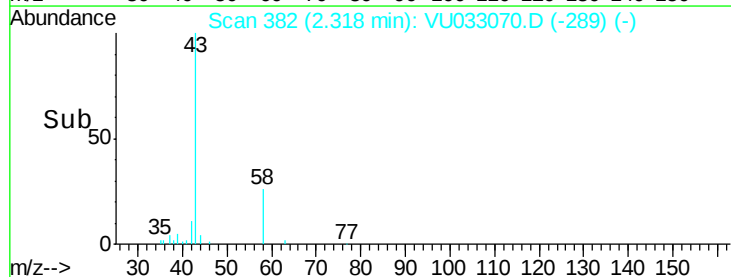
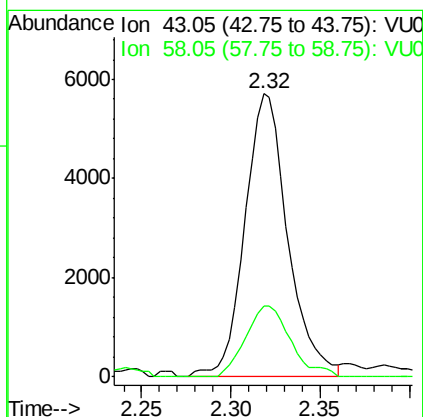
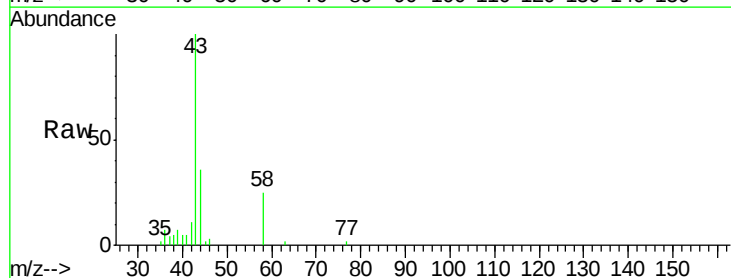
Acq: 28 Jun 2019 13:53

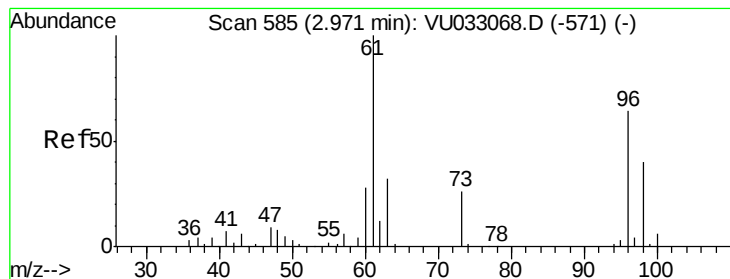
Tgt Ion: 43 Resp: 9585

Ion Ratio Lower Upper

43 100

58 26.5 0.0 51.8





#18

trans-1,2-Dichloroethene

Concen: 0.945 ug/L

RT: 2.97 min Scan# 585

Delta R.T. 0.00 min

Lab File: VU033070.D

Acq: 28 Jun 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

GAM62

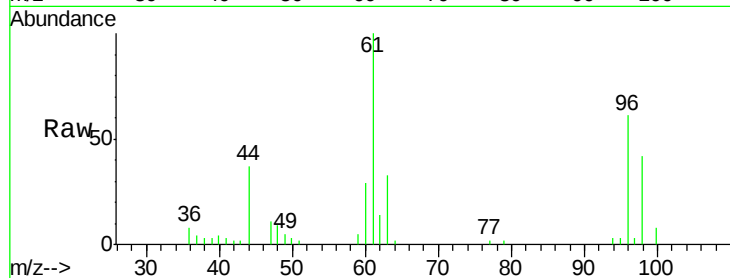
Tot Ion: 96 Resp: 6223

Ion Ratio Lower Upper

96 100

61 163.4 112.2 208.4

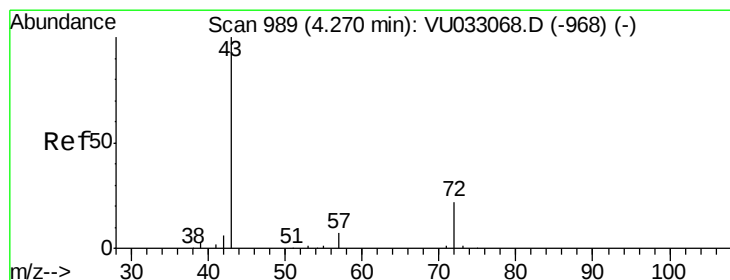
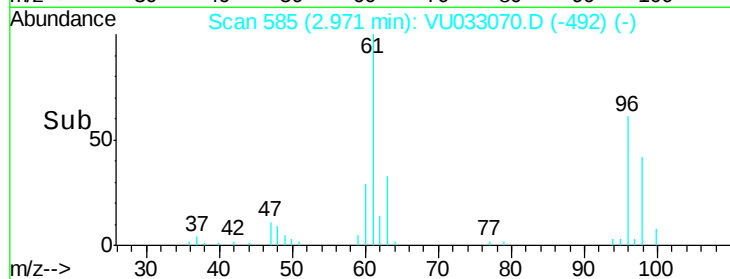
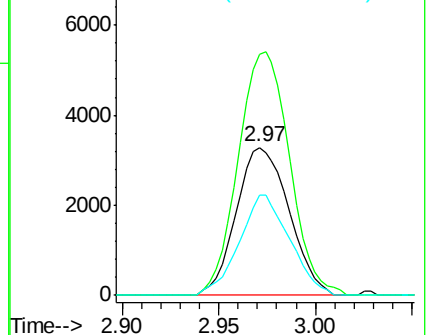
98 68.2 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU033068.D (-571) (-)

Ion 61.05 (60.75 to 61.75): VU033068.D (-571) (-)

Ion 97.95 (97.65 to 98.65): VU033068.D (-571) (-)



#21

2-Butanone

Concen: 2.056 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.02 min

Lab File: VU033070.D

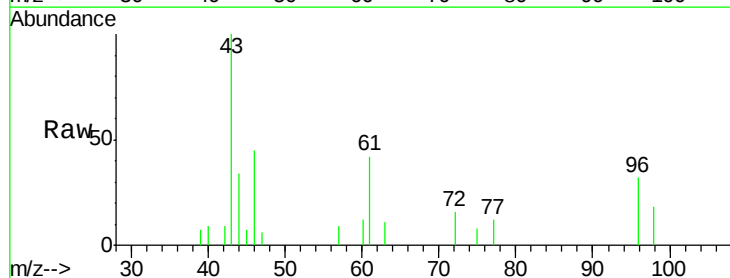
Acq: 28 Jun 2019 13:53

Tgt Ion: 43 Resp: 4454

Ion Ratio Lower Upper

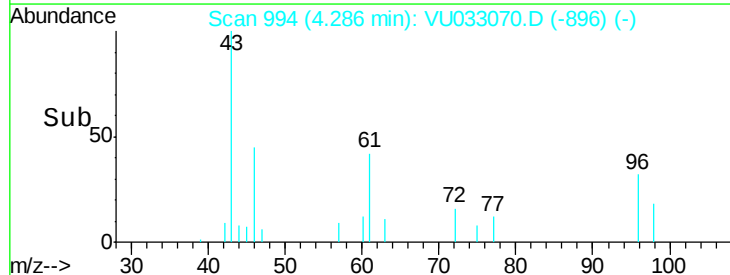
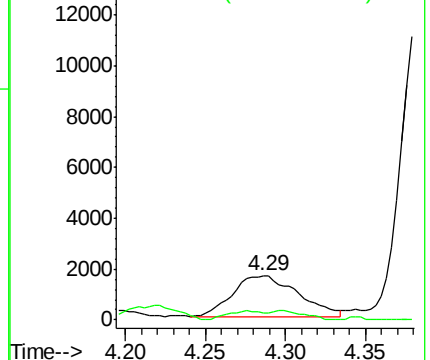
43 100

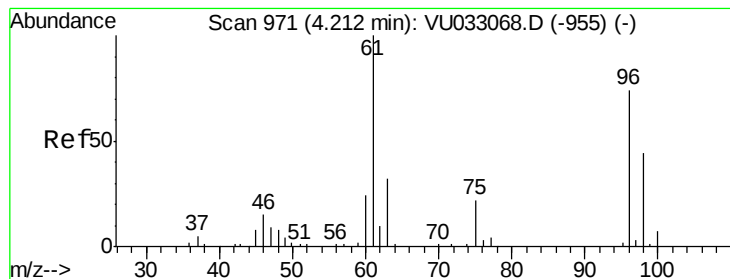
72 11.5 11.5 34.5#



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

Ion 72.10 (71.80 to 72.80): VU033068.D (-968) (-)





#22

cis-1,2-Dichloroethene

Concen: 15.793 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU033070.D

Acq: 28 Jun 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

GAM62

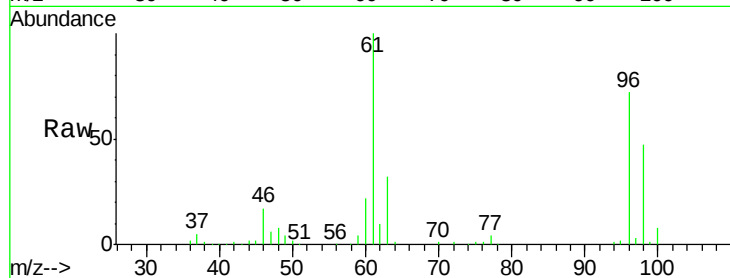
Tot Ion: 96 Resp: 112968

Ion Ratio Lower Upper

96 100

61 138.3 94.6 175.8

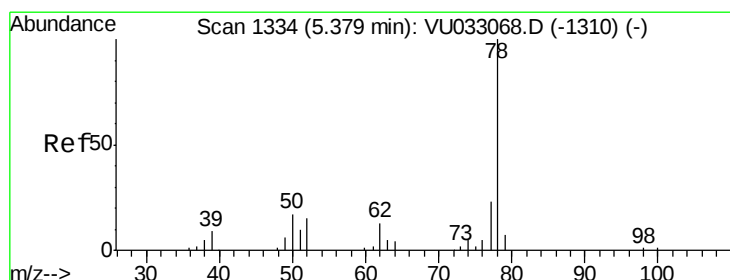
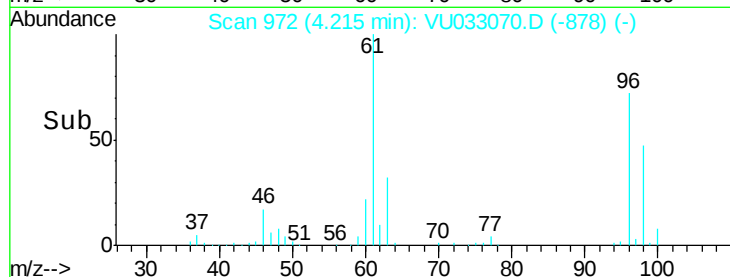
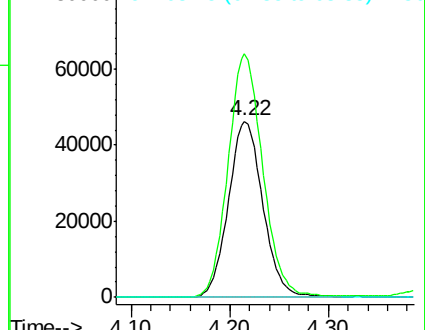
68 0.0 0.0 0.0



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) (-)



#33

Benzene

Concen: 0.137 ug/L

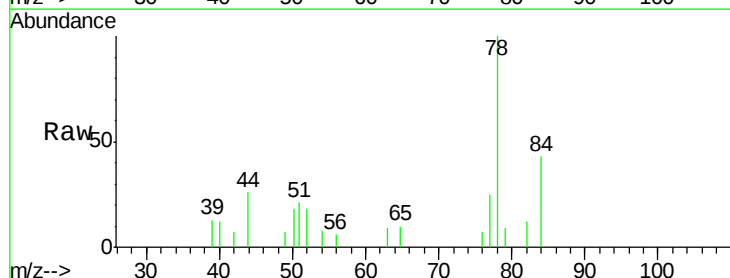
RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

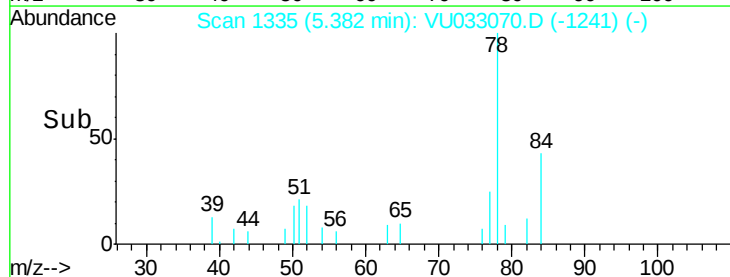
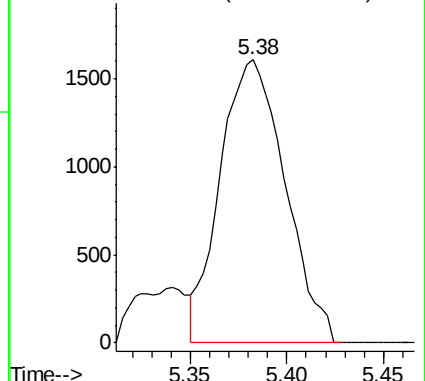
Lab File: VU033070.D

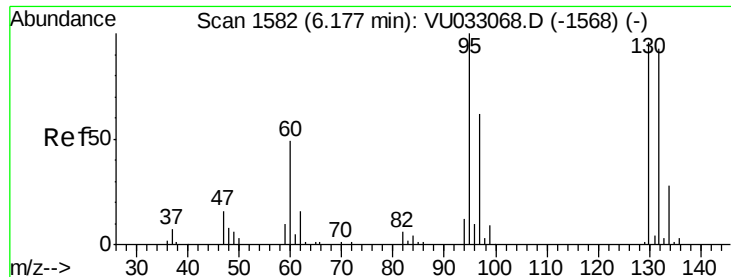
Acq: 28 Jun 2019 13:53

Tgt Ion: 78 Resp: 3764



Abundance Ion 78.10 (77.80 to 78.80): VU033068.D (-1310) (-)





#34

Trichloroethene

Concen: 0.992 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VU033070.D

Acq: 28 Jun 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

GAM62

Tot Ion: 95 Resp: 7457

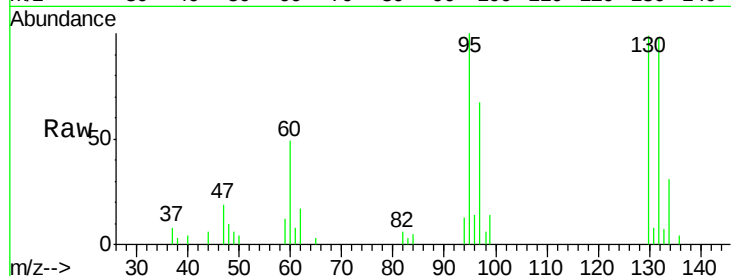
Ion Ratio Lower Upper

95 100

97 67.0 46.0 85.4

132 98.3 68.6 127.4

130 99.0 71.1 132.1

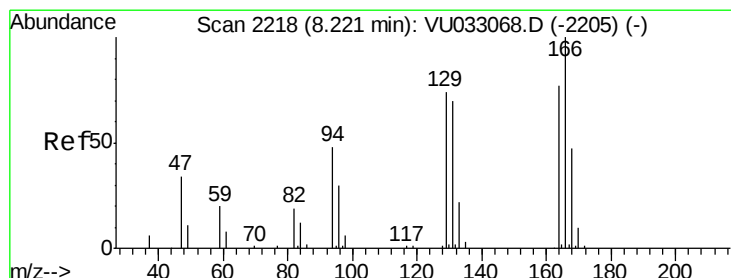
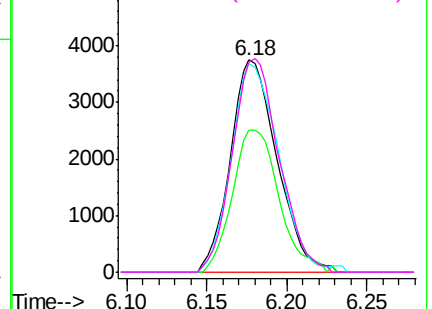
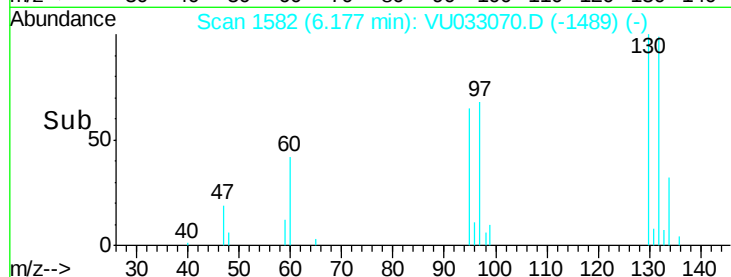


Abundance Ion 95.00 (94.70 to 95.70): VU033070.D (-1489) (-)

Ion 96.95 (96.65 to 97.65): VU033070.D (-1489) (-)

Ion 131.95 (131.65 to 132.65): VU033070.D (-1489) (-)

Ion 129.95 (129.65 to 130.65): VU033070.D (-1489) (-)



#47

Tetrachloroethene

Concen: 1.930 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033070.D

Acq: 28 Jun 2019 13:53

Tgt Ion: 164 Resp: 11669

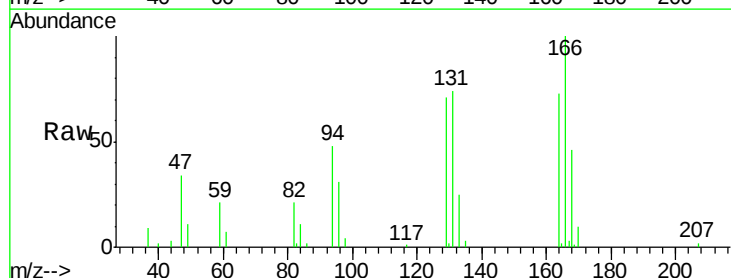
Ion Ratio Lower Upper

164 100

129 97.7 64.9 120.5

131 102.0 63.5 117.9

166 137.5 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VU033070.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU033070.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU033070.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU033070.D (-2125) (-)

