

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031191.D
 Acq On : 14 Apr 2019 05:32
 Operator : JC/SP
 Sample : K2409-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC28

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:03:02 PM

Quant Time: Apr 15 03:55:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 01:39:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	408261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	392787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208003	57.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.14%
7) Chloroethane-d5	1.68	69	191094	69.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	138.18%#
11) 1,1-Dichloroethene-d2	2.27	63	328818	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.76%
21) 2-Butanone-d5	4.17	46	265281	91.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.64	84	281106m	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
26) 1,2-Dichloroethane-d4	5.30	65	190988	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.33	84	543821	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.32	67	182790	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.56	98	451570	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.85	79	65910	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
47) 2-Hexanone-d5	8.31	63	146909	81.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	259791	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	150989	51.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.02%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.28	96	42291	14.986 ug/L #	14
13) Acetone	2.32	43	18325	6.200 ug/L	98
19) 1,1-Dichloroethane	3.44	63	19295	3.120 ug/L	89
20) cis-1,2-Dichloroethene	4.22	96	4901m	1.481 ug/L	
30) 1,1,1-Trichloroethane	4.91	97	3834m	0.801 ug/L	
34) Trichloroethene	6.18	95	89886	28.512 ug/L	97

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

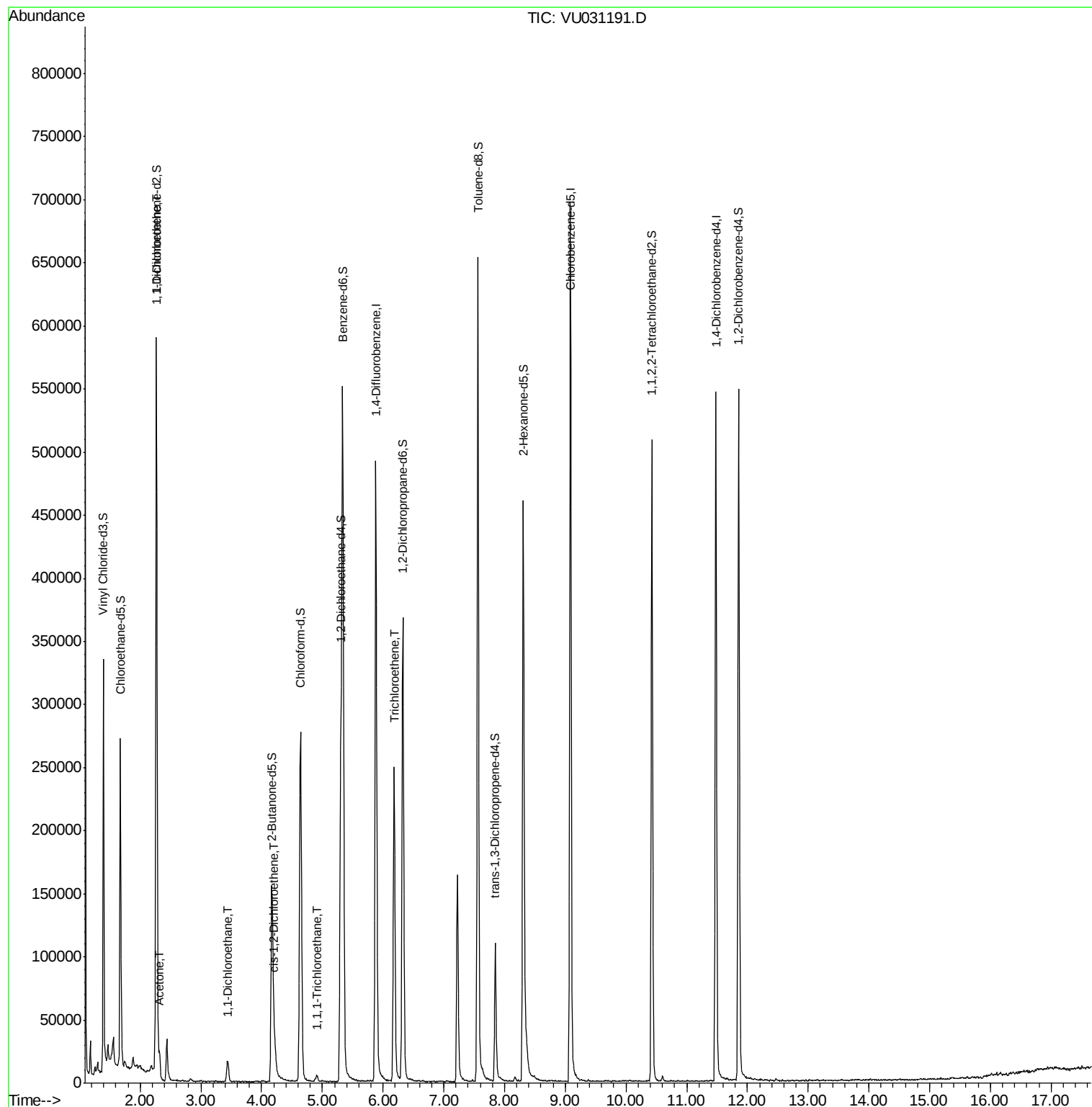
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031191.D
Acq On : 14 Apr 2019 05:32
Operator : JC/SP
Sample : K2409-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

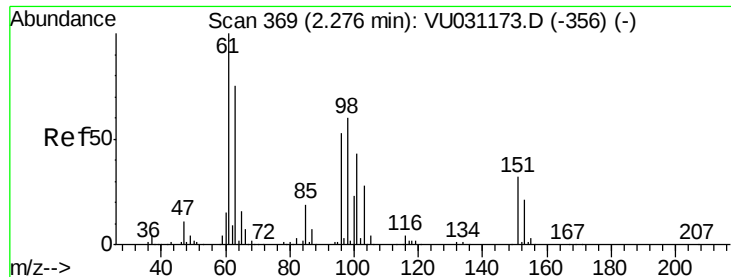
Instrument :
MSVOA_U
ClientSampleId :
BFC28

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Quant Time: Apr 15 03:55:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 01:39:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 14.986 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

Instrument :

MSVOA_U

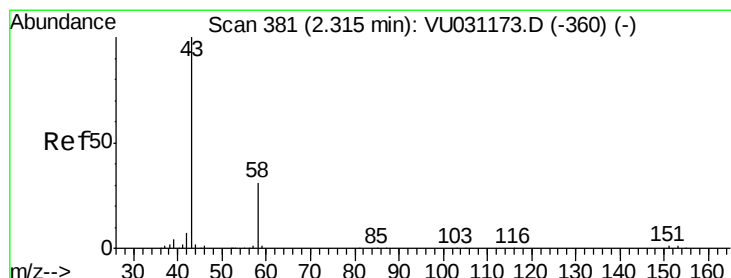
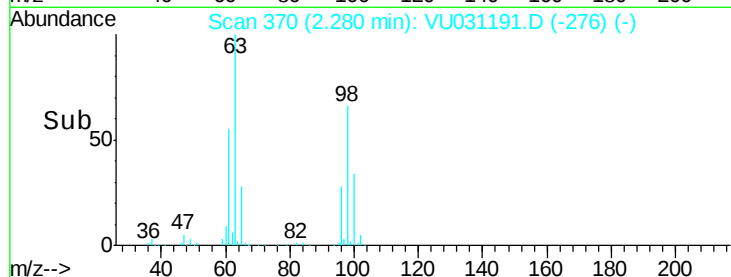
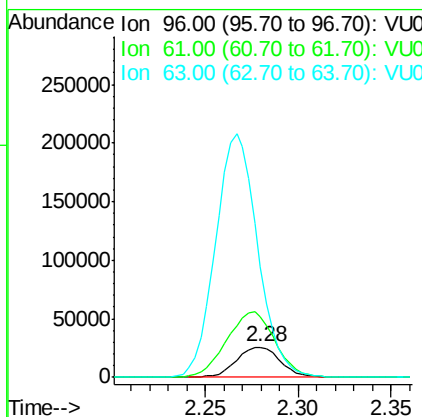
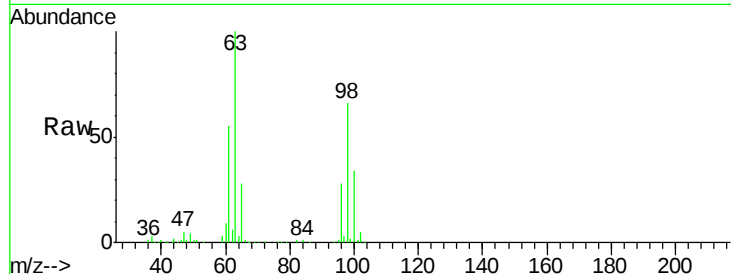
ClientSampled :

BFC28

Tot Ion	Ratio	Lower	Upper
96	100		
61	199.0	132.0	245.2
63	362.6	90.9	168.9

Manual Integrations
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#13

Acetone

Concen: 6.200 ug/L

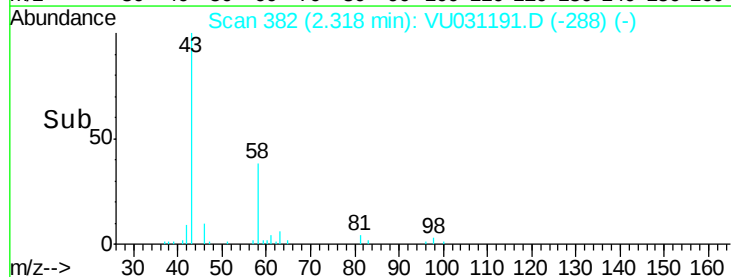
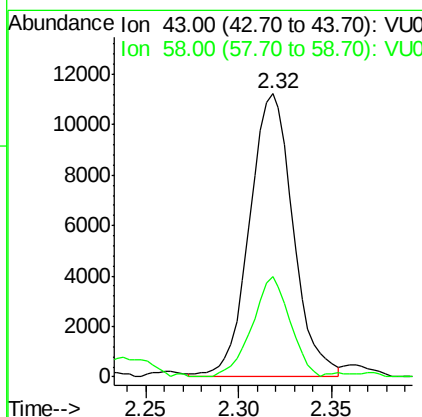
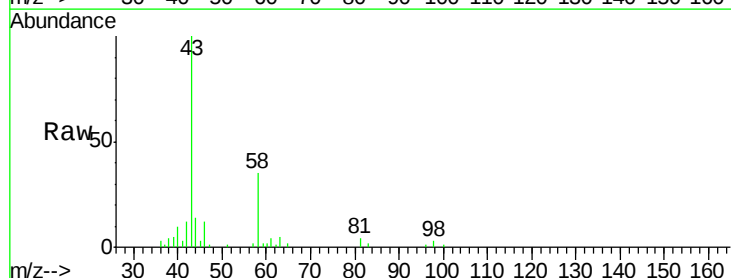
RT: 2.32 min Scan# 382

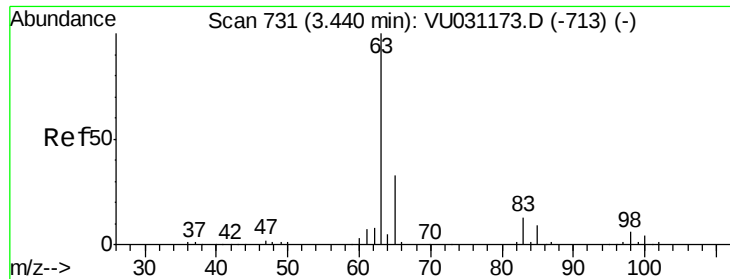
Delta R.T. 0.00 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	64.0





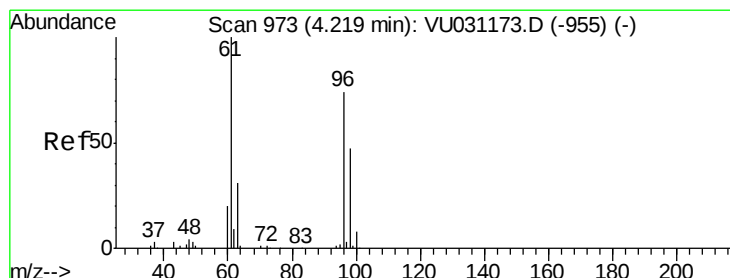
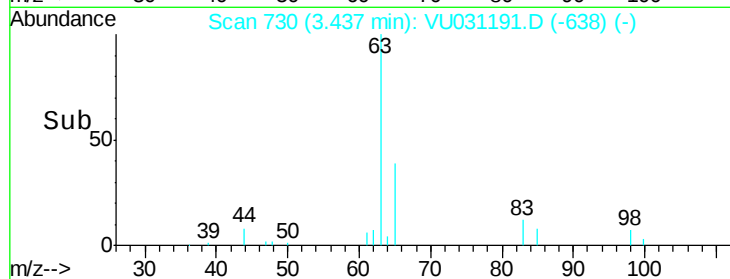
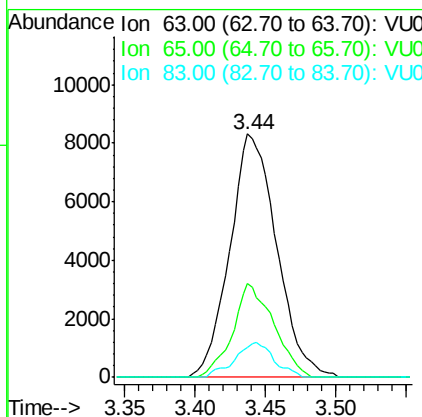
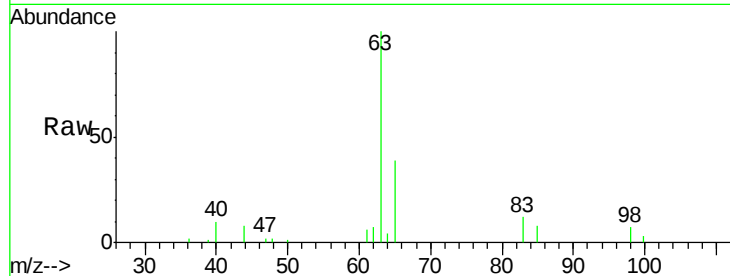
#19
 1,1-Dichloroethane
 Concen: 3.120 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Instrument :
 MSVOA_U
 ClientSampled :
 BFC28

Tot Ion	Ratio	Lower	Upper
63	100		
65	38.8	21.4	39.8
83	12.3	8.5	15.7

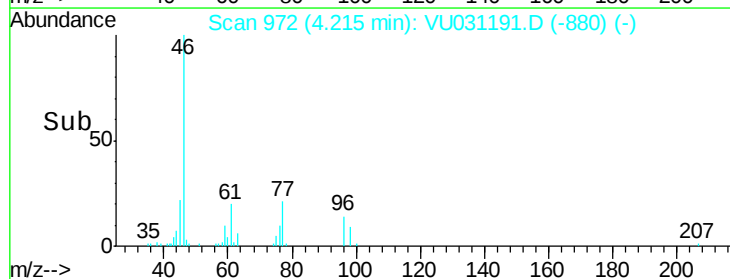
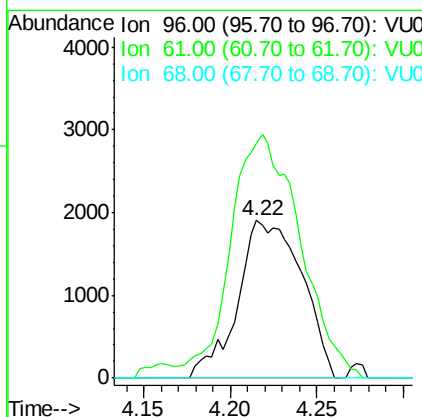
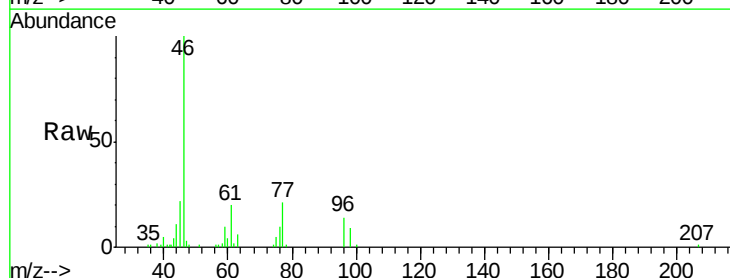
Manual Integrations
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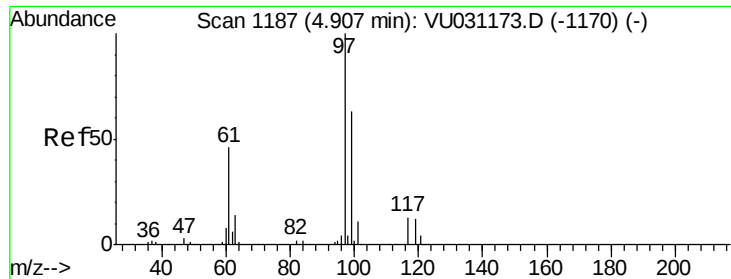
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#20
 cis-1,2-Dichloroethene
 Concen: 1.481 ug/L m
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	102.9	191.1
68	0.0	0.0	0.0





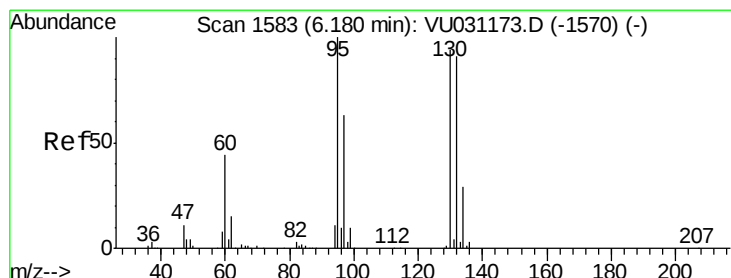
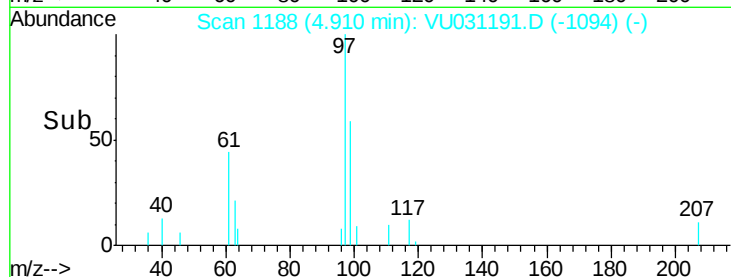
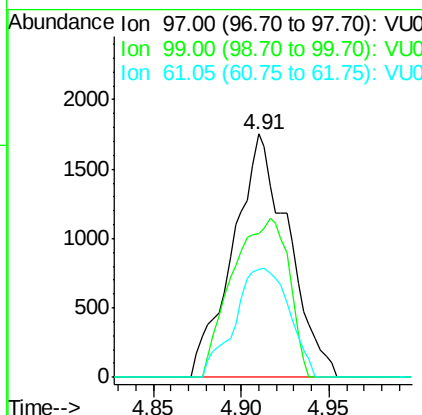
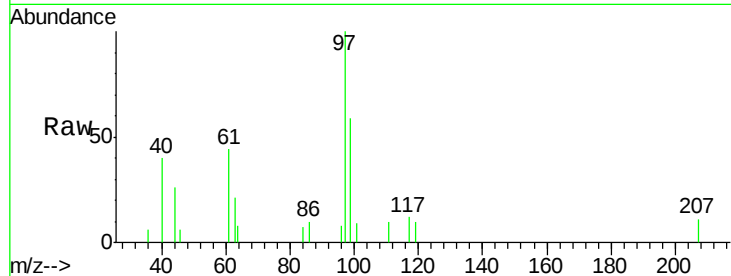
#30
 1,1,1-Trichloroethane
 Concen: 0.801 ug/L m
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC28

Tot Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.4	77.2
61	44.1	37.1	55.7

Manual Integrations
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#34
 Trichloroethene
 Concen: 28.512 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Tgt Ion	Ratio	Lower	Upper
95	100		
97	60.9	44.5	82.7
132	89.6	61.5	114.1
130	96.9	64.9	120.5

