

Data File : VV011710.D
Acq On : 22 Jun 2019 02:59
Operator : SY/MD
Sample : K3479-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YANZ9

Quant Time: Jun 24 05:49:19 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	157931	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40979	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	33858	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.12	63	65924	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.96	46	156602	56.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	4.40	84	87835	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	55803	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	184468	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	59526	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	156751	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.66	79	16710	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.14	63	117006	56.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44458	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	57035	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

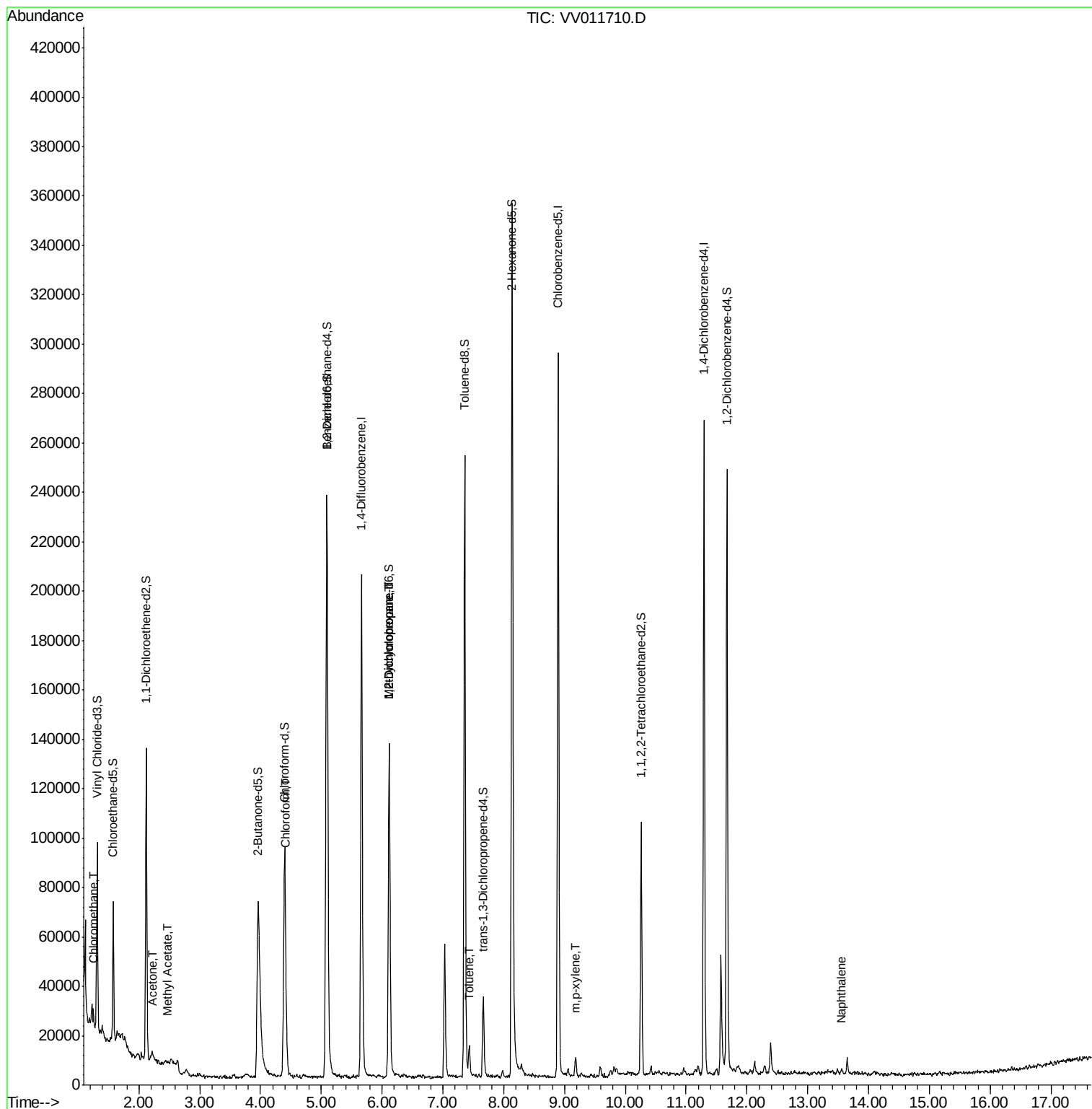
					Qvalue
3) Chloromethane	1.25	50	5862	0.393 ug/L	98
13) Acetone	2.21	43	6158	3.087 ug/L	99
15) Methyl Acetate	2.47	43	1862	0.375 ug/L #	90
25) Chloroform	4.42	83	3471	0.138 ug/L	100
35) Methylcyclohexane	6.12	83	14280	0.680 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7370	0.592 ug/L #	88
42) Toluene	7.43	91	7588	0.148 ug/L	98
53) m,p-xylene	9.18	106	2182	0.105 ug/L	67
69) Naphthalene	13.56	128	1521	0.076 ug/L	96

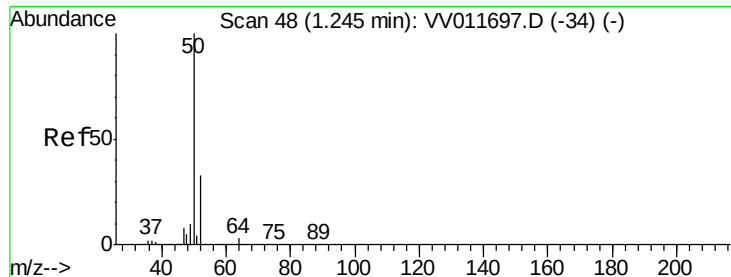
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.393 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 22 Jun 2019 02:59

Instrument :

MSVOA_V

ClientSampleId :

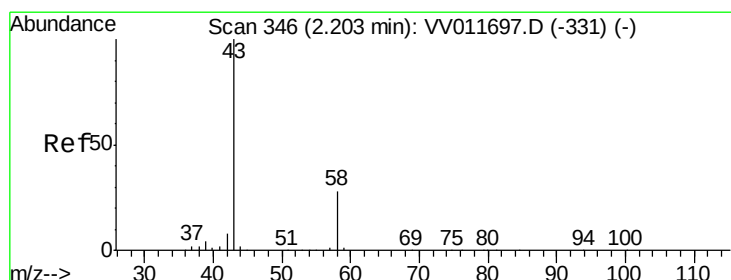
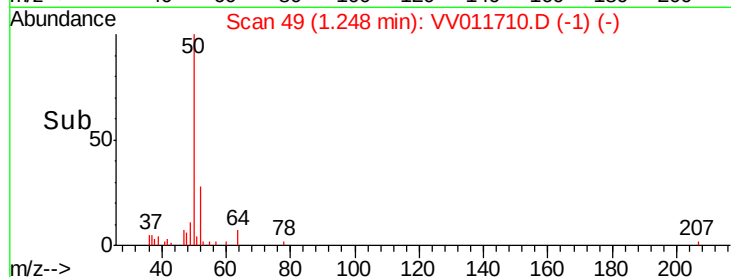
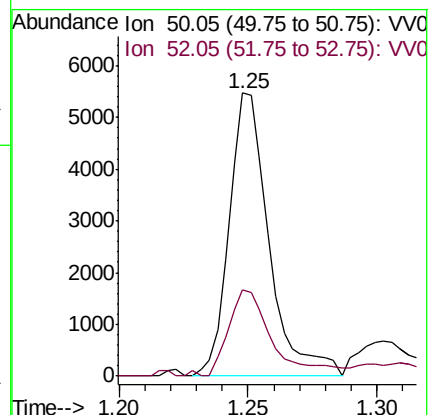
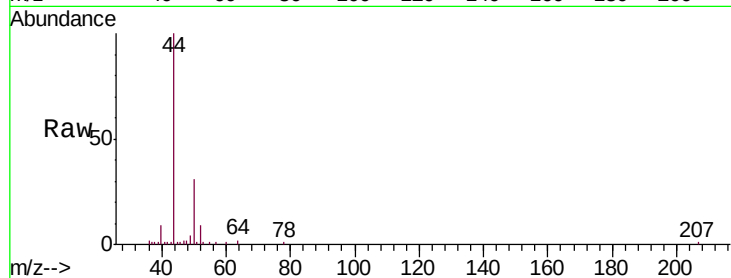
YANZ9

Tgt Ion: 50 Resp: 5862

Ion Ratio Lower Upper

50 100

52 30.3 22.0 40.8



#13

Acetone

Concen: 3.087 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV011710.D

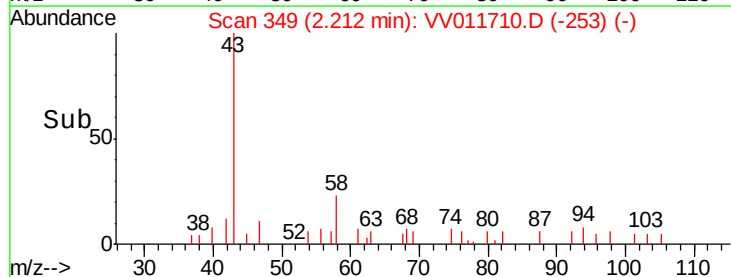
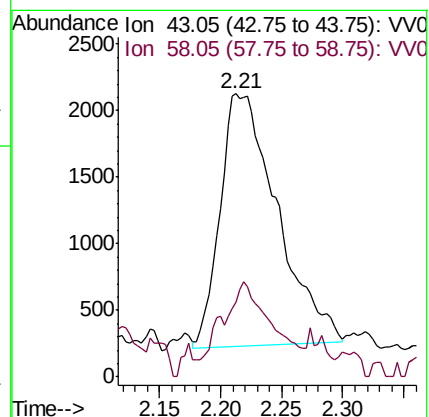
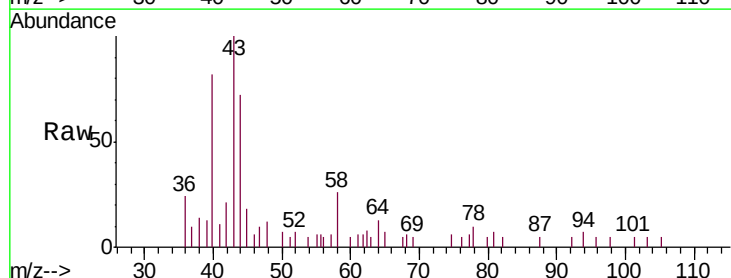
Acq: 22 Jun 2019 02:59

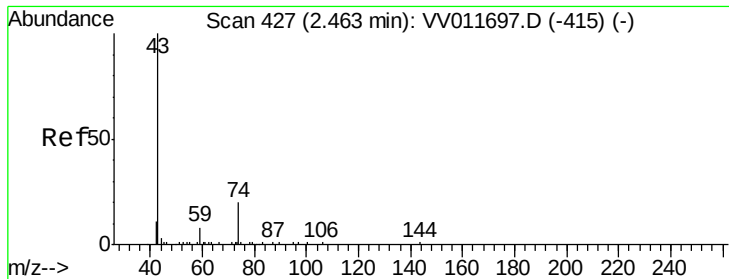
Tgt Ion: 43 Resp: 6158

Ion Ratio Lower Upper

43 100

58 27.6 0.0 56.6

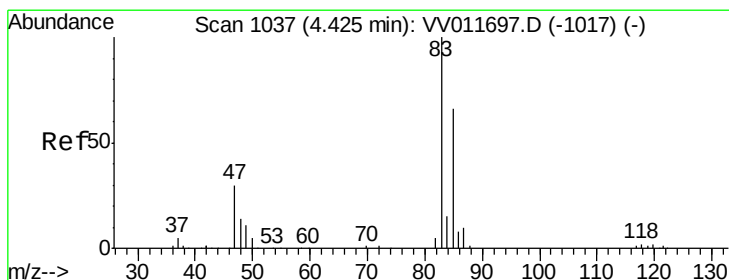
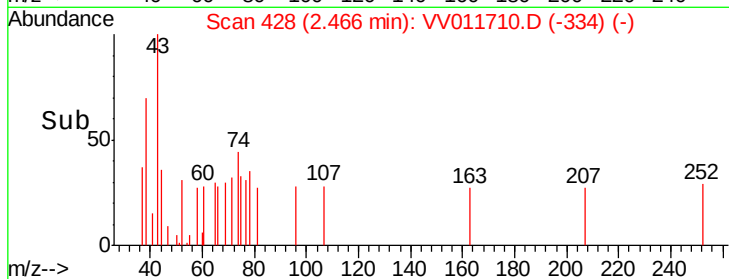
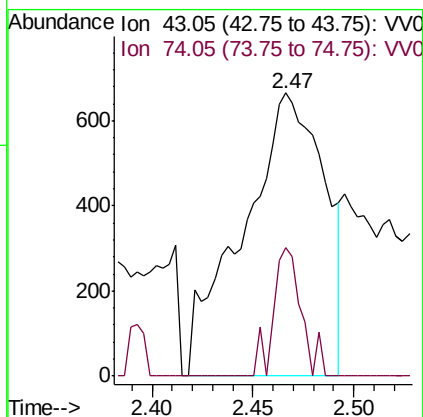
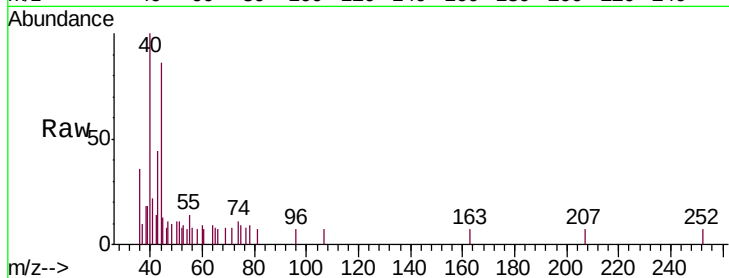




#15
Methyl Acetate
Concen: 0.375 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV011710.D
Acq: 22 Jun 2019 02:59

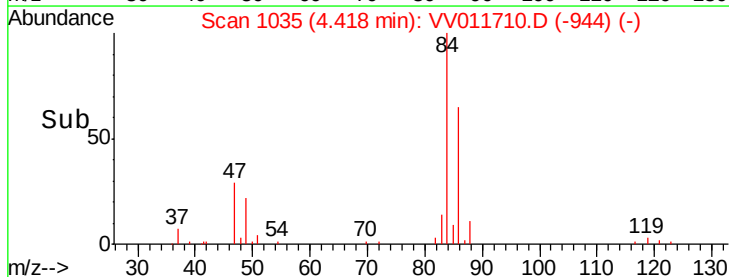
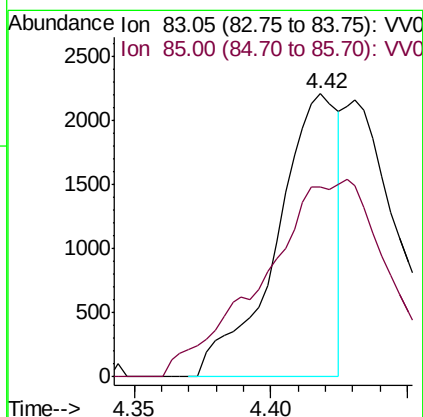
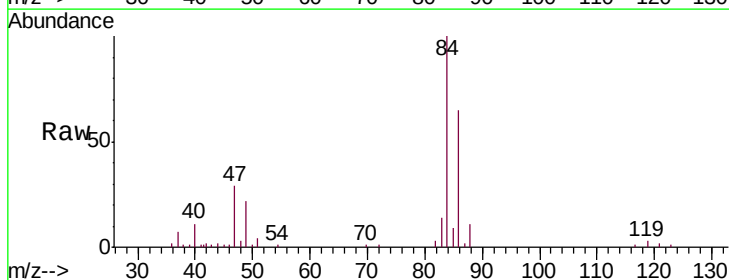
Instrument :
MSVOA_V
ClientSampled :
YANZ9

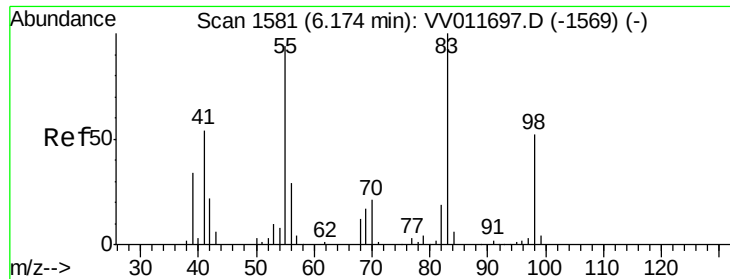
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
74 15.6 16.2 24.2#



#25
Chloroform
Concen: 0.138 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV011710.D
Acq: 22 Jun 2019 02:59

Tgt Ion: 83 Resp: 3471
Ion Ratio Lower Upper
83 100
85 67.0 47.0 87.2

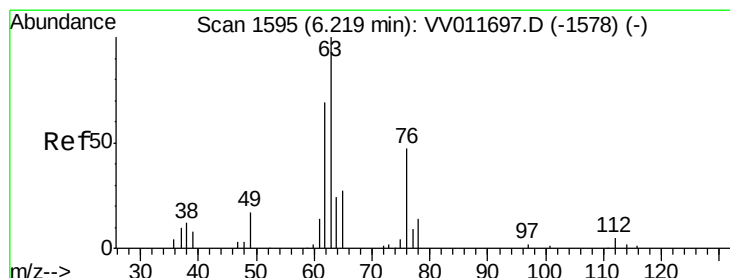
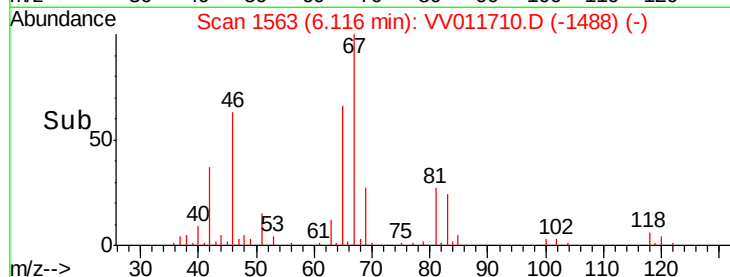
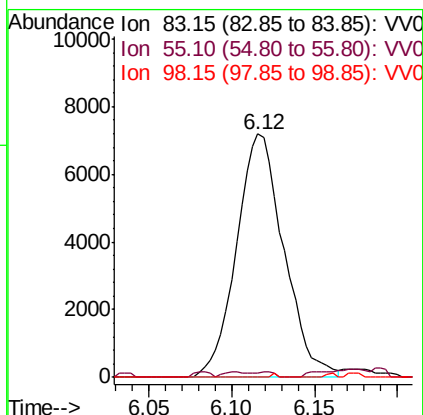
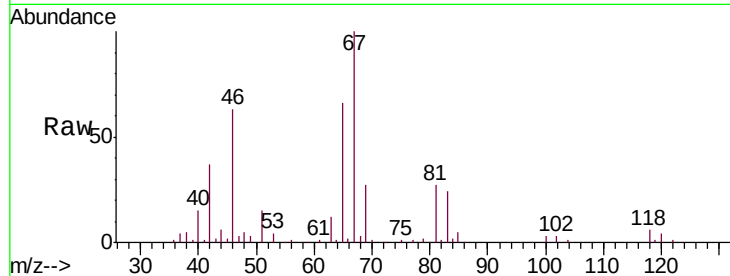




#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011710.D
Acq: 22 Jun 2019 02:59

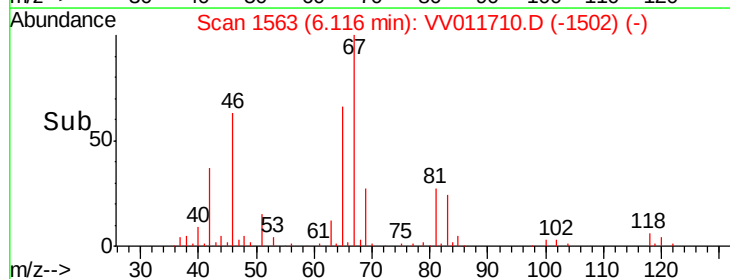
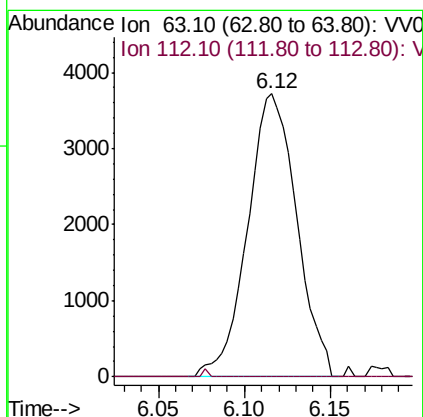
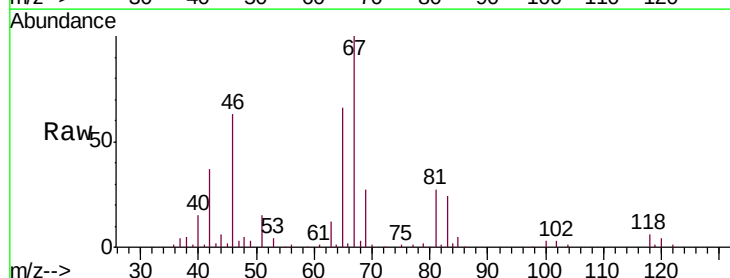
Instrument :
MSVOA_V
ClientSampleId :
YANZ9

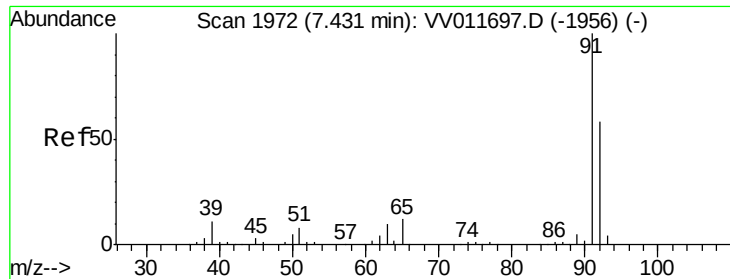
Tgt Ion: 83 Resp: 14280
Ion Ratio Lower Upper
83 100
55 1.0 69.4 104.2#
98 0.2 40.2 60.4#



#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011710.D
Acq: 22 Jun 2019 02:59

Tgt Ion: 63 Resp: 7370
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





#42

Toluene

Concen: 0.148 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011710.D

Acq: 22 Jun 2019 02:59

Instrument :

MSVOA_V

ClientSampleId :

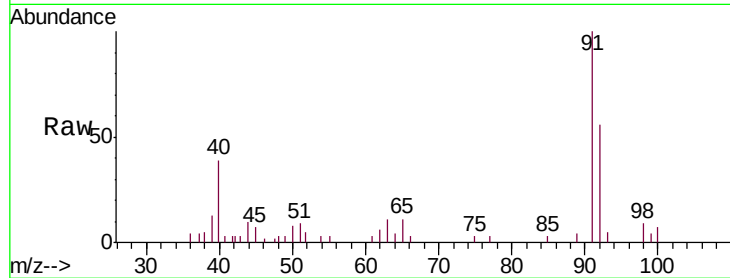
YANZ9

Tgt Ion: 91 Resp: 7588

Ion Ratio Lower Upper

91 100

92 55.9 40.3 74.9

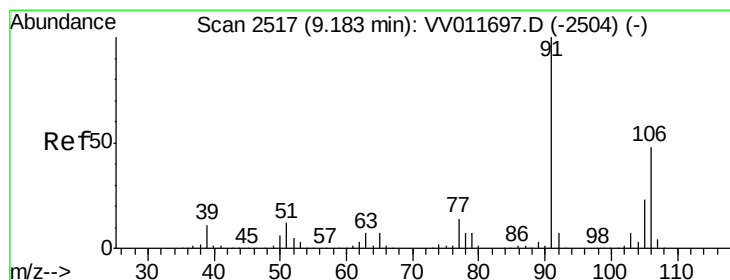
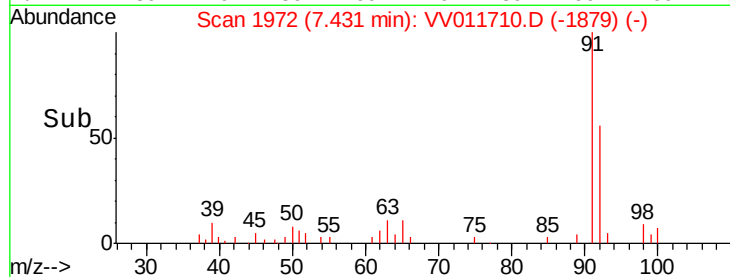


Abundance Ion 91.15 (90.85 to 91.85): VV011697.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011697.D (-1956) (-)

7.43

Time-->



#53

m,p-xylene

Concen: 0.105 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011710.D

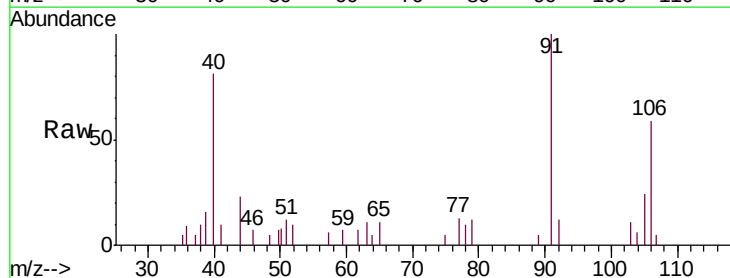
Acq: 22 Jun 2019 02:59

Tgt Ion: 106 Resp: 2182

Ion Ratio Lower Upper

106 100

91 156.5 144.9 269.1

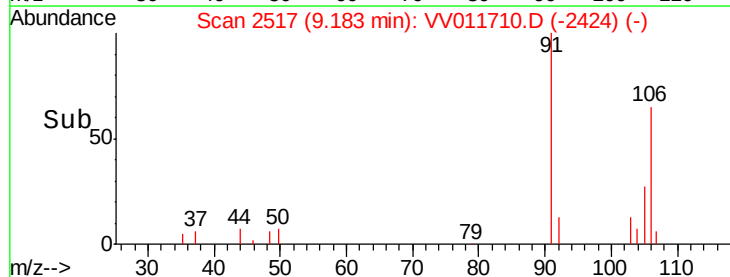


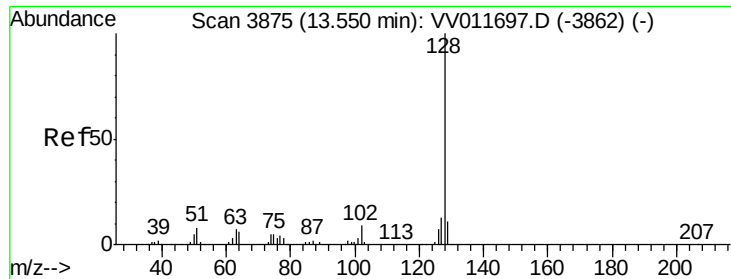
Abundance Ion 106.15 (105.85 to 106.85): VV011697.D (-2504) (-)

Ion 91.15 (90.85 to 91.85): VV011697.D (-2504) (-)

9.18

Time-->





#69

Naphthalene

Concen: 0.076 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV011710.D

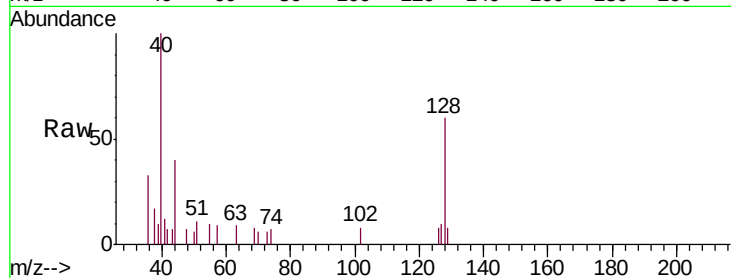
Acq: 22 Jun 2019 02:59

Instrument :

MSVOA_V

ClientSampleId :

YANZ9



Tgt Ion:128 Resp: 1521

Ion Ratio Lower Upper

128 100

129 12.7 8.7 13.1

127 12.1 10.5 15.7

