

Data File : VV012257.D
Acq On : 15 Aug 2019 19:00
Operator : SY/MD
Sample : K4337-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB8

Quant Time: Aug 16 04:25:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71068	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39006	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	28634	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	52310	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	65527	32.38	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.76%
24) Chloroform-d	4.40	84	85385	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	45964	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	169064	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	48379	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.36	98	157987	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	19731	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	60019	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35733	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	66451	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

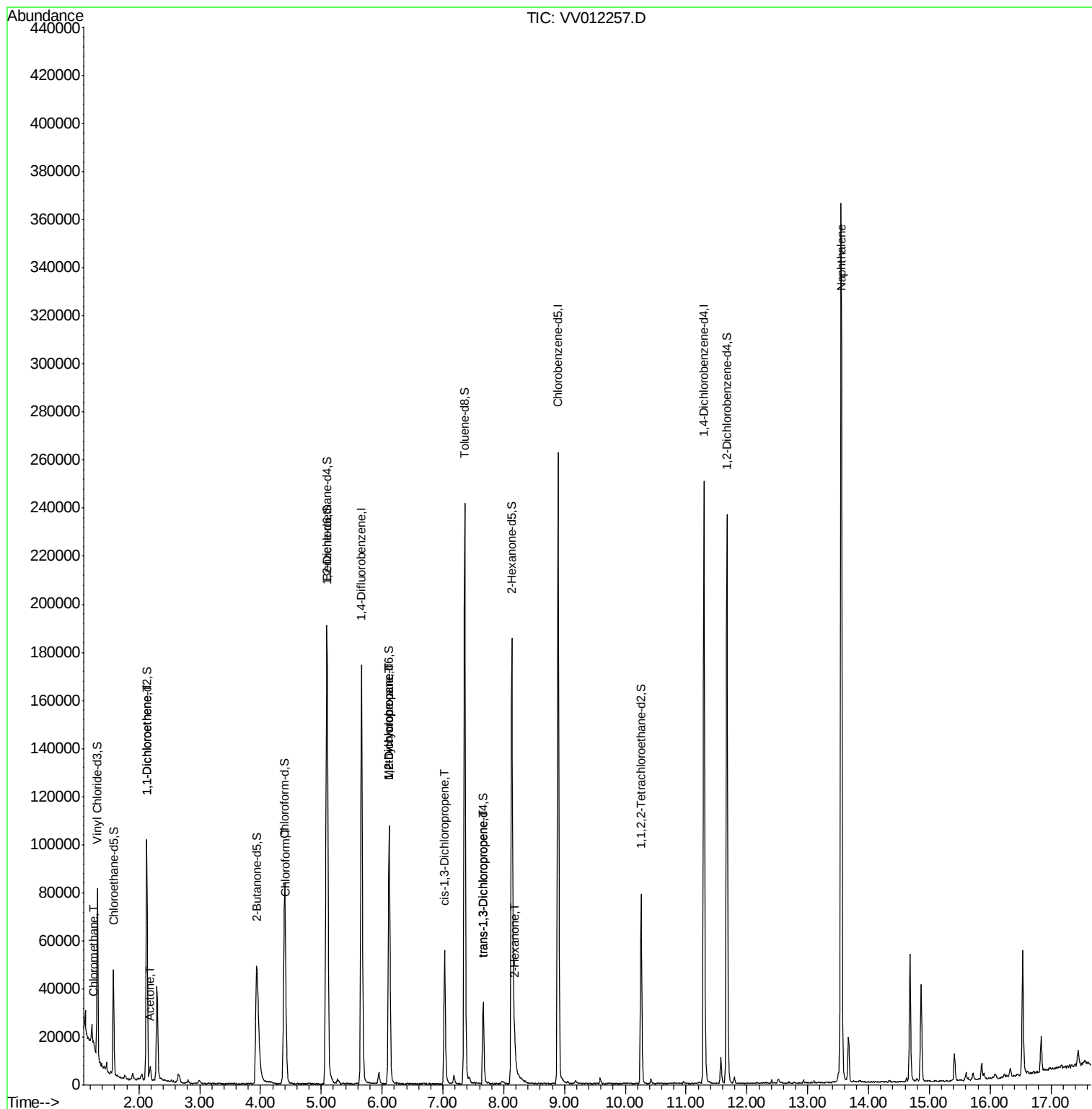
						Qvalue
3) Chloromethane	1.25	50	1405	0.106	ug/L	93
12) 1,1-Dichloroethene	2.13	96	596	0.074	ug/L #	1
13) Acetone	2.18	43	4030	3.195	ug/L	100
25) Chloroform	4.42	83	2648	0.119	ug/L	91
35) Methylcyclohexane	6.12	83	12703	0.667	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5806	0.514	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1584	0.102	ug/L #	78
44) trans-1,3-Dichloropropene	7.66	75	882	0.072	ug/L #	67
48) 2-Hexanone	8.18	43	8150	1.862	ug/L #	91
69) Naphthalene	13.55	128	294463	15.341	ug/L	99

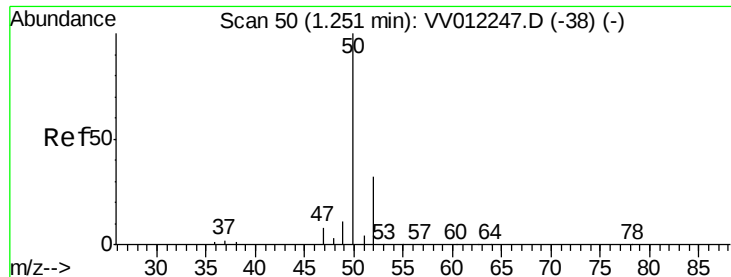
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.106 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

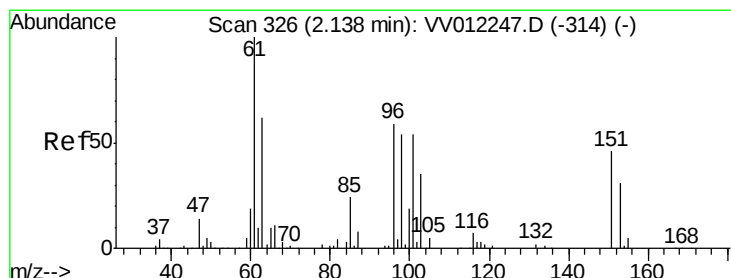
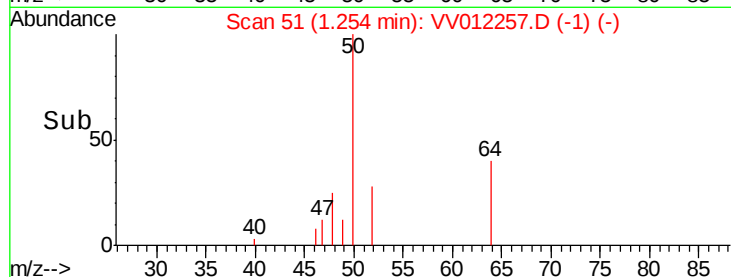
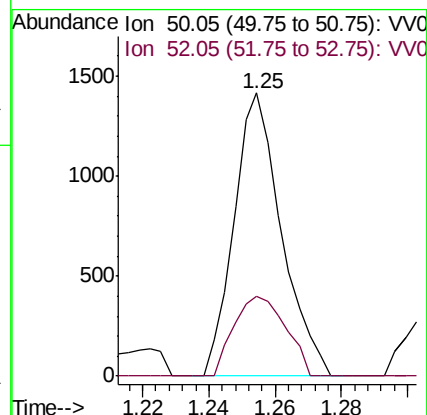
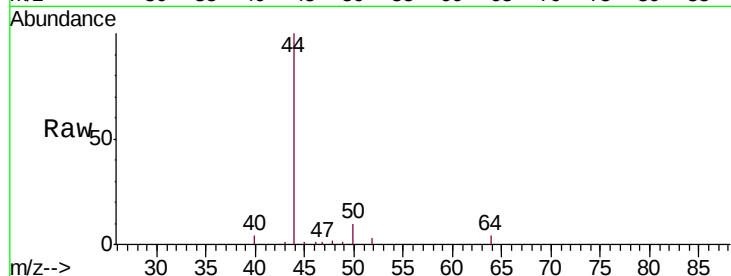
C0AB8

Tgt Ion: 50 Resp: 1405

Ion Ratio Lower Upper

50 100

52 28.2 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012257.D

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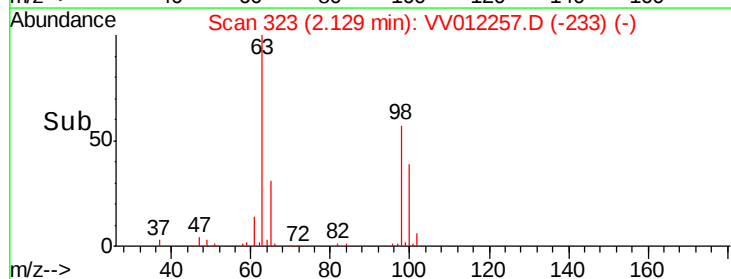
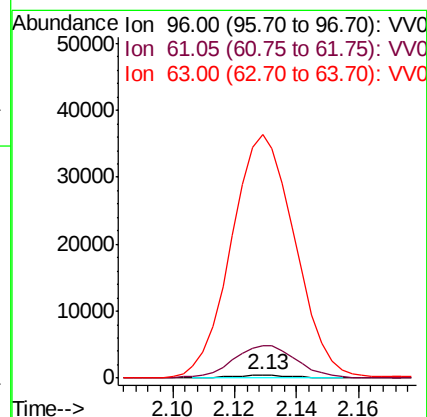
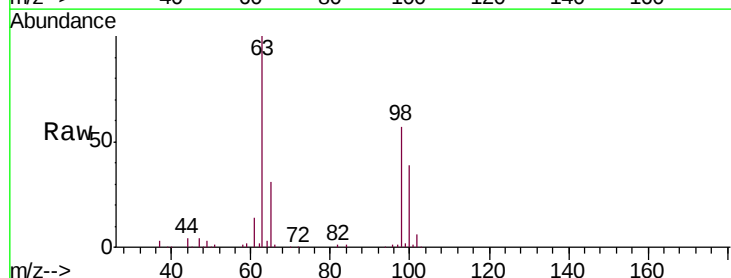
Tgt Ion: 96 Resp: 596

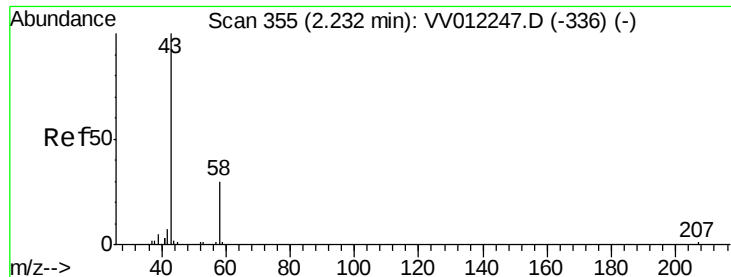
Ion Ratio Lower Upper

96 100

61 1096.4 119.3 221.5#

63 8121.4 74.9 139.1#





#13

Acetone

Concen: 3.195 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

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MSVOA_V

ClientSampleId :

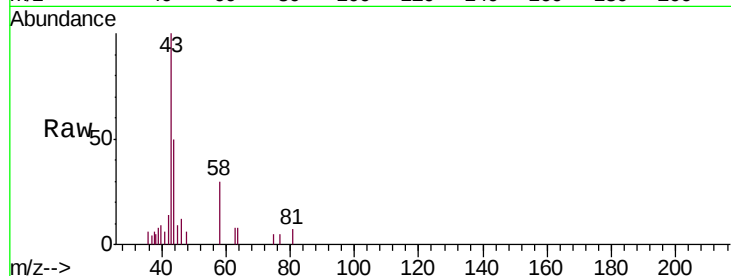
C0AB8

Tgt Ion: 43 Resp: 4030

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.18

2500

2000

1500

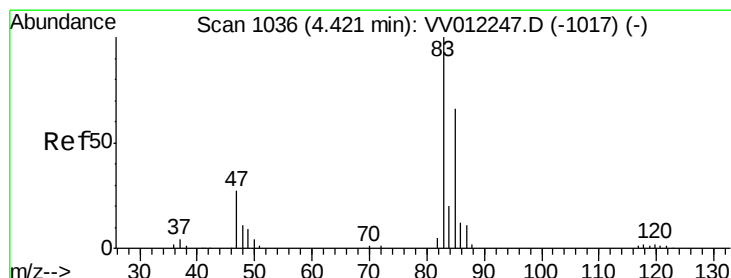
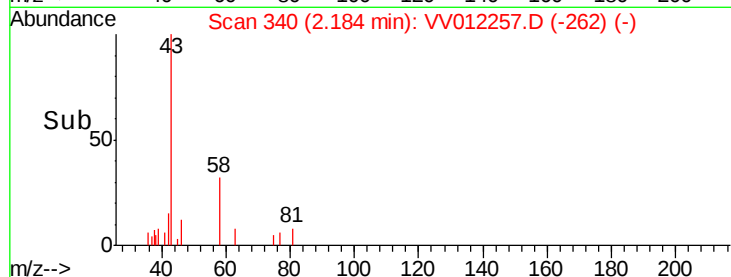
1000

500

0

Time-->

2.15 2.20



#25

Chloroform

Concen: 0.119 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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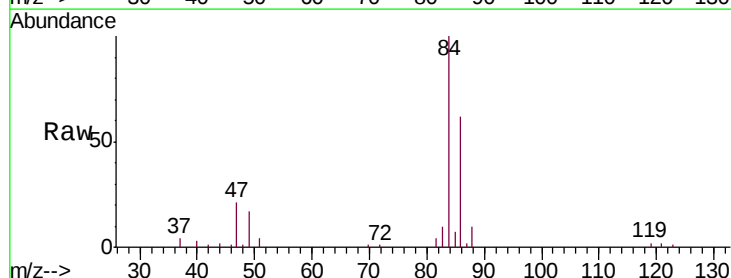
Acq: 15 Aug 2019 19:00

Tgt Ion: 83 Resp: 2648

Ion Ratio Lower Upper

83 100

85 70.7 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

1500

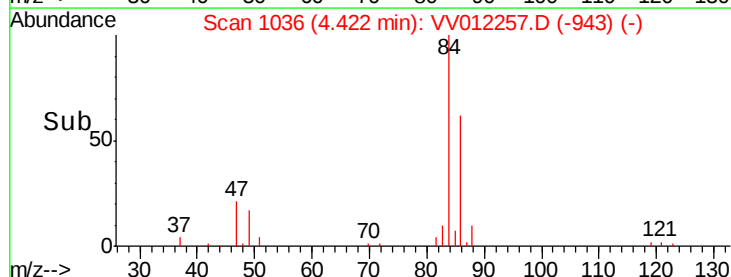
1000

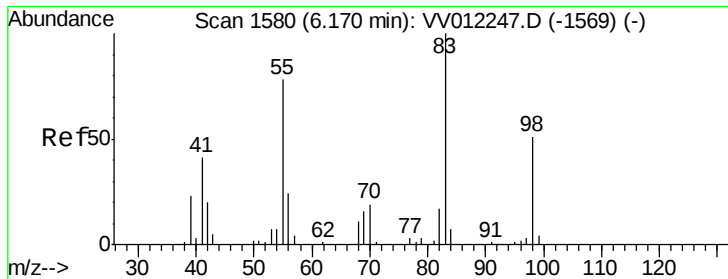
500

0

Time-->

4.40 4.45





#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012257.D

Acq: 15 Aug 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

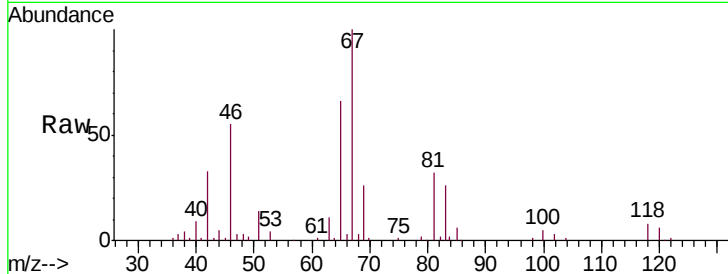
Tgt Ion: 83 Resp: 12703

Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.2#

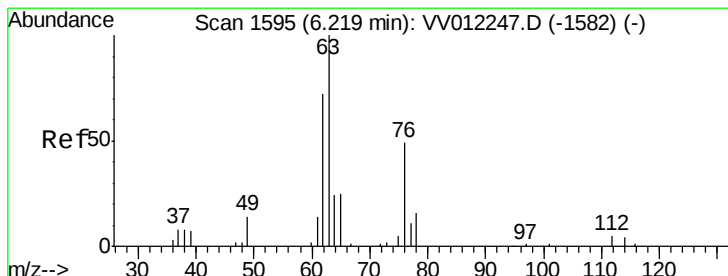
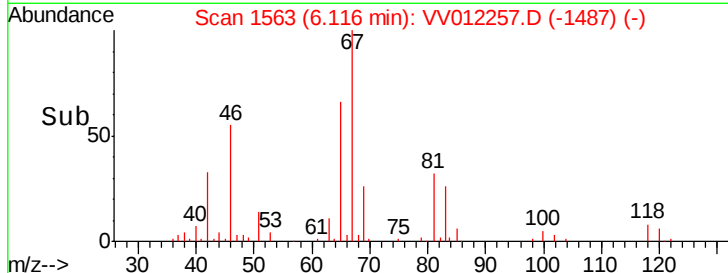
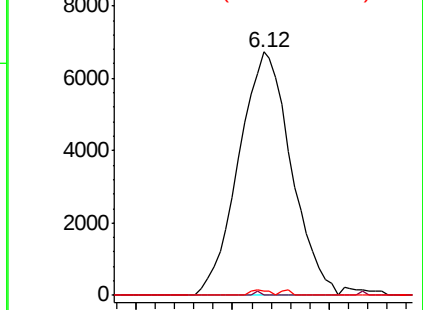
98 0.7 39.2 58.8#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012257.D

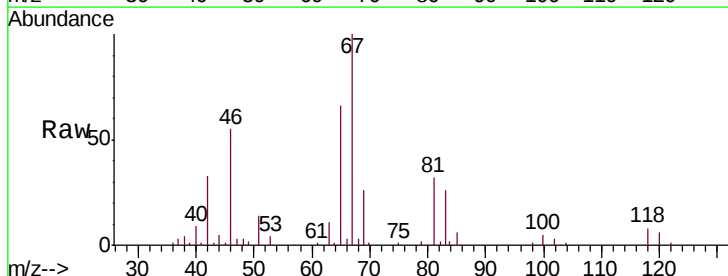
Acq: 15 Aug 2019 19:00

Tgt Ion: 63 Resp: 5806

Ion Ratio Lower Upper

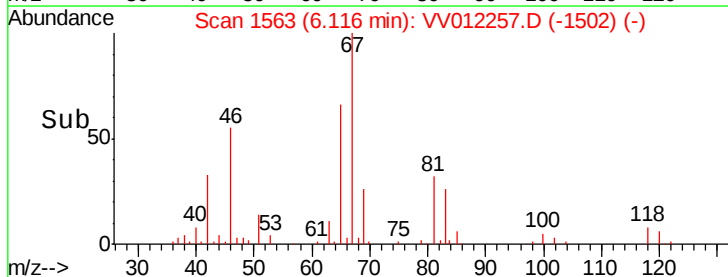
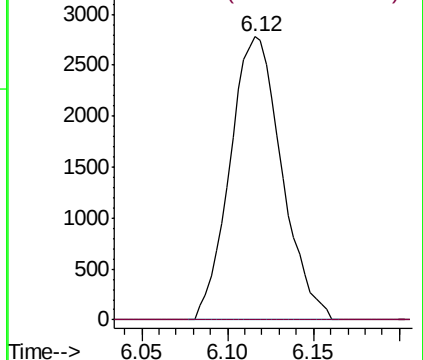
63 100

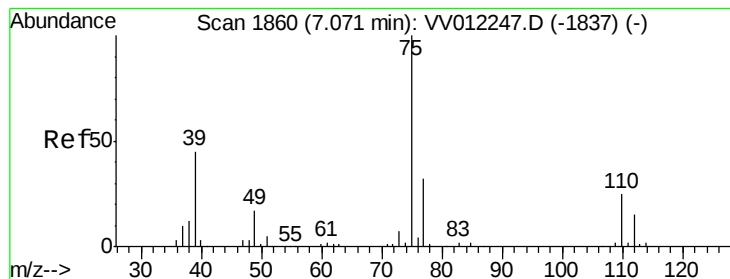
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



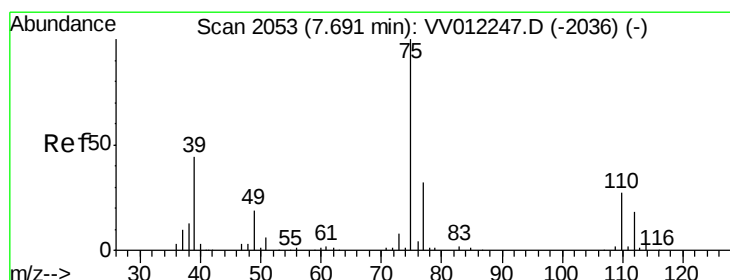
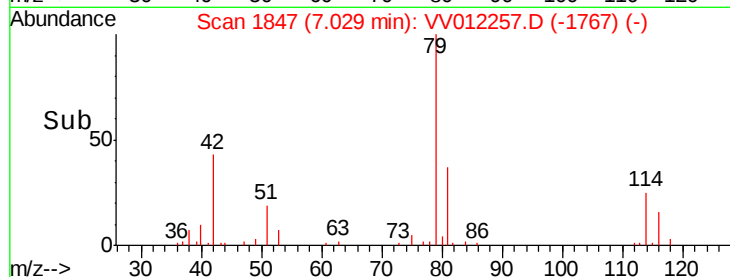
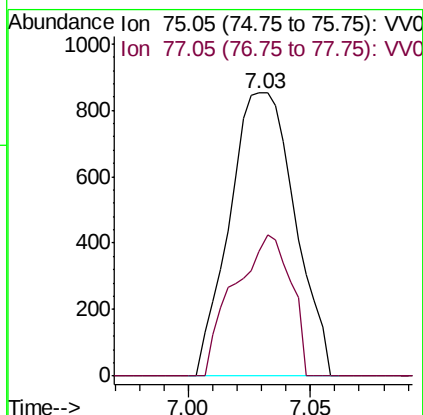
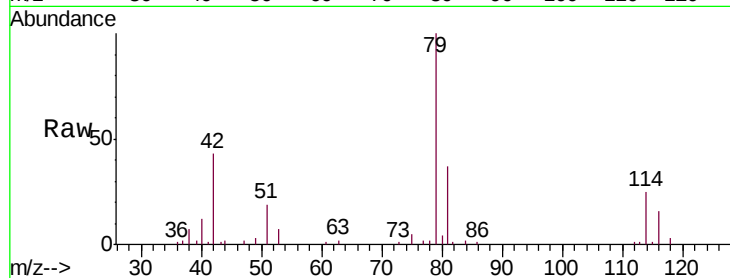


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012257.D
Acq: 15 Aug 2019 19:00

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ClientSampleId :
C0AB8

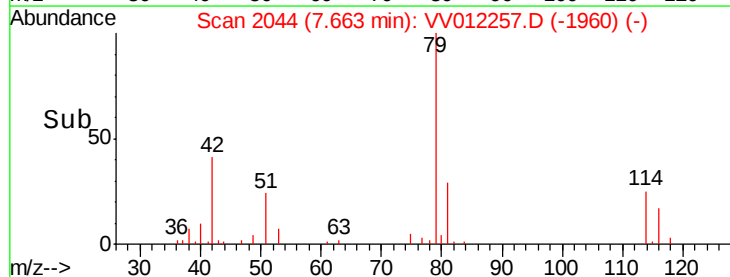
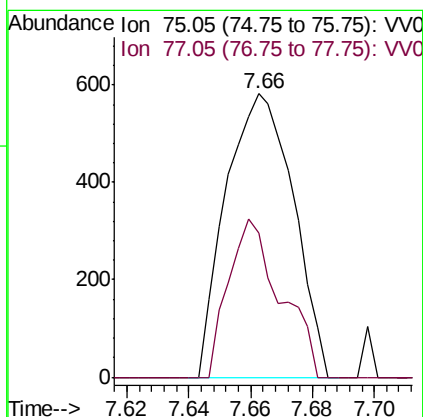
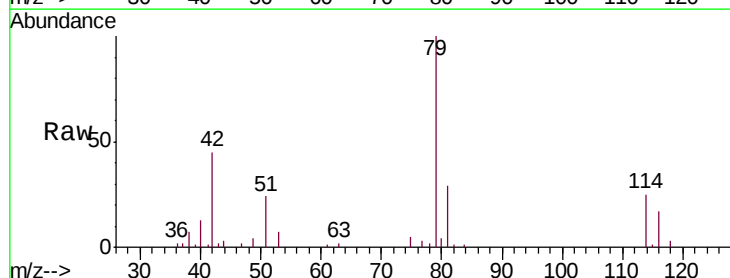
Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
77 44.1 22.2 41.2#

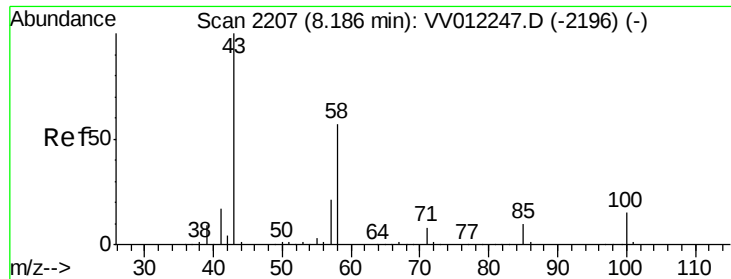


#44

trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012257.D
Acq: 15 Aug 2019 19:00

Tgt Ion: 75 Resp: 882
Ion Ratio Lower Upper
75 100
77 50.7 22.5 41.7#

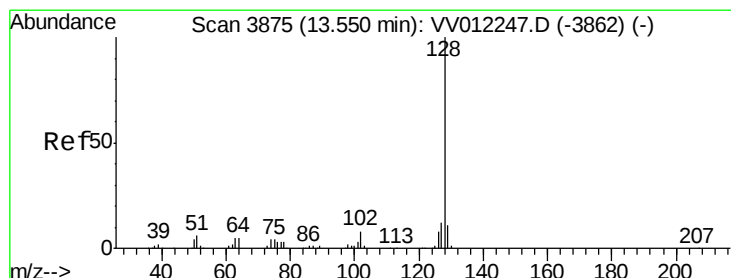
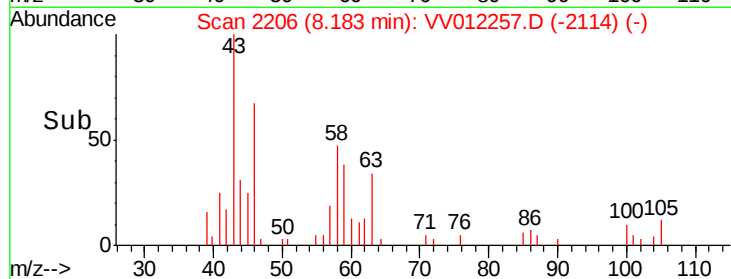
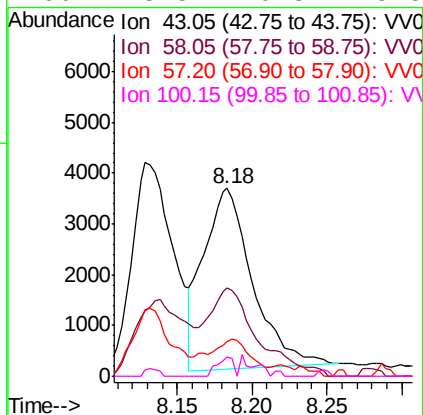
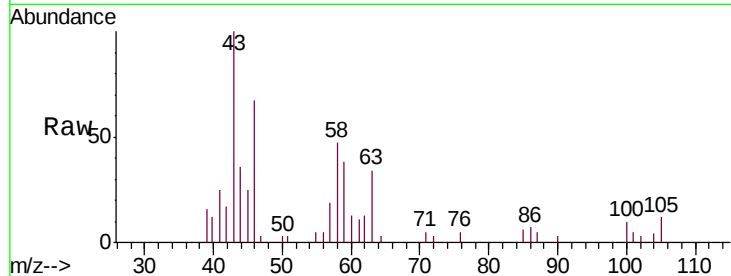




#48
2-Hexanone
Concen: 1.862 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012257.D
Acq: 15 Aug 2019 19:00

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Tgt Ion: 43 Resp: 8150
Ion Ratio Lower Upper
43 100
58 48.3 43.0 64.4
57 17.7 14.9 22.3
100 3.5 10.3 15.5#



#69
Naphthalene
Concen: 15.341 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV012257.D
Acq: 15 Aug 2019 19:00

Tgt Ion: 128 Resp: 294463
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 10.1 15.1

