

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011370.D
 Acq On : 11 Jun 2019 02:42
 Operator : SY/MD
 Sample : K3229-03
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P67

Quant Time: Jun 11 04:19:07 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	146378	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41394	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.55	69	36774	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.12	63	66464	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.94	46	131305	52.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.16%
24) Chloroform-d	4.39	84	88360	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	51762	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	170602	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.11	67	54570	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	150307	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.66	79	15441	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.13	63	98980	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40533	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	49680	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

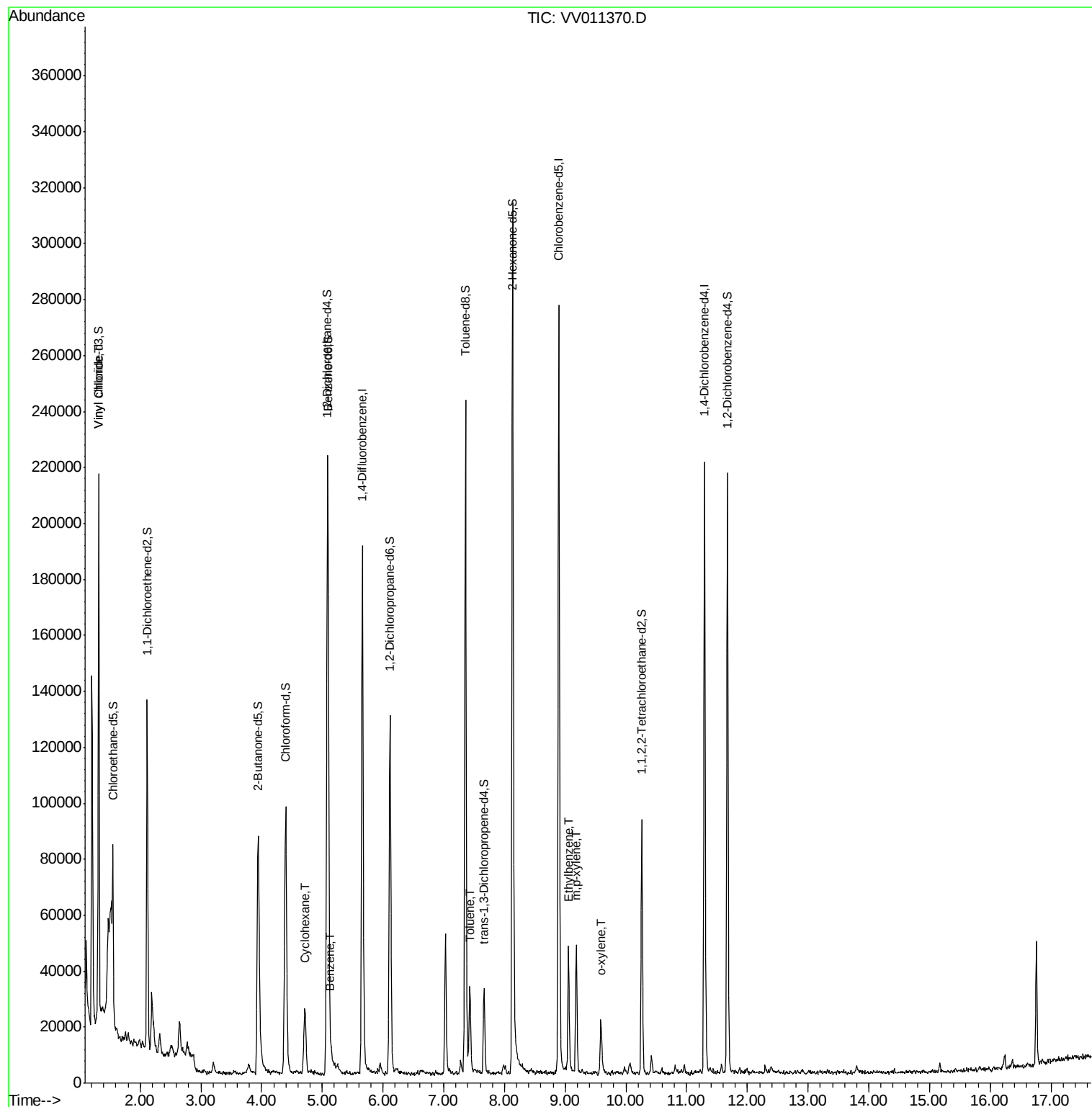
					Ovalue
5) Vinyl chloride	1.32	62	60622	4.501	ug/L 85
30) Cyclohexane	4.71	56	12070	0.630	ug/L 98
33) Benzene	5.14	78	4901	0.114	ug/L 100
42) Toluene	7.43	91	19483	0.424	ug/L 99
52) Ethylbenzene	9.05	91	30677	0.601	ug/L 100
53) m,p-xylene	9.18	106	12185	0.646	ug/L 93
54) o-xylene	9.59	106	4187	0.226	ug/L 95

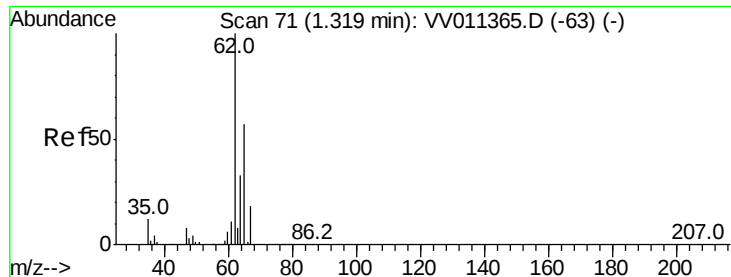
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 4.501 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

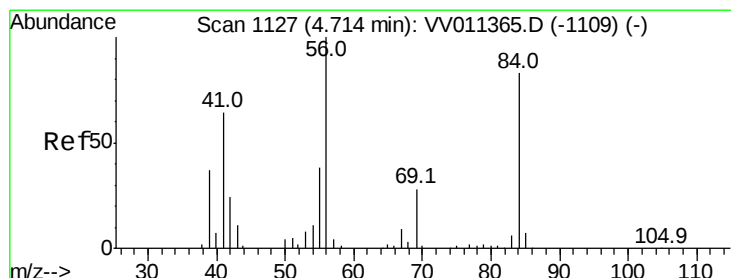
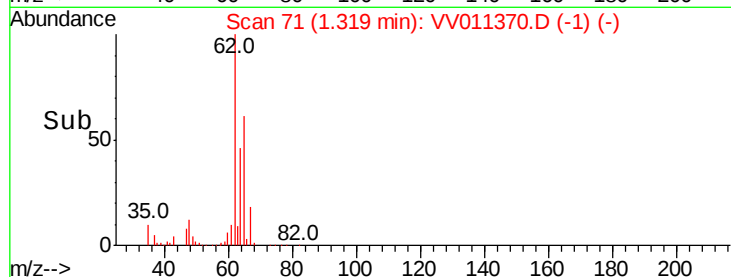
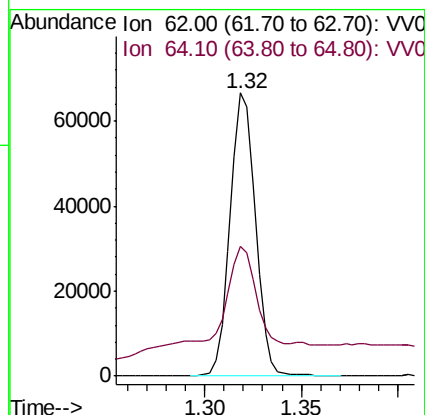
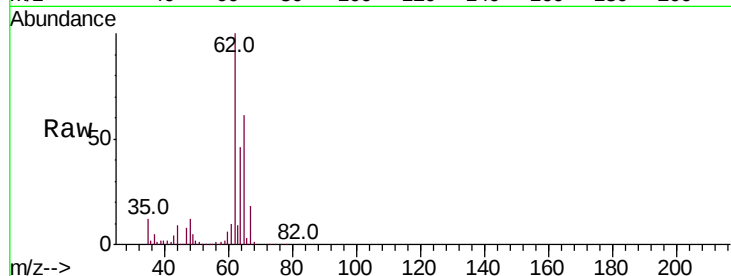
F9P67

Tot Ion: 62 Resp: 60622

Ion Ratio Lower Upper

62 100

64 46.0 25.9 48.1



#30

Cyclohexane

Concen: 0.630 ug/L

RT: 4.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

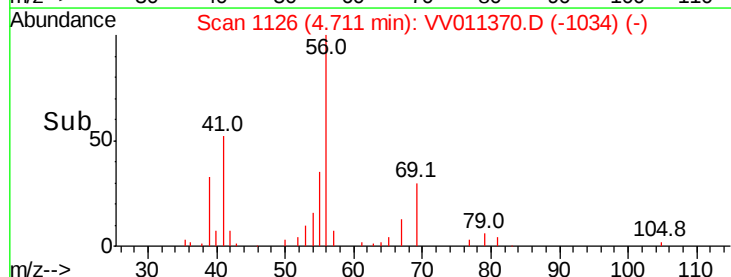
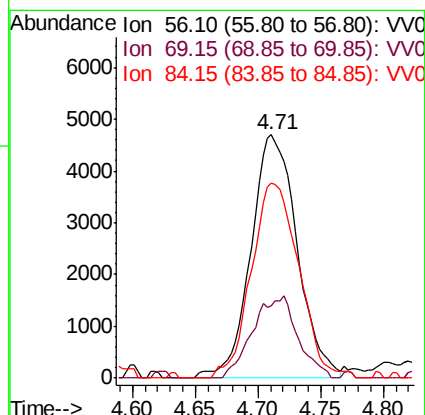
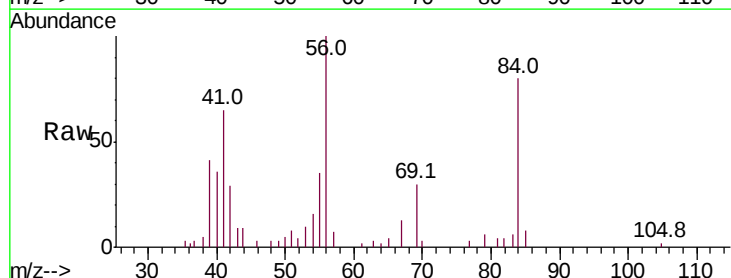
Tgt Ion: 56 Resp: 12070

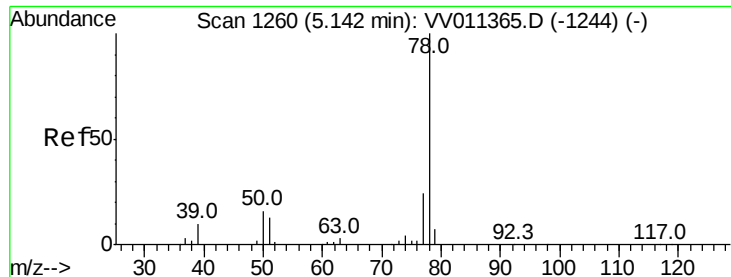
Ion Ratio Lower Upper

56 100

69 32.8 24.1 36.1

84 82.4 66.4 99.6





#33

Benzene

Concen: 0.114 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

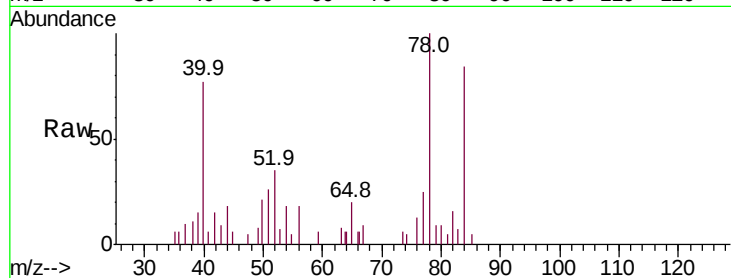
Instrument :

MSVOA_V

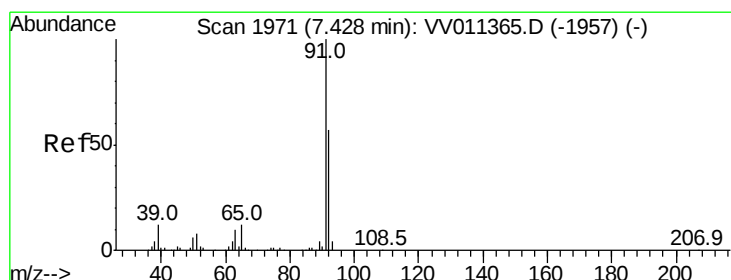
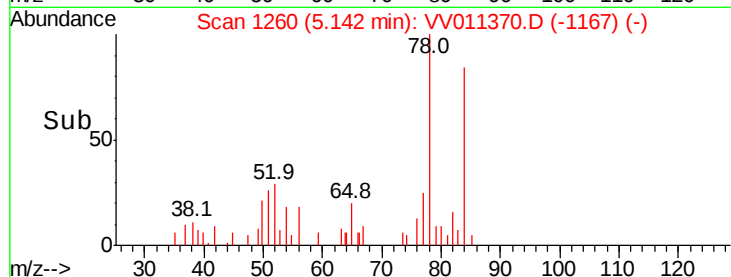
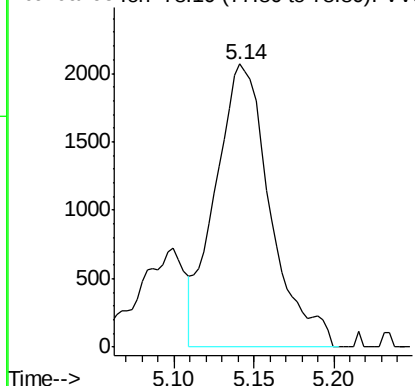
ClientSampleId :

F9P67

Tgt Ion: 78 Resp: 4901



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.424 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011370.D

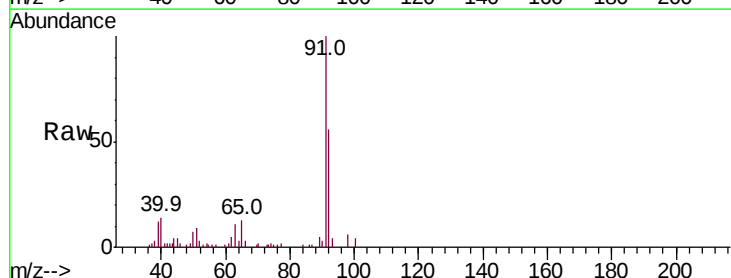
Acq: 11 Jun 2019 02:42

Tgt Ion: 91 Resp: 19483

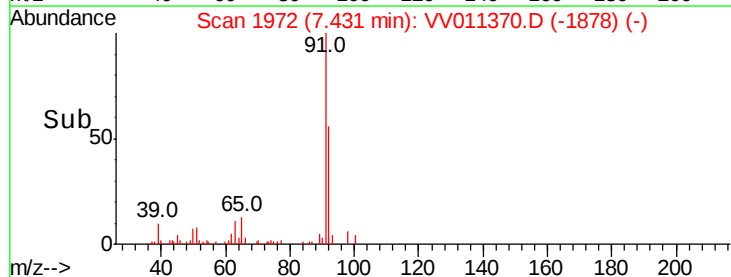
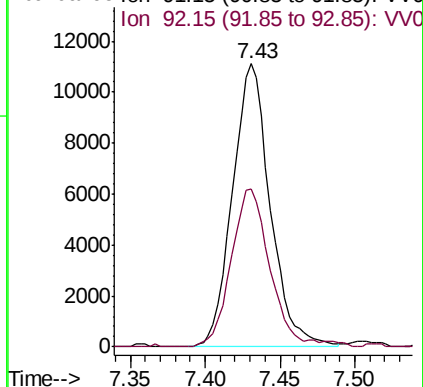
Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.9	74.1

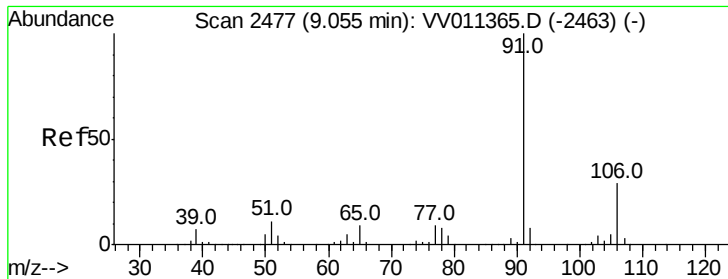
91 100

92 56.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 0.601 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Instrument :

MSVOA_V

ClientSampled :

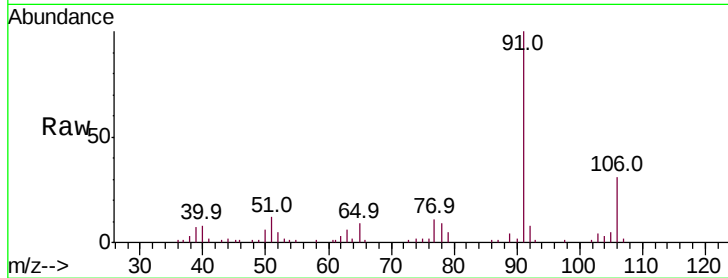
F9P67

Tot Ion: 91 Resp: 30677

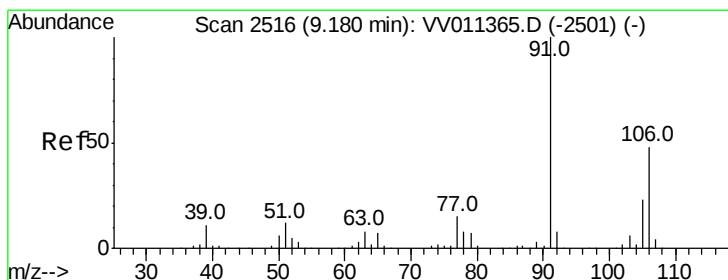
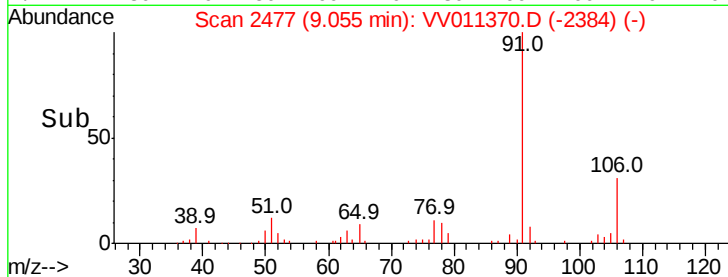
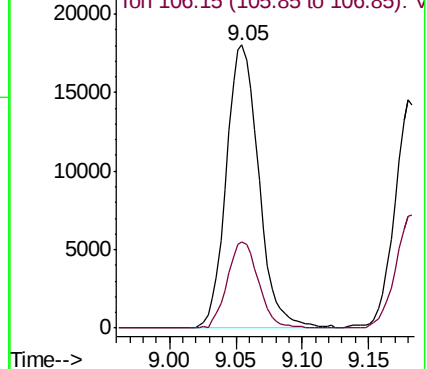
Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV011370.D (-2384) (-)



#53

m,p-xylene

Concen: 0.646 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011370.D

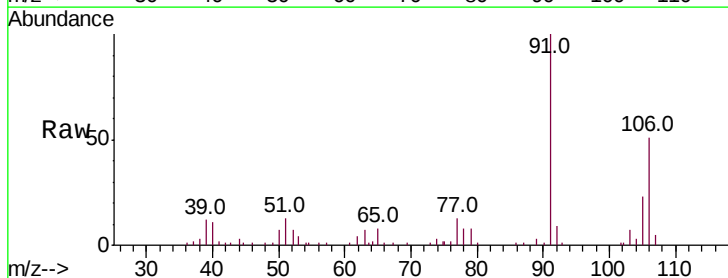
Acq: 11 Jun 2019 02:42

Tgt Ion: 106 Resp: 12185

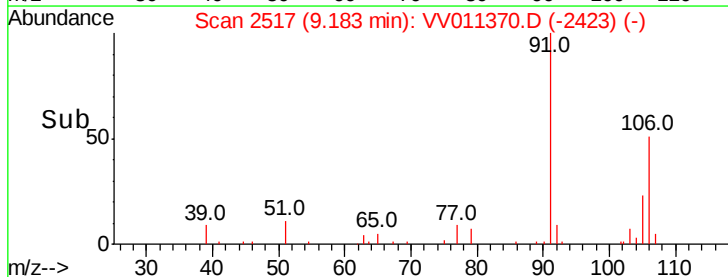
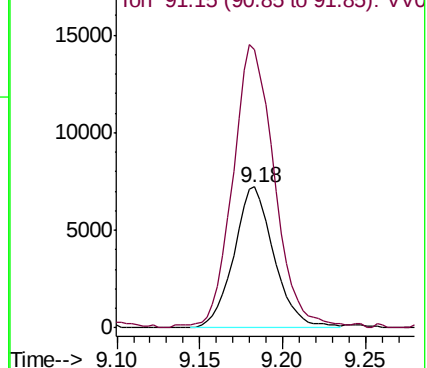
Ion Ratio Lower Upper

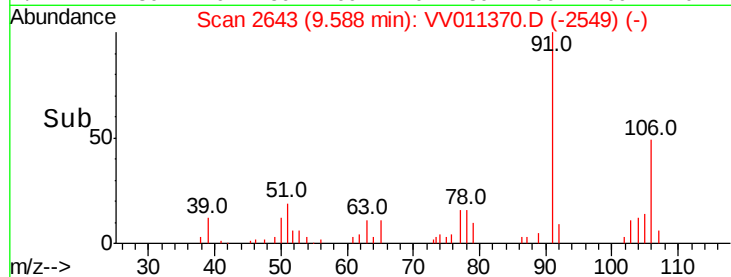
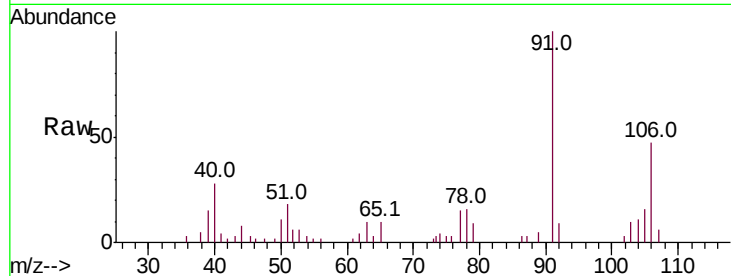
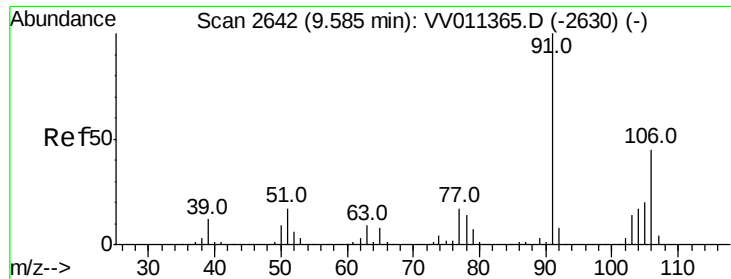
106 100

91 197.3 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): VV011370.D (-2423) (-)





#54

o-xylene

Concen: 0.226 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Instrument :

MSVOA_V

ClientSampleId :

F9P67

Tot Ion:106 Resp: 4187

Ion Ratio Lower Upper

106 100

91 214.4 155.4 288.6

Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

