

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028481.D
 Acq On : 09 Oct 2022 13:06
 Operator : SY/MD
 Sample : N4923-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10008DL

Quant Time: Oct 10 05:26:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

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

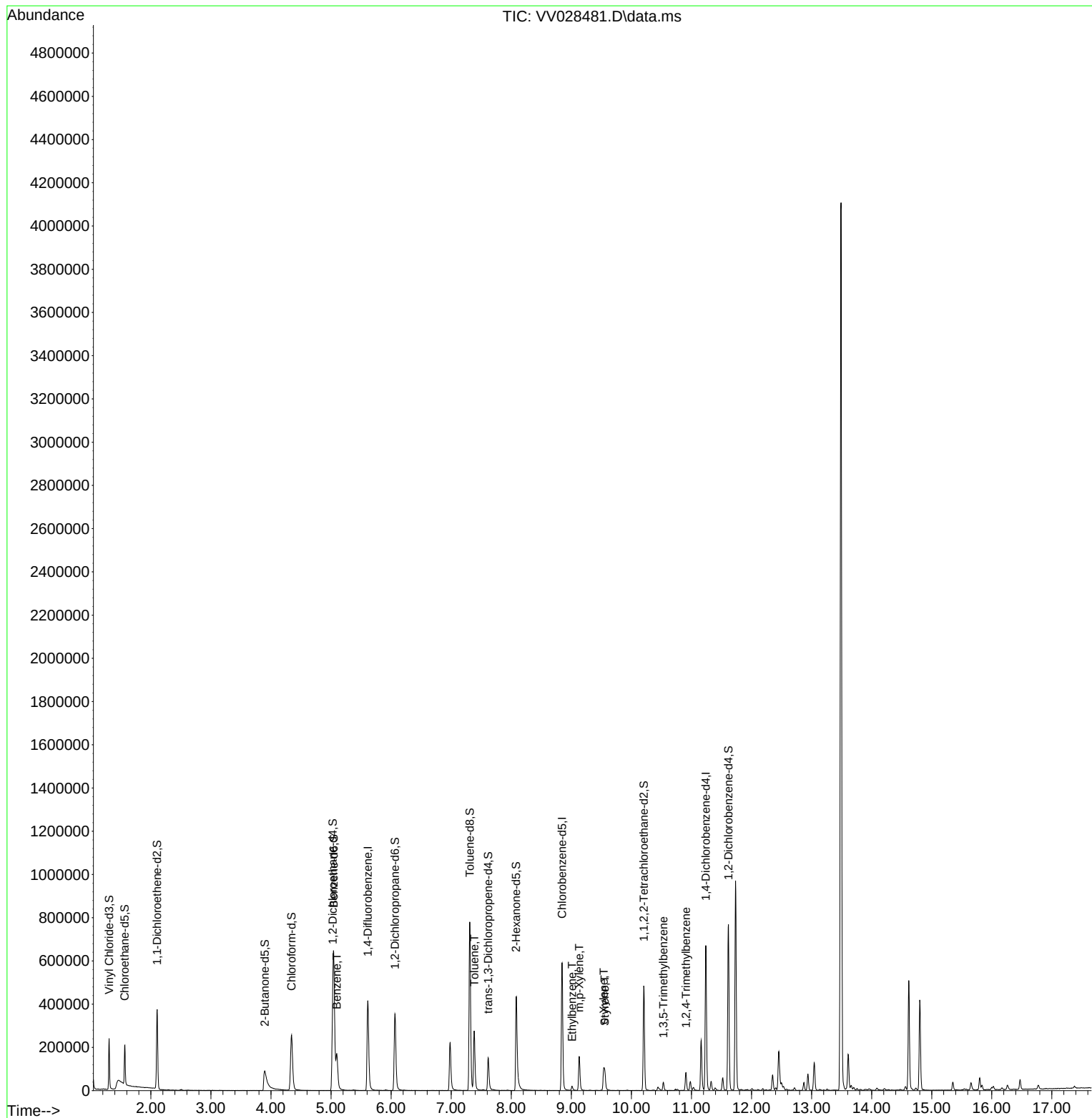
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	359923	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	323208	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	169235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	151778	54.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.300%			
7) Chloroethane-d5	1.565	69	114529	52.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.020%			
11) 1,1-Dichloroethene-d2	2.105	63	190042	40.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.420%			
21) 2-Butanone-d5	3.896	46	212508	87.410	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.410%			
24) Chloroform-d	4.343	84	267379	52.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.980%			
26) 1,2-Dichloroethane-d4	5.027	65	177092	53.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.820%			
32) Benzene-d6	5.043	84	564440	54.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.000%			
36) 1,2-Dichloropropane-d6	6.063	67	176930	52.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.800%			
41) Toluene-d8	7.310	98	514292	55.464	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.920%			
43) trans-1,3-Dichloroprop...	7.616	79	88112	51.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.380%			
47) 2-Hexanone-d5	8.082	63	175809	95.711	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.710%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227446	49.223	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.440%			
66) 1,2-Dichlorobenzene-d4	11.616	152	189766	54.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.240%			
Target Compounds					Qvalue	
33) Benzene	5.095	78	171014	16.088	ug/L	100
42) Toluene	7.384	91	200604	18.308	ug/L	98
52) Ethylbenzene	9.011	91	12918	1.082	ug/L	96
53) m,p-Xylene	9.130	106	43582	9.628	ug/L	96
54) o-Xylene	9.538	106	23116	5.100	ug/L	94
55) Styrene	9.558	104	41100	5.280	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	19577	1.854	ug/L	95
63) 1,2,4-Trimethylbenzene	10.908	105	44070	4.204	ug/L	100

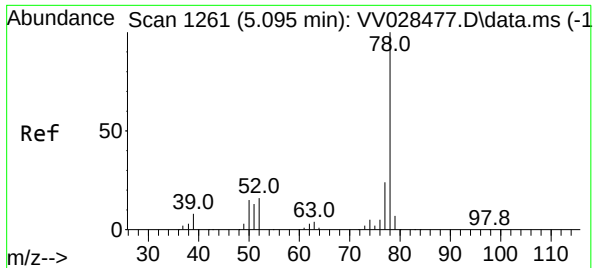
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 10 05:21:45 2022
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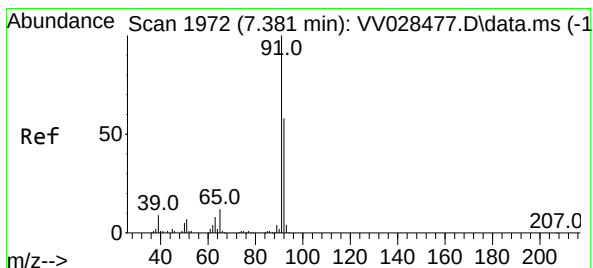
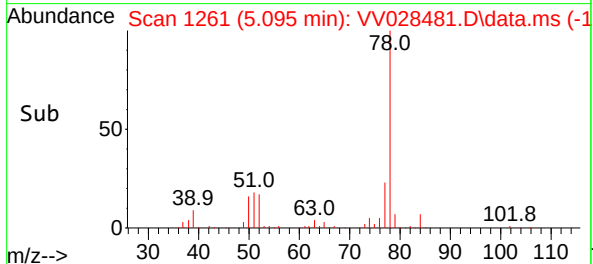
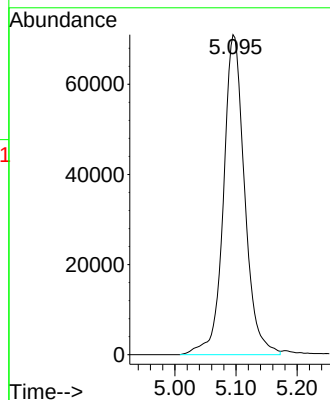
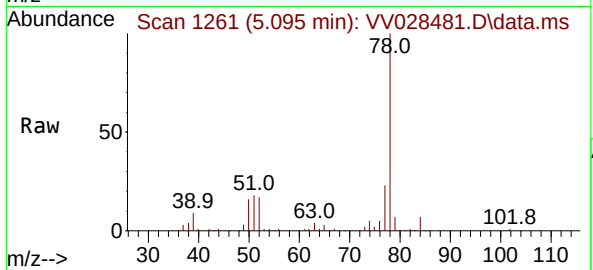




#33
Benzene
Concen: 16.088 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

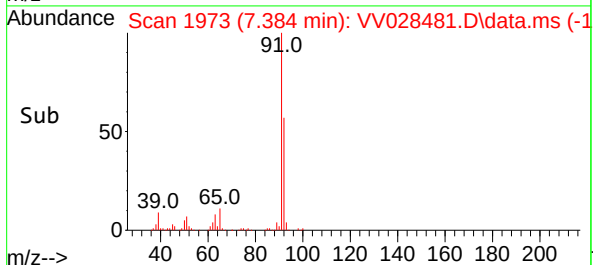
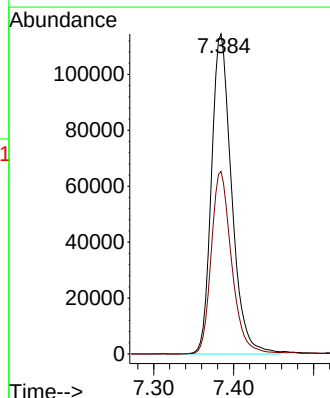
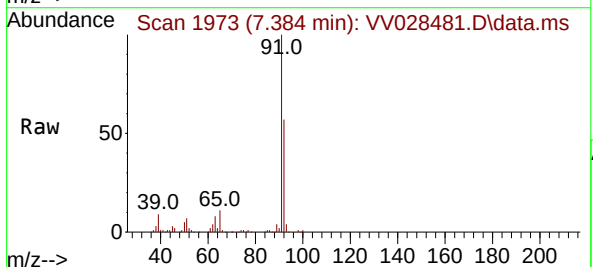
Instrument :
MSVOA_V
ClientSampleId :
E10008DL

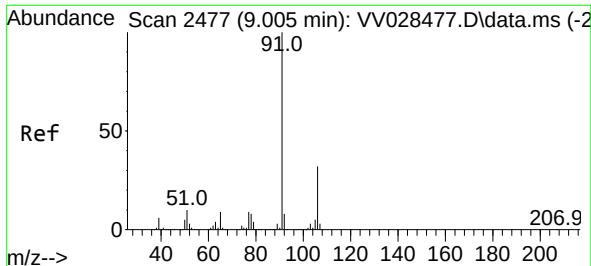
Tgt Ion: 78 Resp: 171014



#42
Toluene
Concen: 18.308 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

Tgt Ion: 91 Resp: 200604
Ion Ratio Lower Upper
91 100
92 57.0 40.9 76.0





#52

Ethylbenzene

Concen: 1.082 ug/L

RT: 9.011 min Scan# 2477

Delta R.T. 0.007 min

Lab File: VV028481.D

Acq: 09 Oct 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

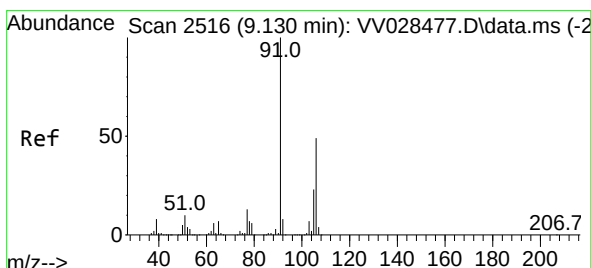
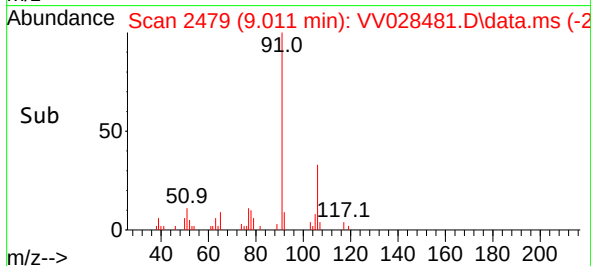
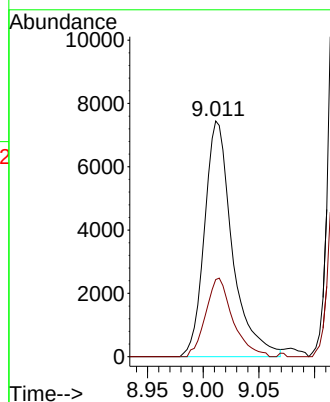
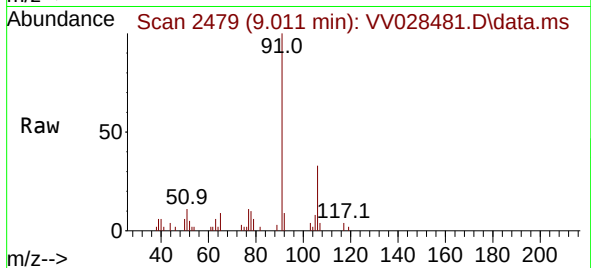
E10008DL

Tgt Ion: 91 Resp: 12918

Ion Ratio Lower Upper

91 100

106 32.7 21.4 39.8



#53

m,p-Xylene

Concen: 9.628 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV028481.D

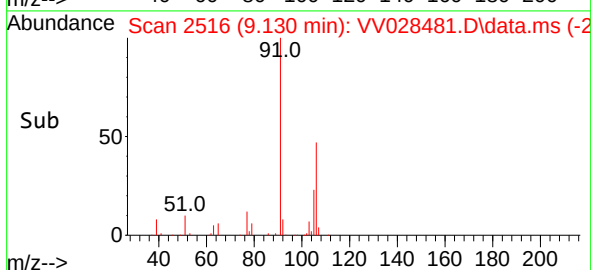
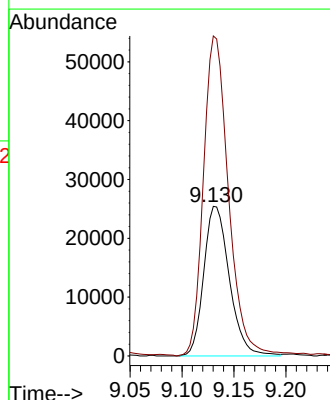
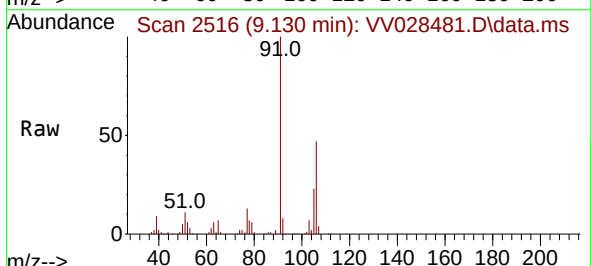
Acq: 09 Oct 2022 13:06

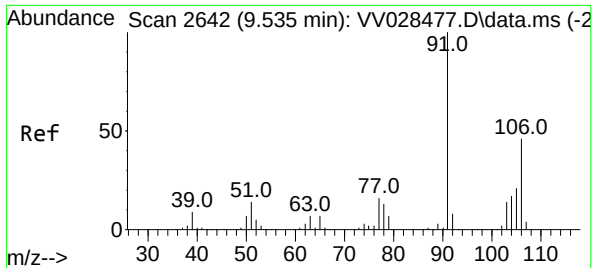
Tgt Ion: 106 Resp: 43582

Ion Ratio Lower Upper

106 100

91 213.9 145.2 269.6

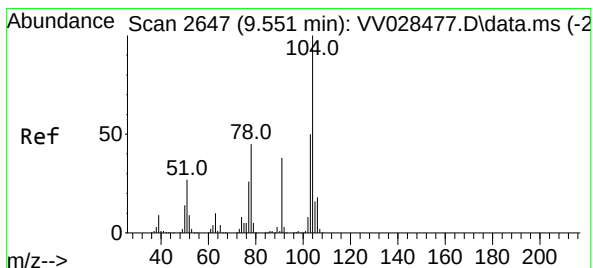
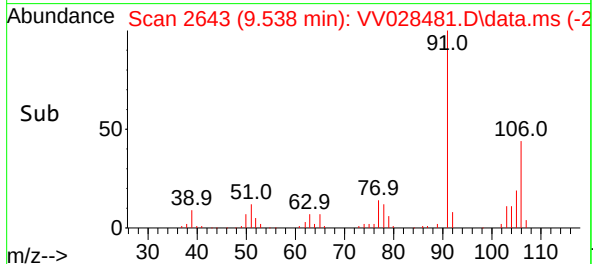
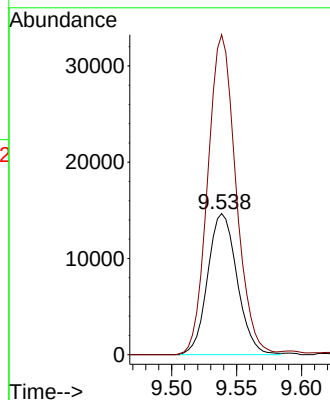
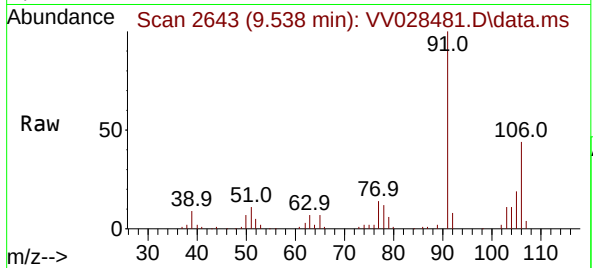




#54
o-Xylene
Concen: 5.100 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

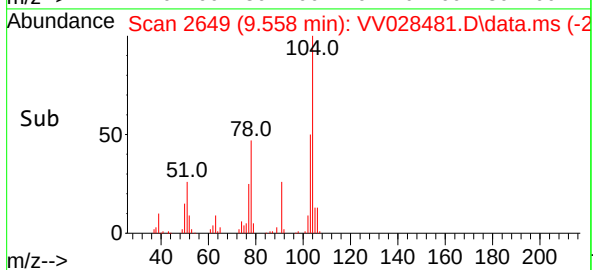
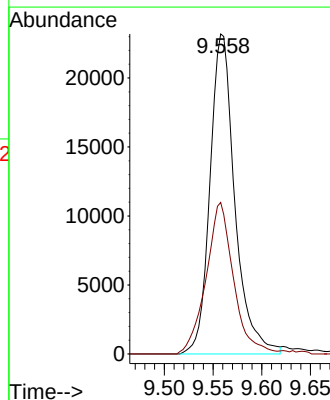
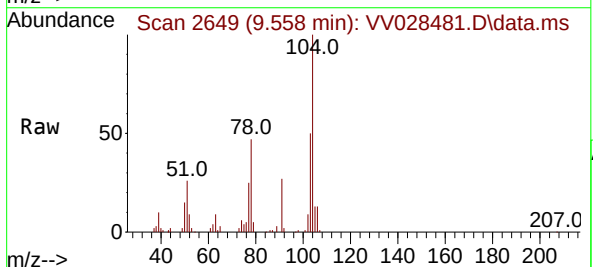
Instrument :
MSVOA_V
ClientSampleId :
E10008DL

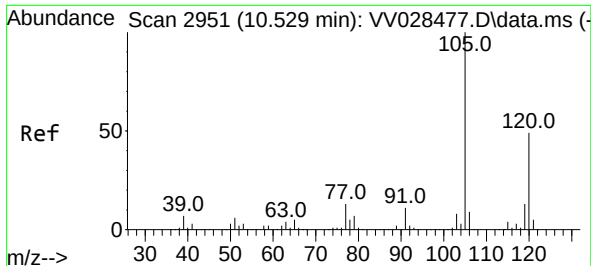
Tgt Ion:106 Resp: 23116
Ion Ratio Lower Upper
106 100
91 226.8 152.5 283.3



#55
Styrene
Concen: 5.280 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.007 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

Tgt Ion:104 Resp: 41100
Ion Ratio Lower Upper
104 100
78 47.4 31.9 59.2





#62

1,3,5-Trimethylbenzene

Concen: 1.854 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028481.D

Acq: 09 Oct 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

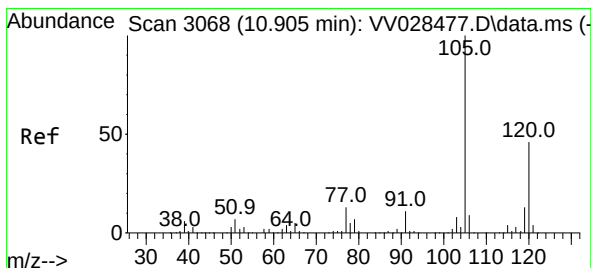
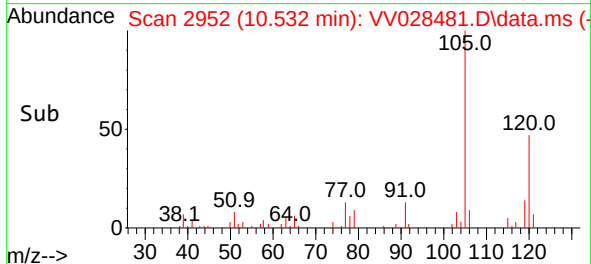
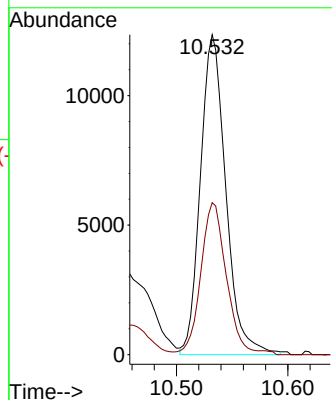
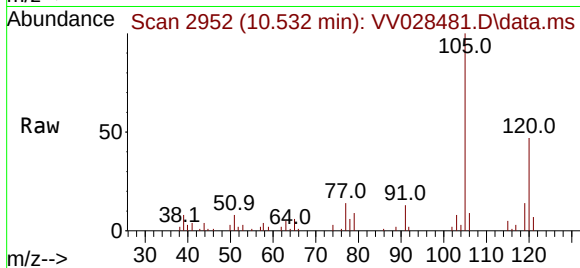
E10008DL

Tgt Ion:105 Resp: 19577

Ion Ratio Lower Upper

105 100

120 45.5 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 4.204 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028481.D

Acq: 09 Oct 2022 13:06

Tgt Ion:105 Resp: 44070

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9

