

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011994.D
 Acq On : 24 Jul 2019 04:32
 Operator : SY/MD
 Sample : K3960-02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A7

Quant Time: Jul 24 08:53:33 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	148905	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146275	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33352	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.59	69	28185	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	57025	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	109386	48.35	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	4.40	84	94452	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	52345	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	185041	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	51744	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	174547	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	19652	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.14	63	91597	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37450	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	73015	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

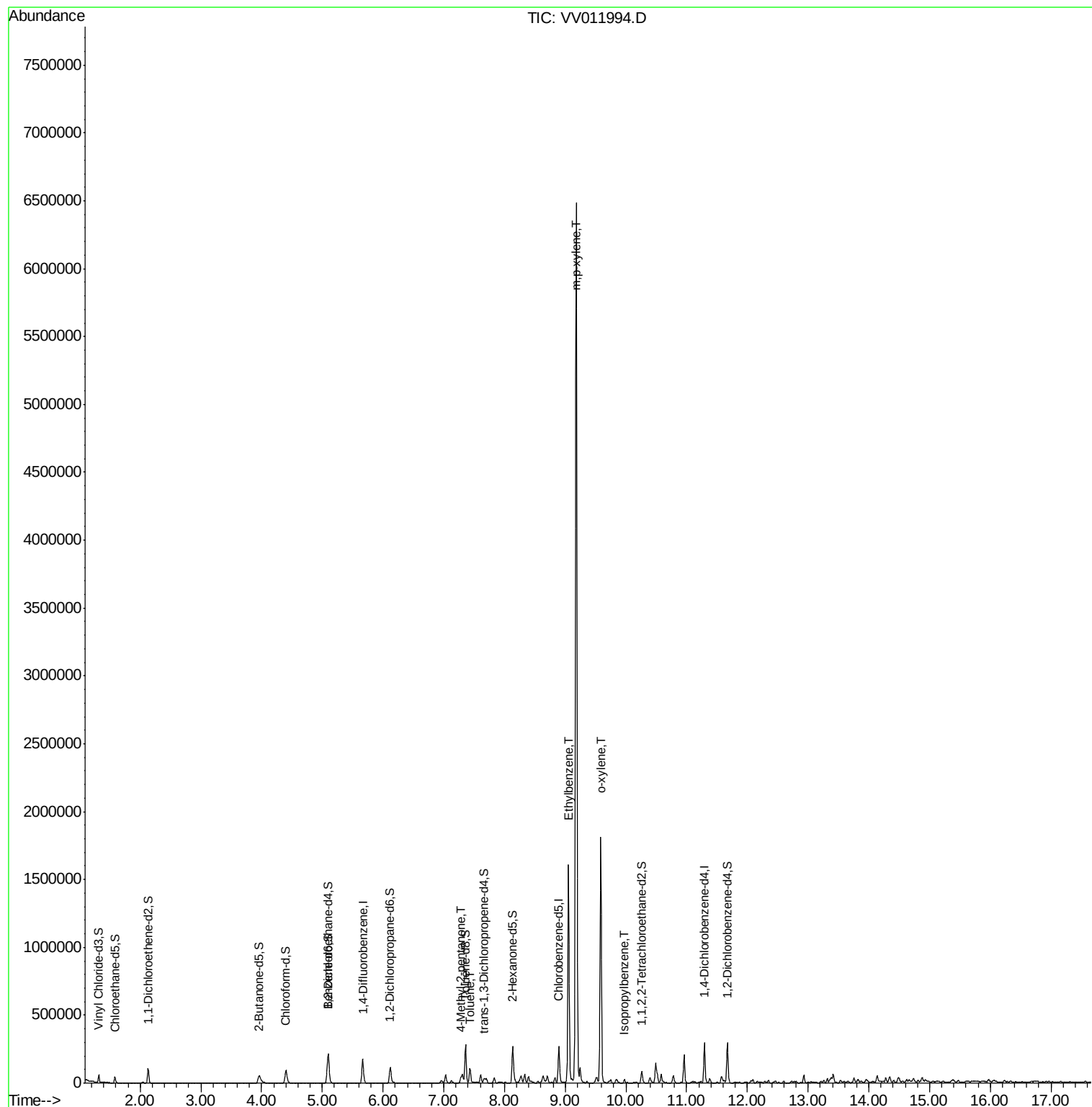
					Ovalue
40) 4-Methyl-2-pentanone	7.28	43	26572	4.597	ug/L 98
42) Toluene	7.43	91	75766	1.640	ug/L 99
52) Ethylbenzene	9.05	91	1068808	20.275	ug/L 99
53) m,p-xylene	9.18	106	1790839	89.245	ug/L 99
54) o-xylene	9.59	106	460106	24.182	ug/L 97
56) Isopropylbenzene	9.97	105	16273	0.306	ug/L 97

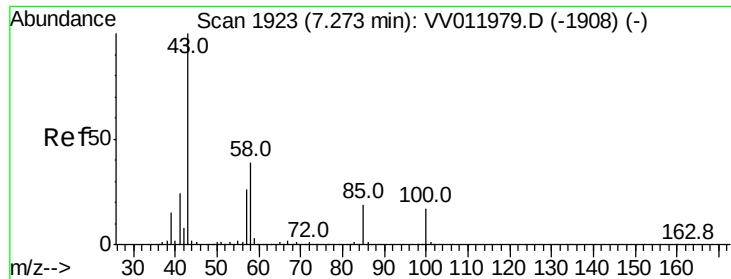
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

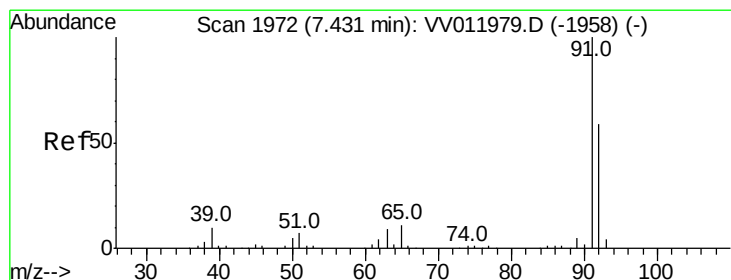
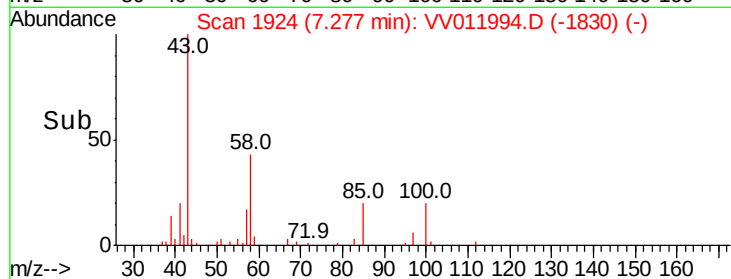
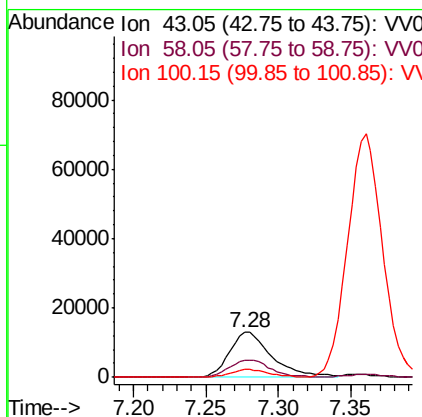
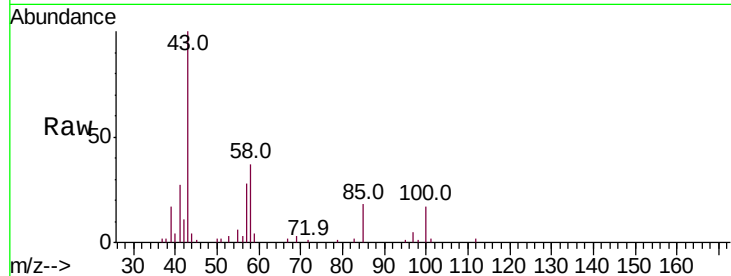




#40
4-Methyl-2-pentanone
Concen: 4.597 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV011994.D
Acq: 24 Jul 2019 04:32

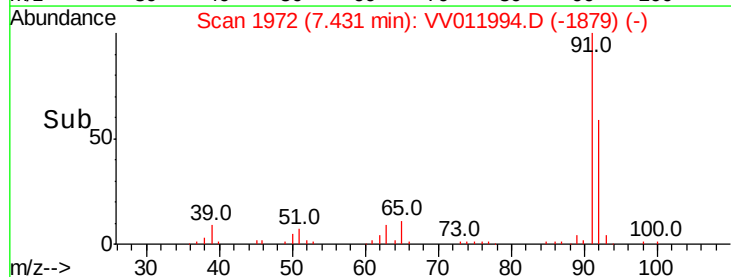
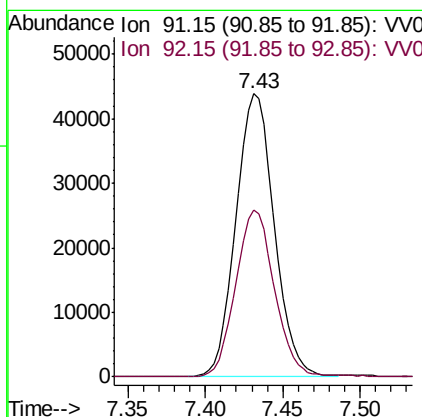
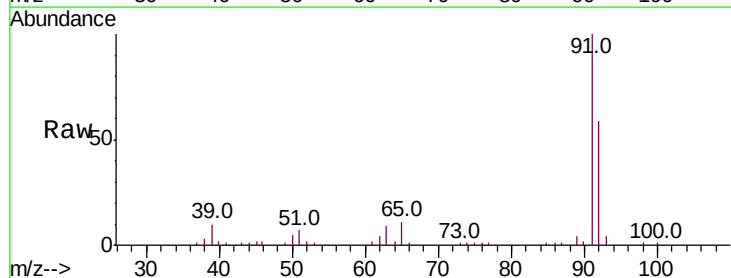
Instrument :
MSVOA_V
ClientSampleId :
DB9A7

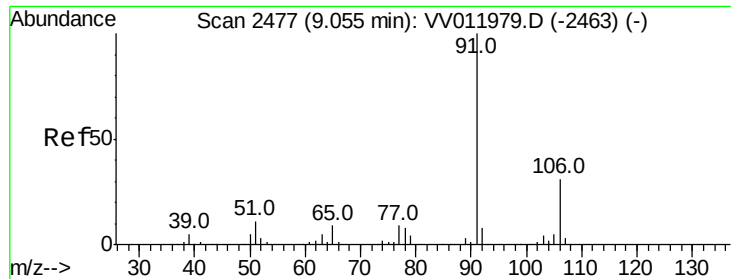
Tot Ion: 43 Resp: 26572
Ion Ratio Lower Upper
43 100
58 37.7 31.2 46.8
100 15.8 13.5 20.3



#42
Toluene
Concen: 1.640 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011994.D
Acq: 24 Jul 2019 04:32

Tgt Ion: 91 Resp: 75766
Ion Ratio Lower Upper
91 100
92 59.1 41.9 77.9





#52

Ethylbenzene

Concen: 20.275 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV011994.D

Acq: 24 Jul 2019 04:32

Instrument :

MSVOA_V

ClientSampleId :

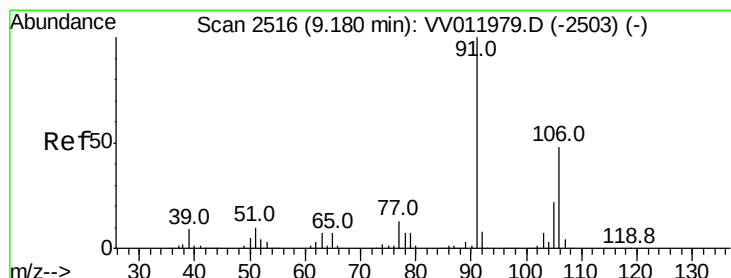
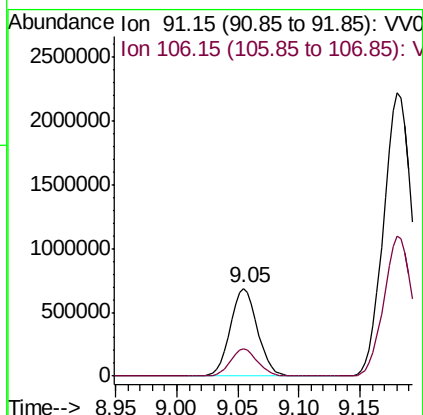
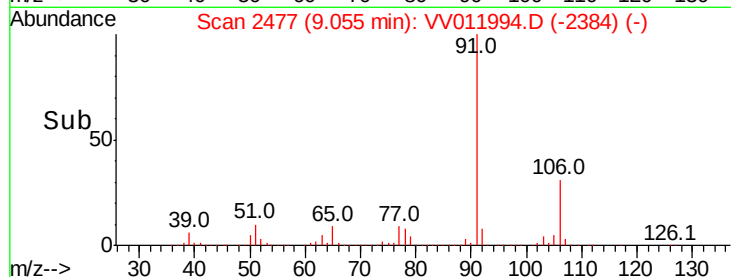
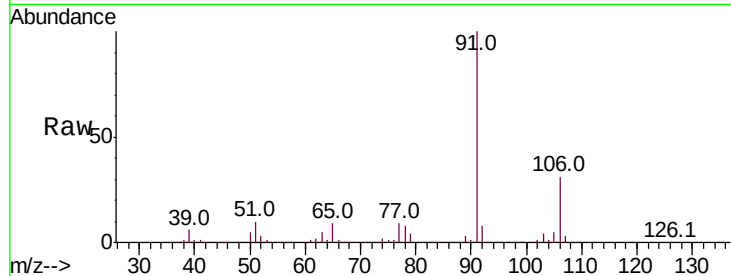
DB9A7

Tot Ion: 91 Resp: 1068808

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-xylene

Concen: 89.245 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV011994.D

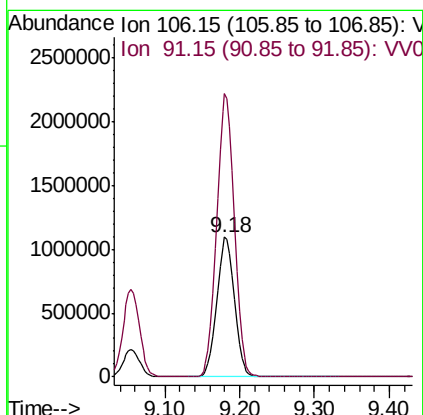
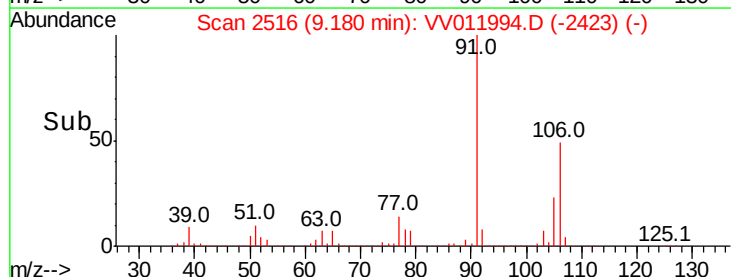
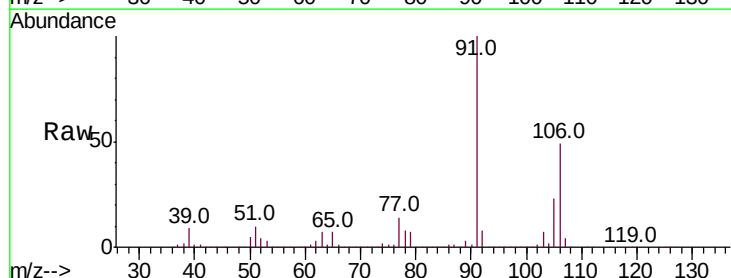
Acq: 24 Jul 2019 04:32

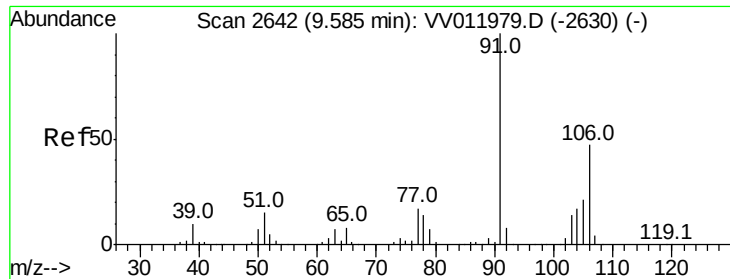
Tgt Ion: 106 Resp: 1790839

Ion Ratio Lower Upper

106 100

91 202.9 142.7 265.1

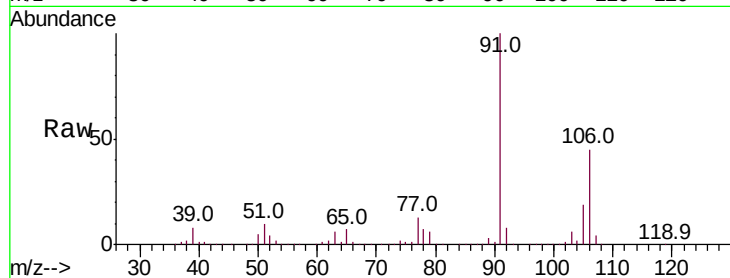




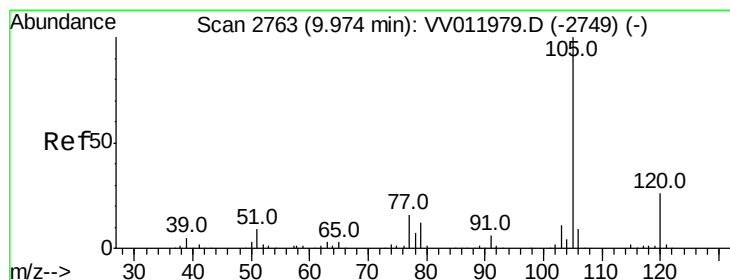
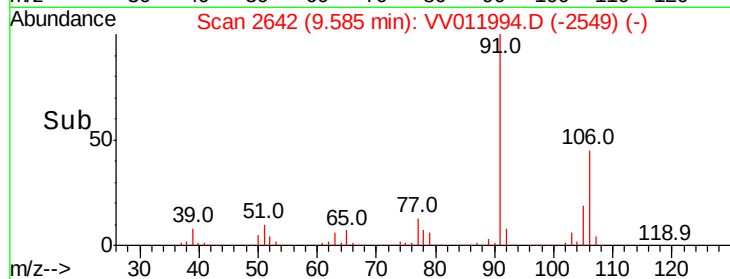
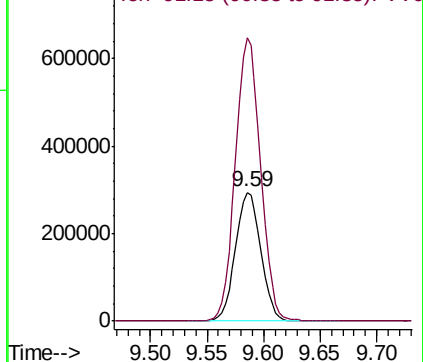
#54
o-xylene
Concen: 24.182 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV011994.D
Acq: 24 Jul 2019 04:32

Instrument :
MSVOA_V
ClientSampleId :
DB9A7

Tot Ion:106 Resp: 460106
Ion Ratio Lower Upper
106 100
91 220.1 151.0 280.4

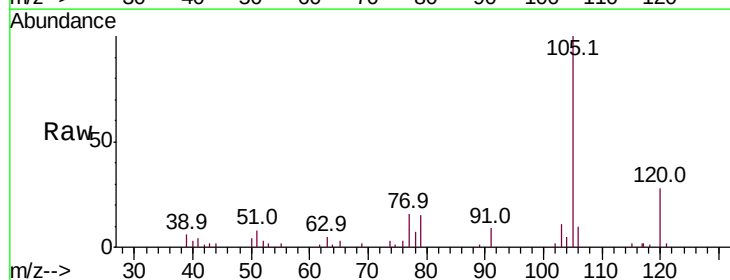


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#56
Isopropylbenzene
Concen: 0.306 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV011994.D
Acq: 24 Jul 2019 04:32

Tgt Ion:105 Resp: 16273
Ion Ratio Lower Upper
105 100
120 28.0 20.8 31.2
77 16.0 12.6 19.0



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

