

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013691.D
 Acq On : 20 Nov 2019 16:21
 Operator : SY/MD
 Sample : K5910-21DL2 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK4DL2

Quant Time: Nov 21 01:34:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	334308	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	311117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	171515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136876	6.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.60%#
7) Chloroethane-d5	1.58	69	124670	6.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	135.20%#
11) 1,1-Dichloroethene-d2	2.13	63	187978	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	3.94	46	295527	61.88	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.76%
24) Chloroform-d	4.40	84	268976	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	5.08	65	131073	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.10	84	549467	6.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.80%#
36) 1,2-Dichloropropane-d6	6.11	67	163075	6.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.20%
41) Toluene-d8	7.36	98	483407	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
43) trans-1,3-Dichloropropene-	7.66	79	54715	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.13	63	215102	57.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111255	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	200724	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

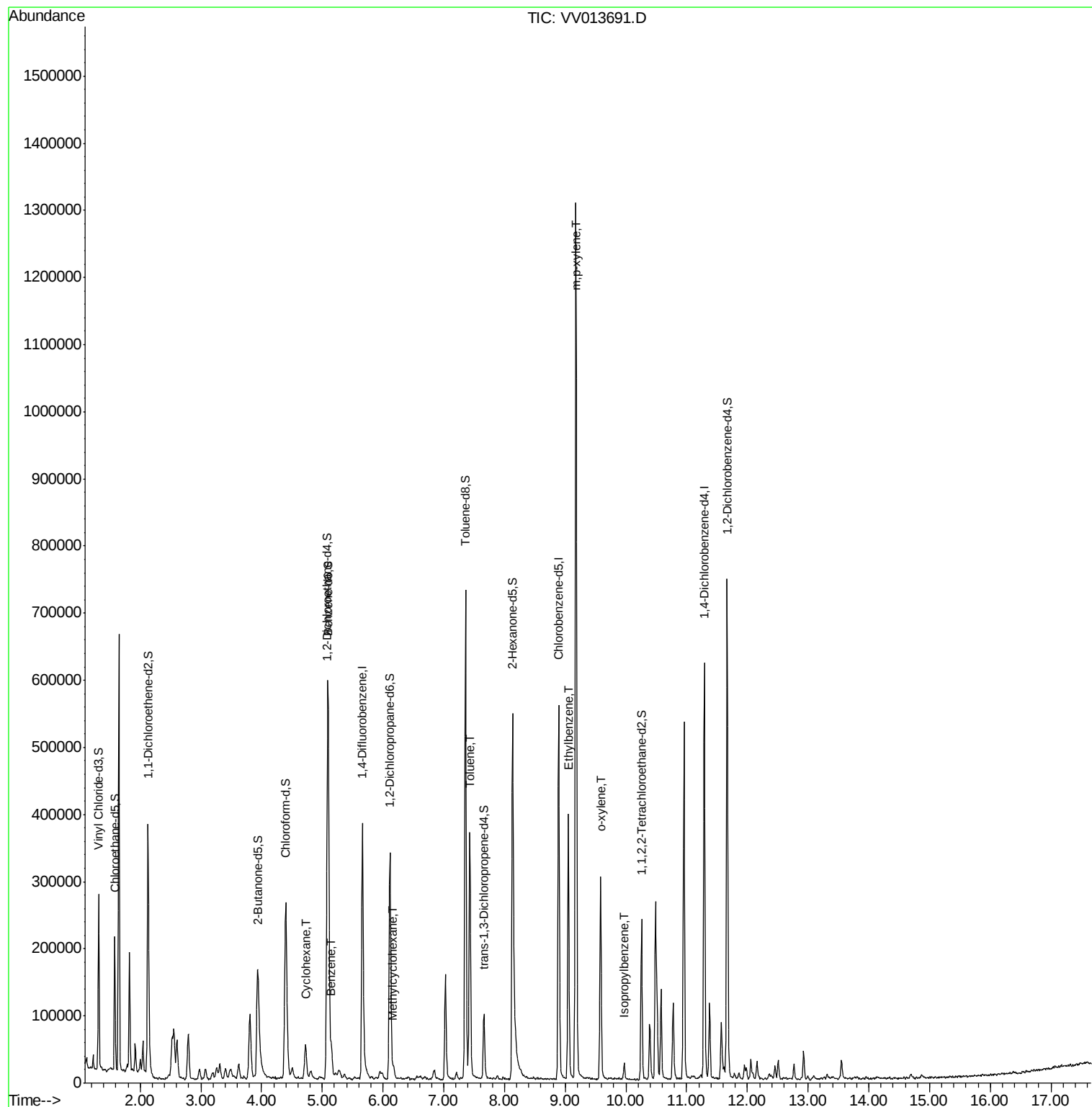
					Ovalue
30) Cyclohexane	4.72	56	26626	0.712 ug/L	98
33) Benzene	5.15	78	46744	0.496 ug/L	100
35) Methylcyclohexane	6.17	83	5065	0.132 ug/L #	70
42) Toluene	7.43	91	263315	2.617 ug/L	100
52) Ethylbenzene	9.05	91	266139	2.482 ug/L	96
53) m,p-xylene	9.18	106	364311	9.007 ug/L	99
54) o-xylene	9.58	106	80470	2.069 ug/L	97
56) Isopropylbenzene	9.97	105	15220	0.147 ug/L #	96

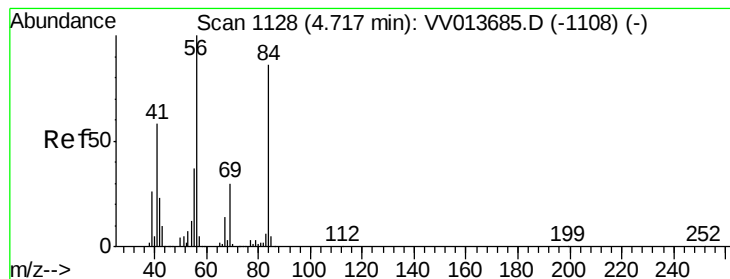
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.712 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VV013691.D

Acq: 20 Nov 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

GAQK4DL2

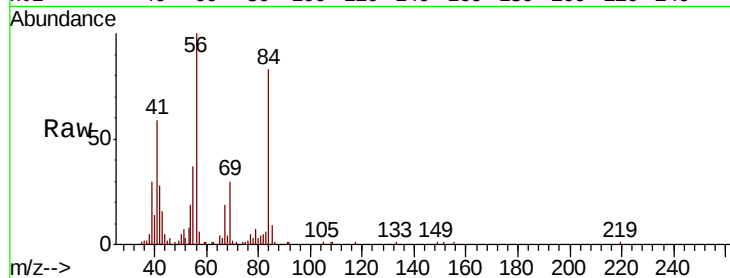
Tot Ion: 56 Resp: 26626

Ion Ratio Lower Upper

56 100

69 30.4 23.8 35.8

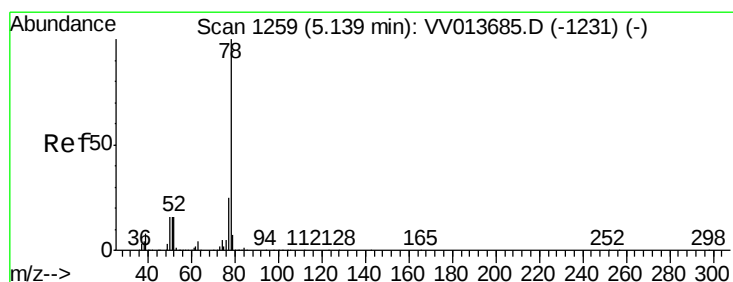
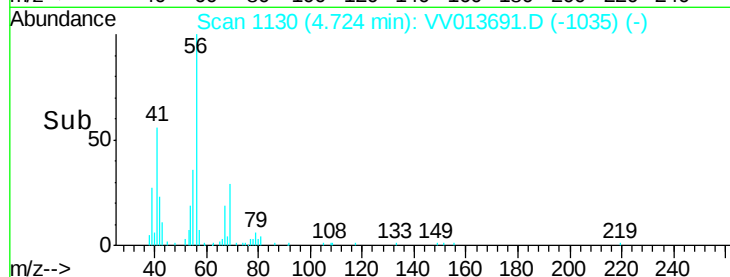
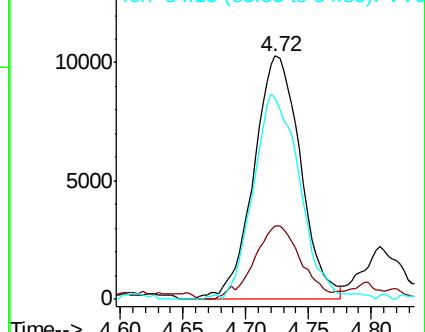
84 83.7 69.1 103.7



Abundance Ion 56.10 (55.80 to 56.80): VV013691.D (-1035) (-)

Ion 69.15 (68.85 to 69.85): VV013691.D (-1035) (-)

Ion 84.15 (83.85 to 84.85): VV013691.D (-1035) (-)



#33

Benzene

Concen: 0.496 ug/L

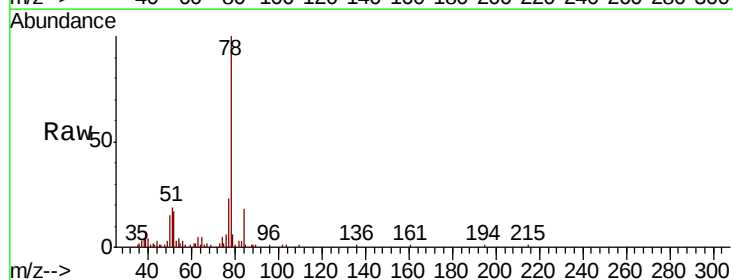
RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

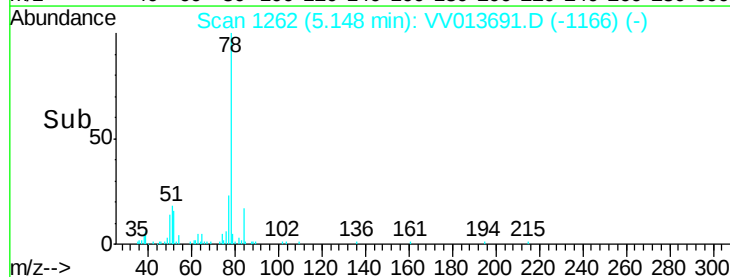
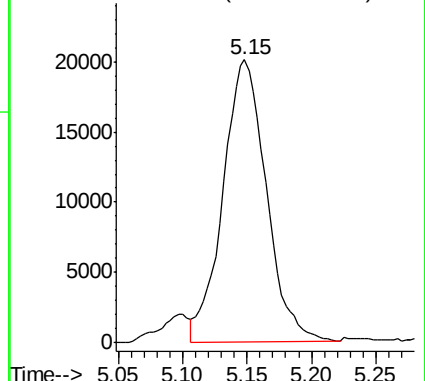
Lab File: VV013691.D

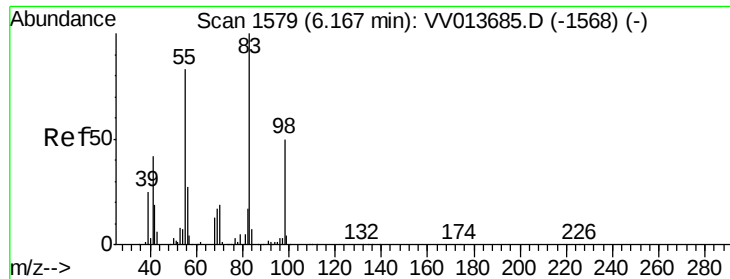
Acq: 20 Nov 2019 16:21

Tgt Ion: 78 Resp: 46744



Abundance Ion 78.10 (77.80 to 78.80): VV013691.D (-1166) (-)

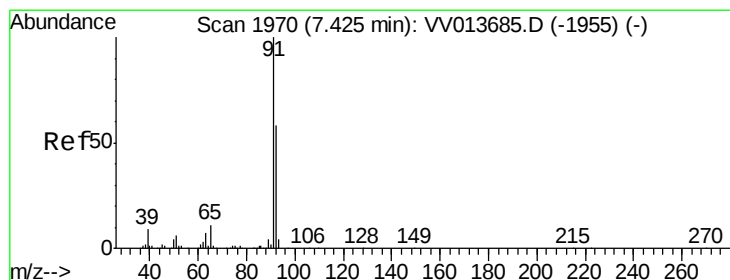
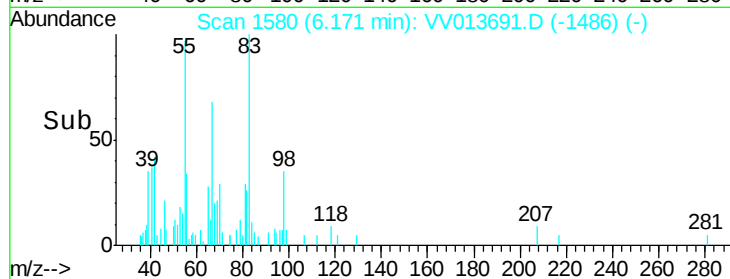
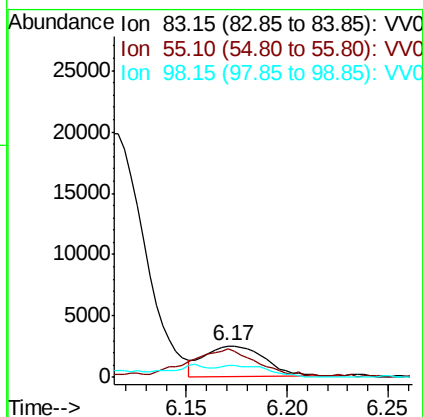
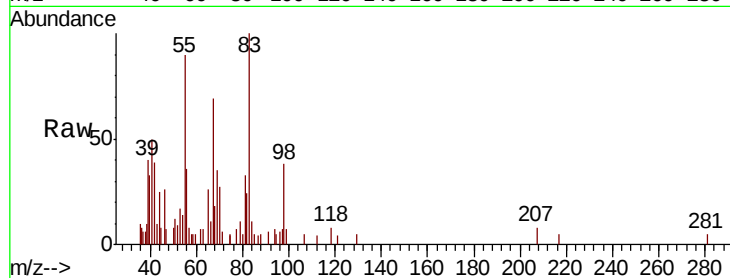




#35
Methvlcvclohexane
Concen: 0.132 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV013691.D
Acq: 20 Nov 2019 16:21

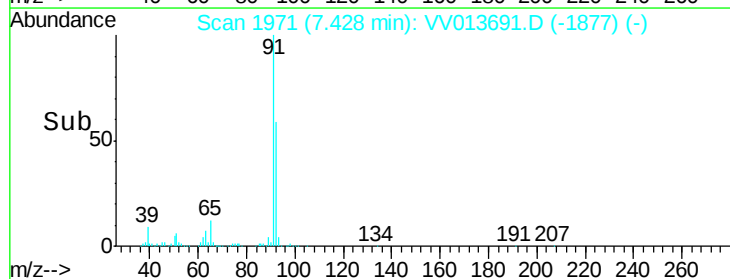
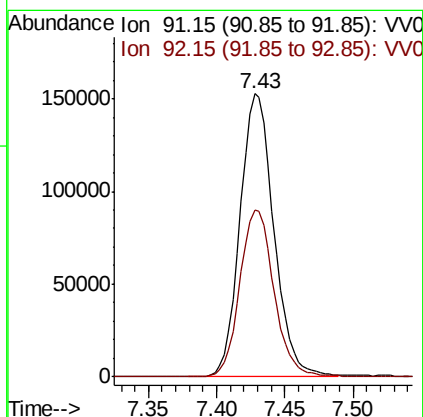
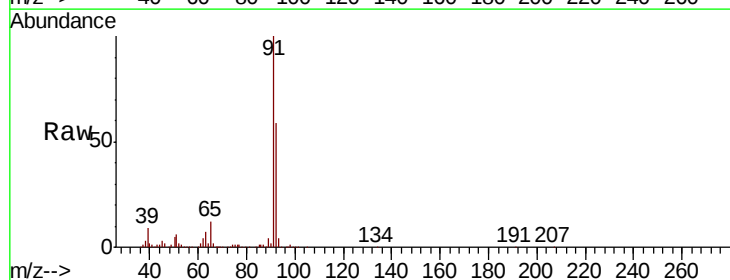
Instrument :
MSVOA_V
ClientSampled :
GAQK4DL2

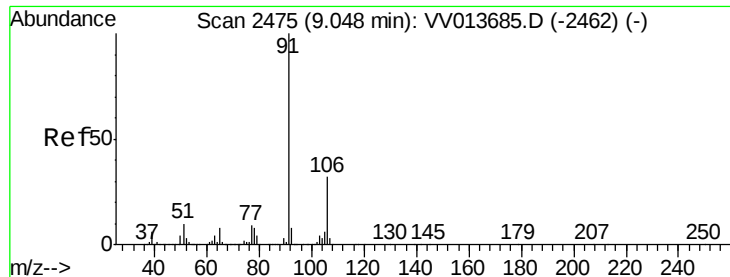
Tot Ion: 83 Resp: 5065
Ion Ratio Lower Upper
83 100
55 110.6 64.1 96.1#
98 32.0 38.2 57.2#



#42
Toluene
Concen: 2.617 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013691.D
Acq: 20 Nov 2019 16:21

Tgt Ion: 91 Resp: 263315
Ion Ratio Lower Upper
91 100
92 59.1 41.2 76.6





#52

Ethylbenzene

Concen: 2.482 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013691.D

Acq: 20 Nov 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

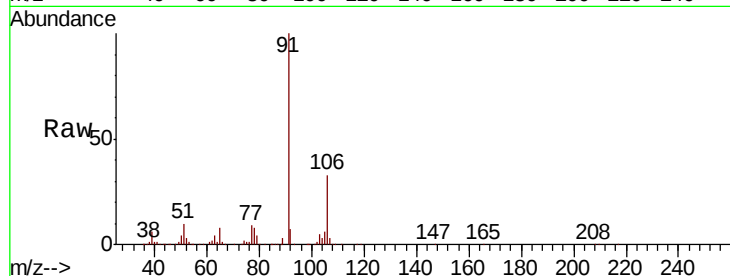
GAQK4DL2

Tot Ion: 91 Resp: 266139

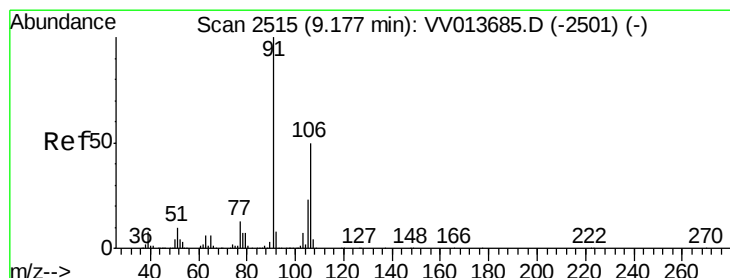
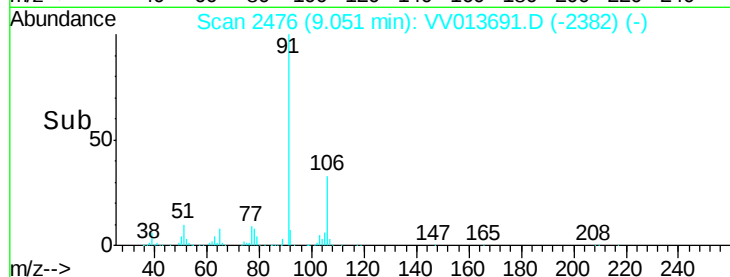
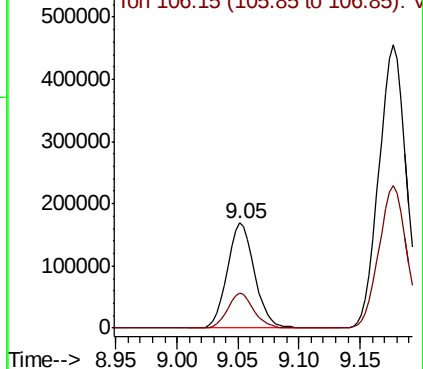
Ion Ratio Lower Upper

91 100

106 33.1 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV013691.D (-2382) (-)



#53

m,p-xylene

Concen: 9.007 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013691.D

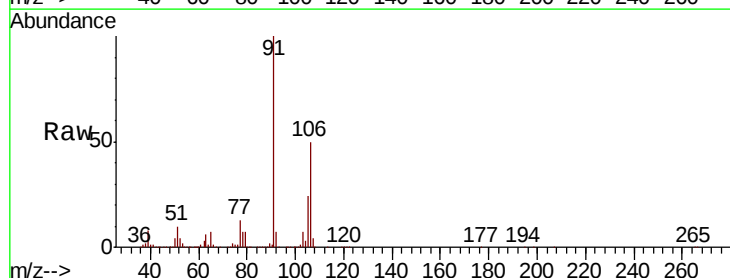
Acq: 20 Nov 2019 16:21

Tgt Ion: 106 Resp: 364311

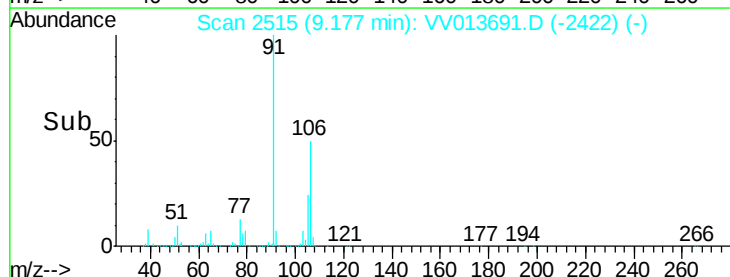
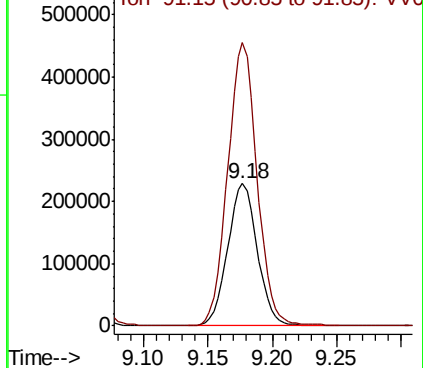
Ion Ratio Lower Upper

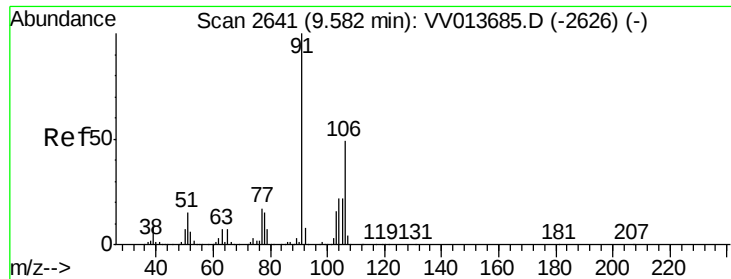
106 100

91 198.7 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VV013691.D (-2422) (-)

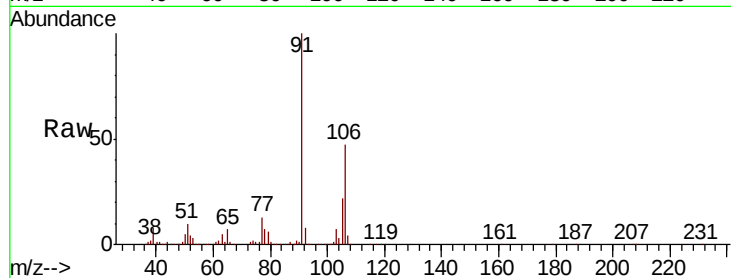




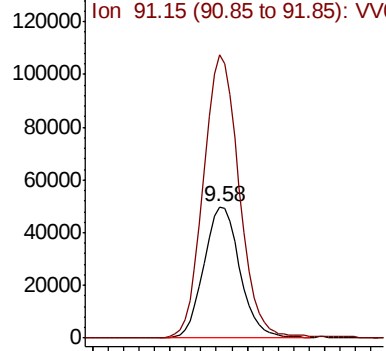
#54
o-xylene
Concen: 2.069 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV013691.D
Acq: 20 Nov 2019 16:21

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

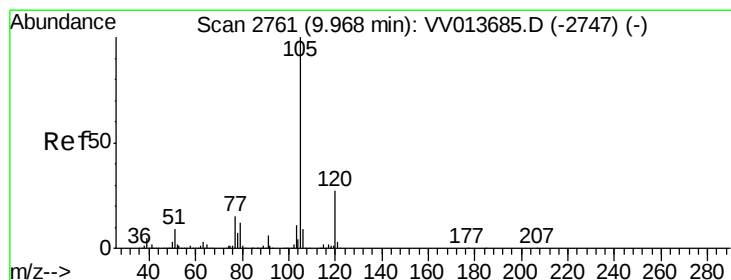
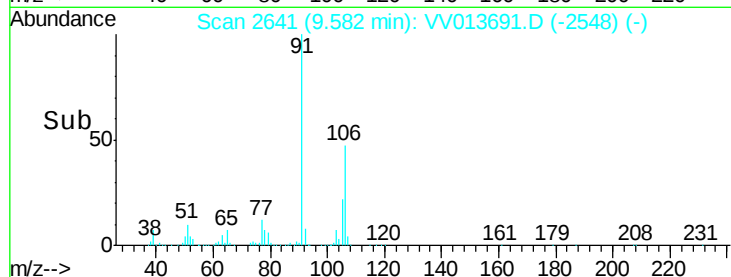
Tot Ion:106 Resp: 80470
Ion Ratio Lower Upper
106 100
91 214.9 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

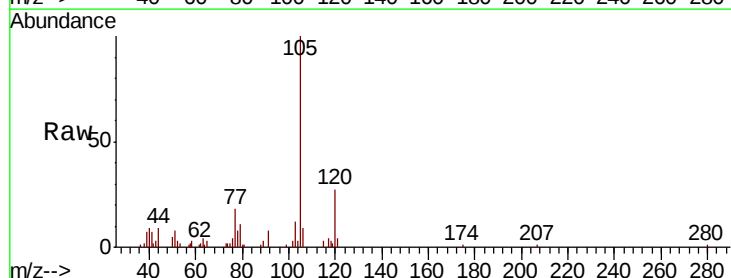


Time--> 9.50 9.55 9.60 9.65

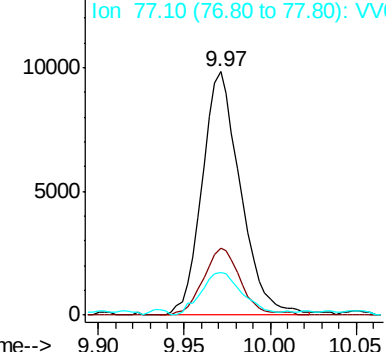


#56
Isopropylbenzene
Concen: 0.147 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013691.D
Acq: 20 Nov 2019 16:21

Tgt Ion:105 Resp: 15220
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 19.6 11.9 17.9#



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VV0



Time--> 9.90 9.95 10.00 10.05

