

Data File : VU031928.D
Acq On : 11 May 2019 14:03
Operator : JC/SP
Sample : K2705-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B53

Quant Time: May 13 01:58:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1022792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1010486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	370322	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	339783	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.38%
7) Chloroethane-d5	1.67	69	308282	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	500793	29.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.76%#
21) 2-Butanone-d5	4.17	46	662799	85.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.46%
24) Chloroform-d	4.64	84	660873	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.30	65	447066	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
32) Benzene-d6	5.33	84	1353588	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
36) 1,2-Dichloropropane-d6	6.32	67	473402	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.56	98	1133918	41.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.92%
43) trans-1,3-Dichloropropene-	7.85	79	187193	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
47) 2-Hexanone-d5	8.31	63	433781	91.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	666064	45.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	379362	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

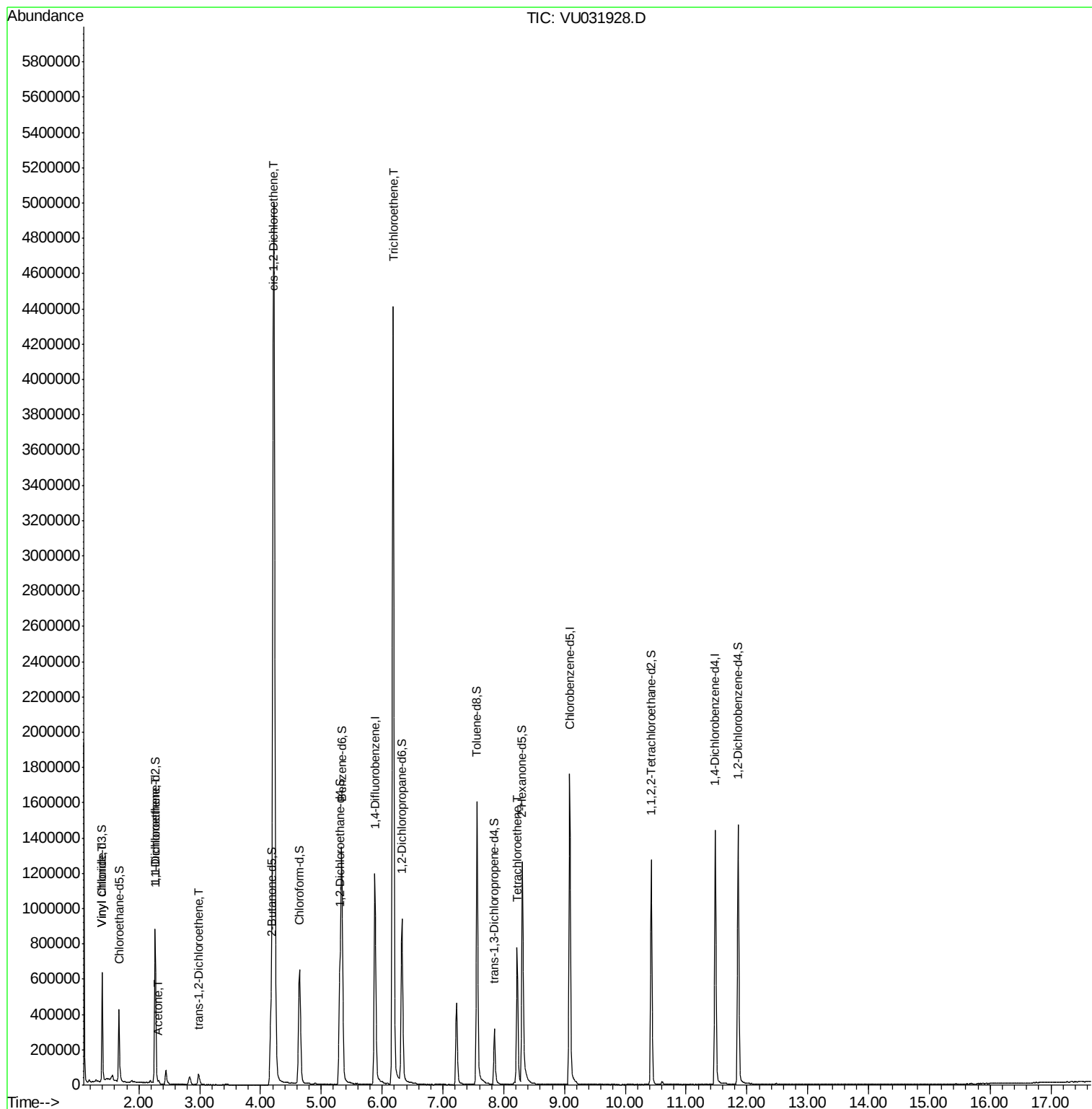
						Qvalue
5) Vinyl chloride	1.40	62	89064	7.001	ug/L	84
12) 1,1-Dichloroethene	2.28	96	29386	3.682	ug/L #	1
13) Acetone	2.32	43	14934	1.709	ug/L	92
17) trans-1,2-Dichloroethene	2.98	96	21109	2.539	ug/L	87
20) cis-1,2-Dichloroethene	4.22	96	2775661	311.195	ug/L	94
34) Trichloroethene	6.18	95	1617239	179.581	ug/L	98
46) Tetrachloroethene	8.22	164	179427	29.225	ug/L	96

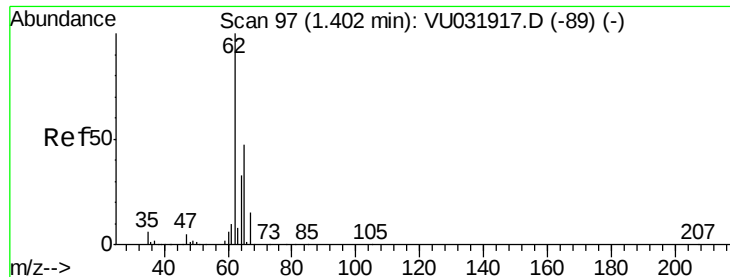
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.001 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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Acq: 11 May 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

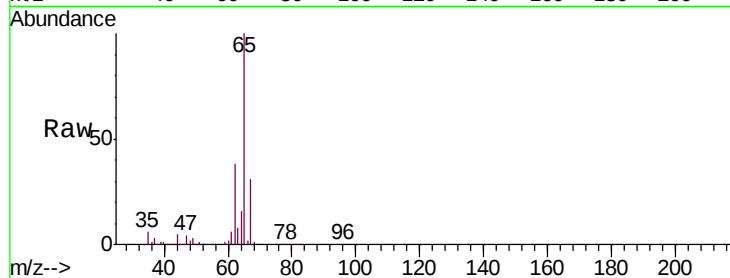
C0B53

Tgt Ion: 62 Resp: 89064

Ion Ratio Lower Upper

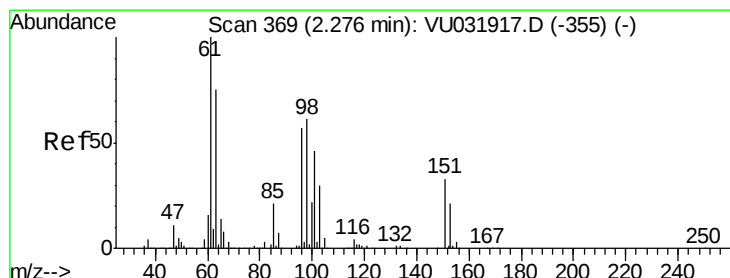
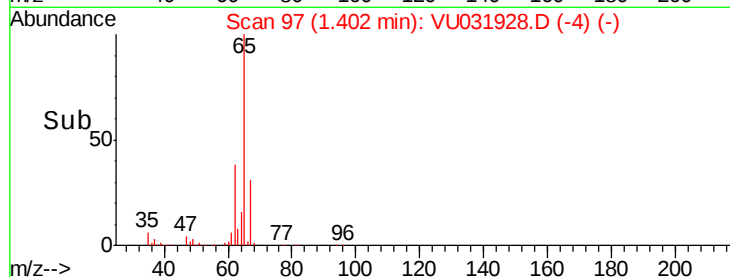
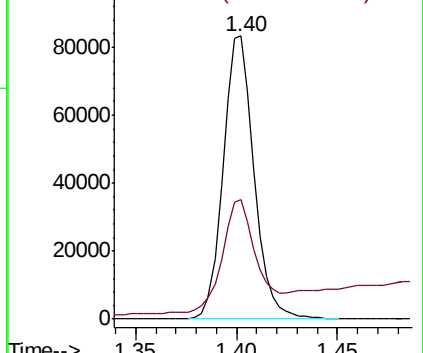
62 100

64 42.0 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VU031917.D (-89) (-)

Ion 64.00 (63.70 to 64.70): VU031917.D (-89) (-)



#12

1,1-Dichloroethene

Concen: 3.682 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031928.D

Acq: 11 May 2019 14:03

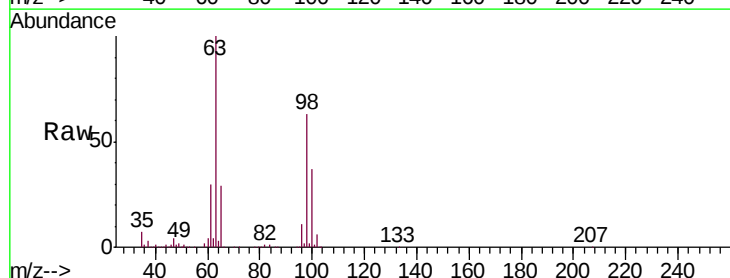
Tgt Ion: 96 Resp: 29386

Ion Ratio Lower Upper

96 100

61 261.9 135.0 250.6#

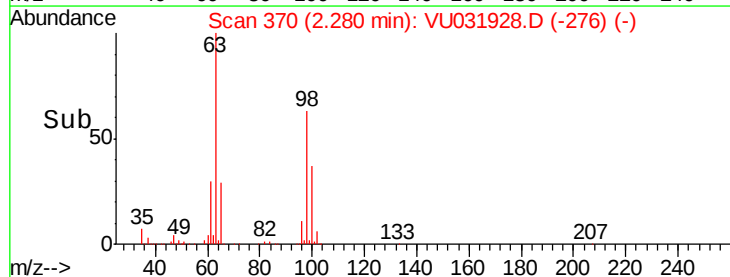
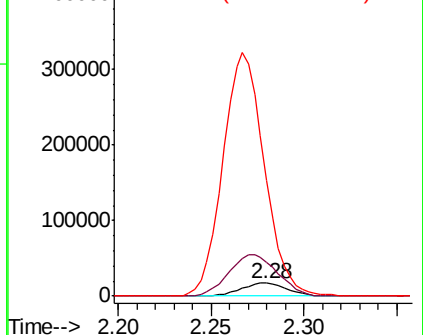
63 885.3 103.5 192.3#

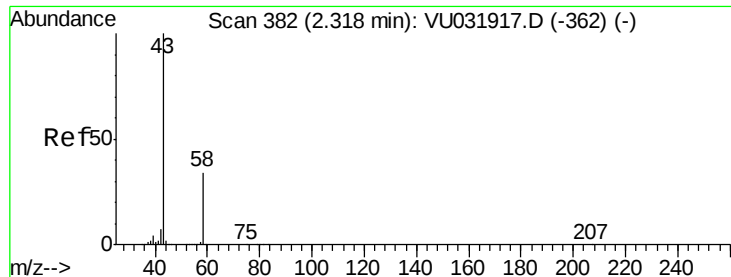


Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-355) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-355) (-)

Ion 63.00 (62.70 to 63.70): VU031917.D (-355) (-)





#13

Acetone

Concen: 1.709 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031928.D

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Instrument :

MSVOA_U

ClientSampleId :

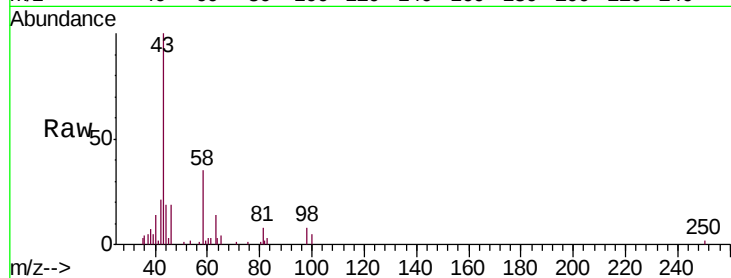
C0B53

Tgt Ion: 43 Resp: 14934

Ion Ratio Lower Upper

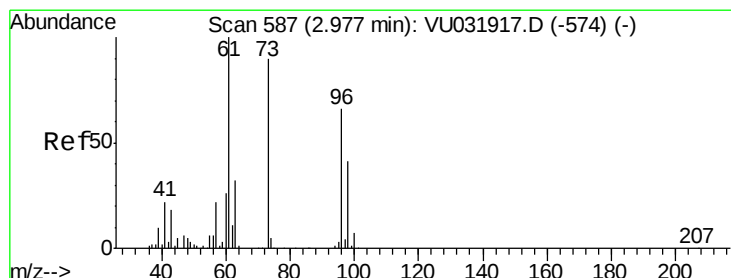
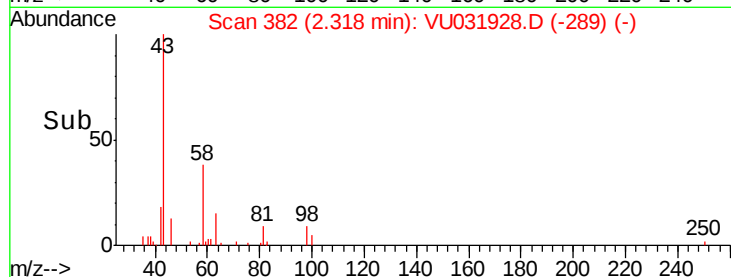
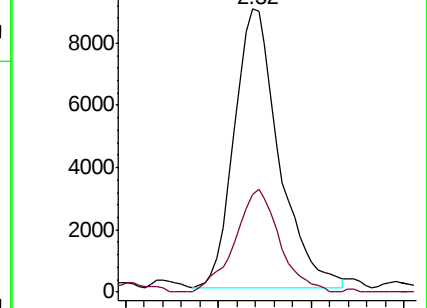
43 100

58 36.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031917.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031917.D (-362) (-)



#17

trans-1,2-Dichloroethene

Concen: 2.539 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU031928.D

Acq: 11 May 2019 14:03

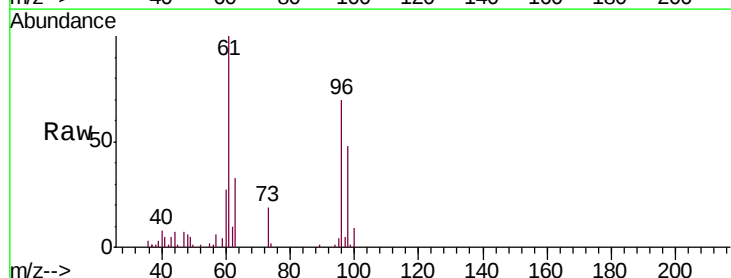
Tgt Ion: 96 Resp: 21109

Ion Ratio Lower Upper

96 100

61 142.6 114.5 212.7

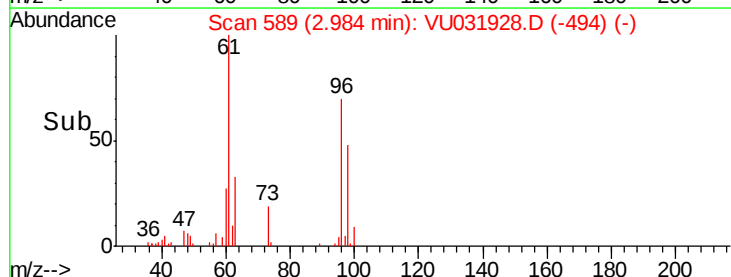
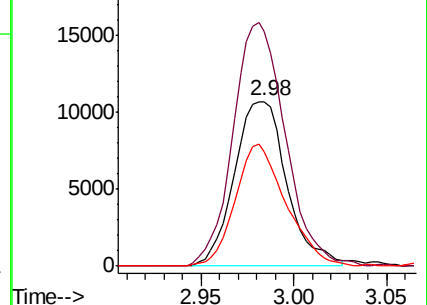
98 69.1 45.4 84.2

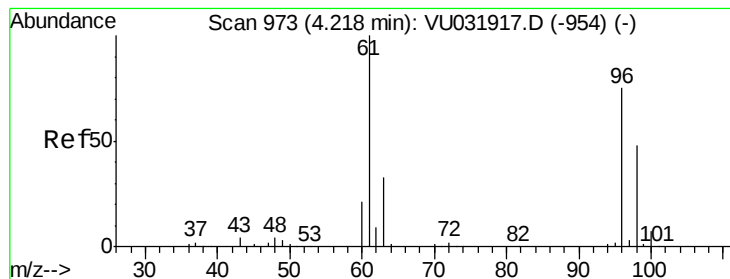


Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU031917.D (-574) (-)



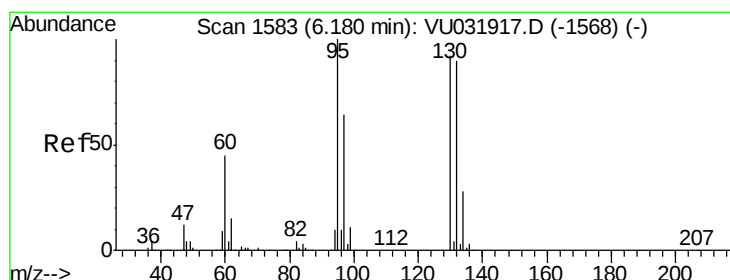
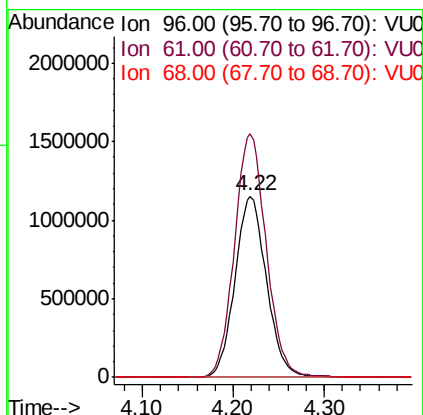
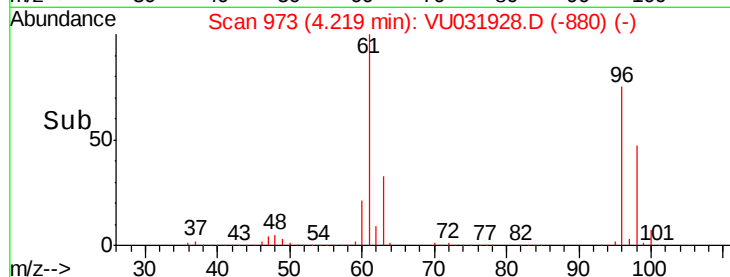
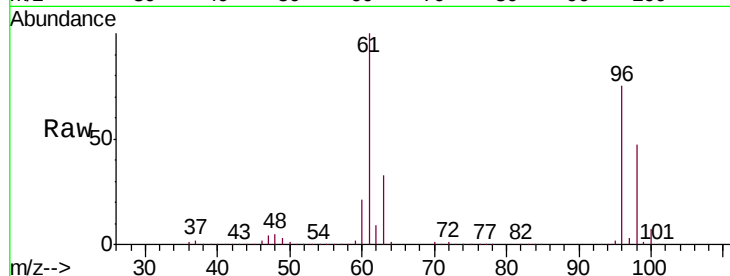


#20

cis-1,2-Dichloroethene
Concen: 311.195 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
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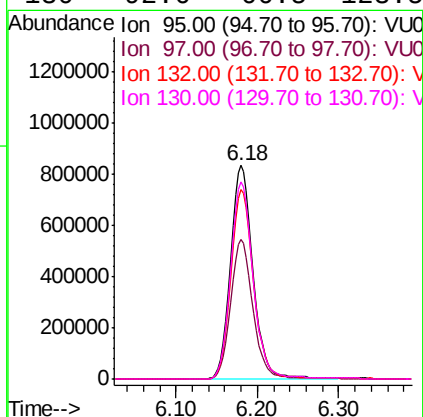
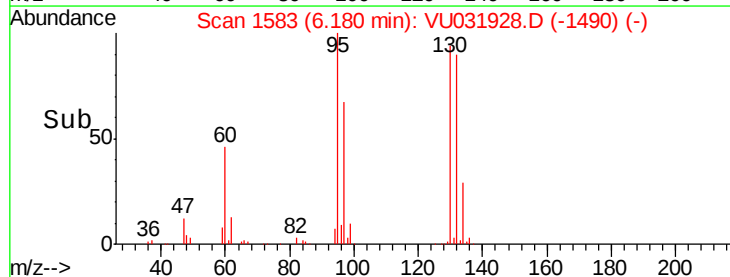
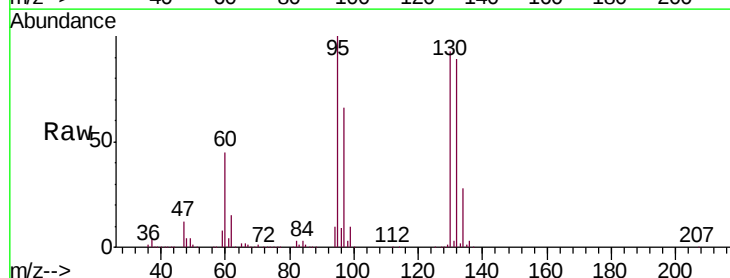
Tgt Ion: 96 Resp: 2775661
Ion Ratio Lower Upper
96 100
61 134.1 99.5 184.7
68 0.0 0.0 0.0

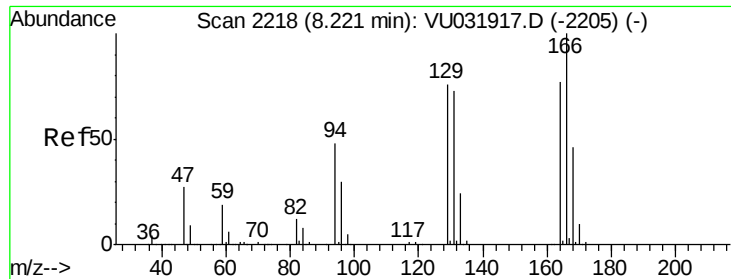


#34

Trichloroethene
Concen: 179.581 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031928.D
Acq: 11 May 2019 14:03

Tgt Ion: 95 Resp: 1617239
Ion Ratio Lower Upper
95 100
97 65.6 44.8 83.2
132 88.5 63.1 117.1
130 92.6 66.5 123.5





#46

Tetrachloroethene

Concen: 29.225 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031928.D

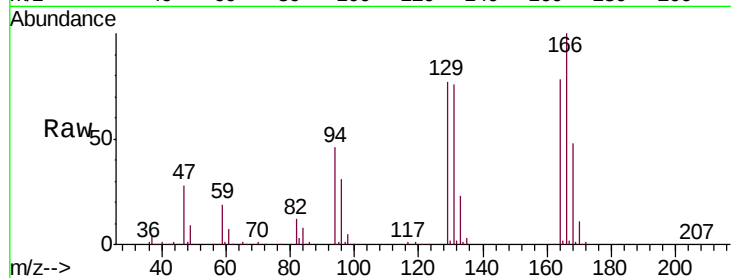
Acq: 11 May 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

C0B53



Tgt Ion:164 Resp: 179427

Ion Ratio Lower Upper

164 100

129 98.0 71.5 132.9

131 97.4 69.0 128.2

166 127.7 93.7 173.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

