

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082719\
 Data File : VV012427.D
 Acq On : 27 Aug 2019 15:00
 Operator : SY/MD
 Sample : K4500-20
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL4

Manual Integrations
 APPROVED

MMDadoda
 9/2/2019 11:32:34 AM

Quant Time: Aug 28 08:34:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 28 07:35:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167875	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51887	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37592	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	49229	7.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	159.00%#
11) 1,1-Dichloroethene-d2	2.13	63	87366	5.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.20%
20) 2-Butanone-d5	3.94	46	105373	46.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.40	84	100906	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.08	65	55782	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	5.10	84	201528	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.40%
36) 1,2-Dichloropropane-d6	6.12	67	46432	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	114054	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.67	79	12982	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.13	63	37711	31.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23428	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	39902	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
13) Acetone	2.19	43	14277	14.595 ug/L	96
21) 2-Butanone	4.03	43	3979m	1.732 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	6870	0.629 ug/L	100
25) Chloroform	4.42	83	12076	0.581 ug/L	99
34) Trichloroethene	5.96	95	13405	1.404 ug/L	93
47) Tetrachloroethene	8.02	164	446884	58.023 ug/L	97

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

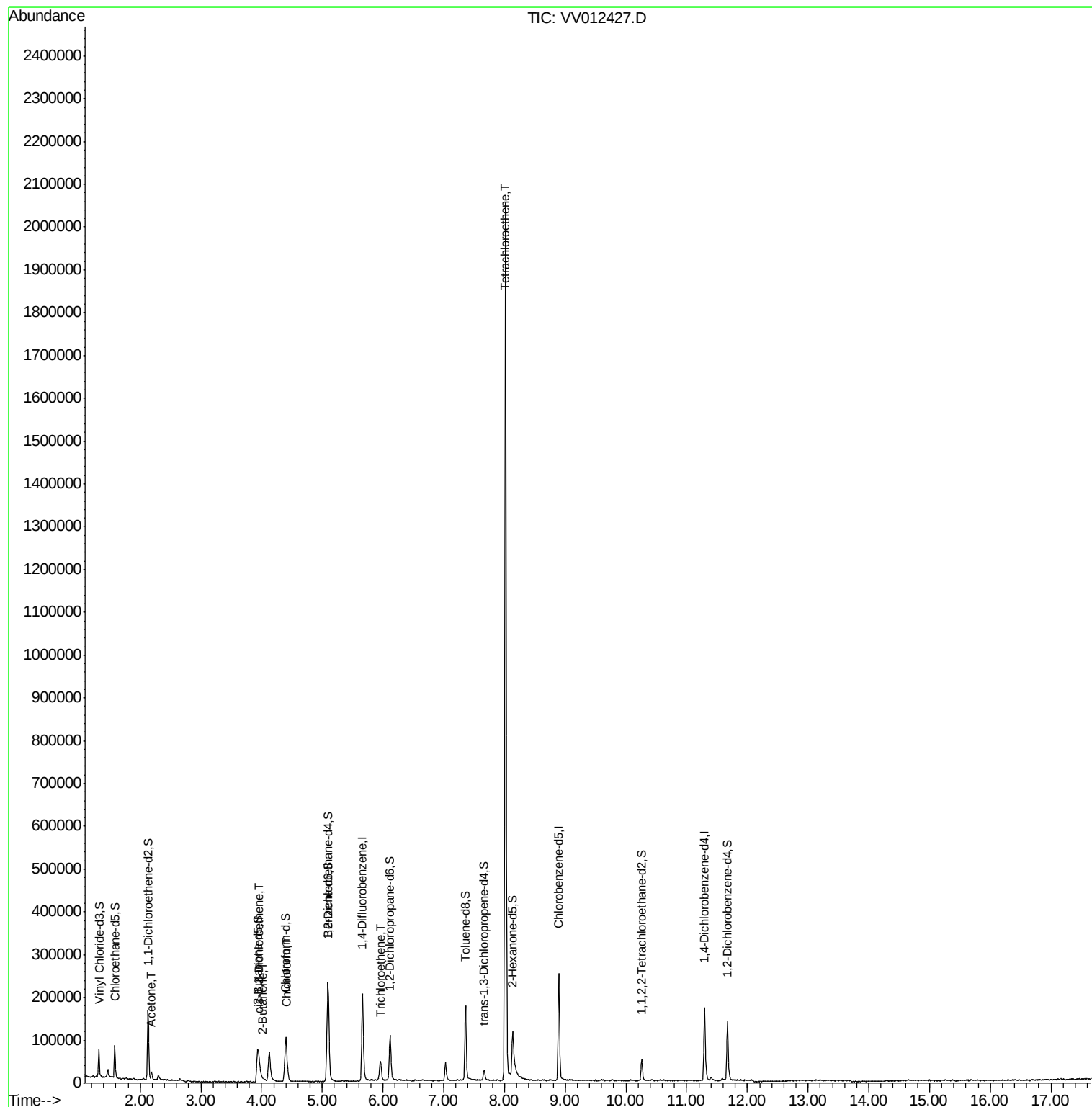
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082719\
Data File : VV012427.D
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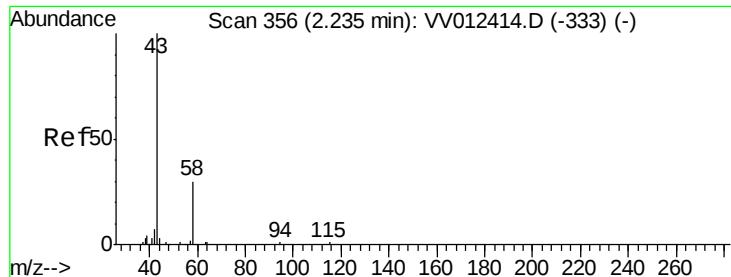
Instrument :
MSVOA_V
ClientSampleId :
GANL4

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Quant Time: Aug 28 08:34:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.595 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012427.D

Acq: 27 Aug 2019 15:00

Instrument :

MSVOA_V

ClientSampled :

GANL4

Tot Ion: 43 Resp: 14277

Ion Ratio Lower Upper

43 100

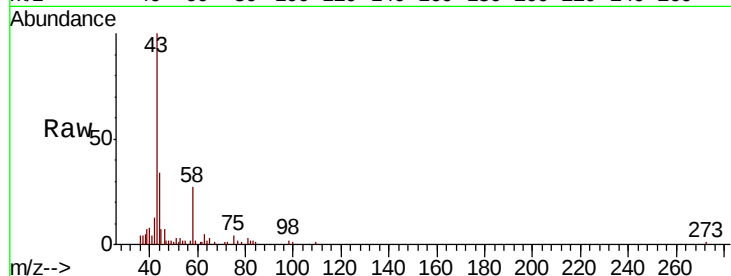
58 29.4 0.0 62.8

Manual Integrations

APPROVED

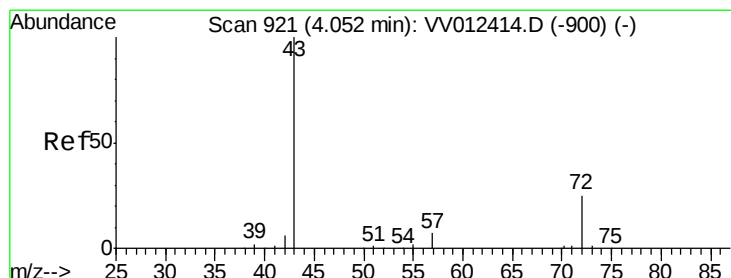
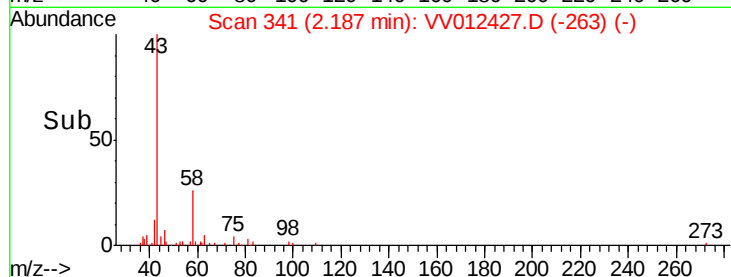
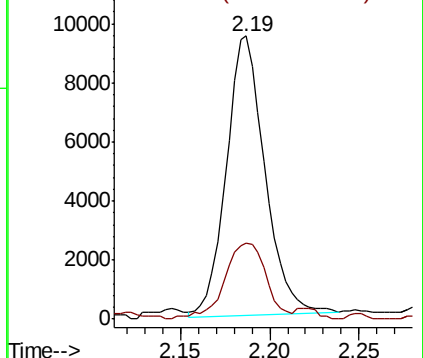
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9/2/2019 11:32:34 AM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 1.732 ug/L m

RT: 4.03 min Scan# 913

Delta R.T. -0.03 min

Lab File: VV012427.D

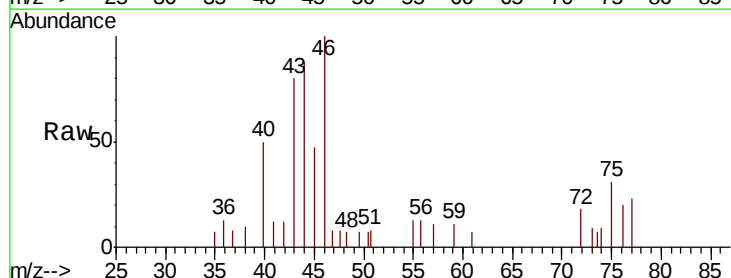
Acq: 27 Aug 2019 15:00

Tgt Ion: 43 Resp: 3979

Ion Ratio Lower Upper

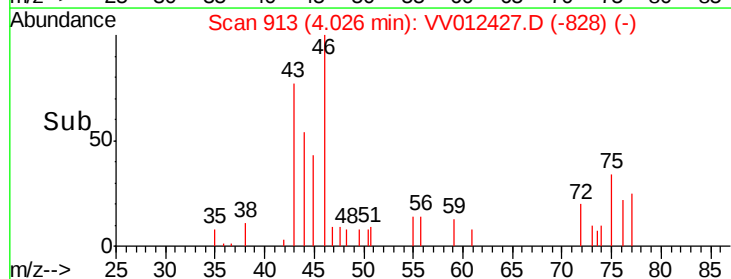
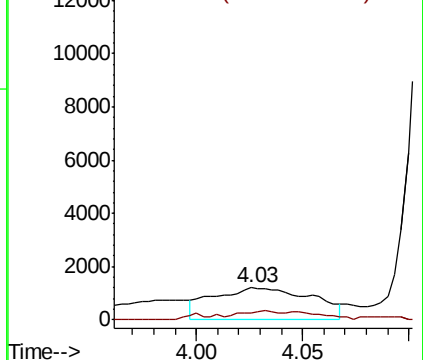
43 100

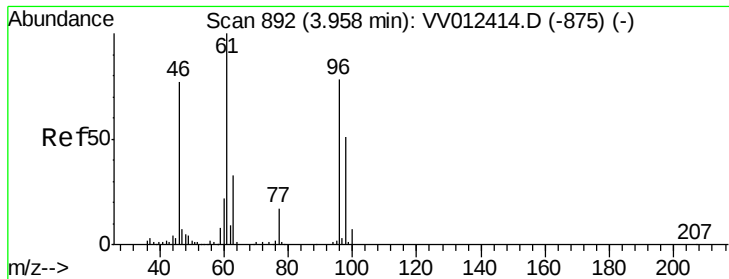
72 1.6 12.2 36.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#22

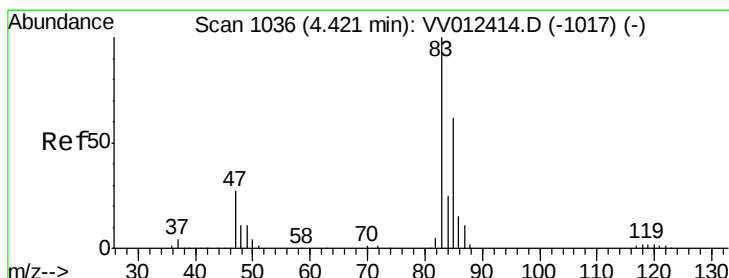
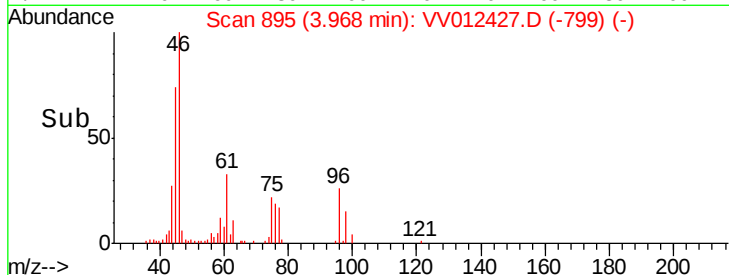
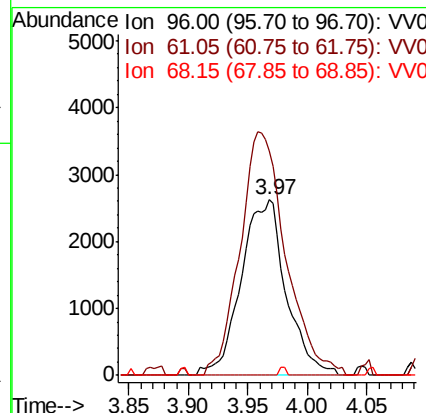
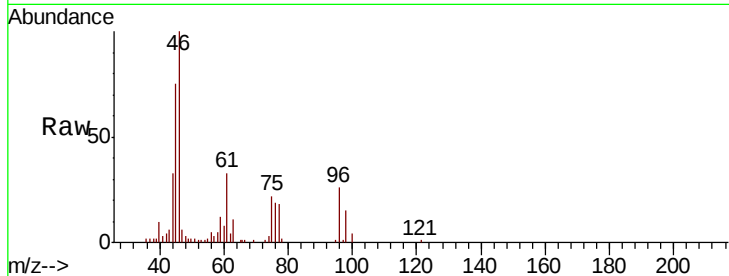
cis-1,2-Dichloroethene
 Concen: 0.629 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV012427.D
 Acq: 27 Aug 2019 15:00

Instrument :
 MSVOA_V
 ClientSampled :
 GANL4

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	89.4	166.0
68	0.0	0.0	0.0

Manual Integrations
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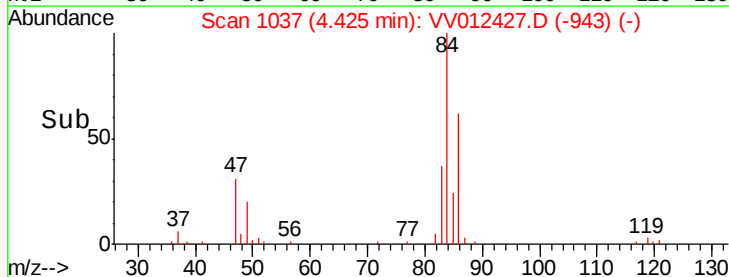
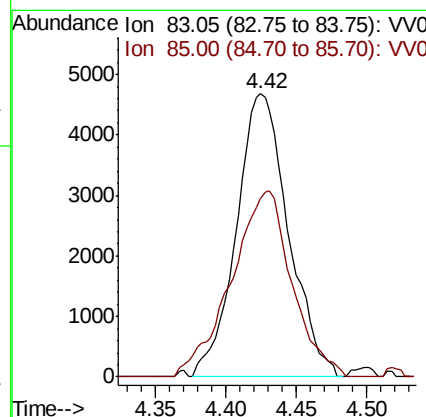
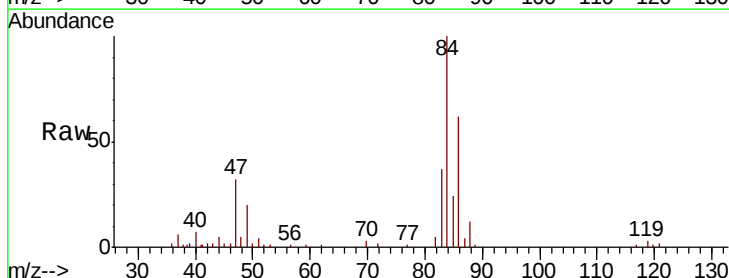
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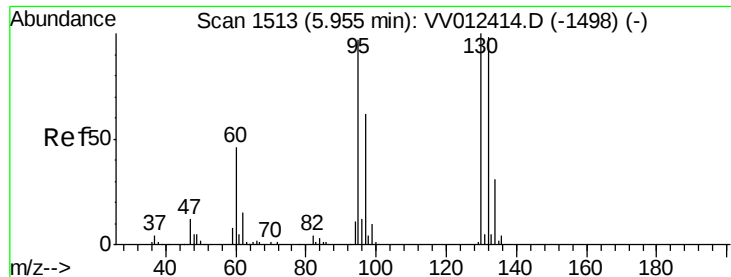


#25

Chloroform
 Concen: 0.581 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV012427.D
 Acq: 27 Aug 2019 15:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.6	82.8





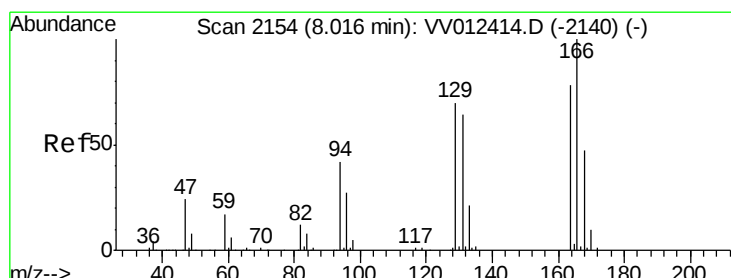
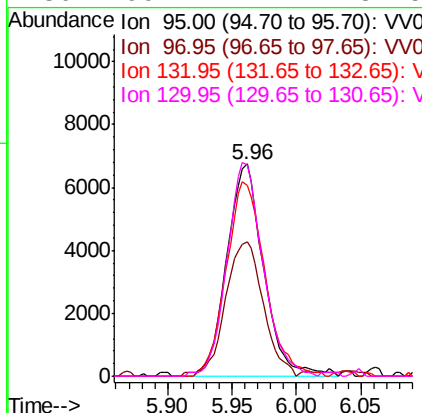
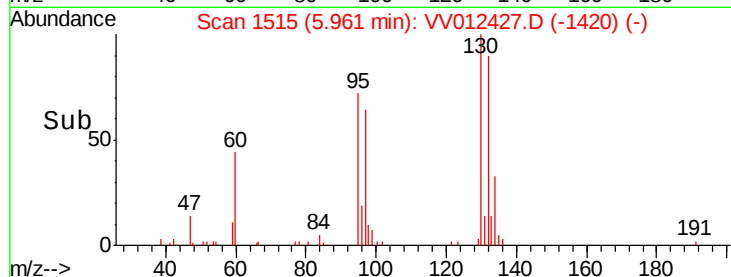
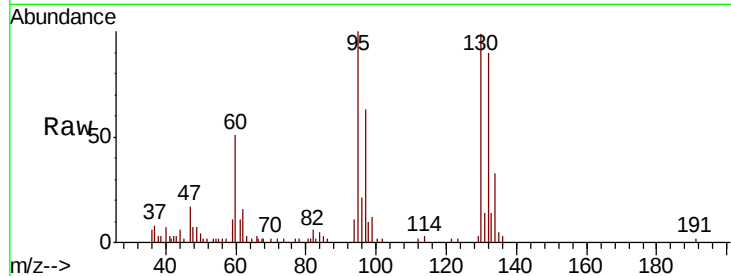
#34
 Trichloroethene
 Concen: 1.404 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV012427.D
 Acq: 27 Aug 2019 15:00

Instrument :
 MSVOA_V
 ClientSampled :
 GANL4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		13405		
97	63.4	46.3	86.1		
132	89.5	70.3	130.7		
130	99.2	72.4	134.5		

Manual Integrations
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 9/2/2019 11:32:34 AM



#47
 Tetrachloroethene
 Concen: 58.023 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012427.D
 Acq: 27 Aug 2019 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		446884		
129	89.7	60.6	112.6		
131	87.8	58.8	109.2		
166	128.6	87.6	162.8		

