

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031913.D
 Acq On : 11 May 2019 01:04
 Operator : JC/SP
 Sample : K2705-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B54

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:48 AM

Quant Time: May 11 04:43:51 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	1043232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1087952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	407502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	363450	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.67	69	326074	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.27	63	568859	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	4.17	46	691380	87.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.40%
24) Chloroform-d	4.64	84	707679	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.30	65	467385	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.33	84	1454436	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
36) 1,2-Dichloropropane-d6	6.32	67	511413	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.56	98	1273258	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.85	79	203424	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.64%
47) 2-Hexanone-d5	8.31	63	480979	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	700210	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	420044	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	231954	17.875 ug/L	96
12) 1,1-Dichloroethene	2.28	96	41877	5.145 ug/L	# 1
13) Acetone	2.32	43	9381	1.053 ug/L	82
17) trans-1,2-Dichloroethene	2.98	96	132518	15.625 ug/L	92
19) 1,1-Dichloroethane	3.44	63	27650	1.548 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	5430838	596.951 ug/L	96
30) 1,1,1-Trichloroethane	4.91	97	21990	1.443 ug/L	97
34) Trichloroethene	6.17	95	20868734m	2152.295 ug/L	
46) Tetrachloroethene	8.23	164	13176206	1993.335 ug/L	92

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

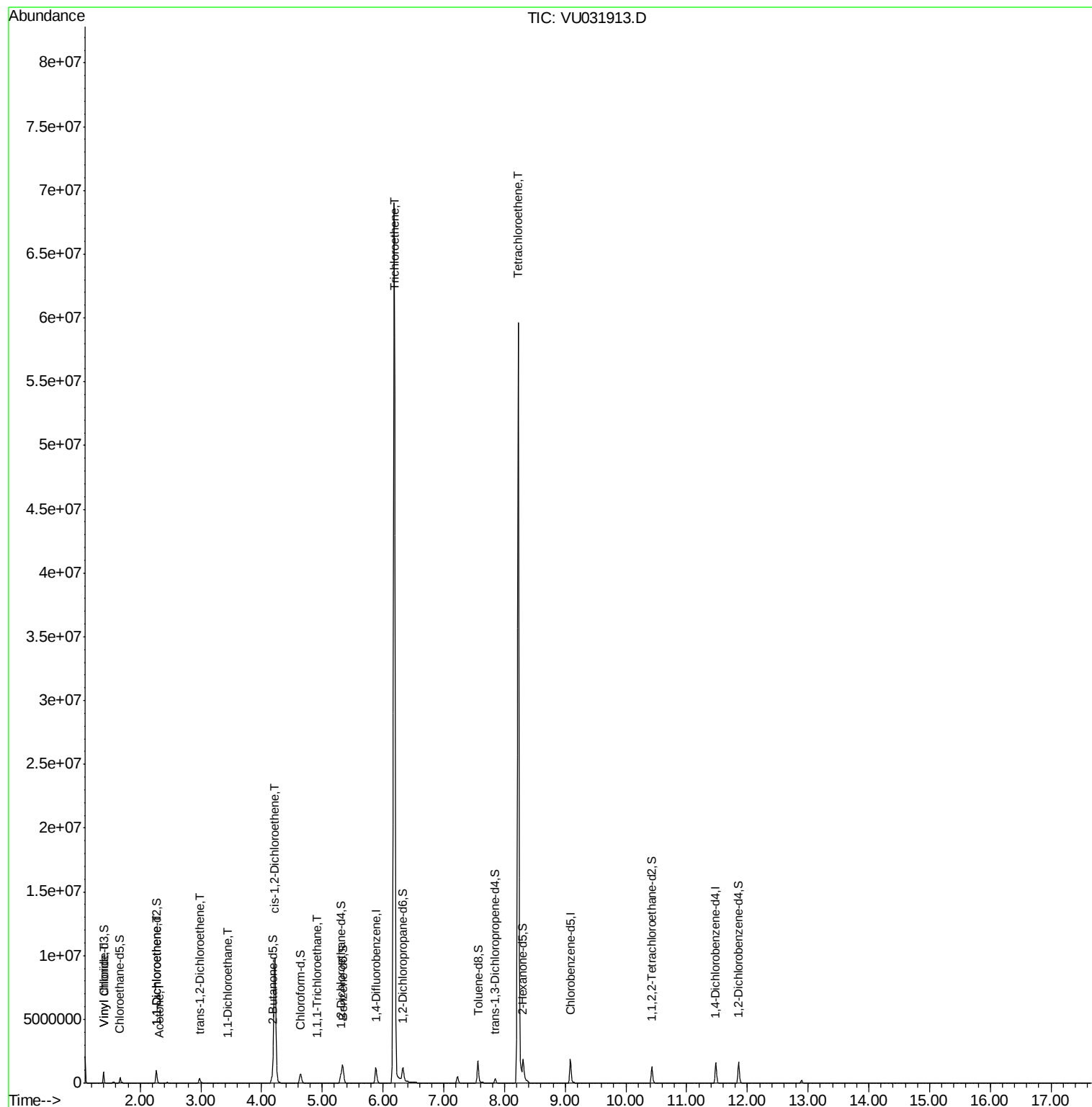
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031913.D
Acq On : 11 May 2019 01:04
Operator : JC/SP
Sample : K2705-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

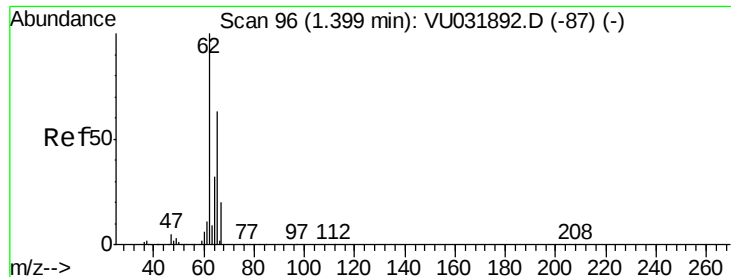
Instrument :
MSVOA_U
ClientSampleId :
C0B54

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Quant Time: May 11 04:43:51 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: 17.875 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

Instrument :

MSVOA_U

ClientSampled :

C0B54

Tot Ion: 62 Resp: 231954

Ion Ratio Lower Upper

62 100

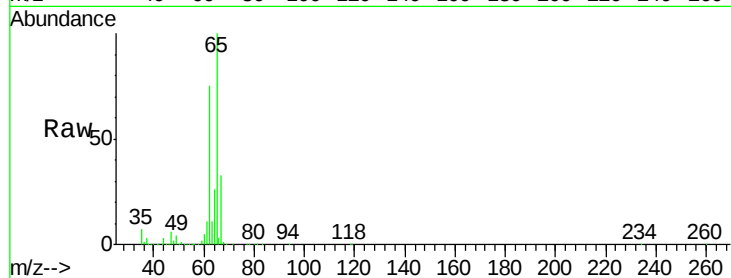
64 35.0 23.1 42.9

Manual Integrations

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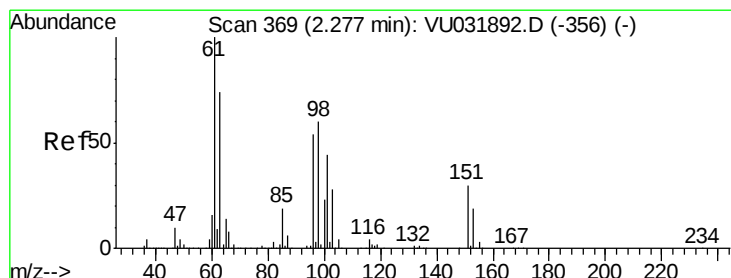
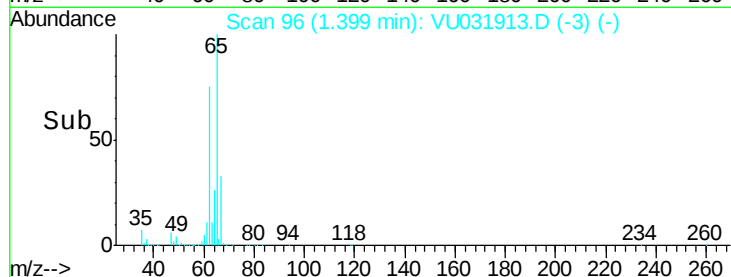
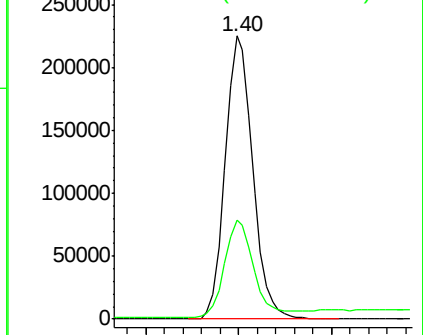
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Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 5.145 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

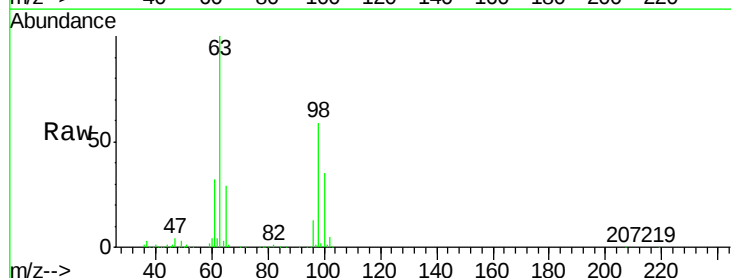
Tgt Ion: 96 Resp: 41877

Ion Ratio Lower Upper

96 100

61 249.6 135.0 250.6

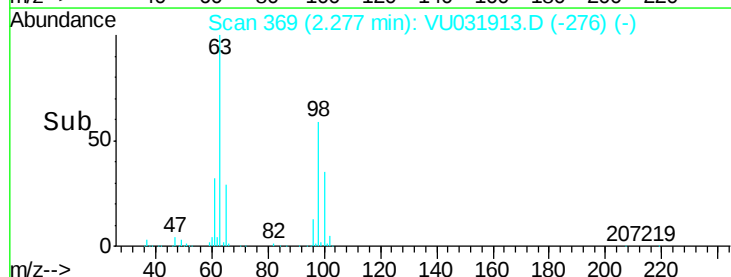
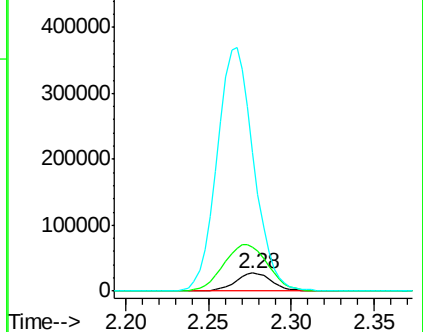
63 781.3 103.5 192.3#

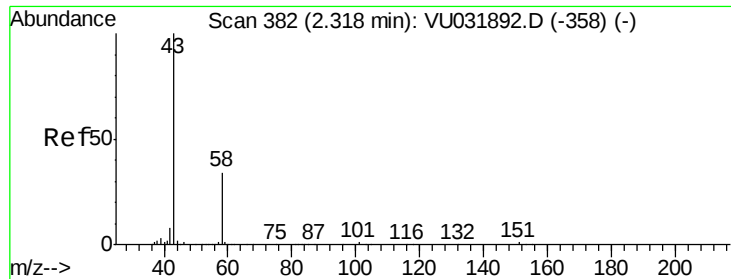


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





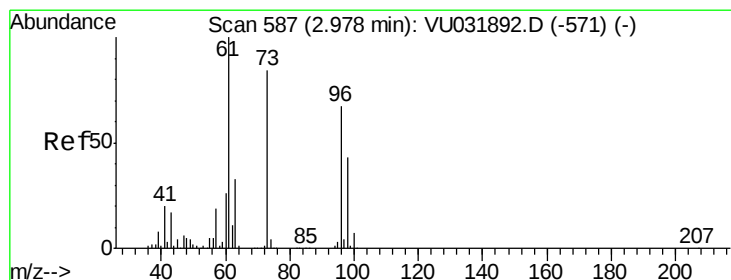
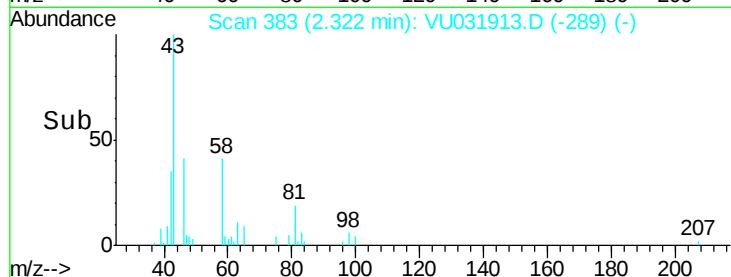
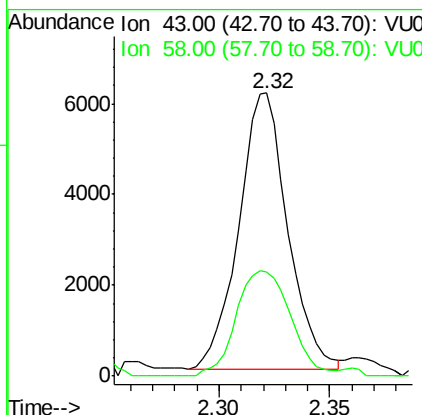
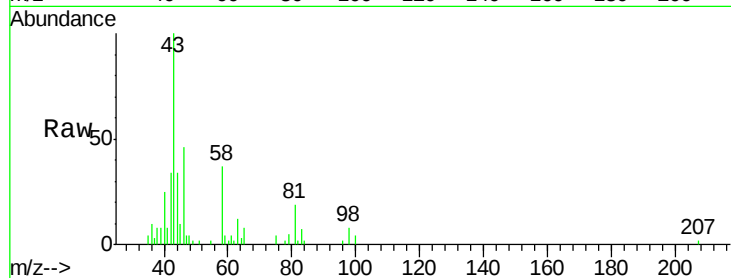
#13
Acetone
Concen: 1.053 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

Instrument :
MSVOA_U
ClientSampleId :
C0B54

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.4	0.0	64.4

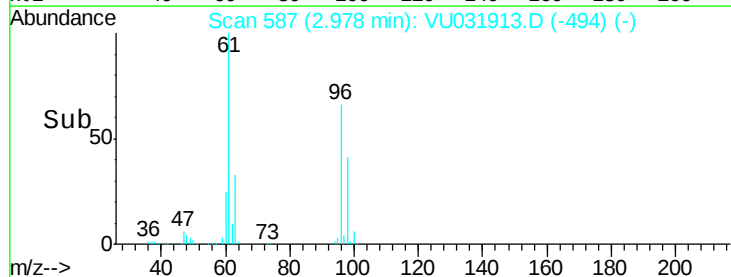
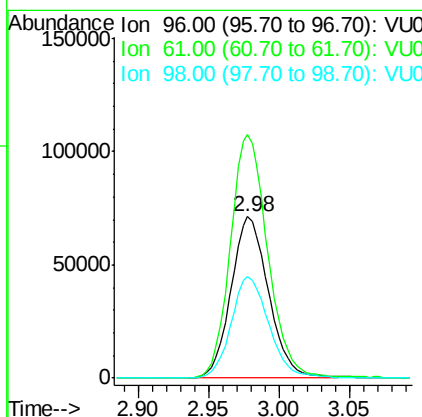
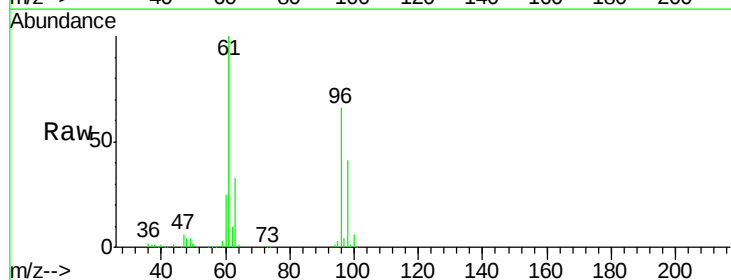
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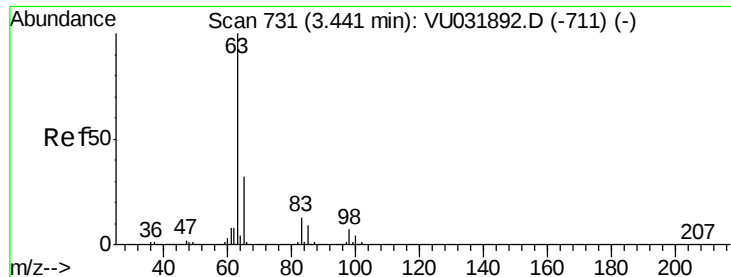
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#17
trans-1,2-Dichloroethene
Concen: 15.625 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.0	114.5	212.7
98	62.6	45.4	84.2





#19

1,1-Dichloroethane

Concen: 1.548 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

Instrument :

MSVOA_U

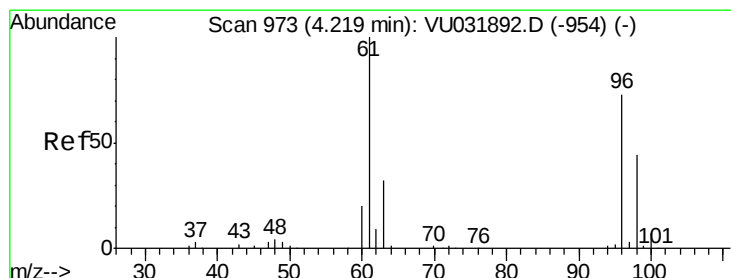
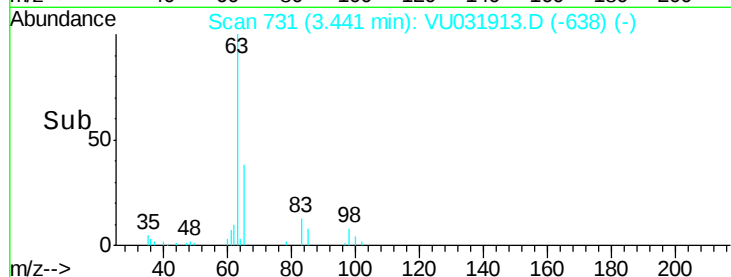
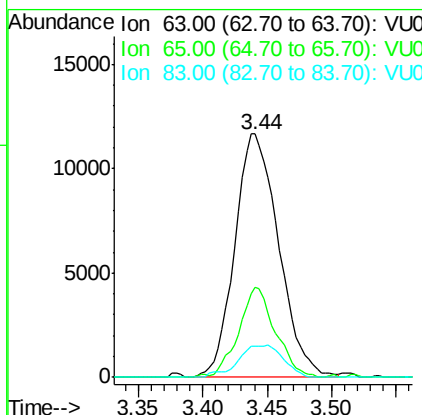
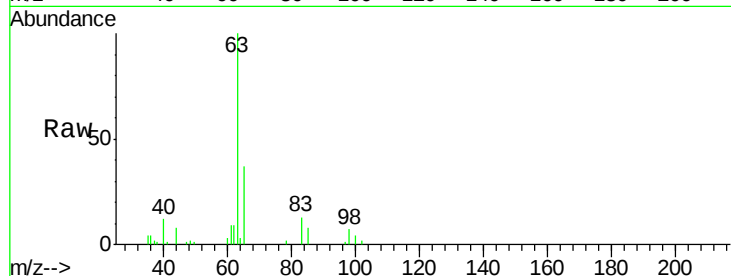
ClientSampleId :

C0B54

Tot Ion:	63	Resp:	27650
Ion	Ratio	Lower	Upper
63	100		
65	37.0	22.0	40.8
83	12.9	8.8	16.4

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#20

cis-1,2-Dichloroethene

Concen: 596.951 ug/L

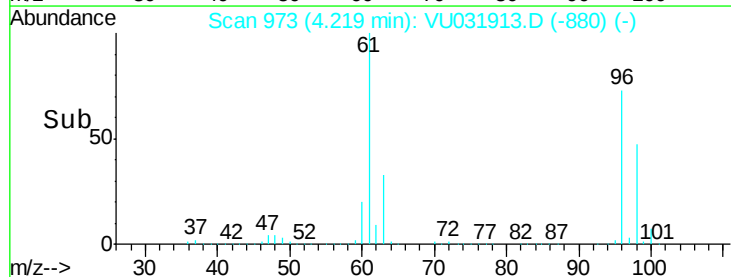
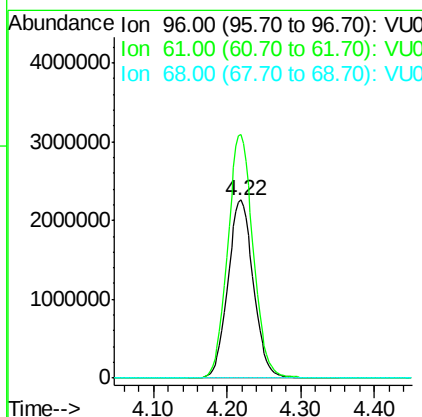
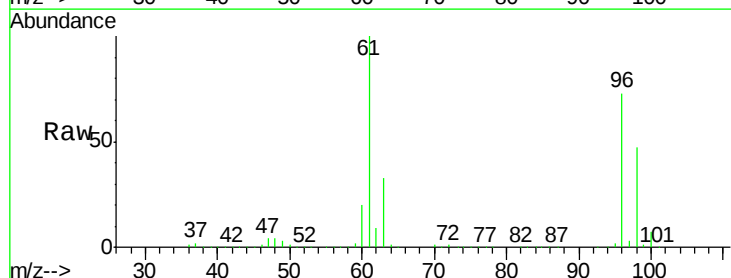
RT: 4.22 min Scan# 973

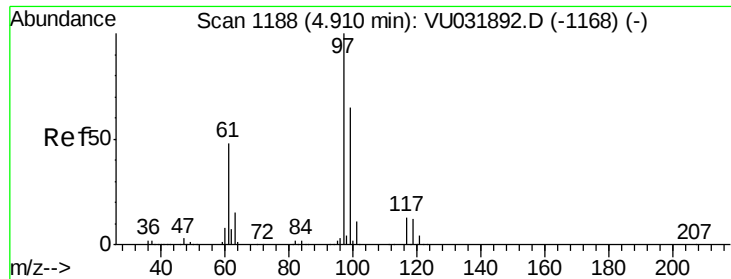
Delta R.T. 0.00 min

Lab File: VU031913.D

Acq: 11 May 2019 01:04

Tgt Ion:	96	Resp:	5430838
Ion	Ratio	Lower	Upper
96	100		
61	136.9	99.5	184.7
68	0.0	0.0	0.0





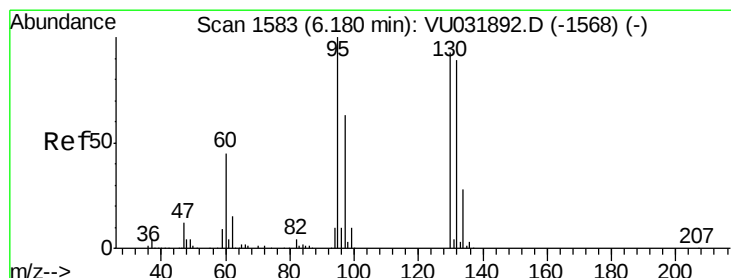
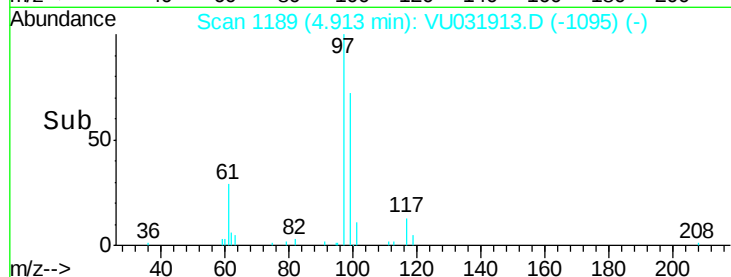
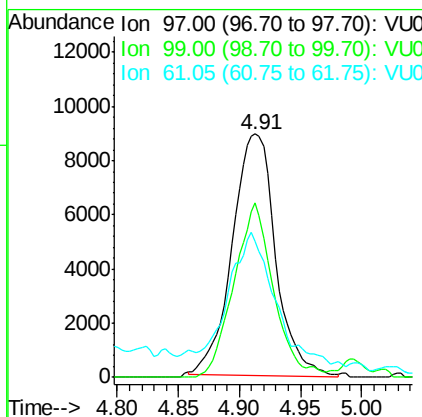
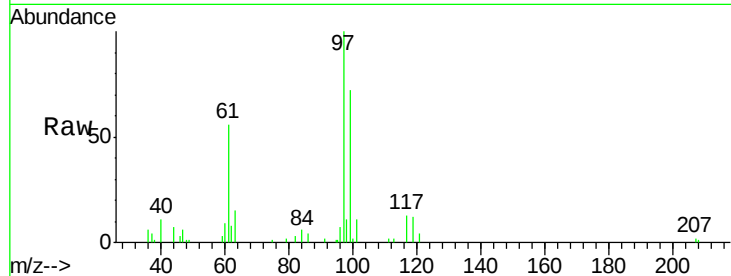
#30
1,1,1-Trichloroethane
Concen: 1.443 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

Instrument :
MSVOA_U
ClientSampleId :
C0B54

Tot Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	43.7	38.7	58.1

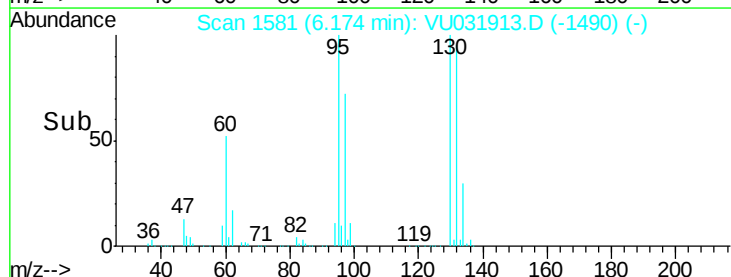
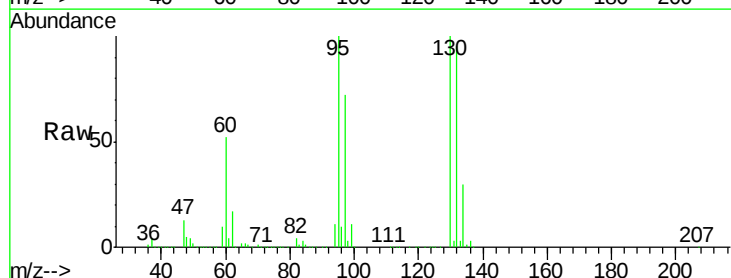
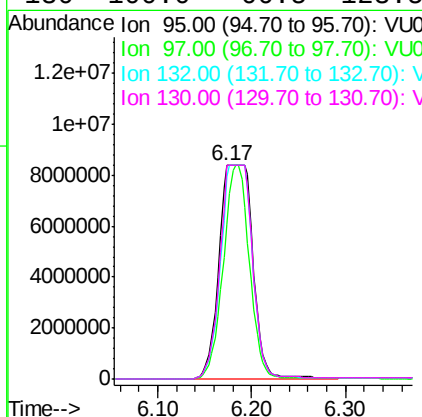
Manual Integrations
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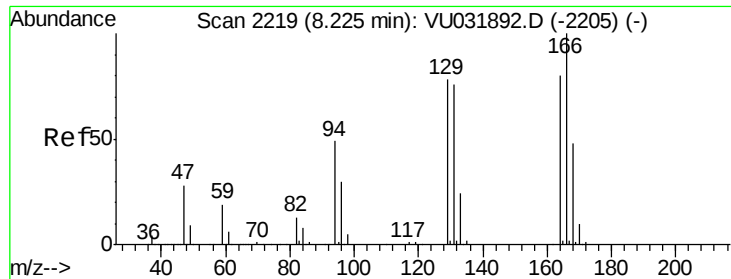
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#34
Trichloroethene
Concen: 2152.295 ug/L m
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

Tgt Ion	Ratio	Lower	Upper
95	100		
97	72.5	44.8	83.2
132	94.9	63.1	117.1
130	100.0	66.5	123.5





#46
Tetrachloroethene
Concen: 1993.335 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU031913.D
Acq: 11 May 2019 01:04

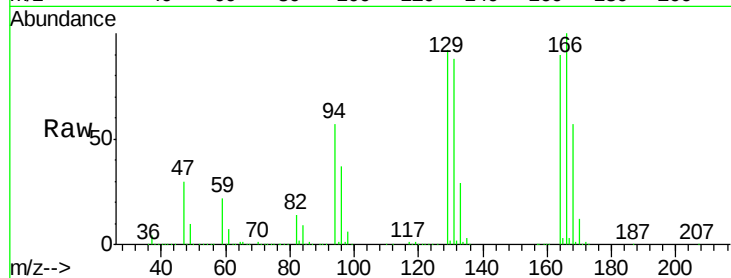
Instrument :
MSVOA_U
ClientSampleId :
C0B54

Tot Ion:164 Resp:13176206

Ion	Ratio	Lower	Upper
164	100		
129	102.2	71.5	132.9
131	98.0	69.0	128.2
166	110.9	93.7	173.9

Manual Integrations
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5/11/2019 11:49:48 AM



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

