

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
 Data File : VV013680.D
 Acq On : 19 Nov 2019 15:57
 Operator : SY/MD
 Sample : K5910-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK5

Quant Time: Nov 20 03:21:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 01:31:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	371990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	356424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	188092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100451	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	99974	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	147109	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.92	46	335685	63.17	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.34%
24) Chloroform-d	4.40	84	243144	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	126288	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	503723	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.11	67	158856	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	444146	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	55971	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	258636	60.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.98%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	117670	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	203614	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

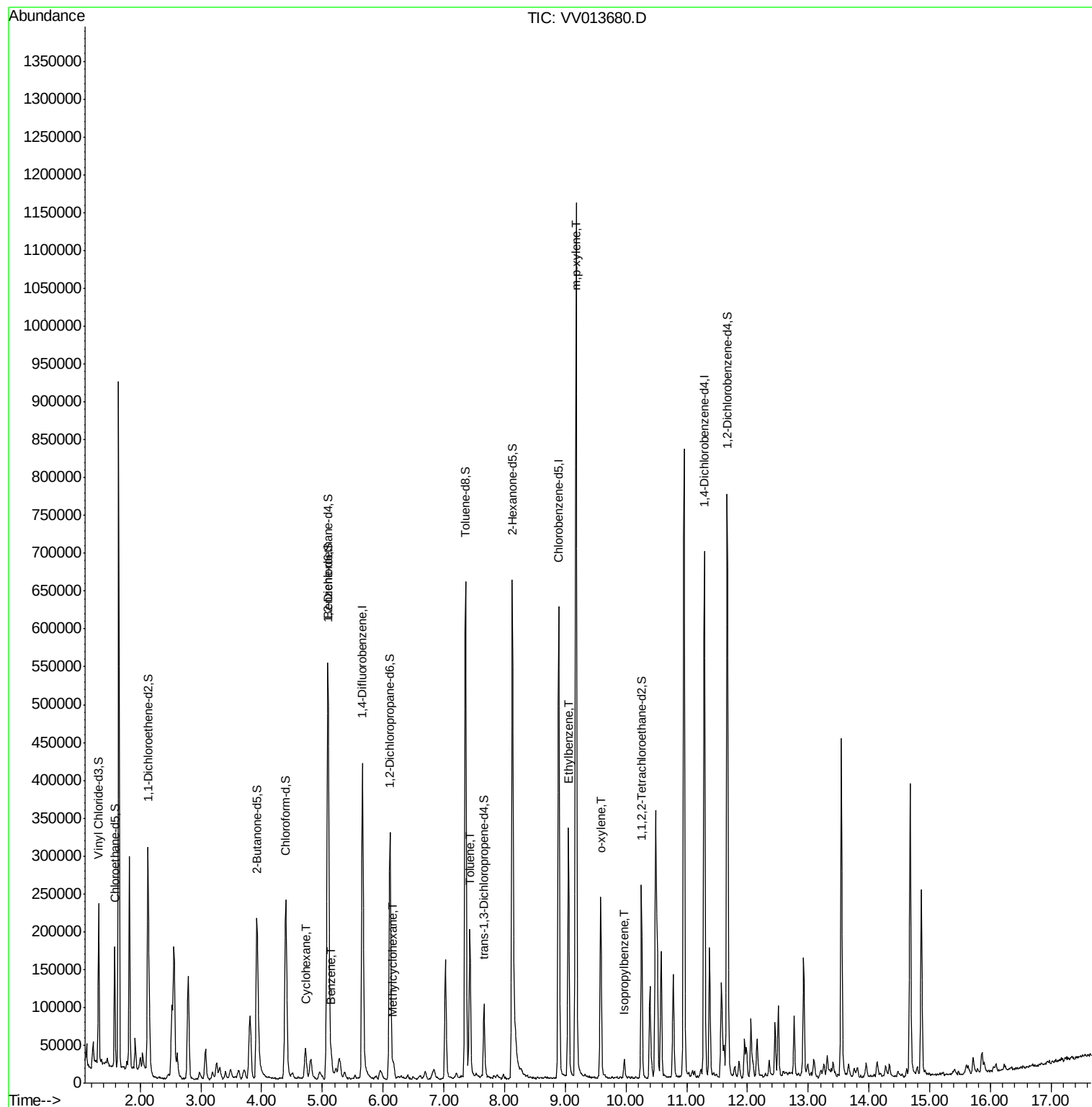
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	4.73	56	19303	0.450	ug/L	# 94
33) Benzene	5.15	78	25148	0.233	ug/L	100
35) Methylcyclohexane	6.17	83	6799	0.154	ug/L	90
42) Toluene	7.43	91	143833	1.248	ug/L	98
52) Ethylbenzene	9.05	91	233321	1.899	ug/L	99
53) m,p-xylene	9.18	106	329650	7.114	ug/L	98
54) o-xylene	9.58	106	65428	1.468	ug/L	96
56) Isopropylbenzene	9.97	105	15107	0.127	ug/L	97

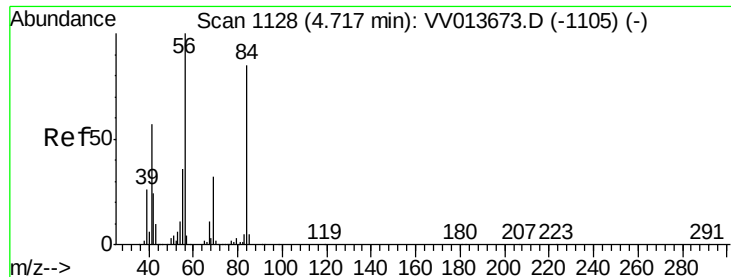
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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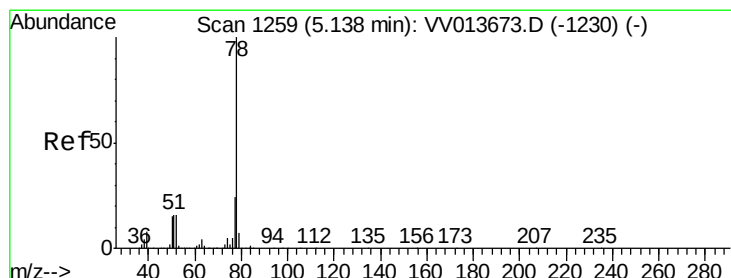
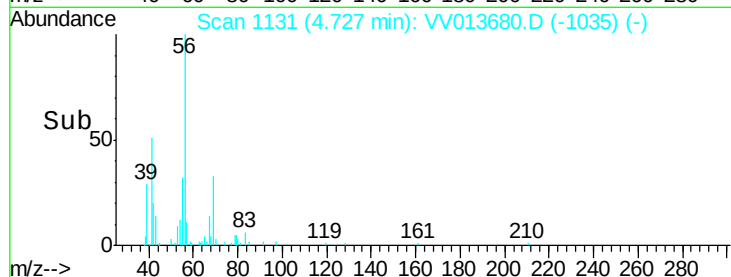
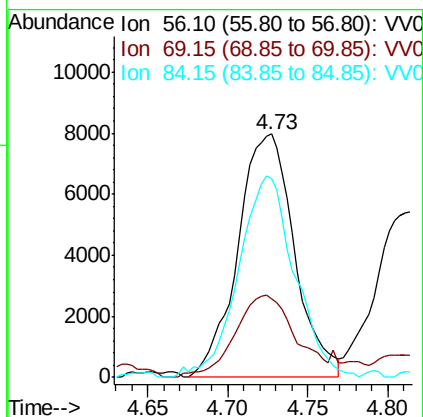
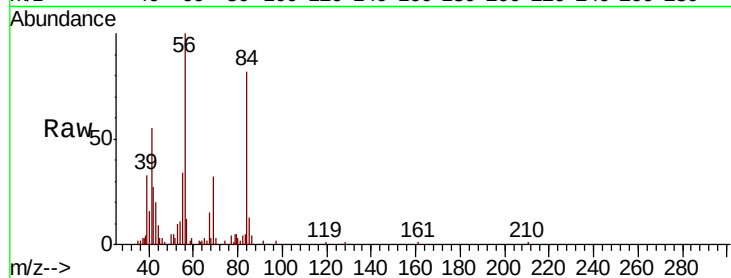




#30
Cyclohexane
Concen: 0.450 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VV013680.D
Acq: 19 Nov 2019 15:57

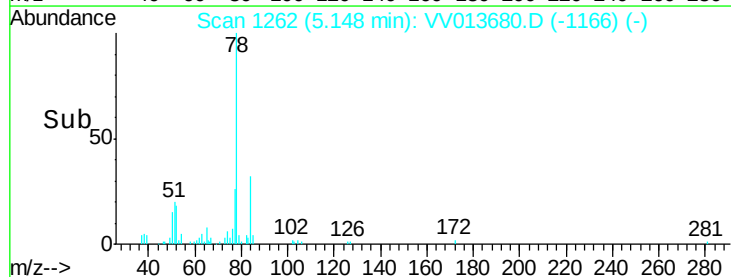
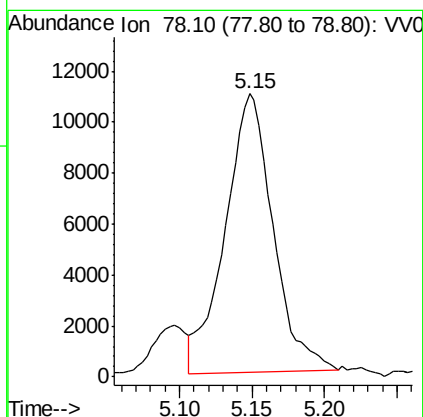
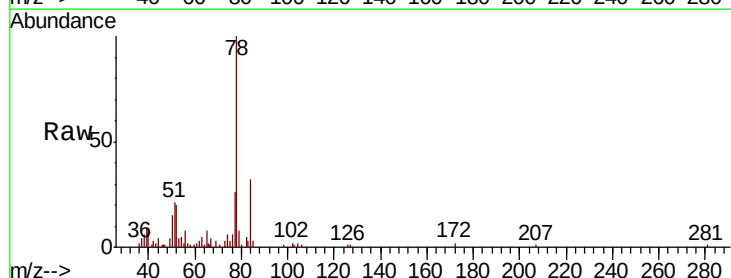
Instrument :
MSVOA_V
ClientSampleId :
GAQK5

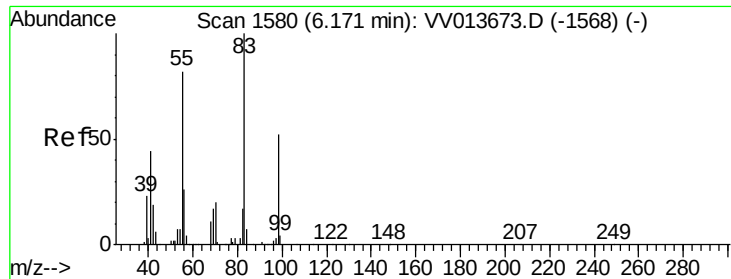
Tot Ion: 56 Resp: 19303
Ion Ratio Lower Upper
56 100
69 36.0 23.8 35.8#
84 82.4 69.1 103.7



#33
Benzene
Concen: 0.233 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013680.D
Acq: 19 Nov 2019 15:57

Tgt Ion: 78 Resp: 25148

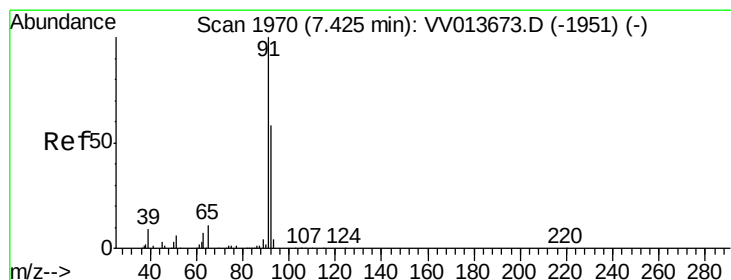
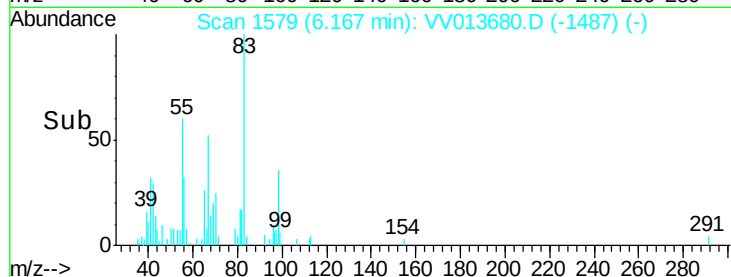
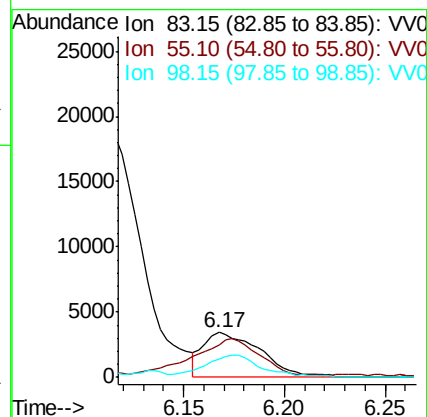
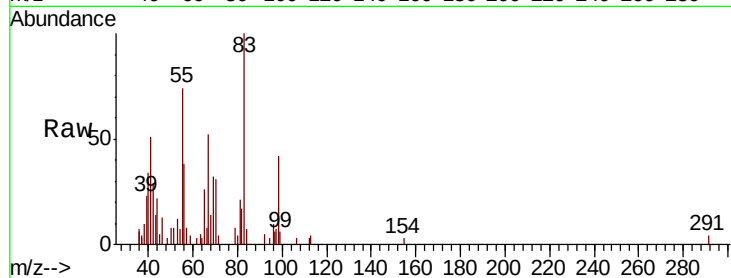




#35
Methylvlcyclohexane
Concen: 0.154 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VV013680.D
Acq: 19 Nov 2019 15:57

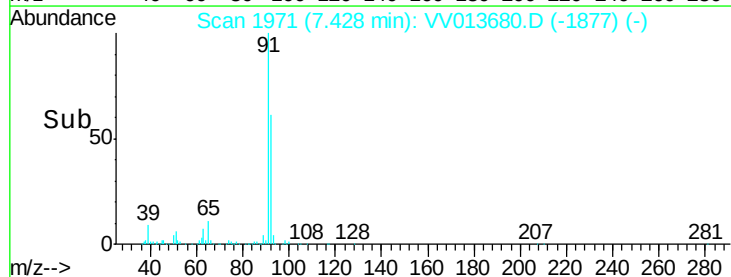
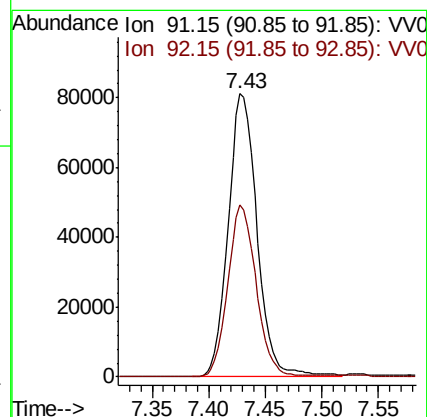
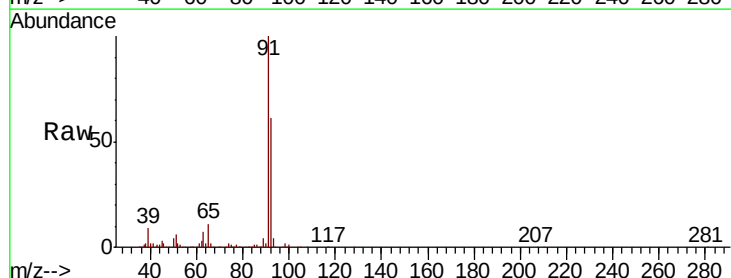
Instrument :
MSVOA_V
ClientSampleId :
GAQK5

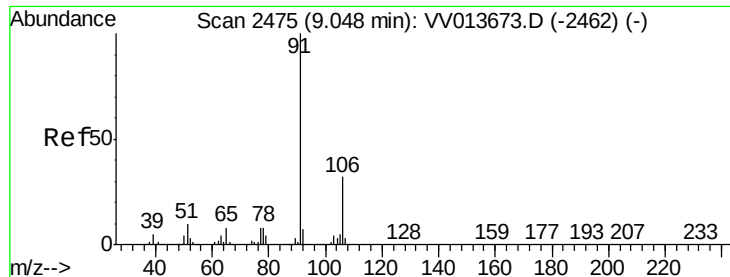
Tot Ion: 83 Resp: 6799
Ion Ratio Lower Upper
83 100
55 92.0 64.1 96.1
98 49.6 38.2 57.2



#42
Toluene
Concen: 1.248 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013680.D
Acq: 19 Nov 2019 15:57

Tgt Ion: 91 Resp: 143833
Ion Ratio Lower Upper
91 100
92 60.6 41.2 76.6





#52

Ethylbenzene

Concen: 1.899 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013680.D

Acq: 19 Nov 2019 15:57

Instrument :

MSVOA_V

ClientSampleID :

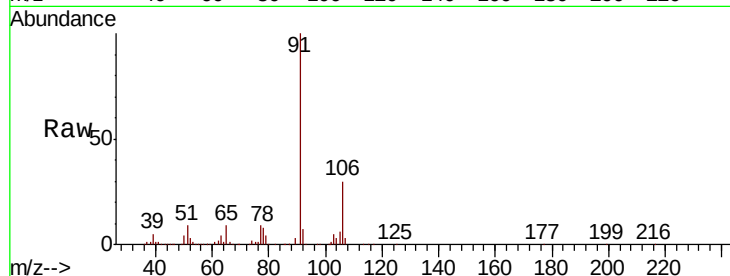
GAQK5

Tot Ion: 91 Resp: 233321

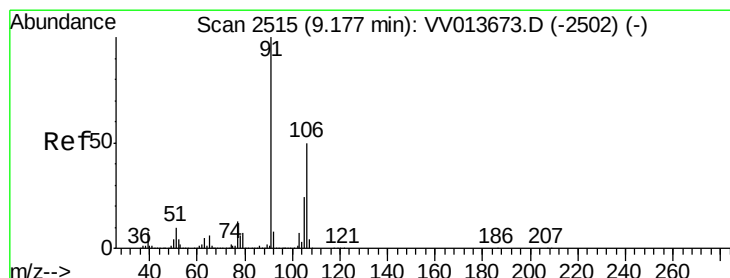
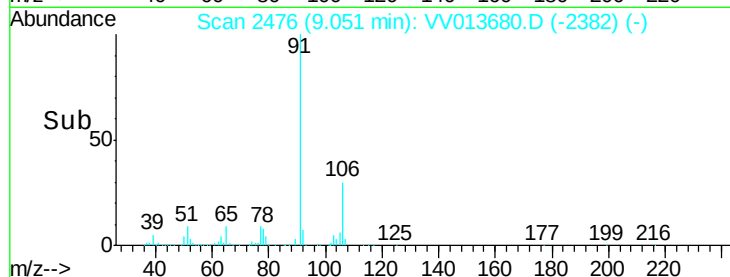
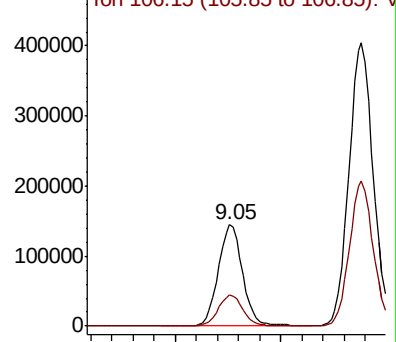
Ion Ratio Lower Upper

91 100

106 30.2 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV013673.D (-2462) (-)



#53

m,p-xylene

Concen: 7.114 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013680.D

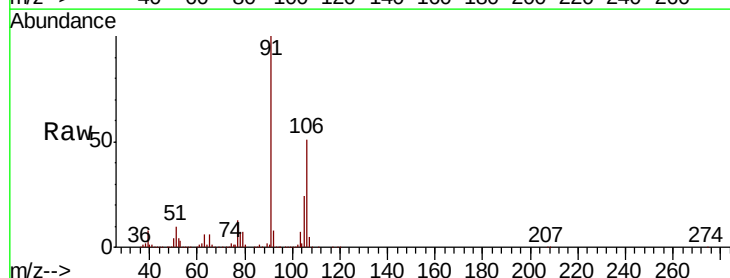
Acq: 19 Nov 2019 15:57

Tgt Ion: 106 Resp: 329650

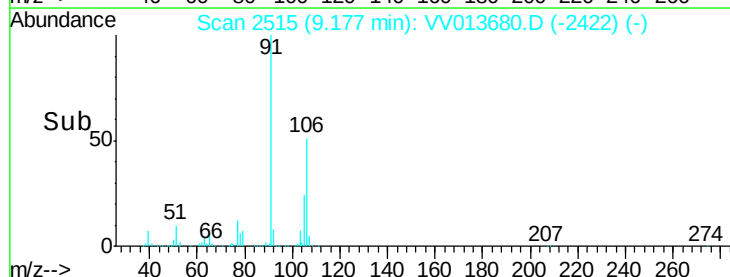
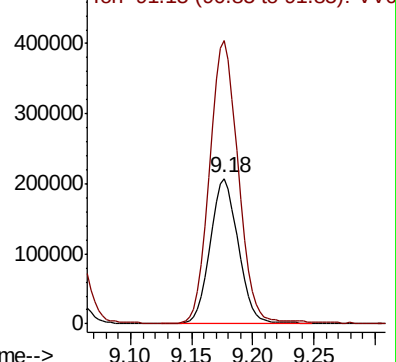
Ion Ratio Lower Upper

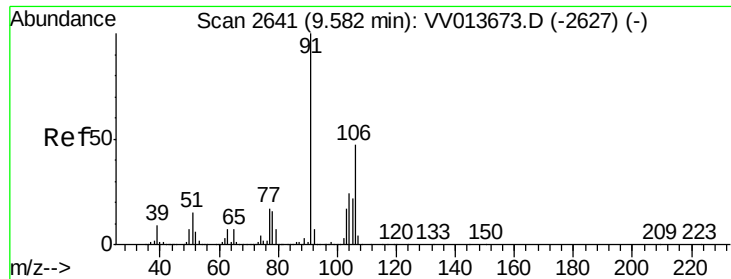
106 100

91 194.9 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VV013673.D (-2502) (-)





#54

o-xylene

Concen: 1.468 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV013680.D

Acq: 19 Nov 2019 15:57

Instrument :

MSVOA_V

ClientSampled :

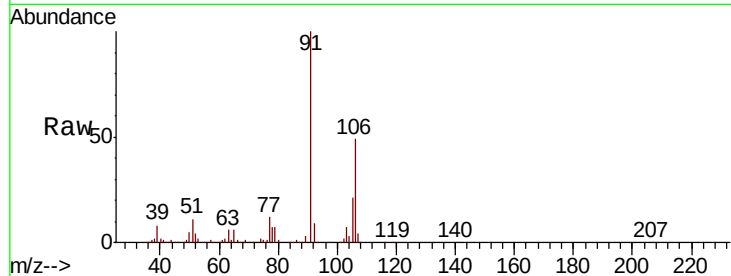
GAQK5

Tot Ion:106 Resp: 65428

Ion Ratio Lower Upper

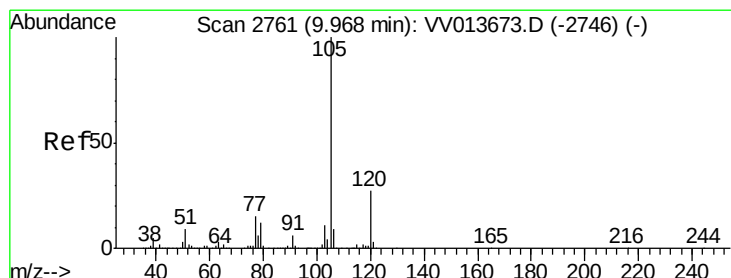
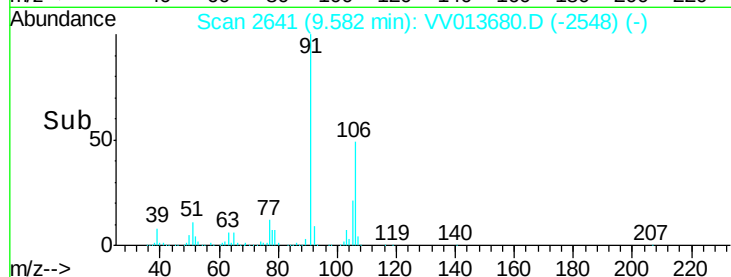
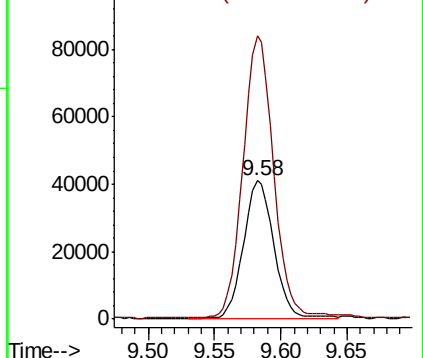
106 100

91 204.1 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.127 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013680.D

Acq: 19 Nov 2019 15:57

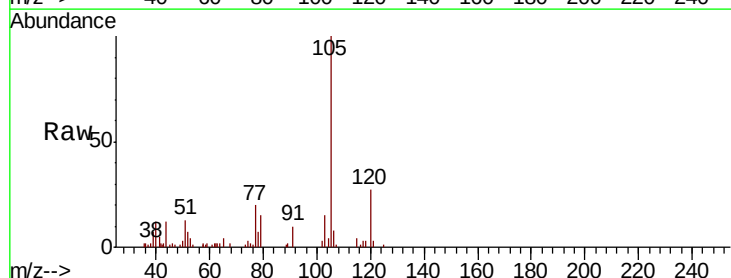
Tgt Ion:105 Resp: 15107

Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8

77 17.4 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

