

Data File : VV011390.D
Acq On : 11 Jun 2019 13:04
Operator : SY/MD
Sample : K3291-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8G0

Quant Time: Jun 12 02:53:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148383	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52800	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36454	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.55	69	35194	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.12	63	59405	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	3.94	46	124435	49.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.32%
24) Chloroform-d	4.40	84	81473	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	47483	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.09	84	158437	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
36) 1,2-Dichloropropane-d6	6.12	67	51342	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.36	98	137712	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	7.66	79	14174	2.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.80%
46) 2-Hexanone-d5	8.13	63	90731	43.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36690	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	44622	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

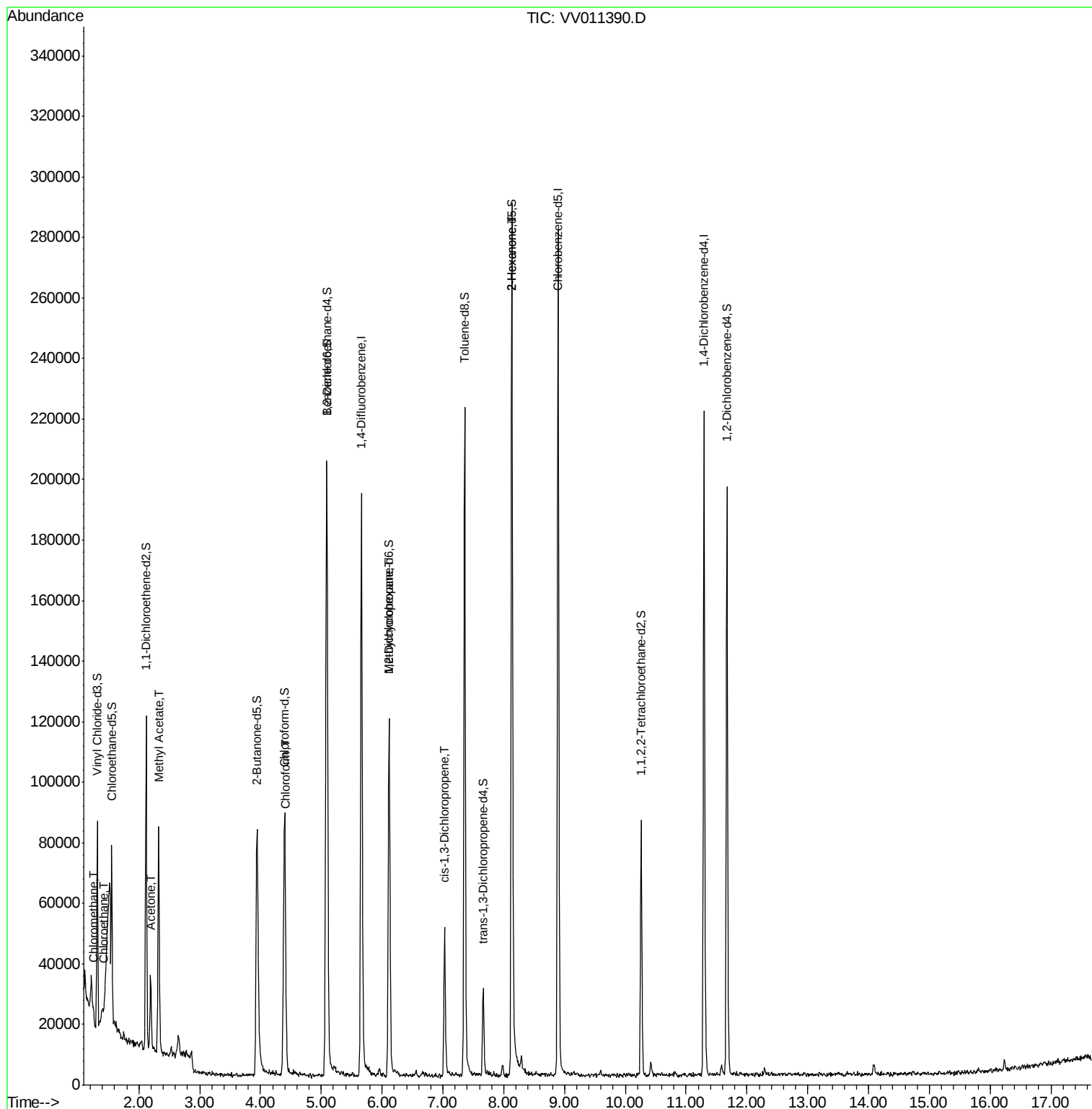
					Qvalue
3) Chloromethane	1.25	50	1918	0.136 ug/L	99
8) Chloroethane	1.42	64	30330	3.477 ug/L #	59
13) Acetone	2.19	43	12206	7.192 ug/L	97
15) Methyl Acetate	2.33	43	19358	4.295 ug/L #	53
25) Chloroform	4.41	83	2059	0.097 ug/L #	48
35) Methylcyclohexane	6.12	83	12294	0.649 ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	1362	0.084 ug/L #	70
48) 2-Hexanone	8.14	43	13207	2.694 ug/L #	71

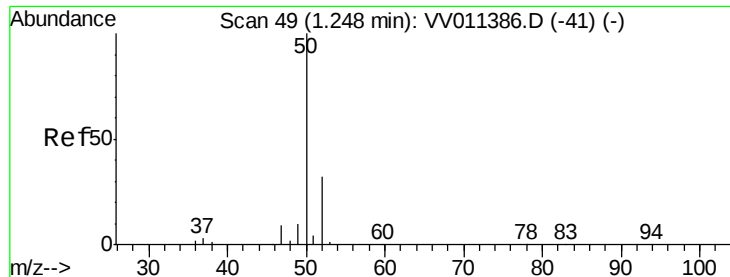
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.136 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 11 Jun 2019 13:04

Instrument :

MSVOA_V

ClientSampleId :

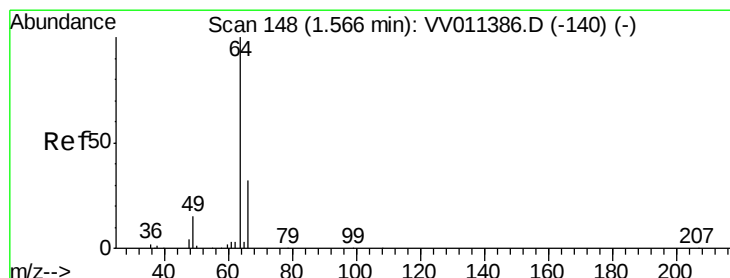
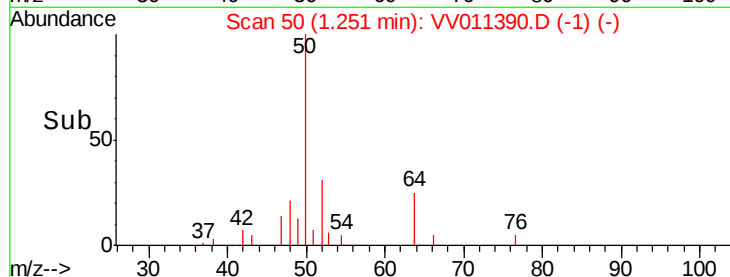
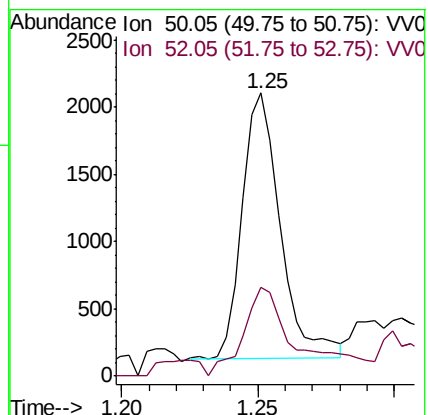
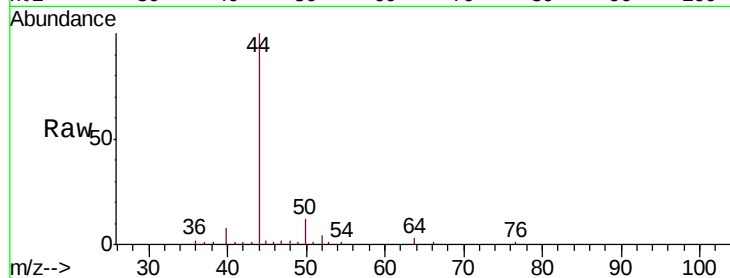
DB8G0

Tgt Ion: 50 Resp: 1918

Ion Ratio Lower Upper

50 100

52 31.2 22.3 41.5



#8

Chloroethane

Concen: 3.477 ug/L

RT: 1.42 min Scan# 101

Delta R.T. -0.15 min

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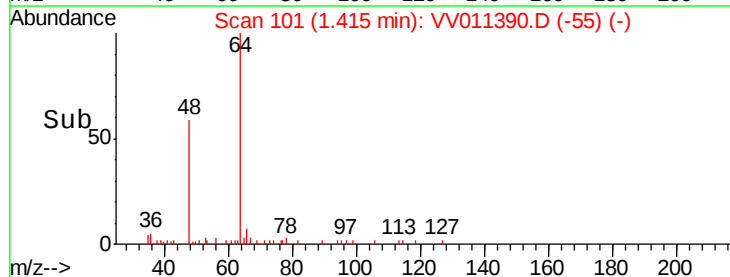
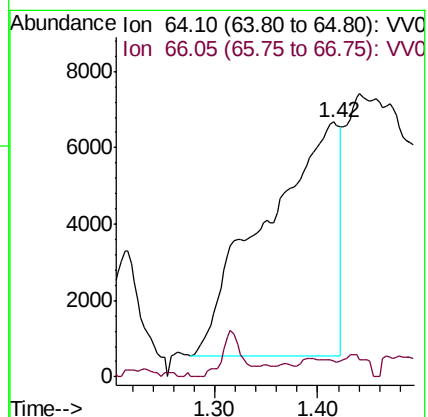
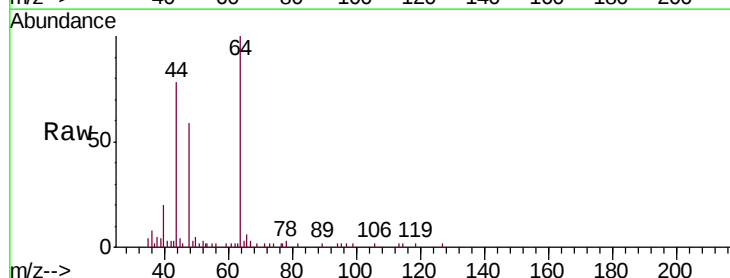
Acq: 11 Jun 2019 13:04

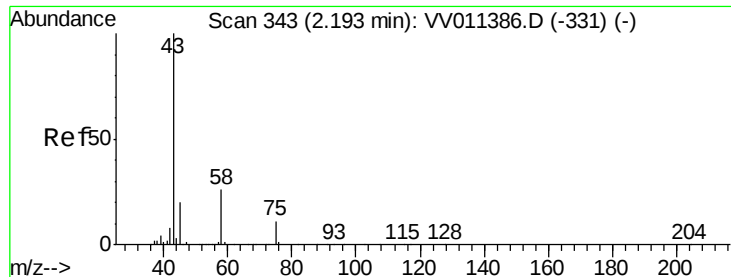
Tgt Ion: 64 Resp: 30330

Ion Ratio Lower Upper

64 100

66 6.2 19.4 36.0#





#13

Acetone

Concen: 7.192 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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Acq: 11 Jun 2019 13:04

Instrument :

MSVOA_V

ClientSampleId :

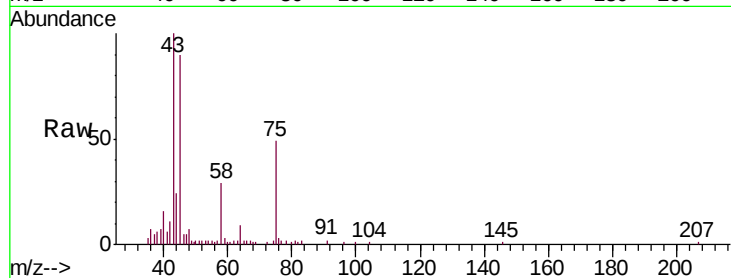
DB8G0

Tgt Ion: 43 Resp: 12206

Ion Ratio Lower Upper

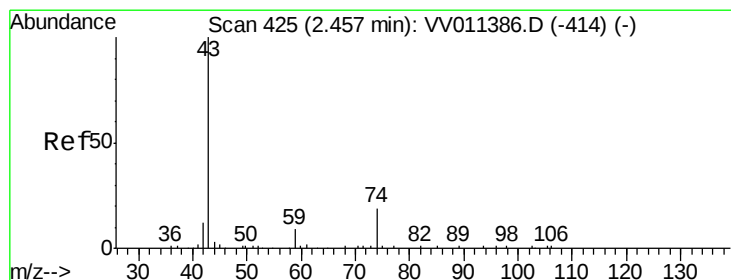
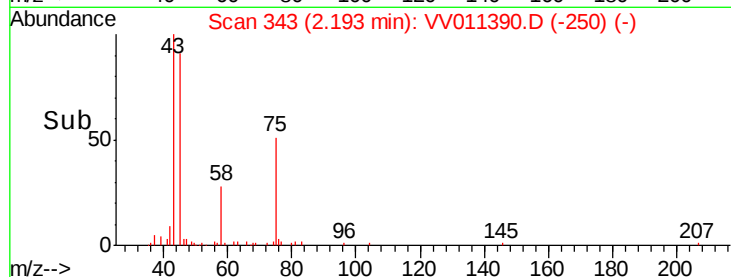
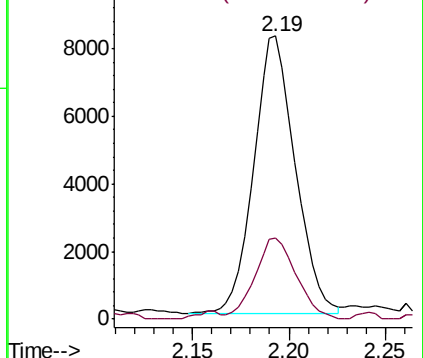
43 100

58 29.1 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 4.295 ug/L

RT: 2.33 min Scan# 384

Delta R.T. -0.13 min

Lab File: VV011390.D

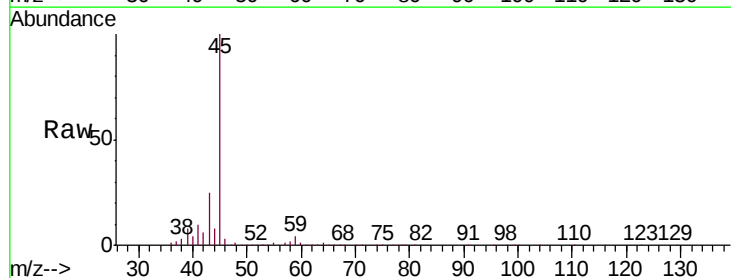
Acq: 11 Jun 2019 13:04

Tgt Ion: 43 Resp: 19358

Ion Ratio Lower Upper

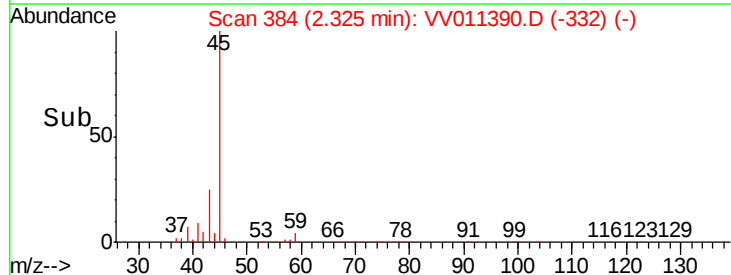
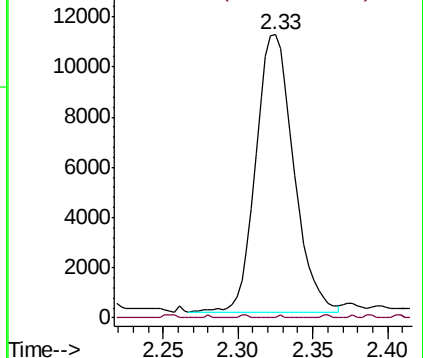
43 100

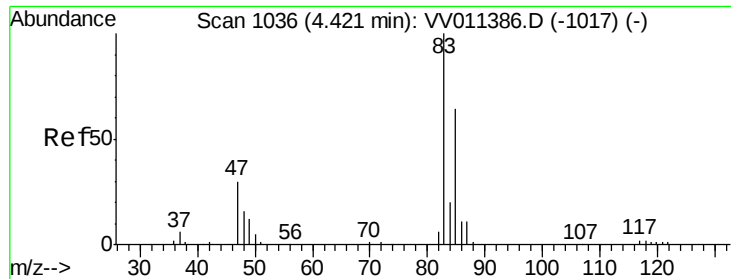
74 0.1 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

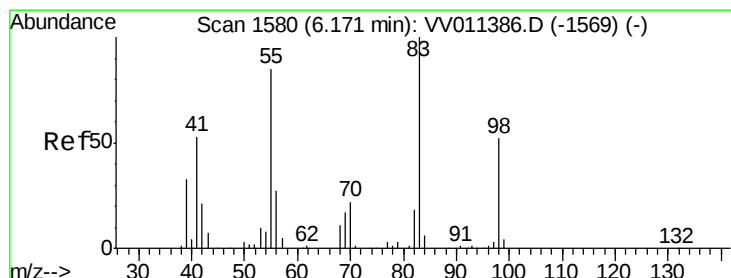
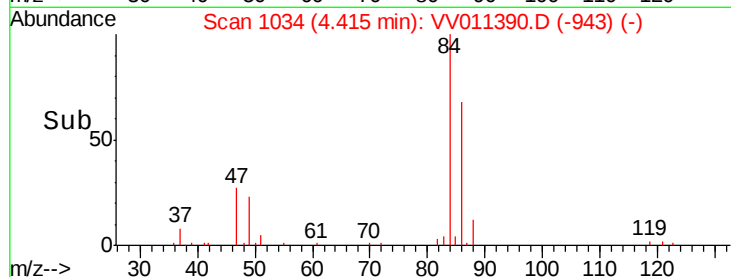
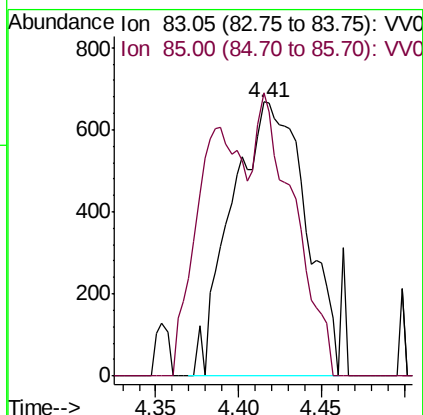
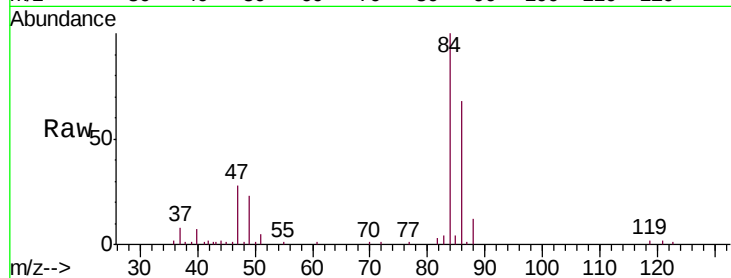




#25
Chloroform
Concen: 0.097 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV011390.D
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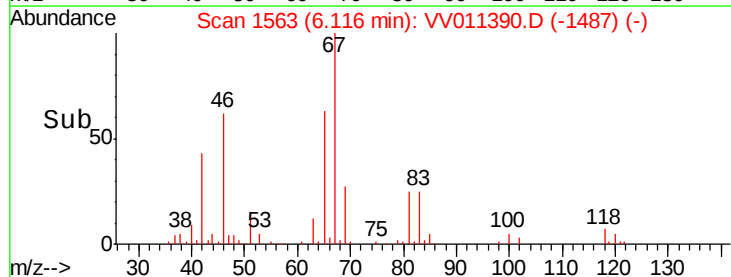
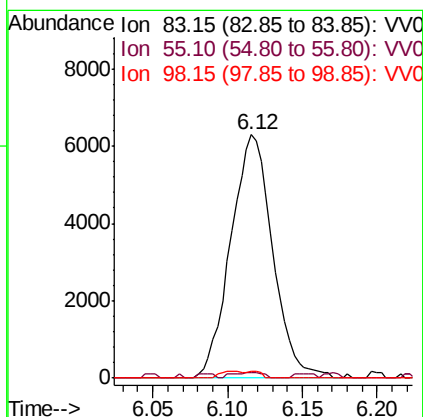
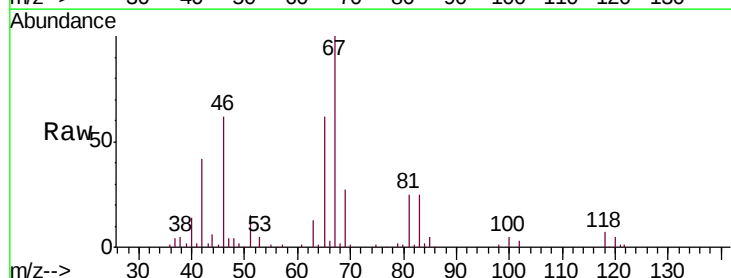
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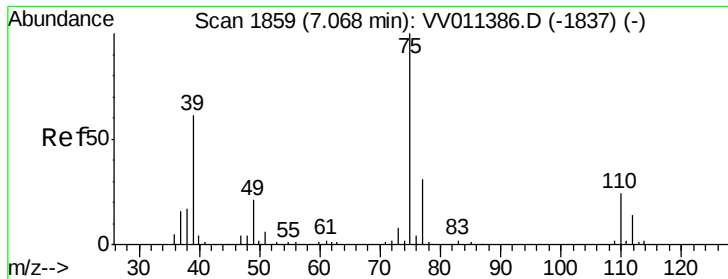
Tgt Ion: 83 Resp: 2059
Ion Ratio Lower Upper
83 100
85 103.3 44.1 81.9#



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011390.D
Acq: 11 Jun 2019 13:04

Tgt Ion: 83 Resp: 12294
Ion Ratio Lower Upper
83 100
55 1.7 67.0 100.6#
98 1.0 40.0 60.0#

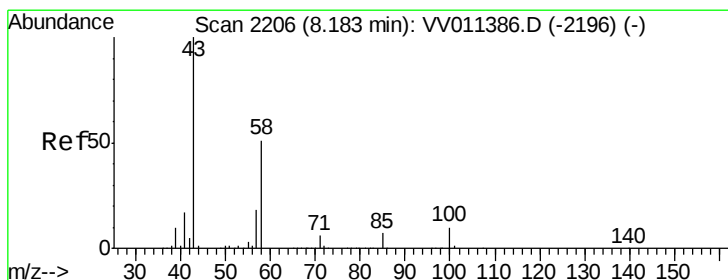
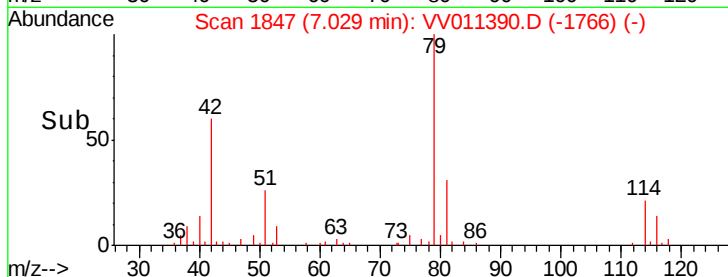
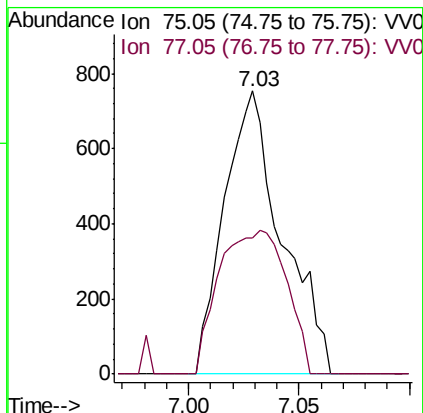
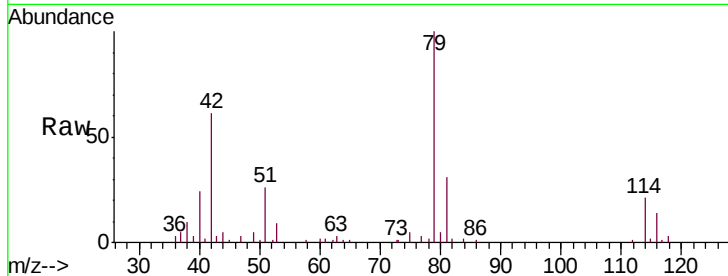




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011390.D
 Acq: 11 Jun 2019 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8G0

Tgt Ion: 75 Resp: 1362
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.694 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011390.D
 Acq: 11 Jun 2019 13:04

Tgt Ion: 43 Resp: 13207
 Ion Ratio Lower Upper
 43 100
 58 26.7 41.4 62.0#
 57 23.5 15.0 22.4#
 100 0.6 9.0 13.4#

