

Data File : VV011706.D
Acq On : 22 Jun 2019 01:18
Operator : SY/MD
Sample : K3479-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YANZ5

Quant Time: Jun 24 05:48:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36094	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	30141	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.12	63	58375	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	3.98	46	123862	44.84	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.68%
24) Chloroform-d	4.40	84	80325	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	46728	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.09	84	160700	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.12	67	51662	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.36	98	134456	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.67	79	15166	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.14	63	94946	45.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38006	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	51278	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

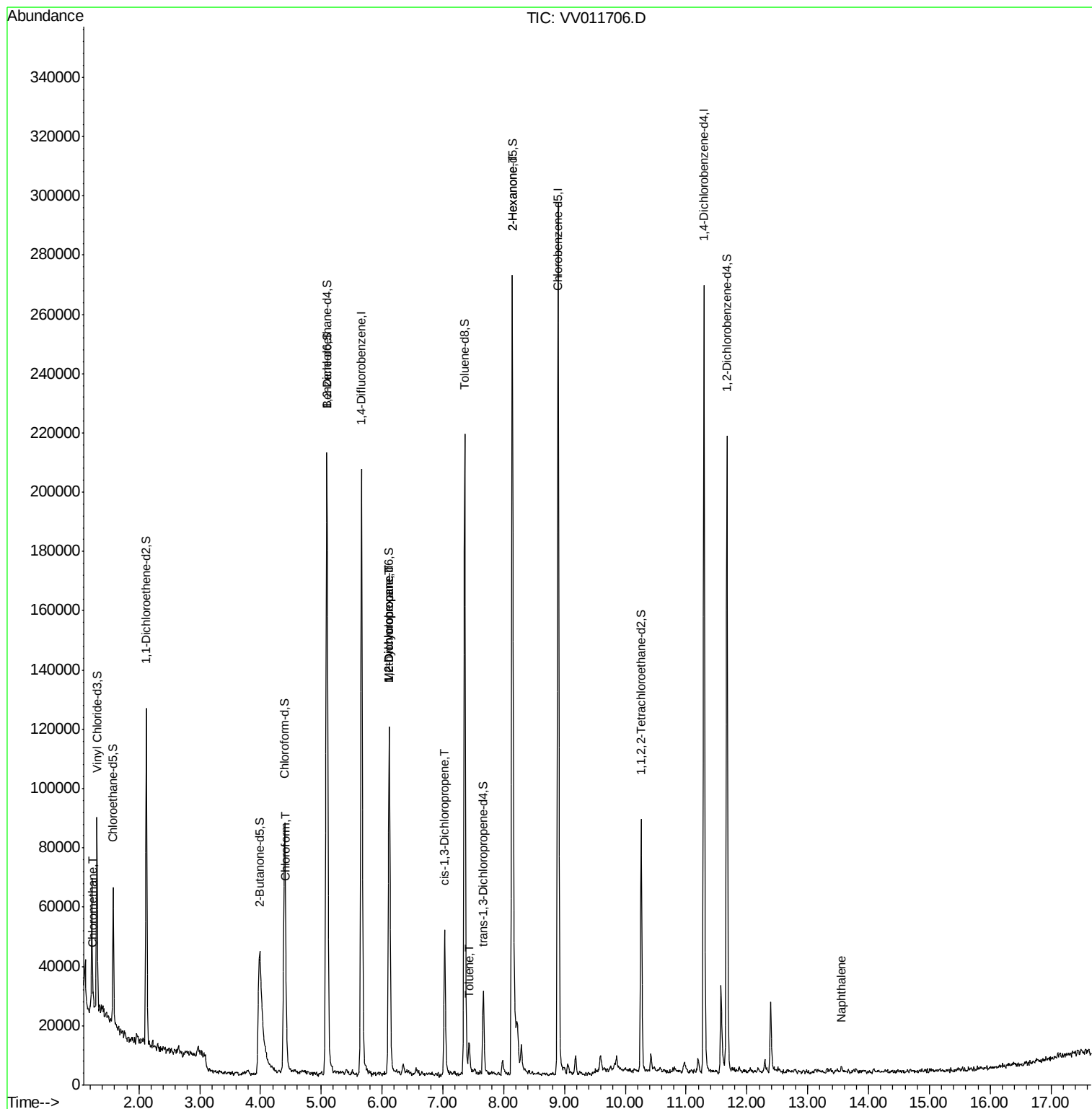
						Qvalue
3) Chloromethane	1.25	50	3743	0.251	ug/L	88
25) Chloroform	4.42	83	3154	0.126	ug/L	86
35) Methylcyclohexane	6.12	83	12494	0.589	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7113	0.565	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1259	0.076	ug/L #	80
42) Toluene	7.43	91	6052	0.117	ug/L	87
48) 2-Hexanone	8.14	43	13033	2.349	ug/L #	72
69) Naphthalene	13.55	128	1236	0.062	ug/L #	78

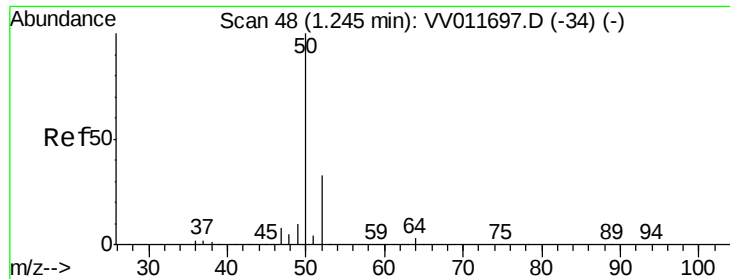
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.251 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

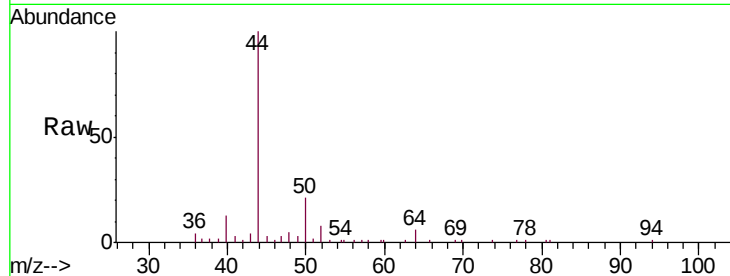
YANZ5

Tgt Ion: 50 Resp: 3743

Ion Ratio Lower Upper

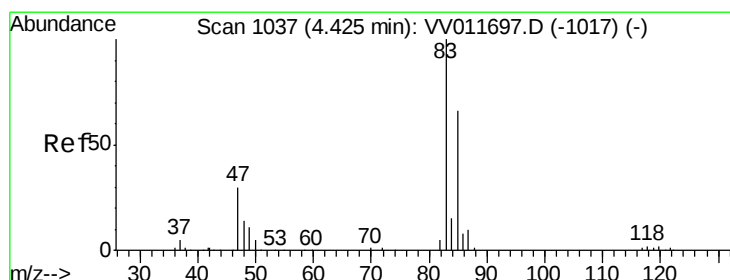
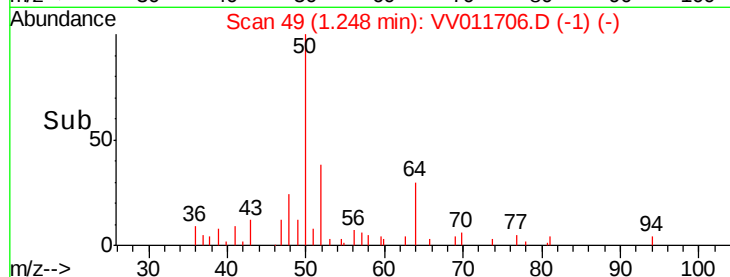
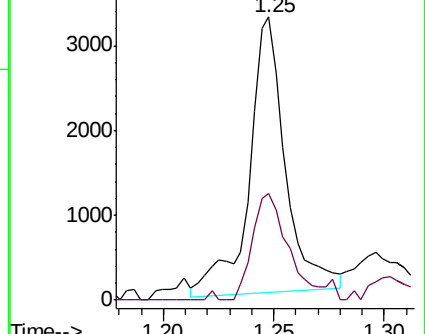
50 100

52 37.9 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#25

Chloroform

Concen: 0.126 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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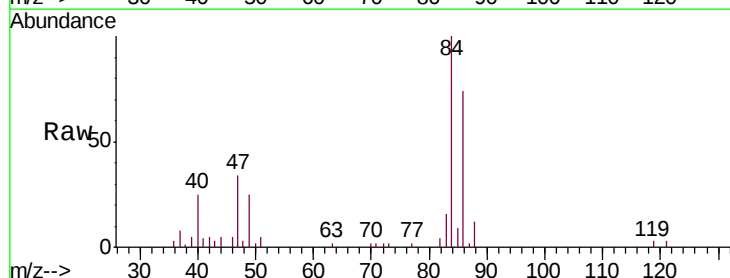
Acq: 22 Jun 2019 01:18

Tgt Ion: 83 Resp: 3154

Ion Ratio Lower Upper

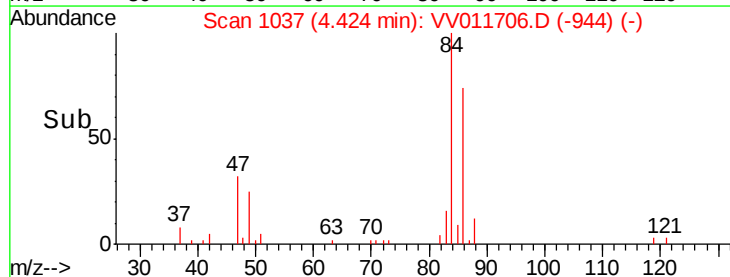
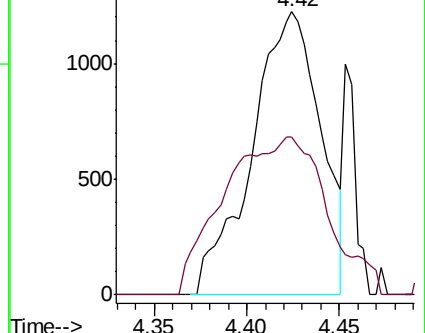
83 100

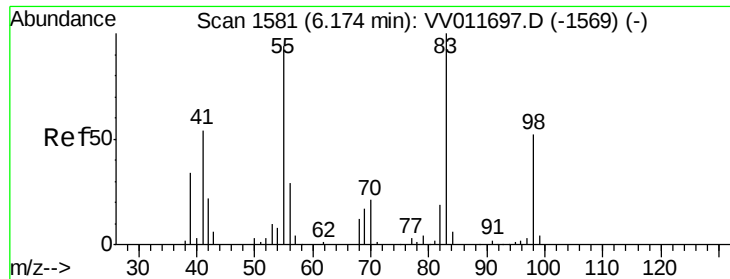
85 55.7 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

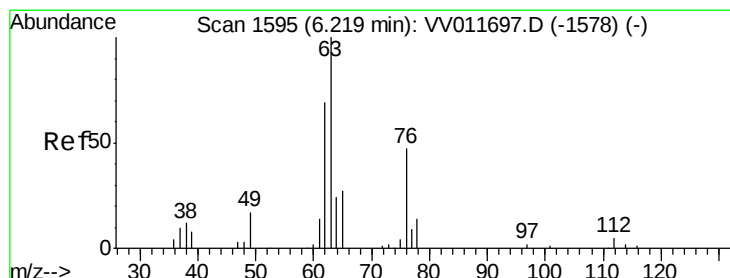
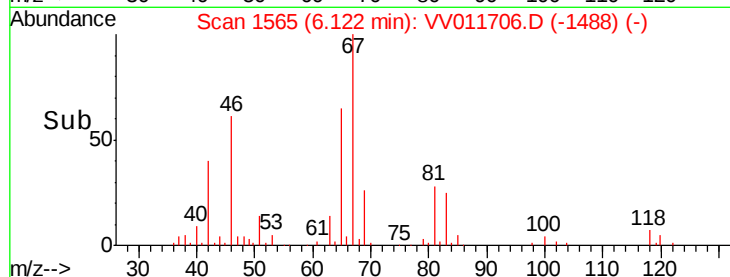
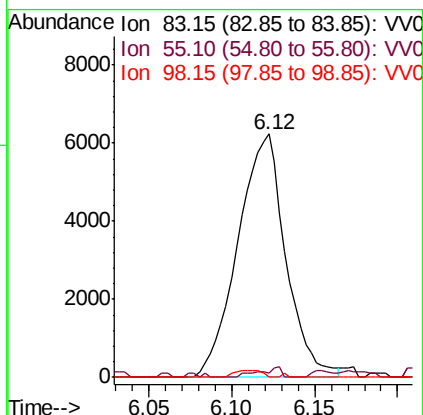
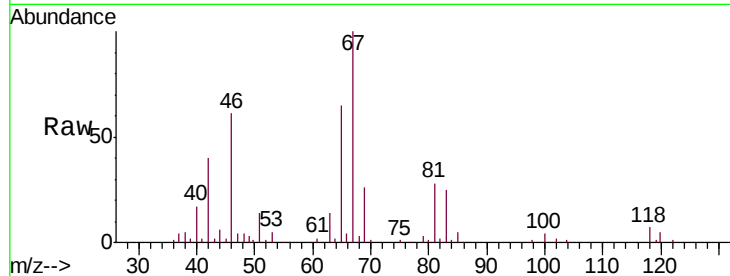




#35
Methylcyclohexane
Concen: 0.589 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
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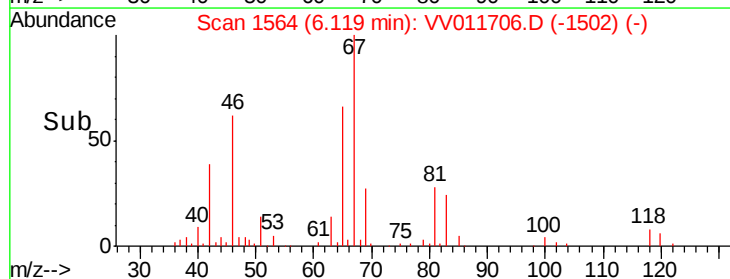
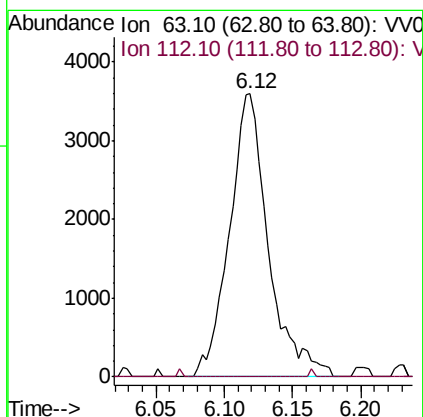
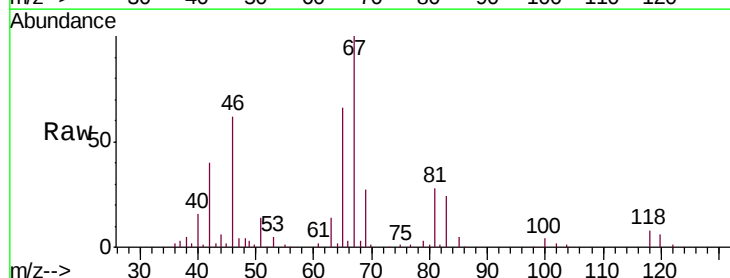
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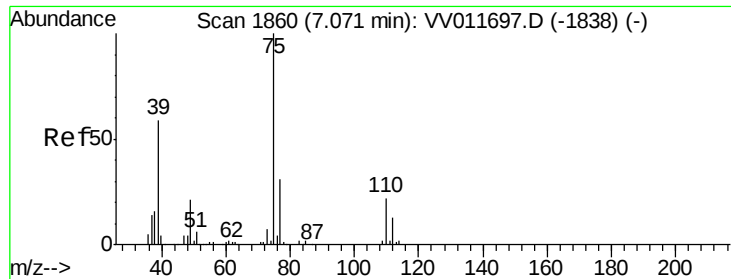
Tgt Ion: 83 Resp: 12494
Ion Ratio Lower Upper
83 100
55 1.9 69.4 104.2#
98 0.2 40.2 60.4#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011706.D
Acq: 22 Jun 2019 01:18

Tgt Ion: 63 Resp: 7113
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV011706.D

Acq: 22 Jun 2019 01:18

Instrument :

MSVOA_V

ClientSampleId :

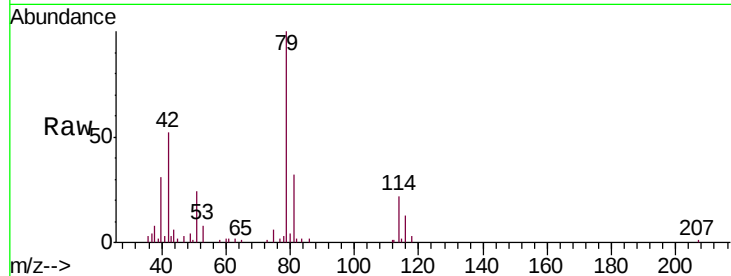
YANZ5

Tgt Ion: 75 Resp: 1259

Ion Ratio Lower Upper

75 100

77 42.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.04

600

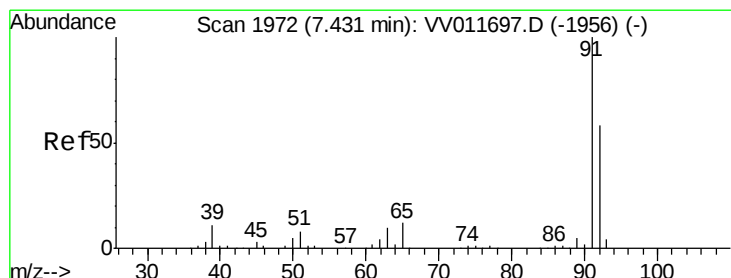
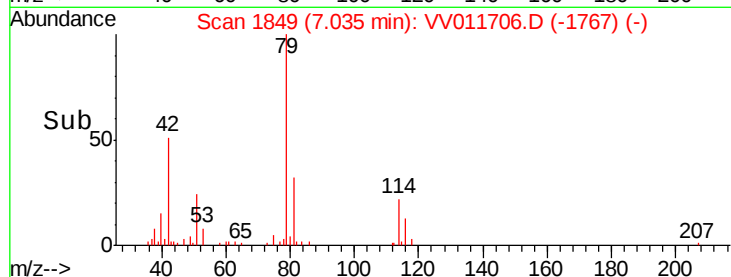
400

200

0

7.00 7.05

Time-->



#42

Toluene

Concen: 0.117 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011706.D

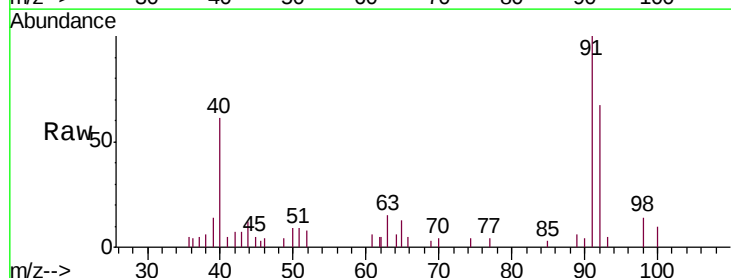
Acq: 22 Jun 2019 01:18

Tgt Ion: 91 Resp: 6052

Ion Ratio Lower Upper

91 100

92 67.3 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

3000

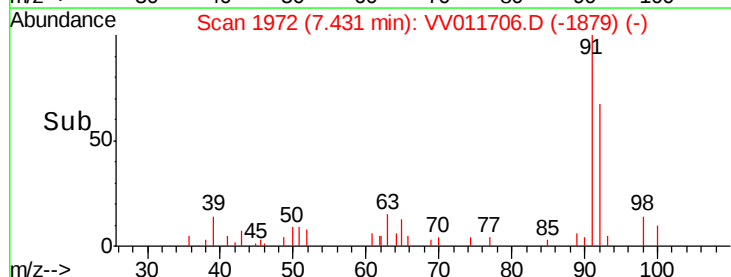
2000

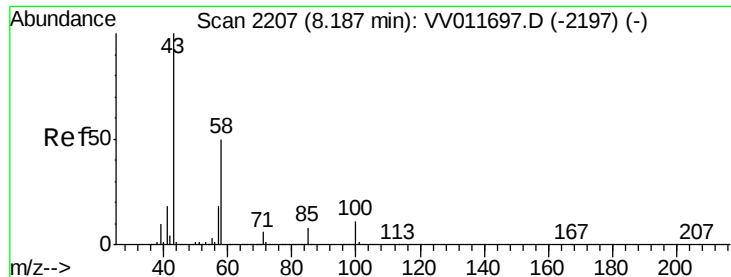
1000

0

7.40 7.45 7.50

Time-->

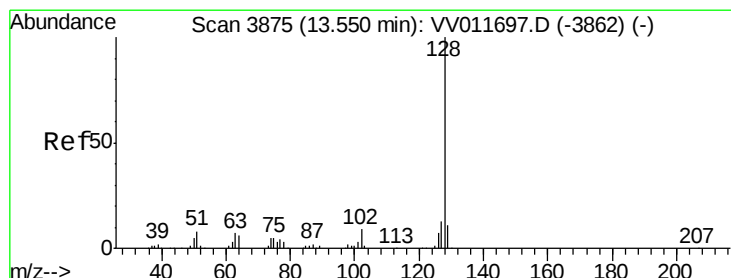
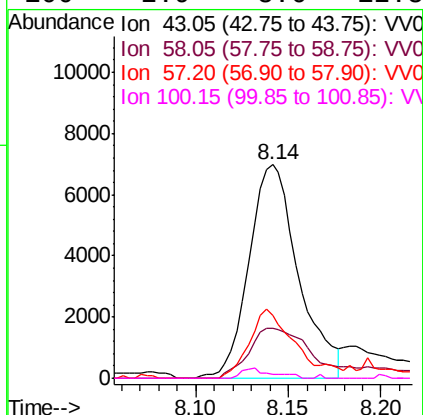
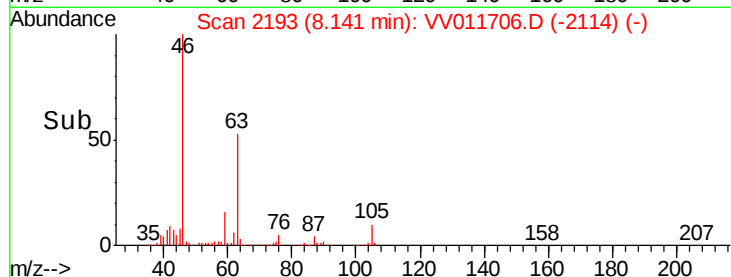
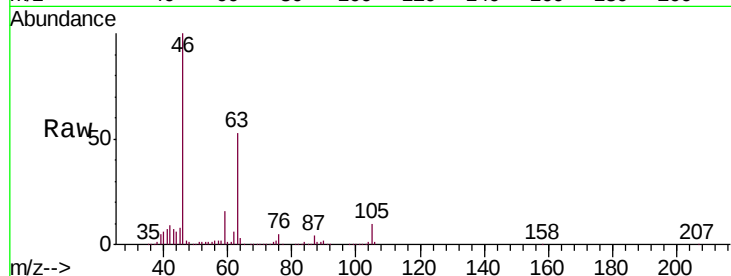




#48
2-Hexanone
Concen: 2.349 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV011706.D
Acq: 22 Jun 2019 01:18

Instrument :
MSVOA_V
ClientSampled :
YANZ5

Tgt Ion: 43 Resp: 13033
Ion Ratio Lower Upper
43 100
58 30.0 40.1 60.1#
57 30.0 14.4 21.6#
100 2.9 8.6 12.8#



#69
Naphthalene
Concen: 0.062 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV011706.D
Acq: 22 Jun 2019 01:18

Tgt Ion: 128 Resp: 1236
Ion Ratio Lower Upper
128 100
129 3.5 8.7 13.1#
127 3.4 10.5 15.7#

