

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\
 Data File : VV011181.D
 Acq On : 31 May 2019 16:43
 Operator : SY/MD
 Sample : K3083-01RE
 Misc : 3.22G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F3RE

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 7:08:46 AM

Quant Time: Jun 02 21:11:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 00:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339071	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	258348	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67871	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101110	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.16%
7) Chloroethane-d5	1.58	69	84741	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	2.12	63	168529	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	3.94	46	50638	30.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.40%
24) Chloroform-d	4.40	84	193102	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	103714	19.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.80%
29) Benzene-d6	5.09	84	401244	28.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.40%
33) 1,2-Dichloropropane-d6	6.11	67	120982	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.64%
37) Toluene-d8	7.36	98	348139	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.20%
38) trans-1,3-Dichloropropene-	7.66	79	42644	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	8.13	63	36626	35.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.70%
48) 1,1,1,2,2-Tetrachloroethane-	10.26	84	59329	14.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	50399	19.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.36%

Target Compounds

					Ovalue
13) Acetone	2.19	43	130930	67.121 ug/L	100
15) Methyl Acetate	2.46	43	24623	8.389 ug/L	98
19) 1,1-Dichloroethane	3.23	63	15006	1.671 ug/L	100
21) 2-Butanone	4.04	43	7891m	3.448 ug/L	
31) 1,1,1-Trichloroethane	4.65	97	138990	23.492 ug/L	99
35) Trichloroethene	5.96	95	8243	2.053 ug/L	97
44) Toluene	7.43	91	12727	0.761 ug/L	95
47) Tetrachloroethene	8.02	164	33320	11.197 ug/L	95

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

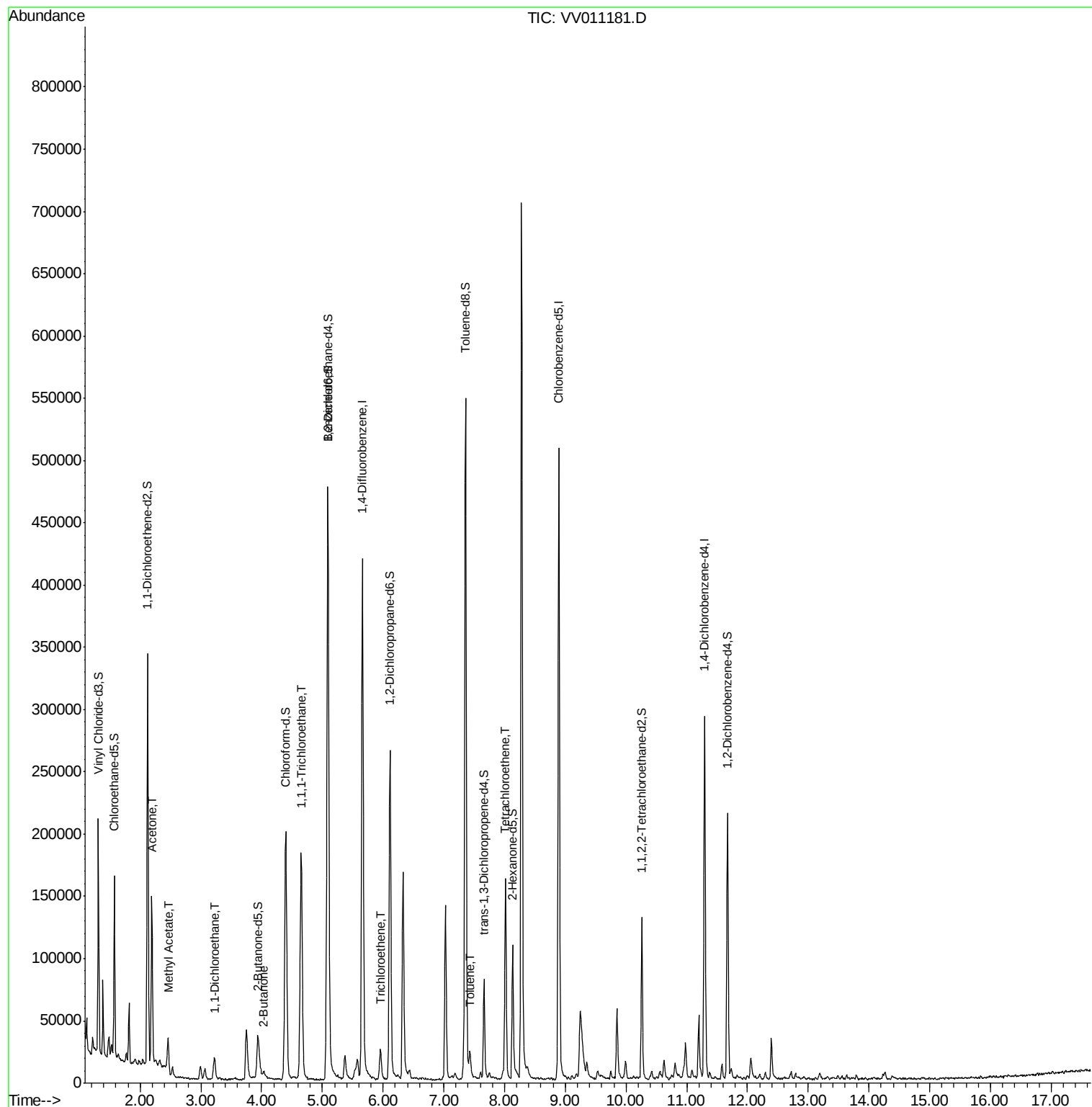
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053119\
Data File : VV011181.D
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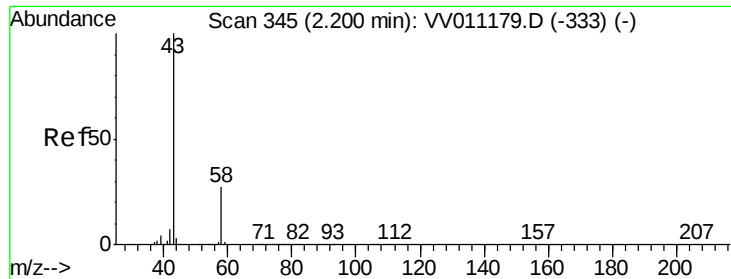
Instrument :
MSVOA_V
ClientSampleId :
A51F3RE

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Quant Time: Jun 02 21:11:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 67.121 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV011181.D

Acq: 31 May 2019 16:43

Instrument :

MSVOA_V

ClientSampleId :

A51F3RE

Tot Ion: 43 Resp: 130930

Ion Ratio Lower Upper

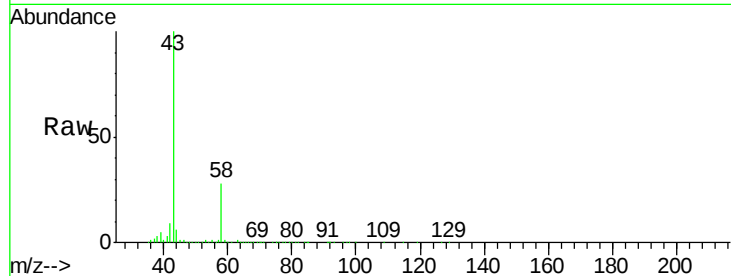
43 100

58 26.7 0.0 53.8

Manual Integrations
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6/3/2019 7:08:46 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

80000

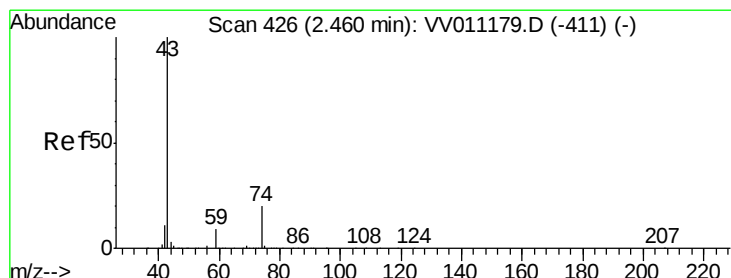
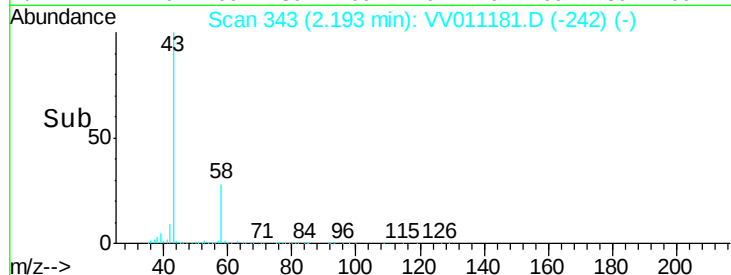
60000

40000

20000

0

Time-->



#15

Methyl Acetate

Concen: 8.389 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VV011181.D

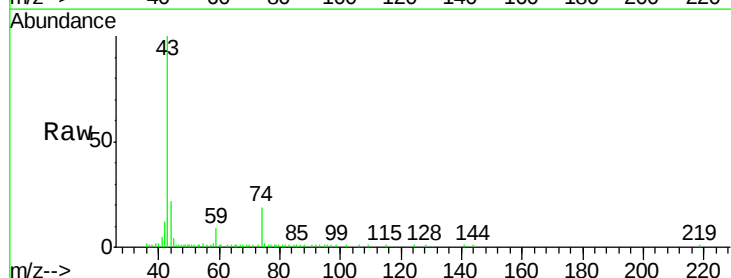
Acq: 31 May 2019 16:43

Tgt Ion: 43 Resp: 24623

Ion Ratio Lower Upper

43 100

74 21.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.46

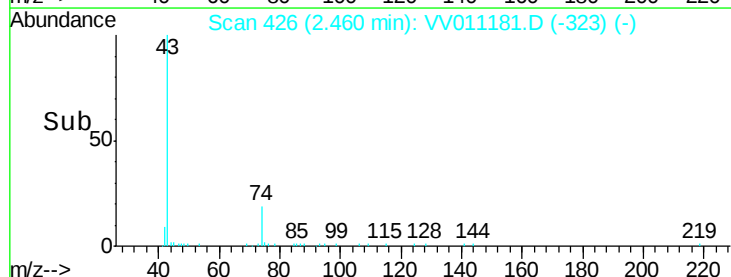
15000

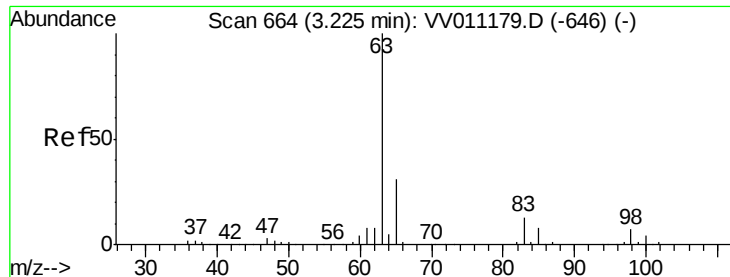
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5000

0

Time-->





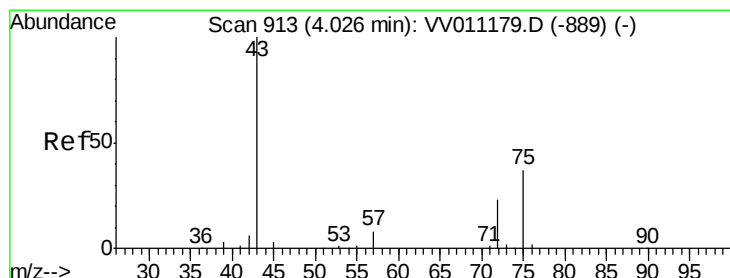
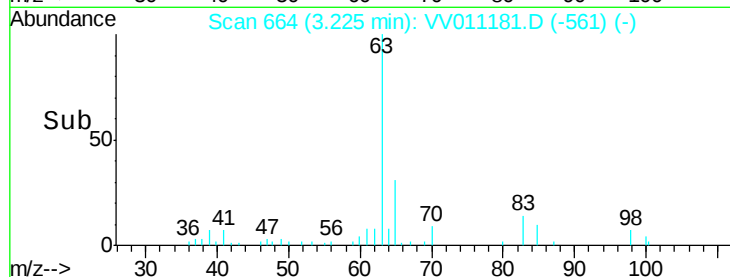
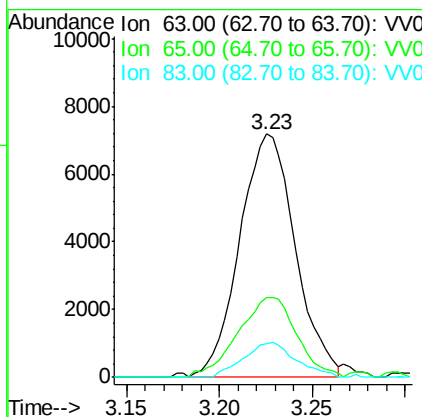
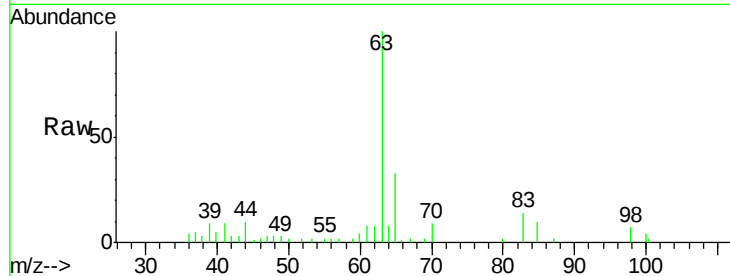
#19
 1,1-Dichloroethane
 Concen: 1.671 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV011181.D
 Acq: 31 May 2019 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F3RE

Tot Ion:	63	Resp:	15006
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.7	42.3
83	13.7	9.2	17.0

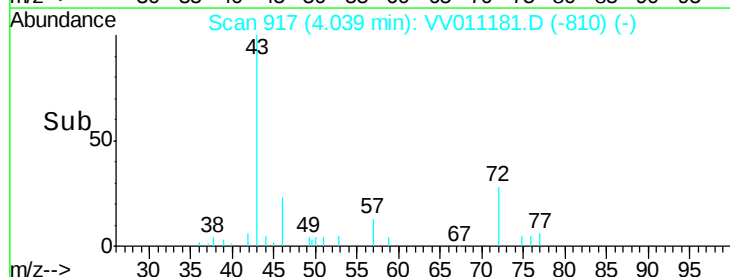
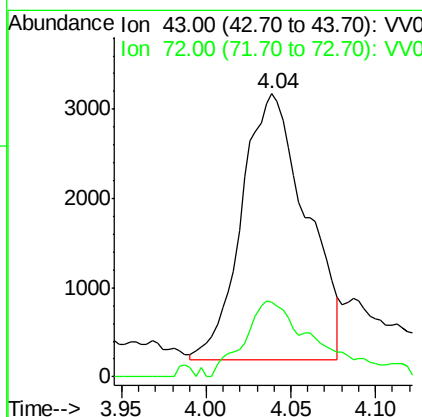
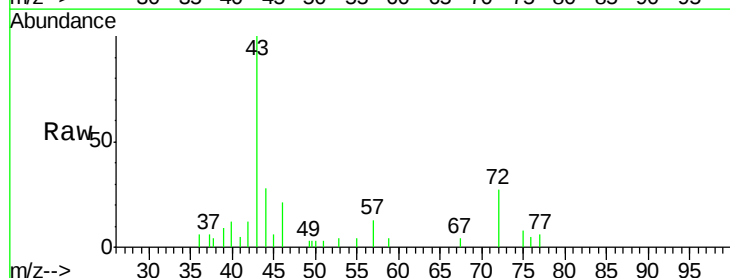
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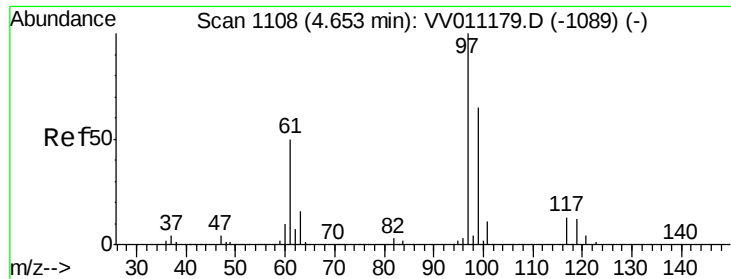
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#21
 2-Butanone
 Concen: 3.448 ug/L m
 RT: 4.04 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: VV011181.D
 Acq: 31 May 2019 16:43

Tgt Ion:	43	Resp:	7891
Ion	Ratio	Lower	Upper
43	100		
72	20.8	11.1	33.3





#31

1,1,1-Trichloroethane

Concen: 23.492 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV011181.D

Acq: 31 May 2019 16:43

Instrument :

MSVOA_V

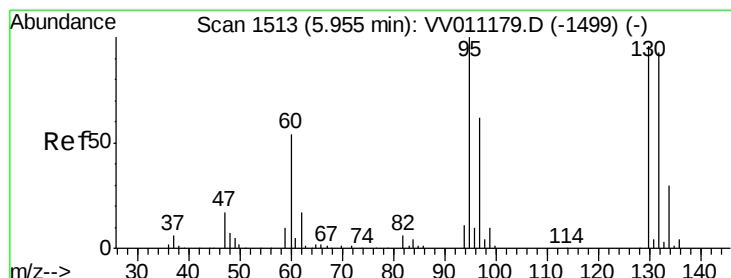
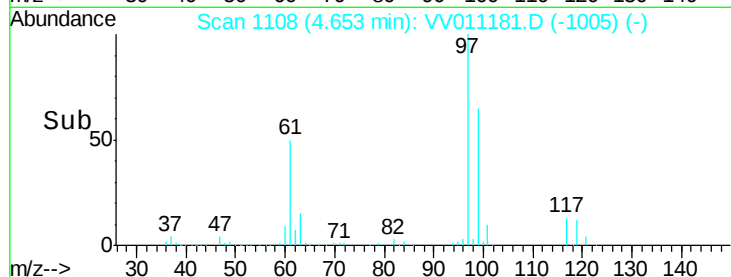
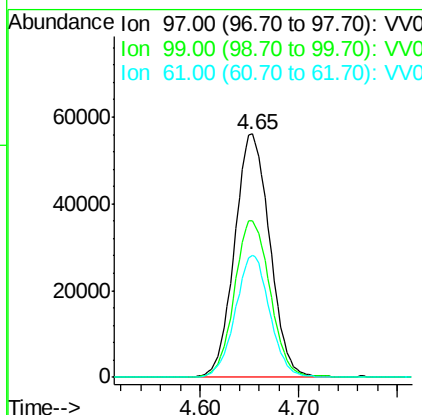
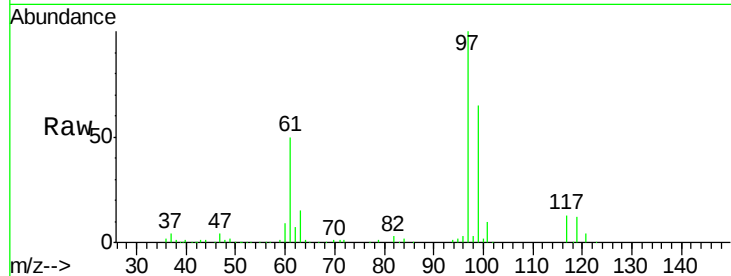
ClientSampled :

A51F3RE

Tot Ion:	97	Resp:	138990
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.3	76.9
61	48.8	38.4	57.6

Manual Integrations
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#35

Trichloroethene

Concen: 2.053 ug/L

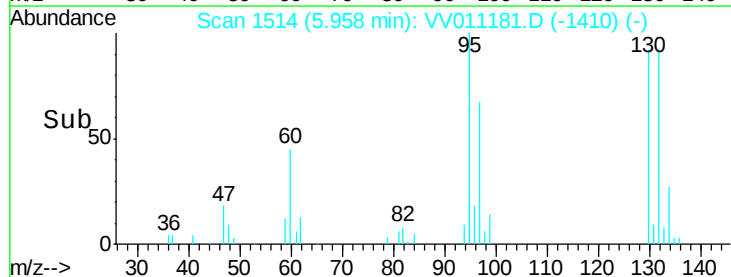
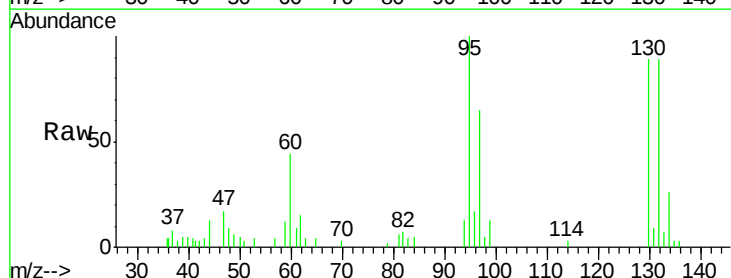
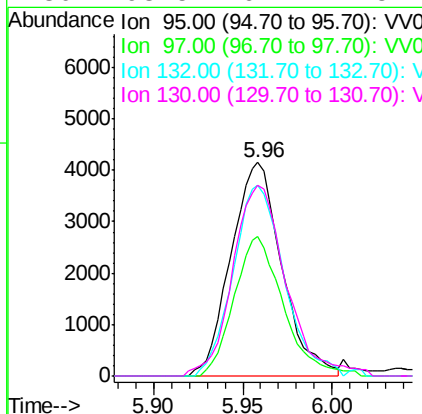
RT: 5.96 min Scan# 1514

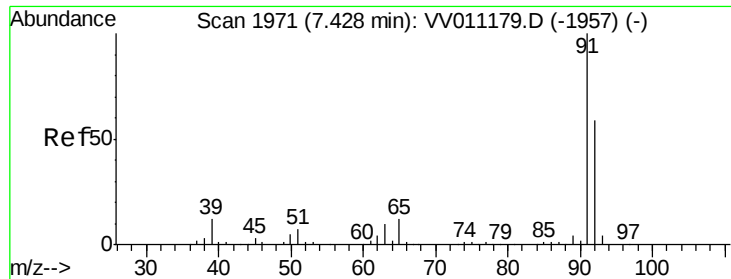
Delta R.T. 0.00 min

Lab File: VV011181.D

Acq: 31 May 2019 16:43

Tgt Ion:	95	Resp:	8243
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.4	82.5
132	89.7	66.0	122.6
130	93.5	67.4	125.2





#44

Toluene

Concen: 0.761 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011181.D

Acq: 31 May 2019 16:43

Instrument :

MSVOA_V

ClientSampleId :

A51F3RE

Tot Ion: 91 Resp: 12727

Ion Ratio Lower Upper

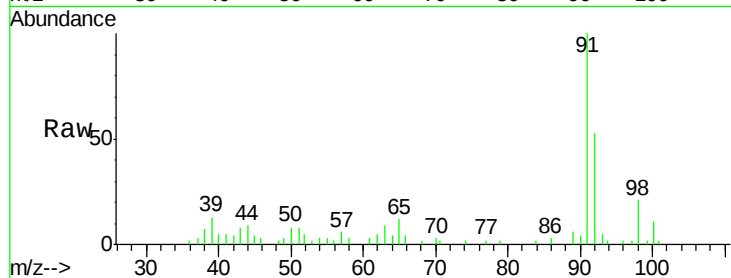
91 100

92 53.0 39.9 74.1

Manual Integrations
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6/3/2019 7:08:46 AM



Abundance Ion 91.00 (90.70 to 91.70): VV011181.D (-1868) (-)

Ion 92.00 (91.70 to 92.70): VV011181.D (-1868) (-)

7.43

8000

6000

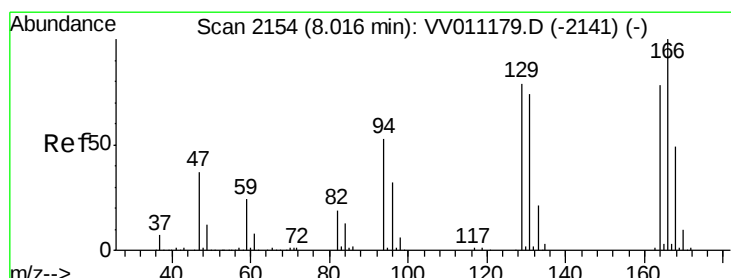
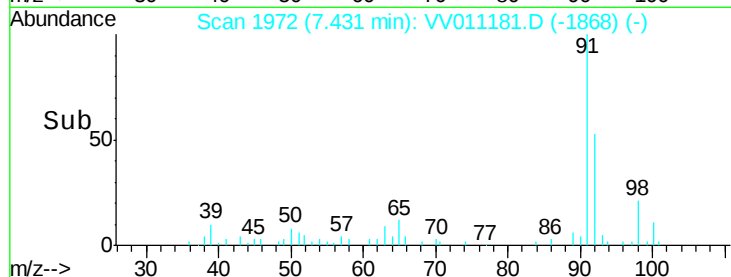
4000

2000

0

7.35 7.40 7.45 7.50

Time-->



#47

Tetrachloroethene

Concen: 11.197 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011181.D

Acq: 31 May 2019 16:43

Tgt Ion: 164 Resp: 33320

Ion Ratio Lower Upper

164 100

129 91.9 69.1 128.3

131 94.2 65.5 121.6

166 124.6 93.2 173.0

Abundance Ion 164.00 (163.70 to 164.70): VV011181.D (-2051) (-)

Ion 129.00 (128.70 to 129.70): VV011181.D (-2051) (-)

Ion 131.00 (130.70 to 131.70): VV011181.D (-2051) (-)

Ion 166.00 (165.70 to 166.70): VV011181.D (-2051) (-)

30000

20000

10000

0

7.95 8.00 8.05 8.10

Time-->

