

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112119\
 Data File : VV013707.D
 Acq On : 21 Nov 2019 12:44
 Operator : SY/MD
 Sample : K5910-21DL2 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK4DI2

Quant Time: Nov 22 04:30:41 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	372519	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363579	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	190916	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	136176	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.58	69	125927	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	2.12	63	191768	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	3.96	46	311956	58.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.24%
24) Chloroform-d	4.40	84	290499	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.08	65	143895	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.09	84	587699	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.11	67	174069	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.36	98	518849	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
43) trans-1,3-Dichloropropene-	7.66	79	60726	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.14	63	231885	53.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121168	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	218484	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

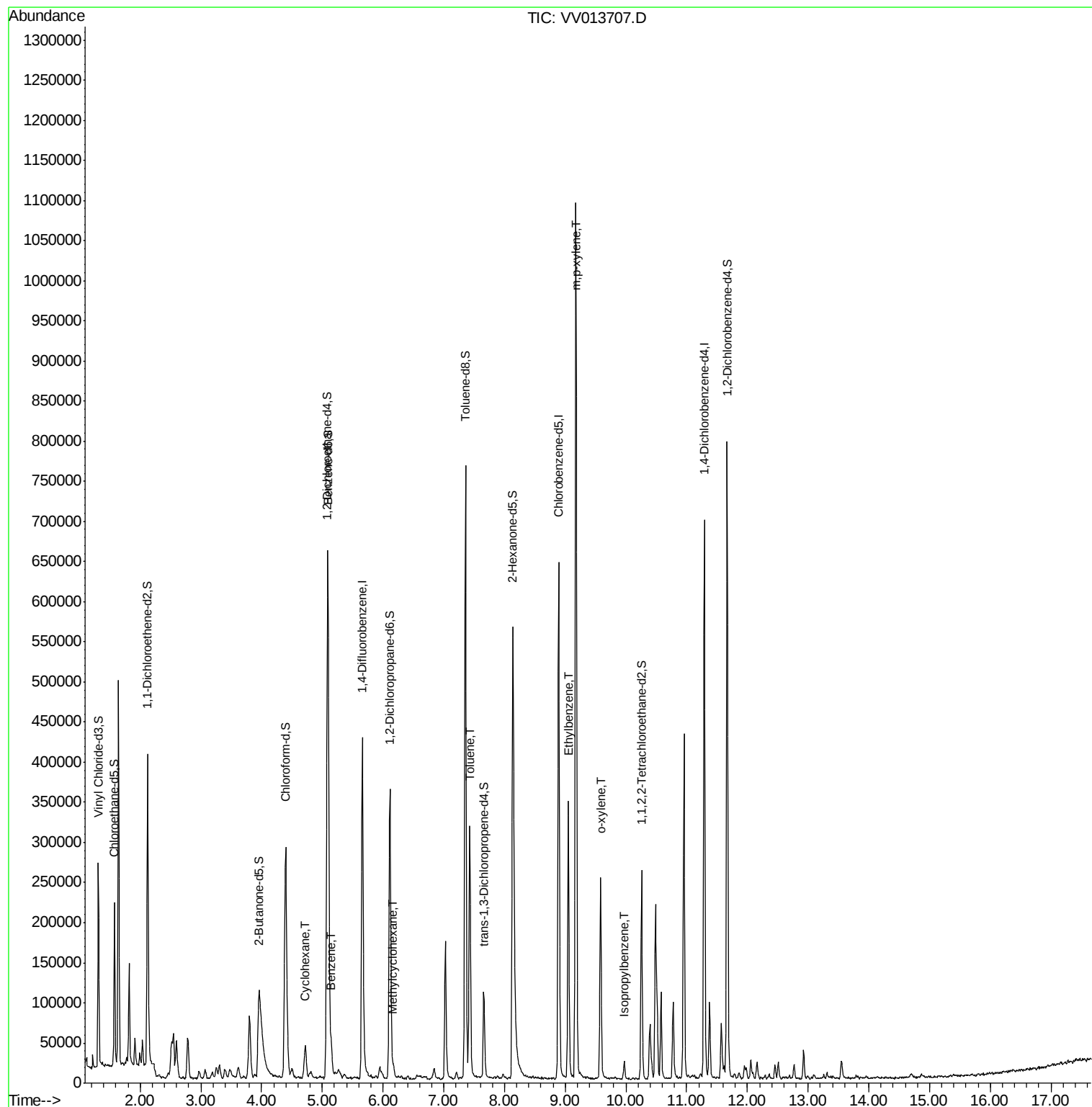
					Ovalue
30) Cyclohexane	4.72	56	18460	0.422 ug/L	91
33) Benzene	5.15	78	39753	0.361 ug/L	100
35) Methylcyclohexane	6.16	83	4192	0.093 ug/L #	72
42) Toluene	7.43	91	225901	1.921 ug/L	98
52) Ethylbenzene	9.05	91	233293	1.862 ug/L	100
53) m,p-xylene	9.18	106	304834	6.449 ug/L	100
54) o-xylene	9.58	106	67012	1.474 ug/L	100
56) Isopropylbenzene	9.97	105	12769	0.106 ug/L	97

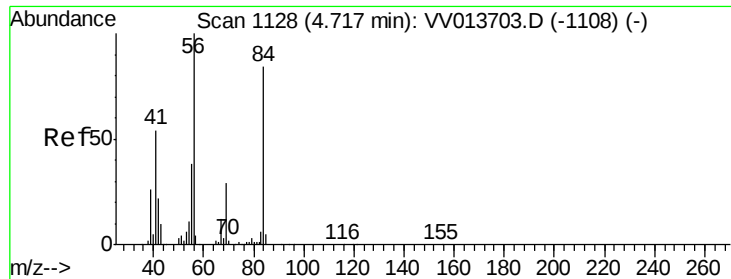
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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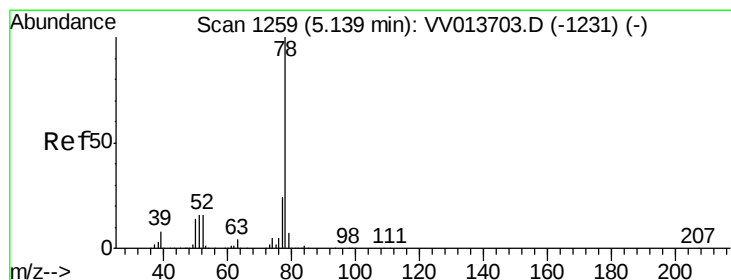
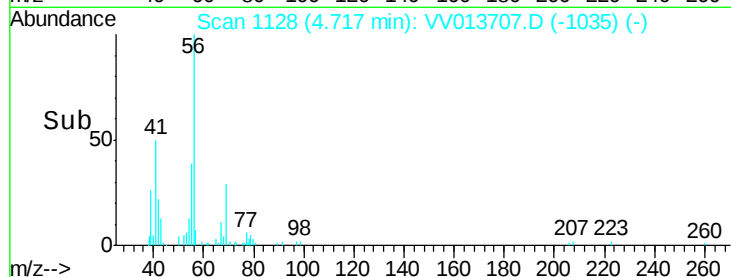
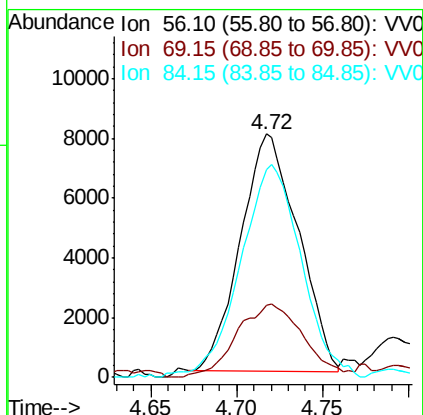
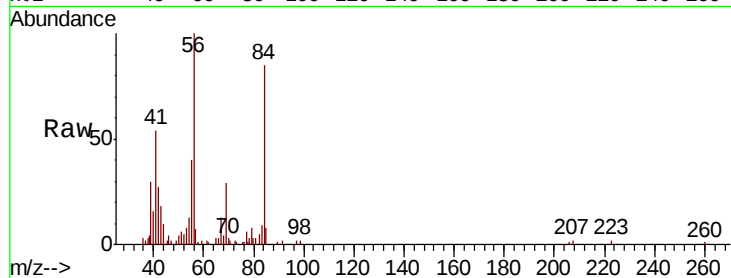




#30
Cyclohexane
Concen: 0.422 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

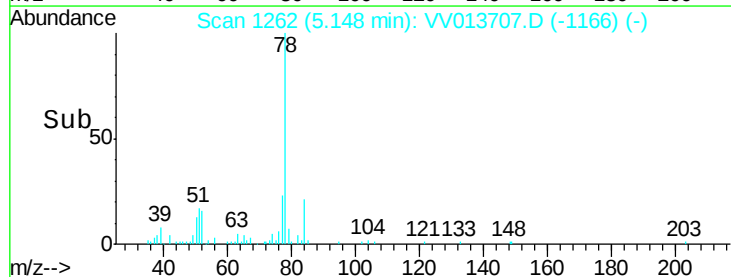
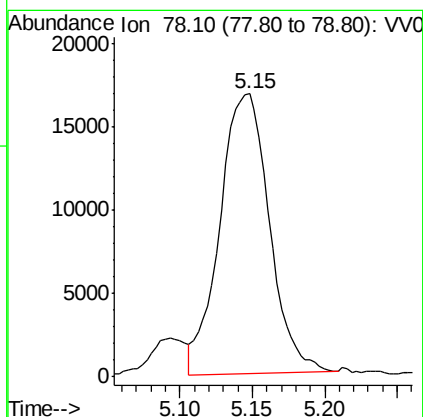
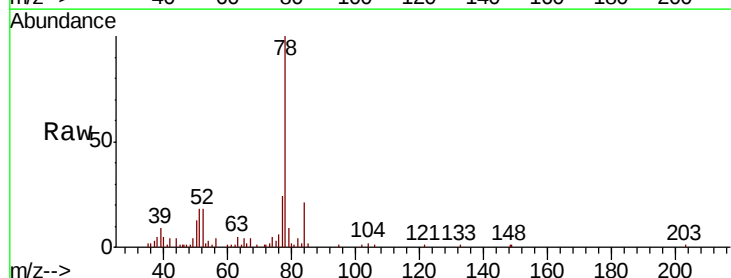
Instrument :
MSVOA_V
ClientSampled :
GAQK4DI2

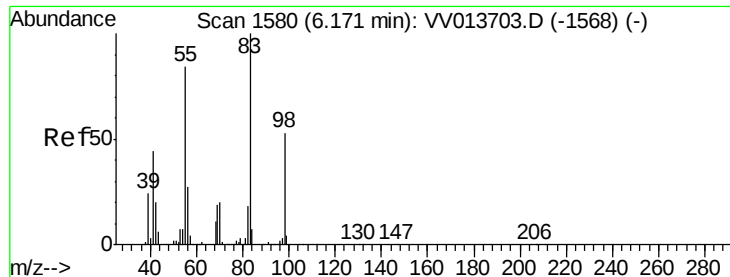
Tot Ion: 56 Resp: 18460
Ion Ratio Lower Upper
56 100
69 35.3 23.8 35.8
84 94.7 69.1 103.7



#33
Benzene
Concen: 0.361 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 78 Resp: 39753

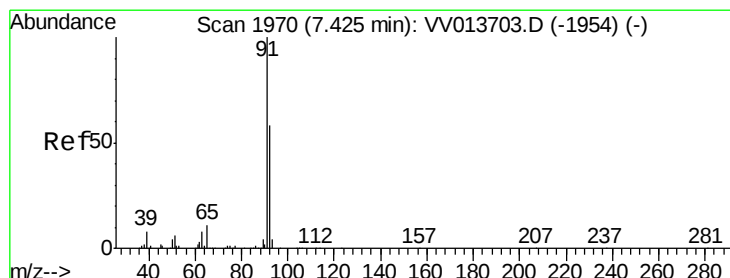
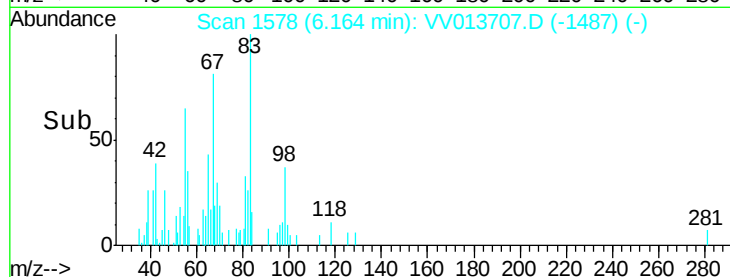
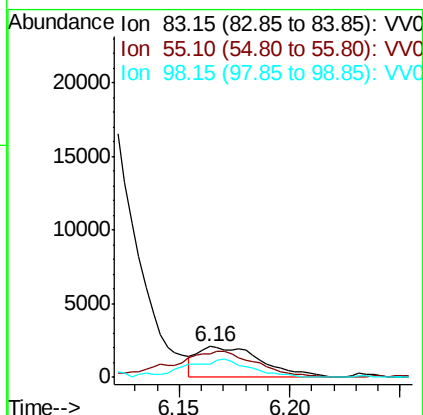
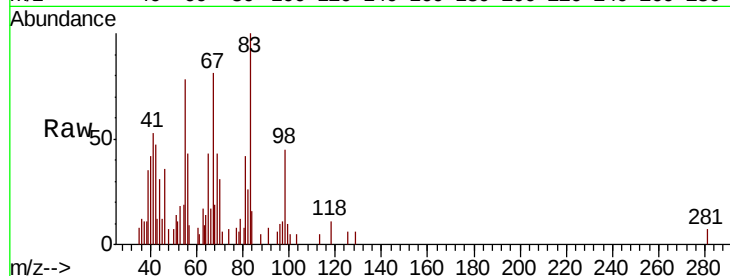




#35
Methvlcvclohexane
Concen: 0.093 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

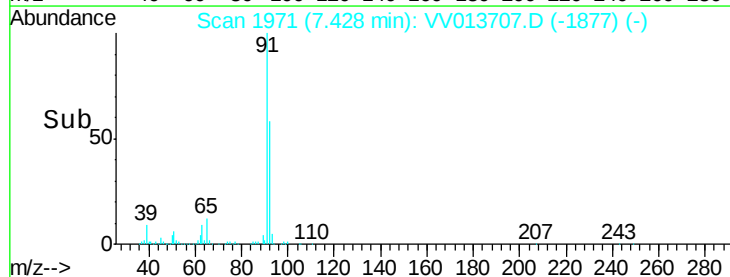
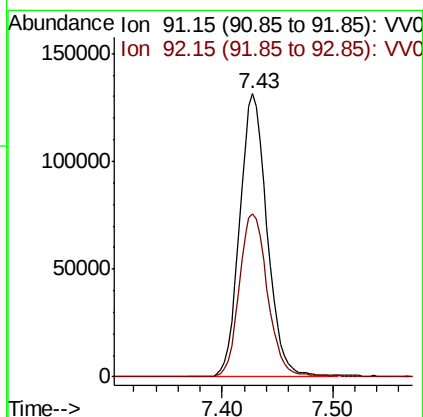
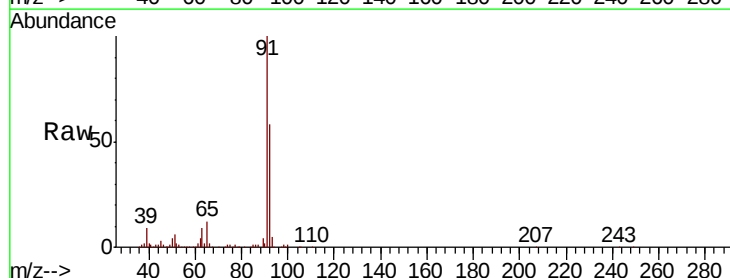
Instrument :
MSVOA_V
ClientSampleId :
GAQK4DI2

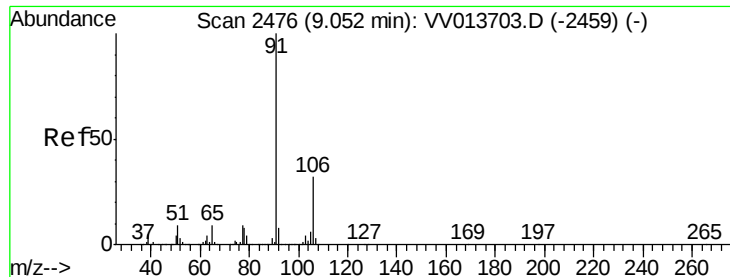
Tot Ion: 83 Resp: 4192
Ion Ratio Lower Upper
83 100
55 112.3 64.1 96.1#
98 57.6 38.2 57.2#



#42
Toluene
Concen: 1.921 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 91 Resp: 225901
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6





#52

Ethylbenzene

Concen: 1.862 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV013707.D

Acq: 21 Nov 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

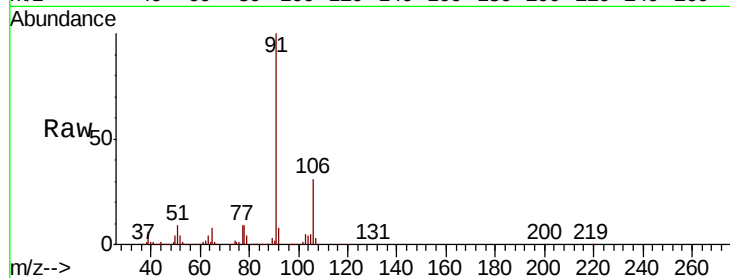
GAQK4DI2

Tot Ion: 91 Resp: 233293

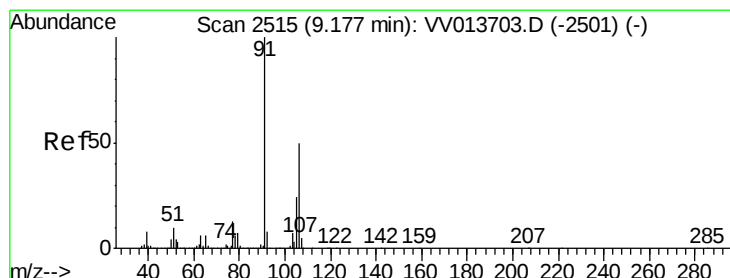
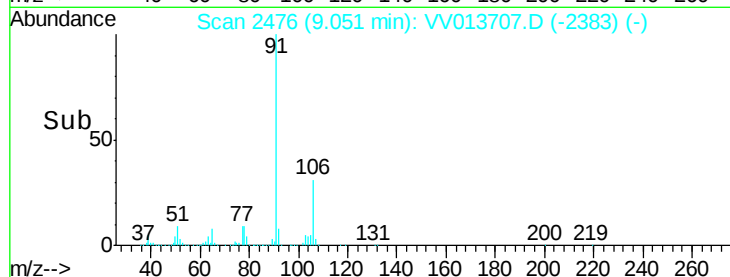
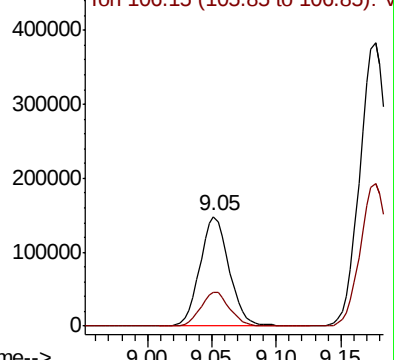
Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV013707.D (-2383) (-)



#53

m,p-xylene

Concen: 6.449 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013707.D

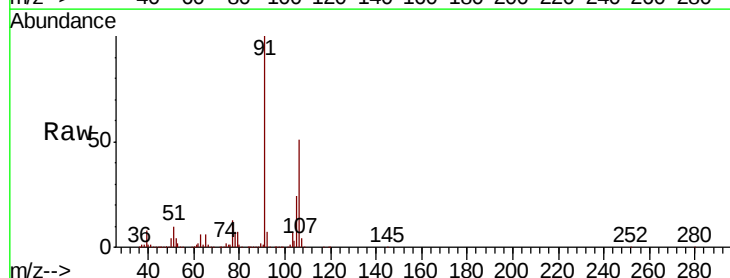
Acq: 21 Nov 2019 12:44

Tgt Ion: 106 Resp: 304834

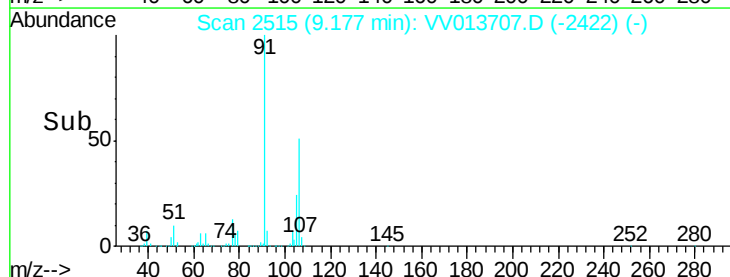
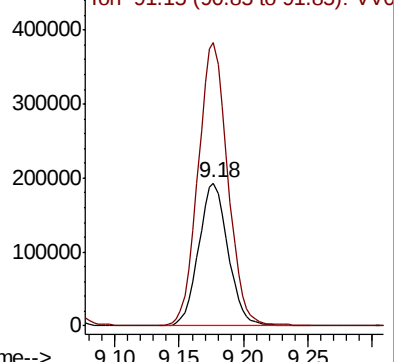
Ion Ratio Lower Upper

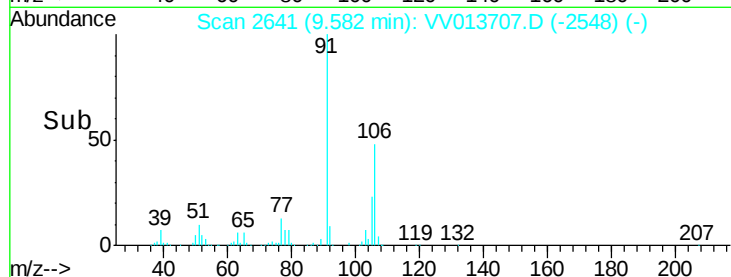
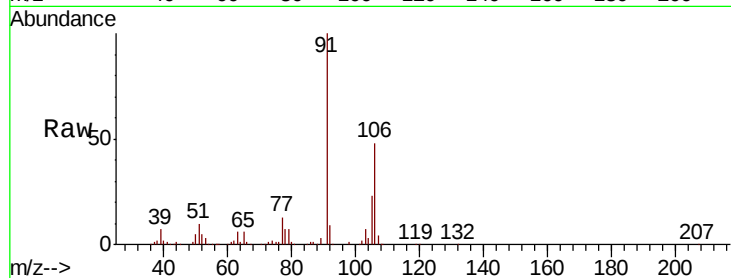
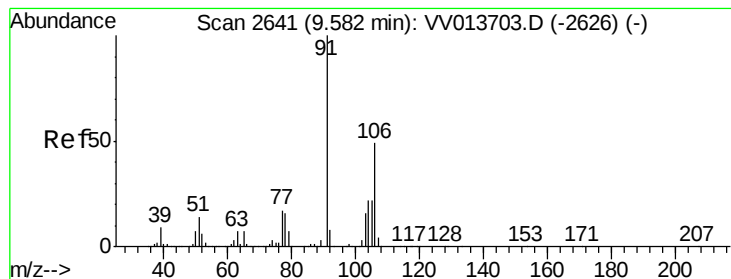
106 100

91 197.9 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VV013707.D (-2422) (-)





#54

o-xylene

Concen: 1.474 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV013707.D

Acq: 21 Nov 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

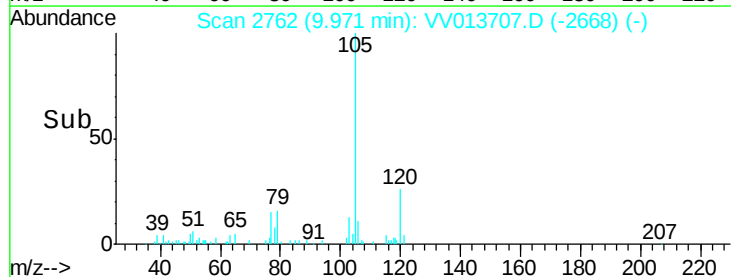
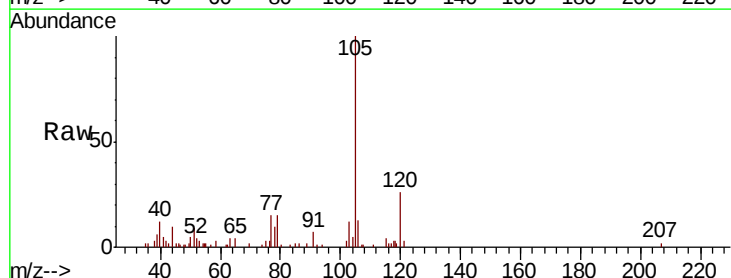
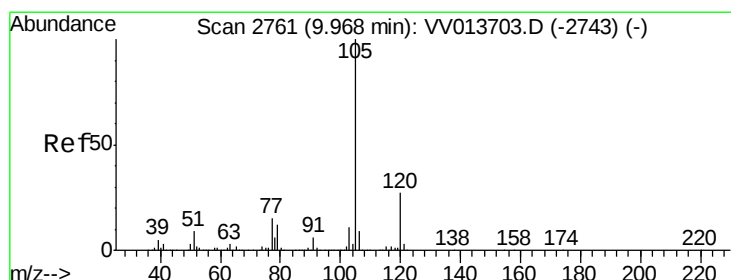
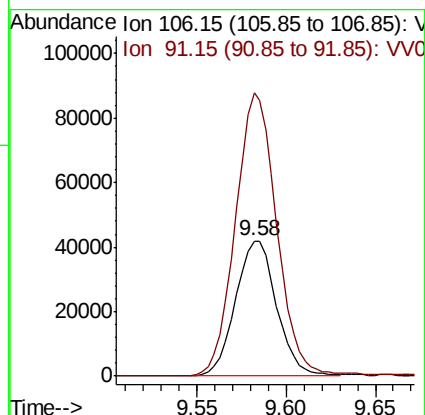
GAQK4DI2

Tot Ion:106 Resp: 67012

Ion Ratio Lower Upper

106 100

91 209.4 146.9 272.7



#56

Isopropylbenzene

Concen: 0.106 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013707.D

Acq: 21 Nov 2019 12:44

Tgt Ion:105 Resp: 12769

Ion Ratio Lower Upper

105 100

120 27.6 21.2 31.8

77 17.1 11.9 17.9

