

Data File : VV012183.D
Acq On : 10 Aug 2019 05:21
Operator : SY/MD
Sample : K4248-21
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B85

Quant Time: Aug 10 09:07:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	255488	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	237235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41322	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.92%
7) Chloroethane-d5	1.58	69	28948	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	59818	33.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.34%
21) 2-Butanone-d5	3.94	46	20357	43.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	43.80%
24) Chloroform-d	4.40	84	80336	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
26) 1,2-Dichloroethane-d4	5.08	65	57763	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
32) Benzene-d6	5.10	84	181131	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.12	67	48897	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.74%
41) Toluene-d8	7.36	98	166927	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%
43) trans-1,3-Dichloropropene-	7.66	79	23698	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.42%
47) 2-Hexanone-d5	8.13	63	36725	95.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	66399	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.67	152	61559	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%

Target Compounds

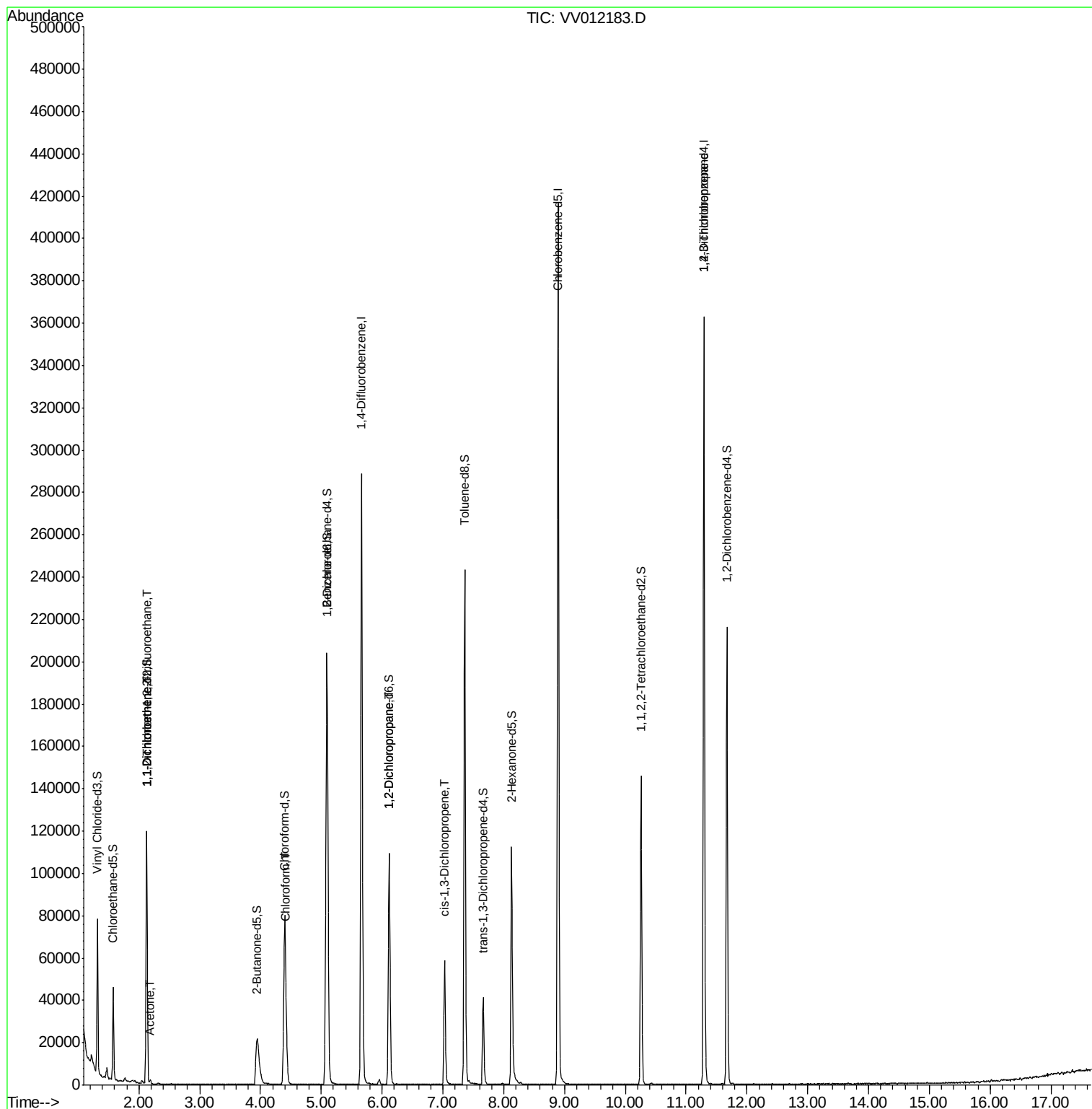
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	666	0.591 ug/L #	14
12) 1,1-Dichloroethene	2.13	96	670	0.646 ug/L #	1
13) Acetone	2.19	43	629	0.932 ug/L	62
25) Chloroform	4.42	83	12276	4.110 ug/L	92
37) 1,2-Dichloropropane	6.12	63	5849	4.055 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1615	0.649 ug/L #	66
59) 1,2,3-Trichloropropene	11.29	75	8857	4.551 ug/L #	81

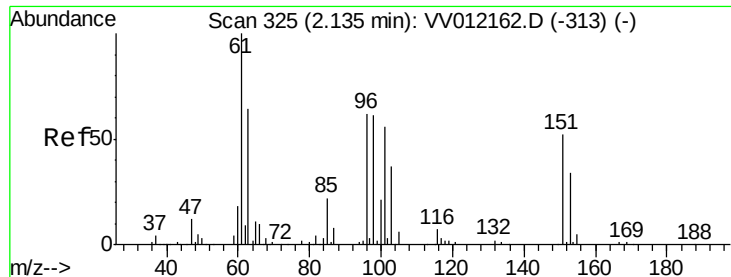
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.591 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

F2B85

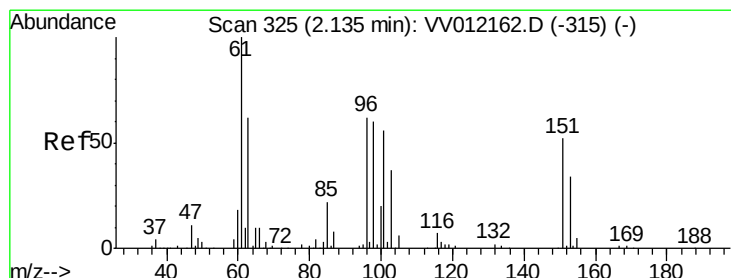
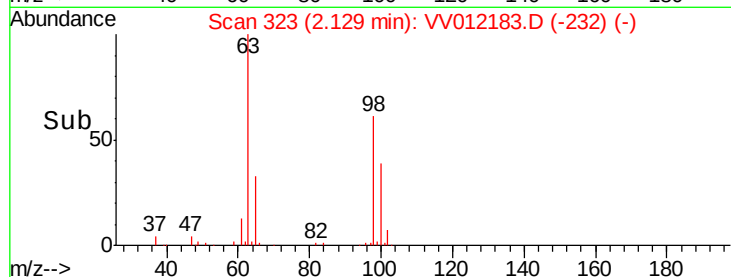
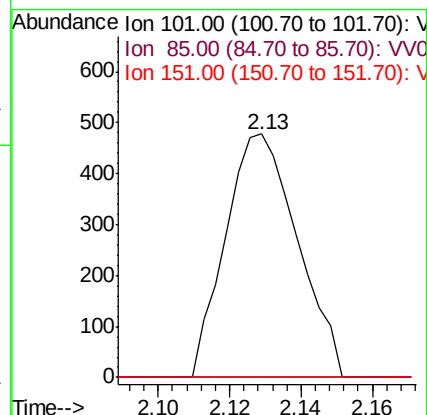
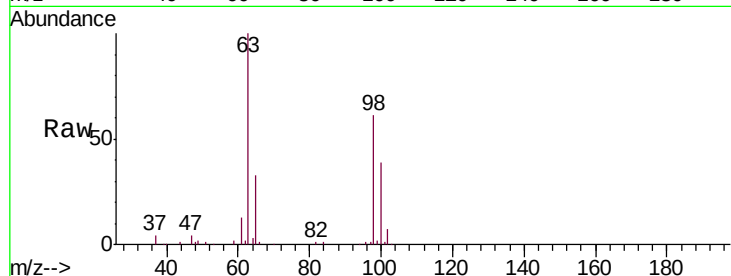
Tgt Ion: 101 Resp: 666

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 71.8 107.8#



#12

1,1-Dichloroethene

Concen: 0.646 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012183.D

Acq: 10 Aug 2019 05:21

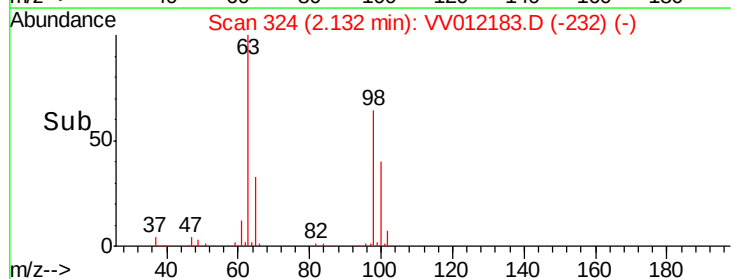
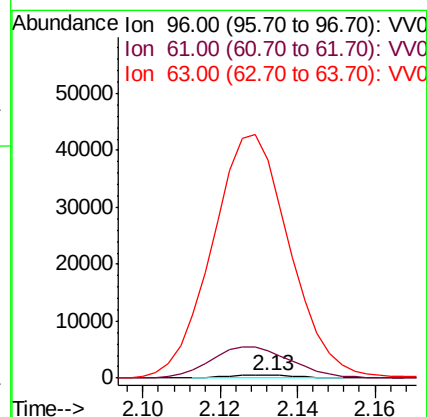
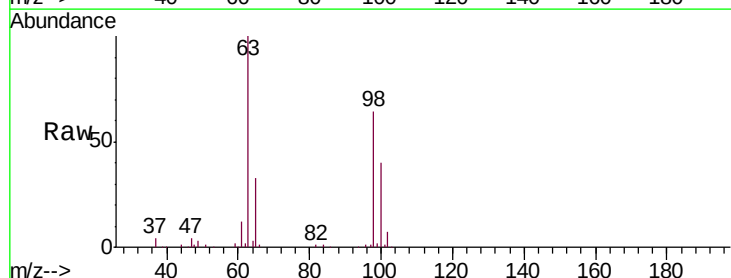
Tgt Ion: 96 Resp: 670

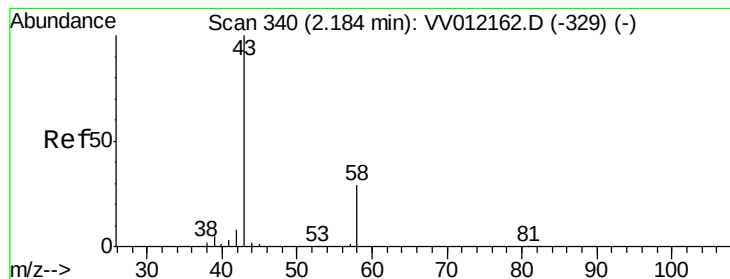
Ion Ratio Lower Upper

96 100

61 985.6 115.1 213.8#

63 7991.7 83.9 155.7#





#13

Acetone

Concen: 0.932 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV012183.D

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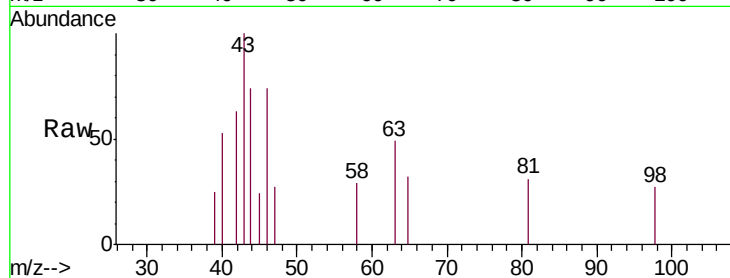
Instrument :
MSVOA_V
ClientSampleId :
F2B85

Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

43 100

58 10.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

400

300

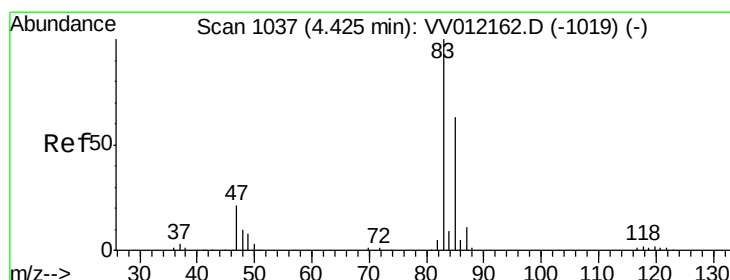
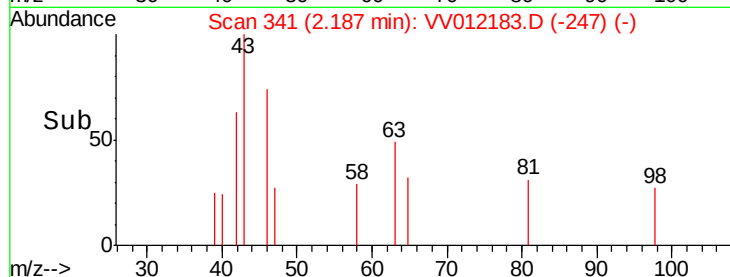
200

100

0

2.16 2.18 2.20 2.22

Time-->



#25

Chloroform

Concen: 4.110 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012183.D

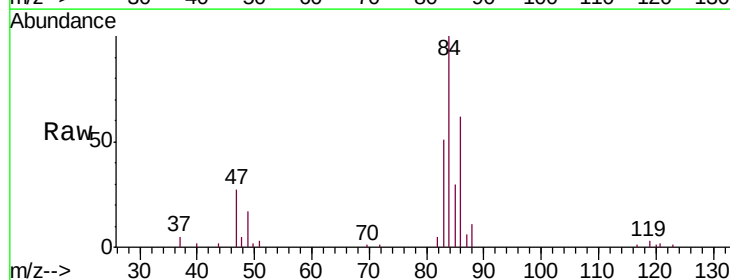
Acq: 10 Aug 2019 05:21

Tgt Ion: 83 Resp: 12276

Ion Ratio Lower Upper

83 100

85 58.9 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

6000

5000

4000

3000

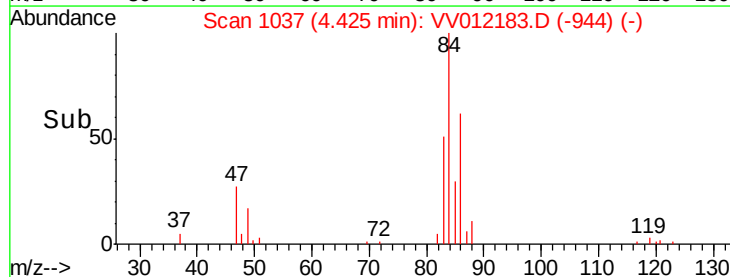
2000

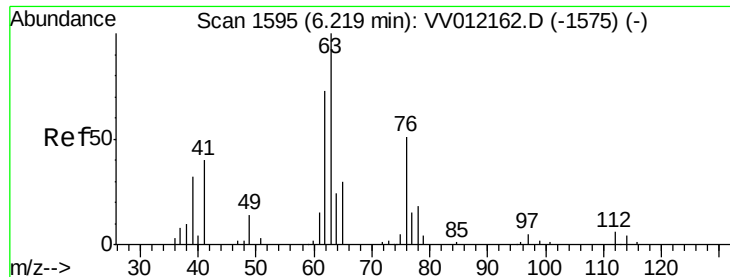
1000

0

4.35 4.40 4.45 4.50

Time-->

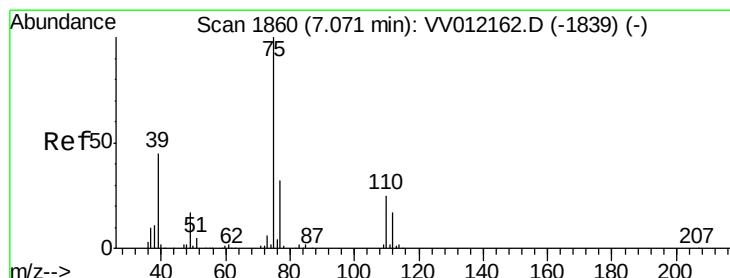
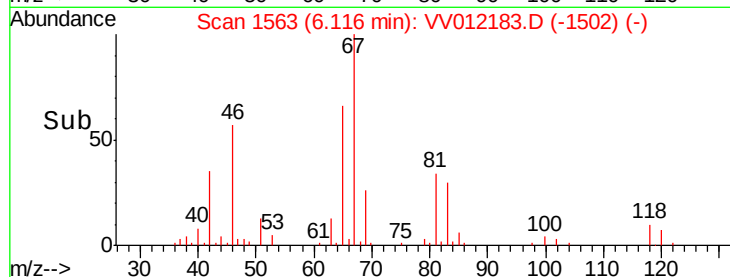
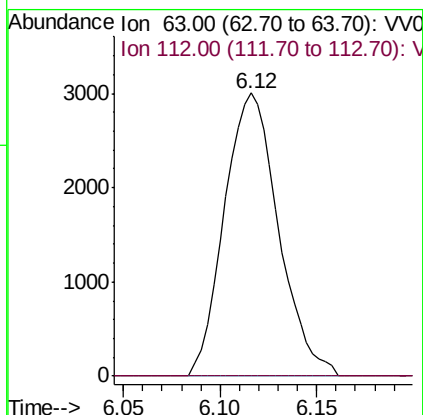
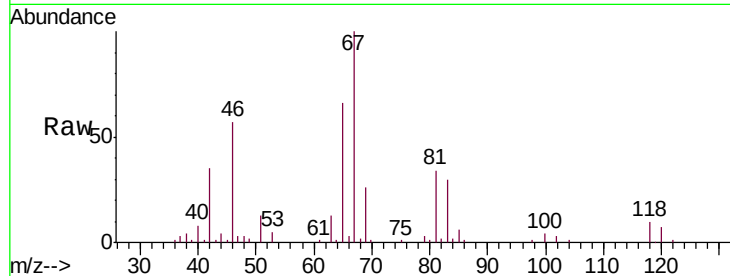




#37
 1,2-Dichloropropane
 Concen: 4.055 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012183.D
 Acq: 10 Aug 2019 05:21

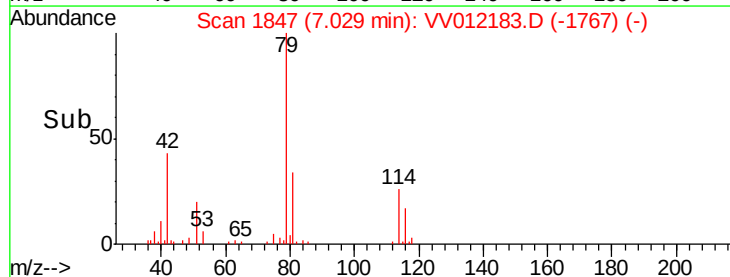
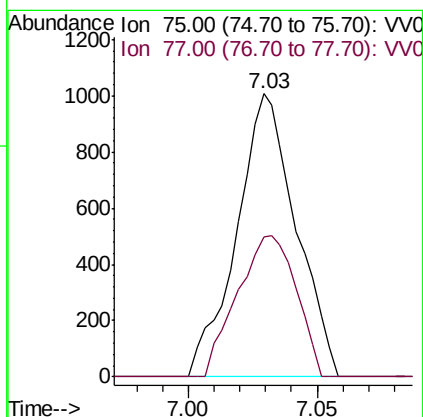
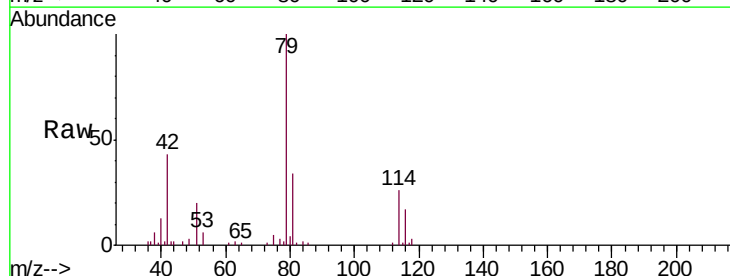
Instrument :
 MSVOA_V
 ClientSampleId :
 F2B85

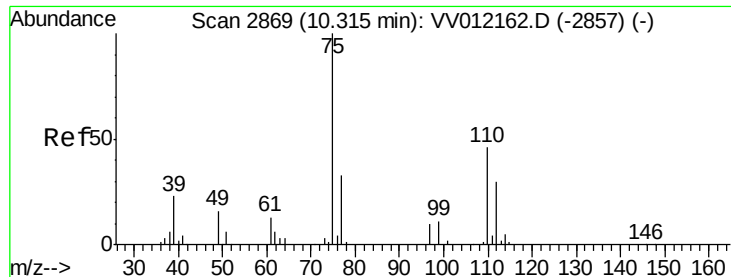
Tgt Ion: 63 Resp: 5849
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.649 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012183.D
 Acq: 10 Aug 2019 05:21

Tgt Ion: 75 Resp: 1615
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.7 40.3#





#59
 1,2,3-Trichloropropane
 Concen: 4.551 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012183.D
 Acq: 10 Aug 2019 05:21

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B85

Tgt Ion: 75 Resp: 8857
 Ion Ratio Lower Upper
 75 100
 77 43.4 26.3 39.5#

