

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016326.D
 Acq On : 29 May 2020 19:40
 Operator : SY/MD
 Sample : L2662-16 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B27

Quant Time: May 30 02:56:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99261	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93472	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21701	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.58	69	21063	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.12	63	34012	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.94	46	82170	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.38	84	52666	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.06	65	29762	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.08	84	104736	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	33069	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.34	98	94615	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
45) trans-1,3-Dichloropropene-	7.65	79	10954	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.12	63	60588	49.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23422	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	35612	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

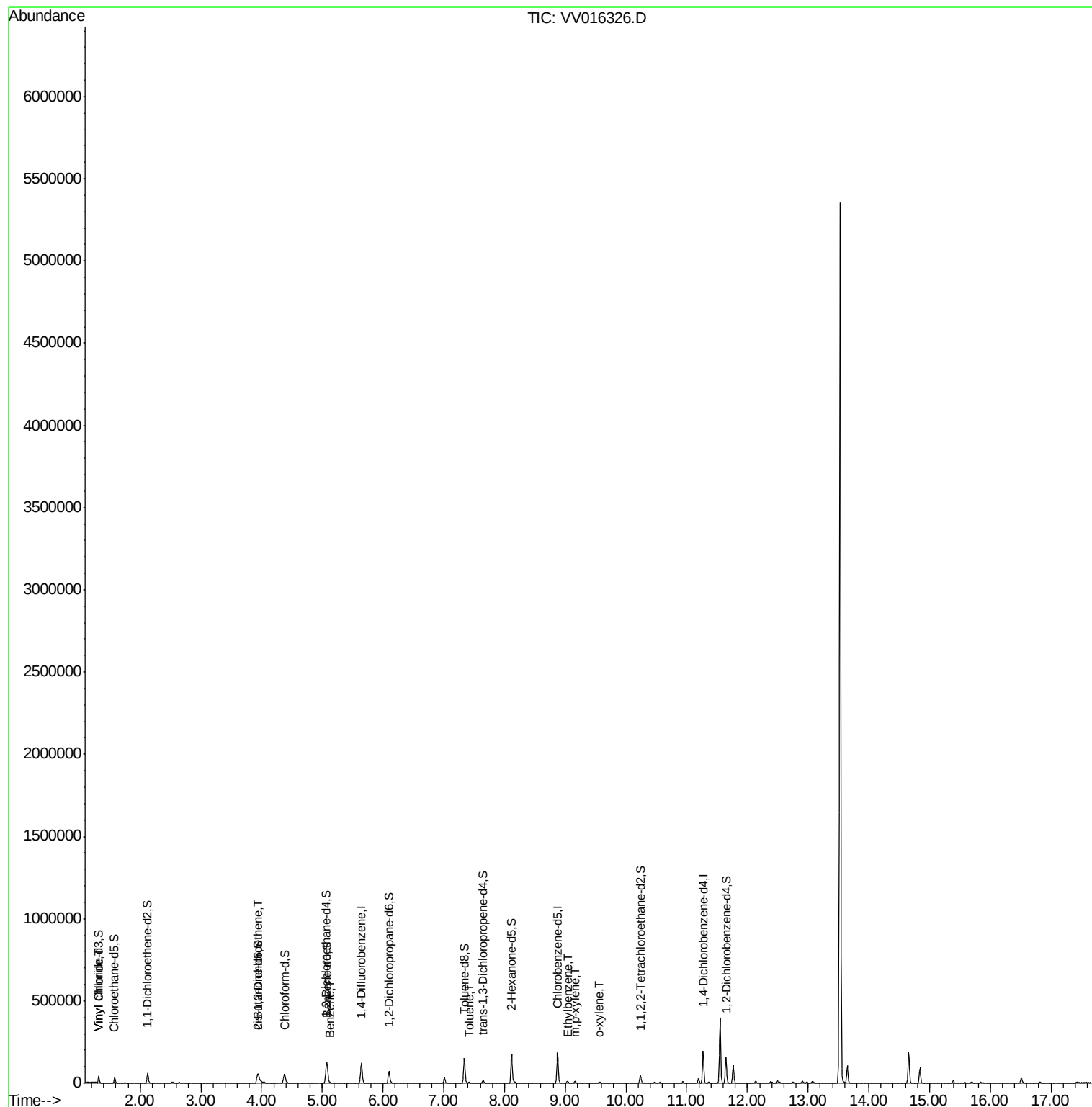
					Ovalue
5) Vinyl chloride	1.32	62	4552	0.524 ug/L	84
22) cis-1,2-Dichloroethene	3.94	96	10436	1.377 ug/L	90
33) Benzene	5.14	78	2354	0.088 ug/L	100
42) Toluene	7.41	91	5358	0.183 ug/L	97
54) Ethylbenzene	9.04	91	8065	0.247 ug/L	99
55) m,p-xylene	9.16	106	3086	0.252 ug/L	94
56) o-xylene	9.57	106	1941	0.166 ug/L	94

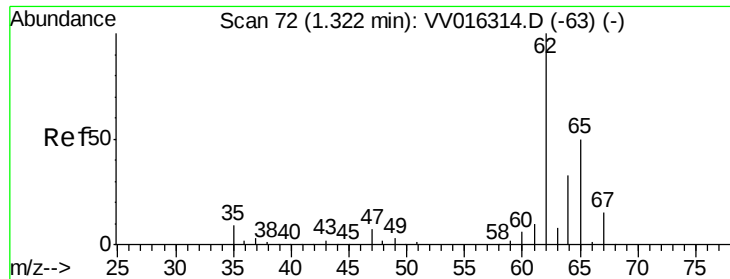
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.524 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV016326.D

Acq: 29 May 2020 19:40

Instrument :

MSVOA_V

ClientSampleId :

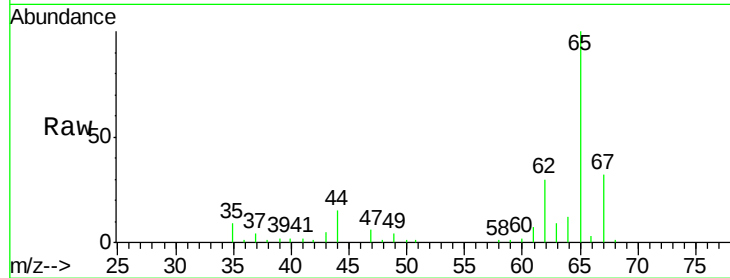
F9B27

Tot Ion: 62 Resp: 4552

Ion Ratio Lower Upper

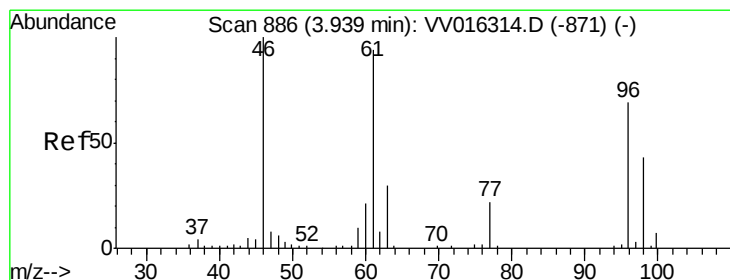
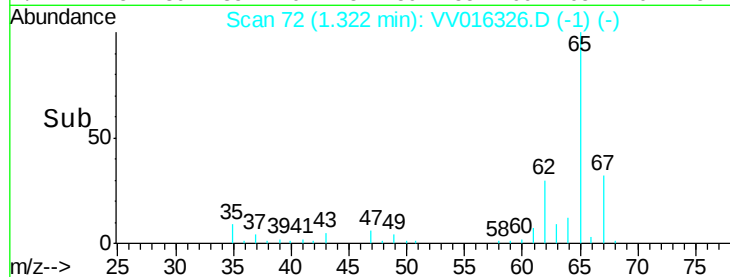
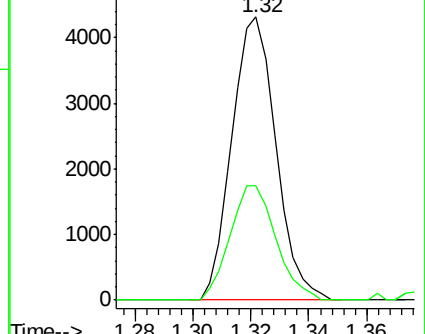
62 100

64 40.6 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 1.377 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016326.D

Acq: 29 May 2020 19:40

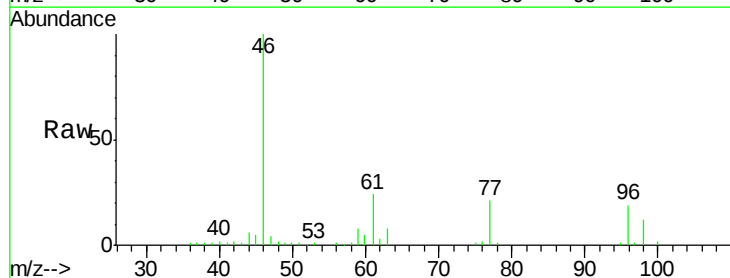
Tgt Ion: 96 Resp: 10436

Ion Ratio Lower Upper

96 100

61 130.7 99.7 185.1

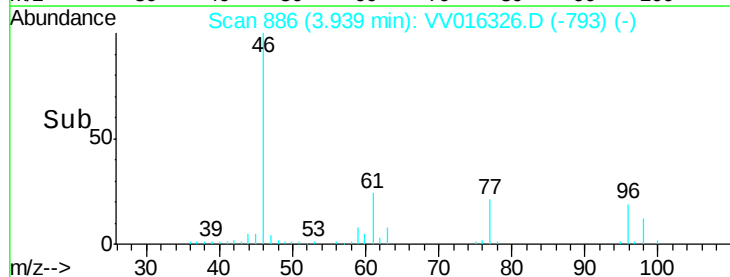
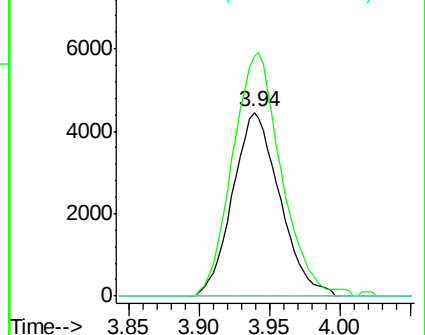
68 0.0 0.0 0.0

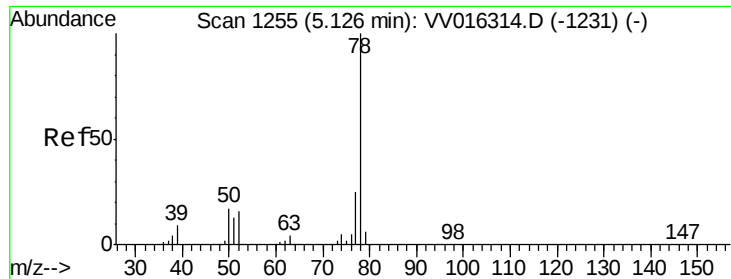


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#33

Benzene

Concen: 0.088 ug/L

RT: 5.14 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VV016326.D

Acq: 29 May 2020 19:40

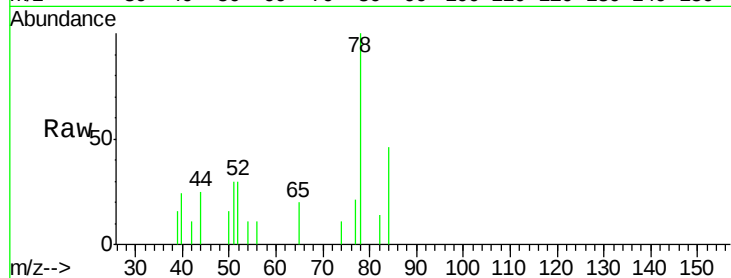
Instrument :

MSVOA_V

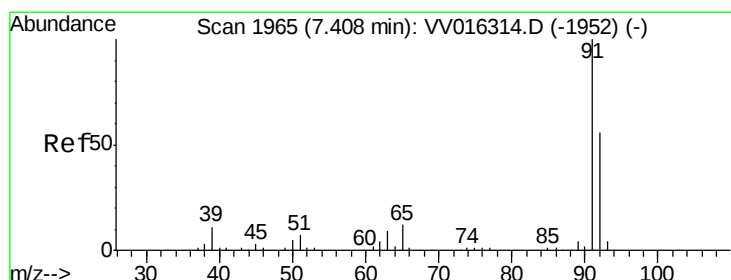
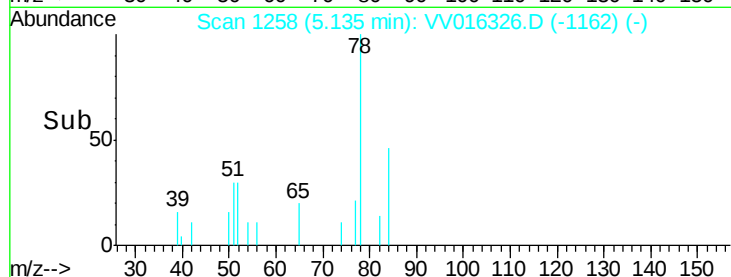
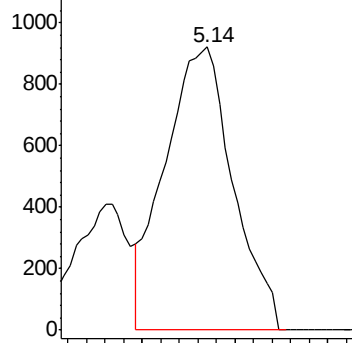
ClientSampled :

F9B27

Tgt Ion: 78 Resp: 2354



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.183 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016326.D

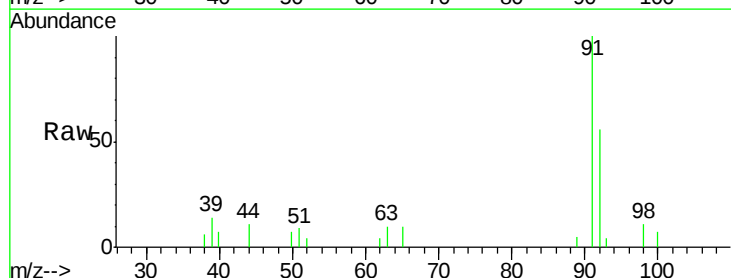
Acq: 29 May 2020 19:40

Tgt Ion: 91 Resp: 5358

Ion Ratio Lower Upper

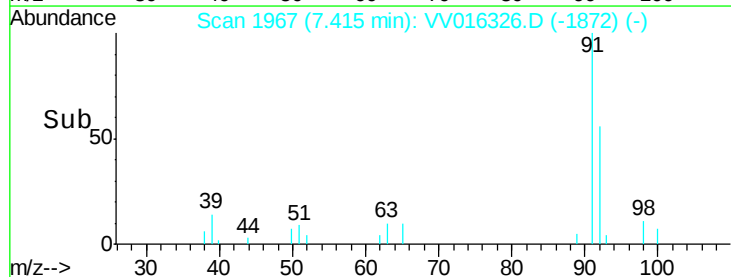
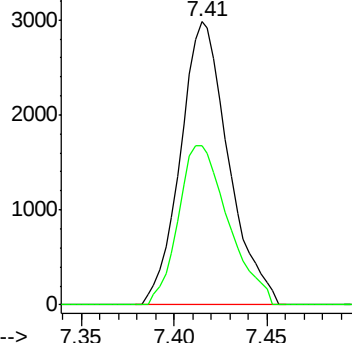
91 100

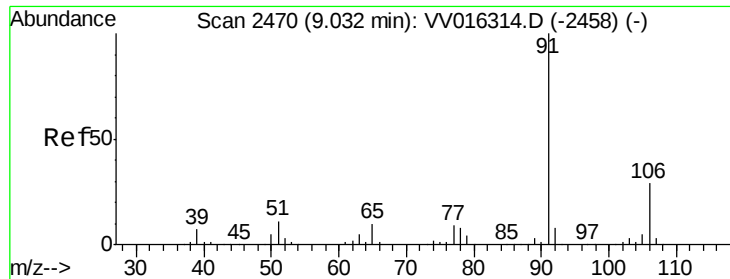
92 56.4 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#54

Ethylbenzene

Concen: 0.247 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016326.D

Acq: 29 May 2020 19:40

Instrument :

MSVOA_V

ClientSampled :

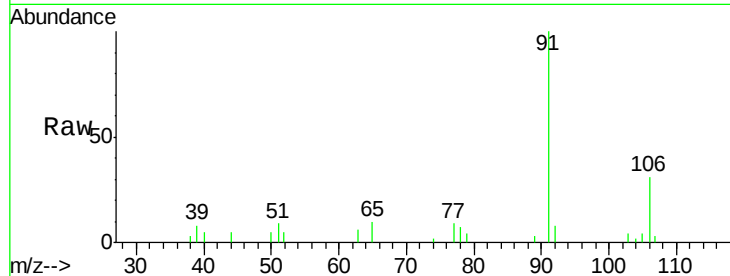
F9B27

Tot Ion: 91 Resp: 8065

Ion Ratio Lower Upper

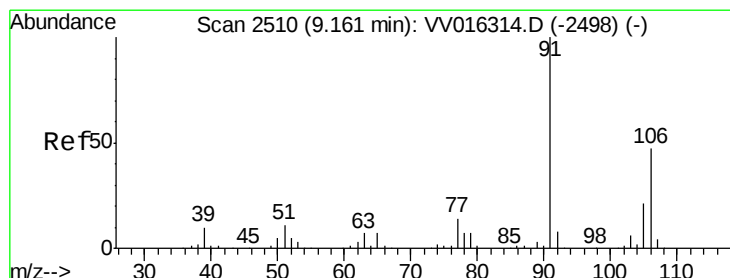
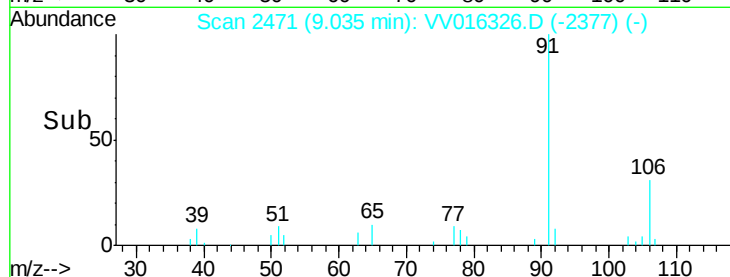
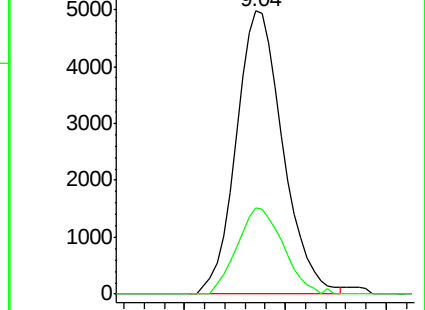
91 100

106 30.6 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016326.D (-2471) (-)

Ion 106.15 (105.85 to 106.85): VV016326.D (-2471) (-)



#55

m,p-xylene

Concen: 0.252 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016326.D

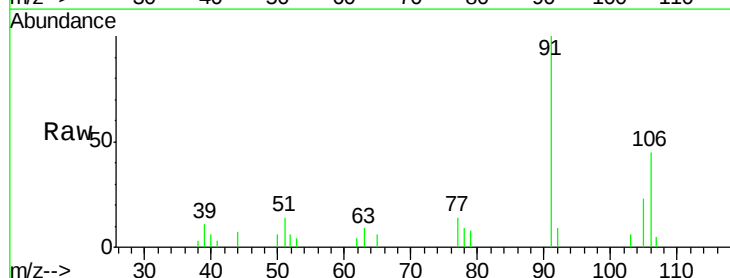
Acq: 29 May 2020 19:40

Tgt Ion: 106 Resp: 3086

Ion Ratio Lower Upper

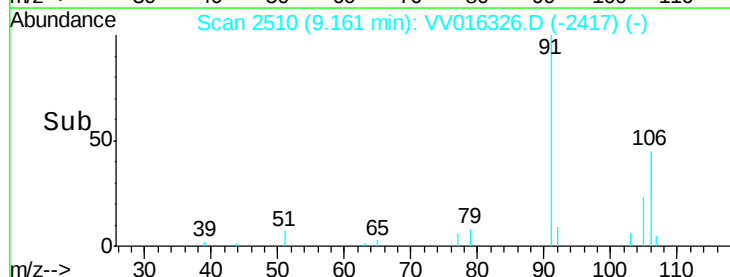
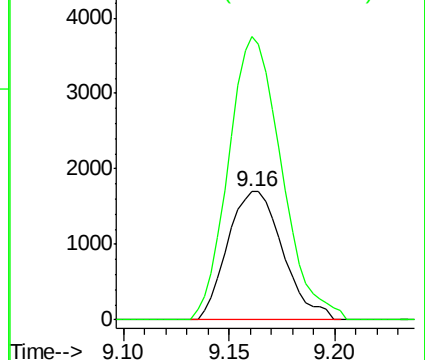
106 100

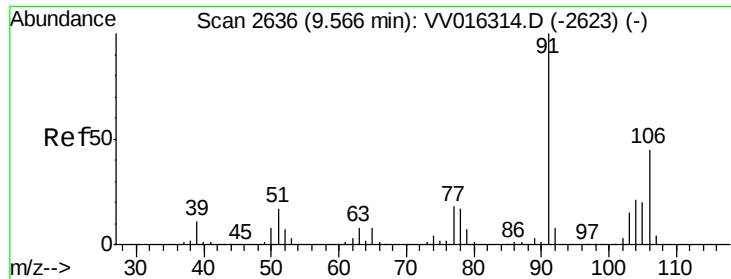
91 220.5 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016326.D (-2510) (-)

Ion 91.15 (90.85 to 91.85): VV016326.D (-2510) (-)





#56
 o-xylene
 Concen: 0.166 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. -0.00 min
 Lab File: VV016326.D
 Acq: 29 May 2020 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B27

Tot Ion:106 Resp: 1941
 Ion Ratio Lower Upper
 106 100
 91 235.9 158.8 294.8

