

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112119\
 Data File : VV013705.D
 Acq On : 21 Nov 2019 11:43
 Operator : SY/MD
 Sample : K5910-21DL2 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK4DL2

Quant Time: Nov 22 04:18:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 03:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	424665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	416984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98519	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.58	69	90339	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.13	63	137035	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	3.95	46	178454	29.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.84%
24) Chloroform-d	4.39	84	198326	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.40%#
26) 1,2-Dichloroethane-d4	5.08	65	97283	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
32) Benzene-d6	5.09	84	404827	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
36) 1,2-Dichloropropane-d6	6.11	67	119719	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.80%
41) Toluene-d8	7.35	98	344794	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.80%#
43) trans-1,3-Dichloropropene-	7.66	79	40928	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.14	63	141225	28.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	80310	3.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	150959	3.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.20%#

Target Compounds

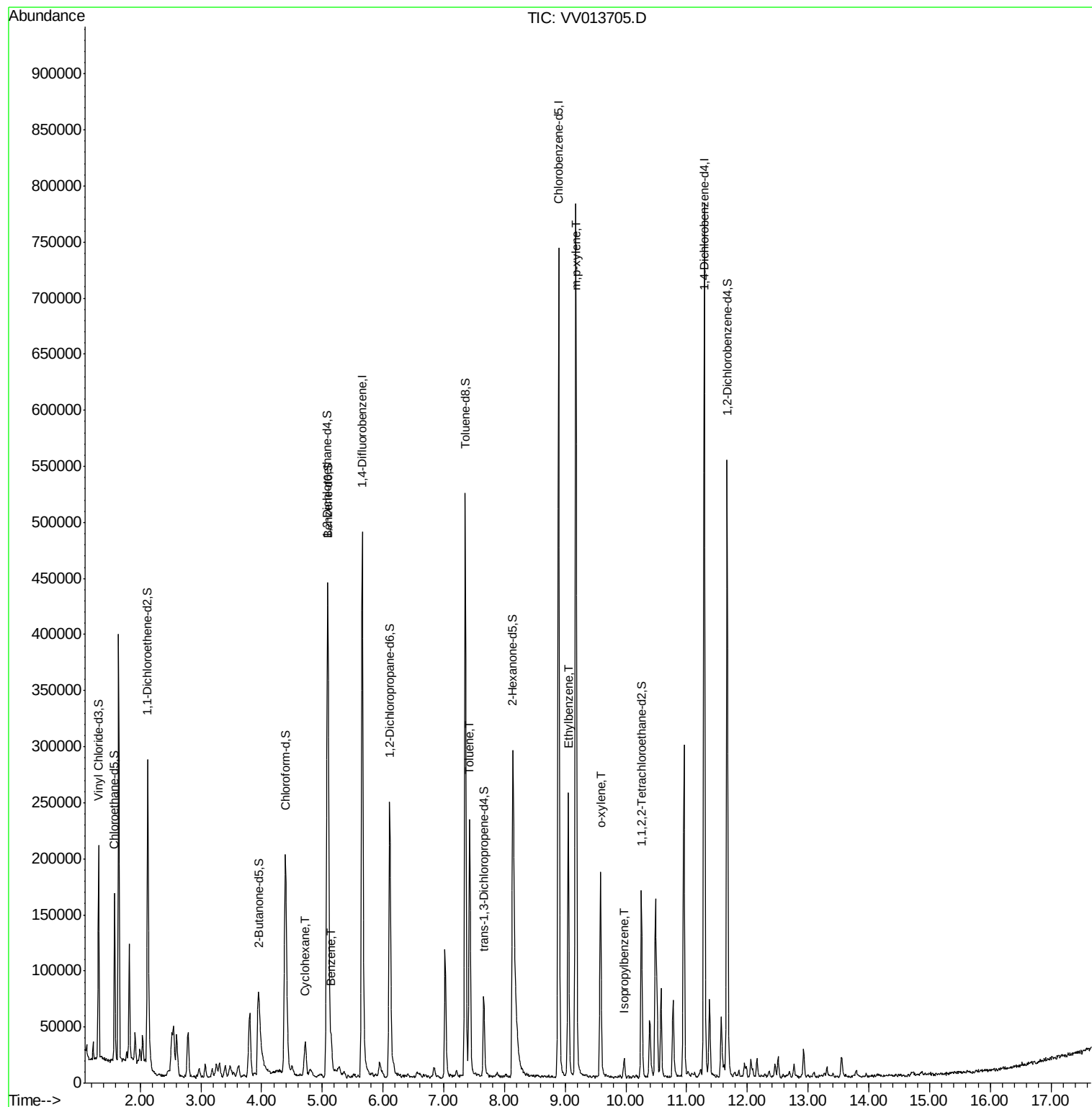
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	4.72	56	15565	0.310	ug/L	98
33) Benzene	5.14	78	29831	0.236	ug/L	100
42) Toluene	7.43	91	166896	1.238	ug/L	99
52) Ethylbenzene	9.05	91	174036	1.211	ug/L	99
53) m,p-xylene	9.17	106	222664	4.107	ug/L	96
54) o-xylene	9.58	106	48371	0.928	ug/L	98
56) Isopropylbenzene	9.97	105	10305	0.074	ug/L #	93

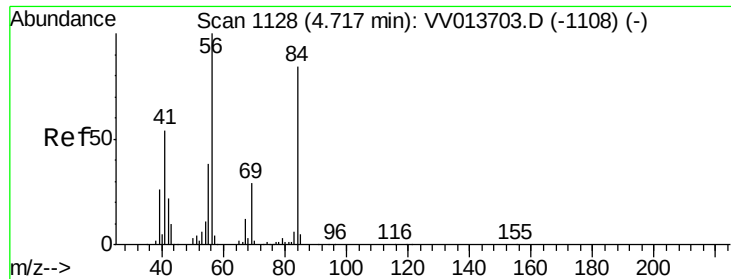
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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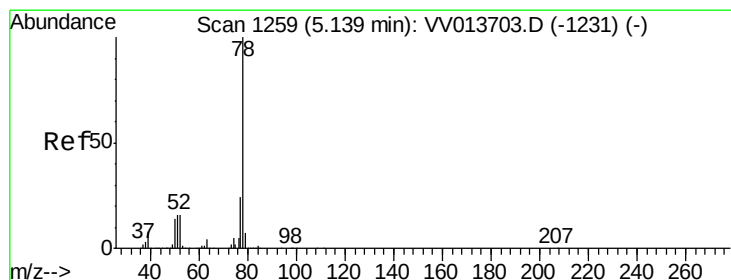
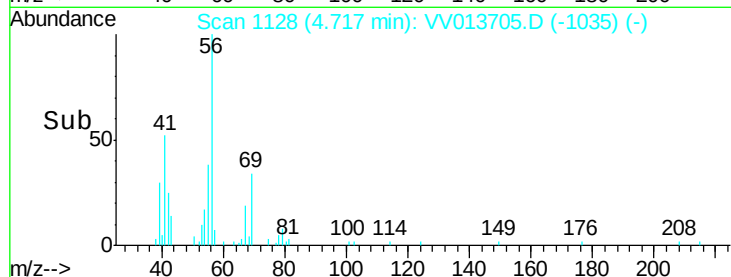
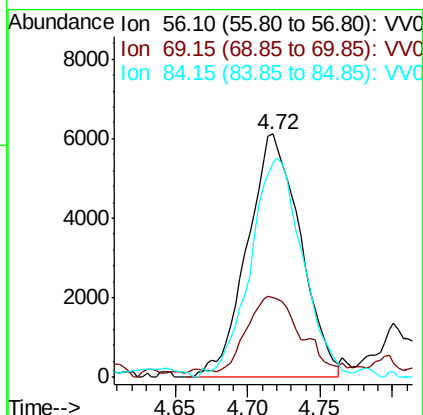
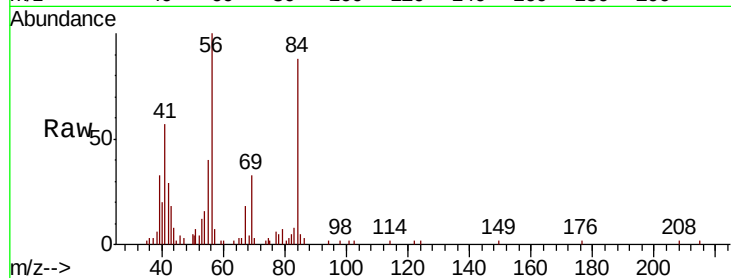




#30
Cyclohexane
Concen: 0.310 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV013705.D
Acq: 21 Nov 2019 11:43

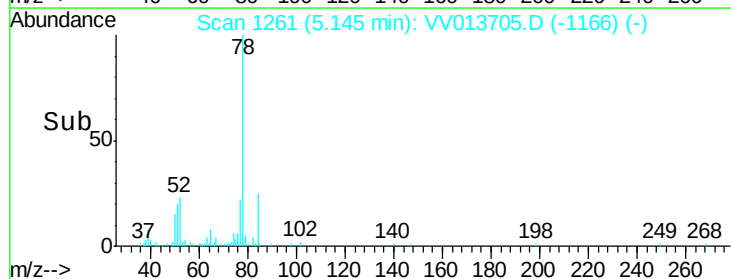
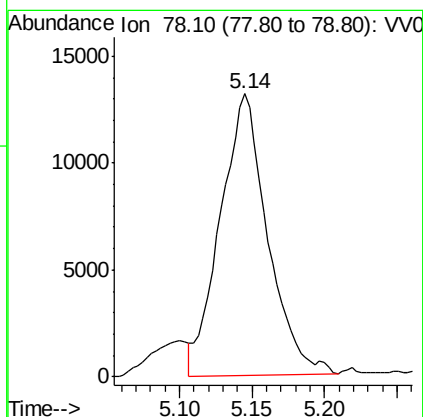
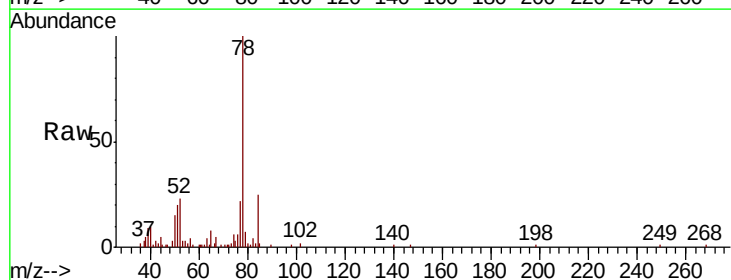
Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

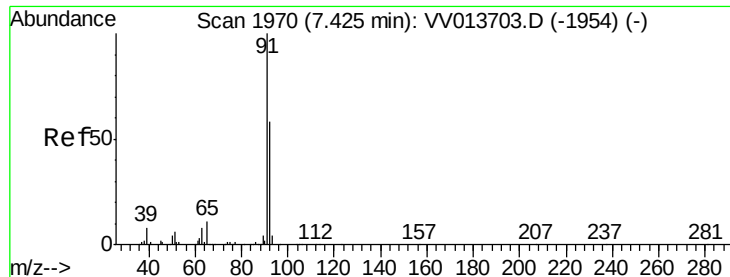
Tot Ion: 56 Resp: 15565
Ion Ratio Lower Upper
56 100
69 30.0 23.8 35.8
84 88.9 69.1 103.7



#33
Benzene
Concen: 0.236 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VV013705.D
Acq: 21 Nov 2019 11:43

Tgt Ion: 78 Resp: 29831





#42

Toluene

Concen: 1.238 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013705.D

Acq: 21 Nov 2019 11:43

Instrument :

MSVOA_V

ClientSampleId :

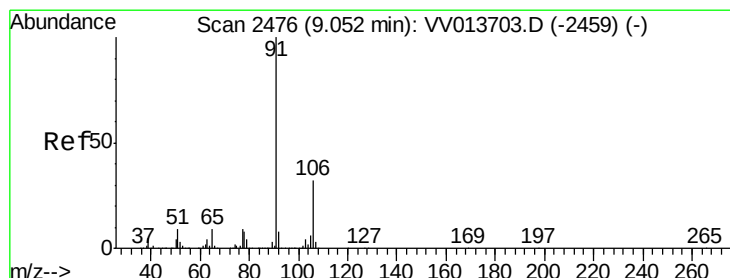
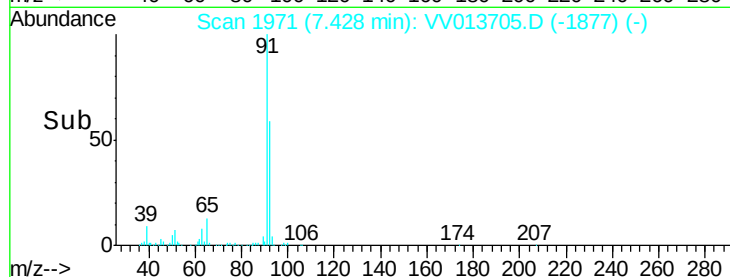
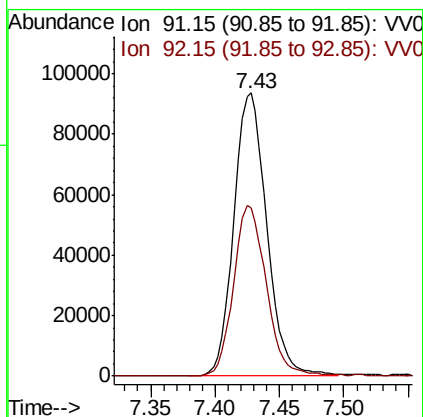
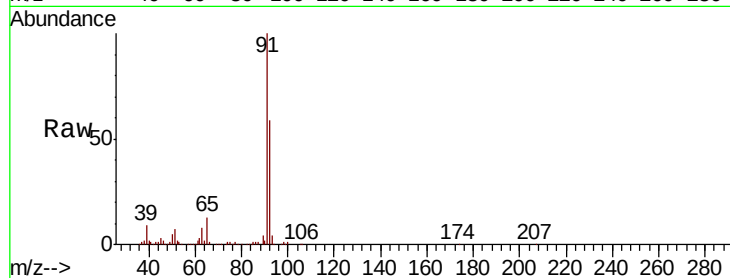
GAQK4DL2

Tot Ion: 91 Resp: 166896

Ion Ratio Lower Upper

91 100

92 59.3 41.2 76.6



#52

Ethylbenzene

Concen: 1.211 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013705.D

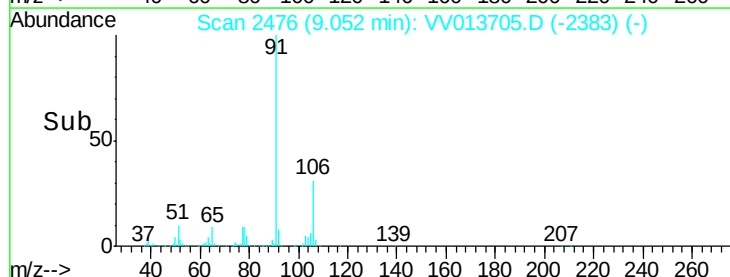
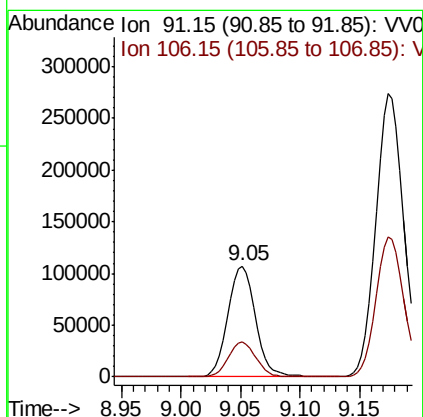
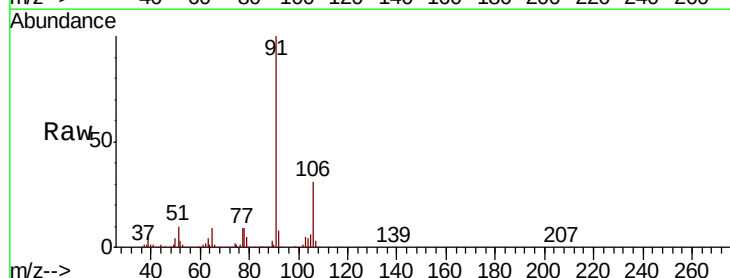
Acq: 21 Nov 2019 11:43

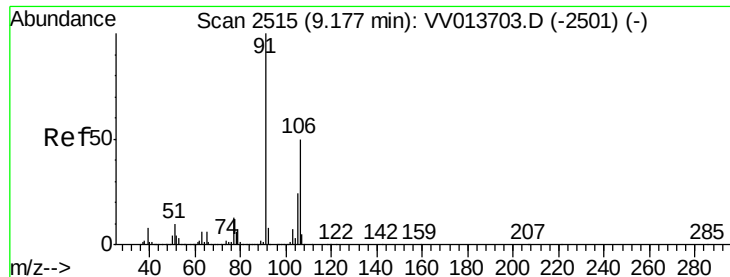
Tgt Ion: 91 Resp: 174036

Ion Ratio Lower Upper

91 100

106 31.4 21.7 40.3





#53

m,p-xylene

Concen: 4.107 ug/L

RT: 9.17 min Scan# 2514

Delta R.T. -0.00 min

Lab File: VV013705.D

Acq: 21 Nov 2019 11:43

Instrument :

MSVOA_V

ClientSampleId :

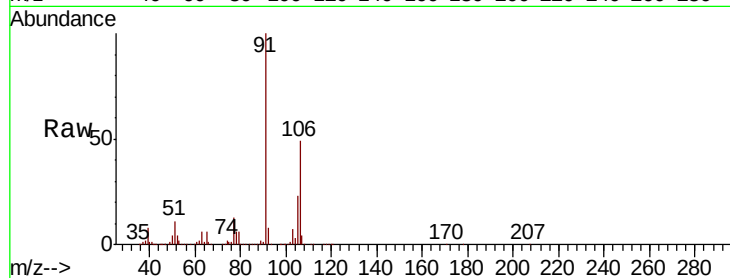
GAQK4DL2

Tot Ion:106 Resp: 222664

Ion Ratio Lower Upper

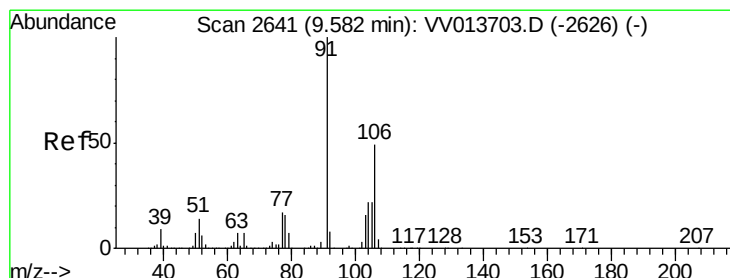
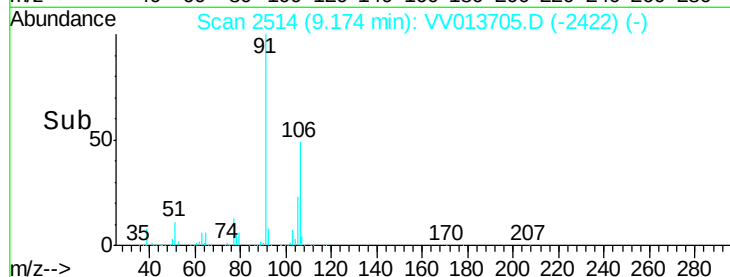
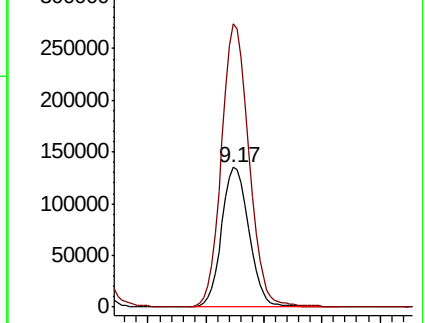
106 100

91 203.0 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.928 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV013705.D

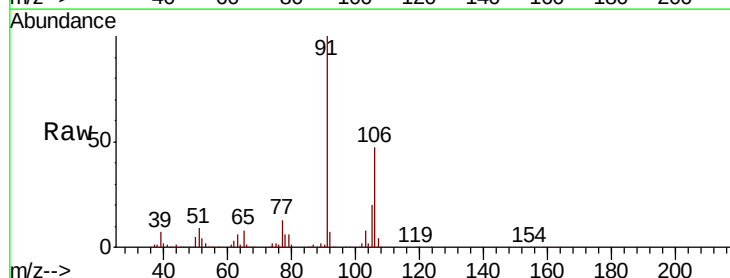
Acq: 21 Nov 2019 11:43

Tgt Ion:106 Resp: 48371

Ion Ratio Lower Upper

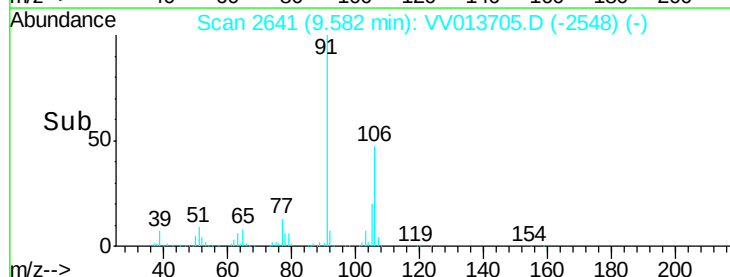
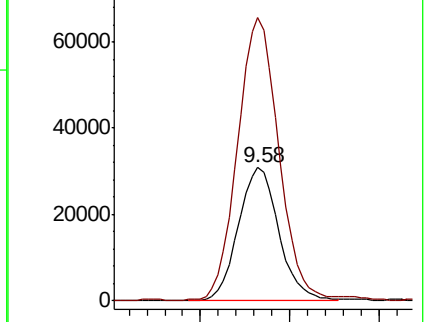
106 100

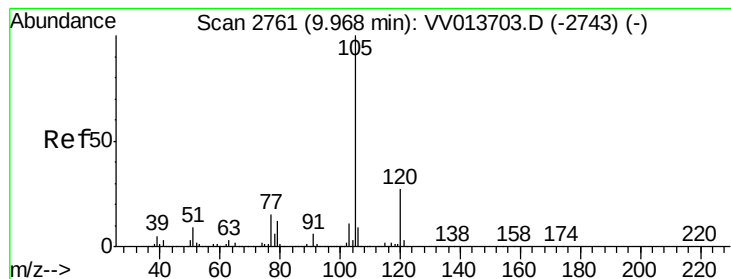
91 212.5 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.074 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013705.D

Acq: 21 Nov 2019 11:43

Instrument :

MSVOA_V

ClientSampleId :

GAQK4DL2

Tot Ion:105 Resp: 10305

Ion Ratio Lower Upper

105 100

120 29.7 21.2 31.8

77 18.4 11.9 17.9#

