

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031109.D
 Acq On : 12 Apr 2019 07:06
 Operator : JC/SP
 Sample : K2353-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ65

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:47:11 PM

Quant Time: Apr 12 08:48:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	548419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162356	33.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.32%
7) Chloroethane-d5	1.68	69	140041	37.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.38%
11) 1,1-Dichloroethene-d2	2.27	63	281704	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.19	46	369760	95.30	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.30%
24) Chloroform-d	4.64	84	318035	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
26) 1,2-Dichloroethane-d4	5.31	65	222009	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
32) Benzene-d6	5.33	84	634551	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.32	67	225658	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.48%
41) Toluene-d8	7.56	98	541107	39.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.32%#
43) trans-1,3-Dichloropropene-	7.85	79	94496	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
47) 2-Hexanone-d5	8.31	63	193135	79.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324791	45.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	211416	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	66242	10.982	ug/L 96
12) 1,1-Dichloroethene	2.28	96	73952	19.507	ug/L # 77
13) Acetone	2.32	43	9883	2.489	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	168436	41.846	ug/L 96
20) cis-1,2-Dichloroethene	4.21	96	26443294m	5949.730	ug/L
34) Trichloroethene	6.18	95	123622	28.846	ug/L 97

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

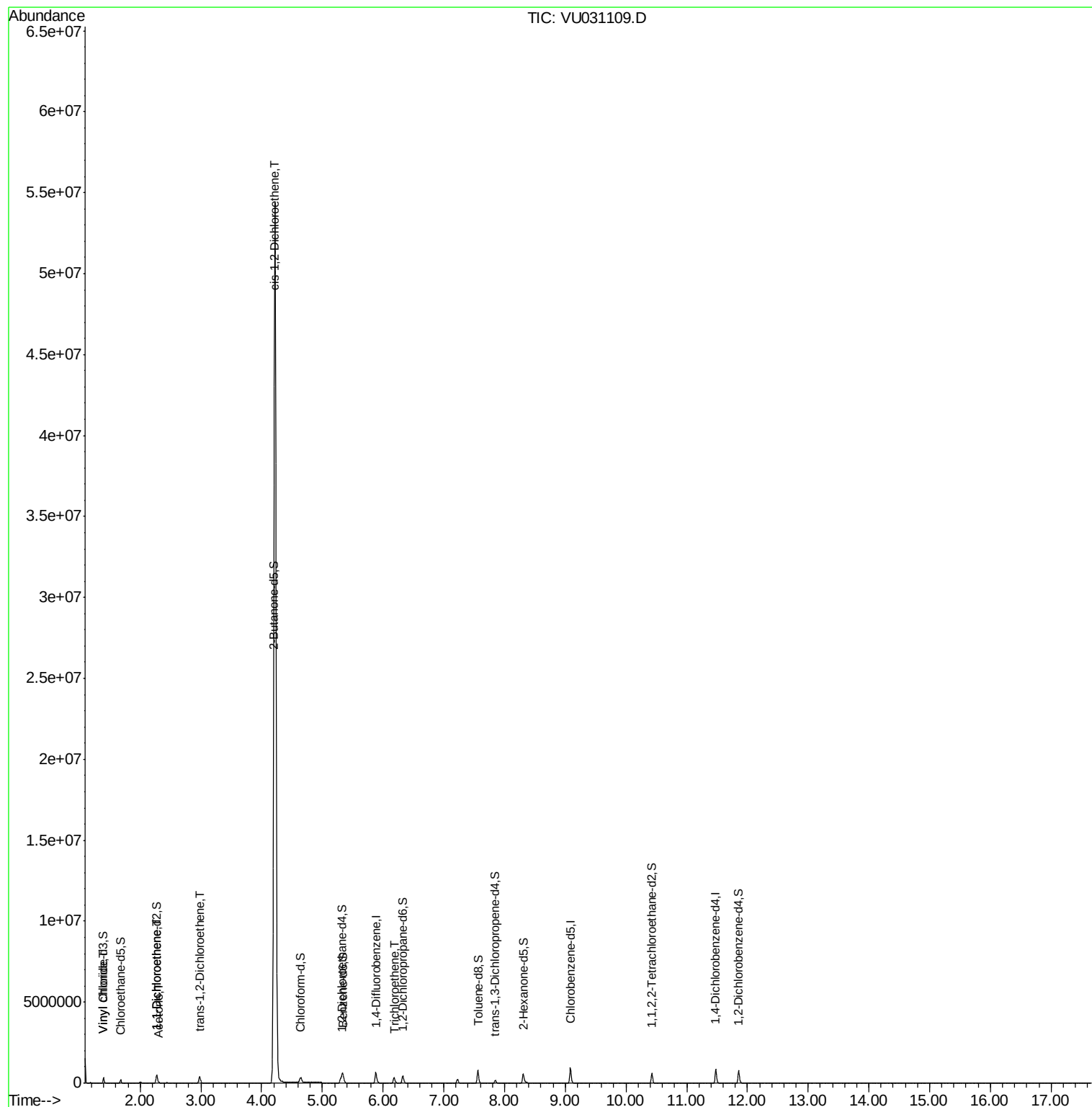
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031109.D
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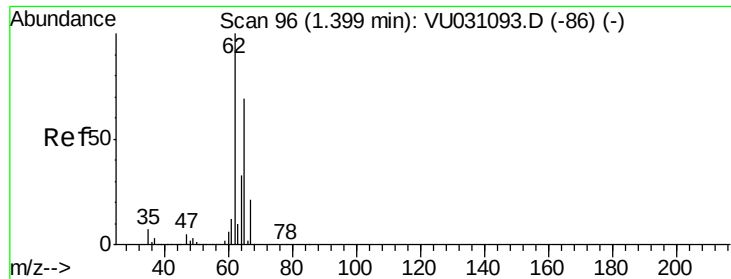
Instrument :
MSVOA_U
ClientSampleId :
ETJ65

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Quant Time: Apr 12 08:48:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.982 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031109.D

Acq: 12 Apr 2019 07:06

Instrument :

MSVOA_U

ClientSampled :

ETJ65

Tot Ion: 62 Resp: 66242

Ion Ratio Lower Upper

62 100

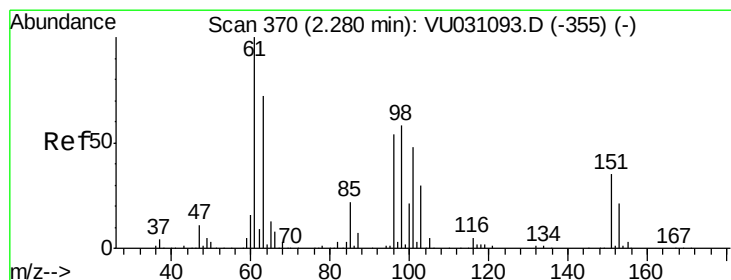
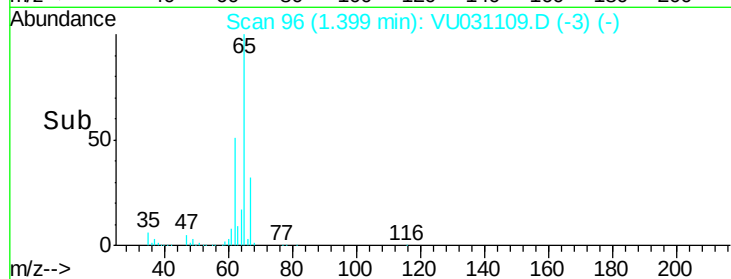
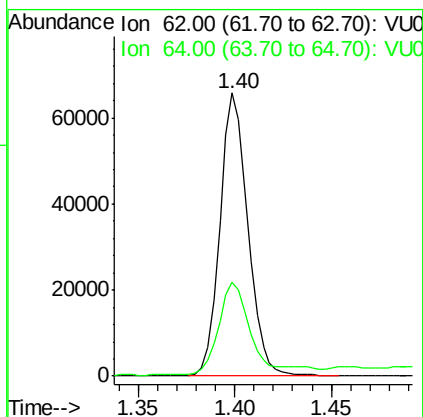
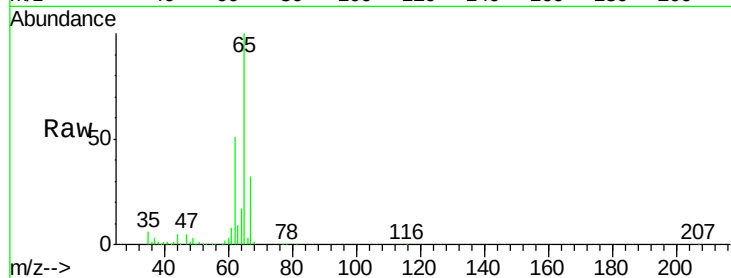
64 33.2 21.5 39.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 19.507 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031109.D

Acq: 12 Apr 2019 07:06

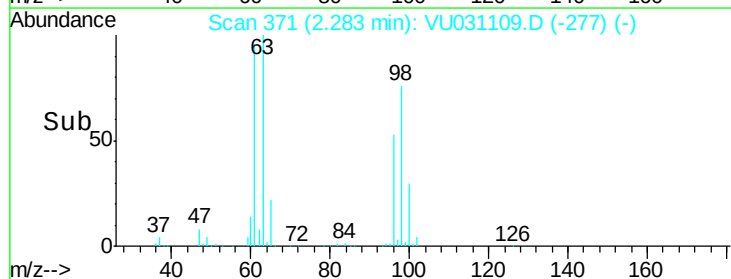
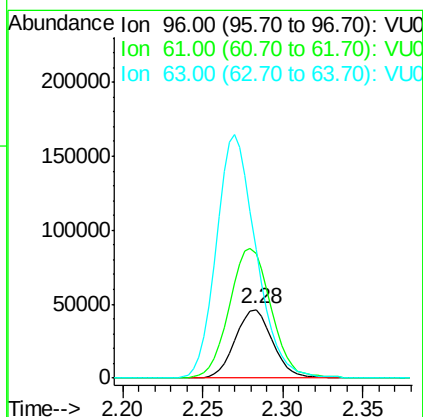
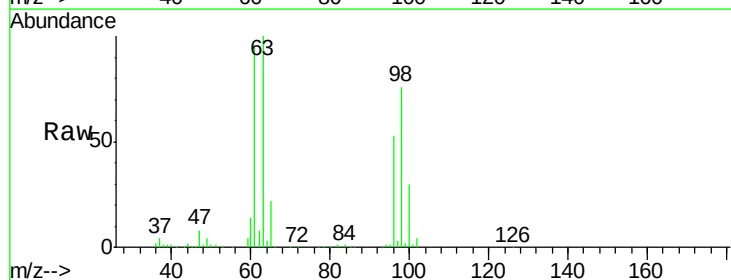
Tgt Ion: 96 Resp: 73952

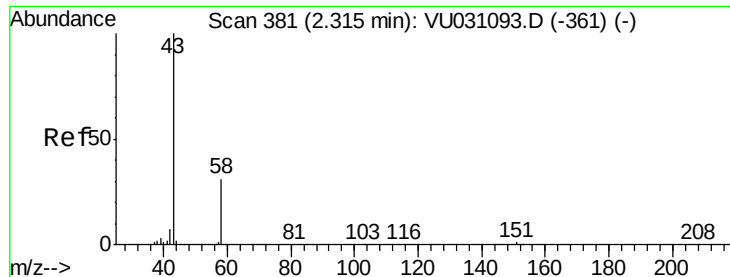
Ion Ratio Lower Upper

96 100

61 182.3 132.0 245.2

63 189.0 90.9 168.9#





#13

Acetone

Concen: 2.489 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031109.D

Acq: 12 Apr 2019 07:06

Instrument :

MSVOA_U

ClientSampleId :

ETJ65

Tot Ion: 43 Resp: 9883

Ion Ratio Lower Upper

43 100

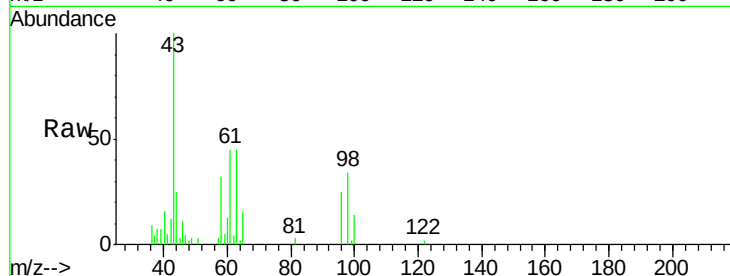
58 31.9 0.0 64.0

Manual Integrations

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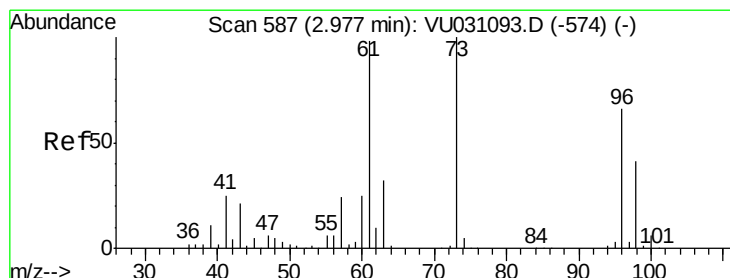
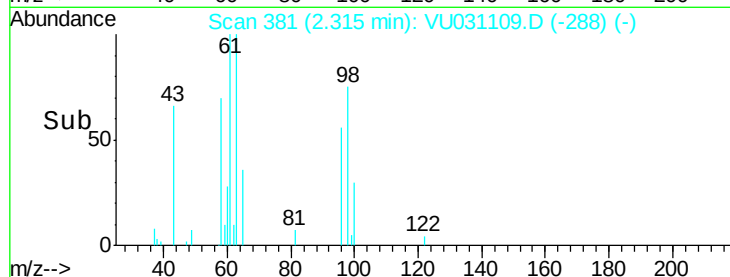
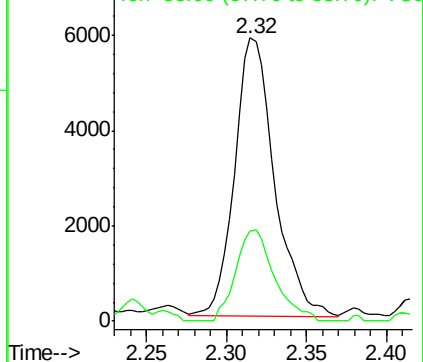
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 41.846 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU031109.D

Acq: 12 Apr 2019 07:06

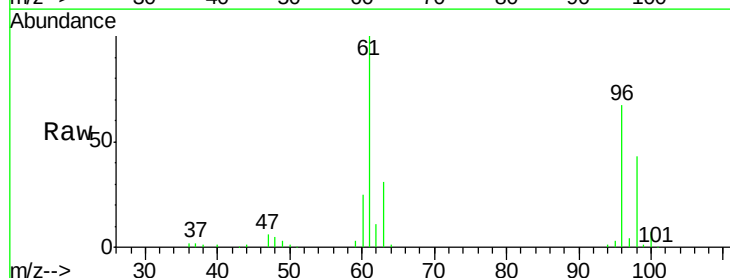
Tgt Ion: 96 Resp: 168436

Ion Ratio Lower Upper

96 100

61 150.3 109.5 203.3

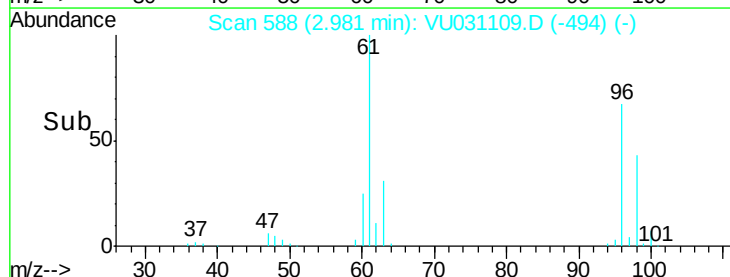
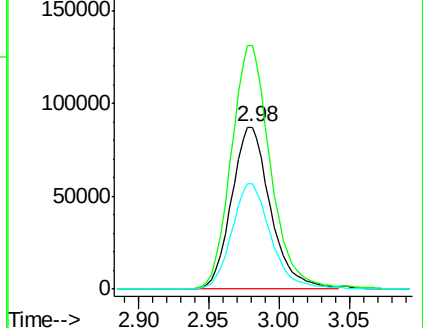
98 64.9 44.0 81.6

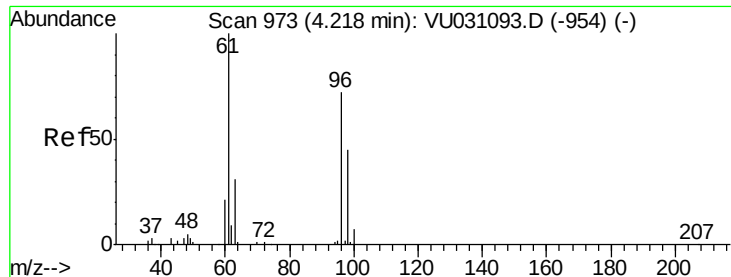


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

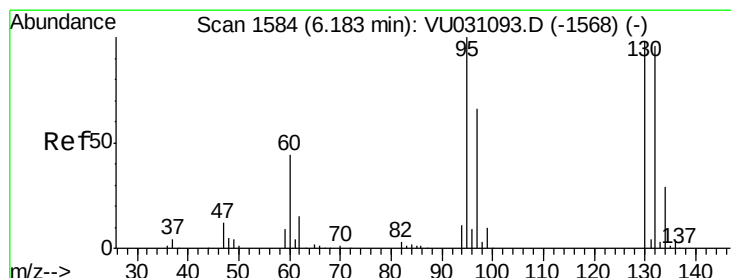
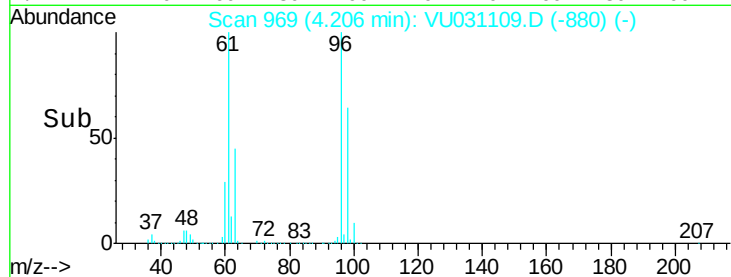
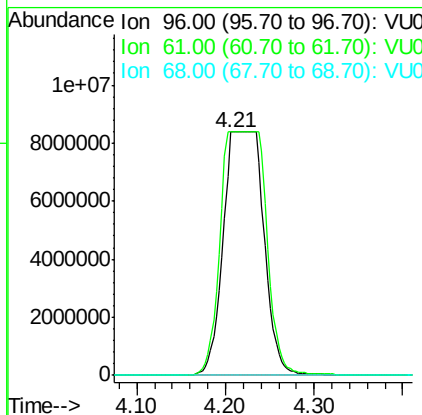
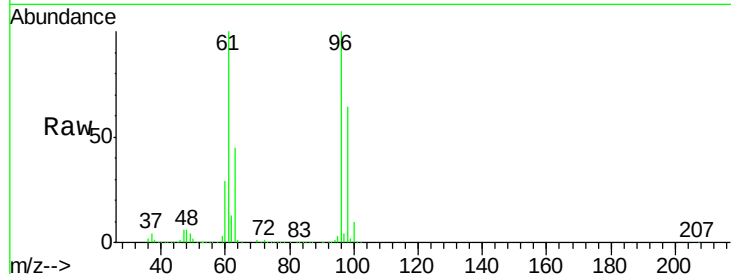
cis-1,2-Dichloroethene
 Concen: 5949.730 ug/L m
 RT: 4.21 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: VU031109.D
 Acq: 12 Apr 2019 07:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ65

Tot Ion: 96 Resp: 26443294
 Ion Ratio Lower Upper
 96 100
 61 100.0 102.9 191.1#
 68 0.0 0.0 0.0

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#34

Trichloroethene
 Concen: 28.846 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031109.D
 Acq: 12 Apr 2019 07:06

Tgt Ion: 95 Resp: 123622
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.5 82.7
 132 92.8 61.5 114.1
 130 91.5 64.9 120.5

