

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031911.D
 Acq On : 11 May 2019 00:16
 Operator : JC/SP
 Sample : K2705-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:37 AM

Quant Time: May 11 04:37:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1059965	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1079750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	416740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	365898	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.50%
7) Chloroethane-d5	1.67	69	322788	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.18%
11) 1,1-Dichloroethene-d2	2.26	63	546597	30.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.88%
21) 2-Butanone-d5	4.17	46	695951	86.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.59%
24) Chloroform-d	4.64	84	704954	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
26) 1,2-Dichloroethane-d4	5.30	65	464966	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
32) Benzene-d6	5.33	84	1446694	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.32	67	504811	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.56	98	1252251	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	203912	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.44%
47) 2-Hexanone-d5	8.31	63	506401	100.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	701386	44.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	417134	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	236998	17.975	ug/L	95
12) 1,1-Dichloroethene	2.28	96	44823	5.420	ug/L	# 1
13) Acetone	2.32	43	9774	1.080	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	133210	15.459	ug/L	91
19) 1,1-Dichloroethane	3.44	63	28144	1.551	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	5422539	586.630	ug/L	94
30) 1,1,1-Trichloroethane	4.91	97	22760	1.504	ug/L	95
34) Trichloroethene	6.17	95	20834124m	2165.047	ug/L	
46) Tetrachloroethene	8.23	164	13121817	2000.186	ug/L	92

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

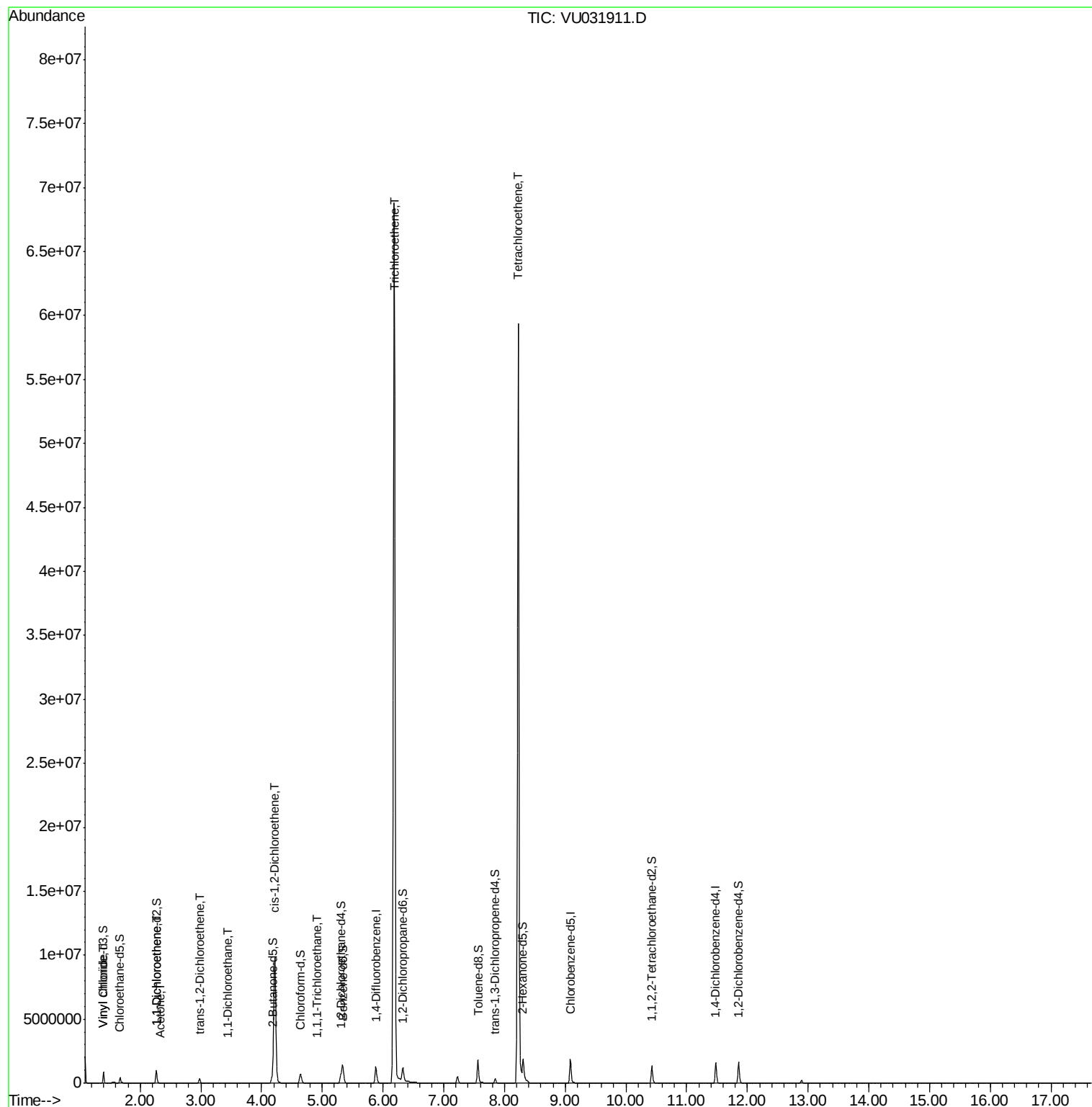
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031911.D
Acq On : 11 May 2019 00:16
Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

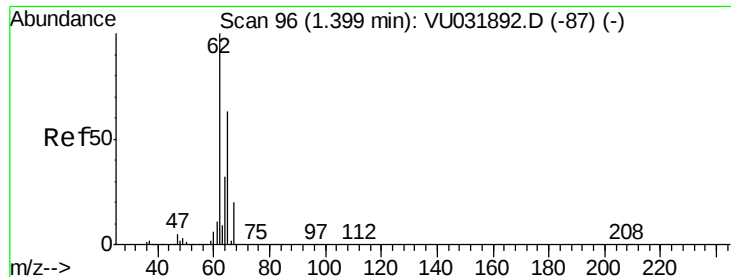
Instrument :
MSVOA_U
ClientSampleId :
C0B52

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Quant Time: May 11 04:37:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 17.975 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031911.D

Acq: 11 May 2019 00:16

Instrument :

MSVOA_U

ClientSampled :

C0B52

Tot Ion: 62 Resp: 236998

Ion Ratio Lower Upper

62 100

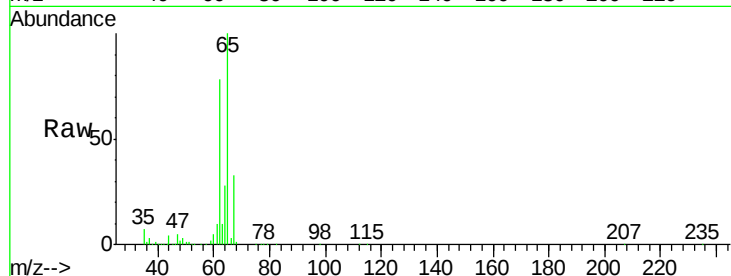
64 35.8 23.1 42.9

Manual Integrations

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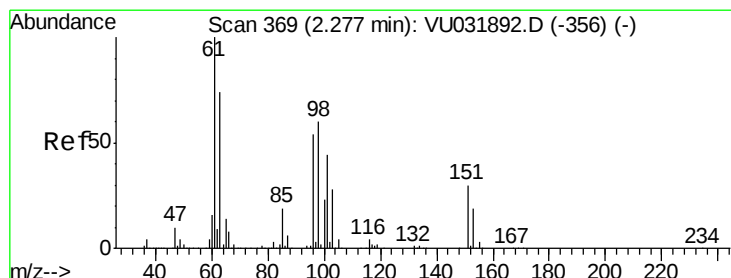
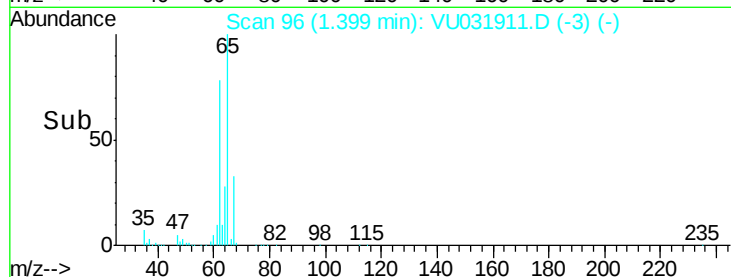
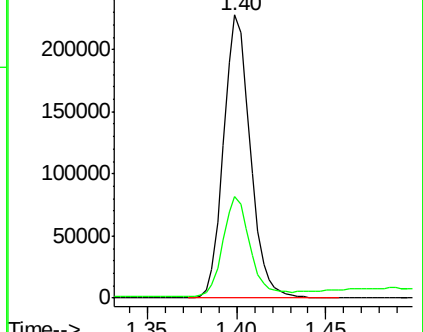
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Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 5.420 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031911.D

Acq: 11 May 2019 00:16

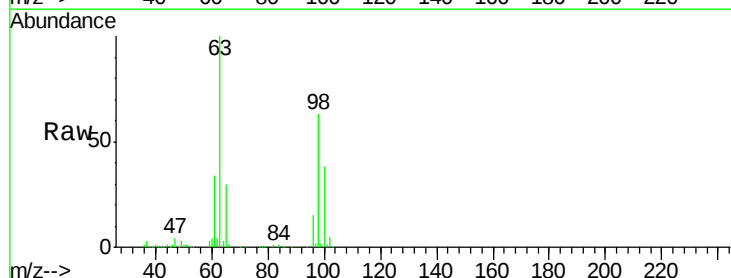
Tgt Ion: 96 Resp: 44823

Ion Ratio Lower Upper

96 100

61 230.3 135.0 250.6

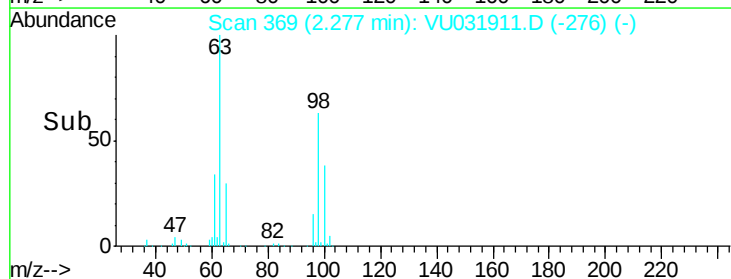
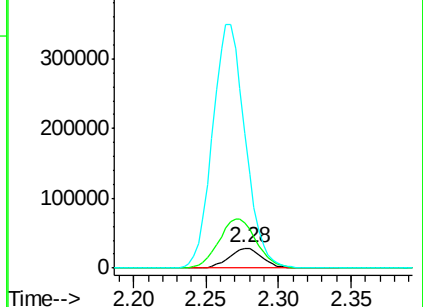
63 684.9 103.5 192.3#

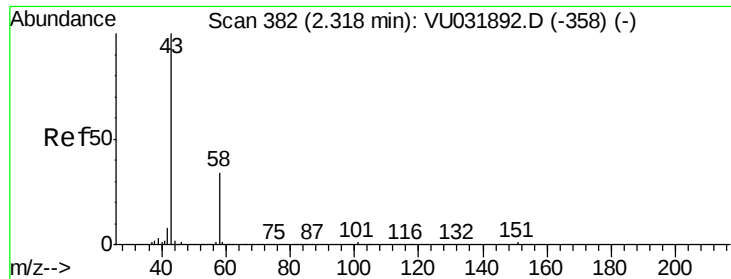


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.080 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031911.D

Acq: 11 May 2019 00:16

Instrument :

MSVOA_U

ClientSampled :

C0B52

Tot Ion: 43 Resp: 9774

Ion Ratio Lower Upper

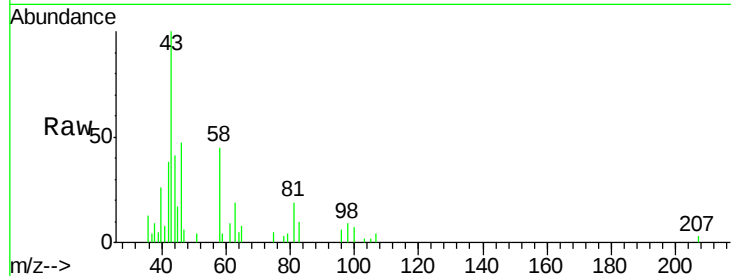
43 100

58 33.0 0.0 64.4

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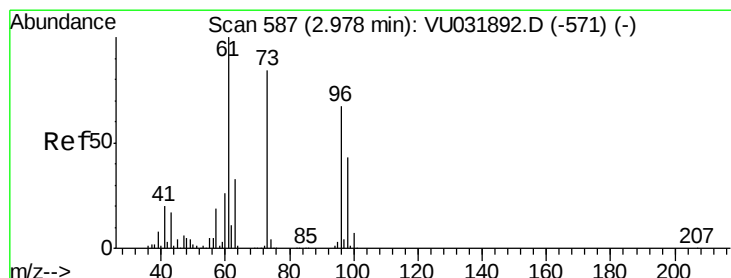
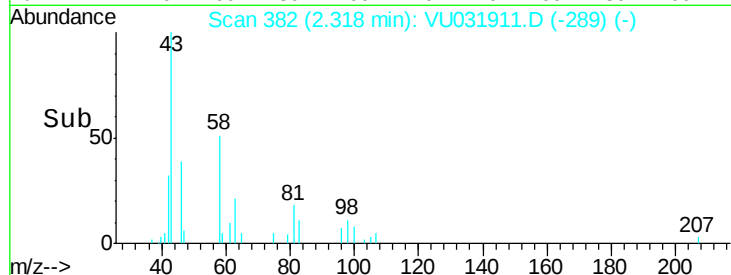
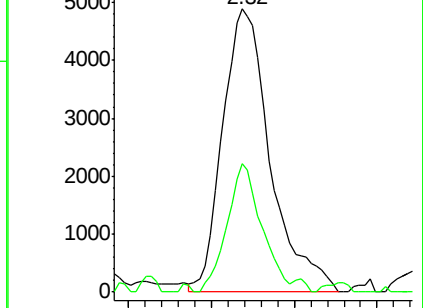
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Abundance Ion 43.00 (42.70 to 43.70): VU031892.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU031892.D (-358) (-)



#17

trans-1,2-Dichloroethene

Concen: 15.459 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031911.D

Acq: 11 May 2019 00:16

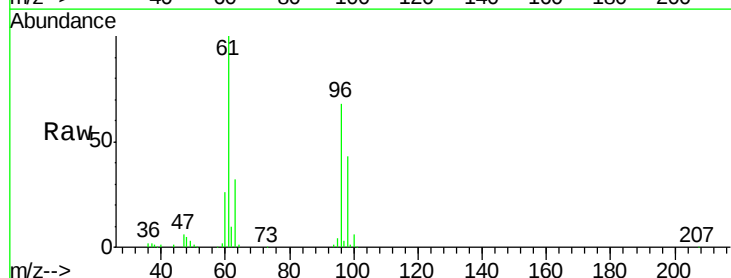
Tgt Ion: 96 Resp: 133210

Ion Ratio Lower Upper

96 100

61 147.0 114.5 212.7

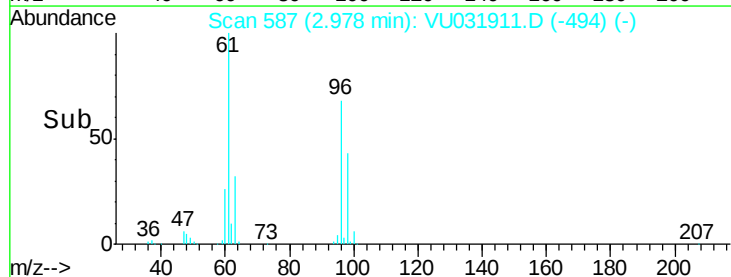
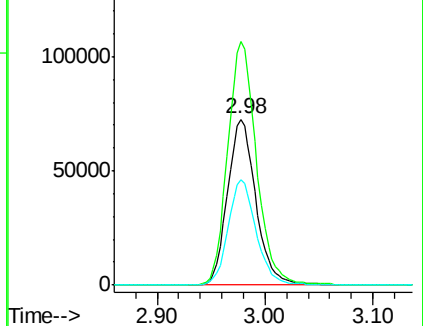
98 63.4 45.4 84.2

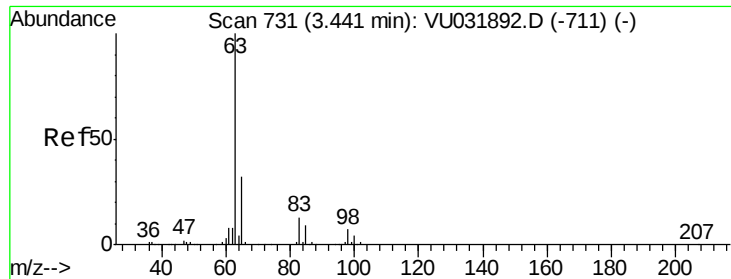


Abundance Ion 96.00 (95.70 to 96.70): VU031892.D (-571) (-)

Ion 61.00 (60.70 to 61.70): VU031892.D (-571) (-)

Ion 98.00 (97.70 to 98.70): VU031892.D (-571) (-)





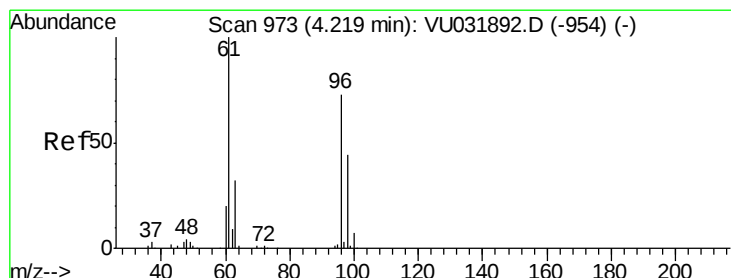
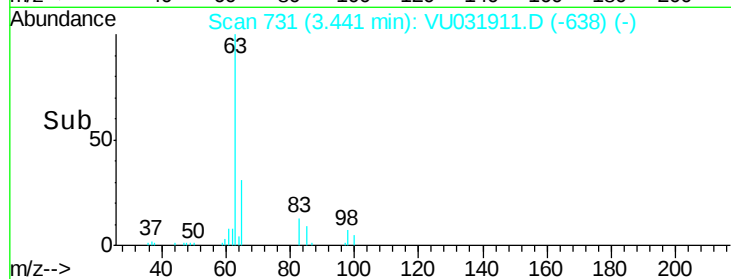
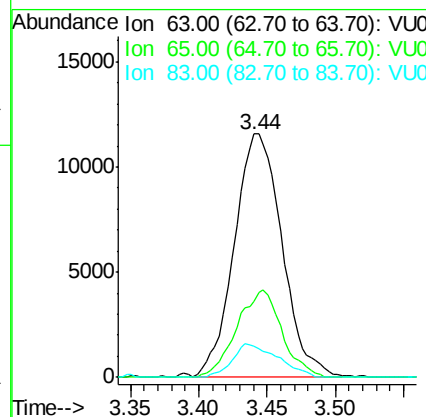
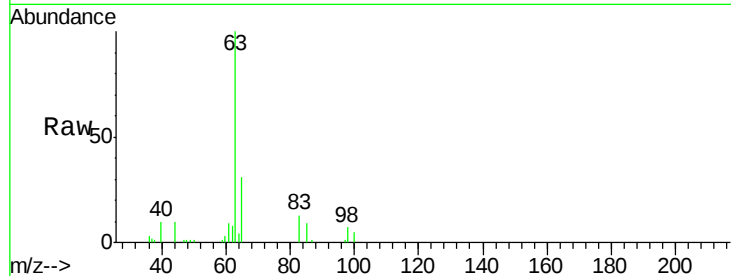
#19
 1,1-Dichloroethane
 Concen: 1.551 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031911.D
 Acq: 11 May 2019 00:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.0	40.8
83	12.7	8.8	16.4

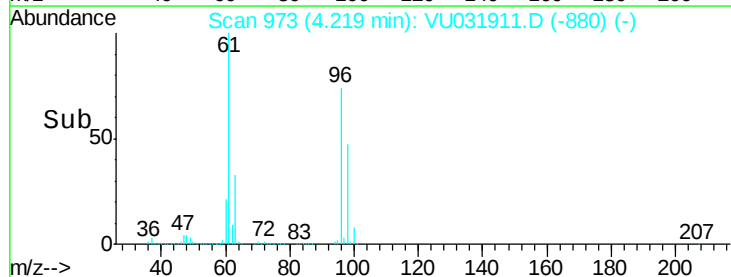
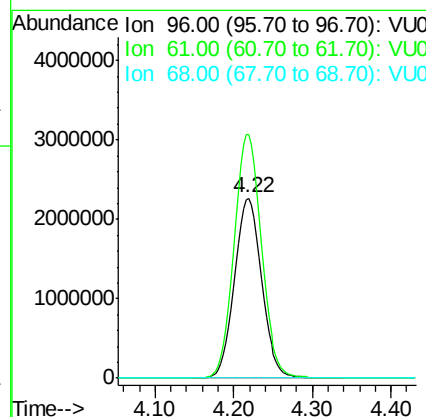
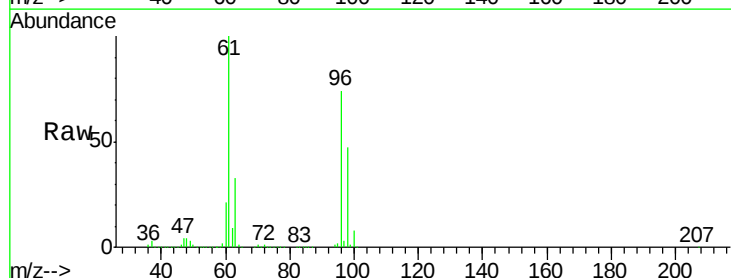
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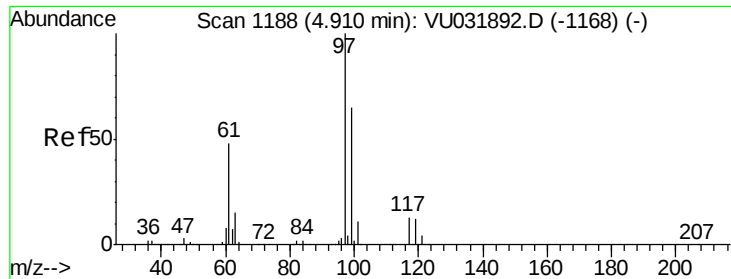
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#20
 cis-1,2-Dichloroethene
 Concen: 586.630 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031911.D
 Acq: 11 May 2019 00:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.0	99.5	184.7
68	0.0	0.0	0.0





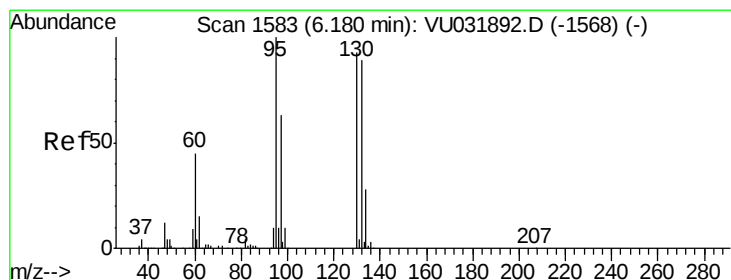
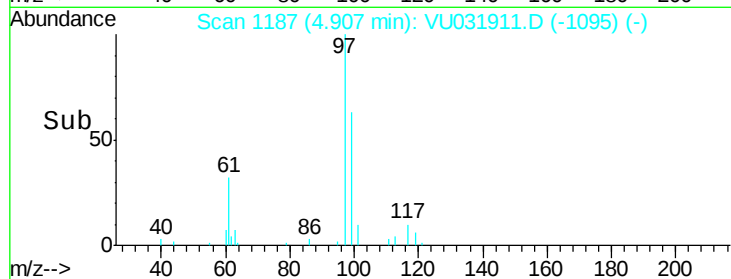
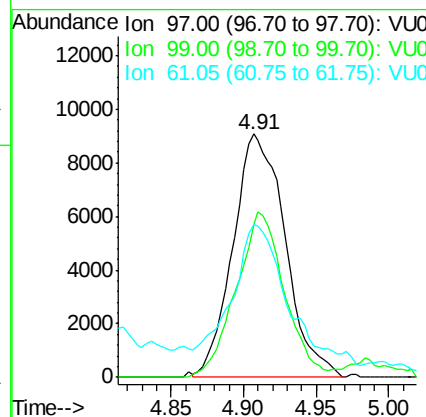
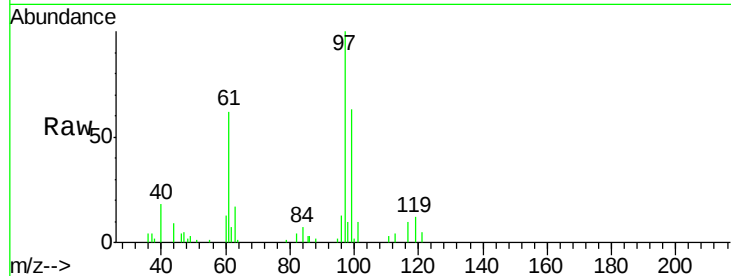
#30
1,1,1-Trichloroethane
Concen: 1.504 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU031911.D
Acq: 11 May 2019 00:16

Instrument :
MSVOA_U
ClientSampleId :
C0B52

Tot Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.0	78.0
61	43.0	38.7	58.1

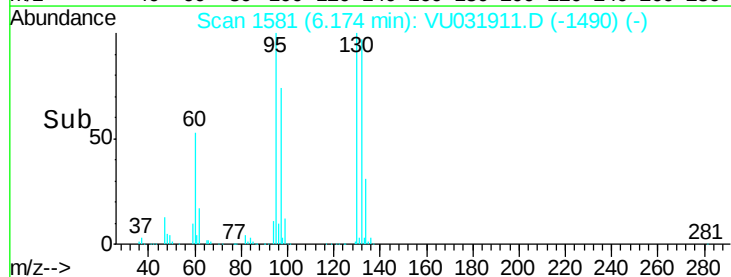
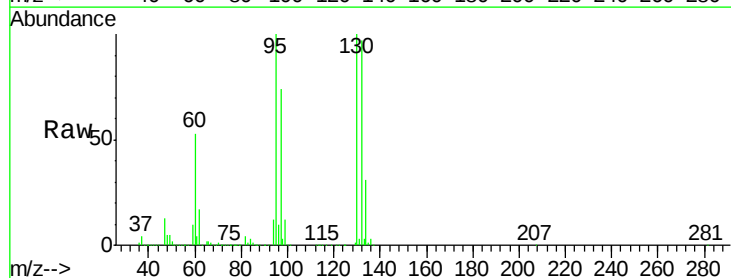
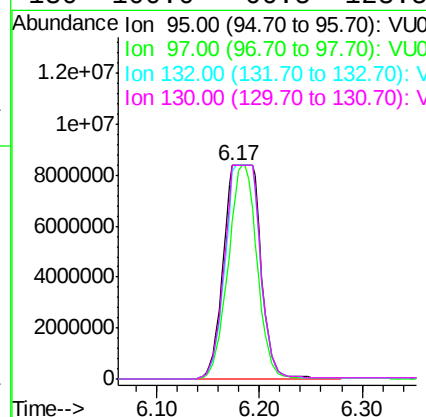
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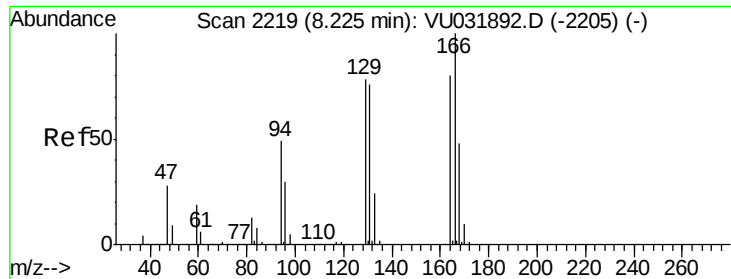
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#34
Trichloroethene
Concen: 2165.047 ug/L m
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VU031911.D
Acq: 11 May 2019 00:16

Tgt Ion	Ratio	Lower	Upper
95	100		
97	73.6	44.8	83.2
132	97.2	63.1	117.1
130	100.0	66.5	123.5





#46

Tetrachloroethene

Concen: 2000.186 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031911.D

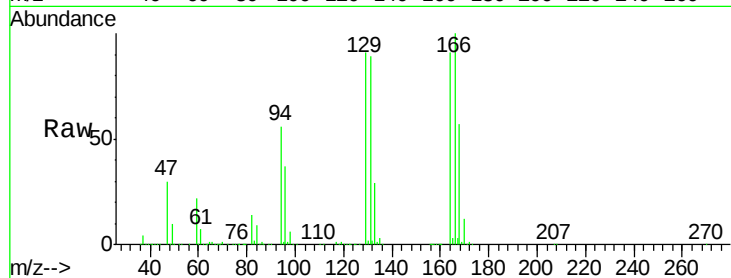
Acq: 11 May 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

C0B52



Tot Ion:164 Resp:13121817

Ion Ratio Lower Upper

164 100

129 101.0 71.5 132.9

131 98.4 69.0 128.2

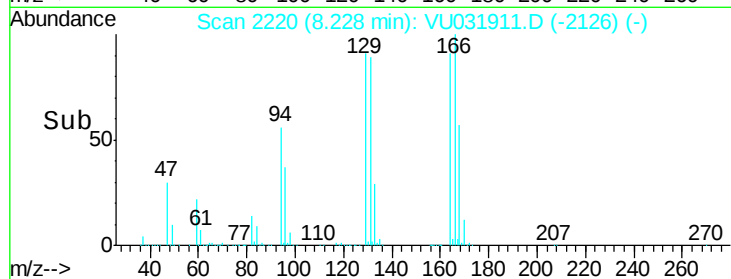
166 110.5 93.7 173.9

Manual Integrations

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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

