

Data File : VV011595.D
Acq On : 19 Jun 2019 01:07
Operator : SY/MD
Sample : K3386-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM86

Quant Time: Jun 19 07:53:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180312	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161495	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41906	3.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.60%
7) Chloroethane-d5	1.58	69	36038	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.12	63	69680	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	3.96	46	197171	51.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	4.40	84	112921	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.08	65	69974	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.09	84	215482	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	71454	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	171917	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	18635	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.14	63	145218	49.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53041	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	58079	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

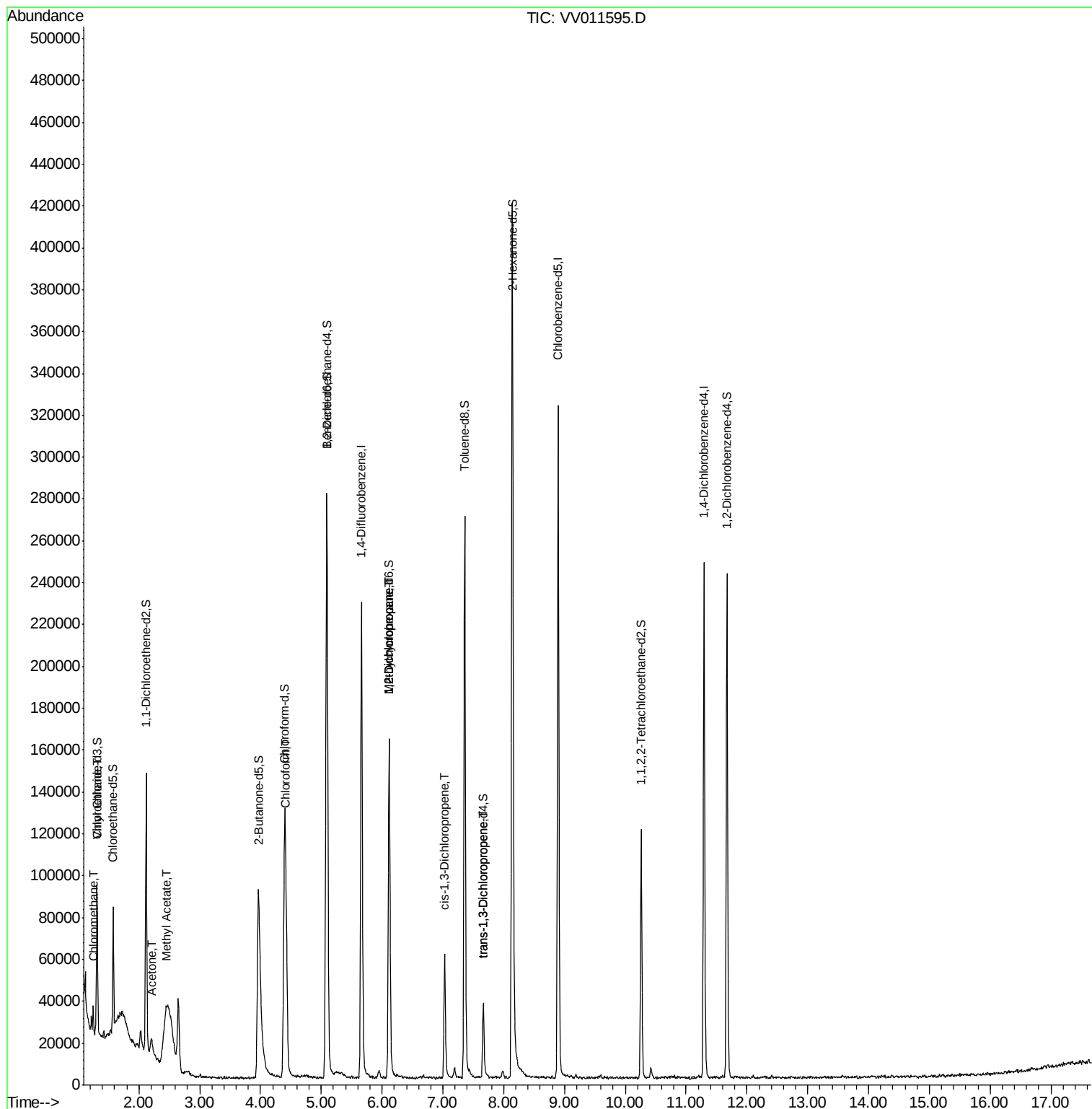
						Qvalue
3) Chloromethane	1.25	50	6499	0.373	ug/L	95
8) Chloroethane	1.32	64	1211	0.145	ug/L	84
13) Acetone	2.23	43	5831	2.259	ug/L	65
15) Methyl Acetate	2.45	43	13738	2.007	ug/L #	56
25) Chloroform	4.42	83	52256	1.985	ug/L	97
35) Methylcyclohexane	6.12	83	17515	0.913	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9203	0.655	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1947	0.110	ug/L #	61
44) trans-1,3-Dichloropropene	7.66	75	1186	0.088	ug/L #	42

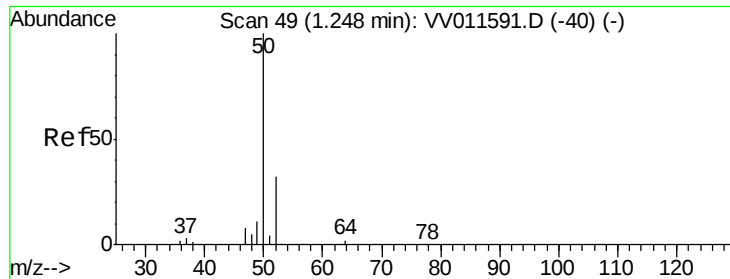
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.373 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

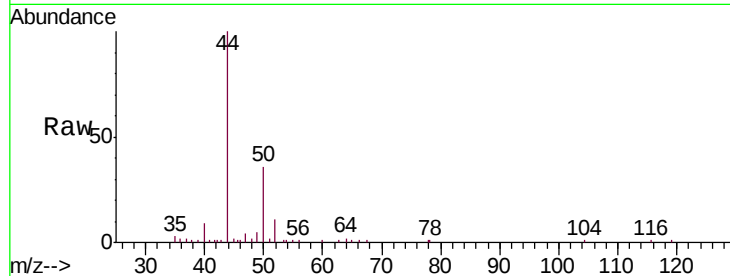
COM86

Tgt Ion: 50 Resp: 6499

Ion Ratio Lower Upper

50 100

52 29.8 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011591.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011591.D (-40) (-)

8000

6000

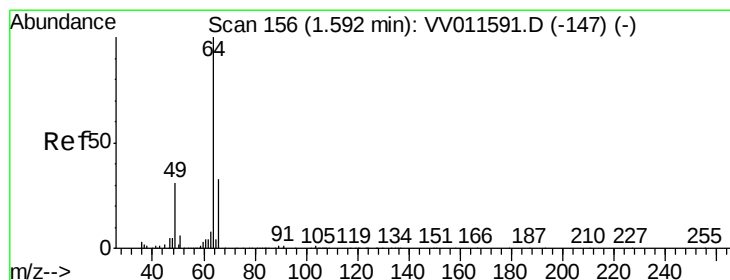
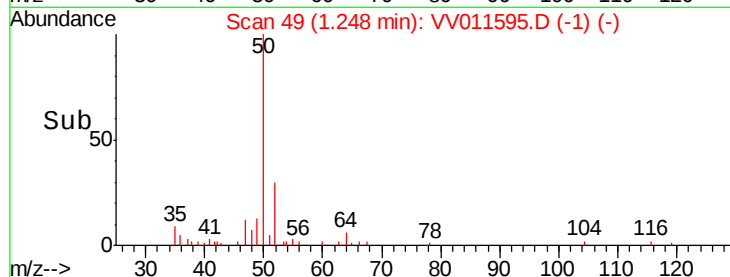
4000

2000

0

1.22 1.24 1.26 1.28

Time-->



#8

Chloroethane

Concen: 0.145 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV011595.D

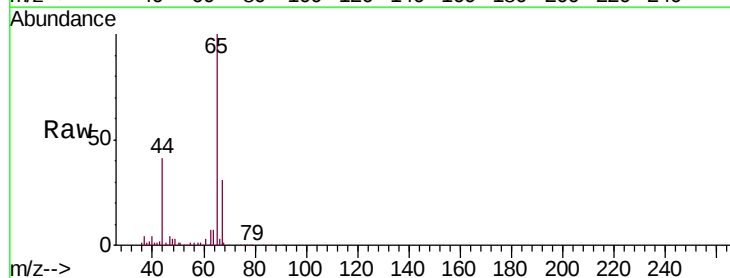
Acq: 19 Jun 2019 01:07

Tgt Ion: 64 Resp: 1211

Ion Ratio Lower Upper

64 100

66 39.9 21.6 40.2



Abundance Ion 64.10 (63.80 to 64.80): VV011591.D (-147) (-)

Ion 66.05 (65.75 to 66.75): VV011591.D (-147) (-)

3000

2500

2000

1500

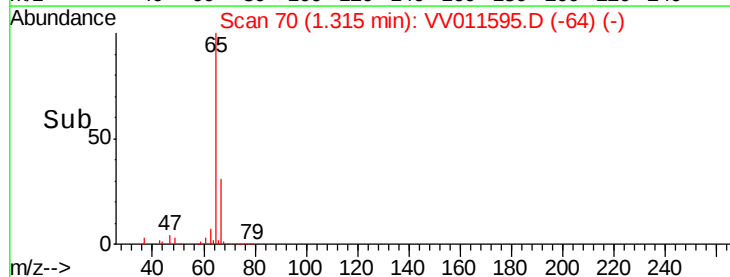
1000

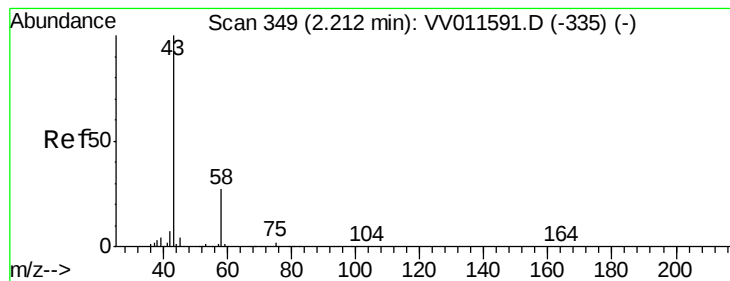
500

0

1.30 1.35

Time-->





#13

Acetone

Concen: 2.259 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV011595.D

Acq: 19 Jun 2019 01:07

Instrument :

MSVOA_V

ClientSampleId :

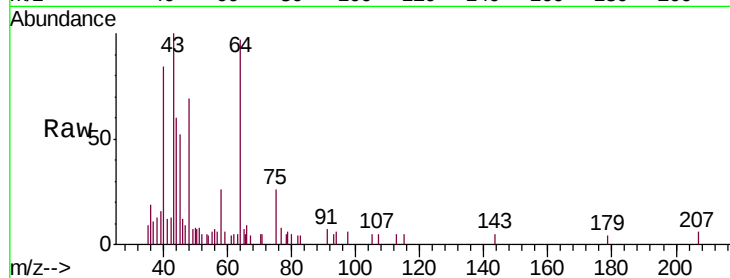
COM86

Tgt Ion: 43 Resp: 5831

Ion Ratio Lower Upper

43 100

58 10.3 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011595.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV011595.D (-335) (-)

2.23

2500

2000

1500

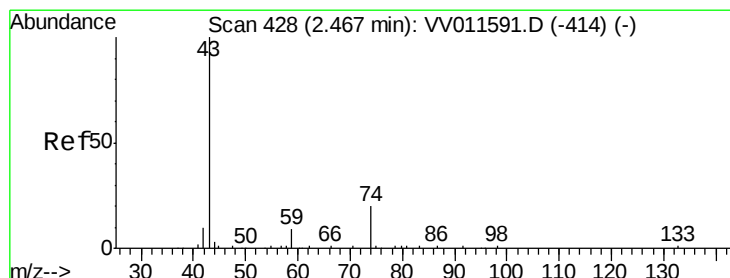
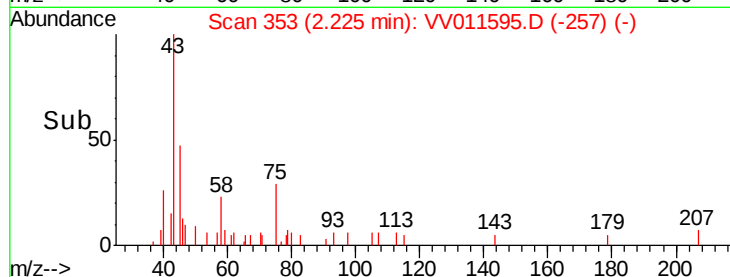
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 2.007 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.02 min

Lab File: VV011595.D

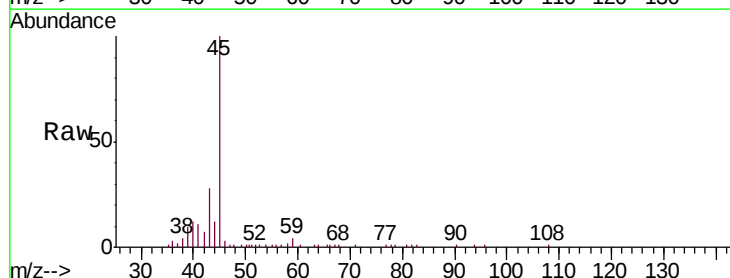
Acq: 19 Jun 2019 01:07

Tgt Ion: 43 Resp: 13738

Ion Ratio Lower Upper

43 100

74 0.4 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011595.D (-335) (-)

Ion 74.05 (73.75 to 74.75): VV011595.D (-335) (-)

2.45

6000

5000

4000

3000

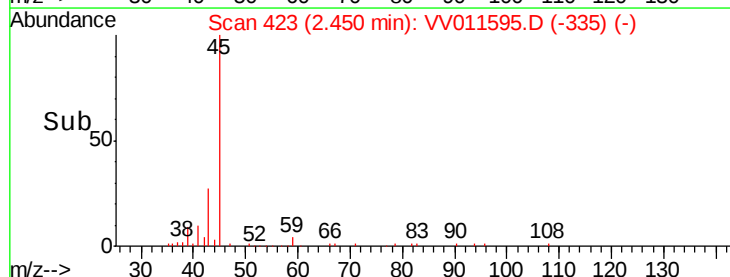
2000

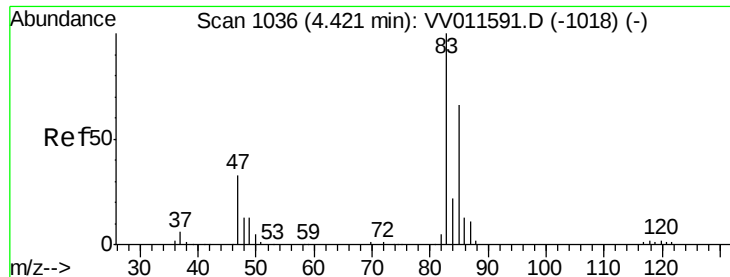
1000

0

Time-->

2.30 2.35 2.40 2.45

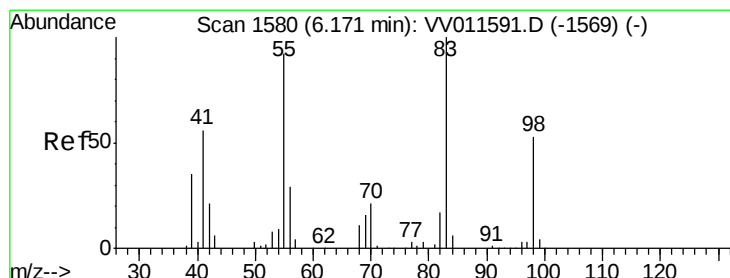
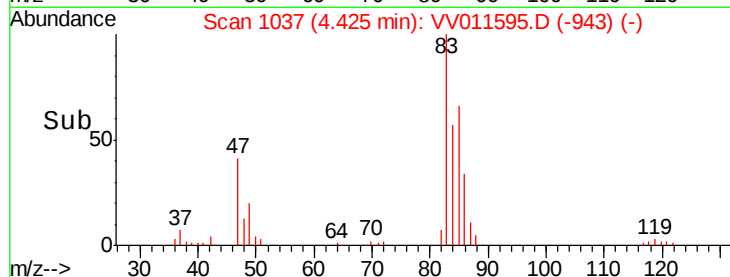
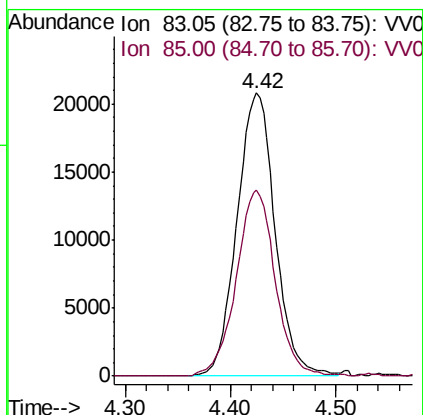
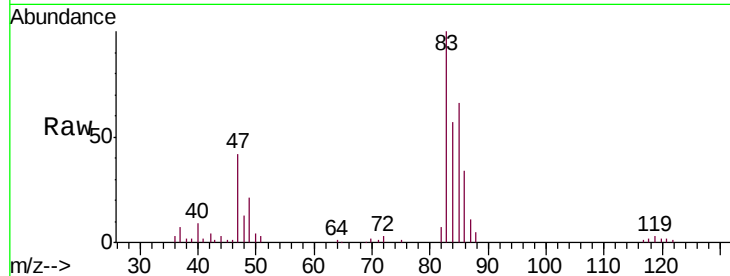




#25
Chloroform
Concen: 1.985 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011595.D
Acq: 19 Jun 2019 01:07

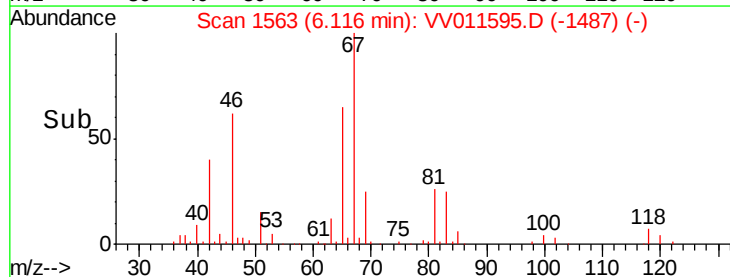
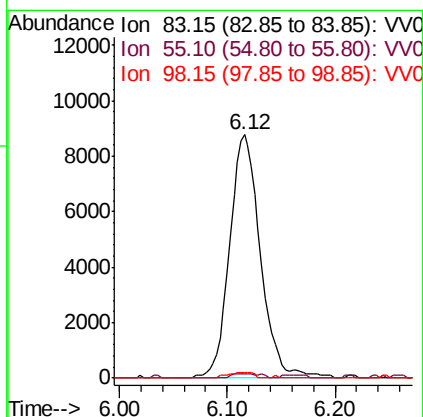
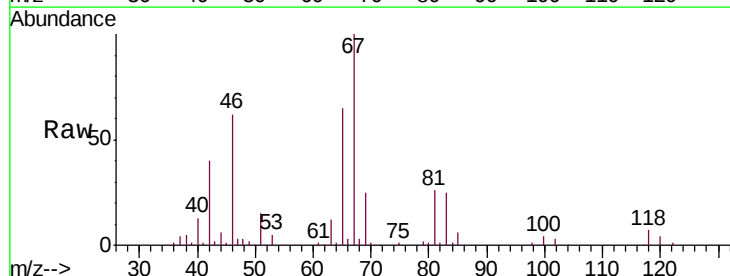
Instrument :
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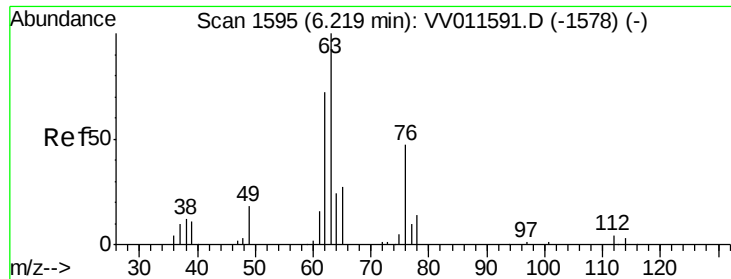
Tgt Ion: 83 Resp: 52256
Ion Ratio Lower Upper
83 100
85 65.8 44.6 82.8



#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011595.D
Acq: 19 Jun 2019 01:07

Tgt Ion: 83 Resp: 17515
Ion Ratio Lower Upper
83 100
55 1.2 67.9 101.9#
98 2.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011595.D

Acq: 19 Jun 2019 01:07

Instrument :

MSVOA_V

ClientSampleId :

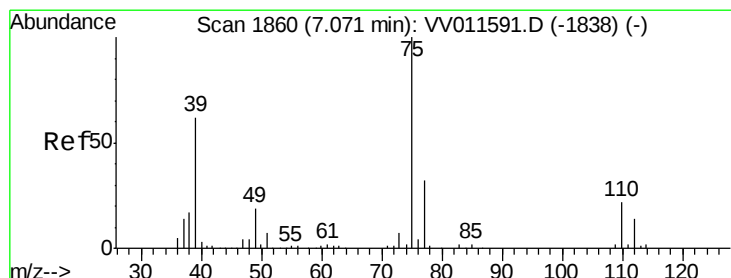
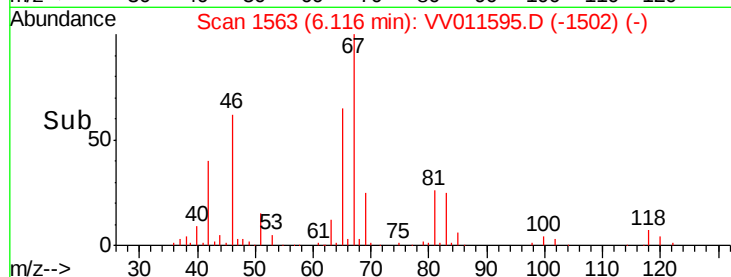
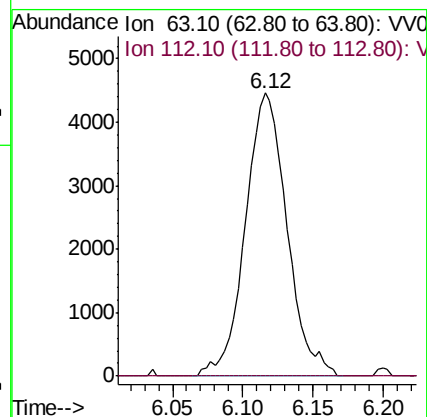
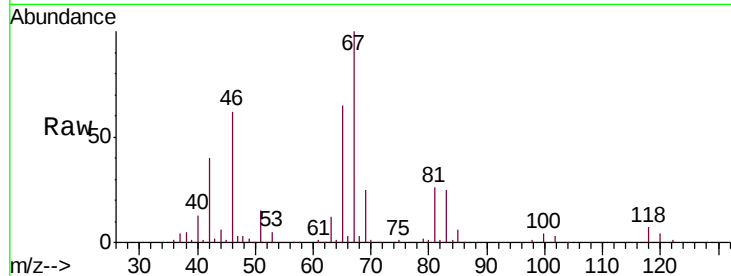
C0M86

Tgt Ion: 63 Resp: 9203

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011595.D

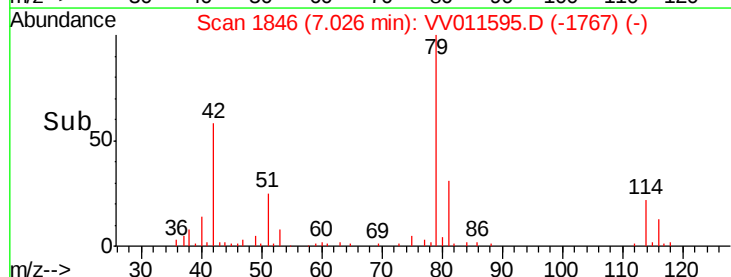
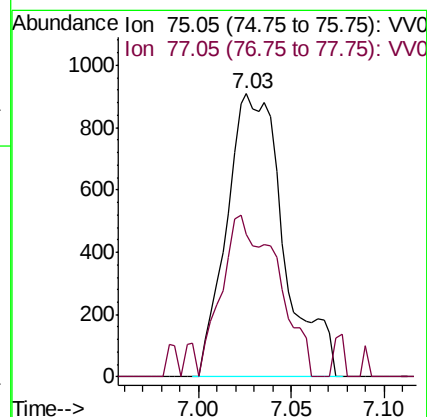
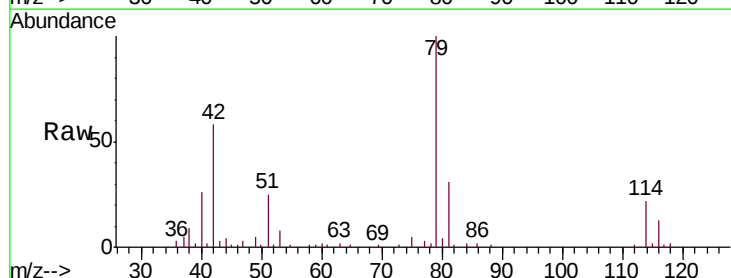
Acq: 19 Jun 2019 01:07

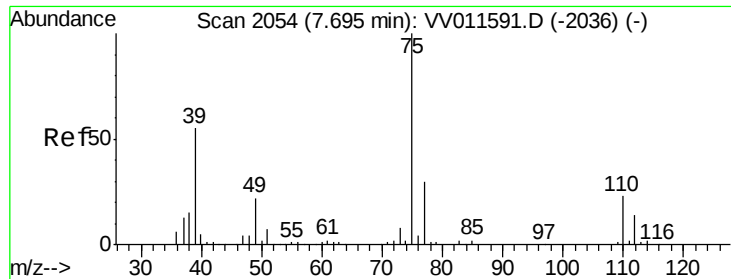
Tgt Ion: 75 Resp: 1947

Ion Ratio Lower Upper

75 100

77 50.6 20.6 38.4#





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011595.D

Acq: 19 Jun 2019 01:07

Instrument :

MSVOA_V

ClientSampleId :

C0M86

Tgt Ion: 75 Resp: 1186

Ion Ratio Lower Upper

75 100

77 0.0 22.8 42.4#

