

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011993.D
 Acq On : 24 Jul 2019 04:06
 Operator : SY/MD
 Sample : K3960-01
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A6

Quant Time: Jul 24 08:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 07:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143739	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143112	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32587	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.59	69	26936	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	54588	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.96	46	107028	49.01	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.02%
24) Chloroform-d	4.40	84	90094	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	51971	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	181314	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	51701	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	170532	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	19712	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	88405	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37287	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71001	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

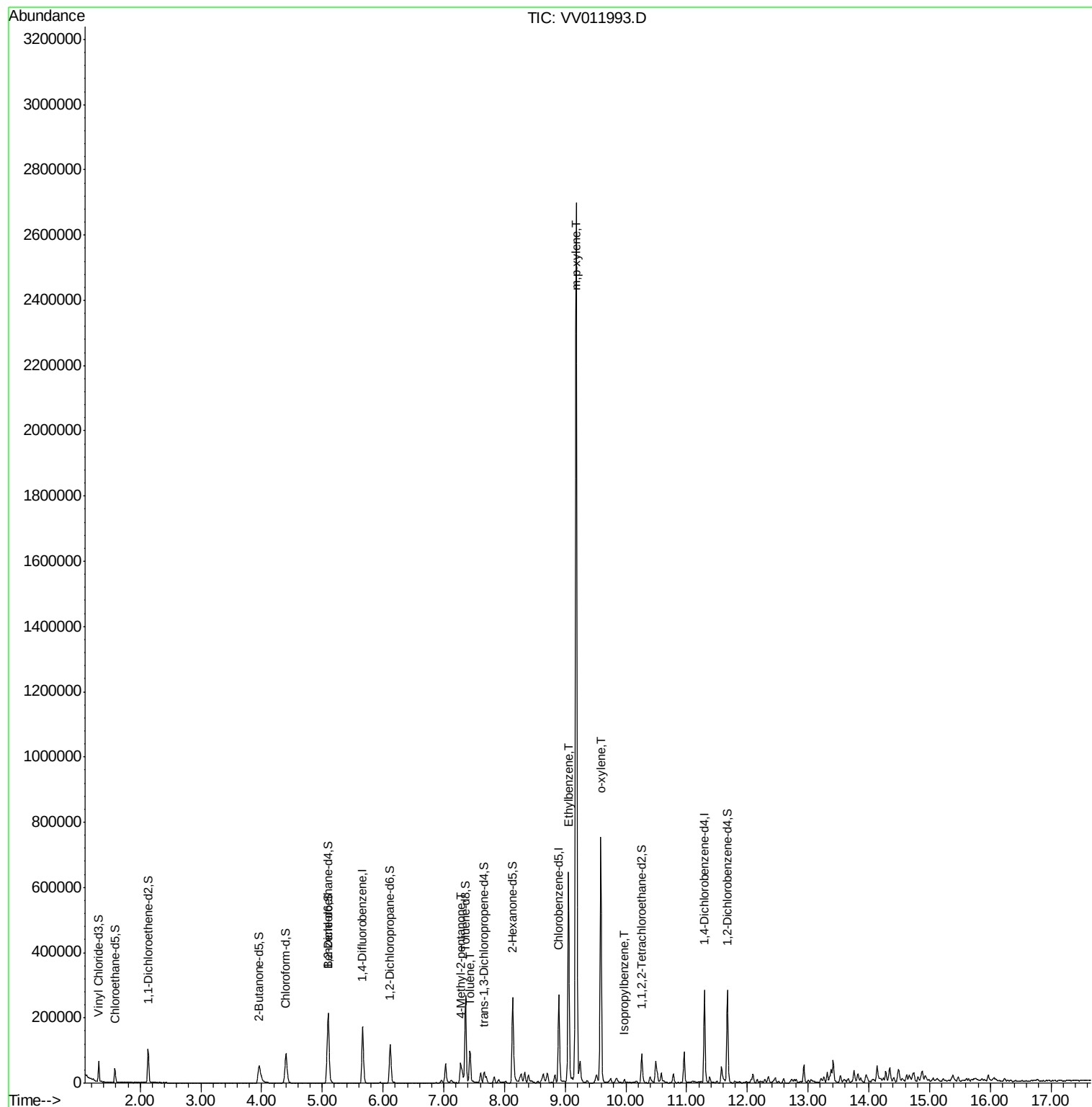
Target Compounds					Ovalue
40) 4-Methyl-2-pentanone	7.28	43	38831	6.867 ug/L	98
42) Toluene	7.43	91	70129	1.552 ug/L	98
52) Ethylbenzene	9.05	91	423766	8.216 ug/L	99
53) m,p-xylene	9.18	106	732719	37.322 ug/L	97
54) o-xylene	9.59	106	189125	10.160 ug/L	97
56) Isopropylbenzene	9.97	105	6536	0.126 ug/L	96

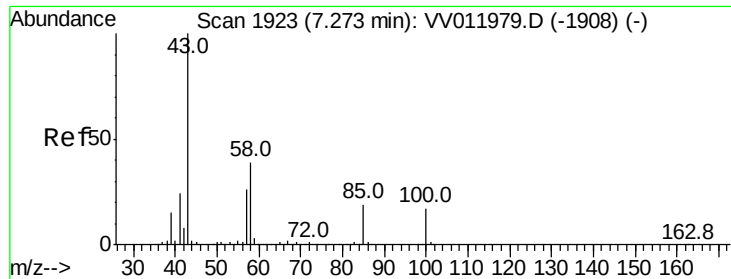
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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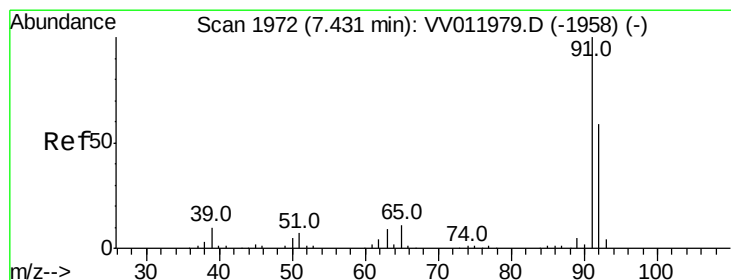
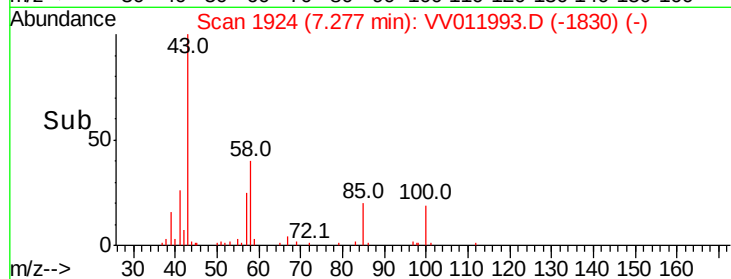
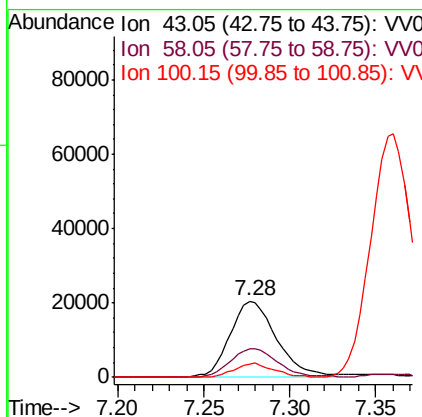
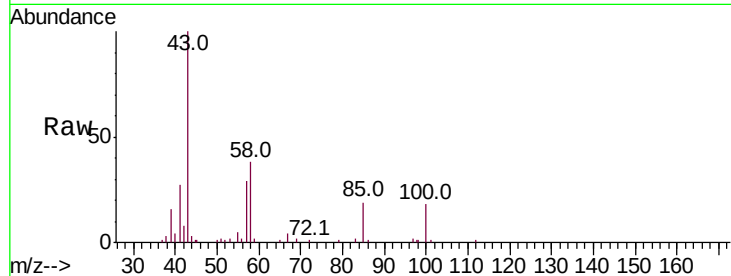




#40
4-Methyl-2-pentanone
Concen: 6.867 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV011993.D
Acq: 24 Jul 2019 04:06

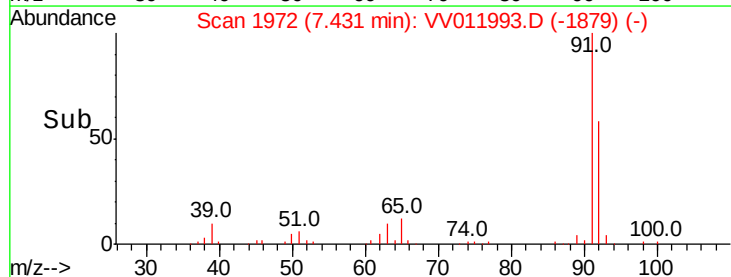
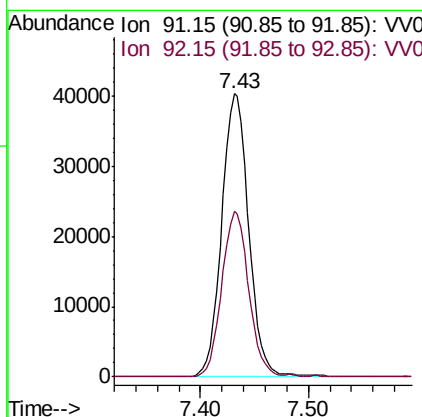
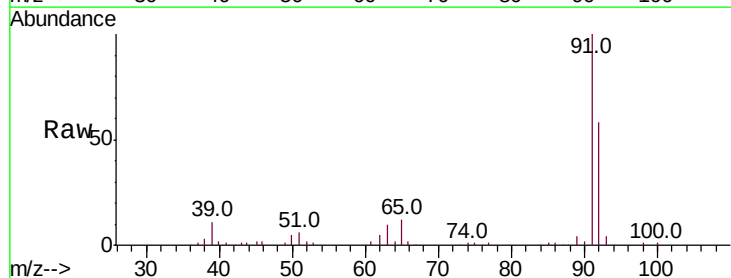
Instrument :
MSVOA_V
ClientSampleId :
DB9A6

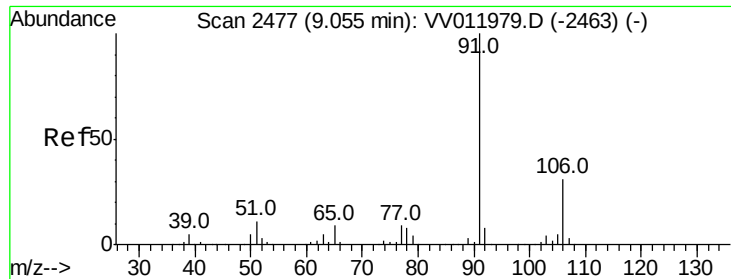
Tot Ion: 43 Resp: 38831
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8
100 16.1 13.5 20.3



#42
Toluene
Concen: 1.552 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011993.D
Acq: 24 Jul 2019 04:06

Tgt Ion: 91 Resp: 70129
Ion Ratio Lower Upper
91 100
92 58.4 41.9 77.9





#52

Ethylbenzene

Concen: 8.216 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011993.D

Acq: 24 Jul 2019 04:06

Instrument :

MSVOA_V

ClientSampleId :

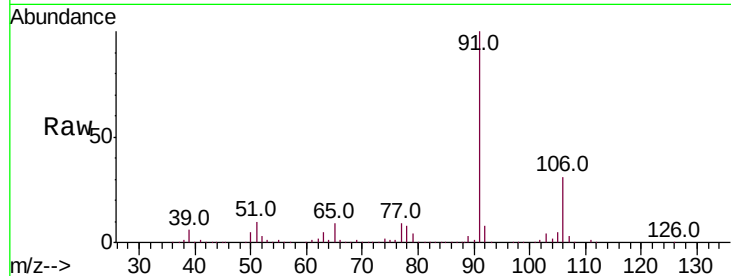
DB9A6

Tot Ion: 91 Resp: 423766

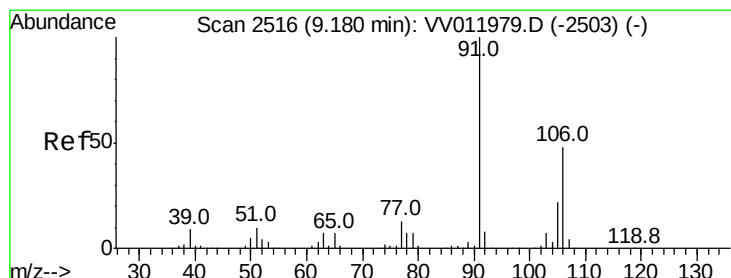
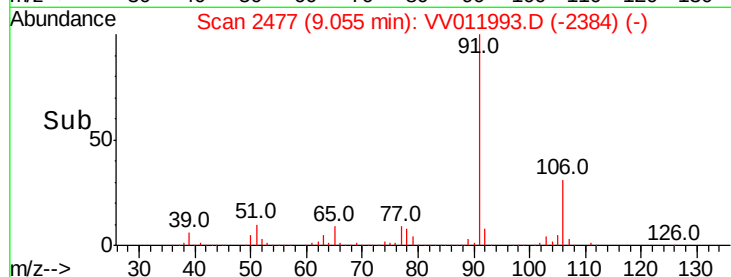
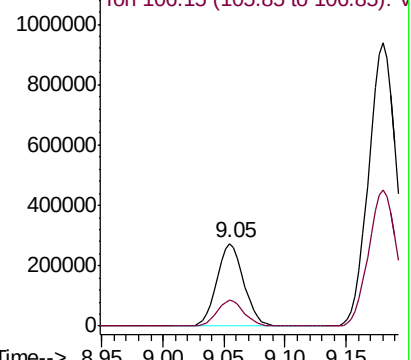
Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV011993.D (-2384) (-)



#53

m,p-xylene

Concen: 37.322 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV011993.D

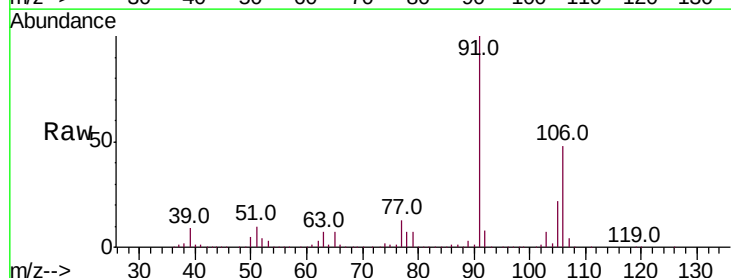
Acq: 24 Jul 2019 04:06

Tgt Ion: 106 Resp: 732719

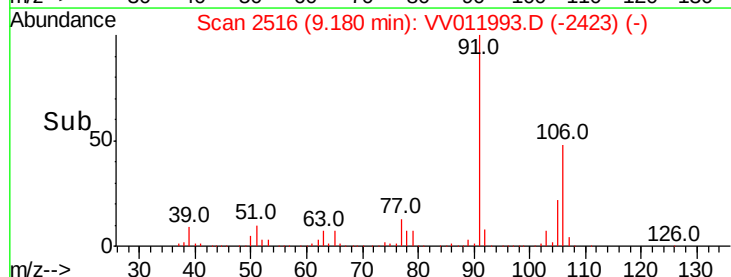
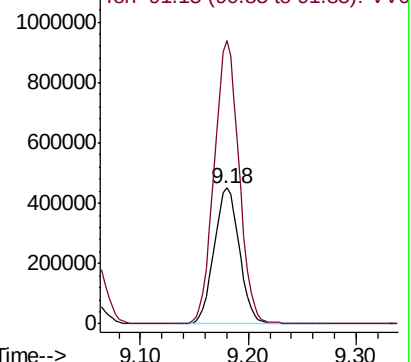
Ion Ratio Lower Upper

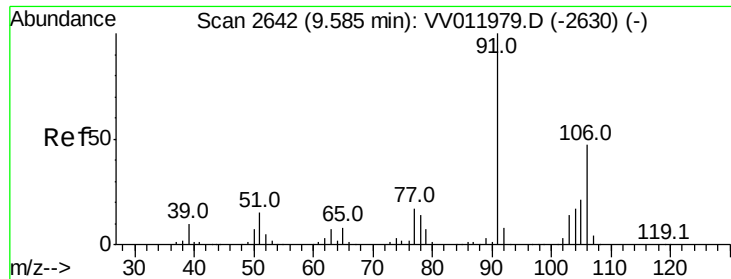
106 100

91 208.1 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV011993.D (-2423) (-)

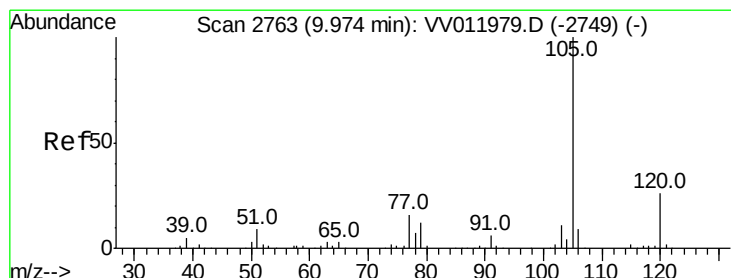
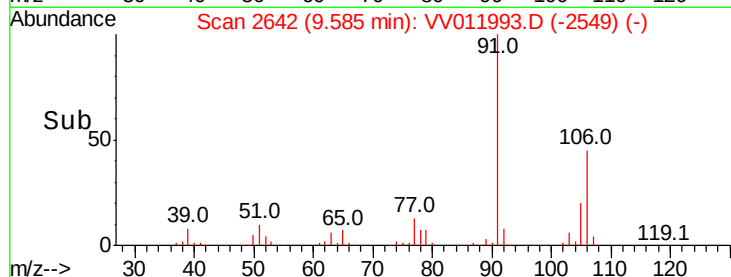
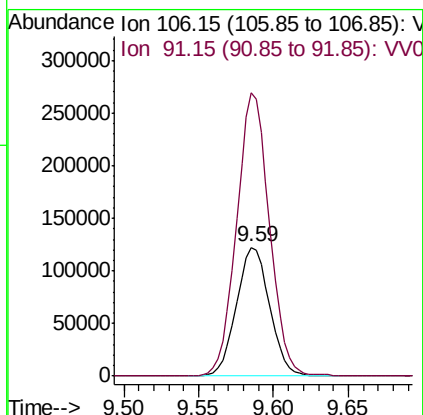
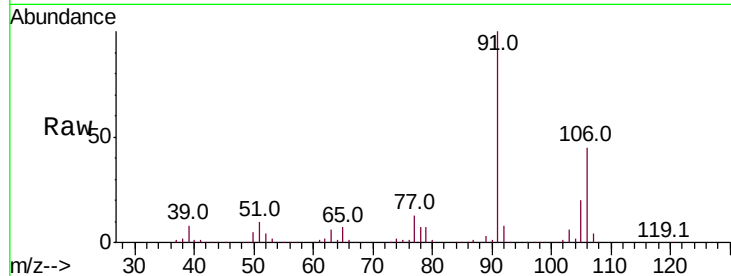




#54
o-xylene
Concen: 10.160 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV011993.D
Acq: 24 Jul 2019 04:06

Instrument :
MSVOA_V
ClientSampleId :
DB9A6

Tot Ion:106 Resp: 189125
Ion Ratio Lower Upper
106 100
91 220.3 151.0 280.4



#56
Isopropylbenzene
Concen: 0.126 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. -0.00 min
Lab File: VV011993.D
Acq: 24 Jul 2019 04:06

Tgt Ion:105 Resp: 6536
Ion Ratio Lower Upper
105 100
120 27.2 20.8 31.2
77 18.4 12.6 19.0

