

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011372.D
 Acq On : 11 Jun 2019 03:38
 Operator : SY/MD
 Sample : K3229-05
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P69

Quant Time: Jun 12 10:56:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 04:02:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	83097	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81511	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24036	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.54	69	20845	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.11	63	37839	3.01	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.95	46	112122	79.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.18%#
24) Chloroform-d	4.40	84	51085	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	33653	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.09	84	97424	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.11	67	33285	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	83495	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.66	79	8933	3.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.14	63	88741	73.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	146.72%#
57) 1,1,1,2,2-Tetrachloroethane-	10.26	84	34595	6.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	31992	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

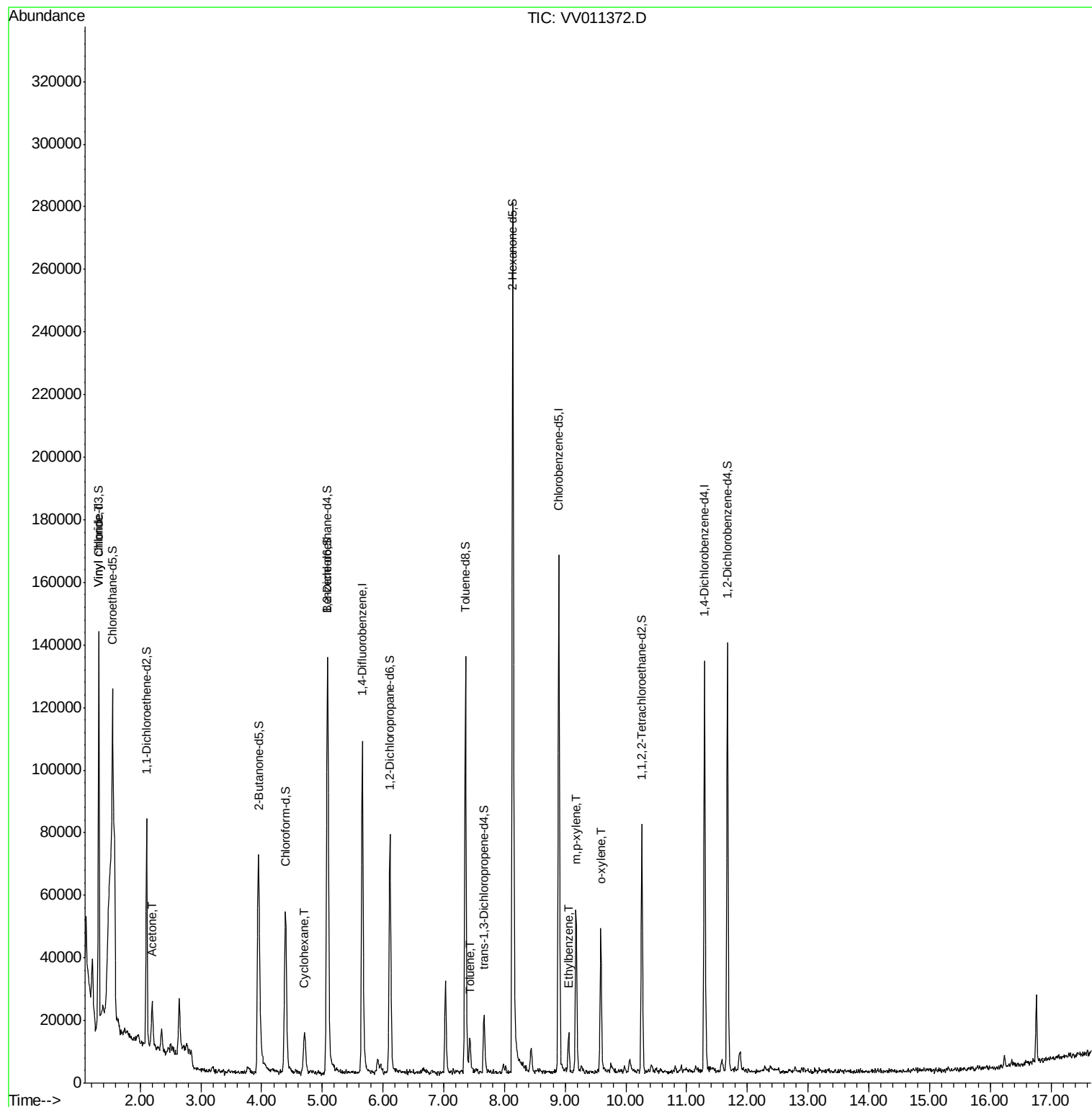
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	45878	6.001	ug/L	91
13) Acetone	2.20	43	5461	5.746	ug/L	79
30) Cyclohexane	4.71	56	6456	0.560	ug/L #	28
42) Toluene	7.43	91	6680	0.242	ug/L	94
52) Ethylbenzene	9.06	91	8308	0.271	ug/L	99
53) m,p-xylene	9.18	106	13838	1.219	ug/L	96
54) o-xylene	9.59	106	11331	1.017	ug/L	96

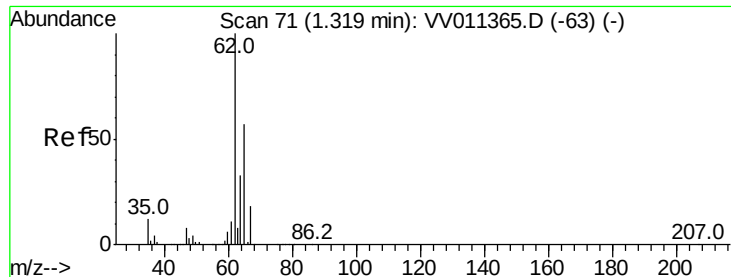
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.001 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV011372.D

Acq: 11 Jun 2019 03:38

Instrument :

MSVOA_V

ClientSampled :

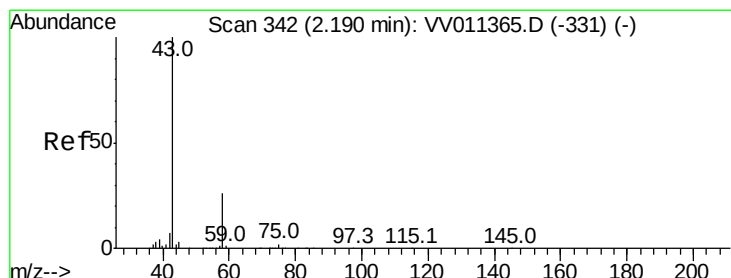
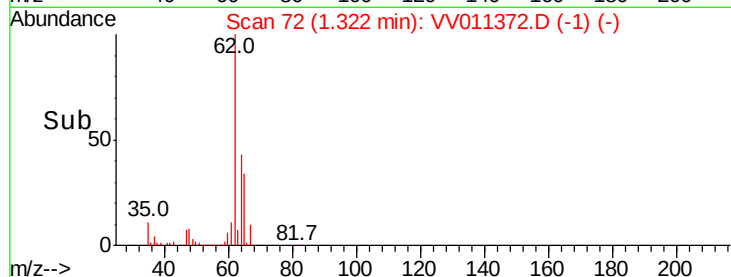
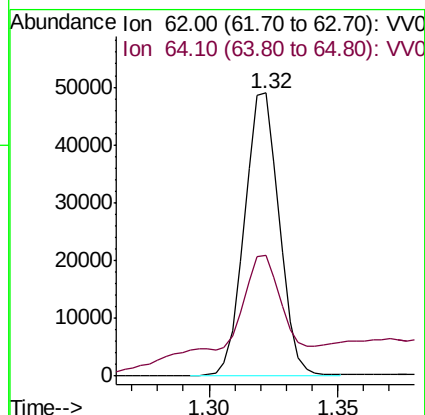
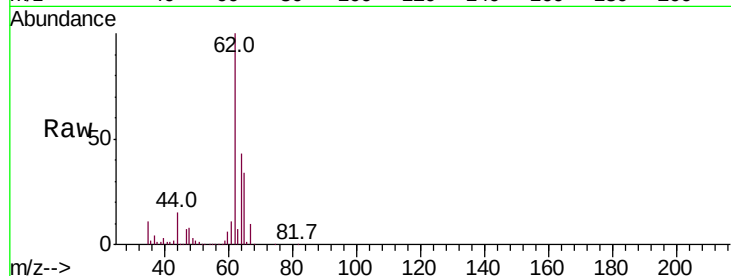
F9P69

Tot Ion: 62 Resp: 45878

Ion Ratio Lower Upper

62 100

64 42.5 25.9 48.1



#13

Acetone

Concen: 5.746 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011372.D

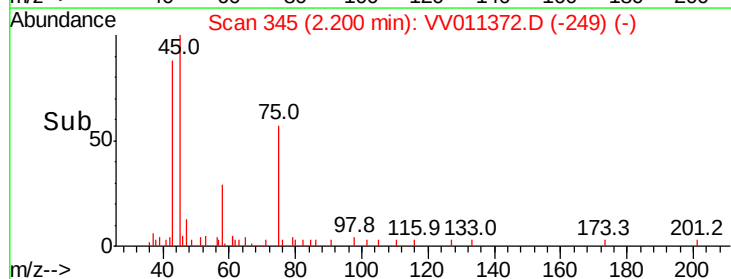
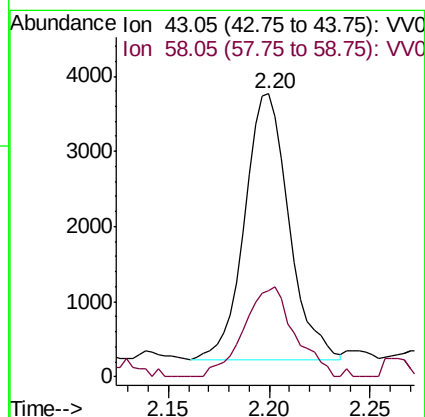
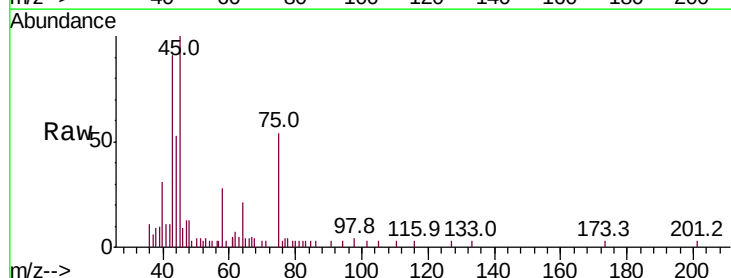
Acq: 11 Jun 2019 03:38

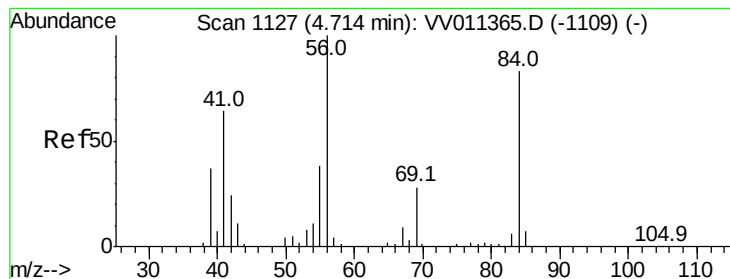
Tgt Ion: 43 Resp: 5461

Ion Ratio Lower Upper

43 100

58 38.4 0.0 55.2





#30

Cyclohexane

Concen: 0.560 ug/L

RT: 4.71 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VV011372.D

Acq: 11 Jun 2019 03:38

Instrument :

MSVOA_V

ClientSampled :

F9P69

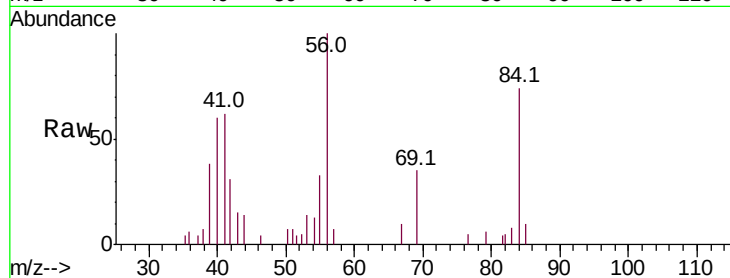
Tot Ion: 56 Resp: 6456

Ion Ratio Lower Upper

56 100

69 22.2 24.1 36.1#

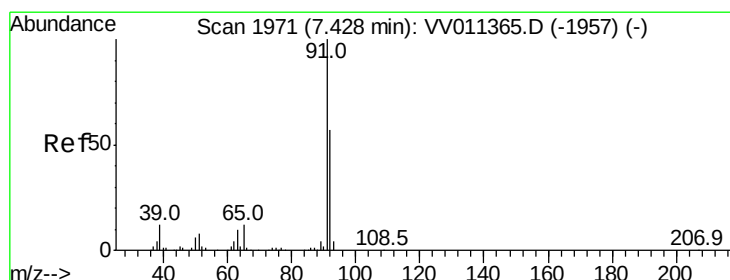
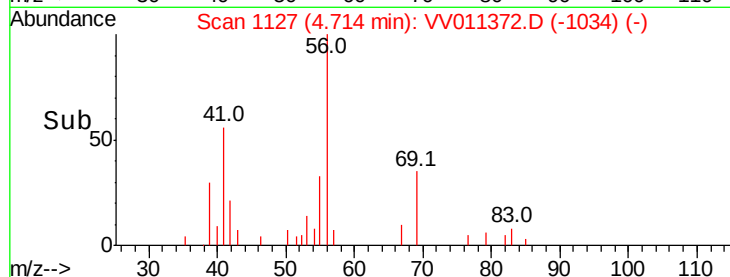
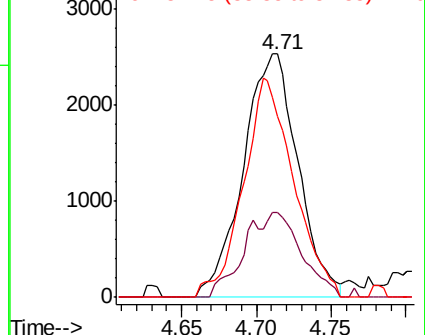
84 0.0 66.4 99.6#



Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0



#42

Toluene

Concen: 0.242 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011372.D

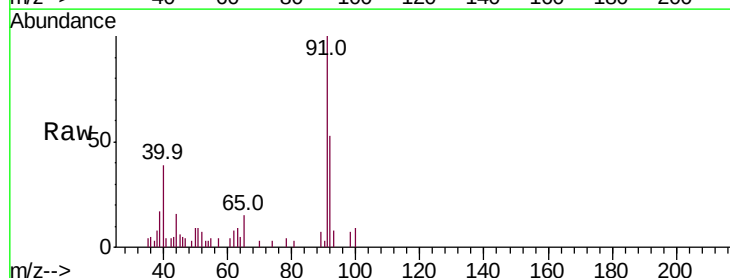
Acq: 11 Jun 2019 03:38

Tgt Ion: 91 Resp: 6680

Ion Ratio Lower Upper

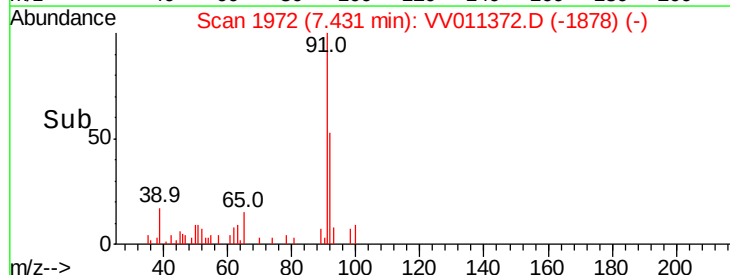
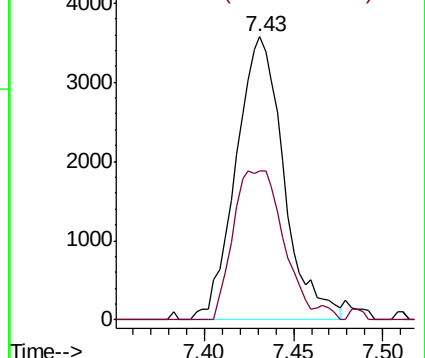
91 100

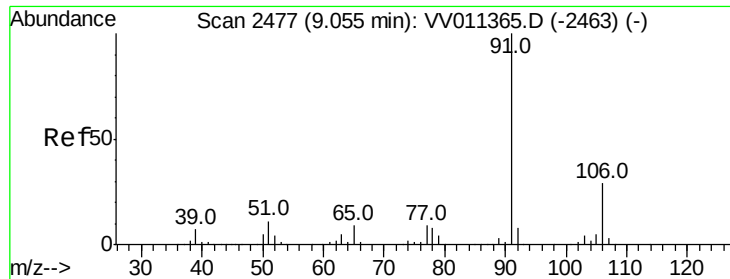
92 52.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#52

Ethylbenzene

Concen: 0.271 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV011372.D

Acq: 11 Jun 2019 03:38

Instrument :

MSVOA_V

ClientSampled :

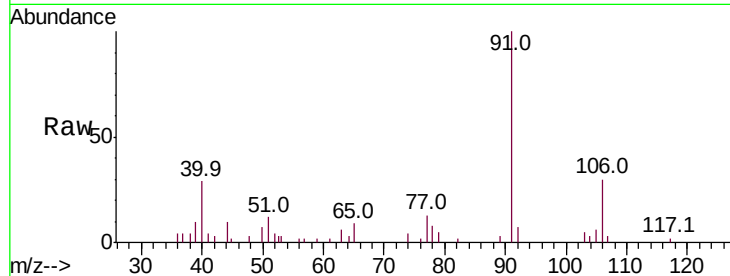
F9P69

Tot Ion: 91 Resp: 8308

Ion Ratio Lower Upper

91 100

106 29.9 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV011372.D (-2384) (-)

Ion 106.15 (105.85 to 106.85): VV011372.D (-2384) (-)

9.06

6000

5000

4000

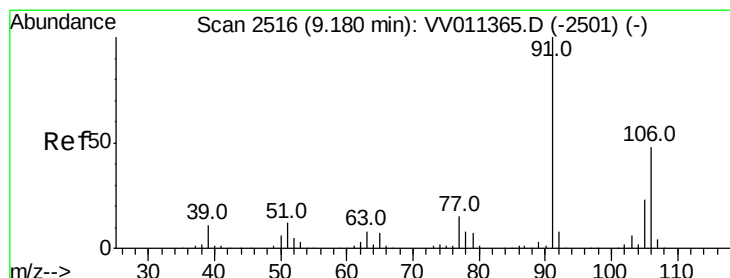
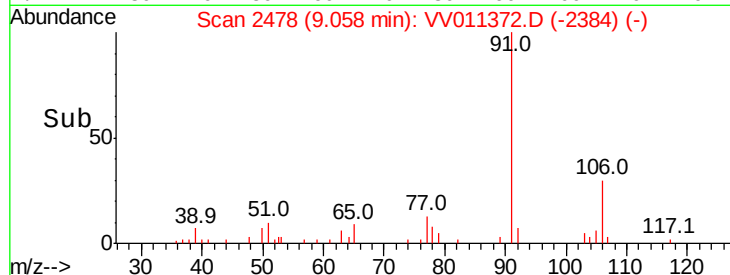
3000

2000

1000

0

Time-->



#53

m,p-xylene

Concen: 1.219 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV011372.D

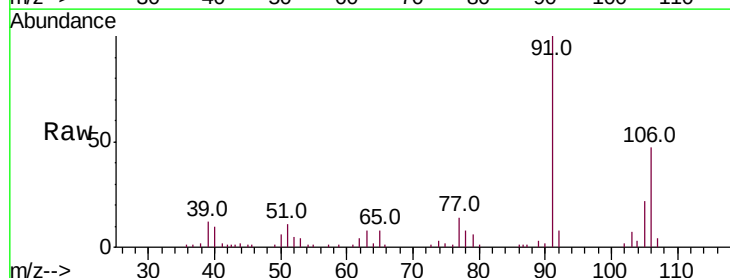
Acq: 11 Jun 2019 03:38

Tgt Ion: 106 Resp: 13838

Ion Ratio Lower Upper

106 100

91 213.7 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): VV011372.D (-2423) (-)

Ion 91.15 (90.85 to 91.85): VV011372.D (-2423) (-)

9.18

20000

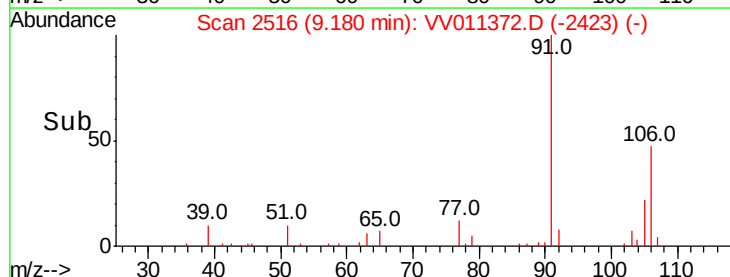
15000

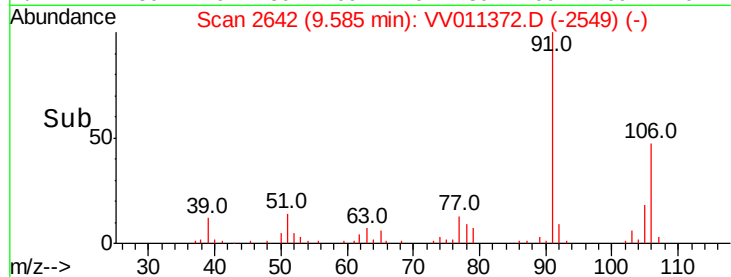
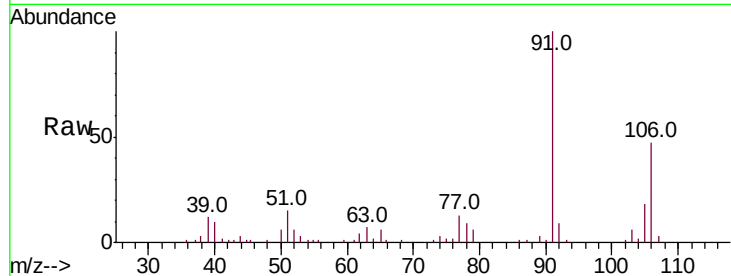
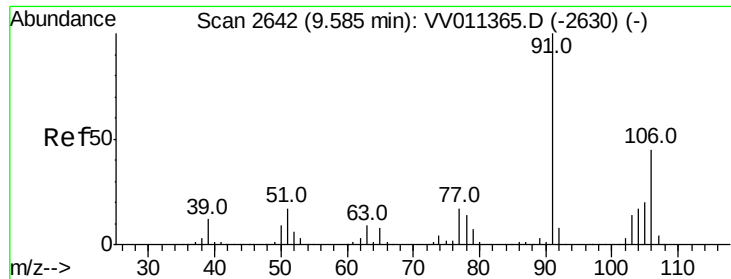
10000

5000

0

Time-->





#54

o-xylene

Concen: 1.017 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV011372.D

Acq: 11 Jun 2019 03:38

Instrument :
MSVOA_V
ClientSampleId :
F9P69

Tot Ion:106 Resp: 11331

Ion Ratio Lower Upper

106 100

91 215.0 155.4 288.6

