

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011333.D
 Acq On : 08 Jun 2019 22:10
 Operator : SY/MD
 Sample : K3276-11
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E7

Quant Time: Jun 09 00:14:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140267	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43650	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.56	69	36361	4.12	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	71229	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.95	46	115224	48.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.30%
24) Chloroform-d	4.40	84	86511	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	48763	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	174905	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	53937	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	153178	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	15965	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.14	63	85990	45.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34206	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	47333	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

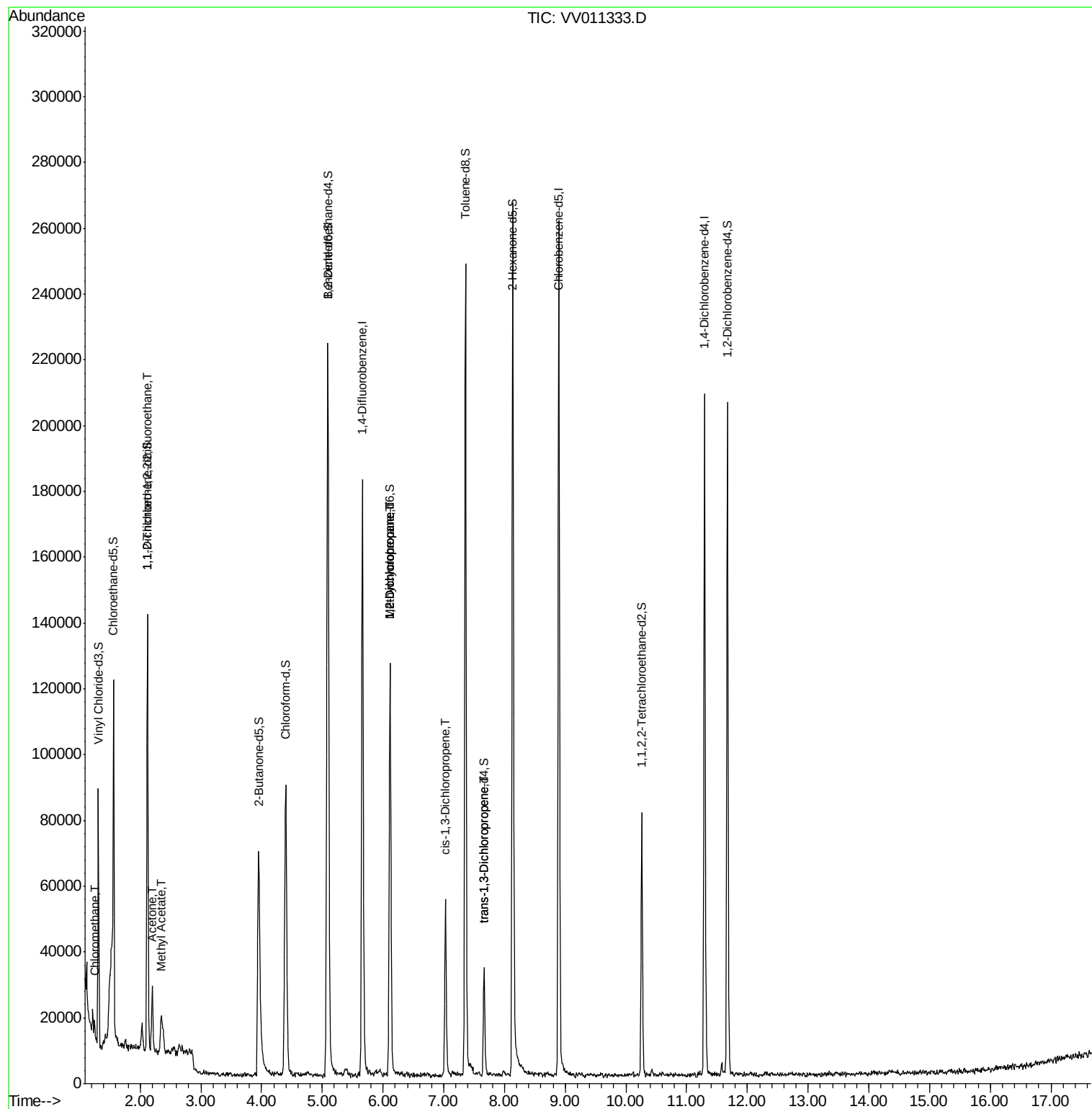
					Qvalue
3) Chloromethane	1.25	50	2799	0.209 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	740	0.081 ug/L #	24
13) Acetone	2.20	43	8860	5.522 ug/L	86
15) Methyl Acetate	2.34	43	5825	1.367 ug/L #	54
35) Methylcyclohexane	6.12	83	13301	0.763 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6828	0.672 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1584	0.107 ug/L #	52
44) trans-1,3-Dichloropropene	7.67	75	1001	0.089 ug/L #	82

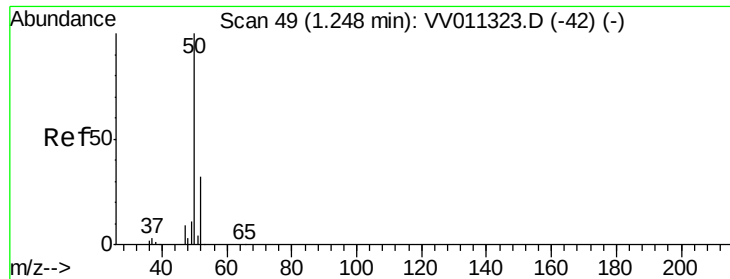
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.209 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011333.D

Acq: 08 Jun 2019 22:10

Instrument :

MSVOA_V

ClientSampleId :

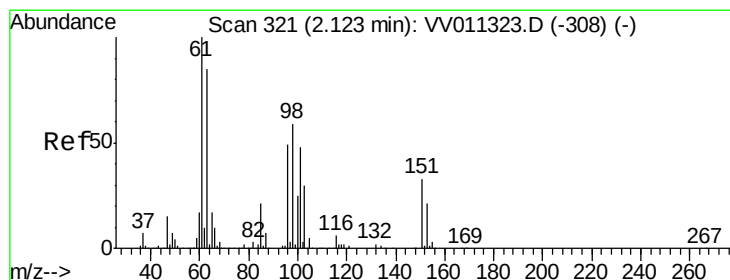
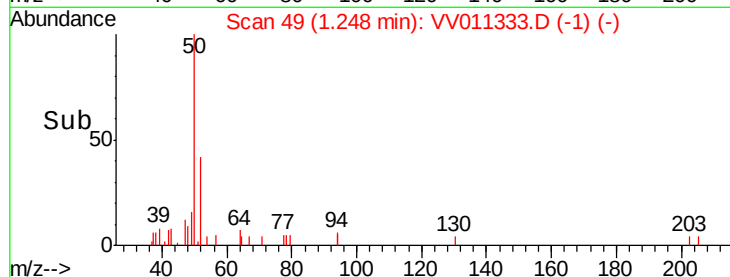
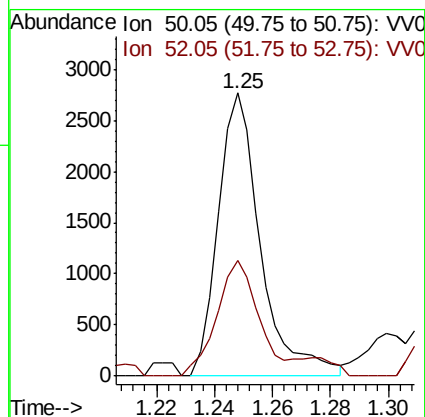
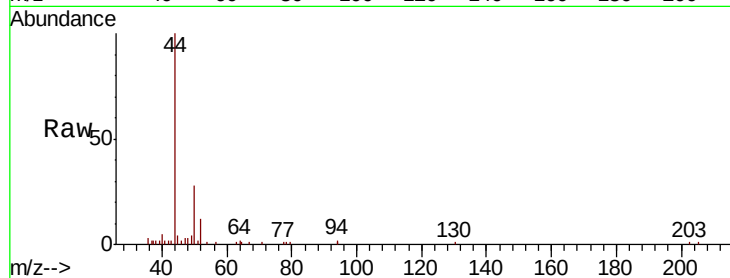
DB8E7

Tgt Ion: 50 Resp: 2799

Ion Ratio Lower Upper

50 100

52 40.7 22.3 41.5



#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011333.D

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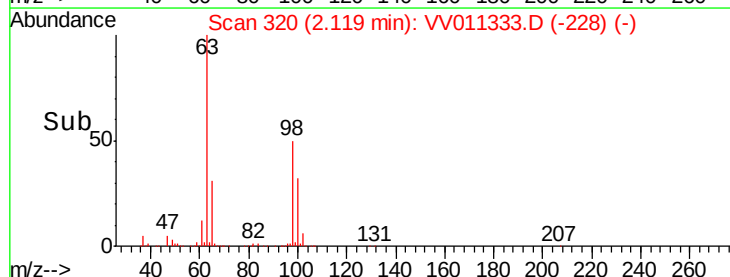
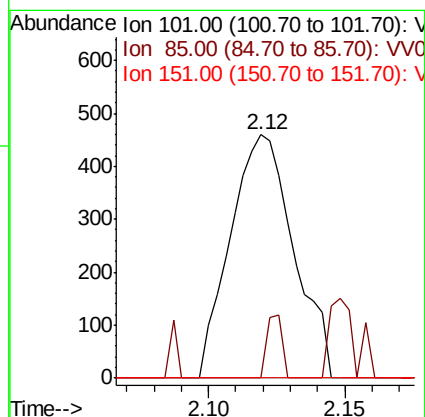
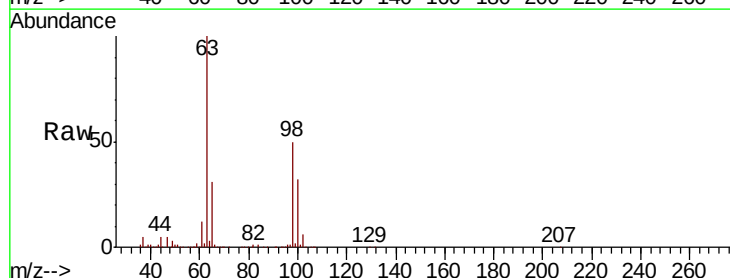
Tgt Ion: 101 Resp: 740

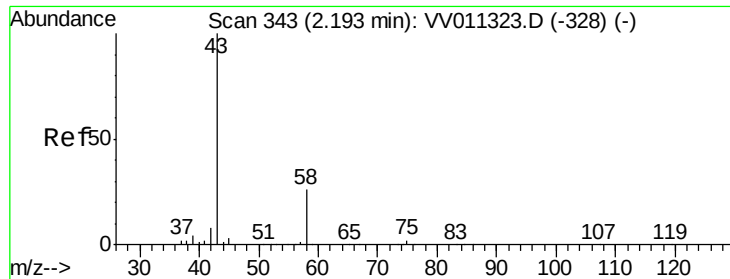
Ion Ratio Lower Upper

101 100

85 6.1 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 5.522 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011333.D

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Instrument :

MSVOA_V

ClientSampleId :

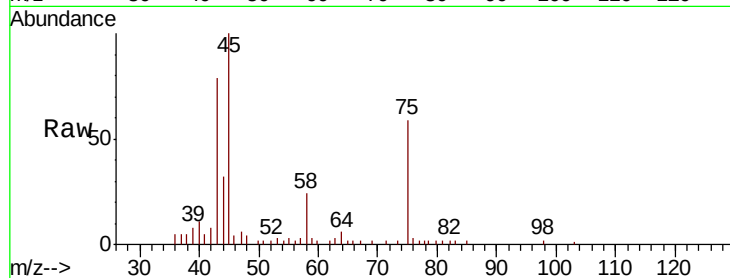
DB8E7

Tgt Ion: 43 Resp: 8860

Ion Ratio Lower Upper

43 100

58 35.1 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

6000

5000

4000

3000

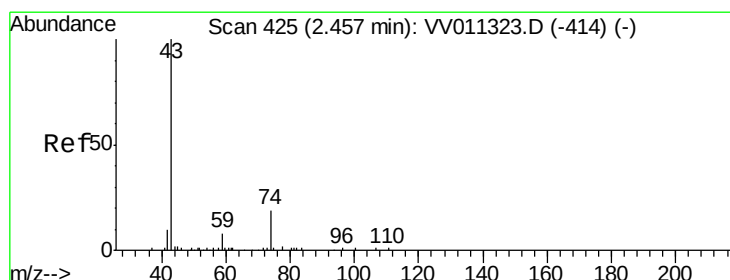
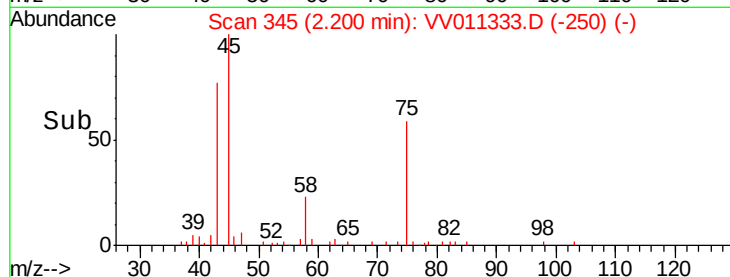
2000

1000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 1.367 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.11 min

Lab File: VV011333.D

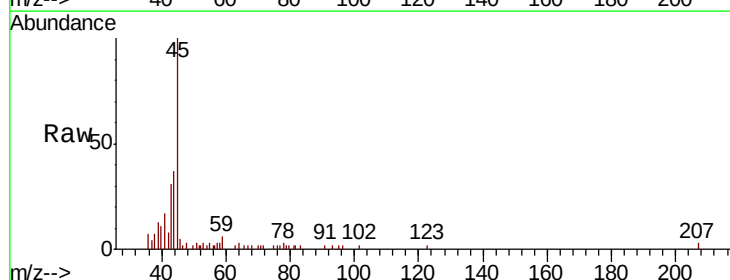
Acq: 08 Jun 2019 22:10

Tgt Ion: 43 Resp: 5825

Ion Ratio Lower Upper

43 100

74 0.7 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.34

2000

1500

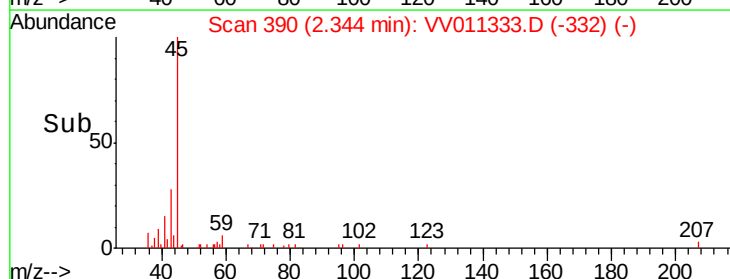
1000

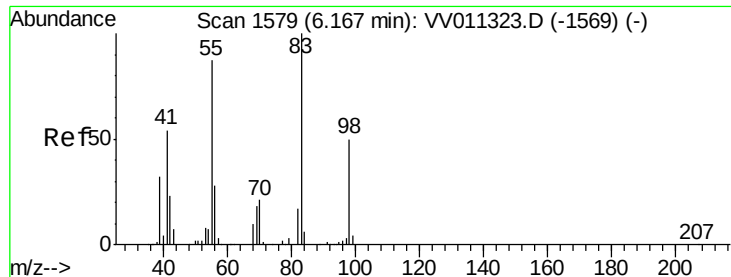
500

0

Time-->

2.25 2.30 2.35 2.40 2.45

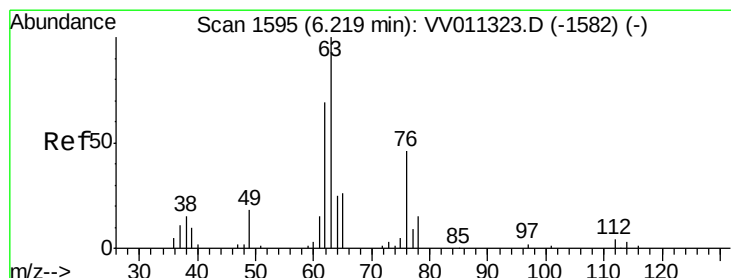
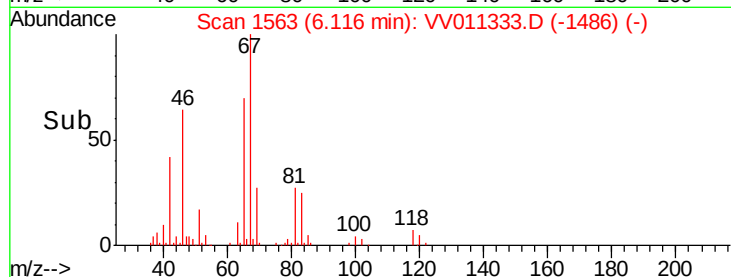
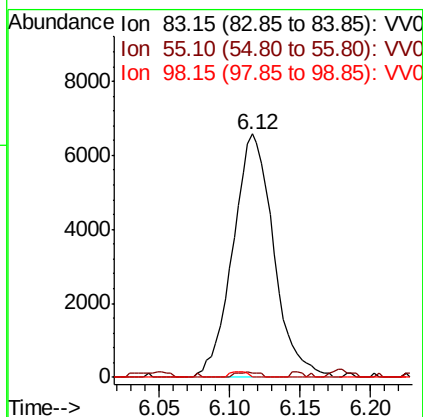
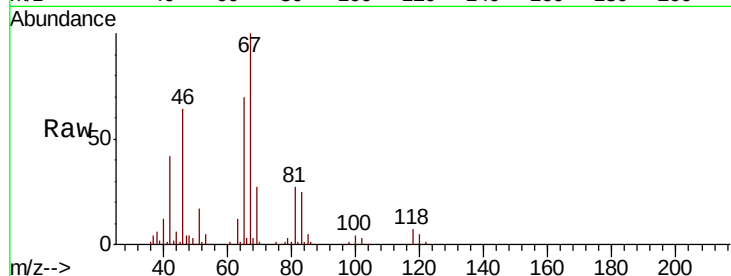




#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011333.D
Acq: 08 Jun 2019 22:10

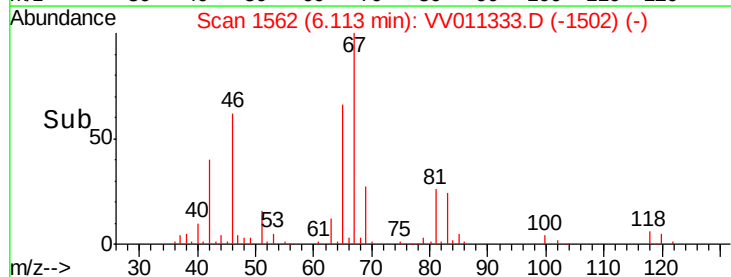
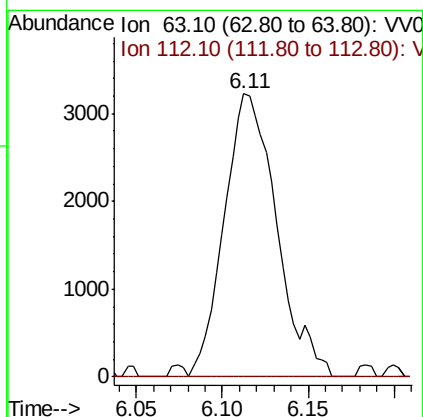
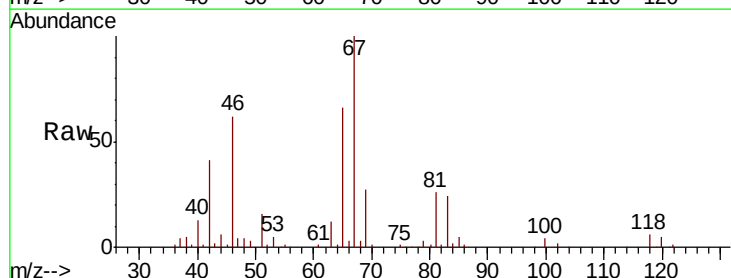
Instrument :
MSVOA_V
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DB8E7

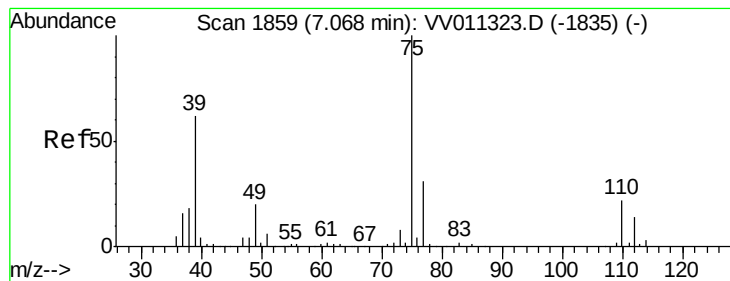
Tgt Ion: 83 Resp: 13301
Ion Ratio Lower Upper
83 100
55 1.2 67.0 100.6#
98 1.0 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011333.D
Acq: 08 Jun 2019 22:10

Tgt Ion: 63 Resp: 6828
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



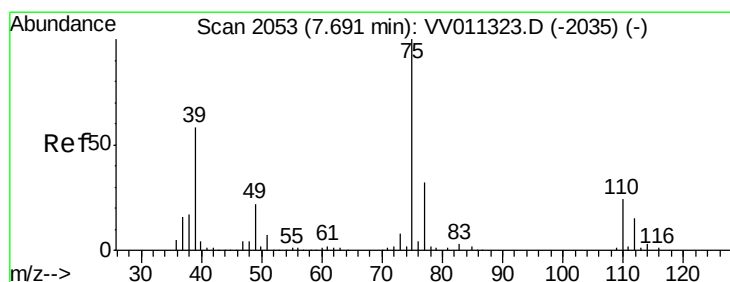
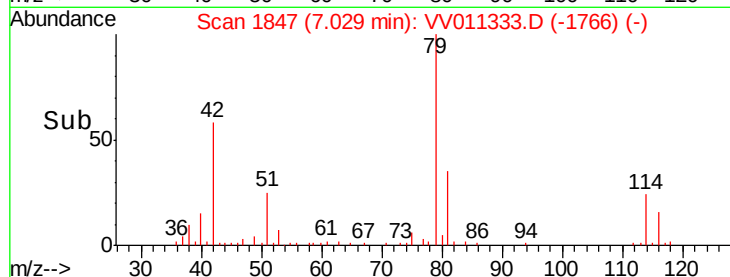
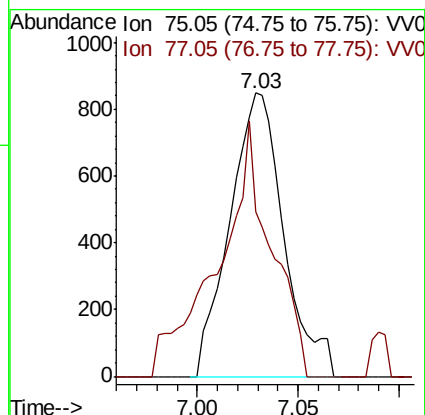
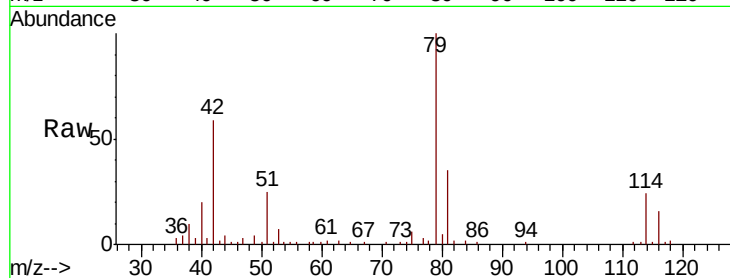


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011333.D
 Acq: 08 Jun 2019 22:10

Instrument :
 MSVOA_V
 ClientSampleID :
 DB8E7

Tgt Ion: 75 Resp: 1584
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.2 41.2#



#44

trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011333.D
 Acq: 08 Jun 2019 22:10

Tgt Ion: 75 Resp: 1001
 Ion Ratio Lower Upper
 75 100
 77 43.2 23.1 42.9#

