

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
 Data File : VV034040.D
 Acq On : 07 Feb 2024 18:55
 Operator : SY/MD
 Sample : P1383-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC4

Quant Time: Feb 08 04:52:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

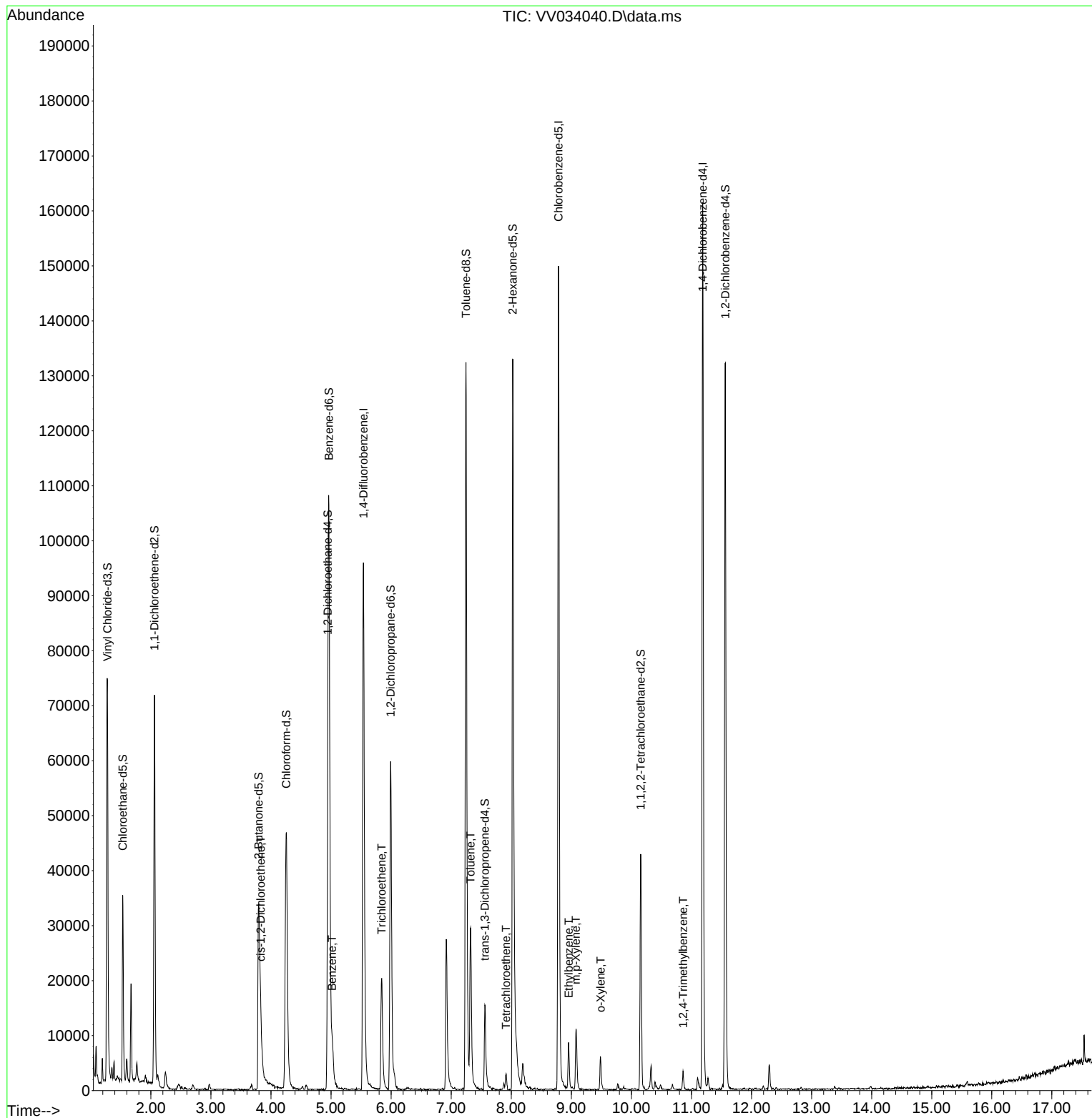
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	83681	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21781	3.361	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.200%	
7) Chloroethane-d5	1.532	69	21359	3.763	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.060	65	11595	3.710	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	3.793	46	55057	50.583	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.160%	
24) Chloroform-d	4.256	84	51368	4.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	4.947	65	25922	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	4.963	84	95107	3.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
36) 1,2-Dichloropropane-d6	5.992	67	28202	4.187	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.246	98	89116	4.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.561	79	9613	3.780	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.024	63	48317	53.217	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.440%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20126	4.929	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	33256	4.471	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
						Qvalue
22) cis-1,2-Dichloroethene	3.831	96	1241	0.184	ug/L	97
33) Benzene	5.018	78	7249	0.301	ug/L	100
34) Trichloroethene	5.841	95	7340	1.053	ug/L	95
42) Toluene	7.323	91	22594	0.878	ug/L	100
47) Tetrachloroethene	7.915	164	800	0.141	ug/L	90
52) Ethylbenzene	8.956	91	6793	0.229	ug/L	100
53) m,p-Xylene	9.079	106	3475	0.310	ug/L	90
54) o-Xylene	9.487	106	1682	0.156	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	2327	0.094	ug/L	91

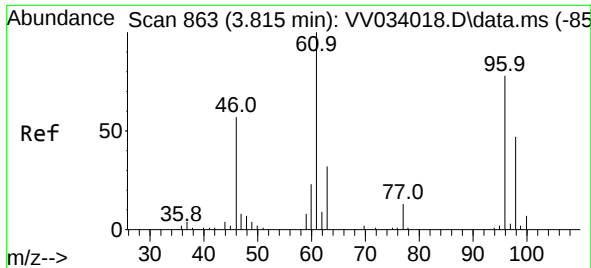
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 08 04:46:29 2024
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.184 ug/L

RT: 3.831 min Scan# 863

Delta R.T. 0.016 min

Lab File: VV034040.D

Acq: 07 Feb 2024 18:55

Instrument :

MSVOA_V

ClientSampleId :

E0YC4

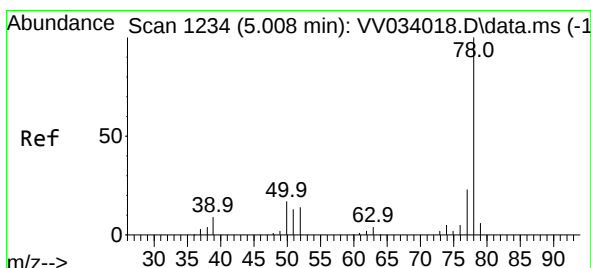
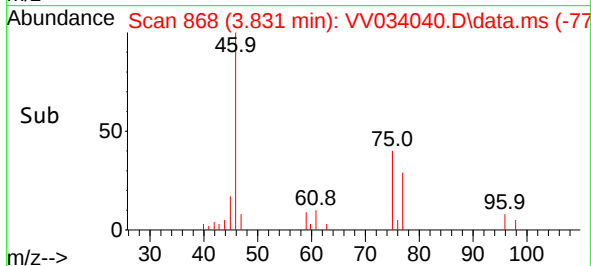
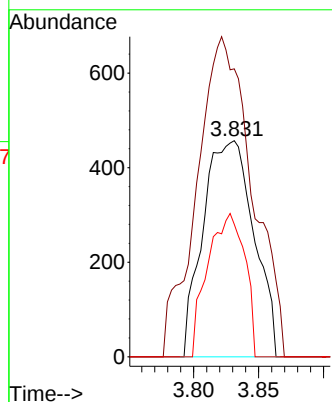
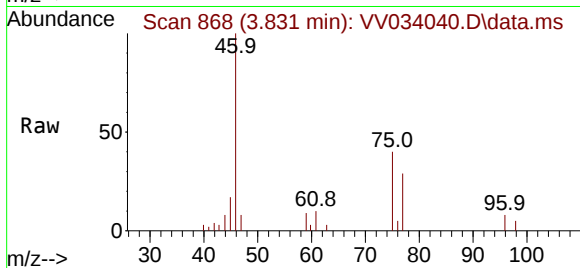
Tgt Ion: 96 Resp: 1241

Ion Ratio Lower Upper

96 100

61 133.3 90.3 167.7

98 61.3 43.2 80.2



#33

Benzene

Concen: 0.301 ug/L

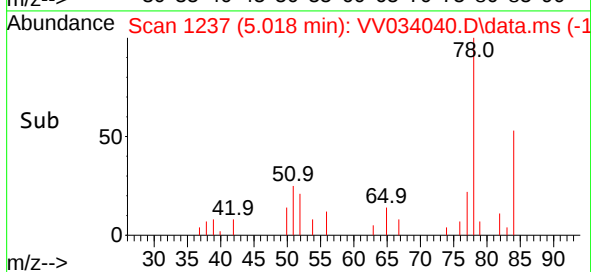
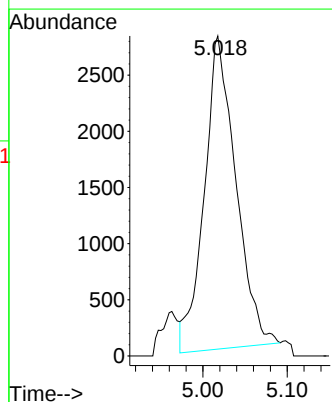
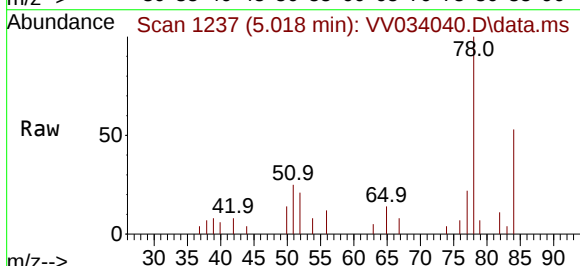
RT: 5.018 min Scan# 1237

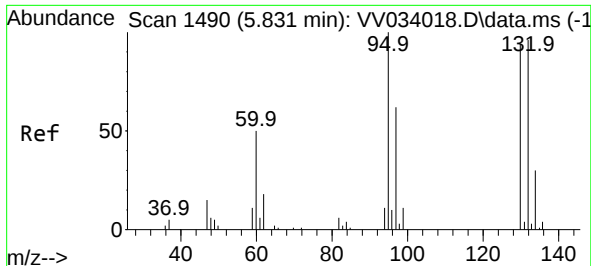
Delta R.T. 0.010 min

Lab File: VV034040.D

Acq: 07 Feb 2024 18:55

Tgt Ion: 78 Resp: 7249





#34

Trichloroethene

Concen: 1.053 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV034040.D

Acq: 07 Feb 2024 18:55

Instrument :

MSVOA_V

ClientSampleId :

E0YC4

Tgt Ion: 95 Resp: 7340

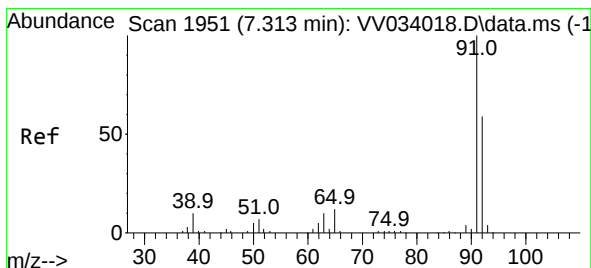
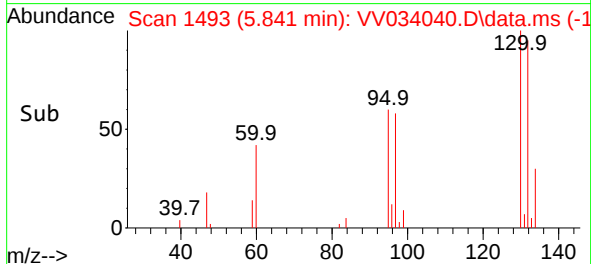
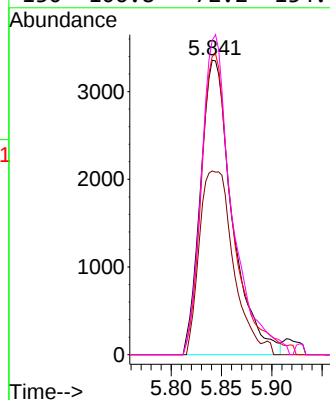
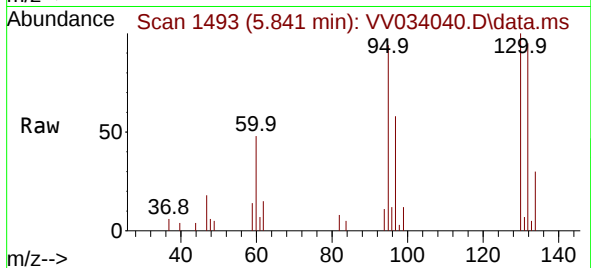
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.7

132 101.3 66.0 122.6

130 106.8 72.2 134.0



#42

Toluene

Concen: 0.878 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV034040.D

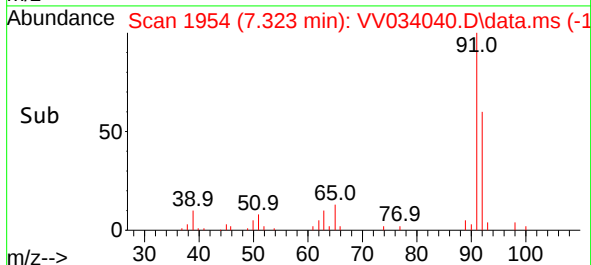
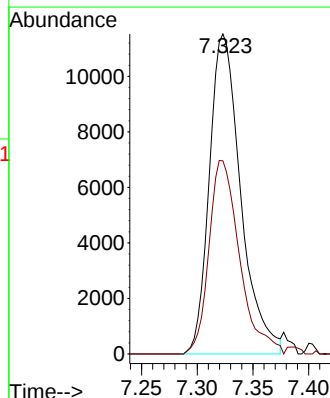
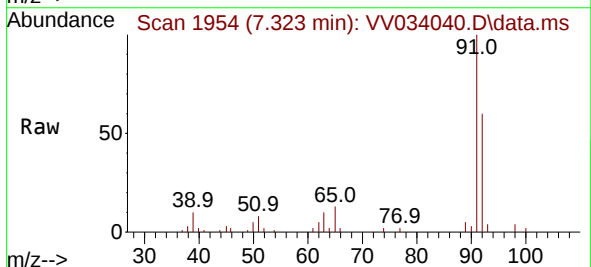
Acq: 07 Feb 2024 18:55

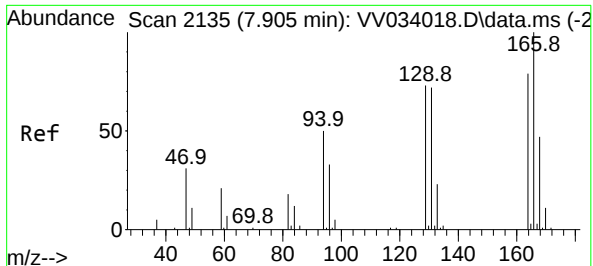
Tgt Ion: 91 Resp: 22594

Ion Ratio Lower Upper

91 100

92 60.4 42.1 78.3





#47

Tetrachloroethene

Concen: 0.141 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.010 min

Lab File: VV034040.D

Acq: 07 Feb 2024 18:55

Instrument :

MSVOA_V

ClientSampleId :

E0YC4

Tgt Ion:164 Resp: 800

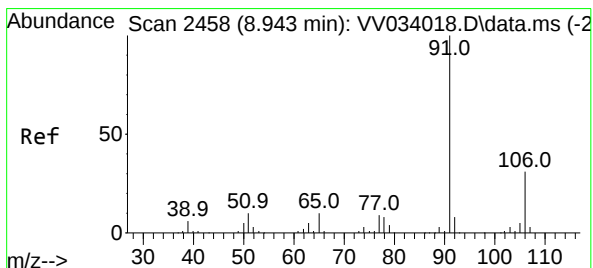
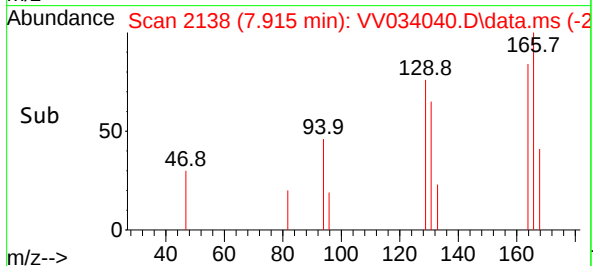
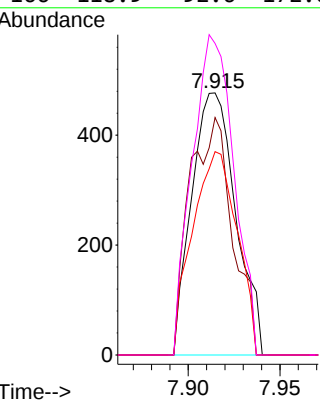
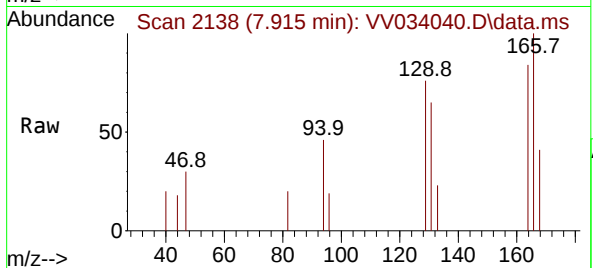
Ion Ratio Lower Upper

164 100

129 90.6 67.8 125.8

131 77.6 63.0 117.0

166 118.9 92.6 172.0



#52

Ethylbenzene

Concen: 0.229 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.013 min

Lab File: VV034040.D

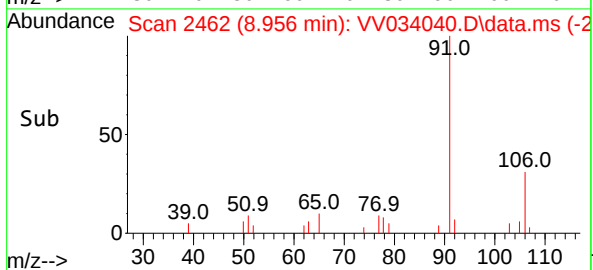
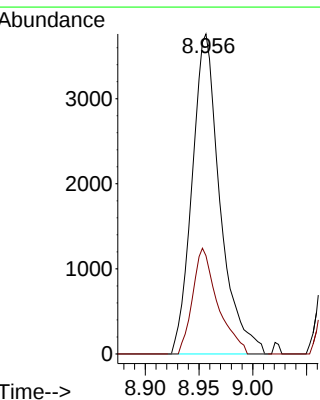
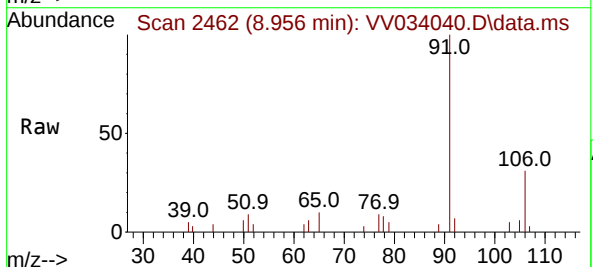
Acq: 07 Feb 2024 18:55

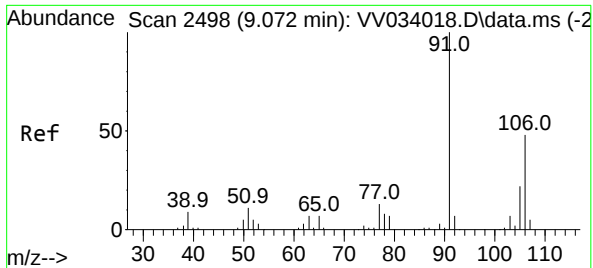
Tgt Ion: 91 Resp: 6793

Ion Ratio Lower Upper

91 100

106 30.7 21.4 39.8

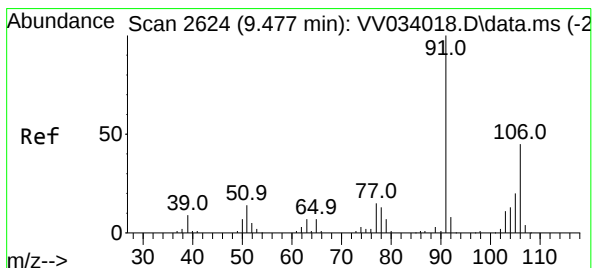
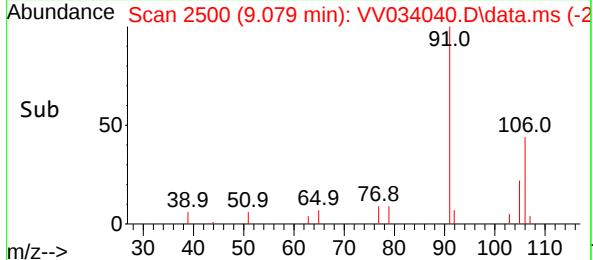
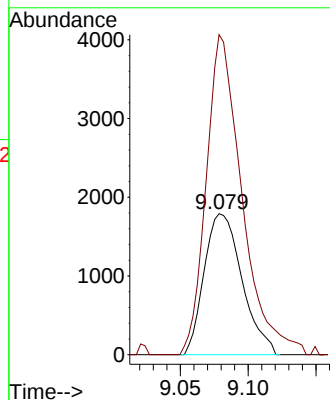
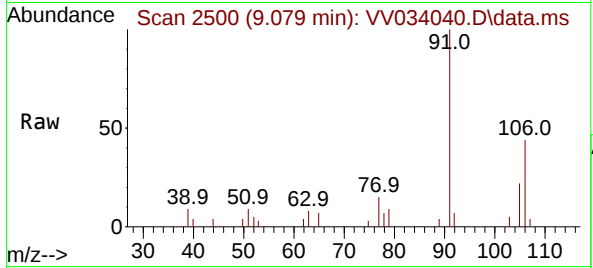




#53
m,p-Xylene
Concen: 0.310 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV034040.D
Acq: 07 Feb 2024 18:55

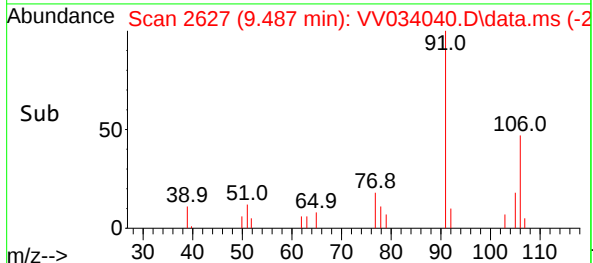
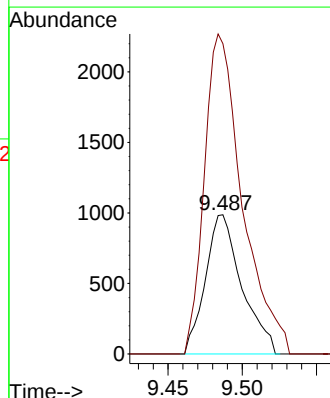
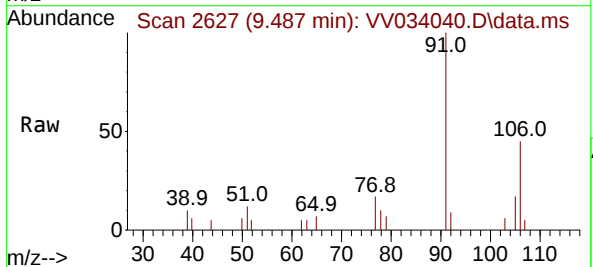
Instrument :
MSVOA_V
ClientSampleId :
E0YC4

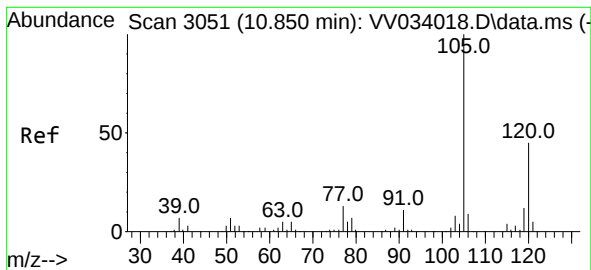
Tgt Ion:106 Resp: 3475
Ion Ratio Lower Upper
106 100
91 226.9 147.5 273.9



#54
o-Xylene
Concen: 0.156 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034040.D
Acq: 07 Feb 2024 18:55

Tgt Ion:106 Resp: 1682
Ion Ratio Lower Upper
106 100
91 222.9 156.2 290.0





#63

1,2,4-Trimethylbenzene

Concen: 0.094 ug/L

RT: 10.863 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VV034040.D

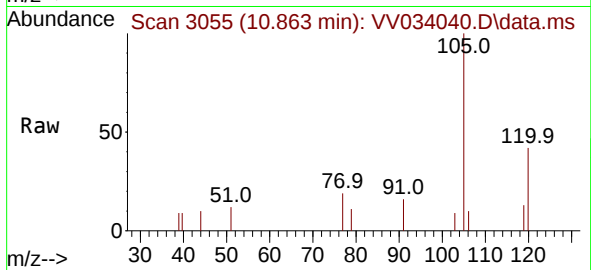
Acq: 07 Feb 2024 18:55

Instrument :

MSVOA_V

ClientSampleId :

E0YC4



Tgt Ion:105 Resp: 2327

Ion Ratio Lower Upper

105 100

120 39.1 36.2 54.2

