

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013427.D
 Acq On : 30 Oct 2019 12:28
 Operator : SY/MD
 Sample : K5597-04 50X
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD5

Quant Time: Oct 31 12:41:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 31 02:41:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372737	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	233892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	140579	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	122934	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.13	63	182654	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.96	46	412670	51.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.34%
24) Chloroform-d	4.40	84	315383	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	160673	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	627356	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	199063	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	590076	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	81178	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.13	63	274670	54.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140068	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	231822	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

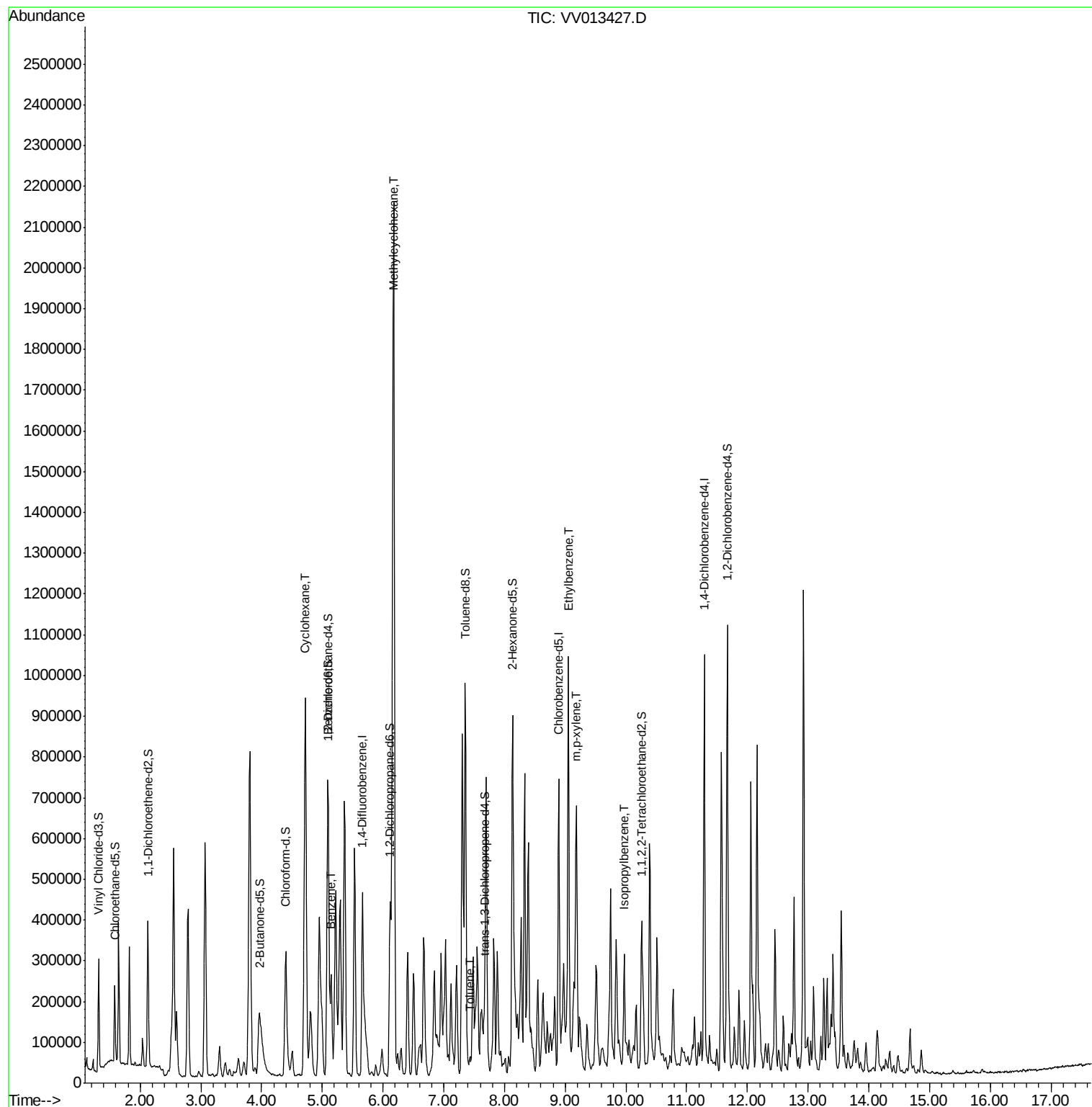
					Qvalue
30) Cyclohexane	4.72	56	446224	7.308 ug/L	95
33) Benzene	5.14	78	246553	1.681 ug/L	100
35) Methylcyclohexane	6.17	83	885525	14.743 ug/L	94
42) Toluene	7.43	91	21400	0.140 ug/L	92
52) Ethylbenzene	9.05	91	648903	4.002 ug/L	100
53) m,p-xylene	9.18	106	129076	2.155 ug/L	95
56) Isopropylbenzene	9.97	105	162642	1.043 ug/L	98

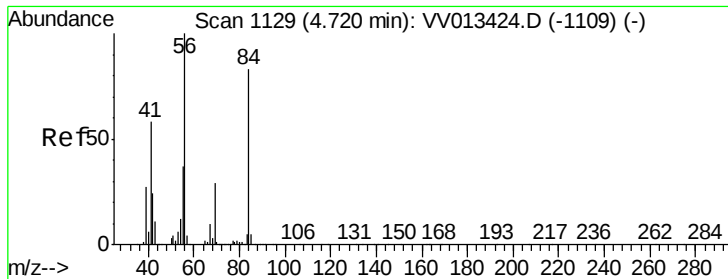
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013427.D
Acq On : 30 Oct 2019 12:28
Operator : SY/MD
Sample : K5597-04 50X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQD5

Quant Time: Oct 31 12:41:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

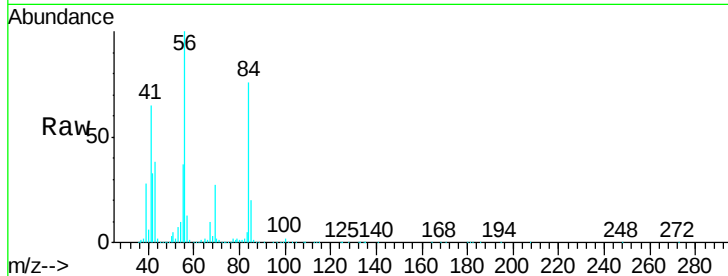




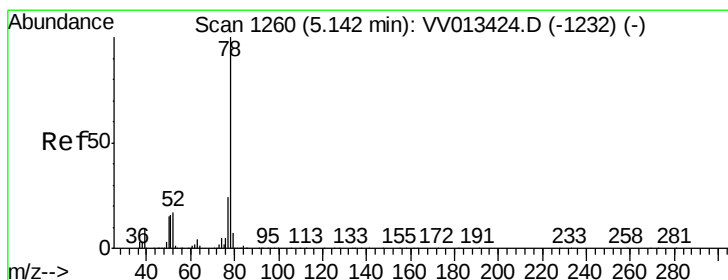
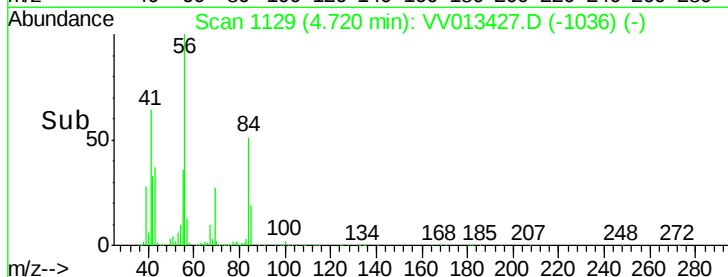
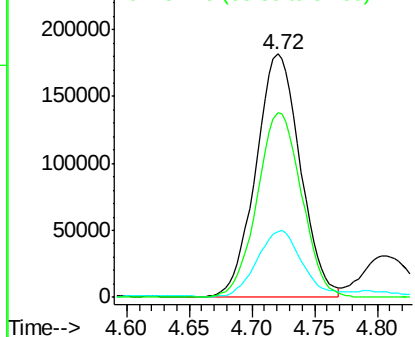
#30
Cyclohexane
Concen: 7.308 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV013427.D
Acq: 30 Oct 2019 12:28

Instrument :
MSVOA_V
ClientSampleId :
GAQD5

Tgt Ion: 56 Resp: 446224
Ion Ratio Lower Upper
56 100
69 28.1 22.7 34.1
84 76.4 65.5 98.3

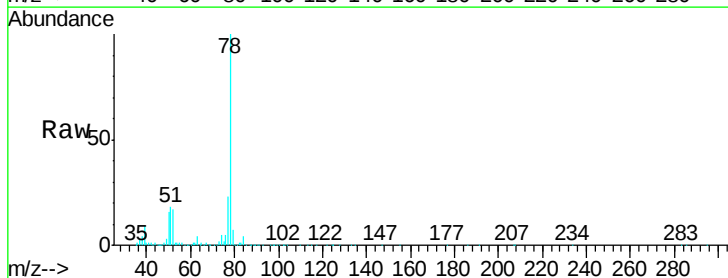


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

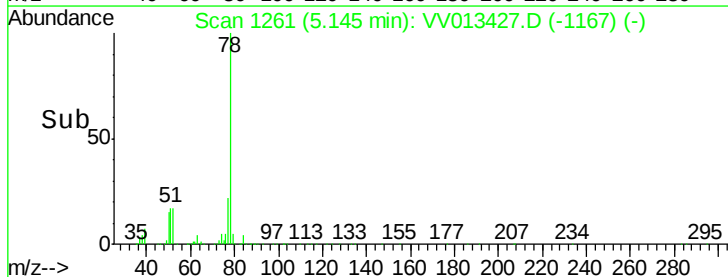
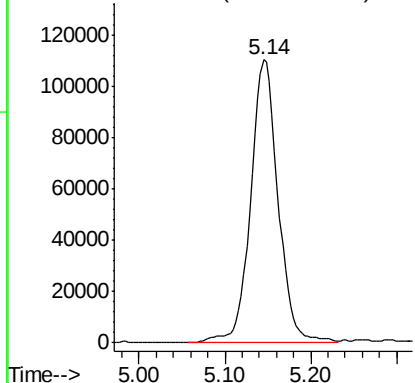


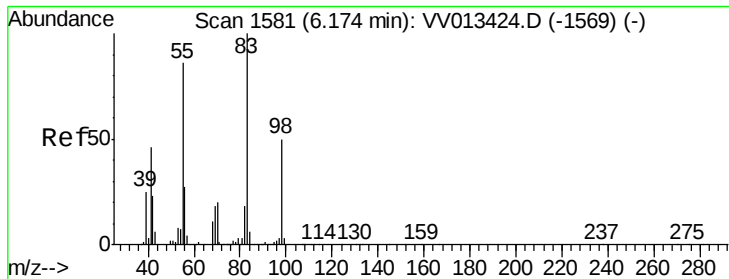
#33
Benzene
Concen: 1.681 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013427.D
Acq: 30 Oct 2019 12:28

Tgt Ion: 78 Resp: 246553



Abundance Ion 78.10 (77.80 to 78.80): VV0





#35

Methylcyclohexane

Concen: 14.743 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV013427.D

Acq: 30 Oct 2019 12:28

Instrument :

MSVOA_V

ClientSampled :

GAQD5

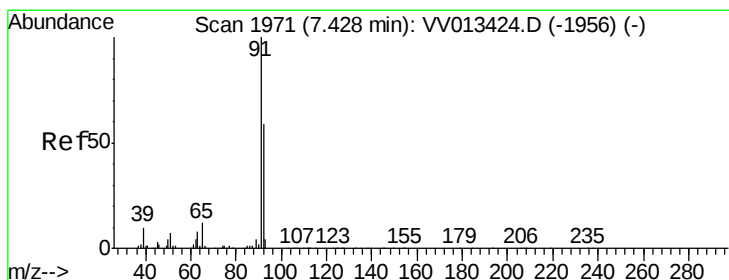
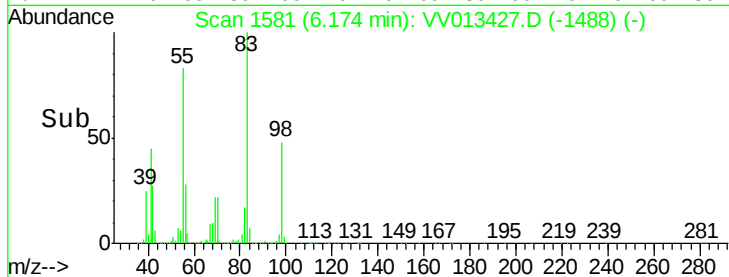
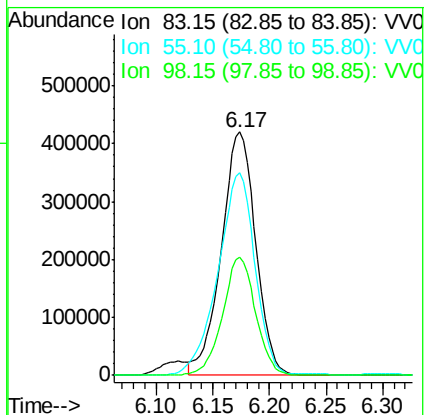
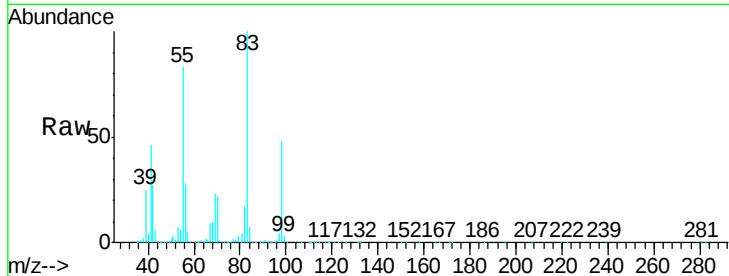
Tgt Ion: 83 Resp: 885525

Ion Ratio Lower Upper

83 100

55 89.9 66.0 99.0

98 46.7 38.2 57.4



#42

Toluene

Concen: 0.140 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013427.D

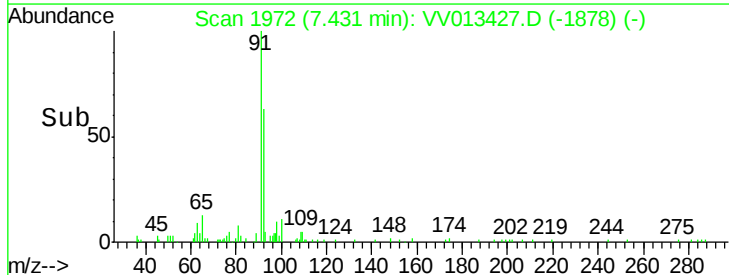
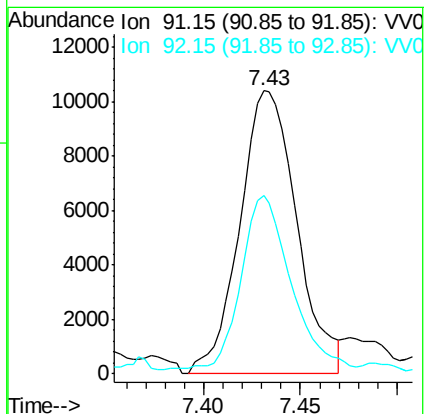
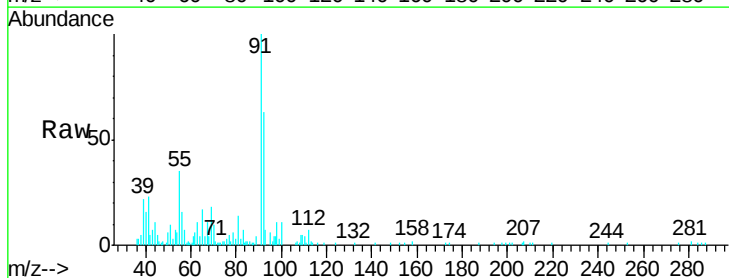
Acq: 30 Oct 2019 12:28

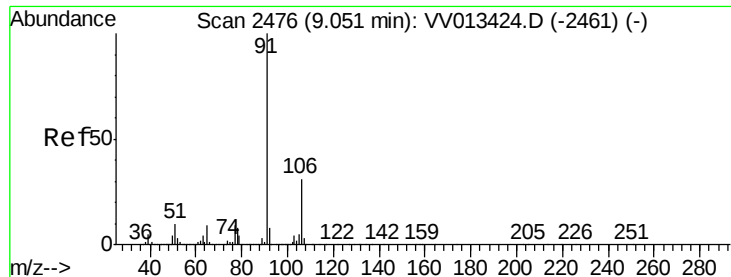
Tgt Ion: 91 Resp: 21400

Ion Ratio Lower Upper

91 100

92 63.2 40.3 74.8





#52

Ethylbenzene

Concen: 4.002 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV013427.D

Acq: 30 Oct 2019 12:28

Instrument :

MSVOA_V

ClientSampleId :

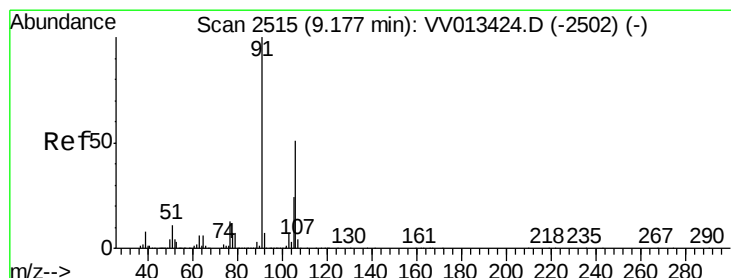
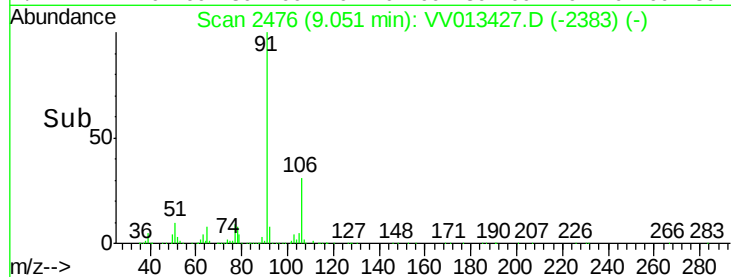
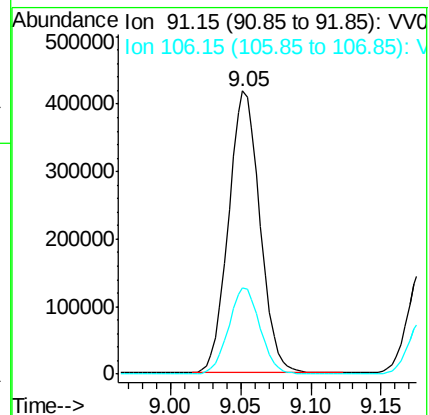
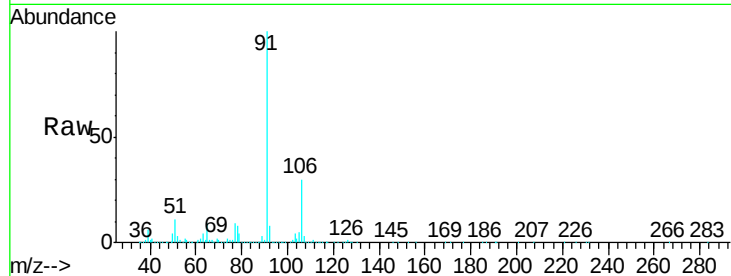
GAQD5

Tgt Ion: 91 Resp: 648903

Ion Ratio Lower Upper

91 100

106 30.5 21.5 39.9



#53

m,p-xylene

Concen: 2.155 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013427.D

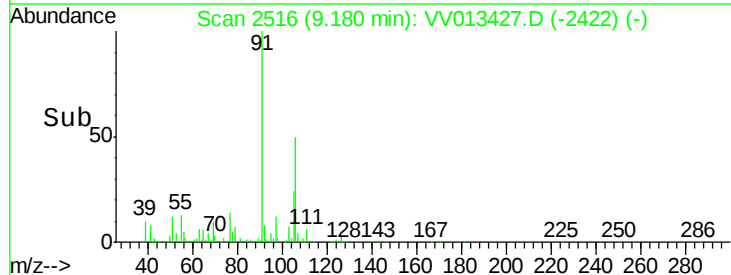
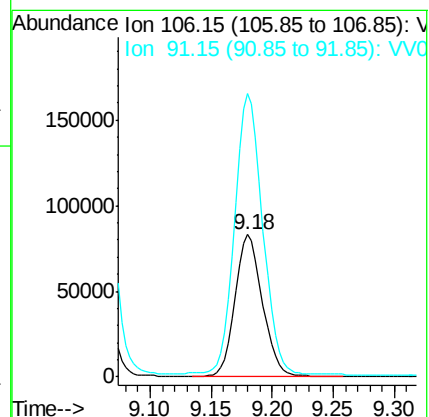
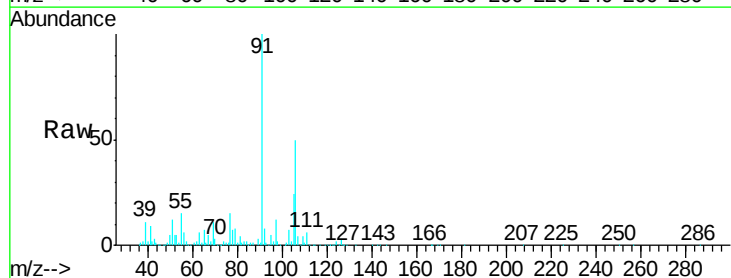
Acq: 30 Oct 2019 12:28

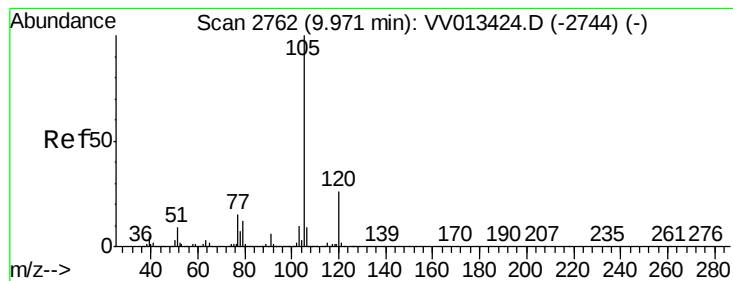
Tgt Ion: 106 Resp: 129076

Ion Ratio Lower Upper

106 100

91 198.8 144.3 267.9





#56

Isopropylbenzene

Concen: 1.043 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. -0.00 min

Lab File: VV013427.D

Acq: 30 Oct 2019 12:28

Instrument :

MSVOA_V

ClientSampleId :

GAQD5

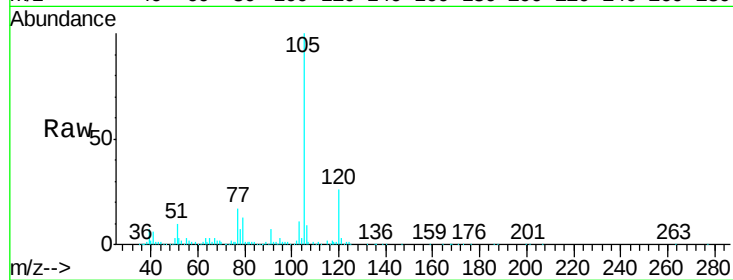
Tgt Ion:105 Resp: 162642

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

77 17.8 12.9 19.3



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

