

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090221\
 Data File : VW022079.D
 Acq On : 02 Sep 2021 16:35
 Operator : SY/MD
 Sample : M3608-02DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKJ8DL

Quant Time: Sep 03 01:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

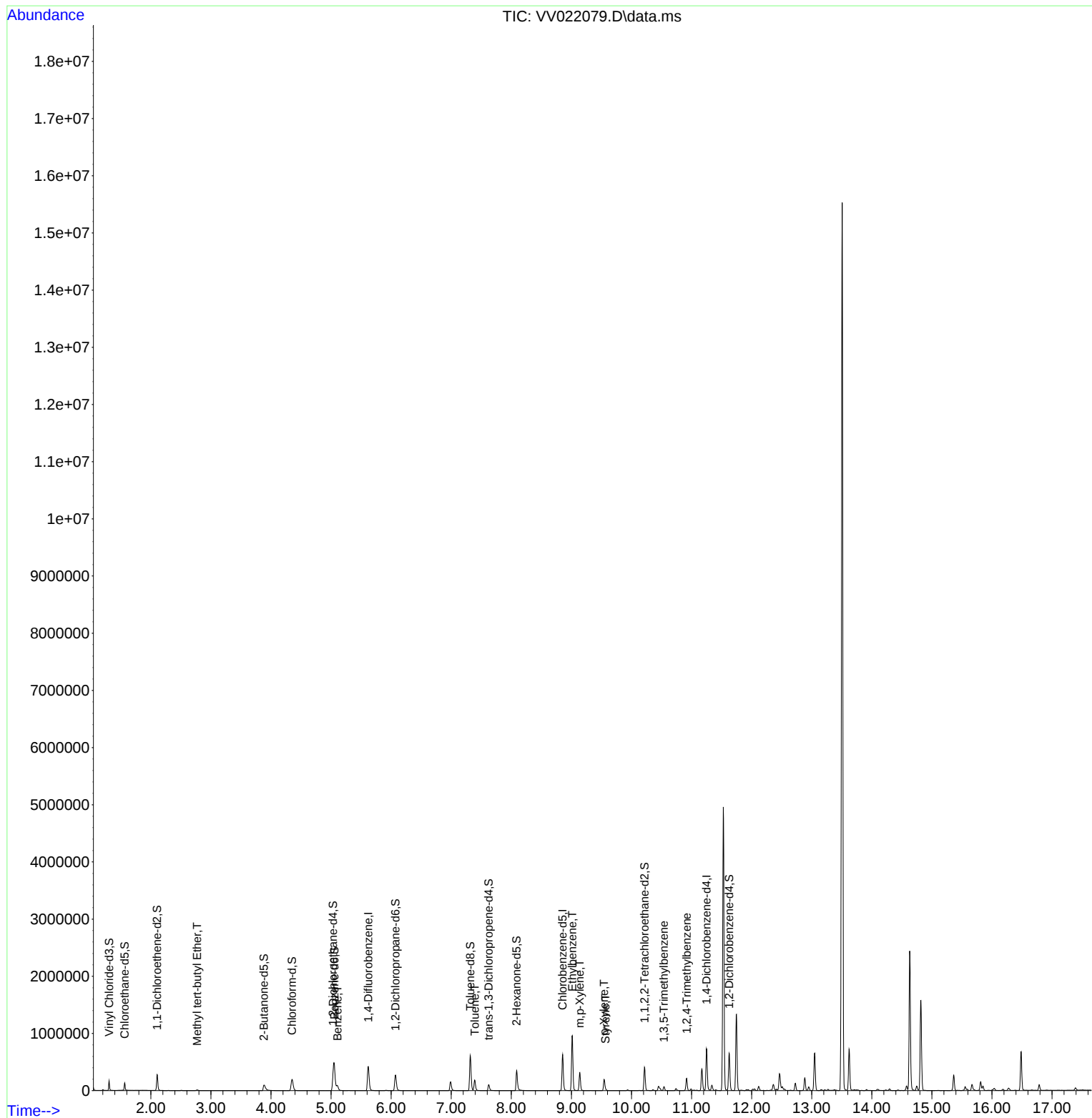
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	387368	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	360700	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	196161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104189	38.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.680%		
7) Chloroethane-d5	1.565	69	76100	36.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.660%		
11) 1,1-Dichloroethene-d2	2.105	63	141088	31.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.600%		
21) 2-Butanone-d5	3.883	46	172733	93.889	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.890%		
24) Chloroform-d	4.349	84	209288	42.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.580%		
26) 1,2-Dichloroethane-d4	5.034	65	130648	45.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.700%		
32) Benzene-d6	5.053	84	435040	44.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.940%		
36) 1,2-Dichloropropane-d6	6.072	67	136715	44.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.860%		
41) Toluene-d8	7.317	98	414795	44.914	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.820%		
43) trans-1,3-Dichloroprop...	7.622	79	63371	43.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.540%		
47) 2-Hexanone-d5	8.088	63	127429	107.941	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.940%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	192797	48.927	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.860%		
66) 1,2-Dichlorobenzene-d4	11.625	152	172358	44.695	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	12442	1.449	ug/L	99
33) Benzene	5.105	78	95292	9.080	ug/L	100
42) Toluene	7.391	91	140396	12.395	ug/L	100
52) Ethylbenzene	9.014	91	691088	56.365	ug/L	98
53) m,p-Xylene	9.140	106	90240	18.936	ug/L	100
54) o-Xylene	9.545	106	52513	11.137	ug/L	100
55) Styrene	9.567	104	12784	1.589	ug/L	92
62) 1,3,5-Trimethylbenzene	10.542	105	36979	3.574	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	117184	11.141	ug/L	100

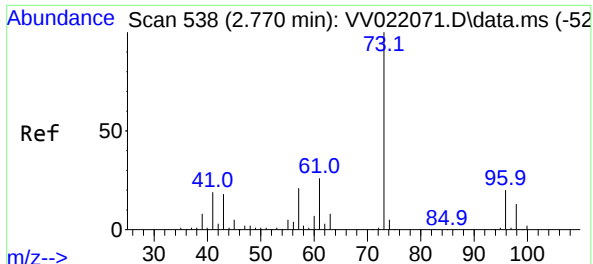
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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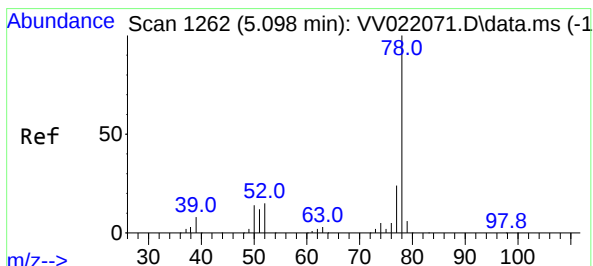
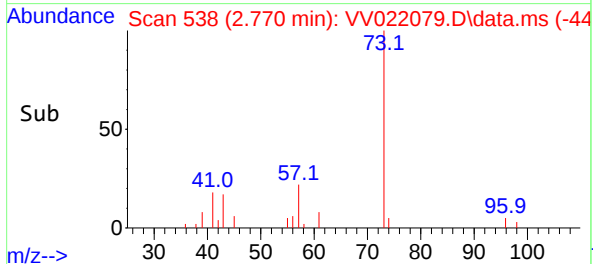
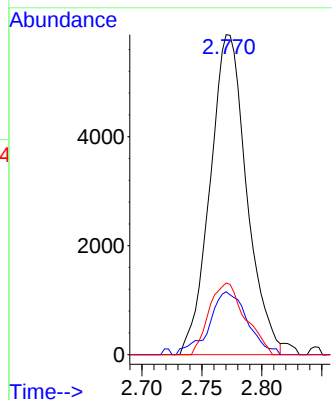
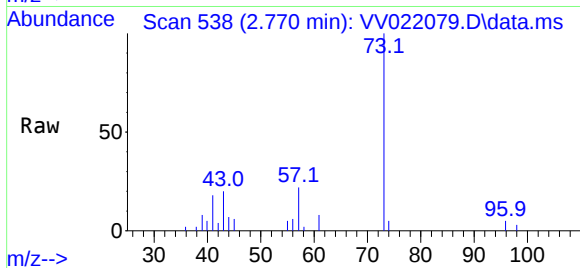
#18

Methyl tert-butyl Ether
 Concen: 1.449 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.000 min
 Lab File: VV022079.D
 Acq: 02 Sep 2021 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKJ8DL

Tgt Ion: 73 Resp: 12442

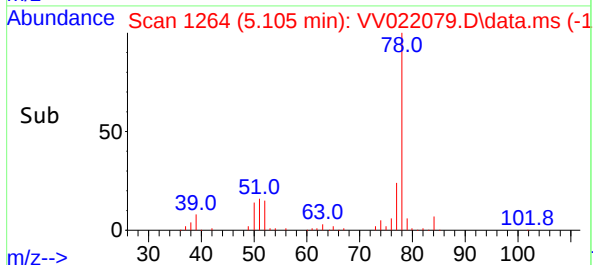
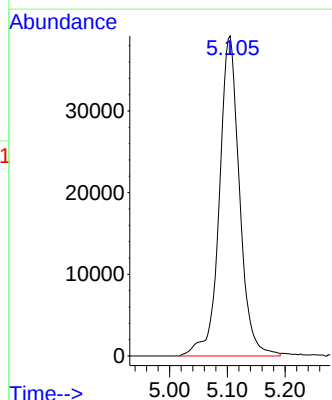
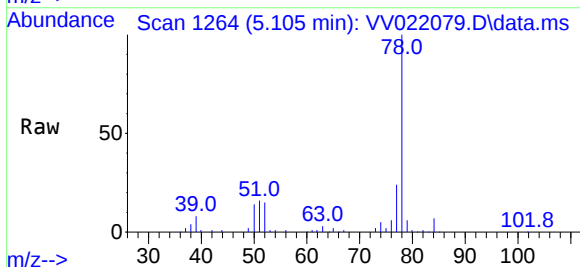
Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.8	20.6
57	22.1	17.1	25.7

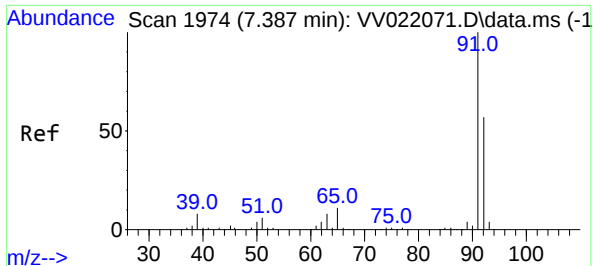


#33

Benzene
 Concen: 9.080 ug/L
 RT: 5.105 min Scan# 1264
 Delta R.T. 0.007 min
 Lab File: VV022079.D
 Acq: 02 Sep 2021 16:35

Tgt Ion: 78 Resp: 95292





#42

Toluene

Concen: 12.395 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022079.D

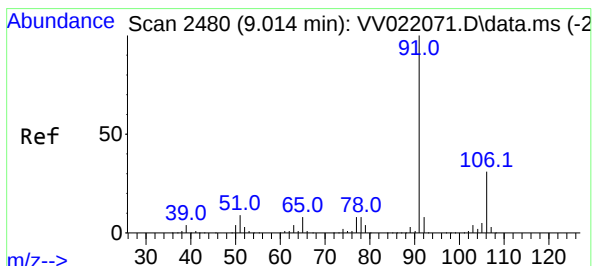
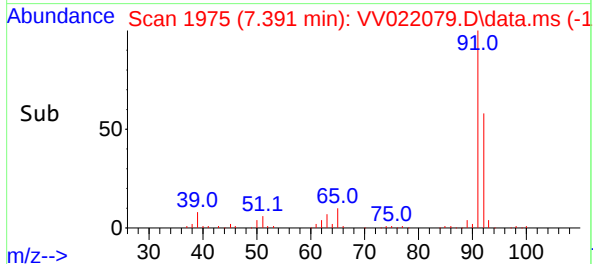
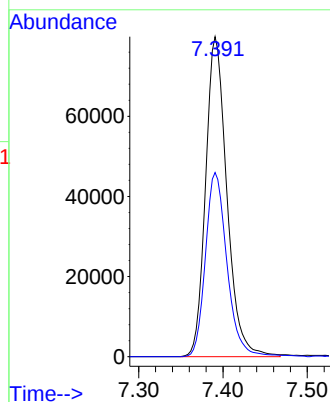
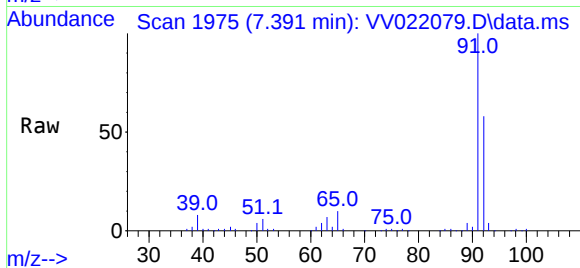
Acq: 02 Sep 2021 16:35

Tgt Ion: 91 Resp: 140396

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#52

Ethylbenzene

Concen: 56.365 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022079.D

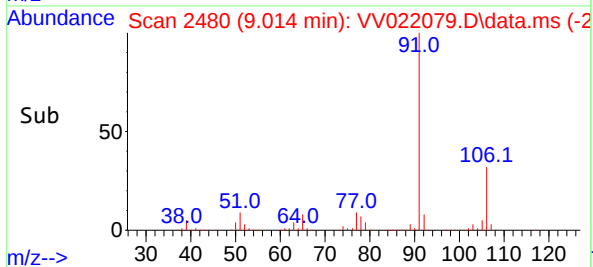
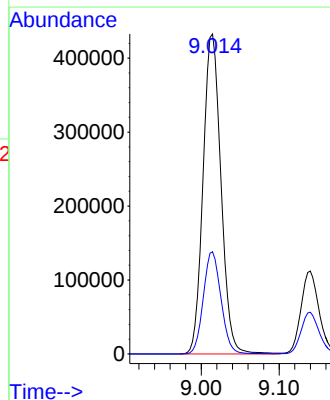
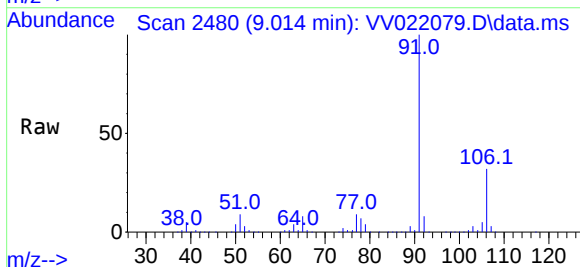
Acq: 02 Sep 2021 16:35

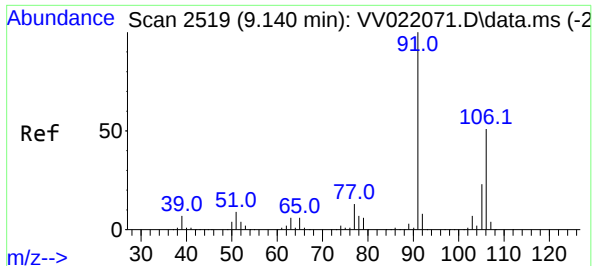
Tgt Ion: 91 Resp: 691088

Ion Ratio Lower Upper

91 100

106 32.0 21.7 40.3

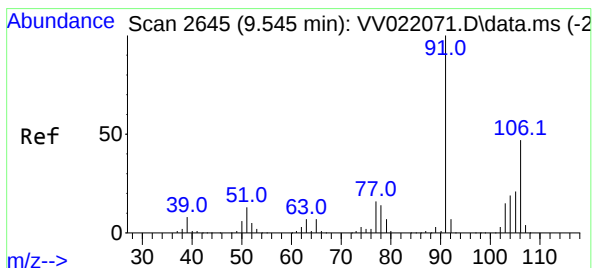
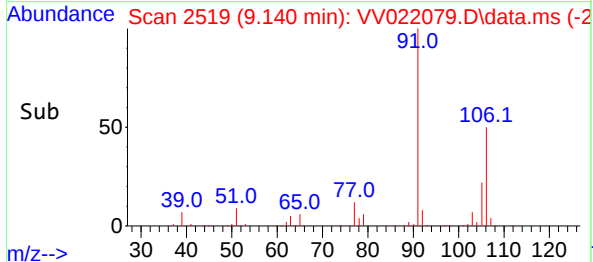
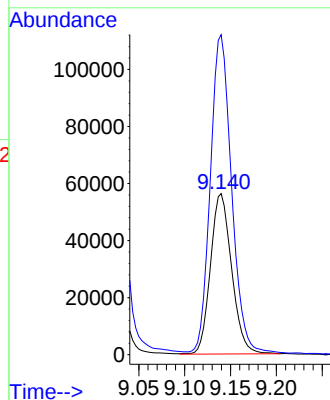
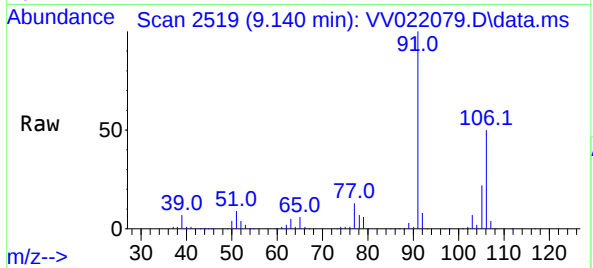




#53
m,p-Xylene
Concen: 18.936 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

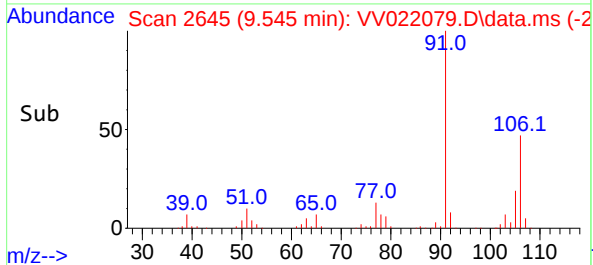
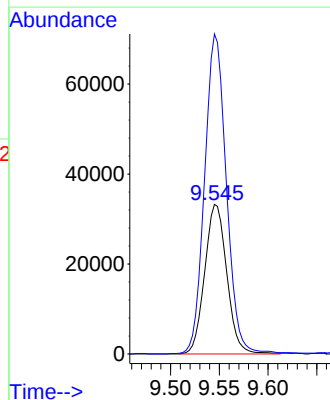
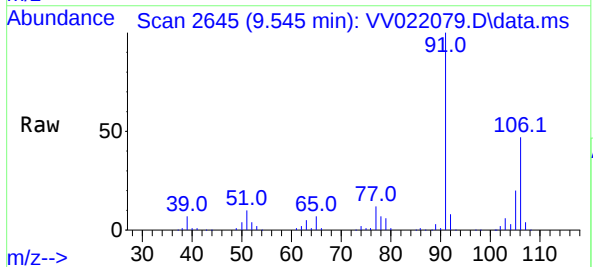
Instrument :
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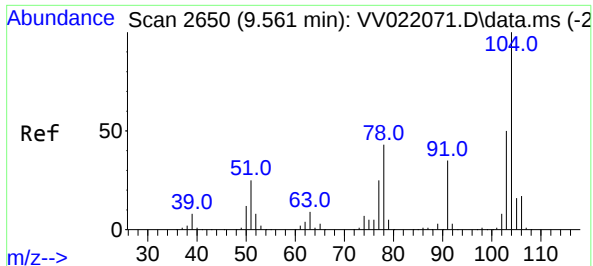
Tgt Ion:106 Resp: 90240
Ion Ratio Lower Upper
106 100
91 198.7 139.1 258.3



#54
o-Xylene
Concen: 11.137 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:106 Resp: 52513
Ion Ratio Lower Upper
106 100
91 213.9 150.1 278.9

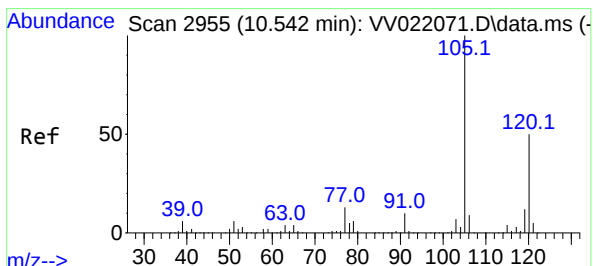
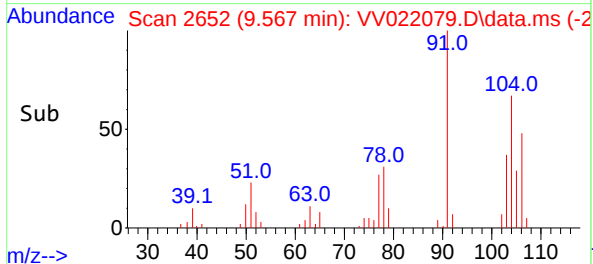
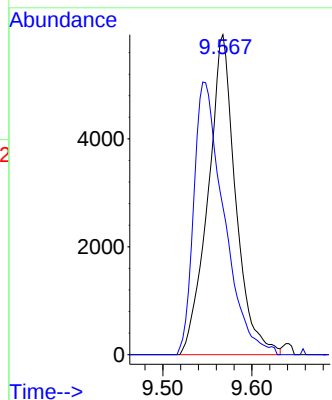
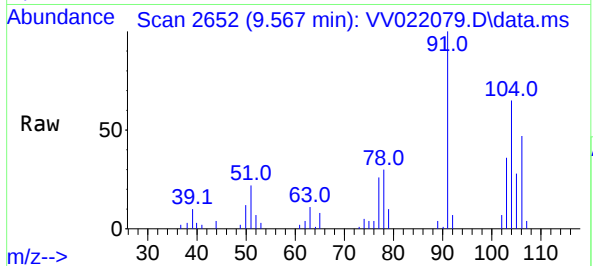




#55
Styrene
Concen: 1.589 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.007 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

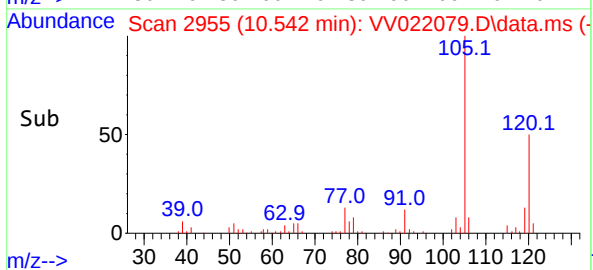
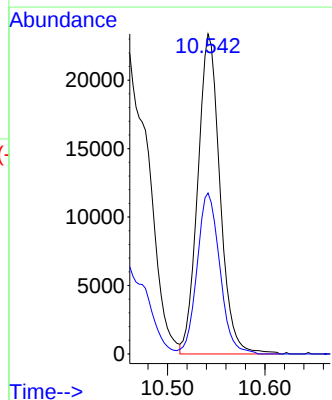
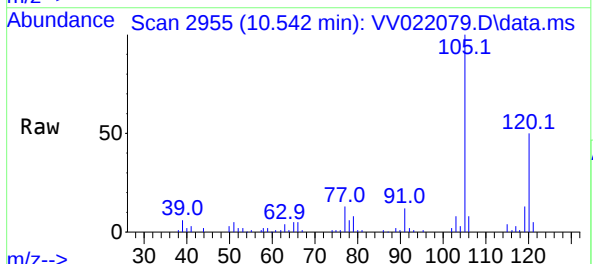
Instrument :
MSVOA_V
ClientSampleId :
DBKJ8DL

Tgt Ion:104 Resp: 12784
Ion Ratio Lower Upper
104 100
78 46.2 28.6 53.2

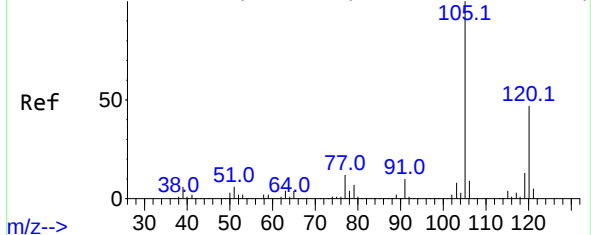


#62
1,3,5-Trimethylbenzene
Concen: 3.574 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

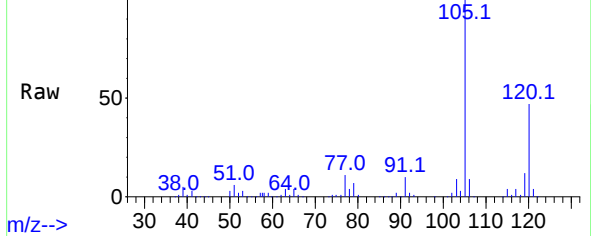
Tgt Ion:105 Resp: 36979
Ion Ratio Lower Upper
105 100
120 51.5 39.6 59.4



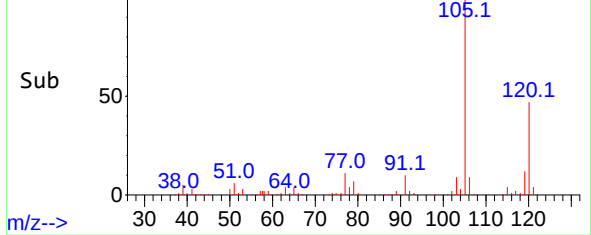
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Abundance Scan 3072 (10.918 min): VV022079.D\data.ms (-

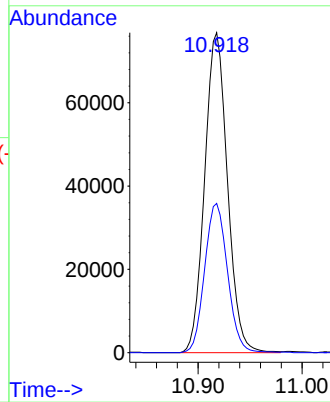


Abundance Scan 3072 (10.918 min): VV022079.D\data.ms (-



#63
1,2,4-Trimethylbenzene
Concen: 11.141 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:105 Resp: 117184
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0



Instrument :
MSVOA_V
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DBKJ8DL