

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021819\
 Data File : VU029542.D
 Acq On : 18 Feb 2019 20:06
 Operator : JC/SP
 Sample : K1489-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXG3

Manual Integrations
 APPROVED

sam
 2/20/2019 12:21:25 PM

Quant Time: Feb 25 08:22:51 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	212033	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	204150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	236643	16.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	332.20%#
7) Chloroethane-d5	1.68	69	54260	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.28	63	155514	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.23	46	225913	76.27	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.54%#
24) Chloroform-d	4.65	84	111453	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	61320	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.34	84	235411	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	72636	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.56	98	224758	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	28138	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.31	63	165493	55.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64329	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	98535	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	12791168m	626.403	ug/L	
12) 1,1-Dichloroethene	2.29	96	119562	6.852	ug/L	86
13) Acetone	2.32	43	5890	2.189	ug/L	92
17) Methyl tert-butyl Ether	3.00	73	13174	0.302	ug/L #	81
18) trans-1,2-Dichloroethene	2.98	96	1049601	56.412	ug/L	99
22) cis-1,2-Dichloroethene	4.21	96	35029726m	2046.647	ug/L	
34) Trichloroethene	6.18	95	52731	3.121	ug/L	98
47) Tetrachloroethene	8.22	164	53387	3.450	ug/L	95

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

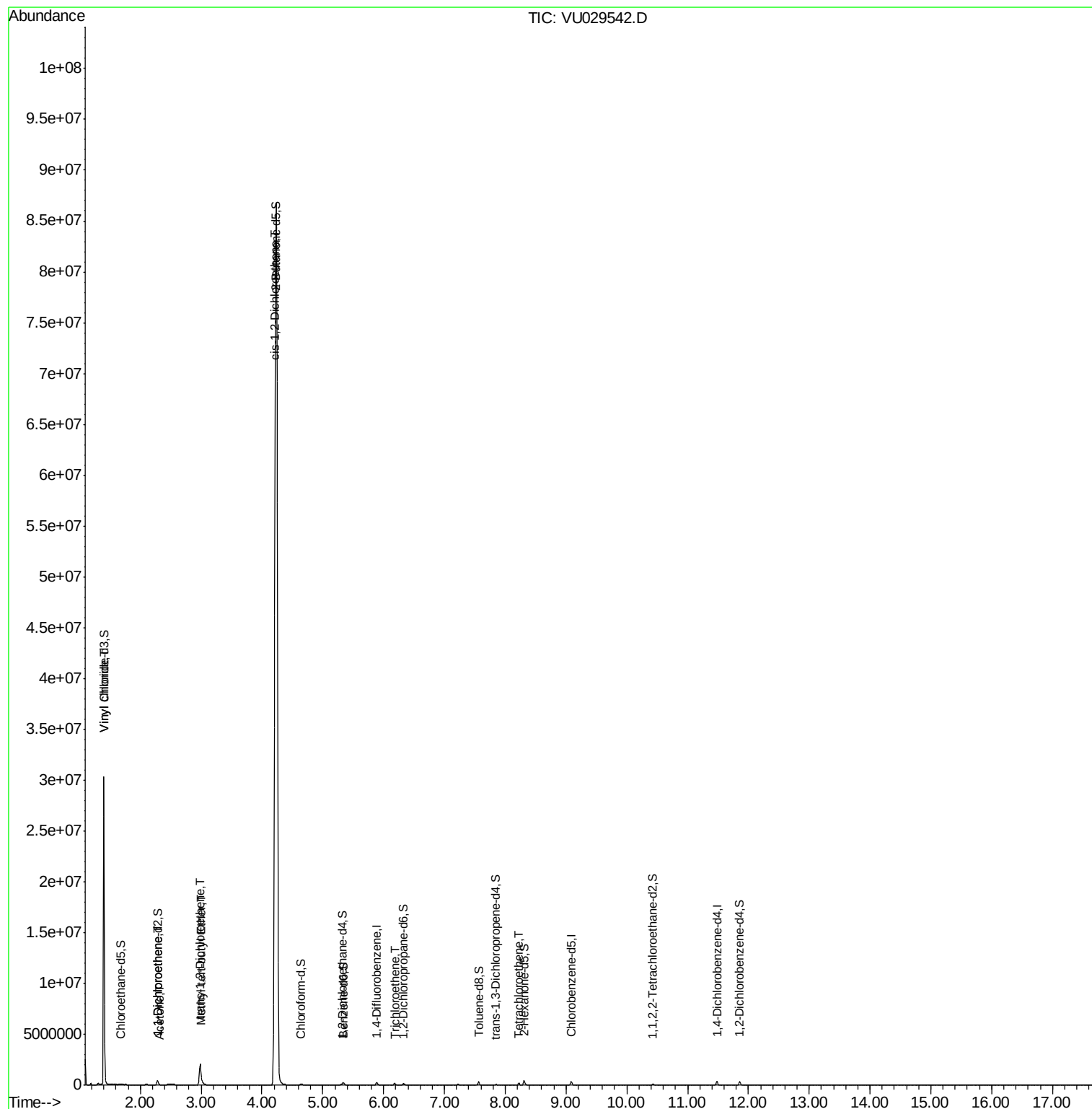
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021819\
Data File : VU029542.D
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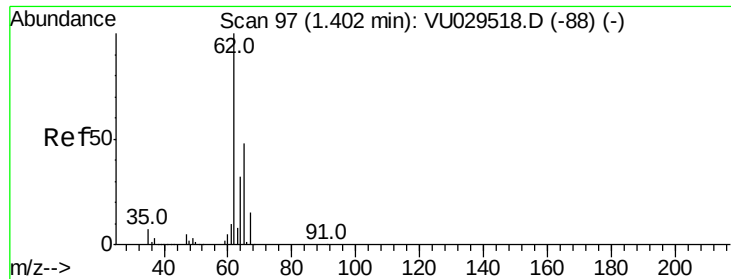
Instrument :
MSVOA_U
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Quant Time: Feb 25 08:22:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 626.403 ug/L m

RT: 1.39 min Scan# 94

Delta R.T. -0.01 min

Lab File: VU029542.D

Acq: 18 Feb 2019 20:06

Instrument :

MSVOA_U

ClientSampleId :

ESXG3

Tot Ion: 62 Resp: 12791168

Ion Ratio Lower Upper

62 100

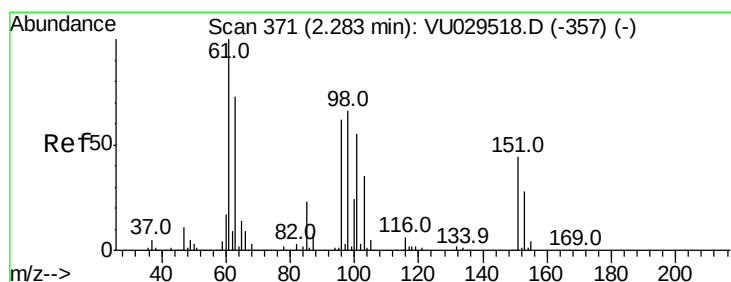
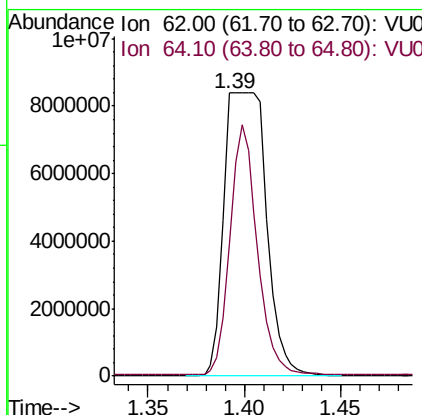
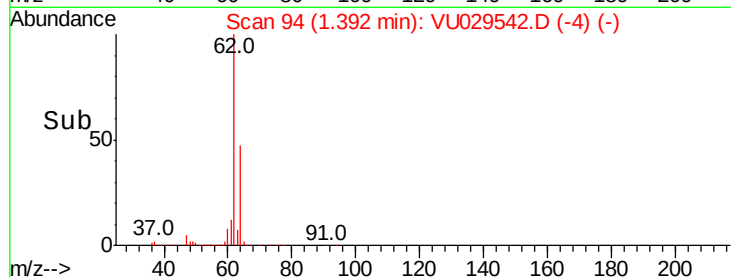
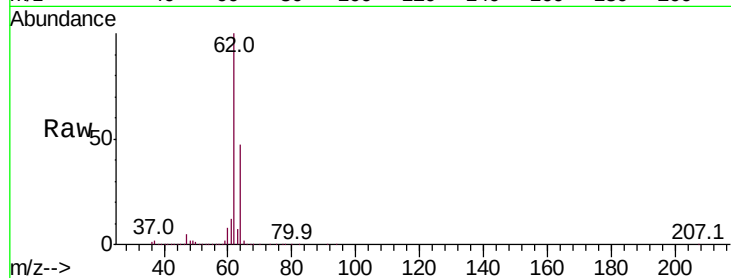
64 46.9 23.5 43.7#

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#12

1,1-Dichloroethene

Concen: 6.852 ug/L

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029542.D

Acq: 18 Feb 2019 20:06

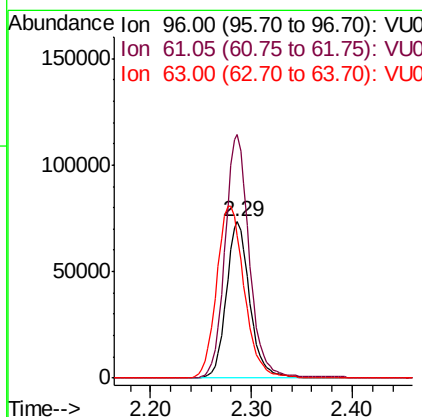
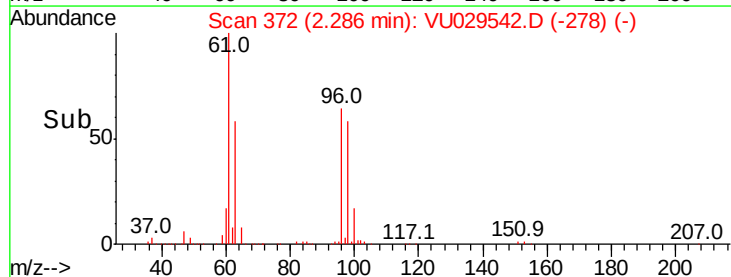
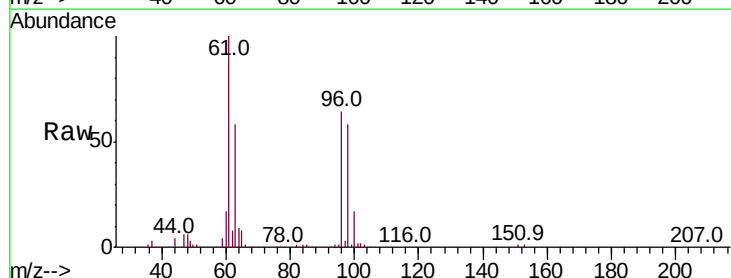
Tgt Ion: 96 Resp: 119562

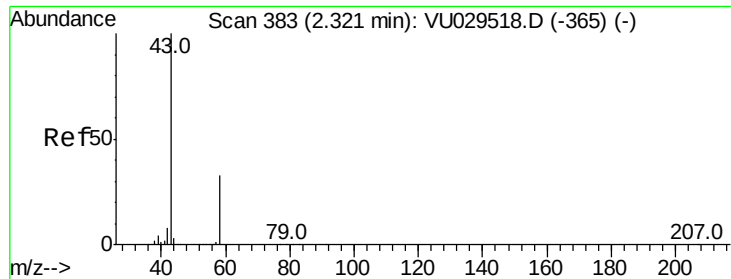
Ion Ratio Lower Upper

96 100

61 156.1 115.1 213.7

63 91.2 83.5 155.1





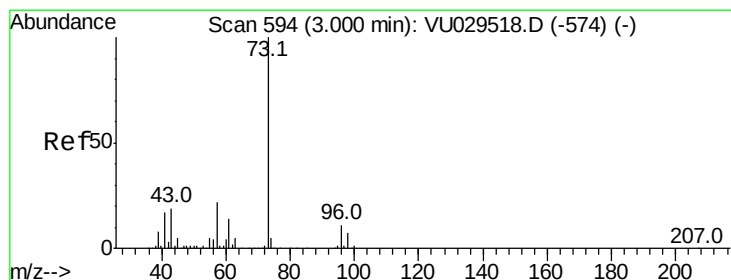
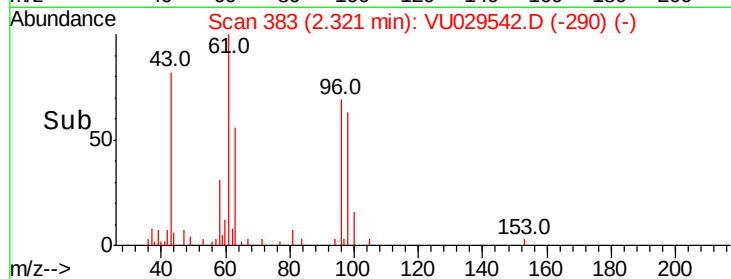
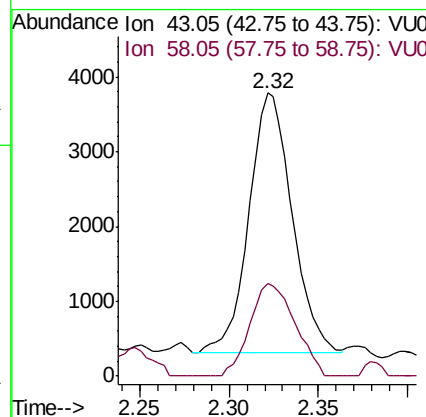
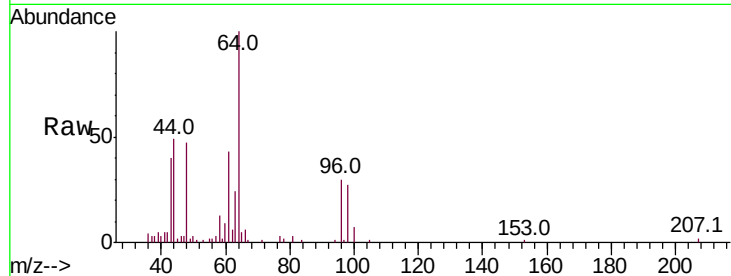
#13
Acetone
Concen: 2.189 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029542.D
Acq: 18 Feb 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
ESXG3

Tot Ion: 43 Resp: 5890
Ion Ratio Lower Upper
43 100
58 37.2 0.0 65.0

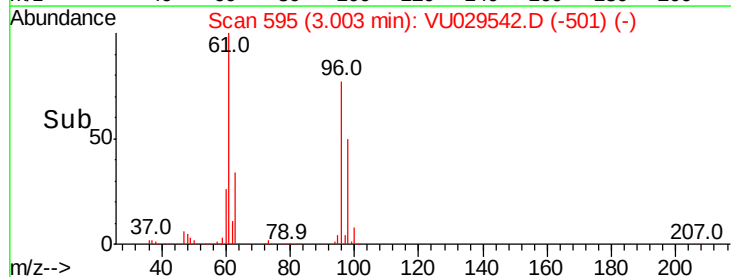
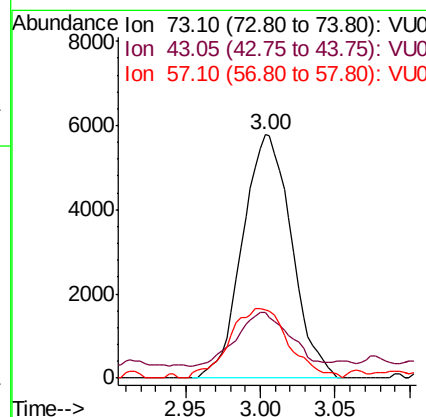
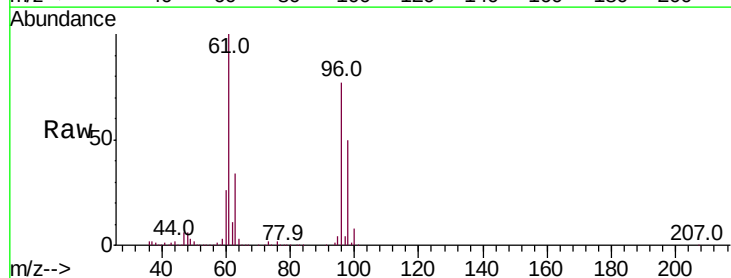
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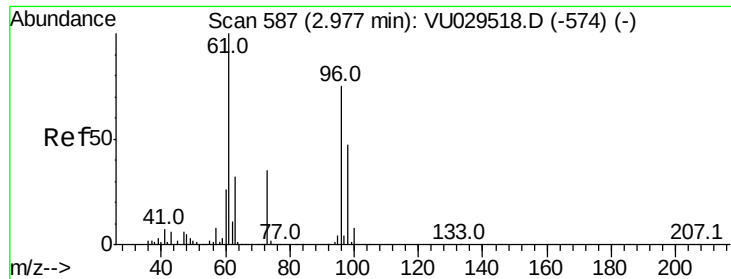
sam
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#17
Methyl tert-butyl Ether
Concen: 0.302 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU029542.D
Acq: 18 Feb 2019 20:06

Tgt Ion: 73 Resp: 13174
Ion Ratio Lower Upper
73 100
43 23.5 16.0 24.0
57 34.8 16.9 25.3#





#18

trans-1,2-Dichloroethene

Concen: 56.412 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU029542.D

Acq: 18 Feb 2019 20:06

Instrument :

MSVOA_U

ClientSampleId :

ESXG3

Tot Ion: 96 Resp: 1049601

Ion Ratio Lower Upper

96 100

61 134.5 95.4 177.2

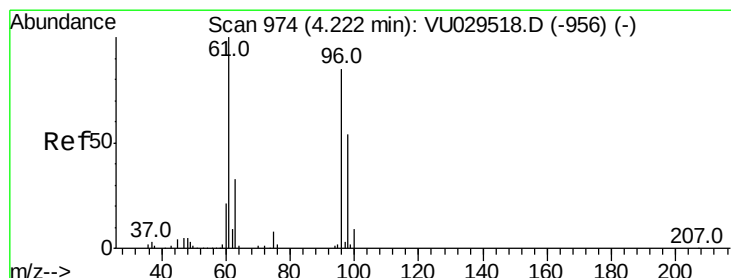
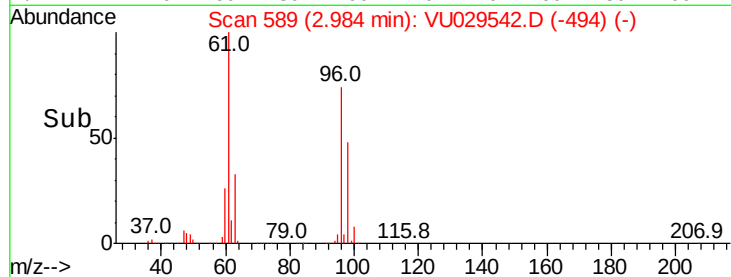
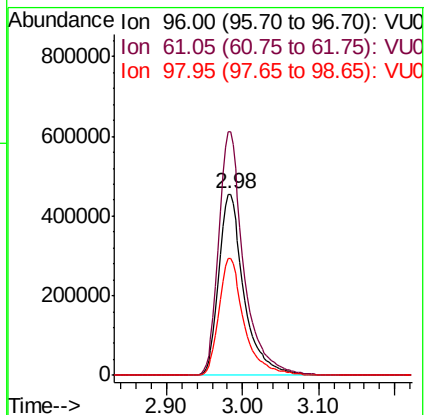
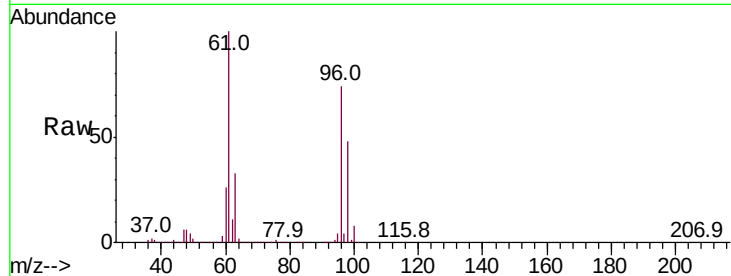
98 64.8 45.8 85.2

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#22

cis-1,2-Dichloroethene

Concen: 2046.647 ug/L m

RT: 4.21 min Scan# 969

Delta R.T. -0.02 min

Lab File: VU029542.D

Acq: 18 Feb 2019 20:06

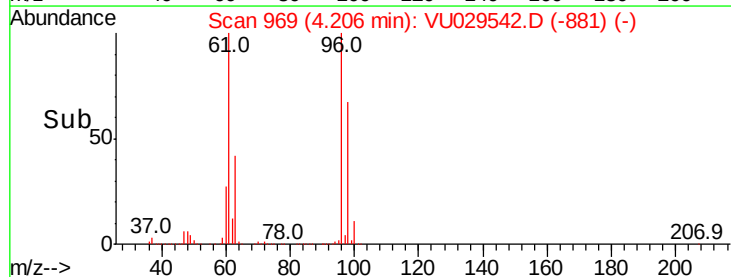
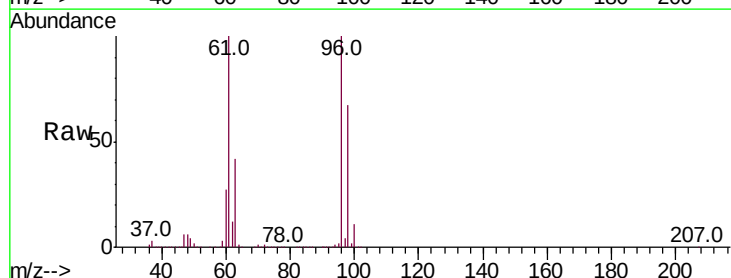
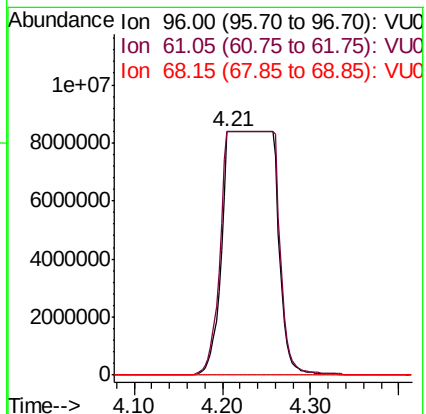
Tgt Ion: 96 Resp: 35029726

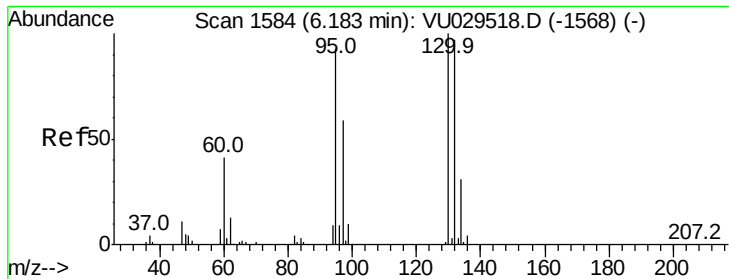
Ion Ratio Lower Upper

96 100

61 100.0 79.9 148.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3.121 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029542.D

Acq: 18 Feb 2019 20:06

Instrument :

MSVOA_U

ClientSampleId :

ESXG3

Tot Ion: 95 Resp: 52731

Ion Ratio Lower Upper

95 100

97 67.0 46.3 86.1

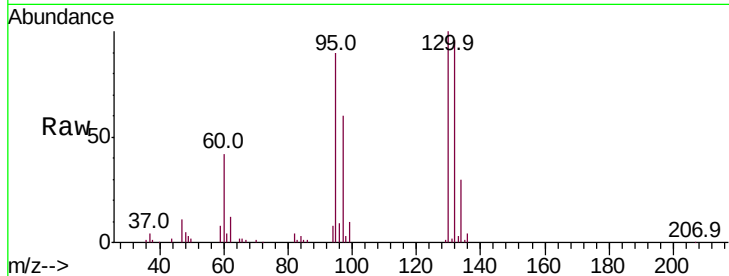
132 106.9 72.9 135.3

130 111.6 79.2 147.0

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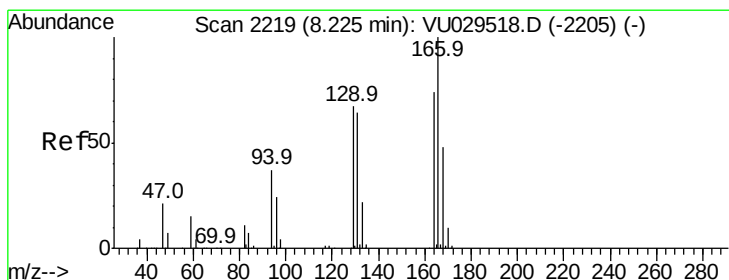
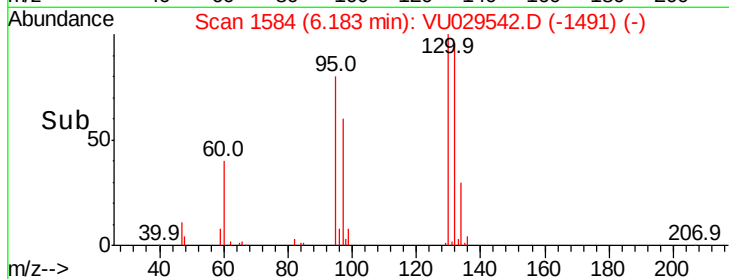
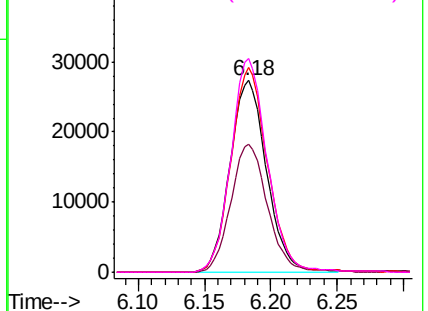


Abundance Ion 95.00 (94.70 to 95.70): VU029518.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU029518.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU029518.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU029518.D (-1568) (-)



#47

Tetrachloroethene

Concen: 3.450 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029542.D

Acq: 18 Feb 2019 20:06

Tgt Ion:164 Resp: 53387

Ion Ratio Lower Upper

164 100

129 86.3 62.9 116.9

131 82.2 62.1 115.3

166 122.4 89.8 166.8

Abundance Ion 163.90 (163.60 to 164.60): VU029518.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU029518.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU029518.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU029518.D (-2205) (-)

